

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF062519\  
 Data File : BF115185.D  
 Acq On : 25 Jun 2019 14:14  
 Operator : HP/JU  
 Sample : PB120851BS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB120851BS

Quant Time: Jun 26 05:44:03 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF062119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 24 04:21:29 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.61  | 152  | 269221   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.90  | 136  | 1078953  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.64  | 164  | 542551   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.11 | 188  | 1055472  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.73 | 240  | 714794   | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 15.10 | 264  | 756554   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.22  | 112 | 1899435 | 108.88 | ng | 0.02  |
| 7) Phenol-d6             | 6.26  | 99  | 2346208 | 110.80 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.18  | 82  | 1454721 | 82.94  | ng | 0.00  |
| 42) 2,4,6-Tribromophenol | 10.42 | 330 | 695006  | 121.47 | ng | 0.00  |
| 45) 2-Fluorobiphenyl     | 8.97  | 172 | 2745195 | 85.95  | ng | -0.01 |
| 79) Terphenyl-d14        | 12.69 | 244 | 2858389 | 85.02  | ng | -0.01 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.29 | 88  | 295667  | 35.910 | ng | 99     |
| 3) Pyridine                    | 2.94 | 79  | 803278  | 34.614 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 2.88 | 42  | 334563  | 36.775 | ng | 98     |
| 6) Aniline                     | 6.27 | 93  | 709488  | 24.379 | ng | # 1    |
| 8) 2-Chlorophenol              | 6.40 | 128 | 803126  | 40.940 | ng | 98     |
| 9) Benzaldehyde                | 6.15 | 77  | 111005  | 8.035  | ng | 98     |
| 10) Phenol                     | 6.27 | 94  | 924702  | 37.280 | ng | 94     |
| 11) bis(2-Chloroethyl)ether    | 6.35 | 93  | 726660  | 39.743 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 6.55 | 146 | 850700  | 39.074 | ng | 100    |
| 13) 1,4-Dichlorobenzene        | 6.63 | 146 | 858685  | 39.332 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.78 | 146 | 802847  | 39.710 | ng | 99     |
| 15) Benzyl Alcohol             | 6.76 | 79  | 536214  | 34.776 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.90 | 45  | 1037384 | 39.119 | ng | 96     |
| 17) 2-Methylphenol             | 6.88 | 107 | 702240  | 43.369 | ng | 98     |
| 18) Hexachloroethane           | 7.12 | 117 | 306246  | 38.910 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 7.04 | 70  | 519190  | 38.298 | ng | 98     |
| 20) 3+4-Methylphenols          | 7.03 | 107 | 785654  | 42.020 | ng | 94     |
| 22) Acetophenone               | 7.02 | 105 | 1065699 | 43.144 | ng | # 97   |
| 24) Nitrobenzene               | 7.20 | 77  | 818812  | 42.375 | ng | 99     |
| 25) Isophorone                 | 7.44 | 82  | 1489038 | 41.442 | ng | 99     |
| 26) 2-Nitrophenol              | 7.51 | 139 | 466847  | 48.923 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 7.56 | 122 | 769571  | 49.256 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.65 | 93  | 931214  | 41.005 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.75 | 162 | 717895  | 44.524 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 7.84 | 180 | 759049  | 42.619 | ng | 99     |
| 31) Naphthalene                | 7.92 | 128 | 2253732 | 42.553 | ng | 100    |
| 32) Benzoic acid               | 7.70 | 122 | 599753  | 53.777 | ng | 99     |
| 33) 4-Chloroaniline            | 7.96 | 127 | 560272  | 23.147 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.04 | 225 | 408250  | 41.829 | ng | 98     |
| 35) Caprolactam                | 8.34 | 113 | 161001  | 29.700 | ng | 96     |
| 36) 4-Chloro-3-methylphenol    | 8.45 | 107 | 738719  | 45.240 | ng | 100    |
| 37) 2-Methylnaphthalene        | 8.61 | 142 | 1569670 | 43.955 | ng | 98     |
| 38) 1-Methylnaphthalene        | 8.71 | 142 | 1490248 | 43.695 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.78 | 216 | 661473  | 43.145 | ng | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF062519\  
 Data File : BF115185.D  
 Acq On : 25 Jun 2019 14:14  
 Operator : HP/JU  
 Sample : PB120851BS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB120851BS

Quant Time: Jun 26 05:44:03 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF062119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 24 04:21:29 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.77  | 237  | 691446   | 76.058 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 8.88  | 196  | 506098   | 42.757 | ng    | 100      |
| 44) 2,4,5-Trichlorophenol      | 8.93  | 196  | 533312   | 43.752 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 9.07  | 154  | 1806632  | 41.616 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 9.09  | 162  | 1475001  | 41.887 | ng    | 97       |
| 48) 2-Nitroaniline             | 9.18  | 65   | 445817   | 43.425 | ng    | 97       |
| 49) Acenaphthylene             | 9.50  | 152  | 2288389  | 41.710 | ng    | 99       |
| 50) Dimethylphthalate          | 9.38  | 163  | 1676391  | 41.997 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.43  | 165  | 403731   | 43.810 | ng    | 97       |
| 52) Acenaphthene               | 9.68  | 154  | 1355602  | 39.486 | ng    | 99       |
| 53) 3-Nitroaniline             | 9.60  | 138  | 306509   | 27.255 | ng    | 93       |
| 54) 2,4-Dinitrophenol          | 9.70  | 184  | 448089   | 93.163 | ng    | 95       |
| 55) Dibenzofuran               | 9.85  | 168  | 1974400  | 40.069 | ng    | 98       |
| 56) 4-Nitrophenol              | 9.77  | 139  | 708372   | 78.569 | ng    | 94       |
| 57) 2,4-Dinitrotoluene         | 9.83  | 165  | 540985   | 45.464 | ng    | 94       |
| 58) Fluorene                   | 10.19 | 166  | 1389095  | 41.886 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 9.97  | 232  | 474512   | 46.425 | ng    | 99       |
| 60) Diethylphthalate           | 10.08 | 149  | 1661225  | 41.402 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.18 | 204  | 673492   | 42.879 | ng    | 97       |
| 62) 4-Nitroaniline             | 10.21 | 138  | 453241   | 40.174 | ng    | 98       |
| 63) Azobenzene                 | 10.34 | 77   | 1530824  | 40.846 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.24 | 198  | 264431   | 47.180 | ng    | 91       |
| 66) n-Nitrosodiphenylamine     | 10.30 | 169  | 1400890  | 42.602 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.67 | 248  | 485126   | 42.393 | ng    | 98       |
| 68) Hexachlorobenzene          | 10.73 | 284  | 529977   | 42.667 | ng    | 94       |
| 69) Atrazine                   | 10.83 | 200  | 450436   | 42.583 | ng    | 99       |
| 70) Pentachlorophenol          | 10.92 | 266  | 673471   | 85.107 | ng    | 99       |
| 71) Phenanthrene               | 11.14 | 178  | 2248784  | 39.572 | ng    | 99       |
| 72) Anthracene                 | 11.19 | 178  | 2313642  | 40.333 | ng    | 98       |
| 73) Carbazole                  | 11.34 | 167  | 2114383  | 41.277 | ng    | 98       |
| 74) Di-n-butylphthalate        | 11.69 | 149  | 2428103  | 41.021 | ng    | 98       |
| 75) Fluoranthene               | 12.32 | 202  | 2338855  | 41.250 | ng    | 98       |
| 77) Benzidine                  | 12.44 | 184  | 784565   | 24.719 | ng    | 100      |
| 78) Pyrene                     | 12.54 | 202  | 2361143  | 42.983 | ng    | 97       |
| 80) Butylbenzylphthalate       | 13.18 | 149  | 1099327  | 45.348 | ng    | 93       |
| 81) Benzo(a)anthracene         | 13.72 | 228  | 2167403  | 42.259 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.69 | 252  | 684489   | 36.957 | ng    | 99       |
| 83) Chrysene                   | 13.76 | 228  | 2068549  | 44.029 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 13.74 | 149  | 1406395  | 44.275 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.35 | 149  | 2417549  | 45.297 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.38 | 276  | 2382159  | 42.850 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 14.73 | 252  | 2372387  | 50.255 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 14.76 | 252  | 2018560  | 47.681 | ng    | 97       |
| 90) Benzo(a)pyrene             | 15.05 | 252  | 2162663  | 50.829 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.39 | 278  | 1961135  | 49.372 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 16.76 | 276  | 1984501  | 49.362 | ng    | 98       |

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



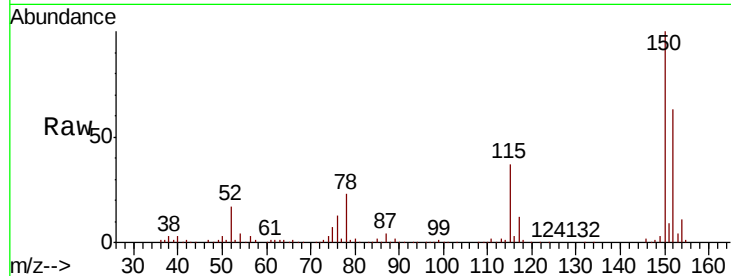


#1

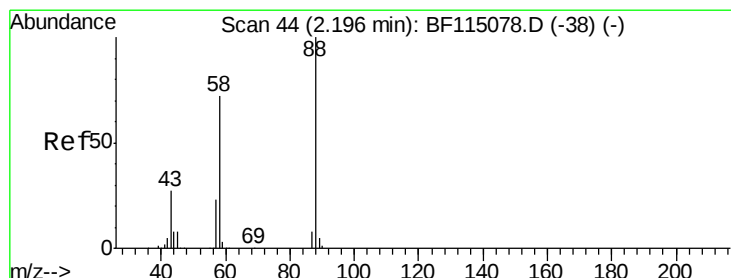
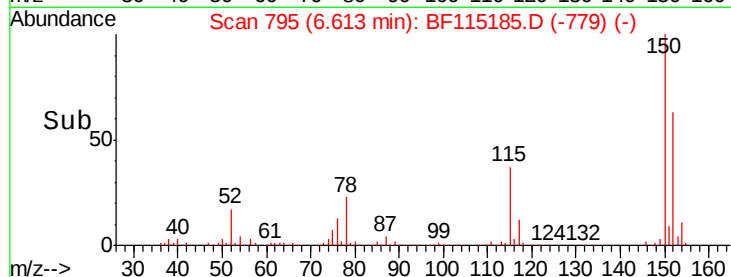
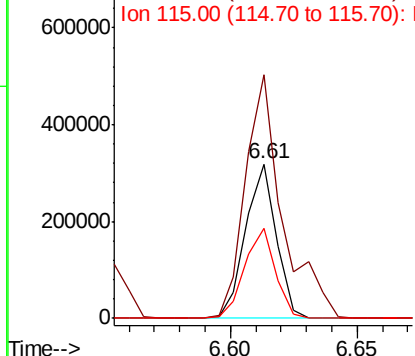
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.61 min Scan# 795  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB120851BS

Tgt Ion: 152 Resp: 269221  
Ion Ratio Lower Upper  
152 100  
150 157.6 124.2 186.2  
115 57.9 46.1 69.1



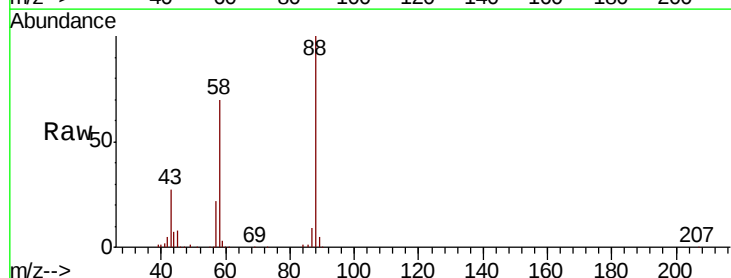
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



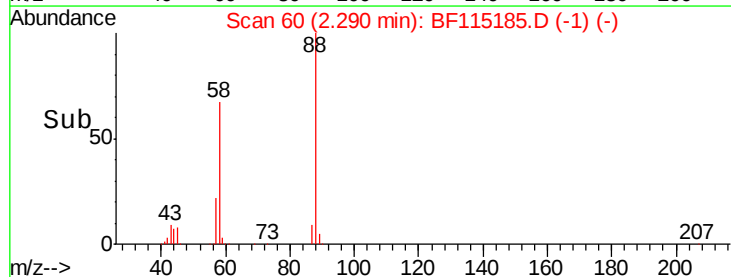
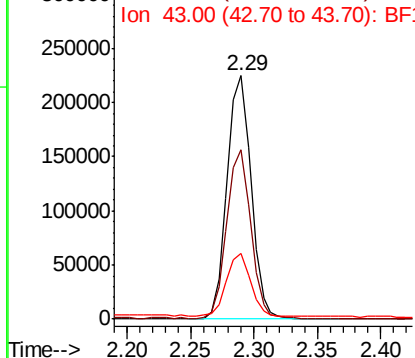
#2

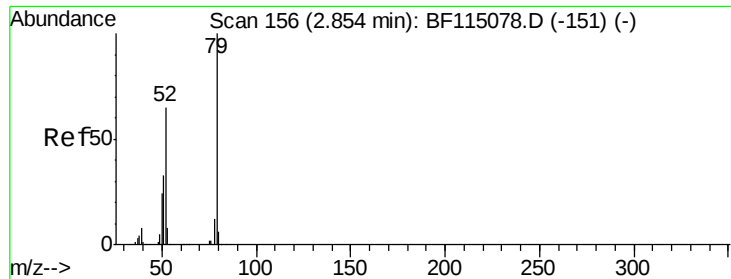
1,4-Dioxane  
Concen: 35.910 ng  
RT: 2.29 min Scan# 60  
Delta R.T. 0.09 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

Tgt Ion: 88 Resp: 295667  
Ion Ratio Lower Upper  
88 100  
58 68.6 56.1 84.1  
43 26.4 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

Pyridine

Concen: 34.614 ng

RT: 2.94 min Scan# 170

Delta R.T. 0.08 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

Instrument :

BNA\_F

ClientSampleId :

PB120851BS

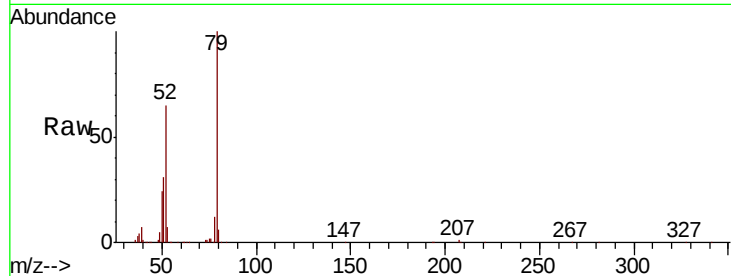
Tgt Ion: 79 Resp: 803278

Ion Ratio Lower Upper

79 100

52 65.4 52.3 78.5

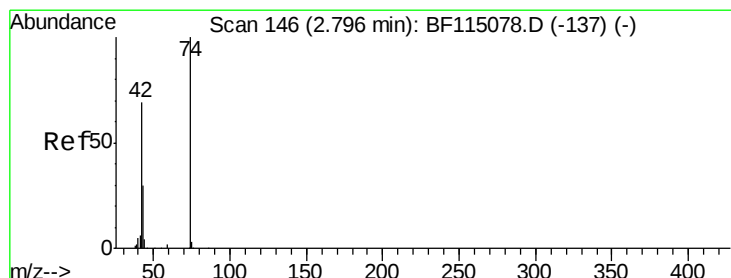
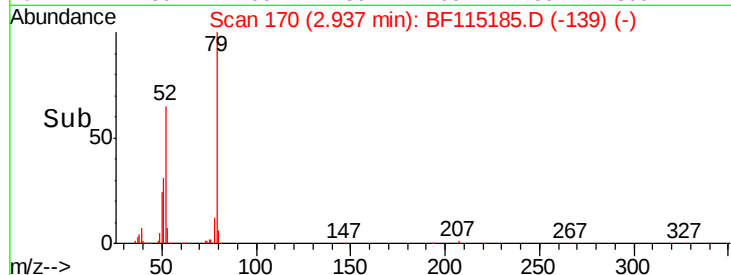
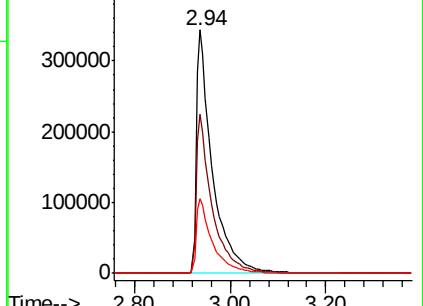
51 30.8 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.775 ng

RT: 2.88 min Scan# 161

Delta R.T. 0.09 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

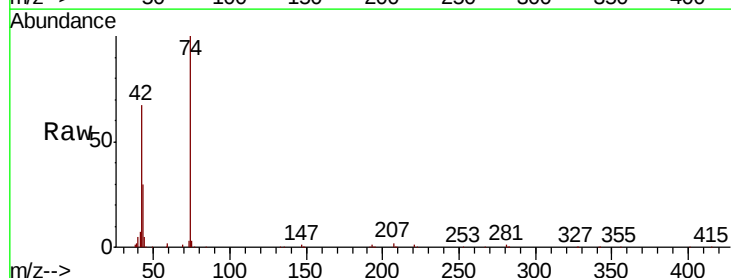
Tgt Ion: 42 Resp: 334563

Ion Ratio Lower Upper

42 100

74 148.8 116.6 175.0

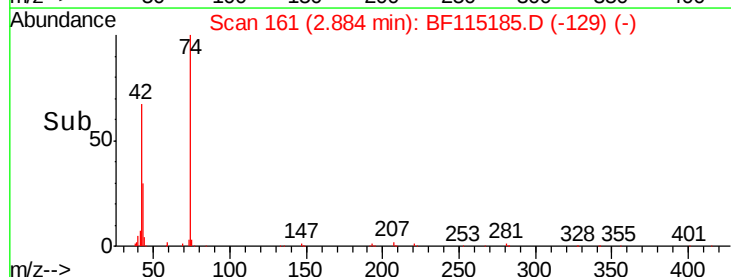
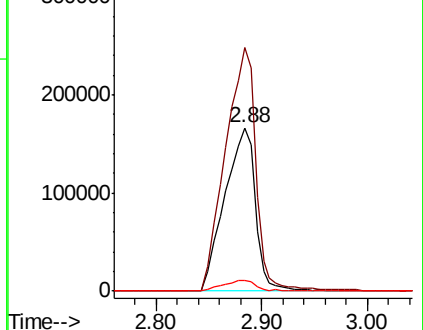
44 6.8 5.3 7.9



Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 108.875 ng

RT: 5.22 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

Instrument :

BNA\_F

ClientSampleId :

PB120851BS

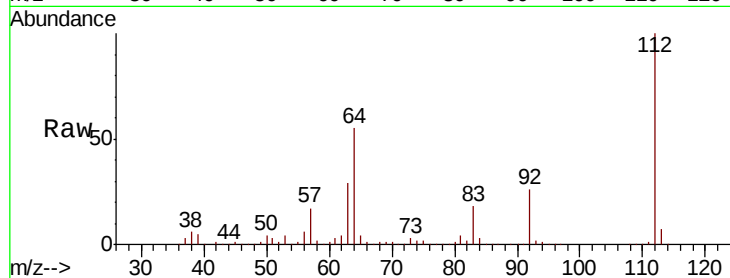
Tgt Ion: 112 Resp: 1899435

Ion Ratio Lower Upper

112 100

64 54.8 43.8 65.6

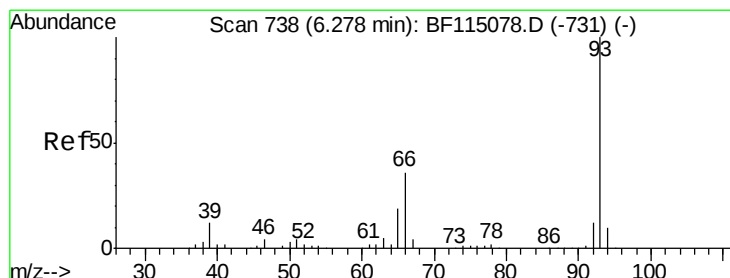
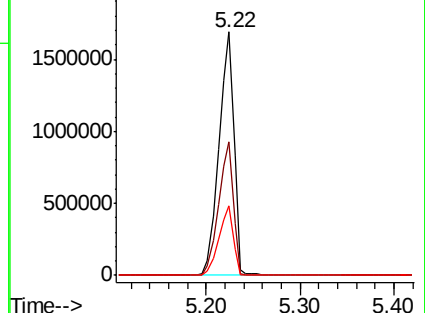
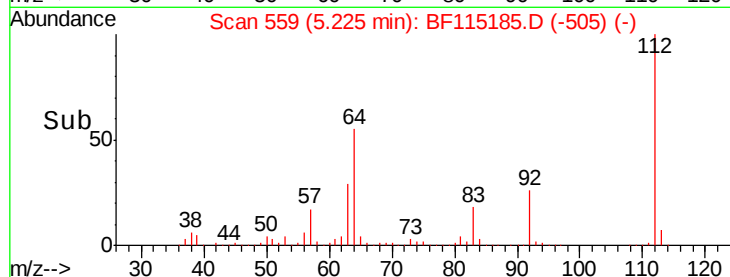
63 28.5 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.379 ng

RT: 6.27 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

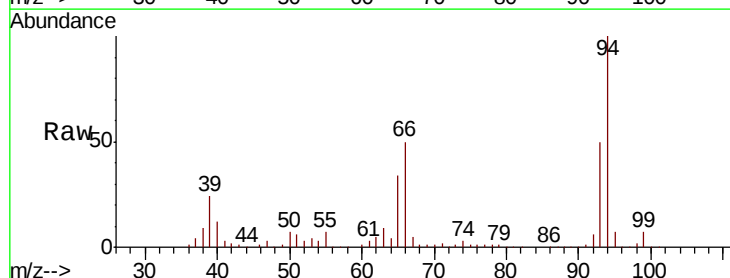
Tgt Ion: 93 Resp: 709488

Ion Ratio Lower Upper

93 100

66 101.2 30.0 45.0#

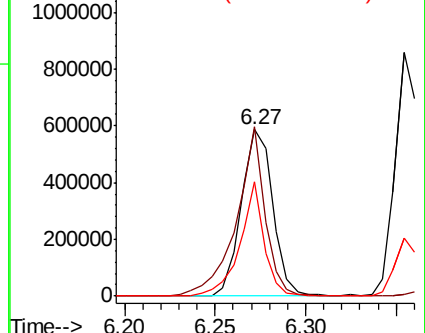
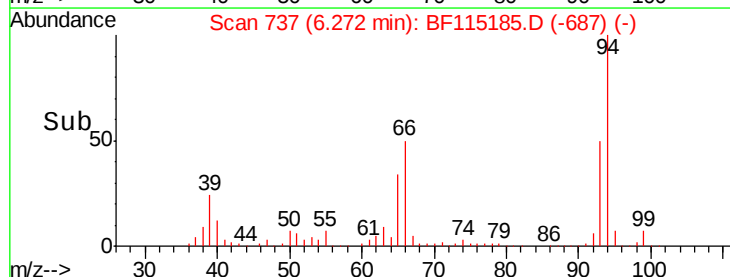
65 68.3 15.6 23.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.800 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

Instrument :

BNA\_F

ClientSampleId :

PB120851BS

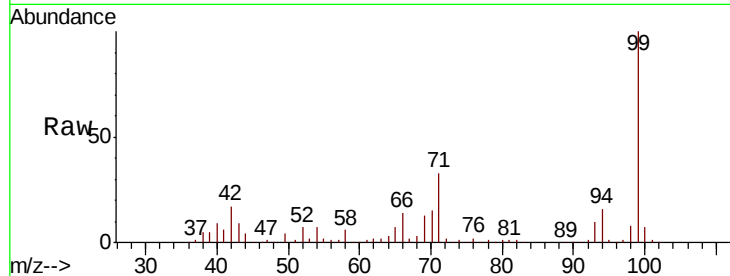
Tgt Ion: 99 Resp: 2346208

Ion Ratio Lower Upper

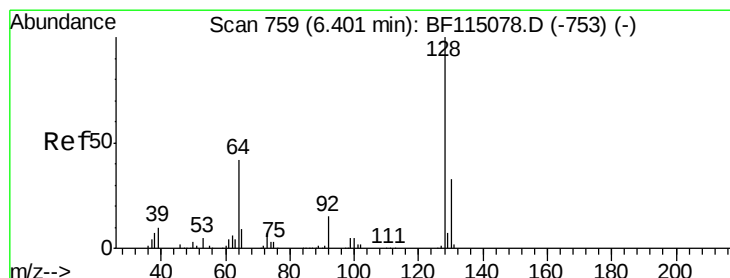
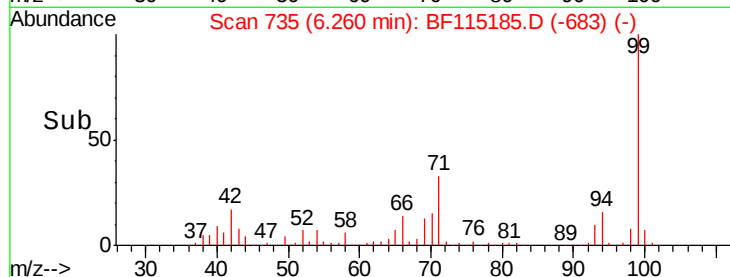
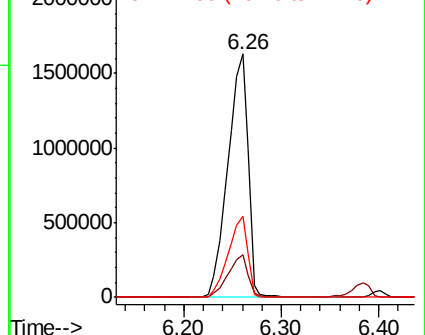
99 100

42 17.3 13.6 20.4

71 33.3 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: 40.940 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

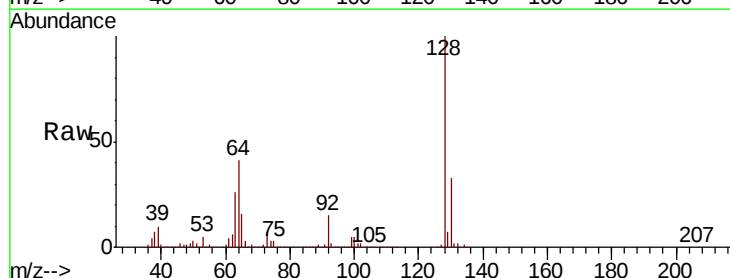
Tgt Ion:128 Resp: 803126

Ion Ratio Lower Upper

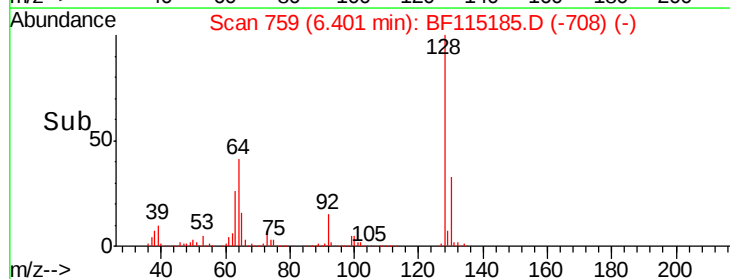
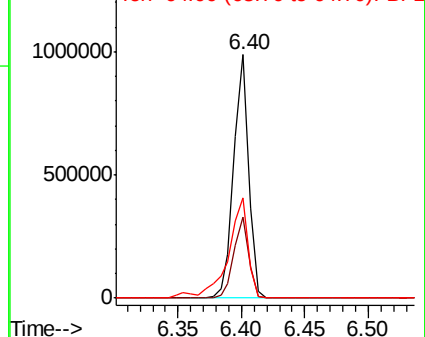
128 100

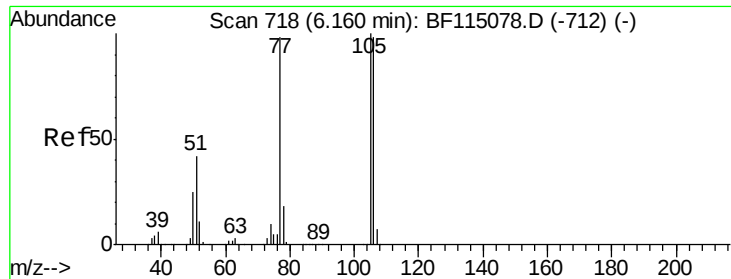
130 33.4 12.9 52.9

64 41.3 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: 8.035 ng

RT: 6.15 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

Instrument :

BNA\_F

ClientSampleId :

PB120851BS

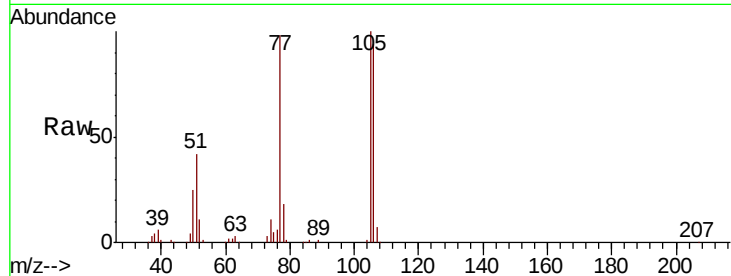
Tgt Ion: 77 Resp: 111005

Ion Ratio Lower Upper

77 100

105 101.8 81.5 121.5

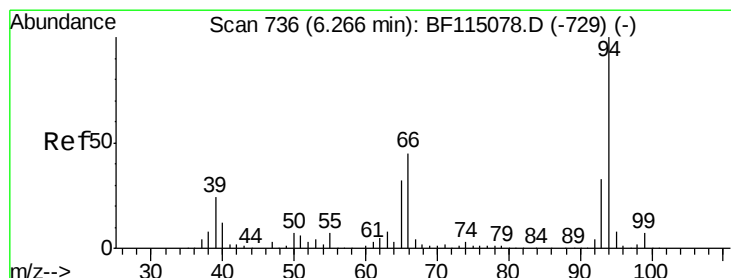
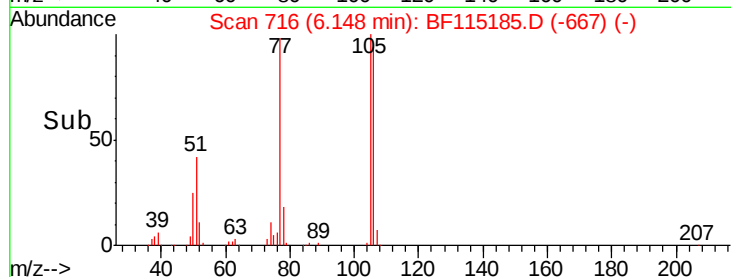
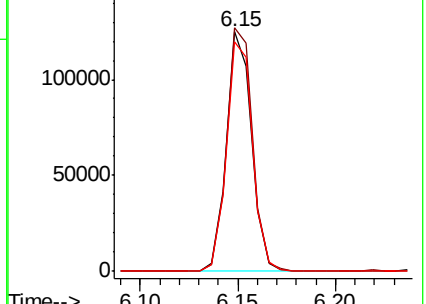
106 95.9 79.7 119.7



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: 37.280 ng

RT: 6.27 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

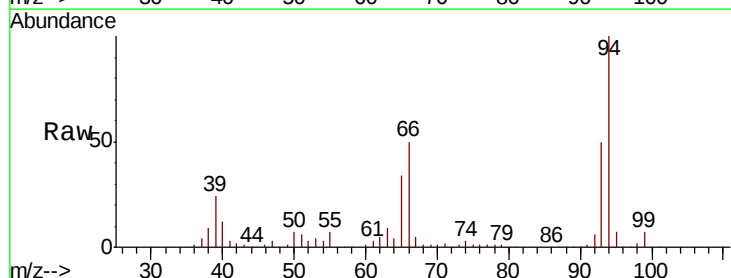
Tgt Ion: 94 Resp: 924702

Ion Ratio Lower Upper

94 100

65 34.0 11.9 51.9

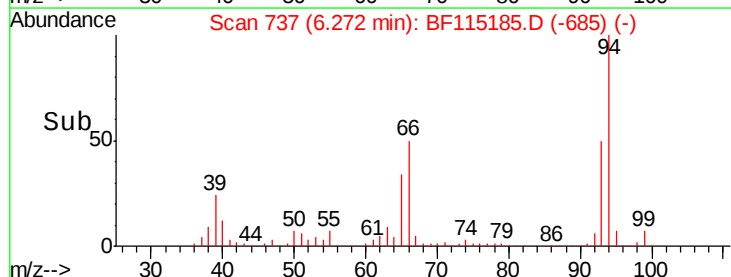
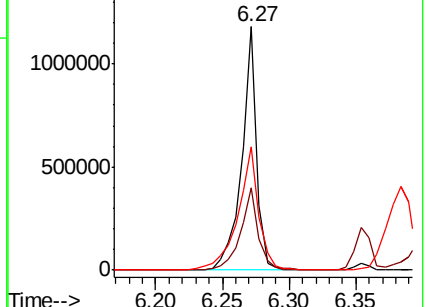
66 50.4 25.2 65.2



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

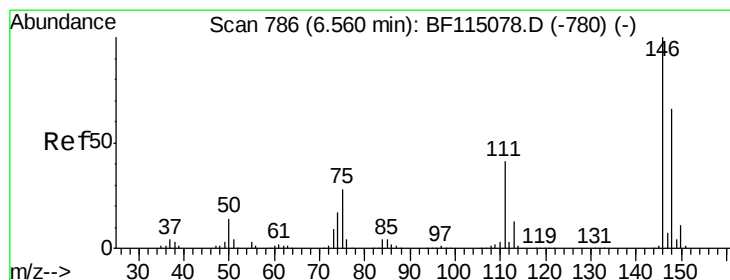
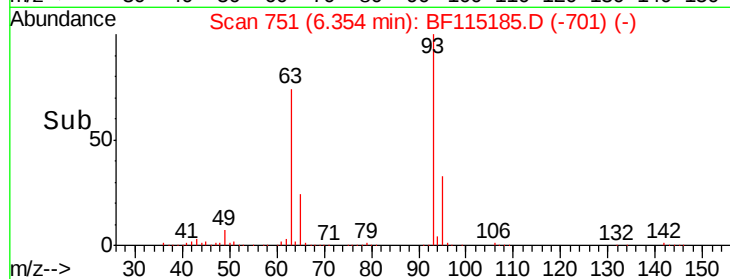
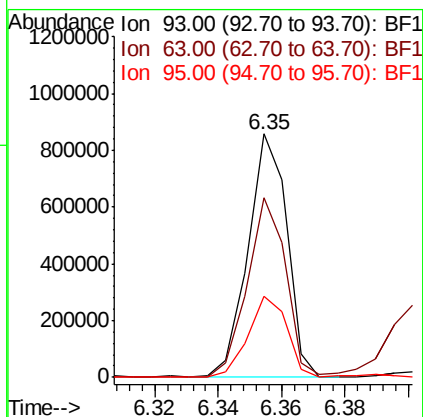
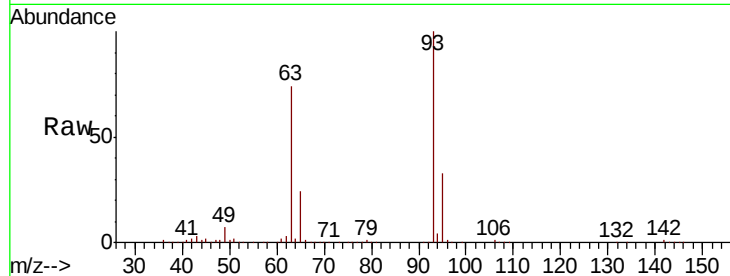




#11  
bis(2-Chloroethyl)ether  
Concen: 39.743 ng  
RT: 6.35 min Scan# 751  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

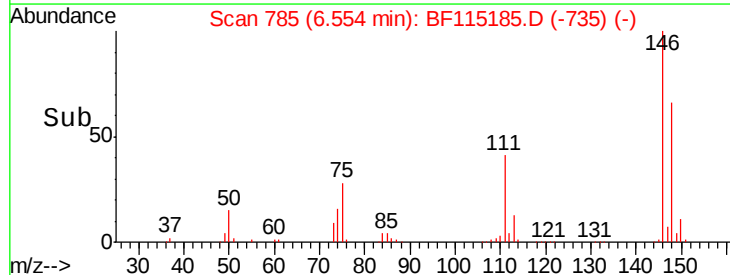
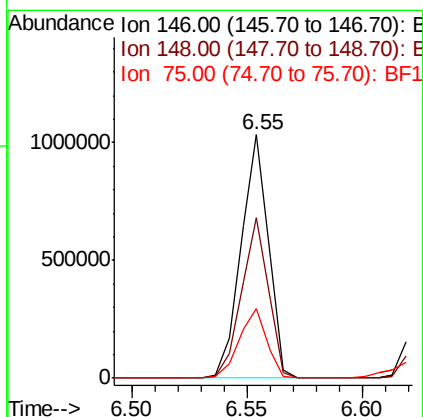
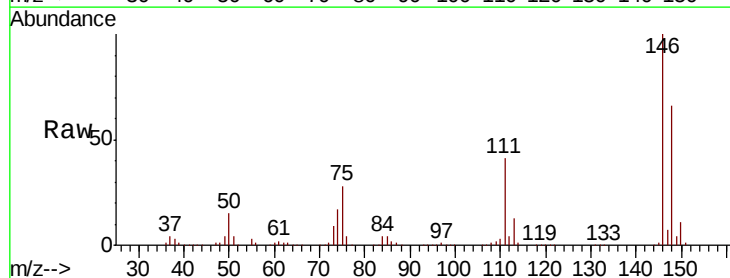
Instrument :  
BNA\_F  
ClientSampleId :  
PB120851BS

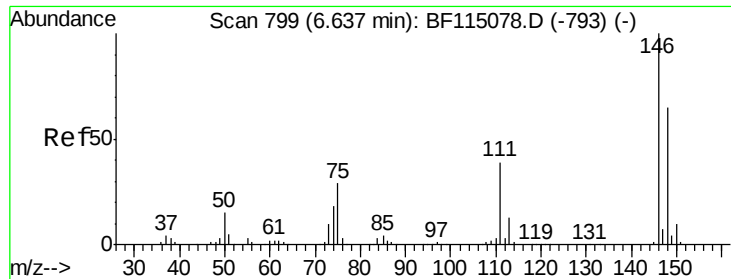
Tgt Ion: 93 Resp: 726660  
Ion Ratio Lower Upper  
93 100  
63 74.0 51.5 91.5  
95 33.1 13.4 53.4



#12  
1,3-Dichlorobenzene  
Concen: 39.074 ng  
RT: 6.55 min Scan# 785  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

Tgt Ion: 146 Resp: 850700  
Ion Ratio Lower Upper  
146 100  
148 65.7 52.6 78.8  
75 28.4 22.6 34.0

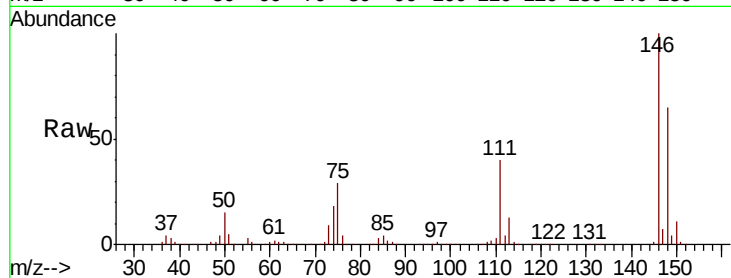




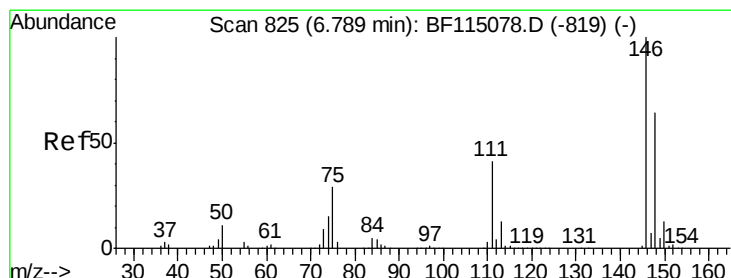
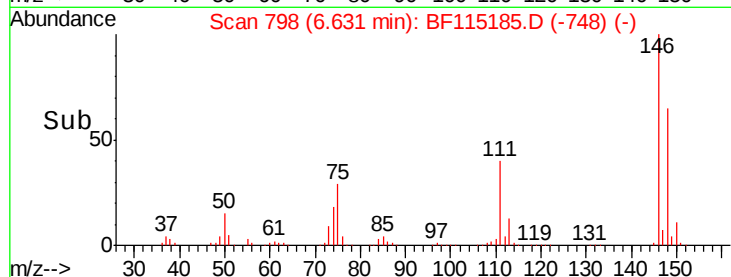
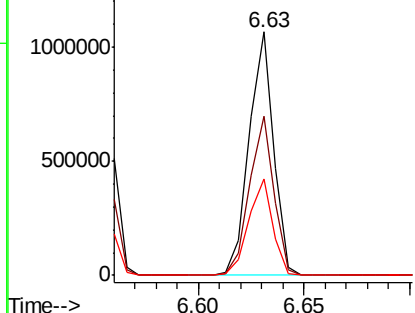
#13  
 1,4-Dichlorobenzene  
 Concen: 39.332 ng  
 RT: 6.63 min Scan# 798  
 Delta R.T. -0.01 min  
 Lab File: BF115185.D  
 Acq: 25 Jun 2019 14:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB120851BS

Tgt Ion:146 Resp: 858685  
 Ion Ratio Lower Upper  
 146 100  
 148 65.3 51.9 77.9  
 111 39.7 31.4 47.0

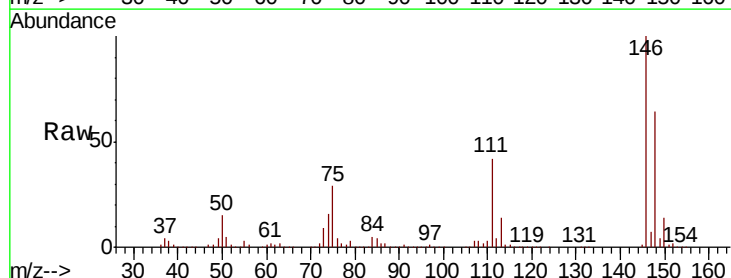


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

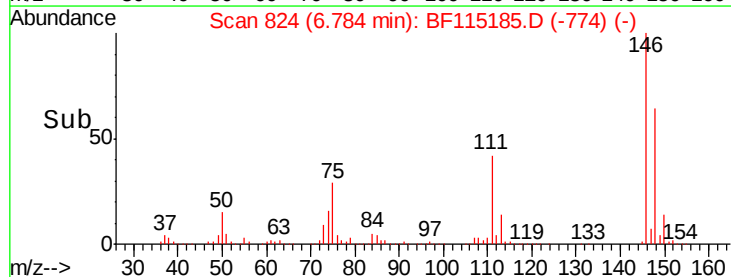
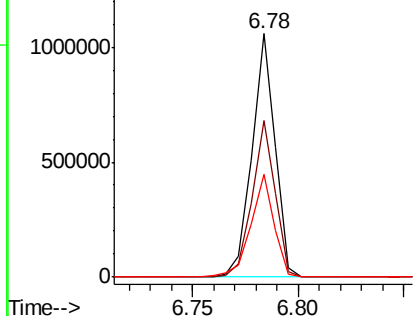


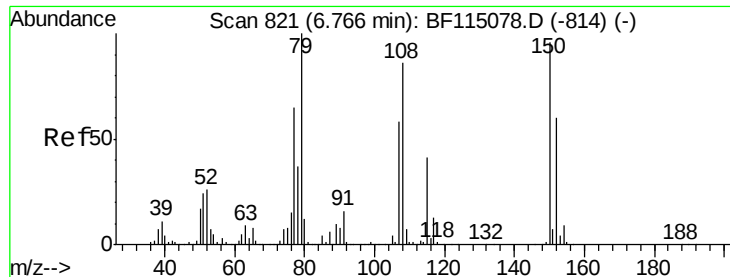
#14  
 1,2-Dichlorobenzene  
 Concen: 39.710 ng  
 RT: 6.78 min Scan# 824  
 Delta R.T. -0.01 min  
 Lab File: BF115185.D  
 Acq: 25 Jun 2019 14:14

Tgt Ion:146 Resp: 802847  
 Ion Ratio Lower Upper  
 146 100  
 148 64.2 51.1 76.7  
 111 42.5 33.2 49.8



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





#15

Benzyl Alcohol

Concen: 34.776 ng

RT: 6.76 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

Instrument :

BNA\_F

ClientSampleId :

PB120851BS

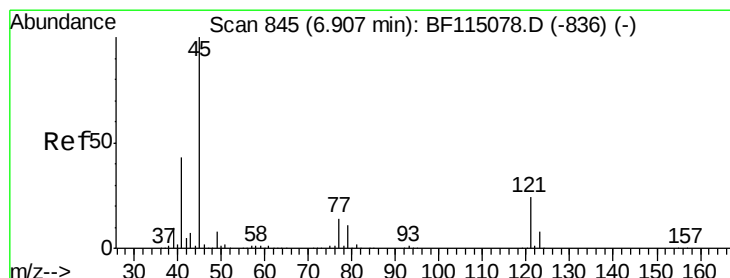
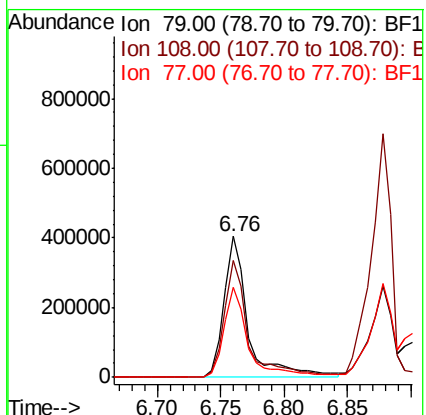
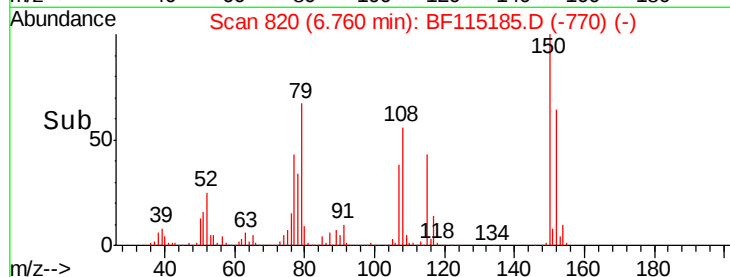
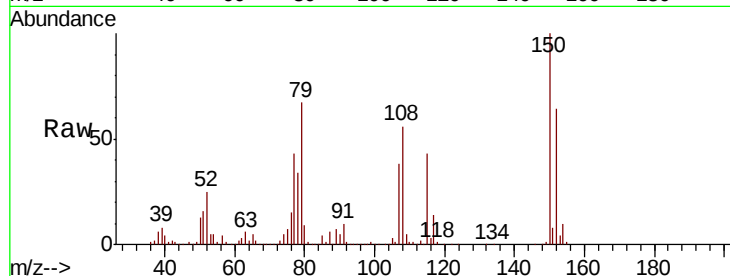
Tgt Ion: 79 Resp: 536214

Ion Ratio Lower Upper

79 100

108 82.8 68.7 103.1

77 63.5 51.7 77.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.119 ng

RT: 6.90 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

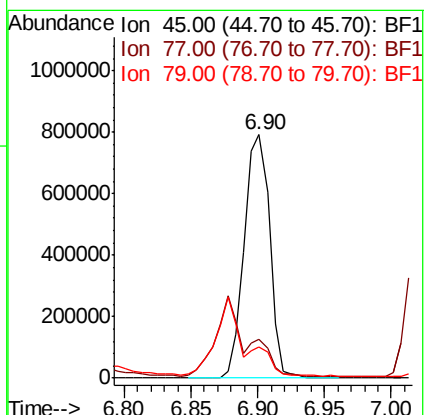
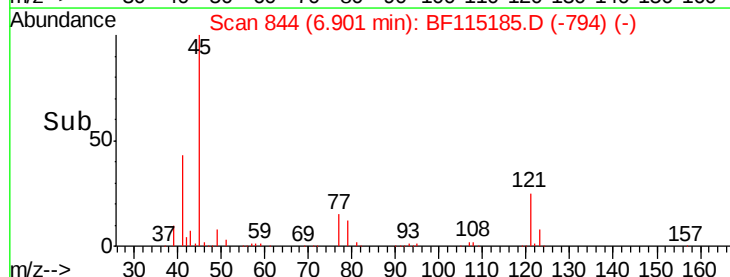
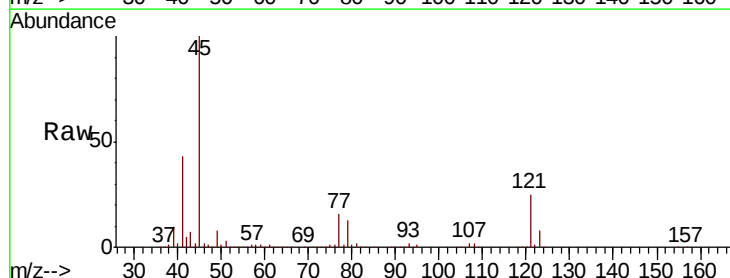
Tgt Ion: 45 Resp: 1037384

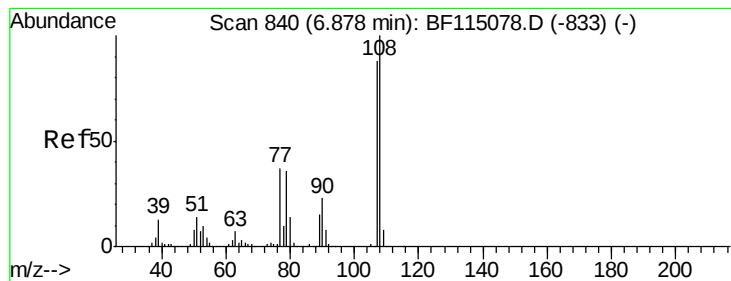
Ion Ratio Lower Upper

45 100

77 16.0 0.0 34.6

79 12.7 0.0 31.2





#17

2-Methylphenol

Concen: 43.369 ng

RT: 6.88 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

Instrument :

BNA\_F

ClientSampleId :

PB120851BS

Tgt Ion:107 Resp: 702240

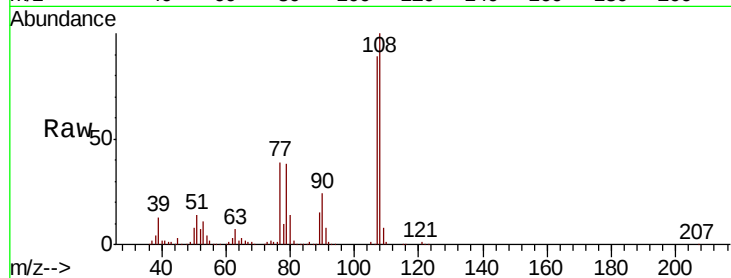
Ion Ratio Lower Upper

107 100

108 112.1 90.9 136.3

77 43.3 33.4 50.2

79 42.3 32.3 48.5



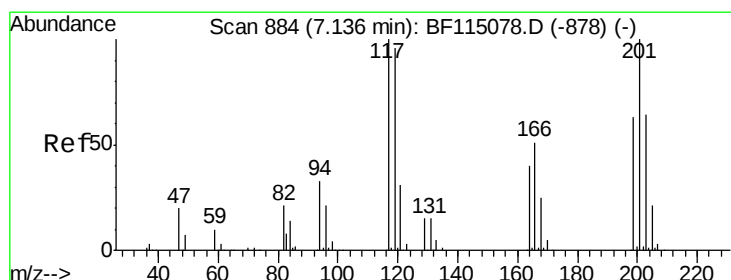
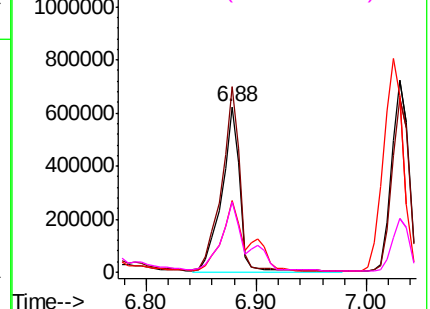
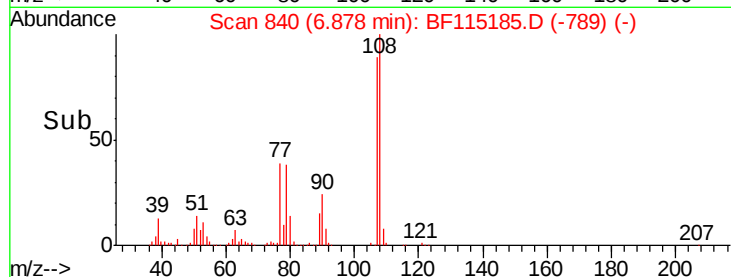
Abundance

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: 38.910 ng

RT: 7.12 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

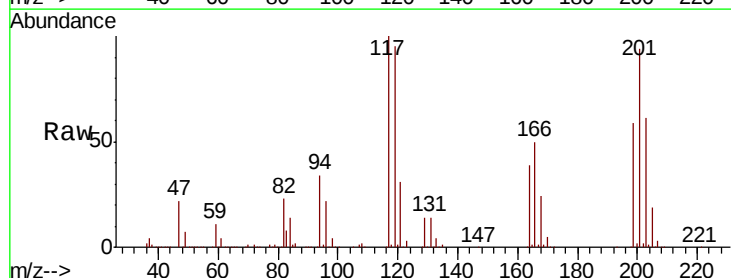
Tgt Ion:117 Resp: 306246

Ion Ratio Lower Upper

117 100

119 94.6 76.6 114.8

201 93.8 80.2 120.2

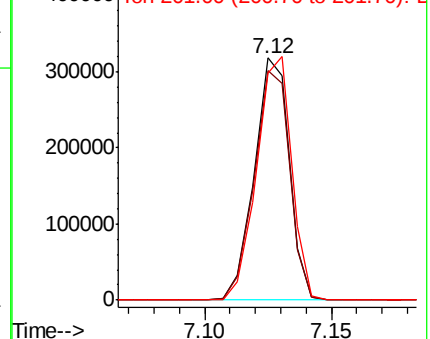
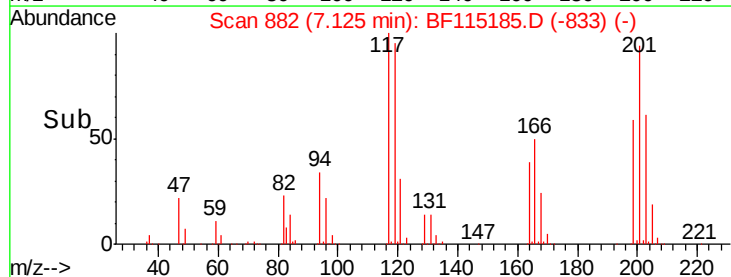


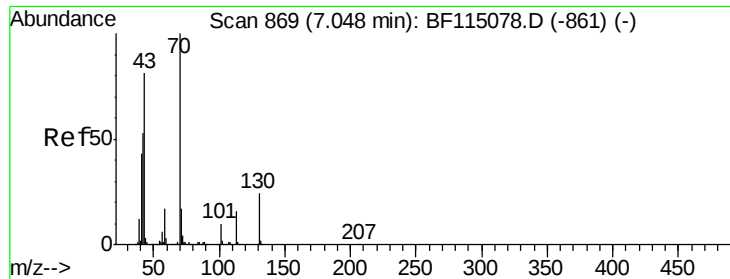
Abundance

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

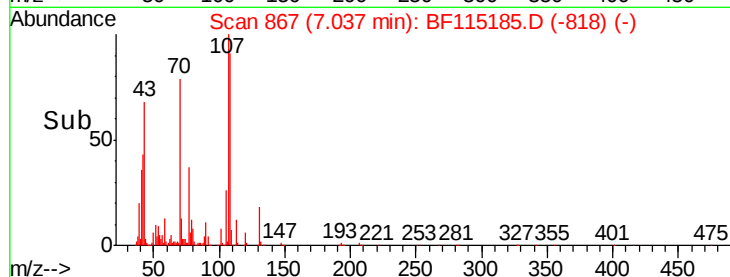
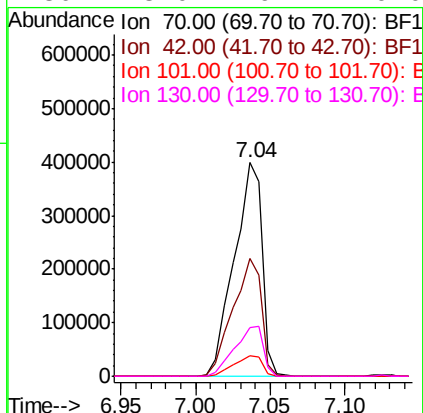
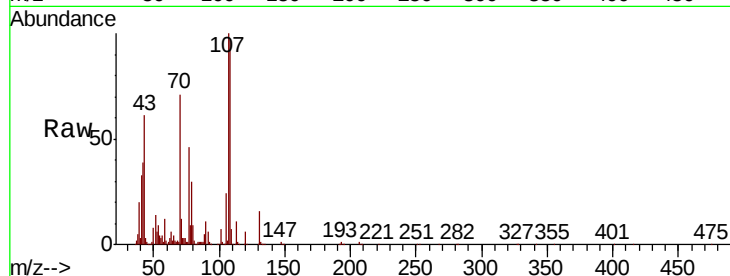




#19  
n-Nitroso-di-n-propylamine  
Concen: 38.298 ng  
RT: 7.04 min Scan# 867  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

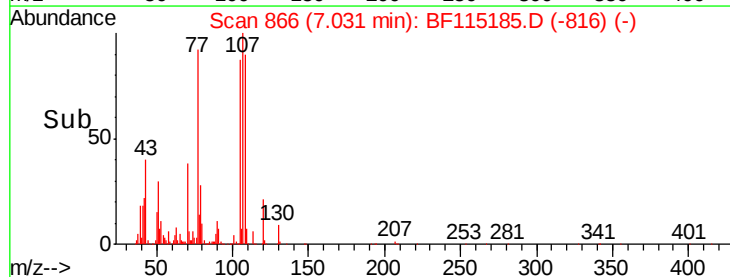
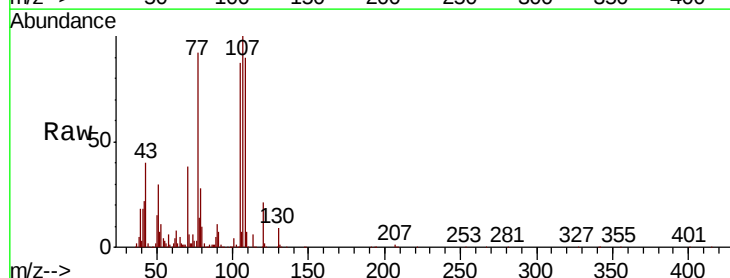
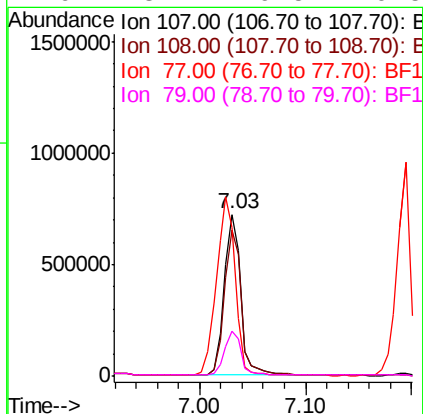
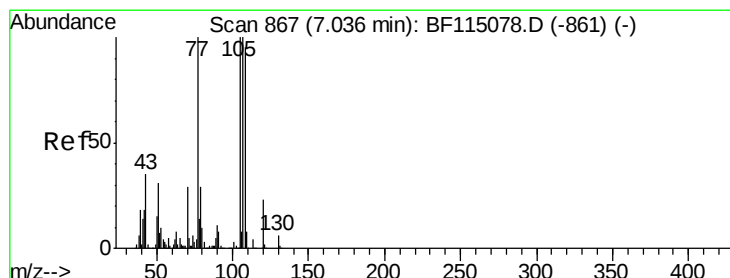
Instrument :  
BNA\_F  
ClientSampleId :  
PB120851BS

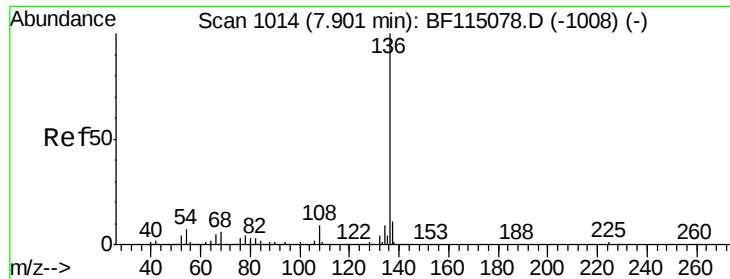
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 519190 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 55.1  | 42.6  | 63.8   |
| 101      | 9.9   | 8.0   | 12.0   |
| 130      | 23.0  | 19.4  | 29.0   |



#20  
3+4-Methylphenols  
Concen: 42.020 ng  
RT: 7.03 min Scan# 866  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 785654 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 90.4  | 75.5  | 115.5  |
| 77       | 92.0  | 80.2  | 120.2  |
| 79       | 28.1  | 9.5   | 49.5   |

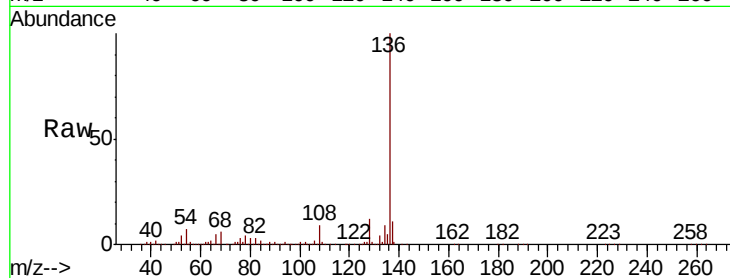




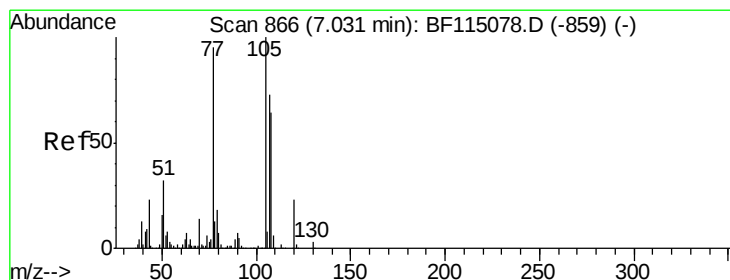
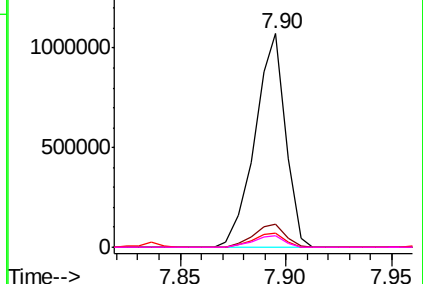
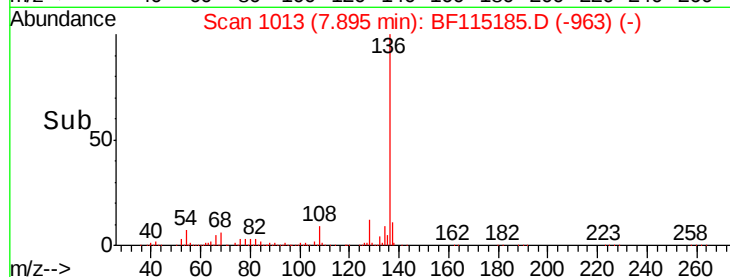
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.90 min Scan# 1013  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB120851BS

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 136   | Resp: | 1078953 |
| Ion      | Ratio | Lower | Upper   |
| 136      | 100   |       |         |
| 137      | 10.9  | 8.9   | 13.3    |
| 54       | 6.8   | 5.6   | 8.4     |
| 68       | 5.7   | 4.8   | 7.2     |

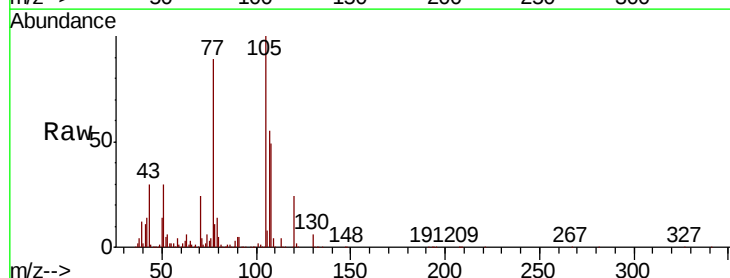


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

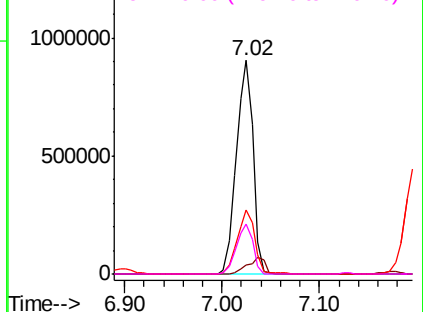
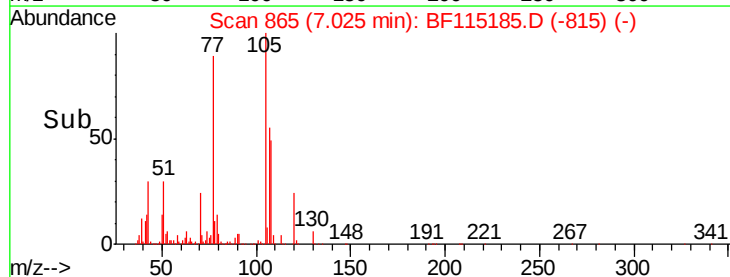


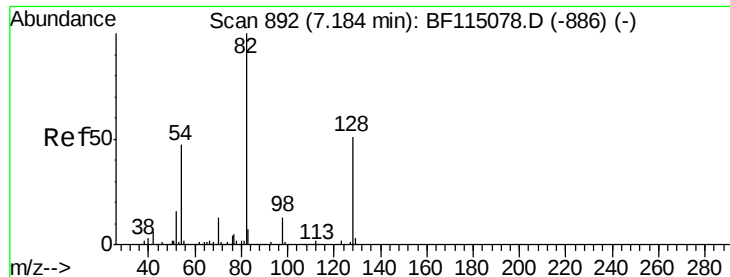
#22  
Acetophenone  
Concen: 43.144 ng  
RT: 7.02 min Scan# 865  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 105   | Resp: | 1065699 |
| Ion      | Ratio | Lower | Upper   |
| 105      | 100   |       |         |
| 71       | 3.9   | 1.9   | 2.9#    |
| 51       | 29.7  | 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

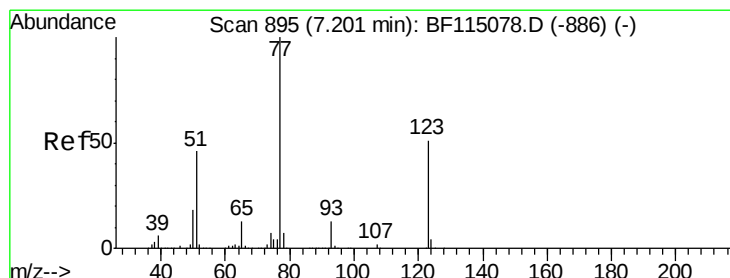
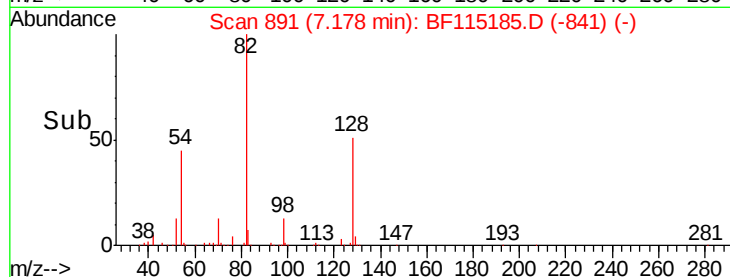
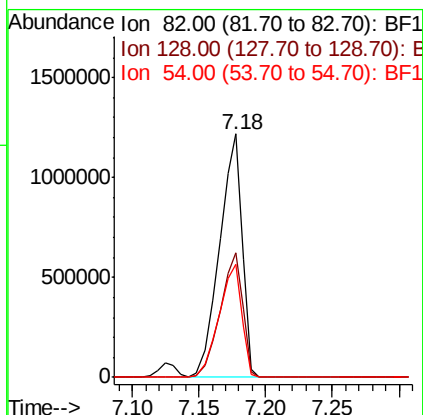
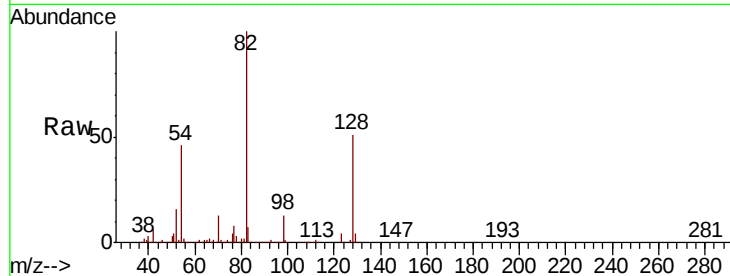




#23  
 Nitrobenzene-d5  
 Concen: 82.939 ng  
 RT: 7.18 min Scan# 891  
 Delta R.T. -0.01 min  
 Lab File: BF115185.D  
 Acq: 25 Jun 2019 14:14

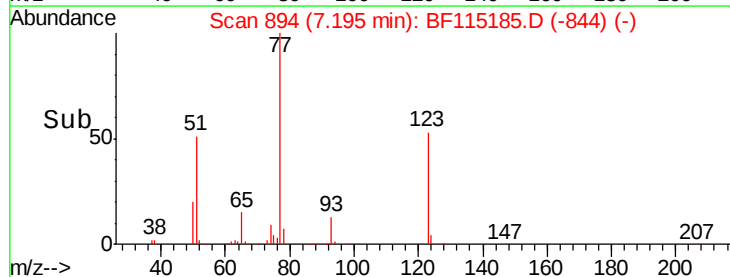
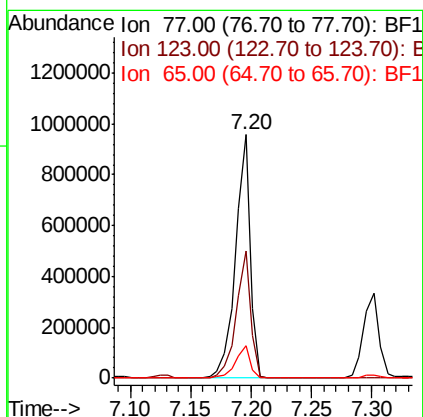
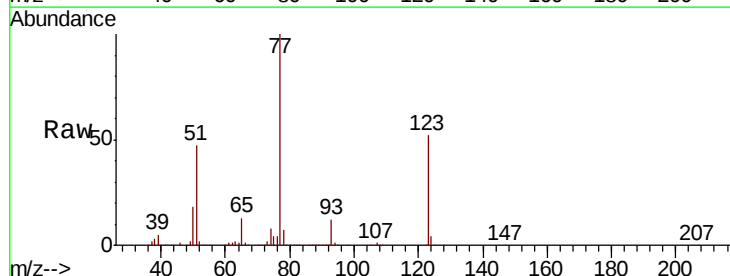
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB120851BS

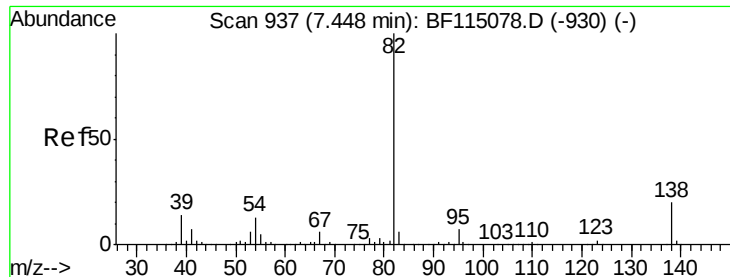
Tgt Ion: 82 Resp: 1454721  
 Ion Ratio Lower Upper  
 82 100  
 128 51.3 40.4 60.6  
 54 46.4 37.5 56.3



#24  
 Nitrobenzene  
 Concen: 42.375 ng  
 RT: 7.20 min Scan# 894  
 Delta R.T. -0.01 min  
 Lab File: BF115185.D  
 Acq: 25 Jun 2019 14:14

Tgt Ion: 77 Resp: 818812  
 Ion Ratio Lower Upper  
 77 100  
 123 52.4 41.0 61.6  
 65 13.2 10.5 15.7





#25

Isophorone

Concen: 41.442 ng

RT: 7.44 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

Instrument :

BNA\_F

ClientSampleId :

PB120851BS

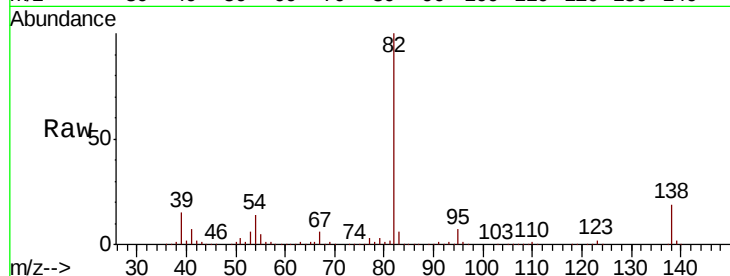
Tgt Ion: 82 Resp: 1489038

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

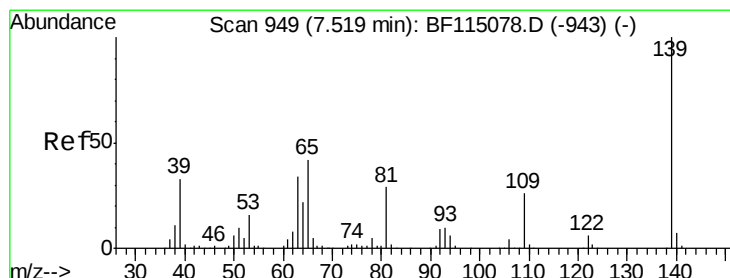
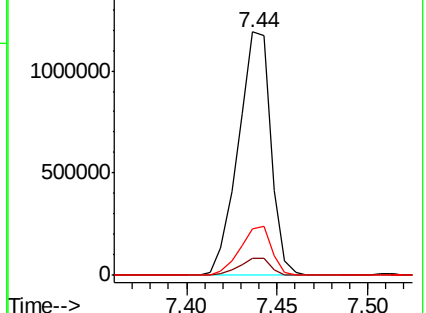
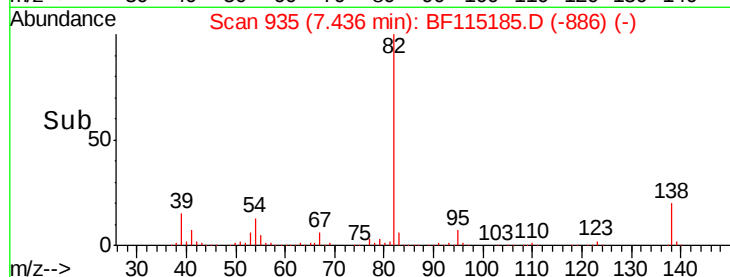
138 19.3 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 48.923 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

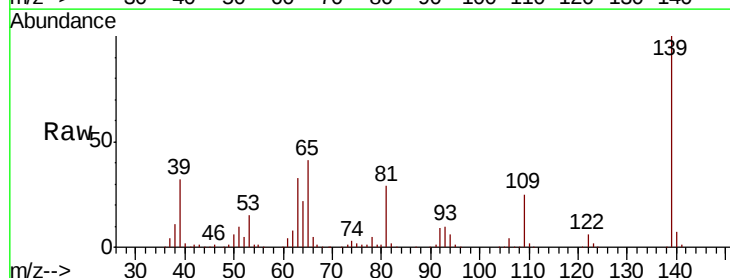
Tgt Ion: 139 Resp: 466847

Ion Ratio Lower Upper

139 100

109 25.2 20.4 30.6

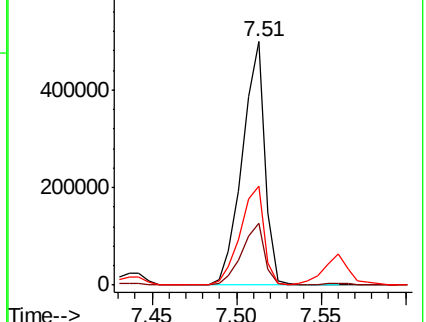
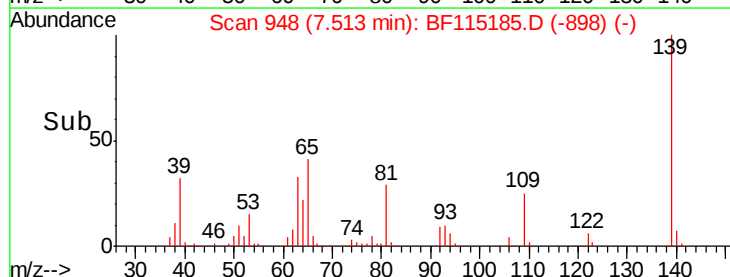
65 40.7 33.6 50.4

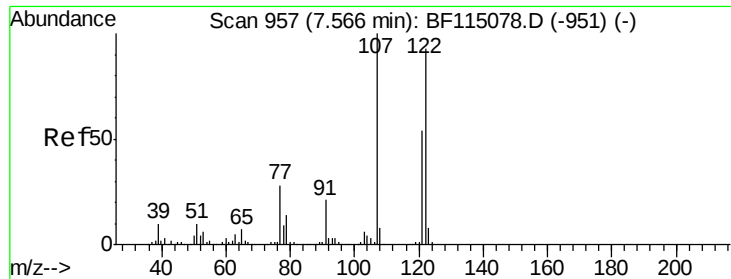


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

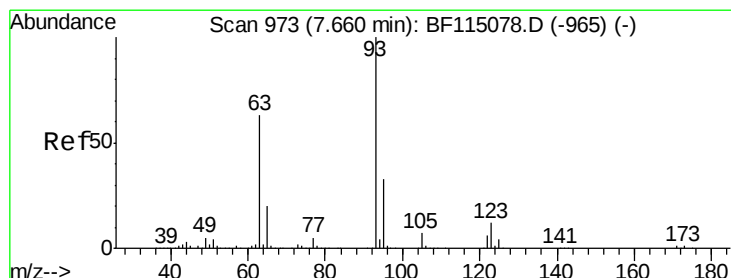
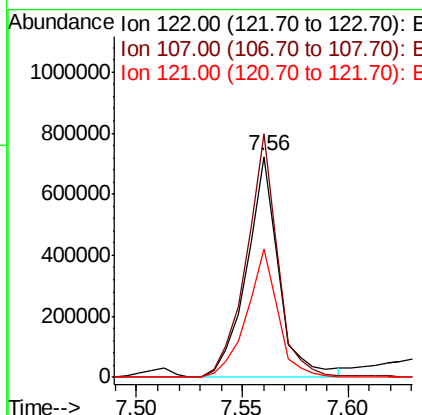
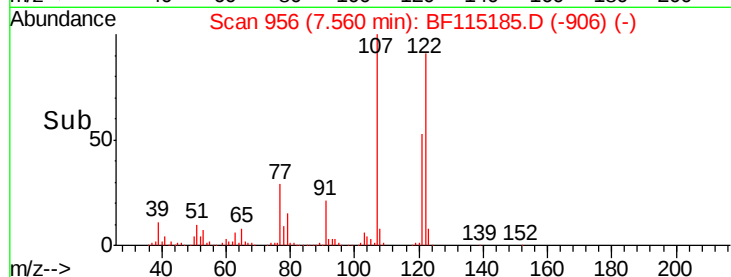
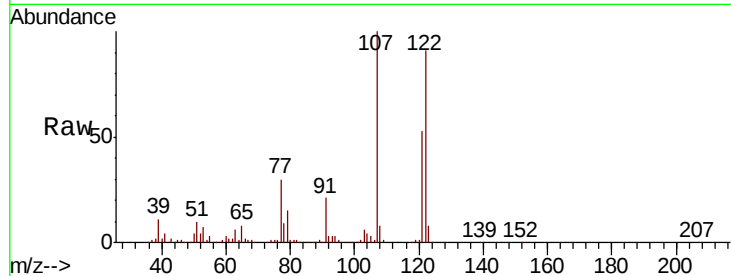




#27  
 2,4-Dimethylphenol  
 Concen: 49.256 ng  
 RT: 7.56 min Scan# 956  
 Delta R.T. -0.01 min  
 Lab File: BF115185.D  
 Acq: 25 Jun 2019 14:14

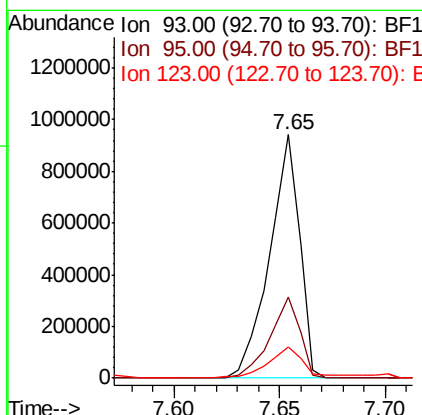
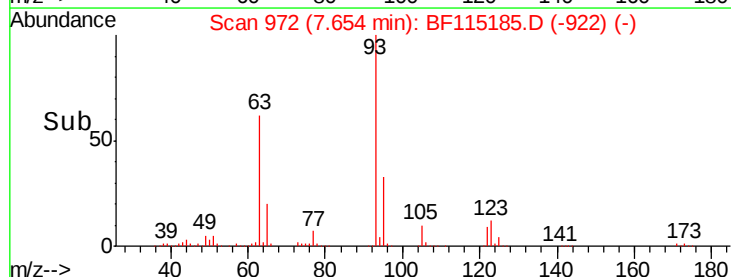
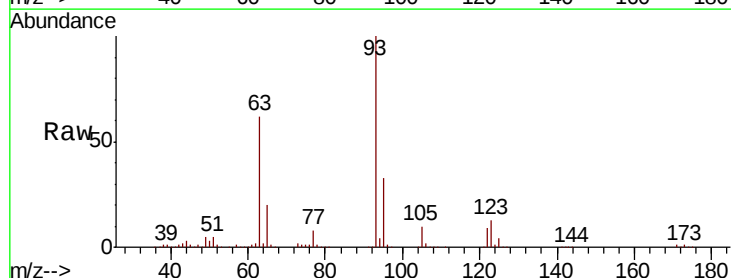
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB120851BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 110.3 | 85.8  | 128.6 |
| 121     | 58.5  | 46.3  | 69.5  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 41.005 ng  
 RT: 7.65 min Scan# 972  
 Delta R.T. -0.01 min  
 Lab File: BF115185.D  
 Acq: 25 Jun 2019 14:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.3  | 26.2  | 39.4  |
| 123     | 12.5  | 9.7   | 14.5  |

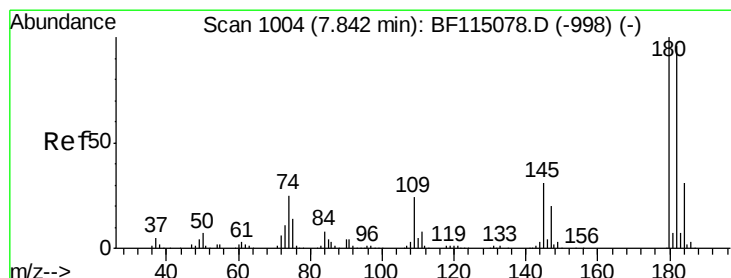
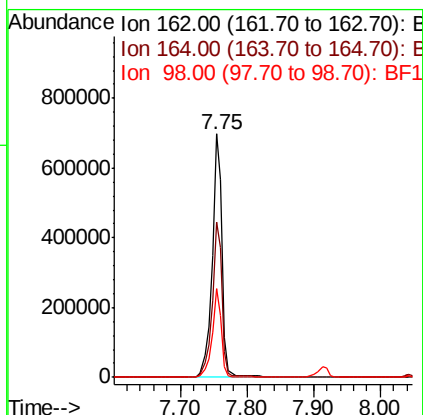
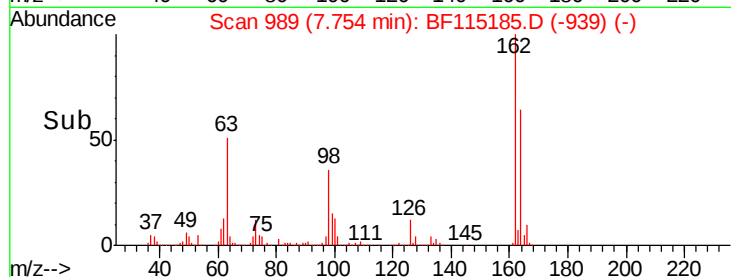
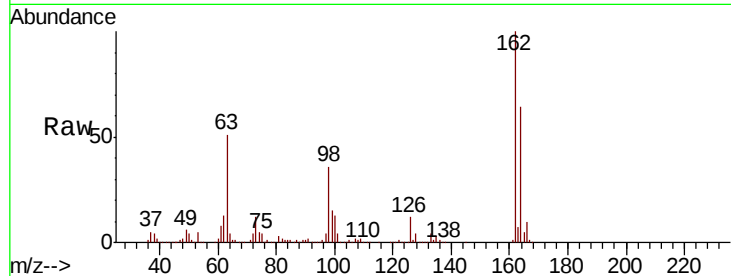




#29  
2,4-Dichlorophenol  
Concen: 44.524 ng  
RT: 7.75 min Scan# 989  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

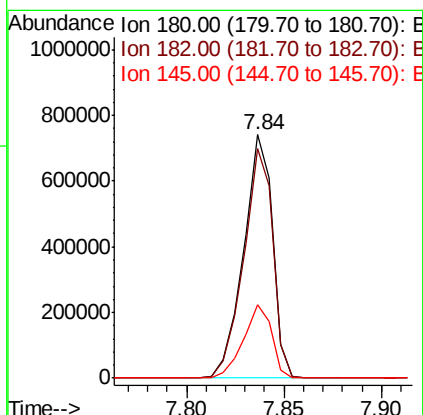
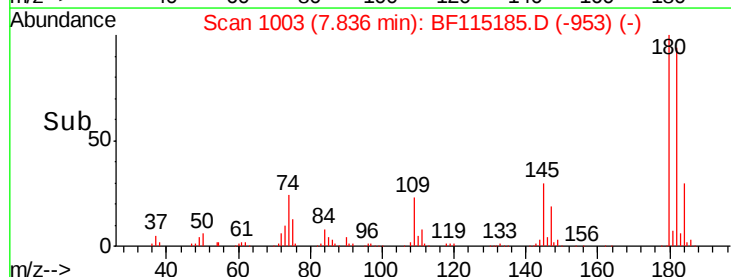
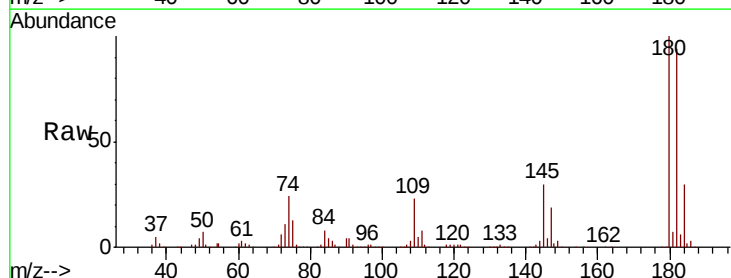
Instrument :  
BNA\_F  
ClientSampleId :  
PB120851BS

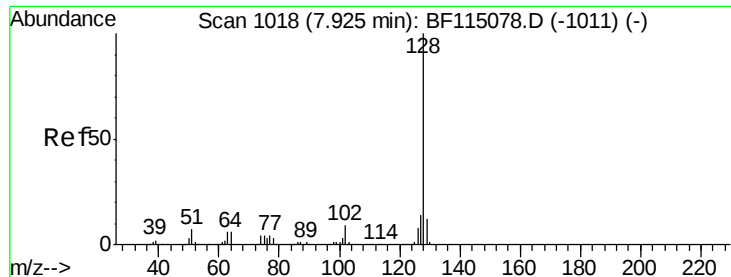
Tgt Ion:162 Resp: 717895  
Ion Ratio Lower Upper  
162 100  
164 63.7 45.3 85.3  
98 36.2 12.5 52.5



#30  
1,2,4-Trichlorobenzene  
Concen: 42.619 ng  
RT: 7.84 min Scan# 1003  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

Tgt Ion:180 Resp: 759049  
Ion Ratio Lower Upper  
180 100  
182 94.1 76.4 114.6  
145 30.2 24.8 37.2

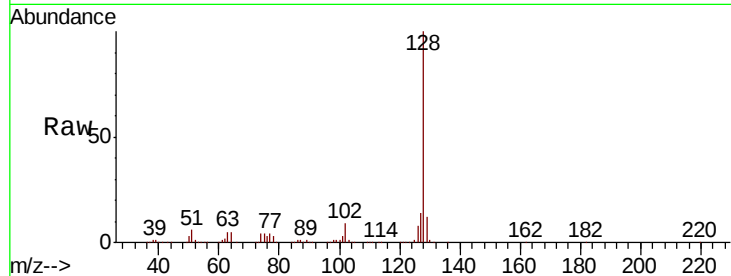




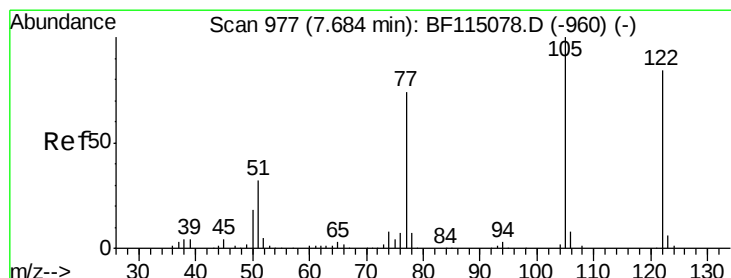
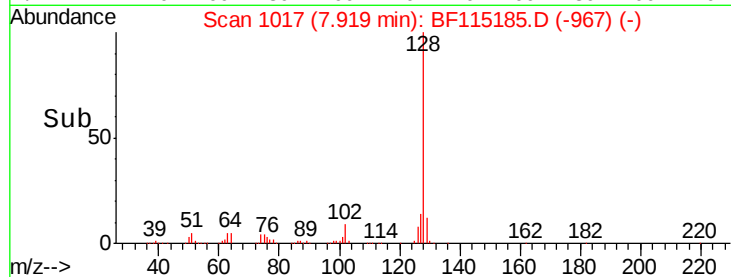
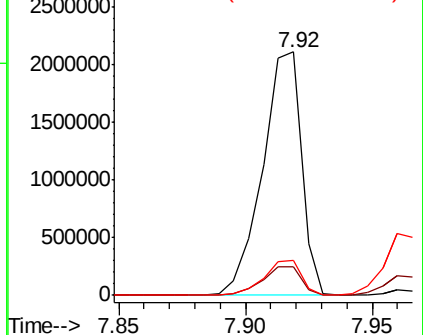
#31  
Naphthalene  
Concen: 42.553 ng  
RT: 7.92 min Scan# 1017  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB120851BS

Tgt Ion:128 Resp: 2253732  
Ion Ratio Lower Upper  
128 100  
129 11.8 9.6 14.4  
127 14.4 11.4 17.0

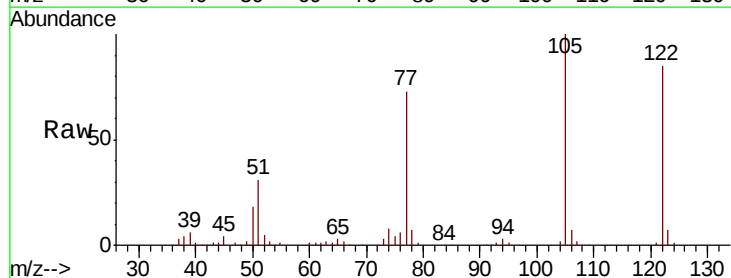


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

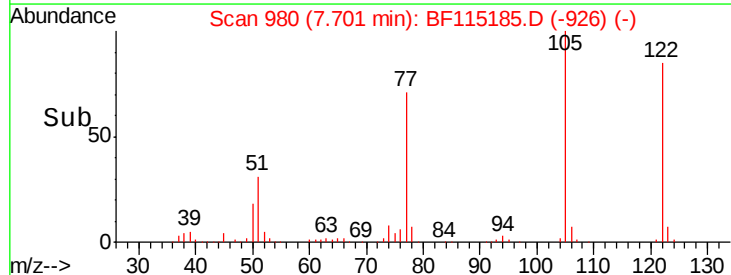
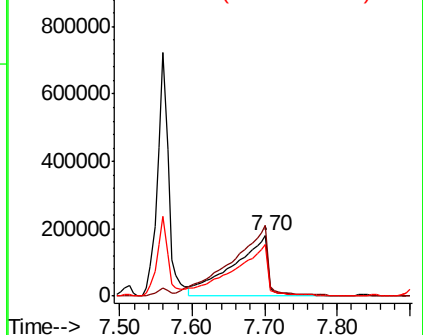


#32  
Benzoic acid  
Concen: 53.777 ng  
RT: 7.70 min Scan# 980  
Delta R.T. 0.02 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

Tgt Ion:122 Resp: 599753  
Ion Ratio Lower Upper  
122 100  
105 117.3 98.2 138.2  
77 85.4 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

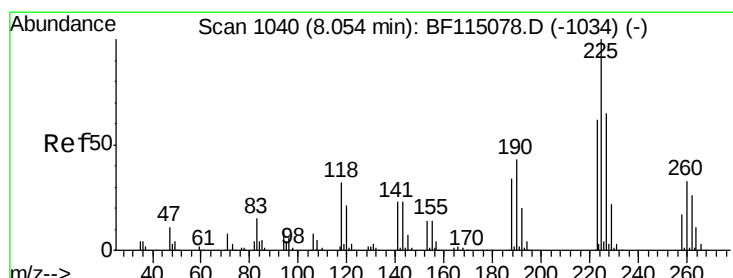
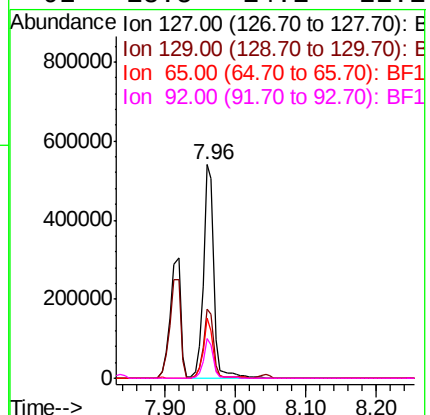
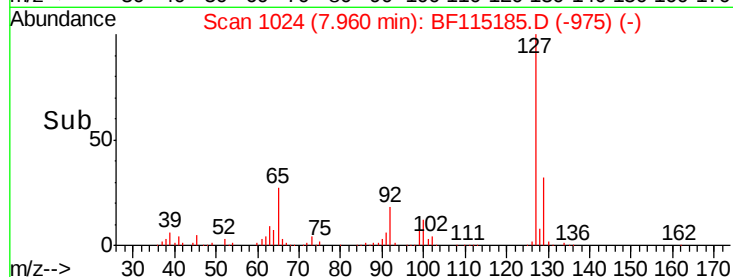
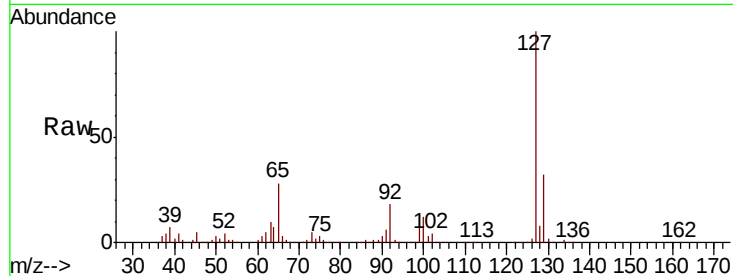




#33  
4-Chloroaniline  
Concen: 23.147 ng  
RT: 7.96 min Scan# 1024  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

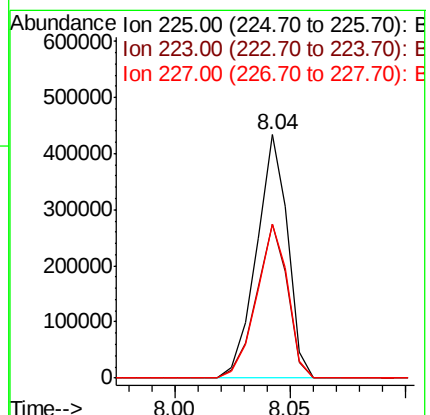
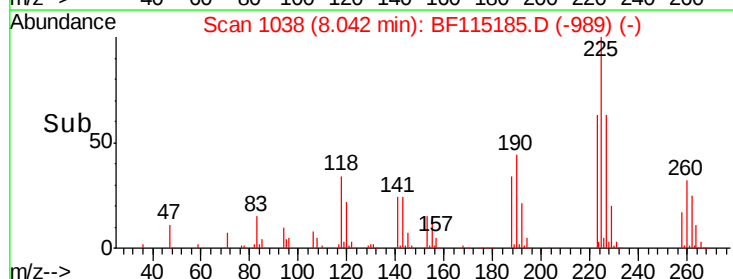
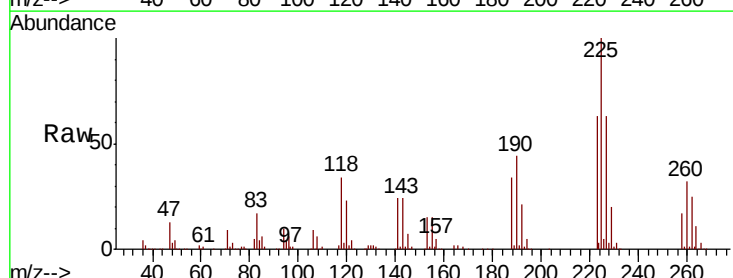
Instrument :  
BNA\_F  
ClientSampleId :  
PB120851BS

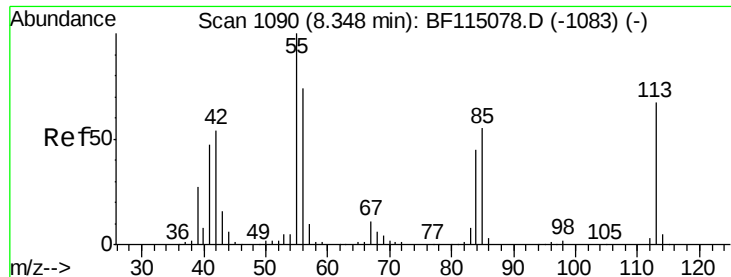
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 560272 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.3  | 26.1  | 39.1   |
| 65       | 28.2  | 21.4  | 32.2   |
| 92       | 18.5  | 14.1  | 21.1   |



#34  
Hexachlorobutadiene  
Concen: 41.829 ng  
RT: 8.04 min Scan# 1038  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 408250 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.3  | 49.4  | 74.2   |
| 227      | 63.3  | 51.8  | 77.8   |

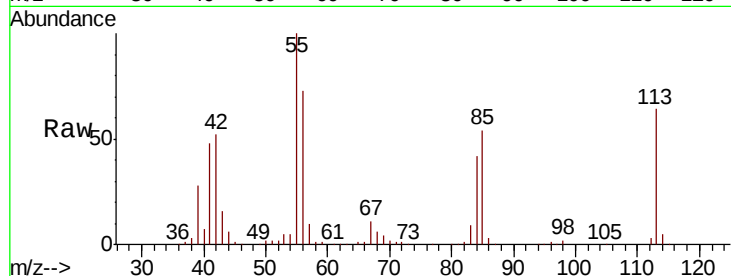




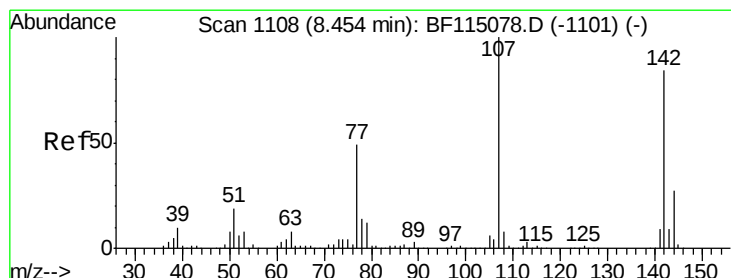
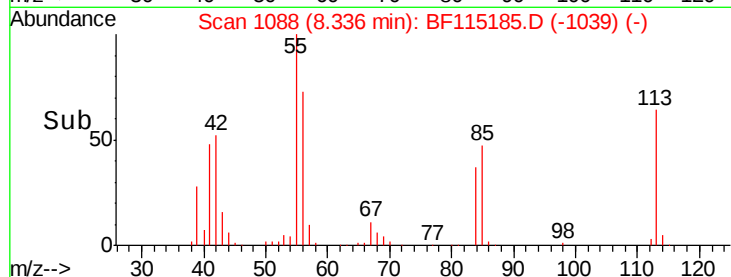
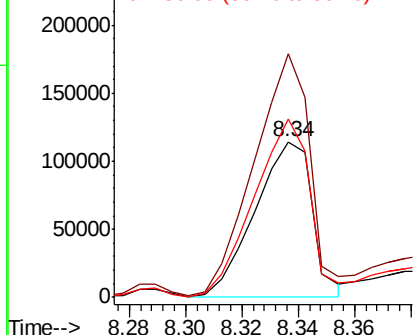
#35  
 Caprolactam  
 Concen: 29.700 ng  
 RT: 8.34 min Scan# 1088  
 Delta R.T. -0.01 min  
 Lab File: BF115185.D  
 Acq: 25 Jun 2019 14:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB120851BS

Tgt Ion:113 Resp: 161001  
 Ion Ratio Lower Upper  
 113 100  
 55 156.5 130.2 170.2  
 56 114.4 91.6 131.6

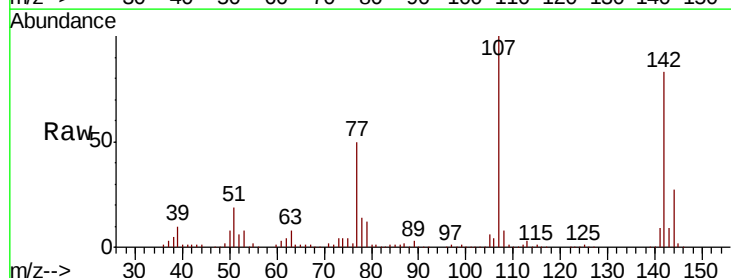


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF1  
 Ion 56.00 (55.70 to 56.70): BF1

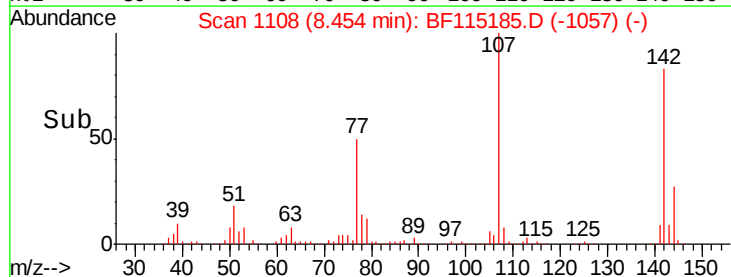
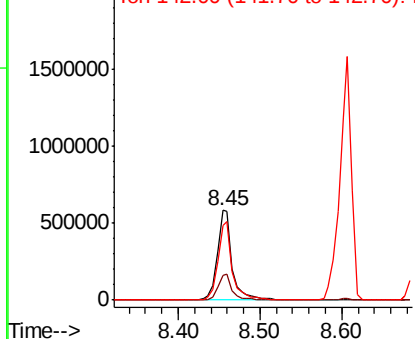


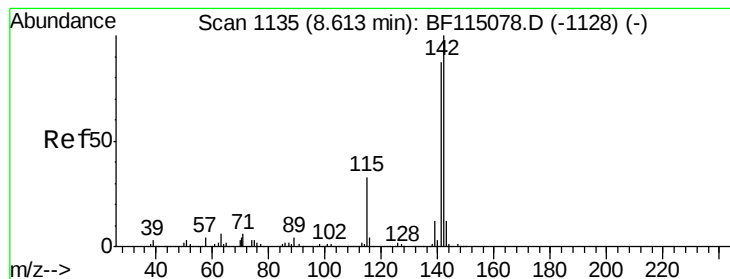
#36  
 4-Chloro-3-methylphenol  
 Concen: 45.240 ng  
 RT: 8.45 min Scan# 1108  
 Delta R.T. 0.00 min  
 Lab File: BF115185.D  
 Acq: 25 Jun 2019 14:14

Tgt Ion:107 Resp: 738719  
 Ion Ratio Lower Upper  
 107 100  
 144 27.3 21.7 32.5  
 142 83.4 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: 43.955 ng

RT: 8.61 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

Instrument :

BNA\_F

ClientSampleId :

PB120851BS

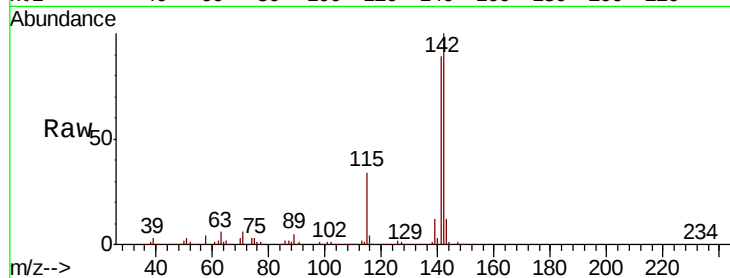
Tgt Ion:142 Resp: 1569670

Ion Ratio Lower Upper

142 100

141 88.9 69.8 104.6

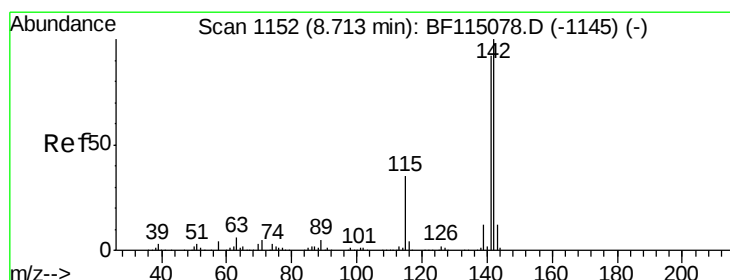
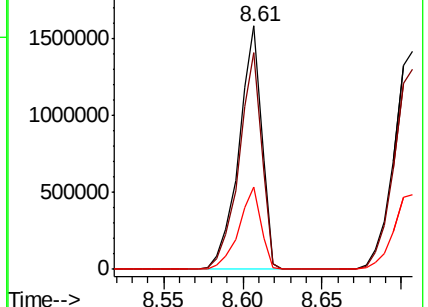
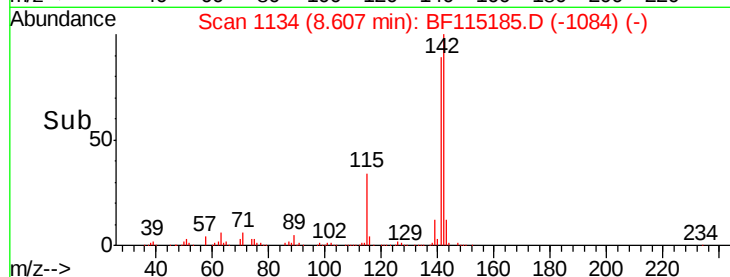
115 33.9 26.7 40.1



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: 43.695 ng

RT: 8.71 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

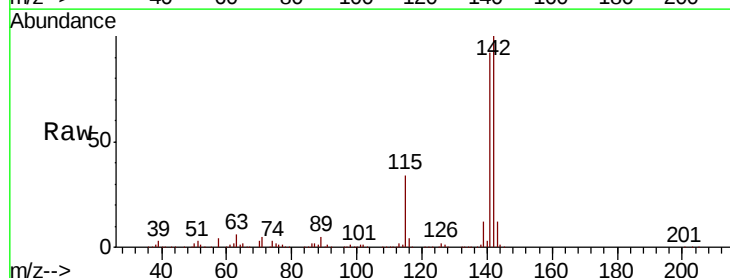
Tgt Ion:142 Resp: 1490248

Ion Ratio Lower Upper

142 100

141 91.5 73.8 110.8

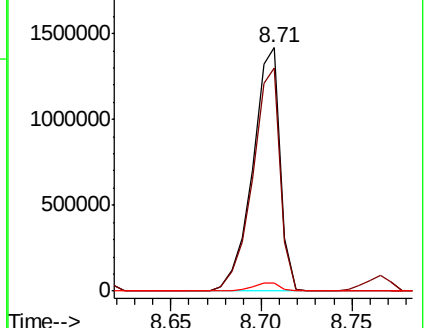
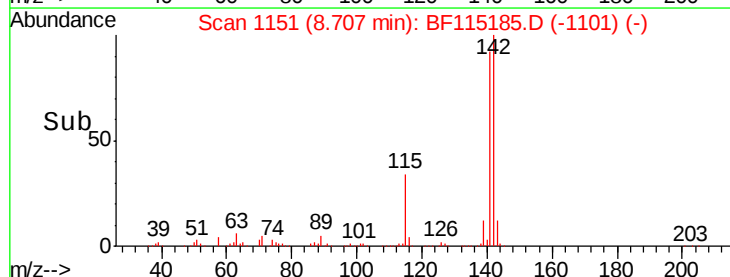
116 3.5 2.8 4.2

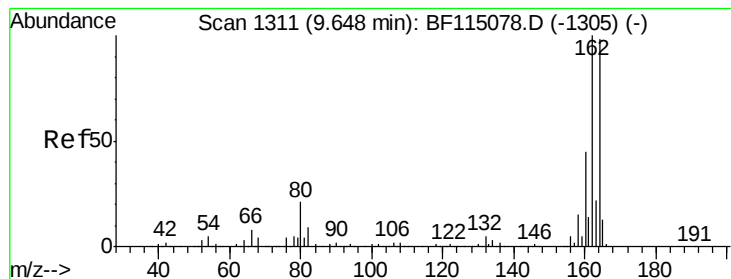


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.64 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

Instrument :

BNA\_F

ClientSampleId :

PB120851BS

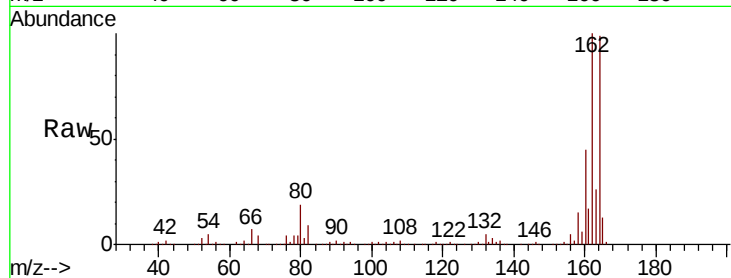
Tgt Ion:164 Resp: 542551

Ion Ratio Lower Upper

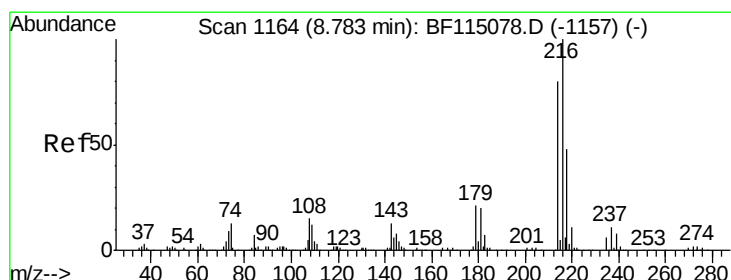
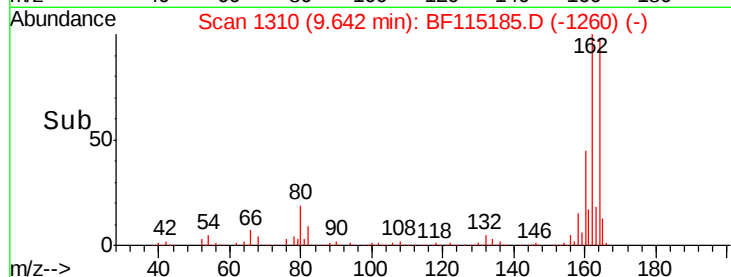
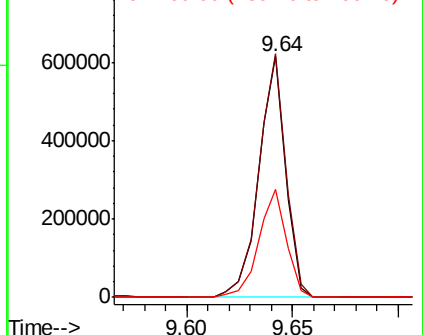
164 100

162 101.0 81.7 122.5

160 45.0 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: 43.145 ng

RT: 8.78 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

Tgt Ion:216 Resp: 661473

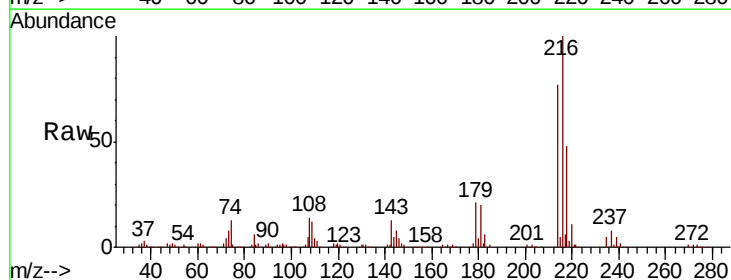
Ion Ratio Lower Upper

216 100

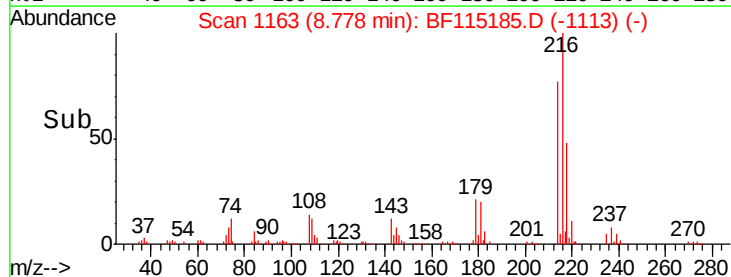
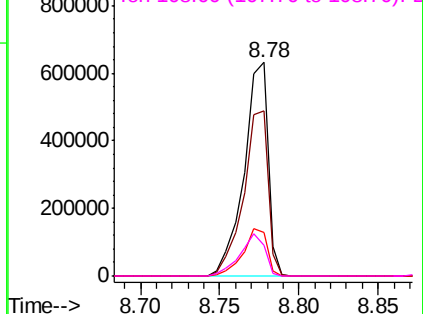
214 79.1 63.8 95.6

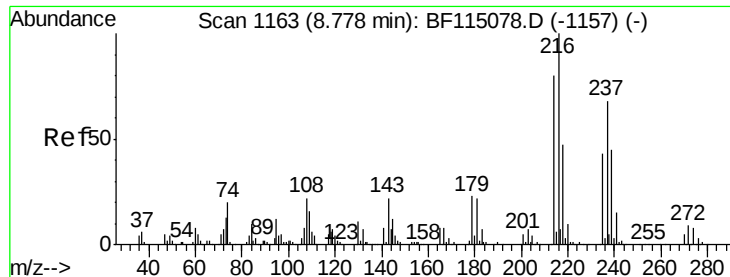
179 22.1 17.6 26.4

108 20.6 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: 76.058 ng

RT: 8.77 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

Instrument :

BNA\_F

ClientSampleId :

PB120851BS

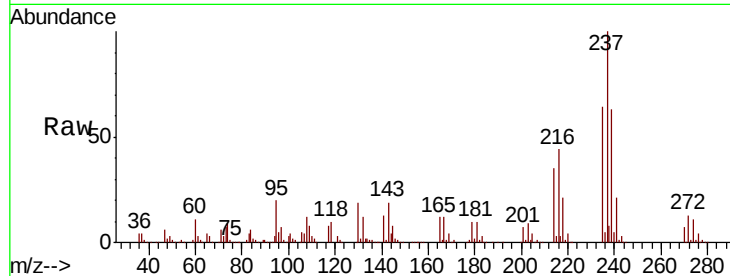
Tgt Ion:237 Resp: 691446

Ion Ratio Lower Upper

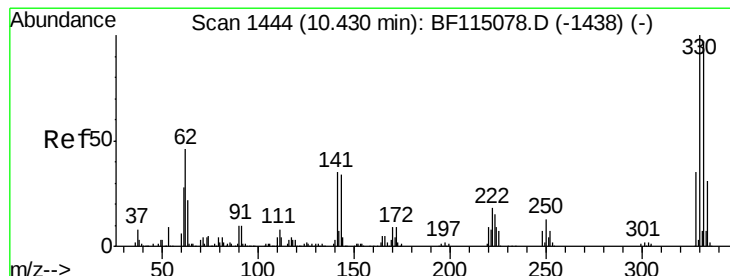
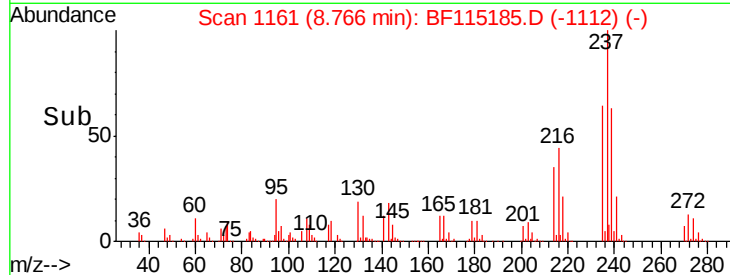
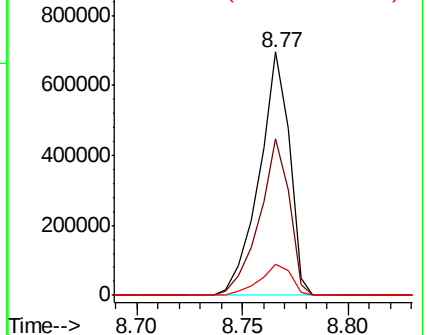
237 100

235 64.4 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: 121.475 ng

RT: 10.42 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

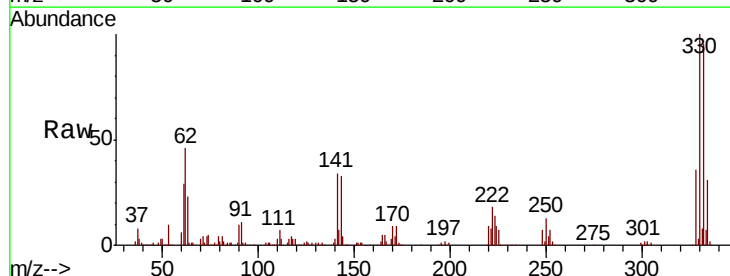
Tgt Ion:330 Resp: 695006

Ion Ratio Lower Upper

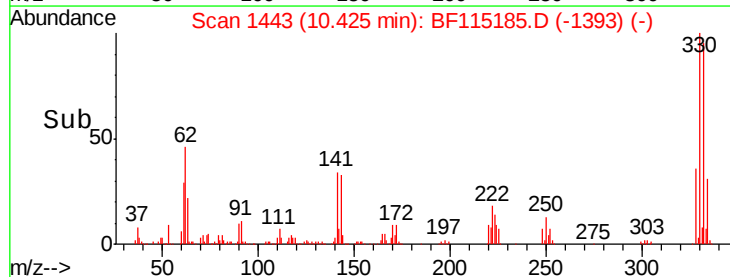
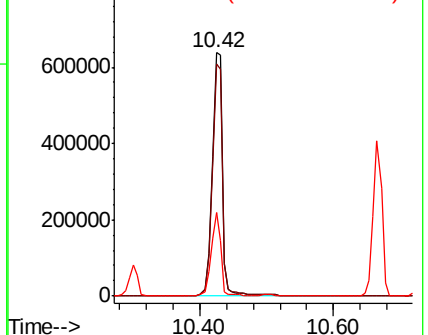
330 100

332 94.9 77.3 115.9

141 32.1 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

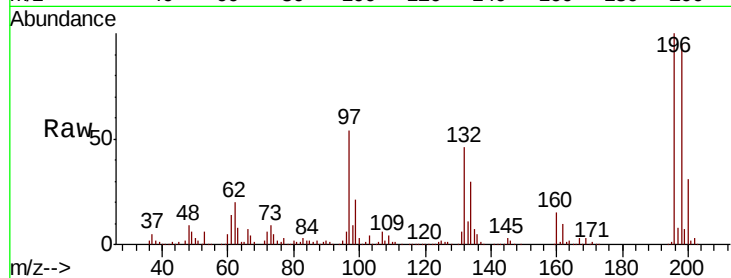




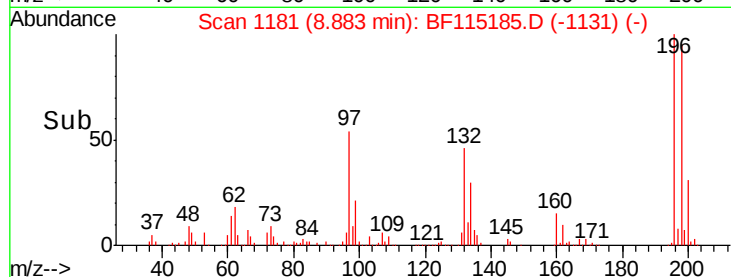
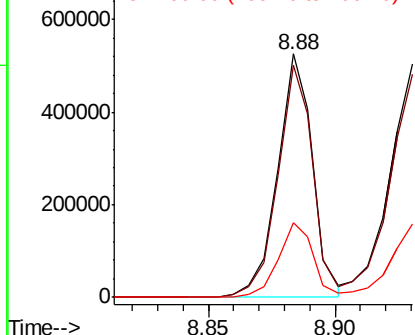
#43  
 2,4,6-Trichlorophenol  
 Concen: 42.757 ng  
 RT: 8.88 min Scan# 1181  
 Delta R.T. -0.01 min  
 Lab File: BF115185.D  
 Acq: 25 Jun 2019 14:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB120851BS

Tgt Ion:196 Resp: 506098  
 Ion Ratio Lower Upper  
 196 100  
 198 95.3 76.3 114.5  
 200 30.8 24.2 36.4

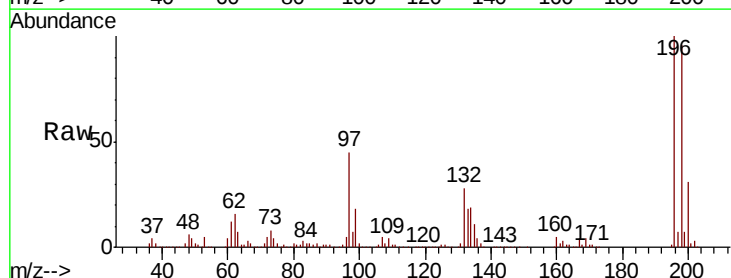


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

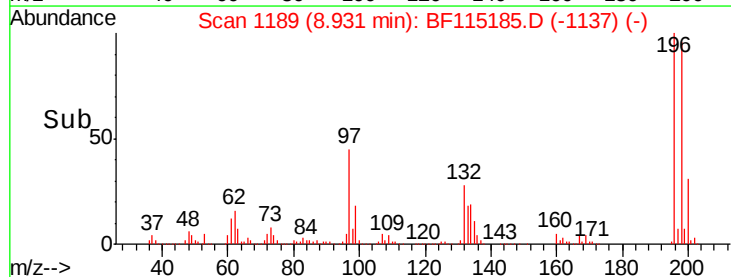
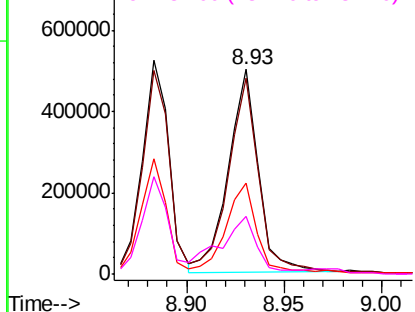


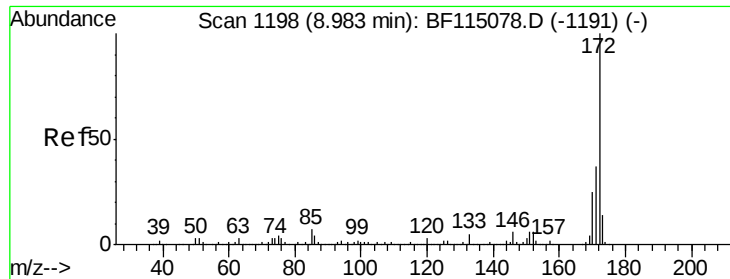
#44  
 2,4,5-Trichlorophenol  
 Concen: 43.752 ng  
 RT: 8.93 min Scan# 1189  
 Delta R.T. 0.01 min  
 Lab File: BF115185.D  
 Acq: 25 Jun 2019 14:14

Tgt Ion:196 Resp: 533312  
 Ion Ratio Lower Upper  
 196 100  
 198 95.9 77.1 115.7  
 97 44.8 37.7 56.5  
 132 28.2 23.1 34.7



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

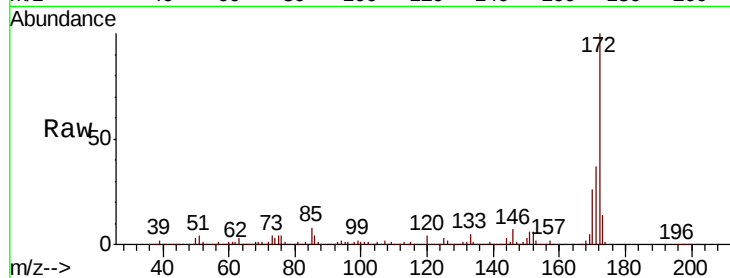




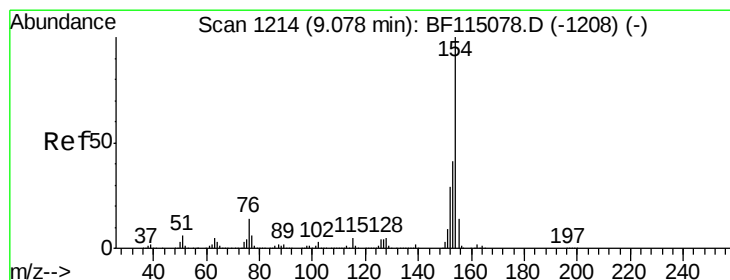
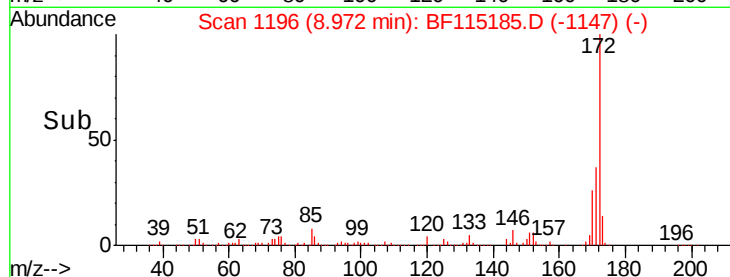
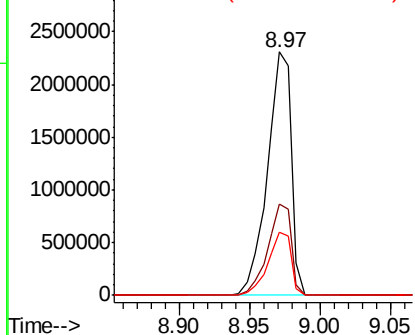
#45  
 2-Fluorobiphenyl  
 Concen: 85.947 ng  
 RT: 8.97 min Scan# 1196  
 Delta R.T. -0.01 min  
 Lab File: BF115185.D  
 Acq: 25 Jun 2019 14:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB120851BS

Tgt Ion:172 Resp: 2745195  
 Ion Ratio Lower Upper  
 172 100  
 171 37.3 29.8 44.6  
 170 25.7 20.3 30.5

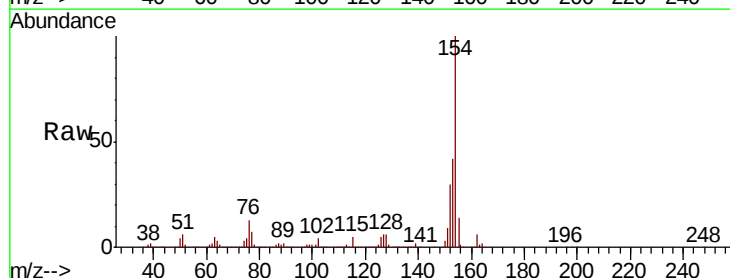


Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

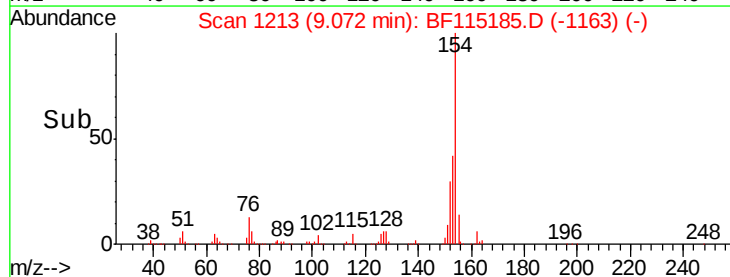
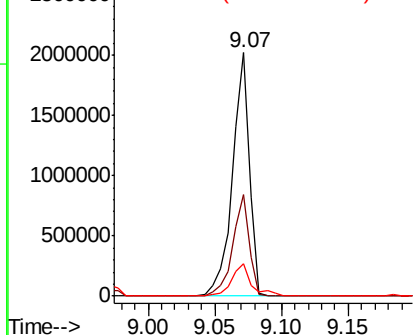


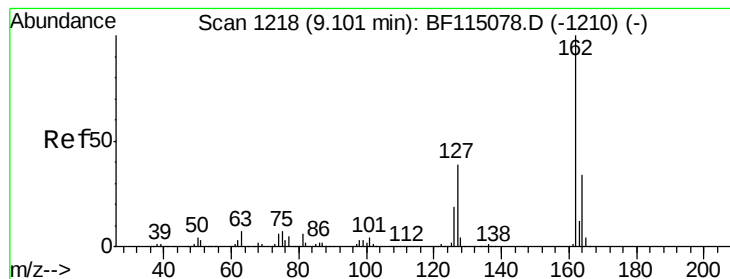
#46  
 1,1'-Biphenyl  
 Concen: 41.616 ng  
 RT: 9.07 min Scan# 1213  
 Delta R.T. -0.01 min  
 Lab File: BF115185.D  
 Acq: 25 Jun 2019 14:14

Tgt Ion:154 Resp: 1806632  
 Ion Ratio Lower Upper  
 154 100  
 153 41.9 20.9 60.9  
 76 13.3 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: 41.887 ng

RT: 9.09 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

Instrument :

BNA\_F

ClientSampleId :

PB120851BS

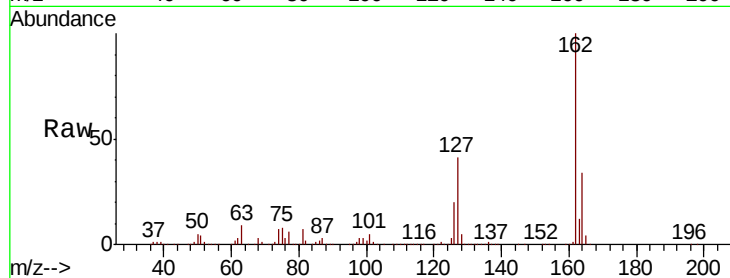
Tgt Ion: 162 Resp: 1475001

Ion Ratio Lower Upper

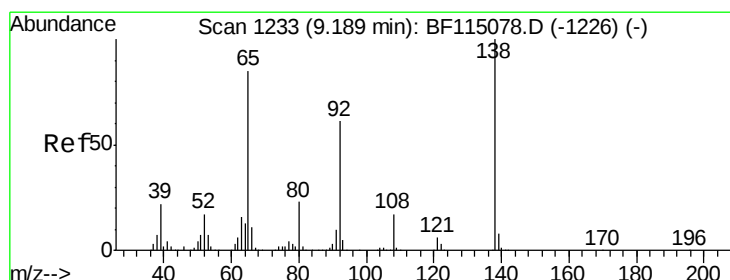
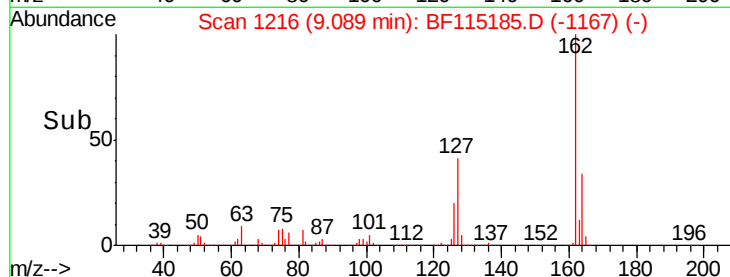
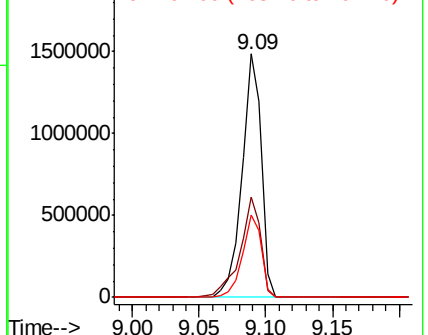
162 100

127 41.3 30.8 46.2

164 33.8 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: 43.425 ng

RT: 9.18 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

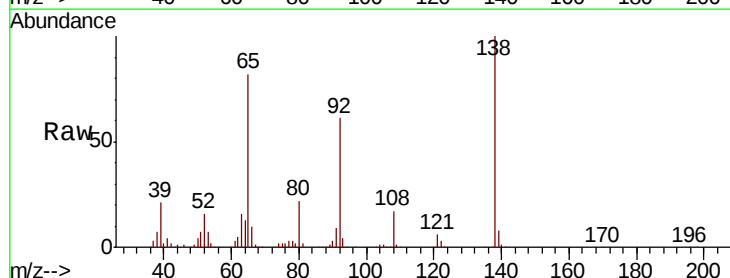
Tgt Ion: 65 Resp: 445817

Ion Ratio Lower Upper

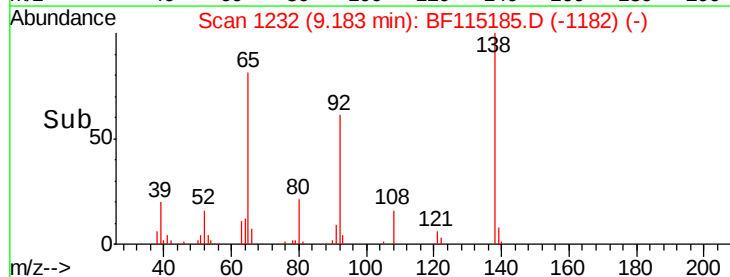
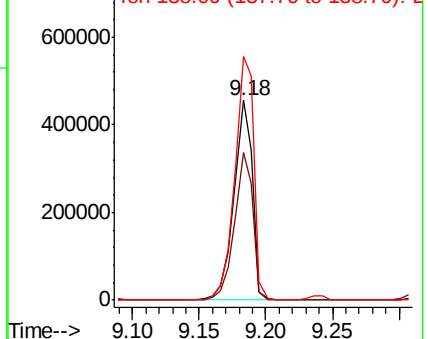
65 100

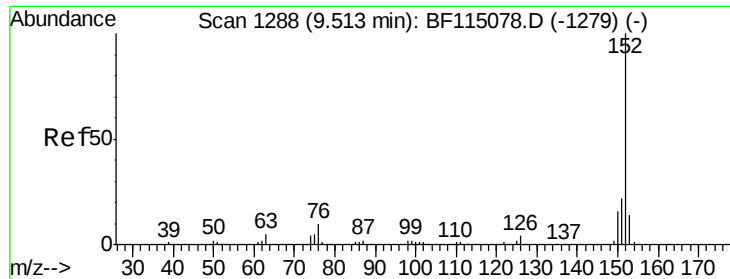
92 73.9 57.4 86.2

138 121.8 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: 41.710 ng

RT: 9.50 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

Instrument :

BNA\_F

ClientSampleId :

PB120851BS

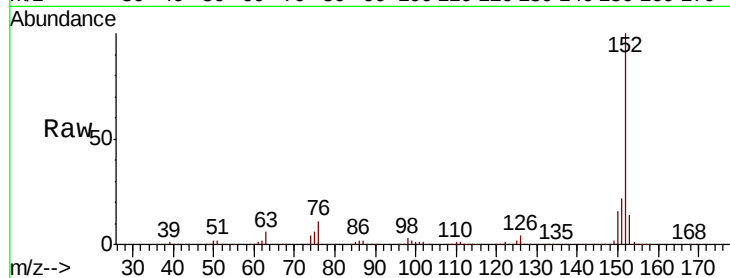
Tgt Ion:152 Resp: 2288389

Ion Ratio Lower Upper

152 100

151 21.7 17.2 25.8

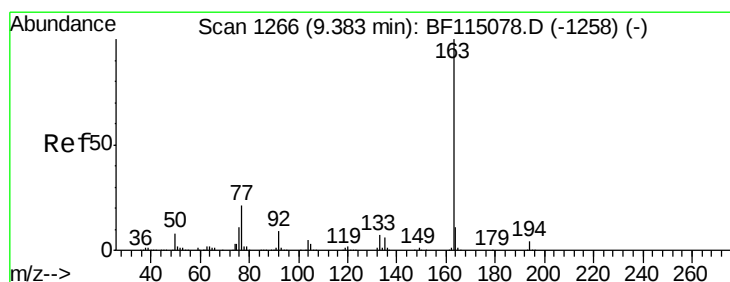
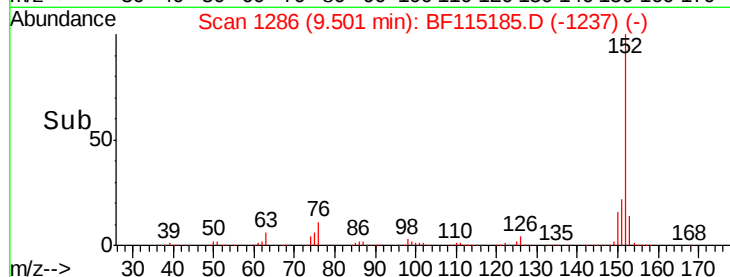
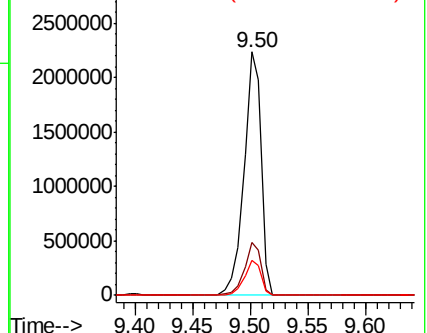
153 14.3 11.0 16.6



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: 41.997 ng

RT: 9.38 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

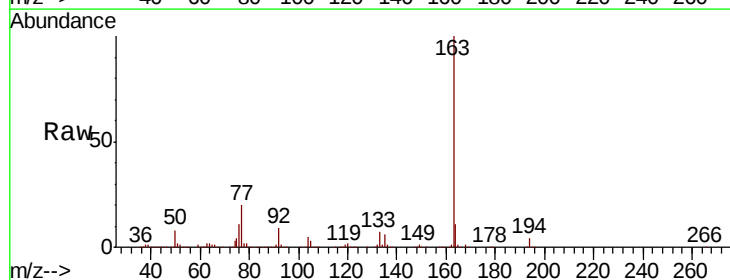
Tgt Ion:163 Resp: 1676391

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

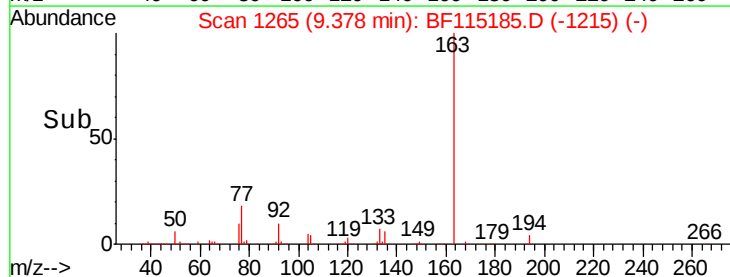
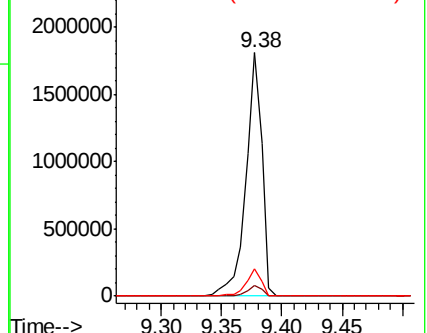
164 11.1 8.6 13.0

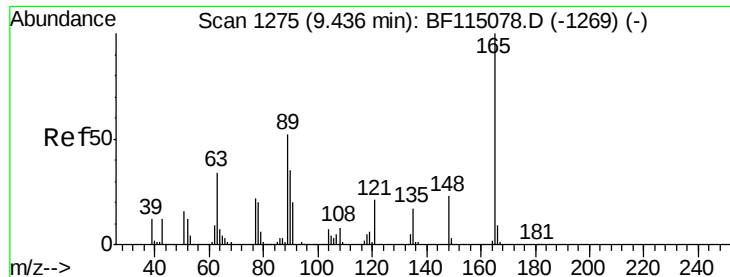


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

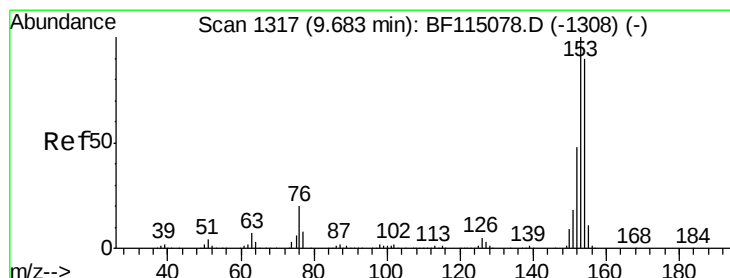
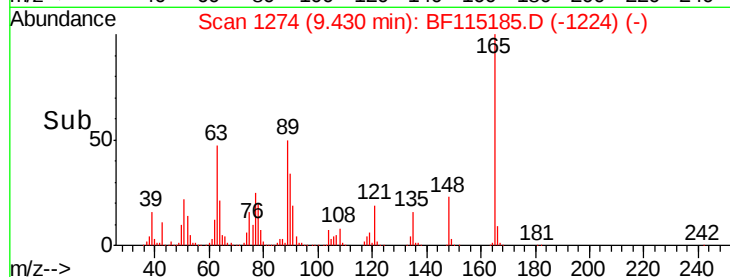
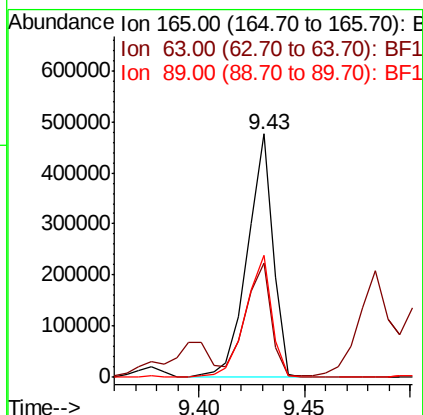
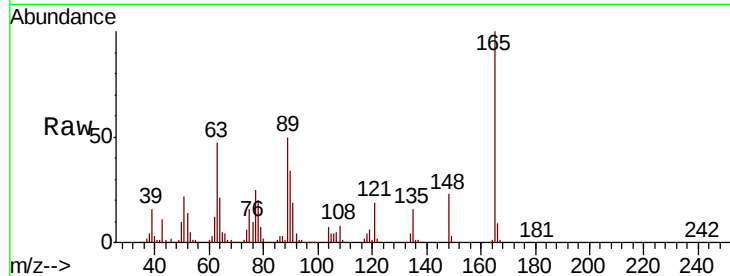




#51  
2,6-Dinitrotoluene  
Concen: 43.810 ng  
RT: 9.43 min Scan# 1274  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

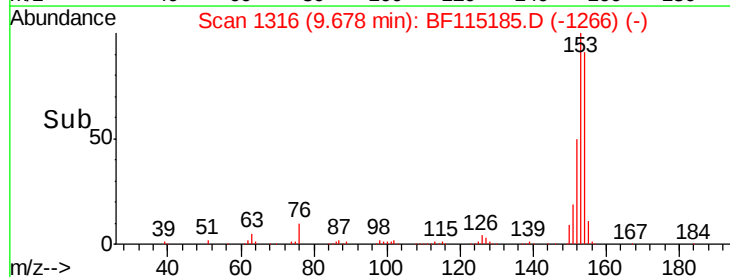
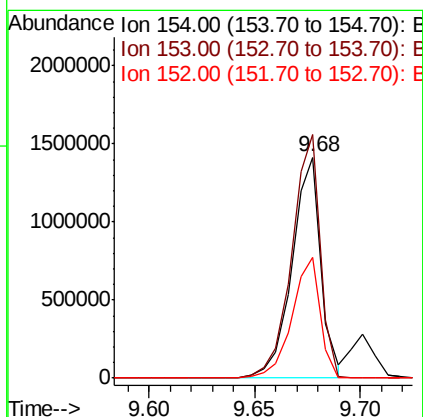
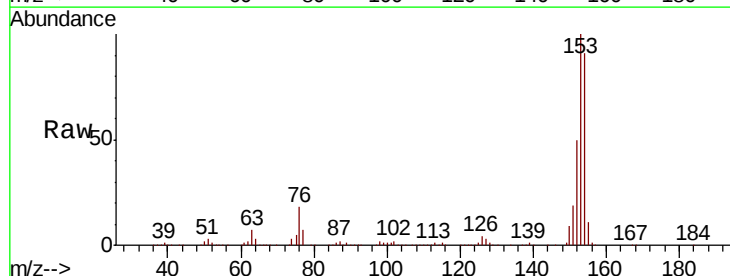
Instrument :  
BNA\_F  
ClientSampleId :  
PB120851BS

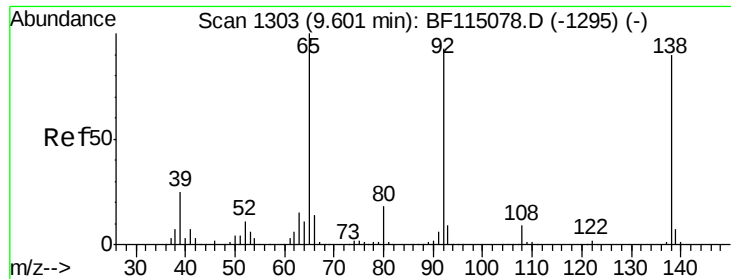
Tgt Ion:165 Resp: 403731  
Ion Ratio Lower Upper  
165 100  
63 47.0 39.4 59.2  
89 50.0 42.0 63.0



#52  
Acenaphthene  
Concen: 39.486 ng  
RT: 9.68 min Scan# 1316  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

Tgt Ion:154 Resp: 1355602  
Ion Ratio Lower Upper  
154 100  
153 110.2 88.7 133.1  
152 54.7 42.6 64.0

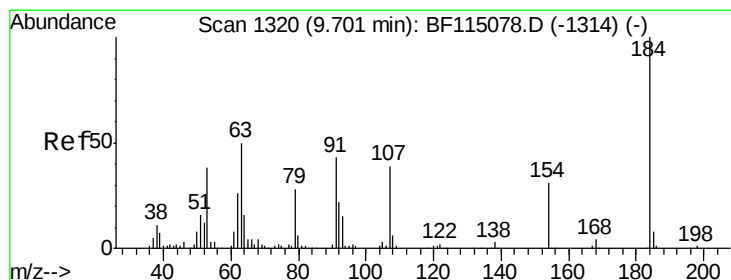
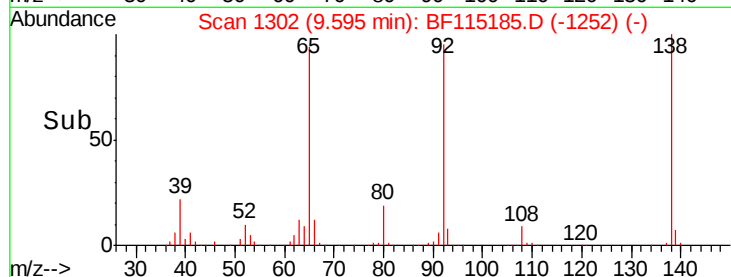
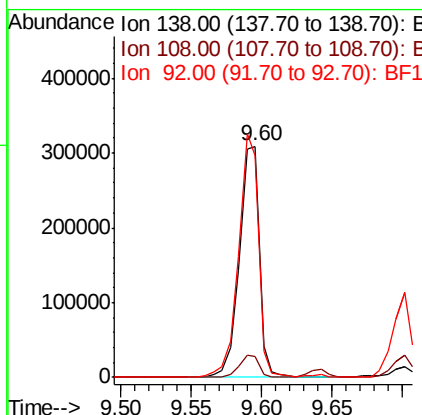
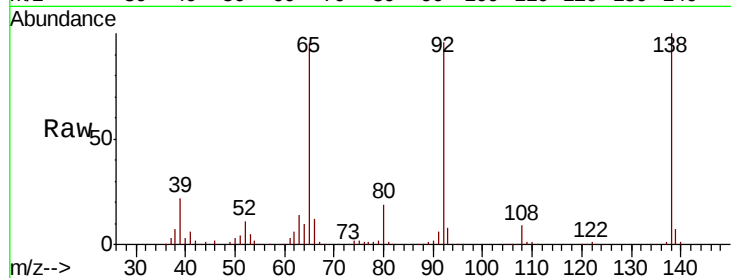




#53  
 3-Nitroaniline  
 Concen: 27.255 ng  
 RT: 9.60 min Scan# 1302  
 Delta R.T. -0.01 min  
 Lab File: BF115185.D  
 Acq: 25 Jun 2019 14:14

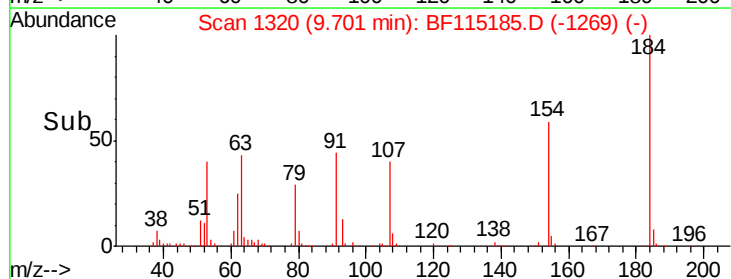
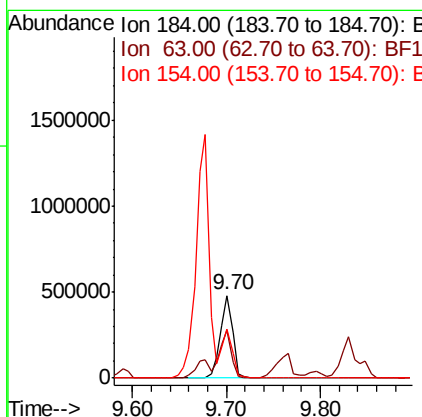
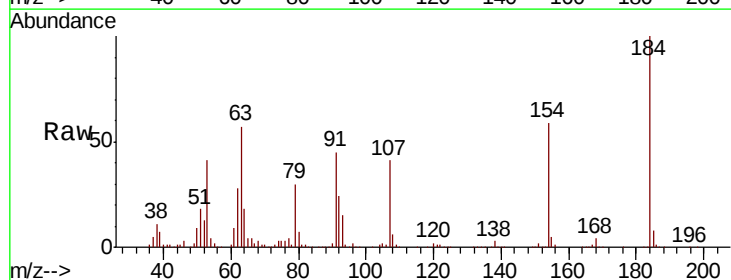
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB120851BS

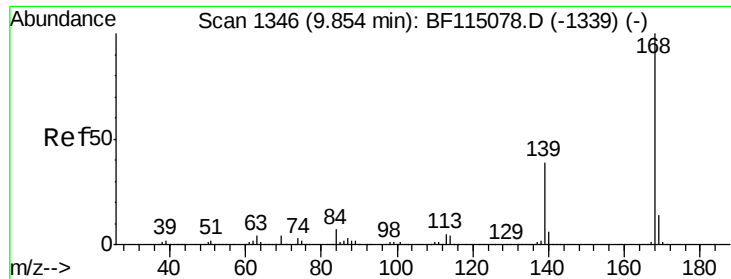
Tgt Ion:138 Resp: 306509  
 Ion Ratio Lower Upper  
 138 100  
 108 8.8 7.8 11.6  
 92 96.1 82.9 124.3



#54  
 2,4-Dinitrophenol  
 Concen: 93.163 ng  
 RT: 9.70 min Scan# 1320  
 Delta R.T. 0.00 min  
 Lab File: BF115185.D  
 Acq: 25 Jun 2019 14:14

Tgt Ion:184 Resp: 448089  
 Ion Ratio Lower Upper  
 184 100  
 63 57.3 41.9 62.9  
 154 58.9 44.7 67.1

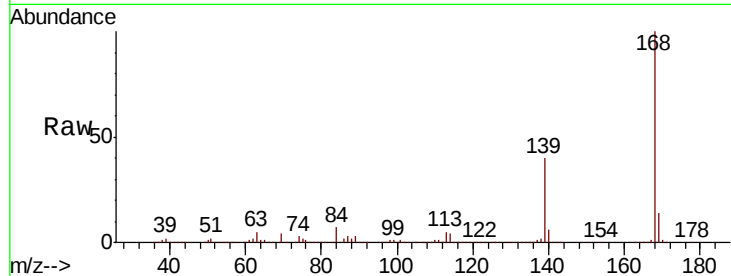




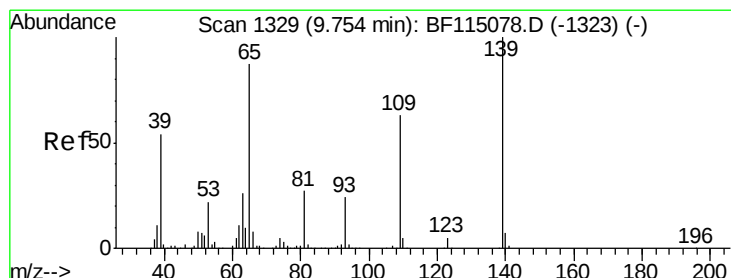
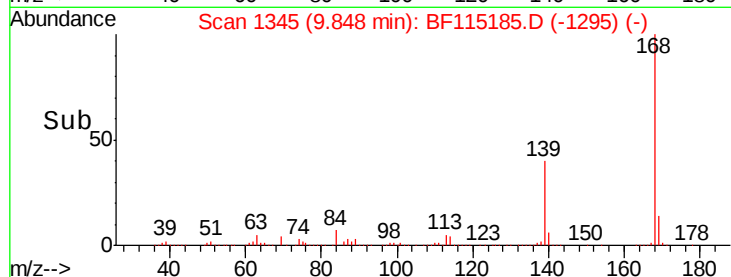
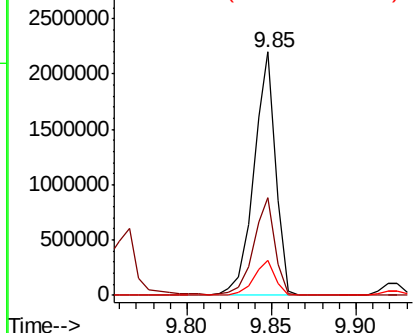
#55  
Dibenzofuran  
Concen: 40.069 ng  
RT: 9.85 min Scan# 1345  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB120851BS

Tgt Ion:168 Resp: 1974400  
Ion Ratio Lower Upper  
168 100  
139 40.0 31.1 46.7  
169 14.5 11.3 16.9

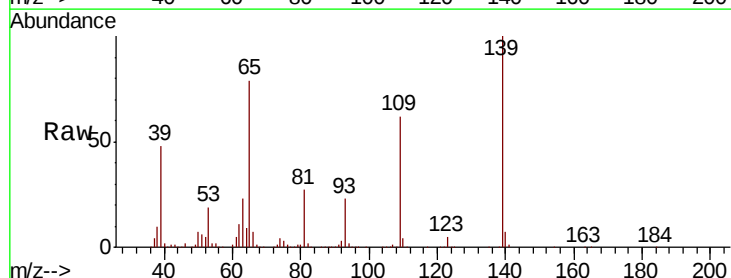


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

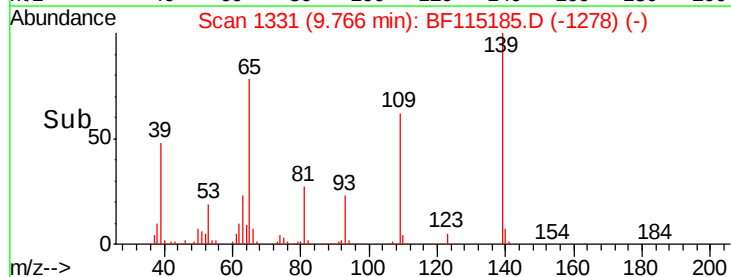
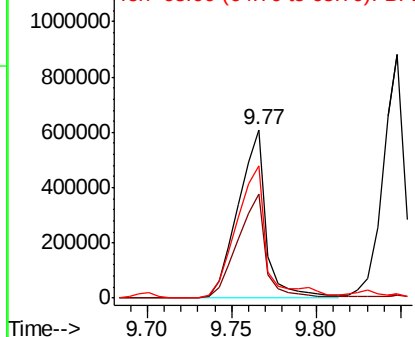


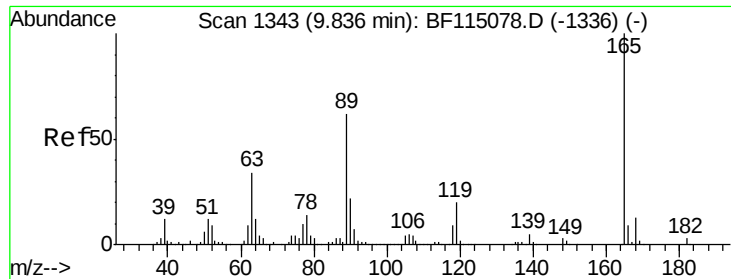
#56  
4-Nitrophenol  
Concen: 78.569 ng  
RT: 9.77 min Scan# 1331  
Delta R.T. 0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

Tgt Ion:139 Resp: 708372  
Ion Ratio Lower Upper  
139 100  
109 61.6 43.0 83.0  
65 78.6 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

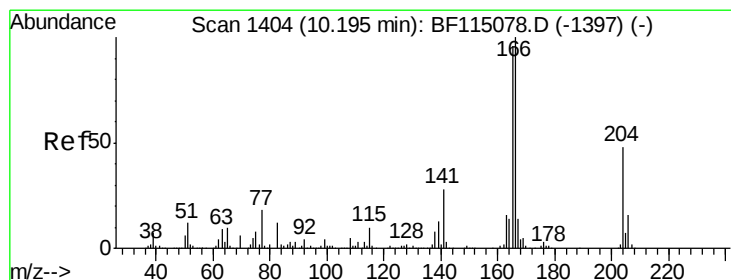
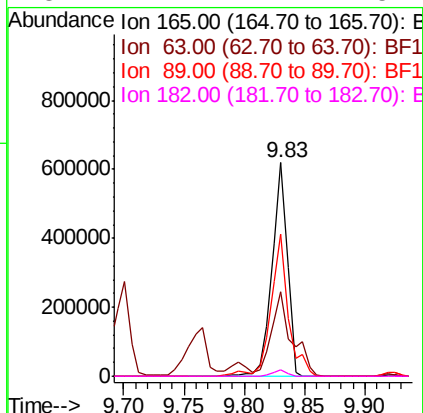
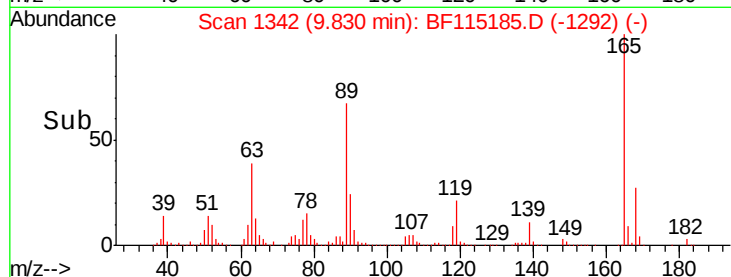
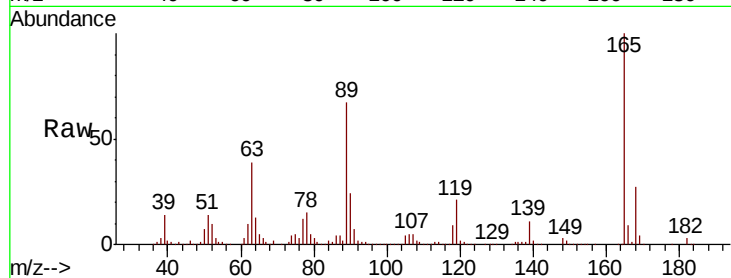




#57  
 2,4-Dinitrotoluene  
 Concen: 45.464 ng  
 RT: 9.83 min Scan# 1342  
 Delta R.T. -0.01 min  
 Lab File: BF115185.D  
 Acq: 25 Jun 2019 14:14

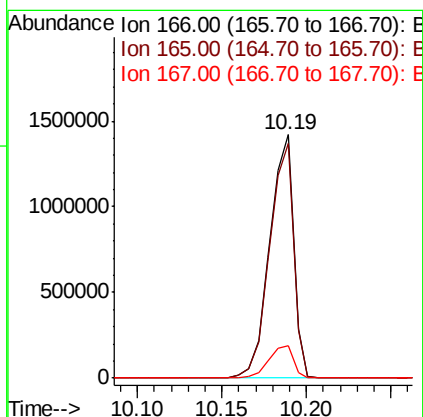
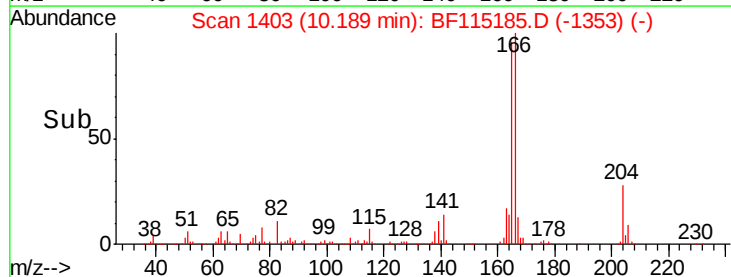
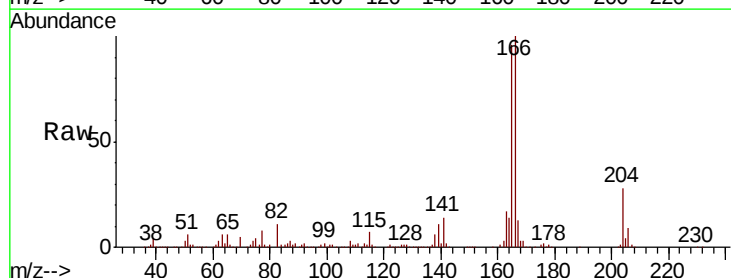
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB120851BS

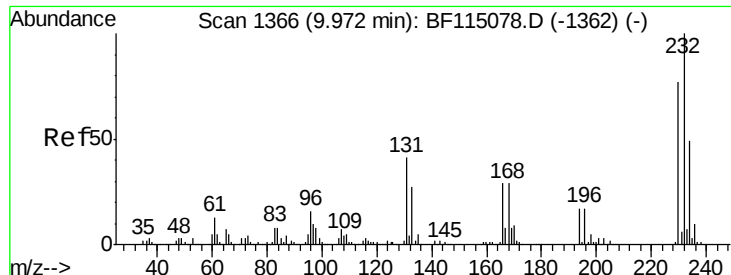
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 165   | Resp: | 540985 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 39.3  | 27.5  | 41.3   |
| 89       | 66.7  | 49.9  | 74.9   |
| 182      | 2.7   | 2.1   | 3.1    |



#58  
 Fluorene  
 Concen: 41.886 ng  
 RT: 10.19 min Scan# 1403  
 Delta R.T. -0.01 min  
 Lab File: BF115185.D  
 Acq: 25 Jun 2019 14:14

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 166   | Resp: | 1389095 |
| Ion      | Ratio | Lower | Upper   |
| 166      | 100   |       |         |
| 165      | 96.4  | 76.5  | 114.7   |
| 167      | 13.3  | 11.0  | 16.4    |

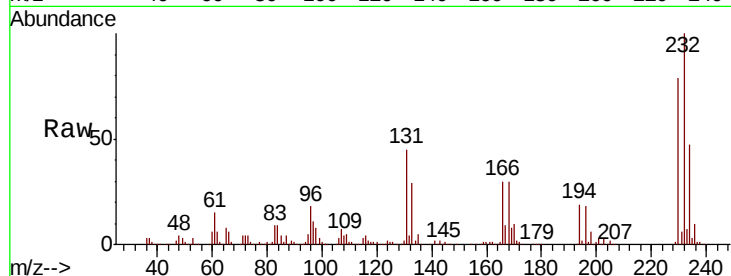




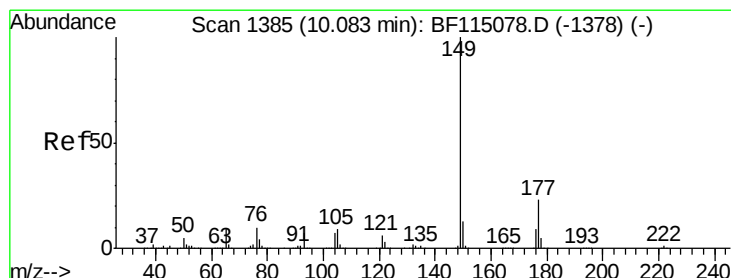
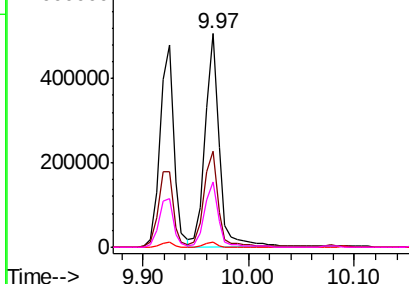
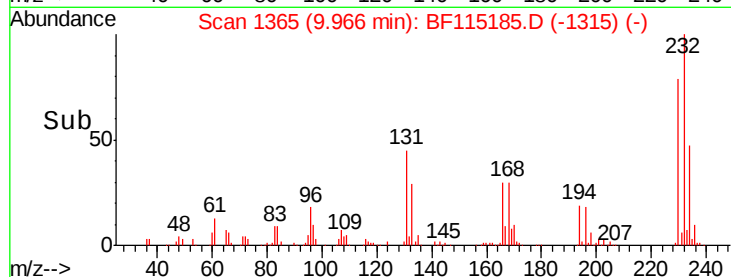
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 46.425 ng  
 RT: 9.97 min Scan# 1365  
 Delta R.T. -0.01 min  
 Lab File: BF115185.D  
 Acq: 25 Jun 2019 14:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB120851BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 232   | Resp: | 474512 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 46.3  | 37.4  | 56.0   |
| 130      | 2.2   | 1.8   | 2.6    |
| 166      | 29.8  | 24.6  | 36.8   |

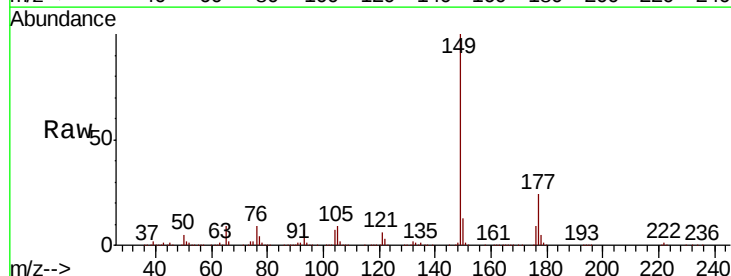


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

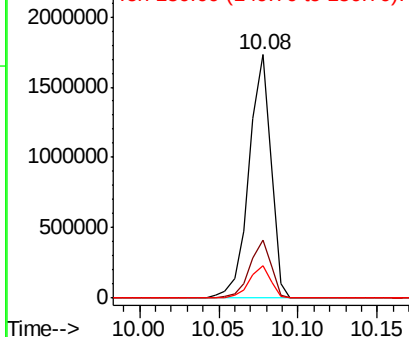
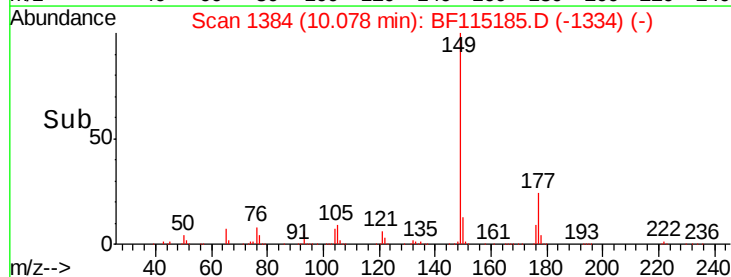


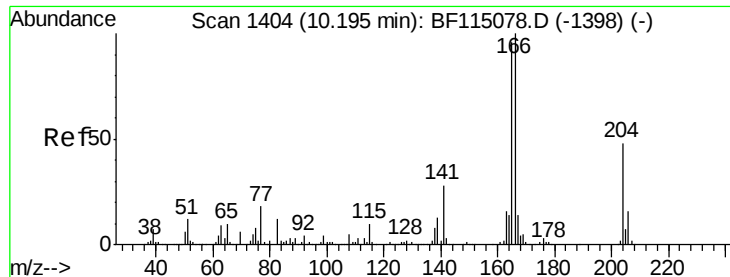
#60  
 Diethylphthalate  
 Concen: 41.402 ng  
 RT: 10.08 min Scan# 1384  
 Delta R.T. -0.01 min  
 Lab File: BF115185.D  
 Acq: 25 Jun 2019 14:14

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 1661225 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 177      | 23.6  | 18.7  | 28.1    |
| 150      | 13.1  | 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

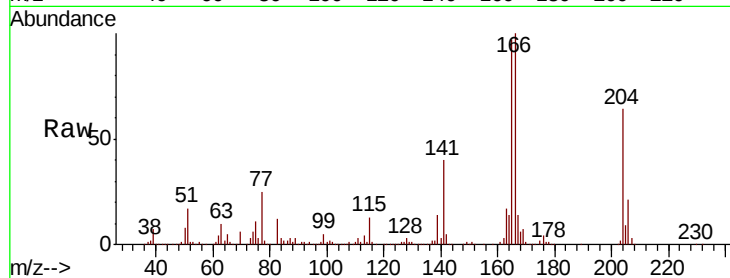




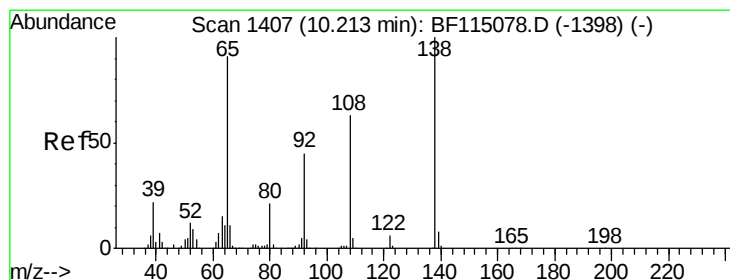
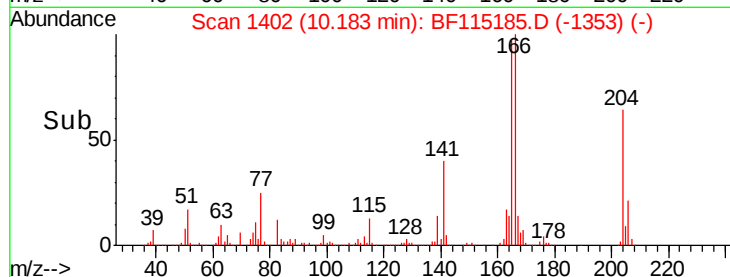
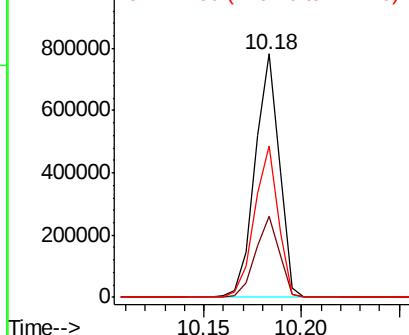
#61  
4-Chlorophenyl-phenylether  
Concen: 42.879 ng  
RT: 10.18 min Scan# 1402  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB120851BS

Tgt Ion:204 Resp: 673492  
Ion Ratio Lower Upper  
204 100  
206 33.2 26.6 40.0  
141 62.0 46.7 70.1

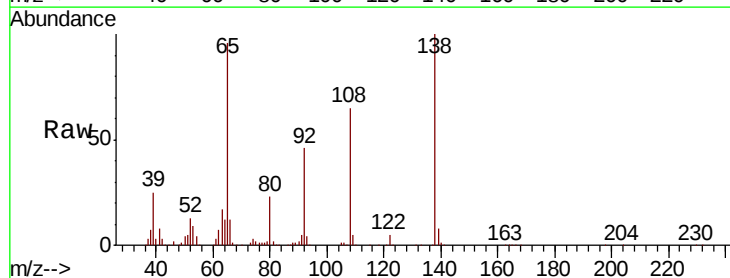


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

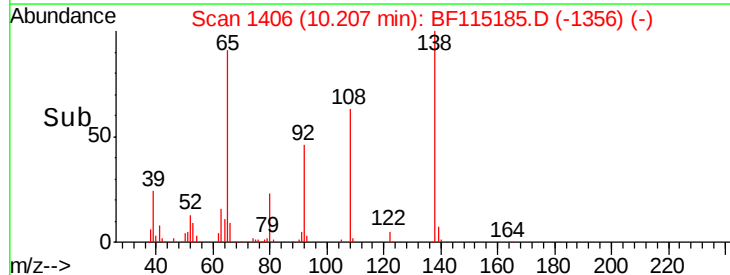
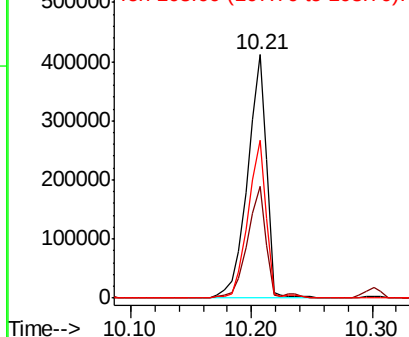


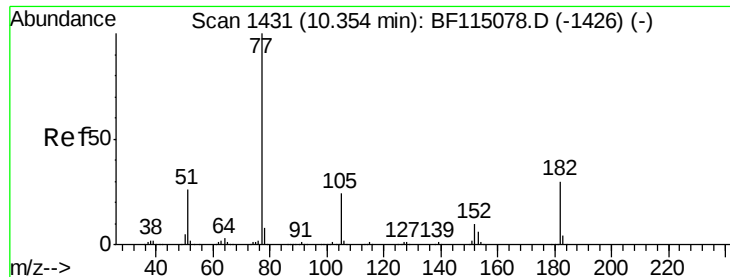
#62  
4-Nitroaniline  
Concen: 40.174 ng  
RT: 10.21 min Scan# 1406  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

Tgt Ion:138 Resp: 453241  
Ion Ratio Lower Upper  
138 100  
92 45.9 24.8 64.8  
108 64.8 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: 40.846 ng

RT: 10.34 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

Instrument :

BNA\_F

ClientSampleId :

PB120851BS

Tgt Ion: 77 Resp: 1530824

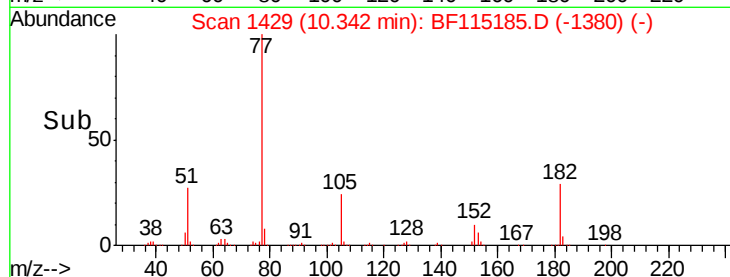
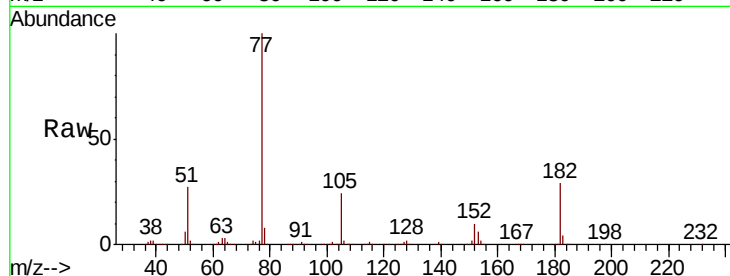
Ion Ratio Lower Upper

77 100

182 28.7 10.1 50.1

105 24.3 4.5 44.5

51 27.4 6.4 46.4

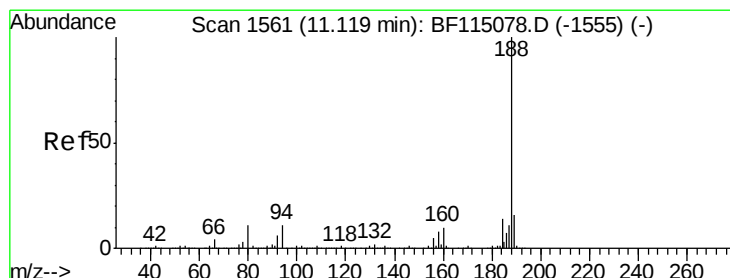
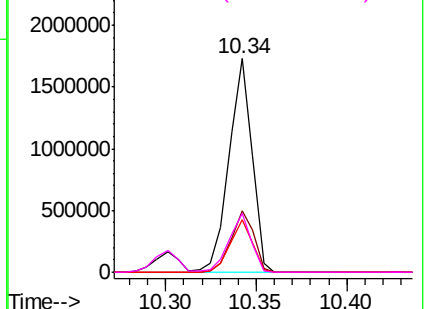


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.11 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

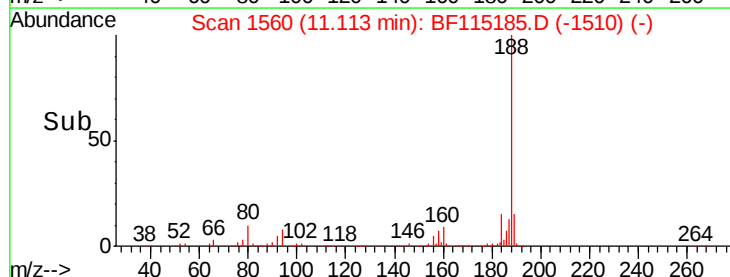
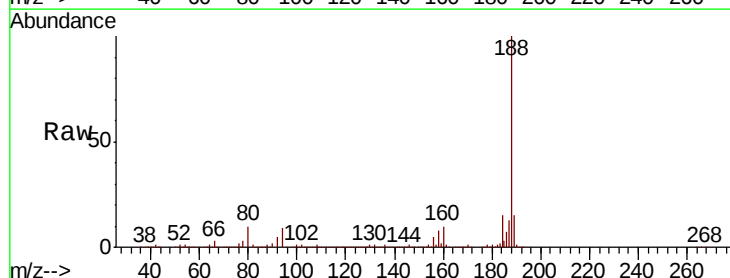
Tgt Ion: 188 Resp: 1055472

Ion Ratio Lower Upper

188 100

94 9.4 8.6 12.8

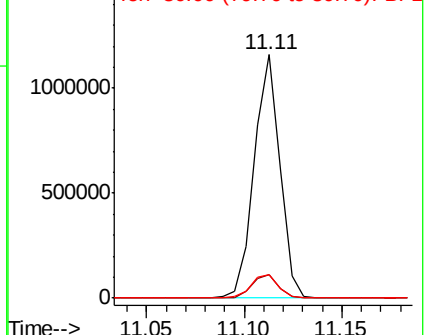
80 9.7 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 47.180 ng

RT: 10.24 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

Instrument :

BNA\_F

ClientSampleId :

PB120851BS

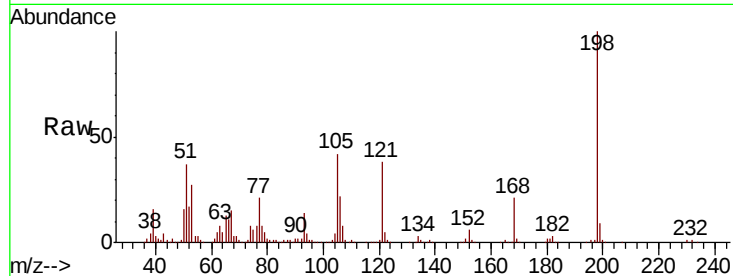
Tgt Ion:198 Resp: 264431

Ion Ratio Lower Upper

198 100

51 36.6 11.0 51.0

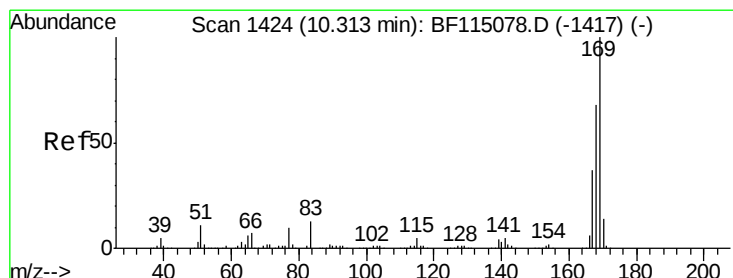
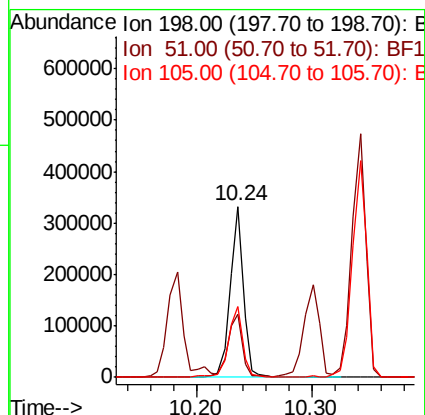
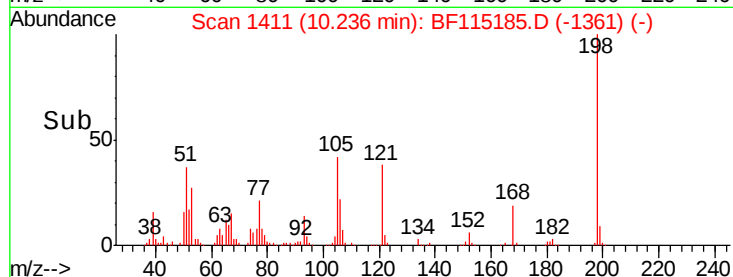
105 41.6 17.3 57.3



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: 42.602 ng

RT: 10.30 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

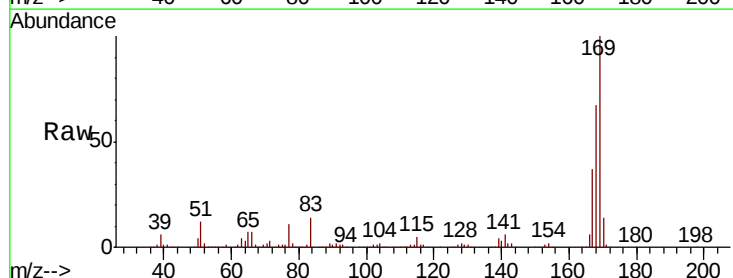
Tgt Ion:169 Resp: 1400890

Ion Ratio Lower Upper

169 100

168 67.4 54.2 81.4

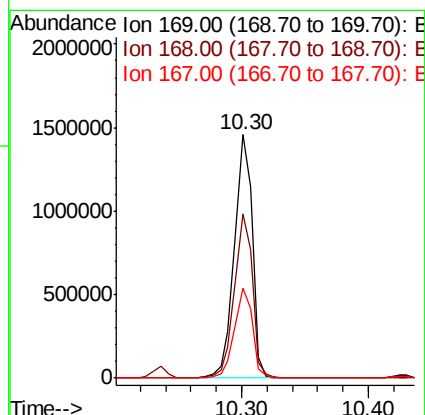
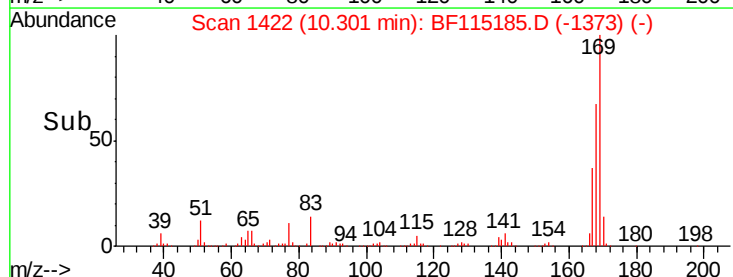
167 37.0 29.4 44.0

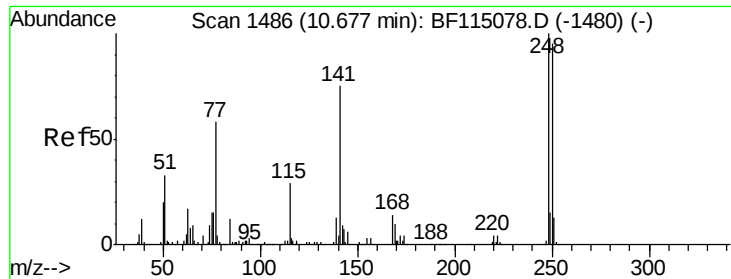


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

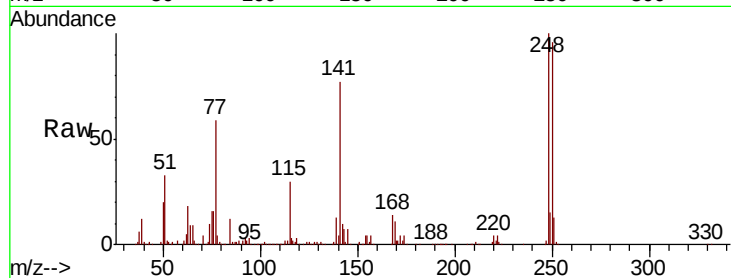




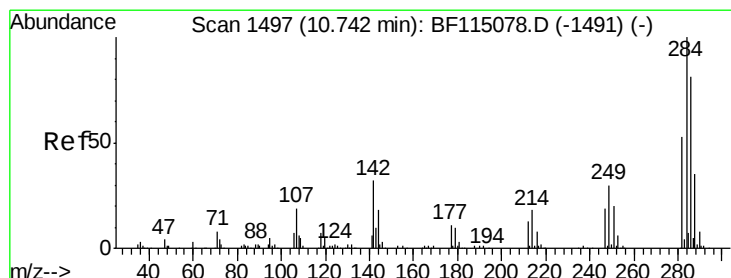
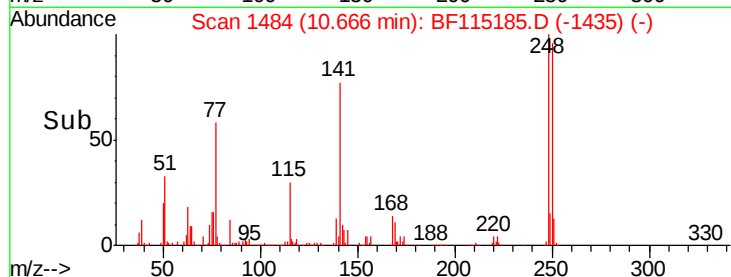
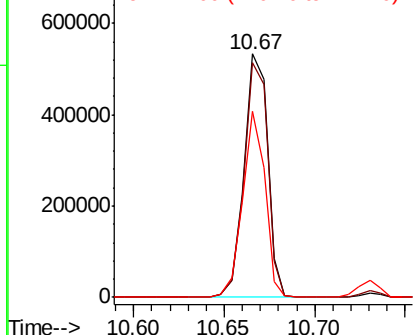
#67  
4-Bromophenyl-phenylether  
Concen: 42.393 ng  
RT: 10.67 min Scan# 1484  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB120851BS

Tgt Ion:248 Resp: 485126  
Ion Ratio Lower Upper  
248 100  
250 96.5 76.2 114.2  
141 76.6 59.6 89.4

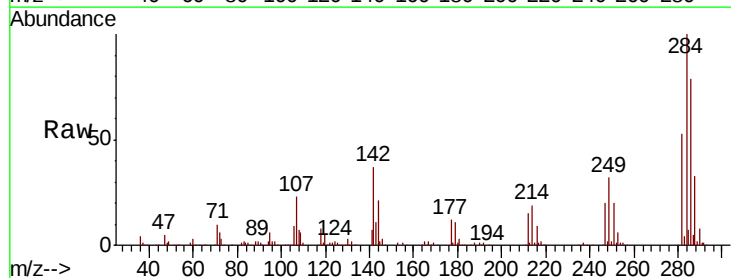


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

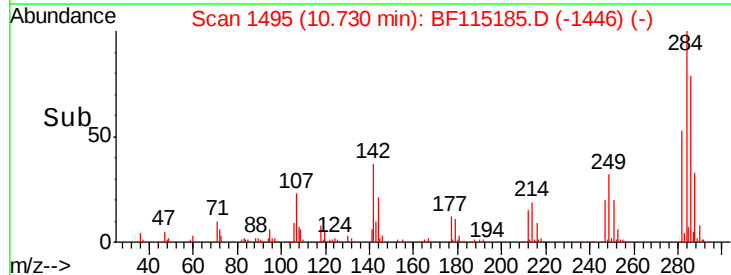
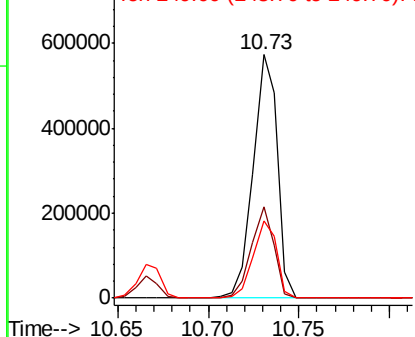


#68  
Hexachlorobenzene  
Concen: 42.667 ng  
RT: 10.73 min Scan# 1495  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

Tgt Ion:284 Resp: 529977  
Ion Ratio Lower Upper  
284 100  
142 37.5 25.8 38.8  
249 31.9 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: 42.583 ng

RT: 10.83 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

Instrument :

BNA\_F

ClientSampleId :

PB120851BS

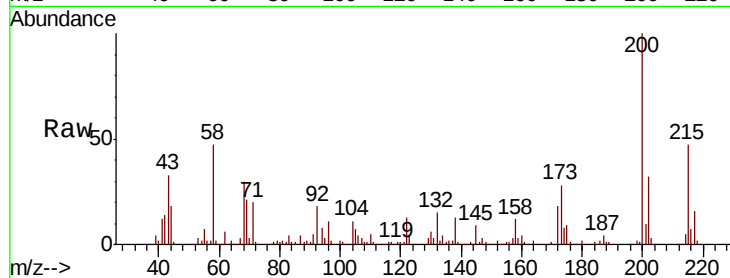
Tgt Ion:200 Resp: 450436

Ion Ratio Lower Upper

200 100

173 28.3 7.4 47.4

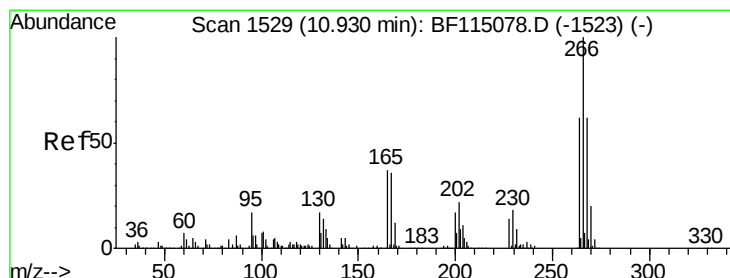
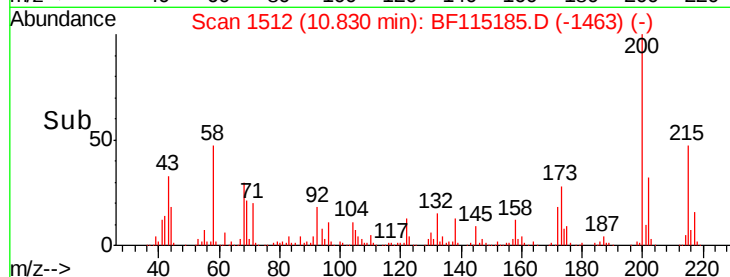
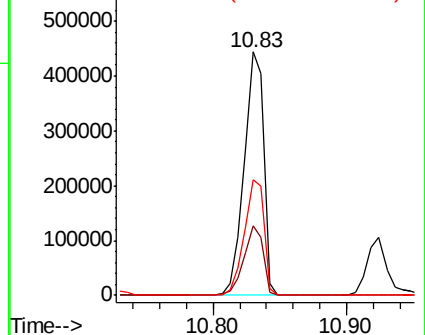
215 47.4 27.8 67.8



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: 85.107 ng

RT: 10.92 min Scan# 1528

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

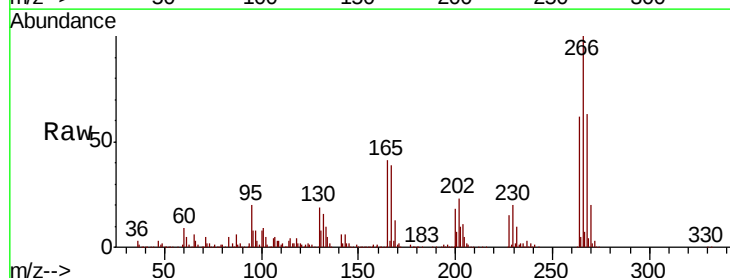
Tgt Ion:266 Resp: 673471

Ion Ratio Lower Upper

266 100

268 63.3 49.5 74.3

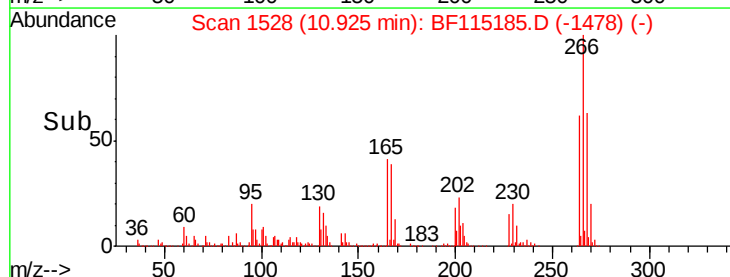
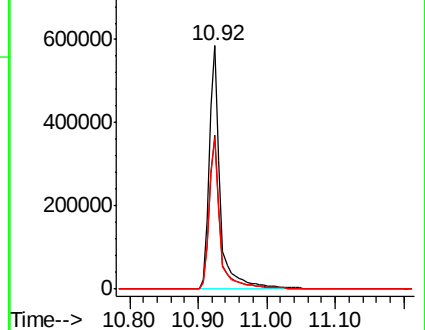
264 61.8 49.3 73.9

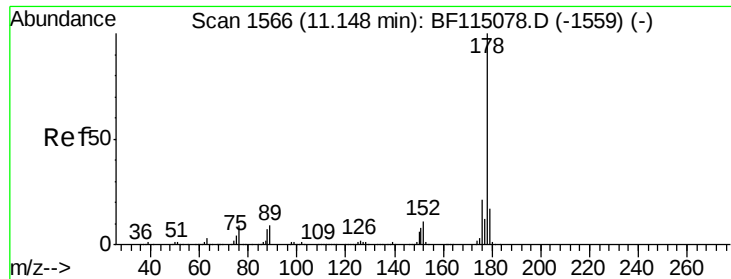


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.572 ng

RT: 11.14 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

Instrument :

BNA\_F

ClientSampleId :

PB120851BS

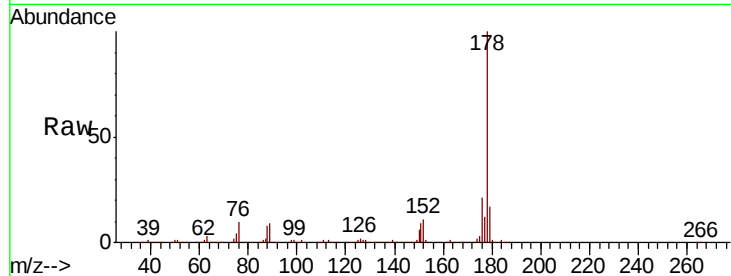
Tgt Ion:178 Resp: 2248784

Ion Ratio Lower Upper

178 100

176 21.2 16.9 25.3

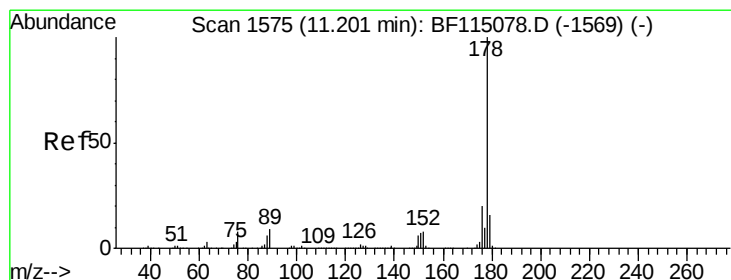
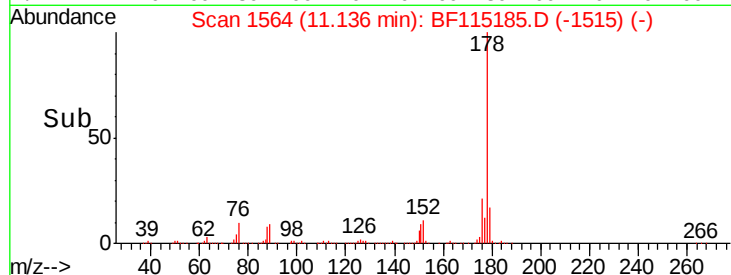
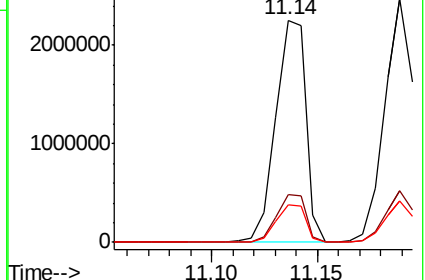
179 16.9 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.333 ng

RT: 11.19 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

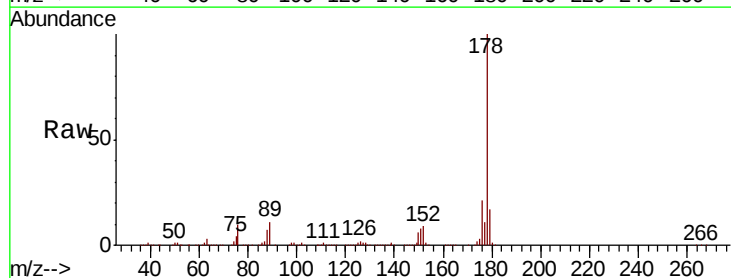
Tgt Ion:178 Resp: 2313642

Ion Ratio Lower Upper

178 100

176 21.0 16.1 24.1

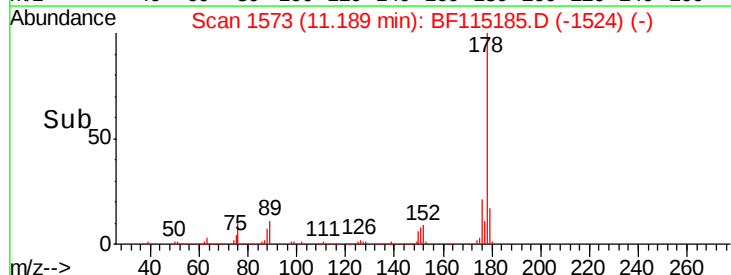
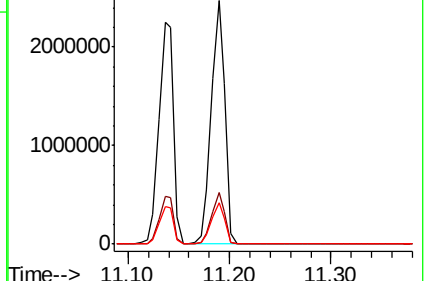
179 17.0 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

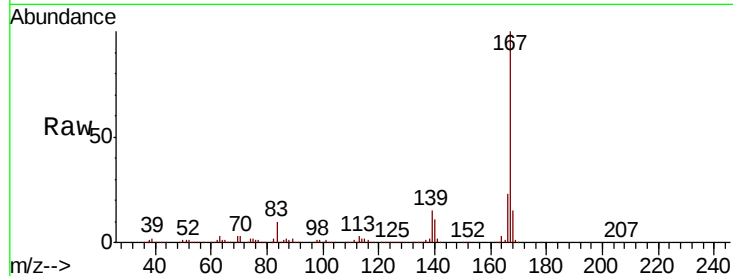




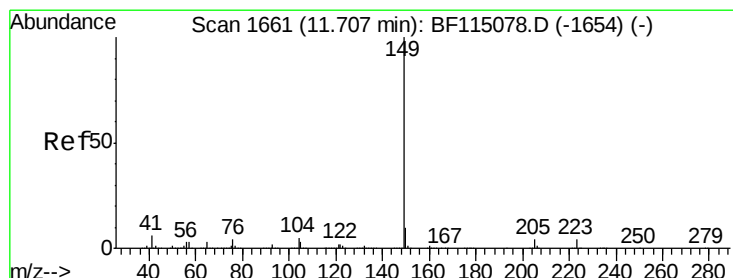
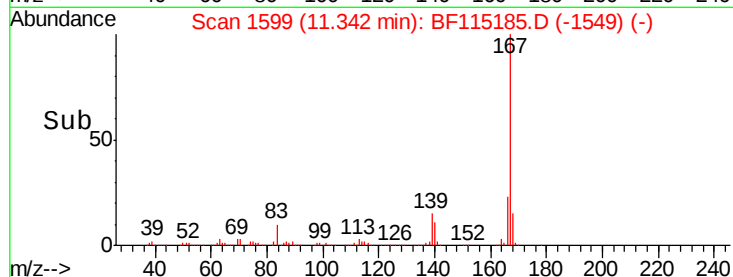
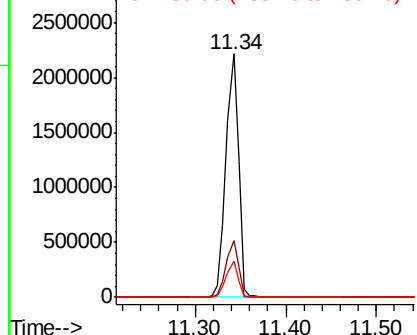
#73  
 Carbazole  
 Concen: 41.277 ng  
 RT: 11.34 min Scan# 1599  
 Delta R.T. -0.01 min  
 Lab File: BF115185.D  
 Acq: 25 Jun 2019 14:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB120851BS

Tgt Ion:167 Resp: 2114383  
 Ion Ratio Lower Upper  
 167 100  
 166 23.3 18.0 27.0  
 139 14.8 11.1 16.7

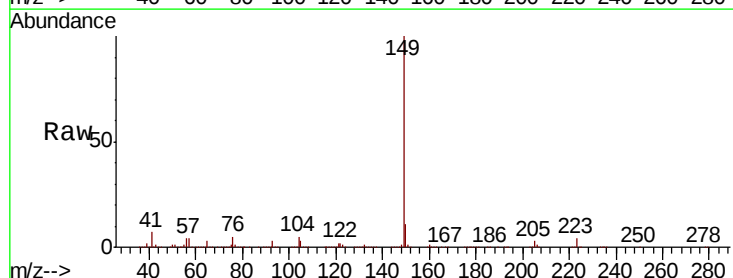


Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E

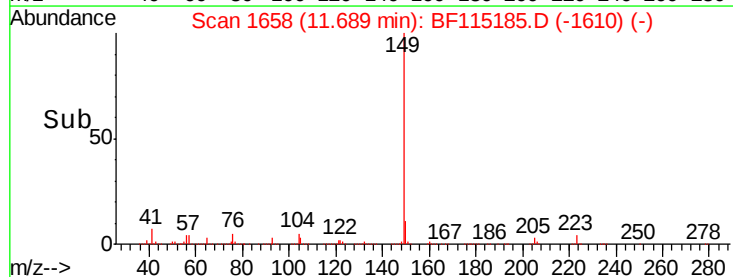
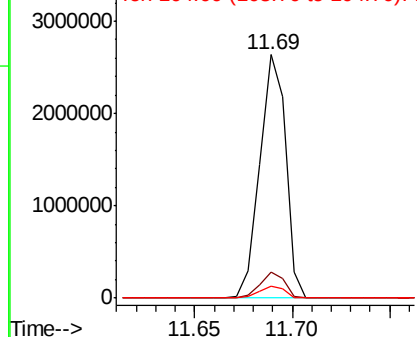


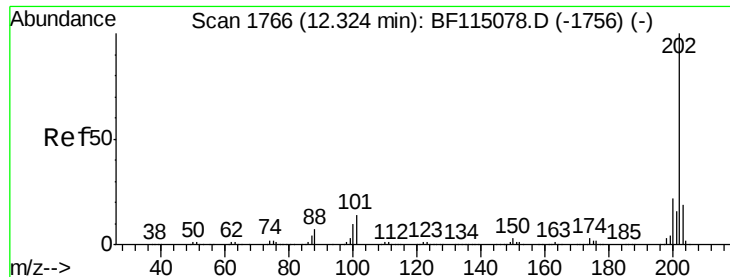
#74  
 Di-n-butylphthalate  
 Concen: 41.021 ng  
 RT: 11.69 min Scan# 1658  
 Delta R.T. -0.02 min  
 Lab File: BF115185.D  
 Acq: 25 Jun 2019 14:14

Tgt Ion:149 Resp: 2428103  
 Ion Ratio Lower Upper  
 149 100  
 150 10.5 7.8 11.8  
 104 5.1 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.250 ng

RT: 12.32 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

Instrument :

BNA\_F

ClientSampleId :

PB120851BS

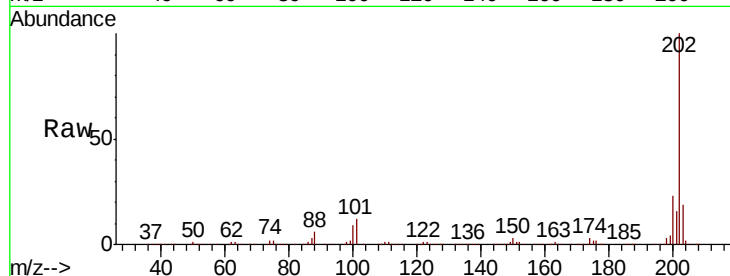
Tgt Ion:202 Resp: 2338855

Ion Ratio Lower Upper

202 100

101 12.3 0.0 34.0

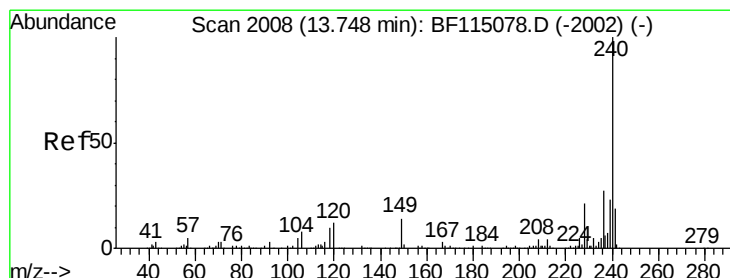
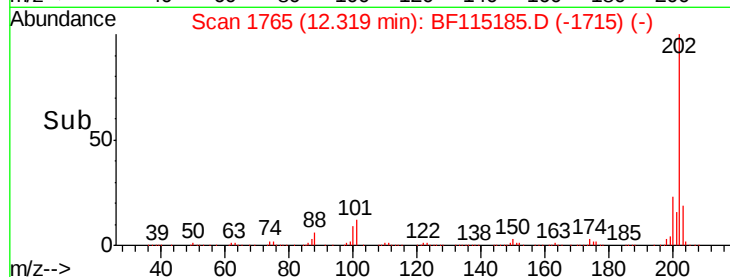
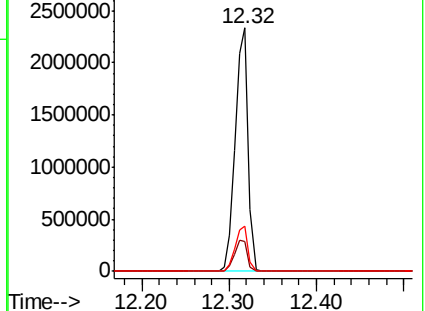
203 18.6 0.0 38.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.73 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

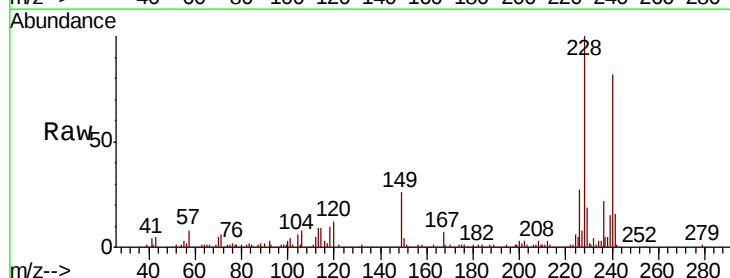
Tgt Ion:240 Resp: 714794

Ion Ratio Lower Upper

240 100

120 14.2 9.4 14.2#

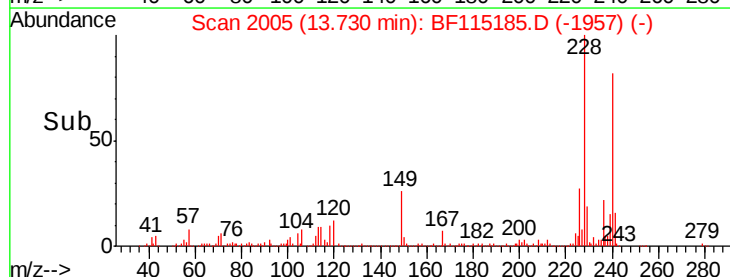
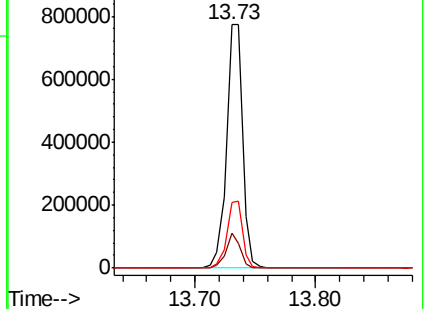
236 27.2 21.7 32.5

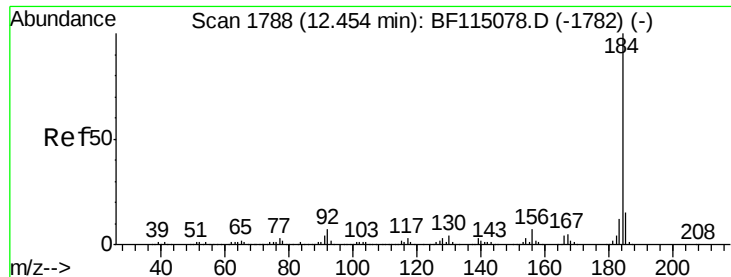


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 24.719 ng

RT: 12.44 min Scan# 1785

Delta R.T. -0.02 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

Instrument :

BNA\_F

ClientSampleId :

PB120851BS

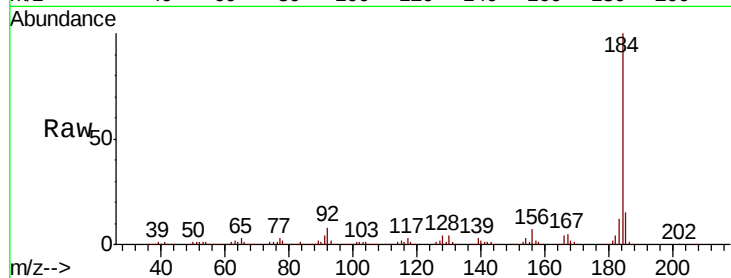
Tgt Ion:184 Resp: 784565

Ion Ratio Lower Upper

184 100

185 15.3 12.2 18.2

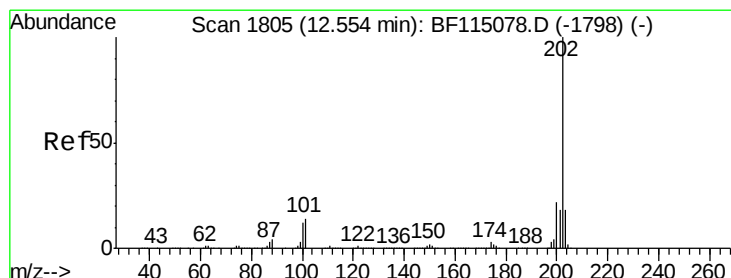
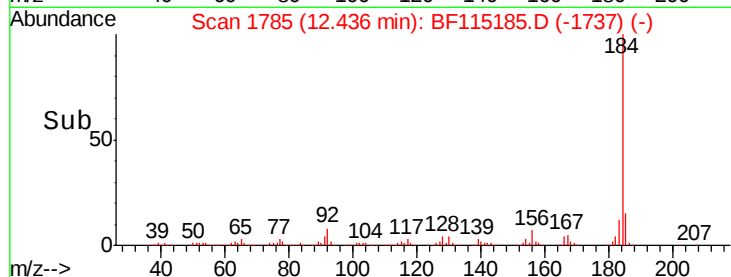
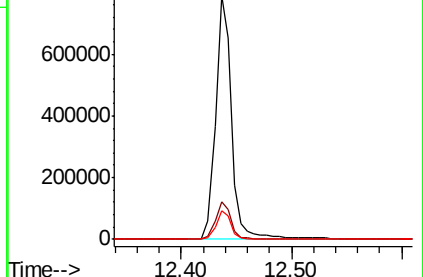
183 11.7 9.6 14.4



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: 42.983 ng

RT: 12.54 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

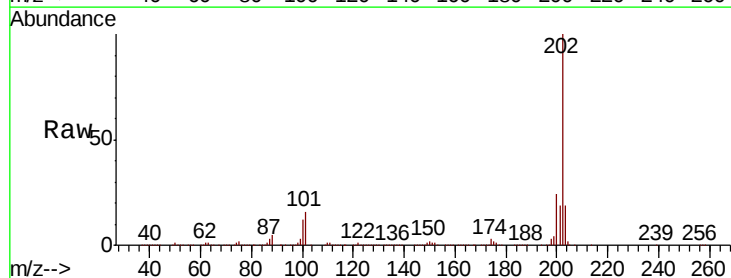
Tgt Ion:202 Resp: 2361143

Ion Ratio Lower Upper

202 100

200 23.9 17.9 26.9

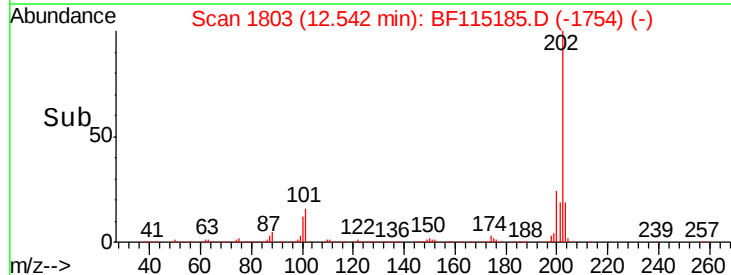
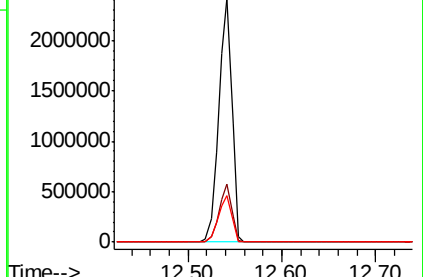
203 19.2 14.6 21.8



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: 85.023 ng

RT: 12.69 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

Instrument :

BNA\_F

ClientSampleId :

PB120851BS

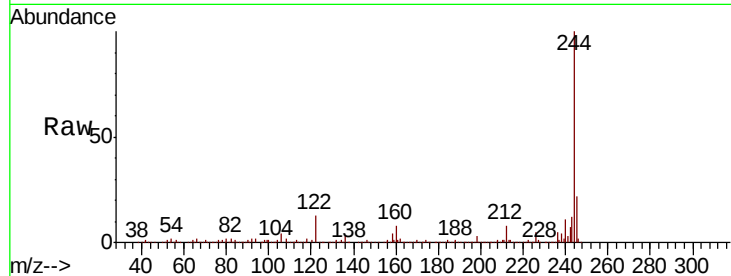
Tgt Ion:244 Resp: 2858389

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

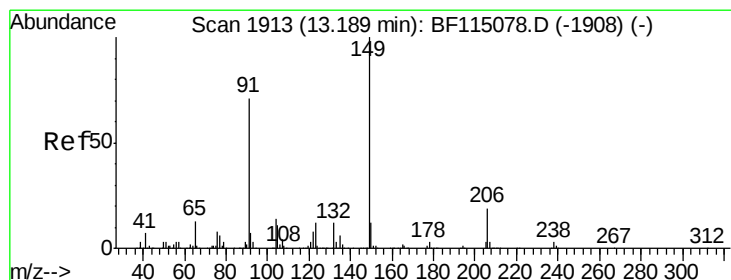
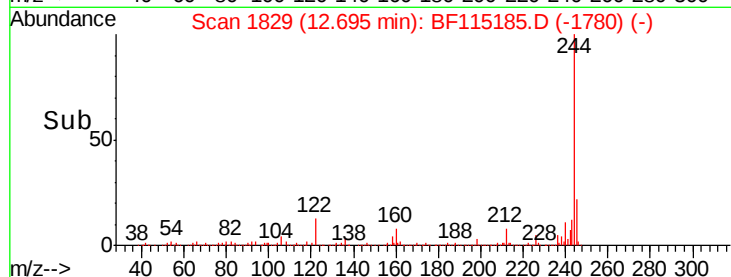
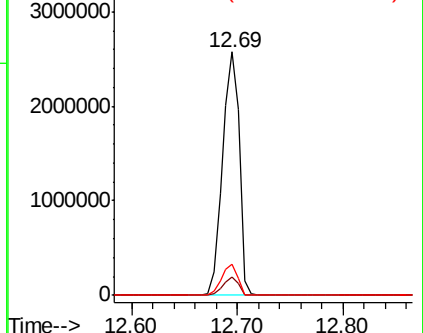
122 12.6 10.4 15.6



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: 45.348 ng

RT: 13.18 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

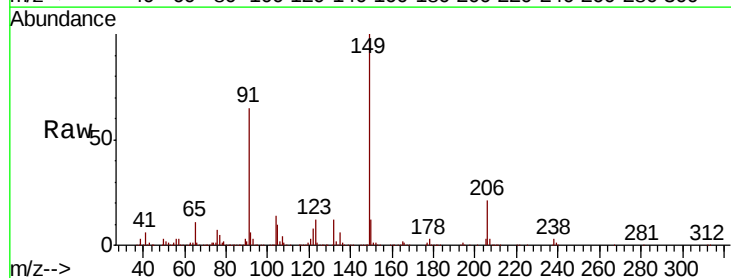
Tgt Ion:149 Resp: 1099327

Ion Ratio Lower Upper

149 100

91 64.8 56.5 84.7

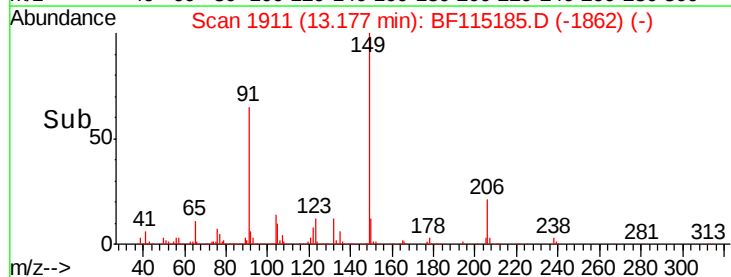
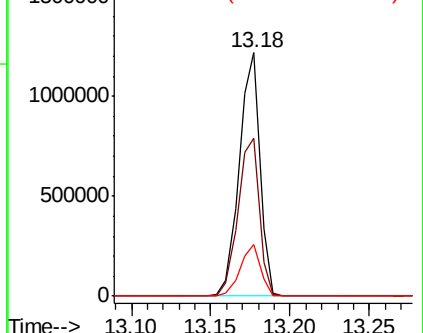
206 21.4 15.3 22.9

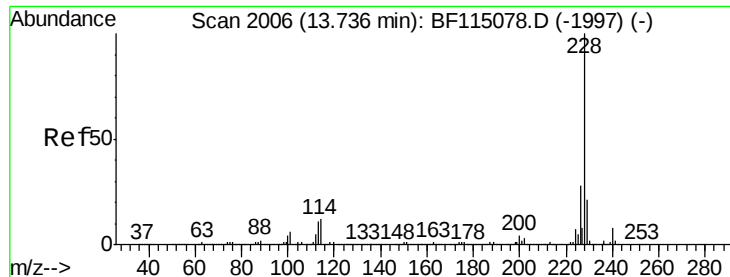


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.259 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

Instrument :

BNA\_F

ClientSampleId :

PB120851BS

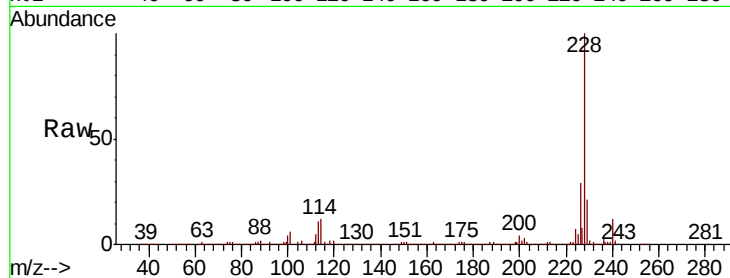
Tgt Ion:228 Resp: 2167403

Ion Ratio Lower Upper

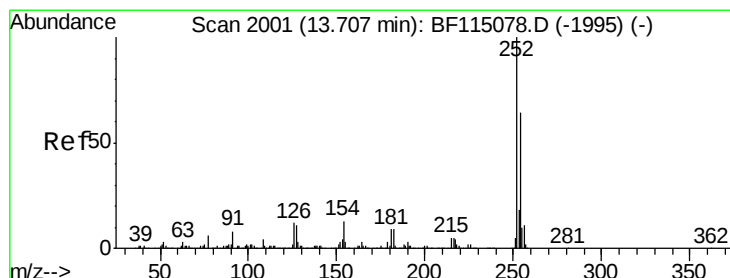
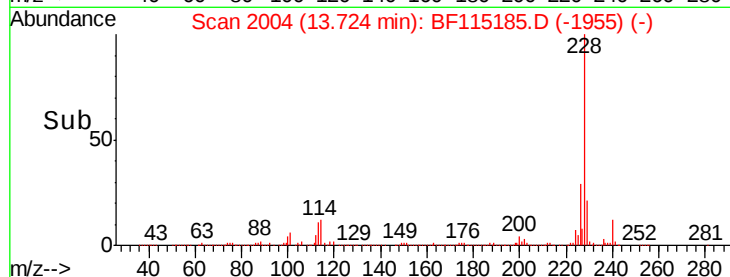
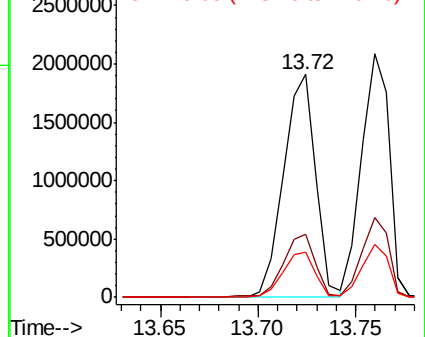
228 100

226 28.6 22.5 33.7

229 20.5 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: 36.957 ng

RT: 13.69 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

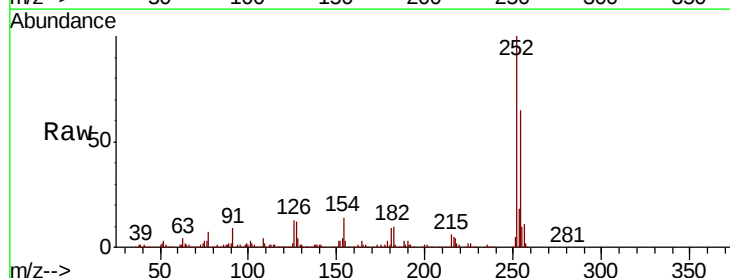
Tgt Ion:252 Resp: 684489

Ion Ratio Lower Upper

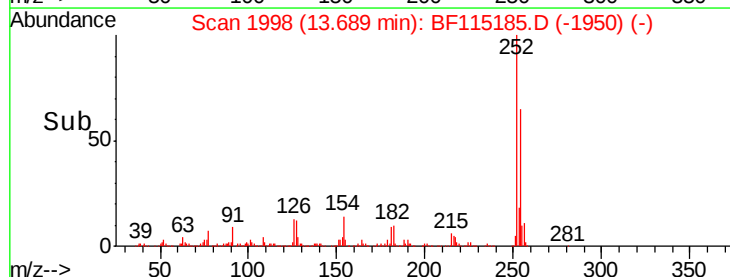
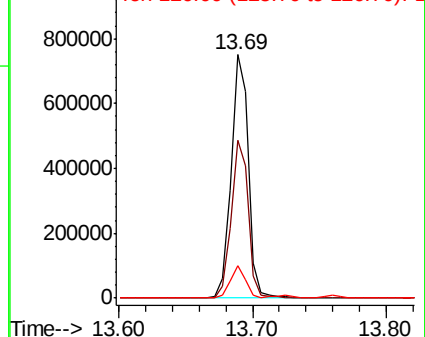
252 100

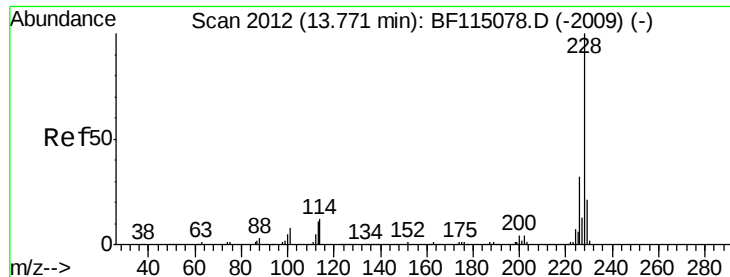
254 64.6 51.1 76.7

126 13.4 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: 44.029 ng

RT: 13.76 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

Instrument :

BNA\_F

ClientSampleId :

PB120851BS

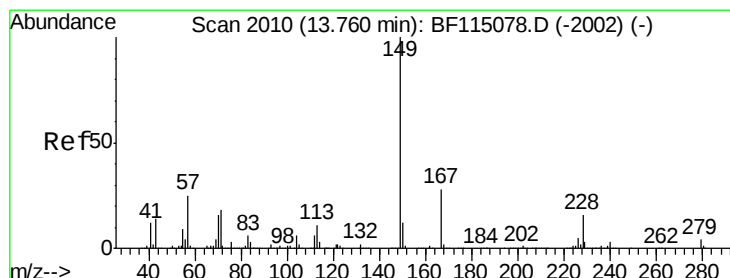
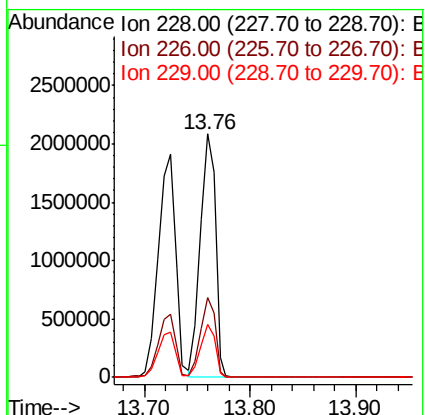
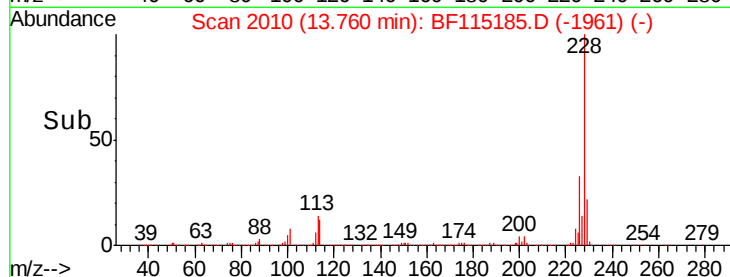
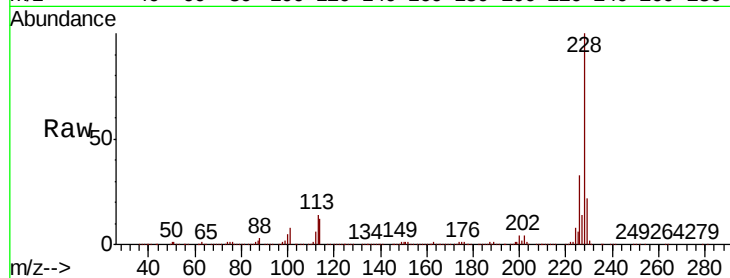
Tgt Ion:228 Resp: 2068549

Ion Ratio Lower Upper

228 100

226 32.6 25.4 38.0

229 21.6 16.5 24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.275 ng

RT: 13.74 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

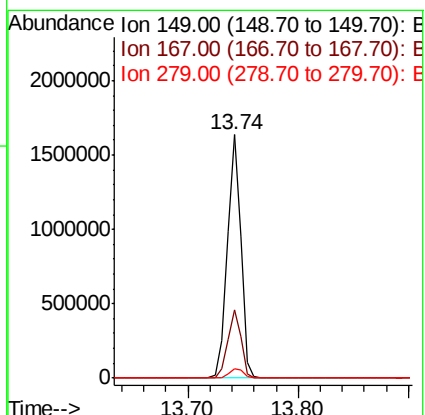
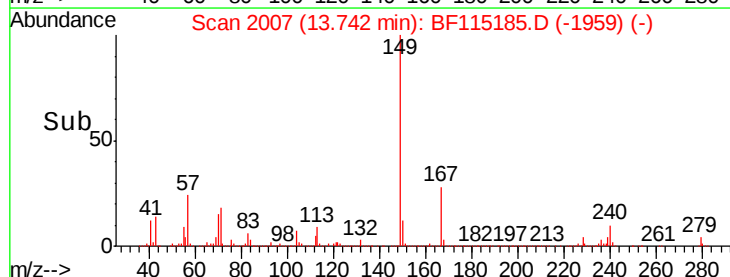
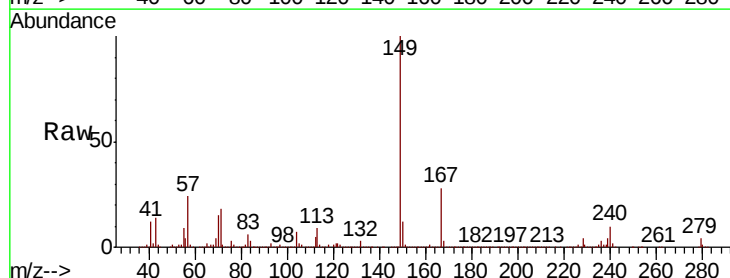
Tgt Ion:149 Resp: 1406395

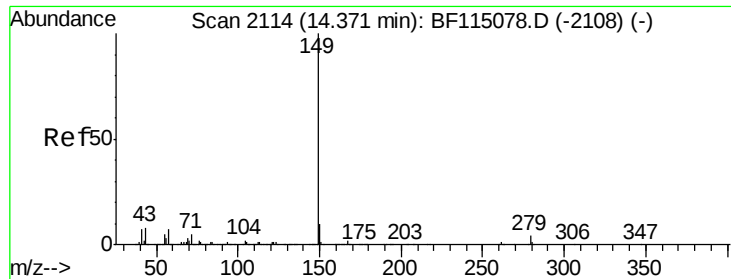
Ion Ratio Lower Upper

149 100

167 28.3 22.2 33.4

279 4.0 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 45.297 ng

RT: 14.35 min Scan# 2111

Delta R.T. -0.02 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

Instrument :

BNA\_F

ClientSampleId :

PB120851BS

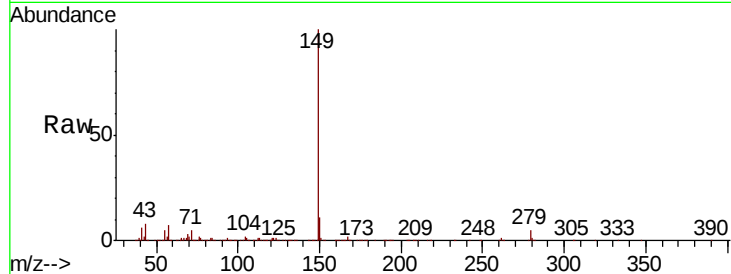
Tgt Ion:149 Resp: 2417549

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

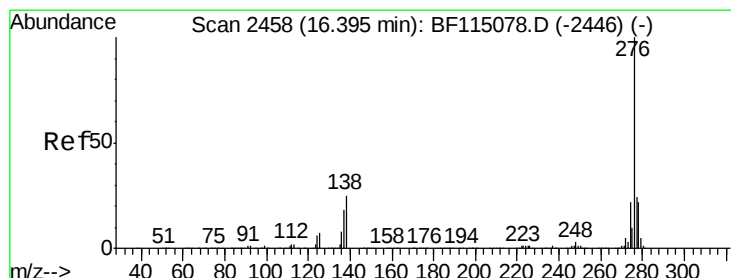
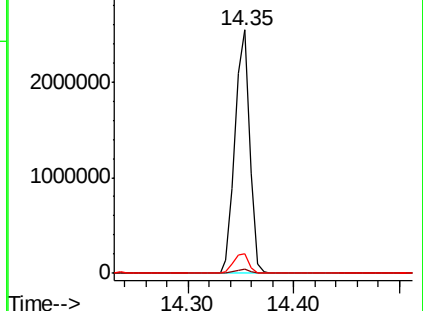
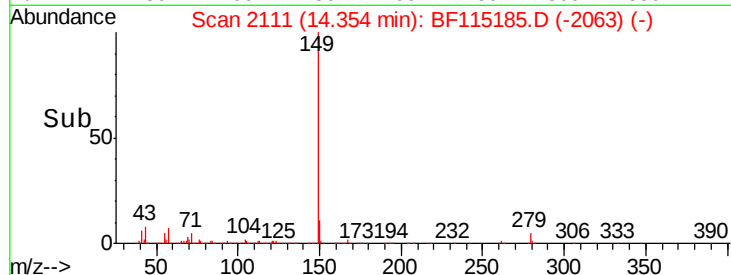
43 8.6 7.0 10.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.850 ng

RT: 16.38 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

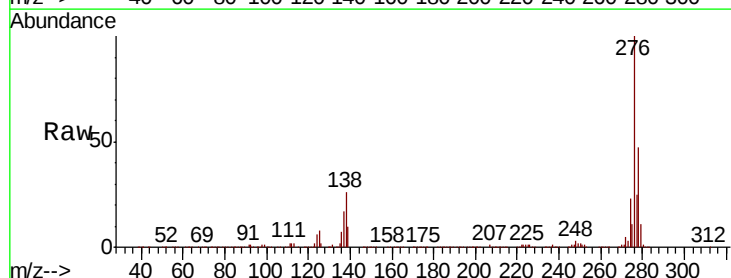
Tgt Ion:276 Resp: 2382159

Ion Ratio Lower Upper

276 100

138 28.1 23.2 34.8

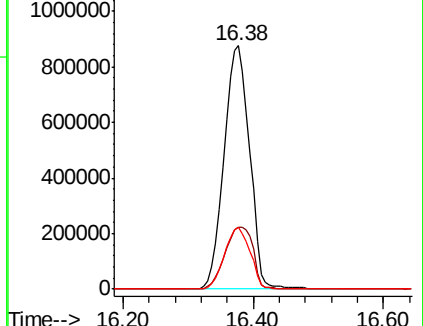
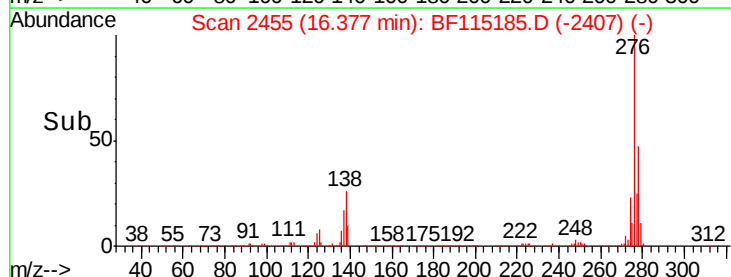
277 25.5 20.1 30.1

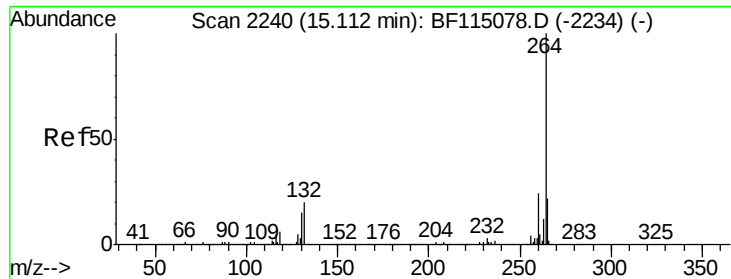


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.10 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

Instrument :

BNA\_F

ClientSampleId :

PB120851BS

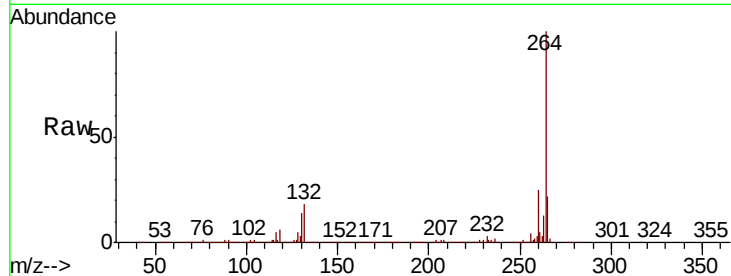
Tgt Ion:264 Resp: 756554

Ion Ratio Lower Upper

264 100

260 24.7 19.6 29.4

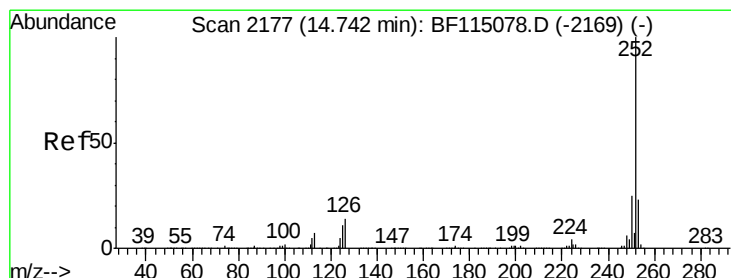
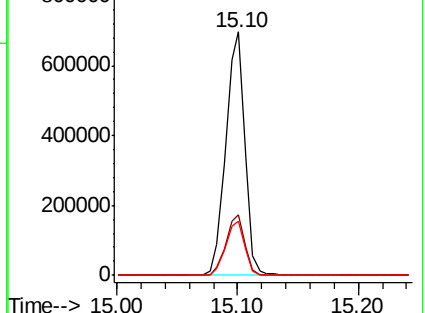
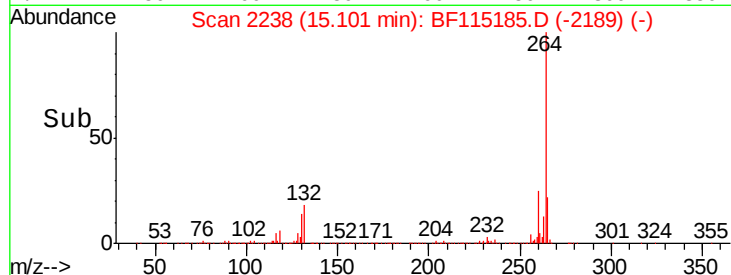
265 22.0 17.3 25.9



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: 50.255 ng

RT: 14.73 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

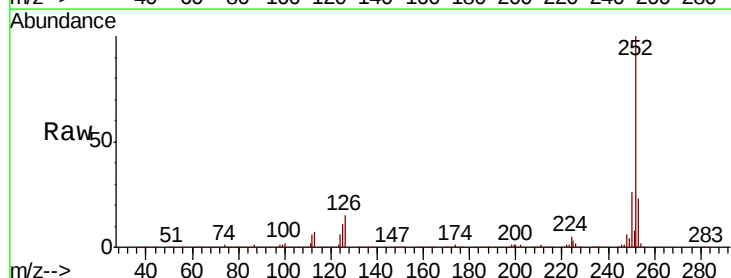
Tgt Ion:252 Resp: 2372387

Ion Ratio Lower Upper

252 100

253 23.3 18.1 27.1

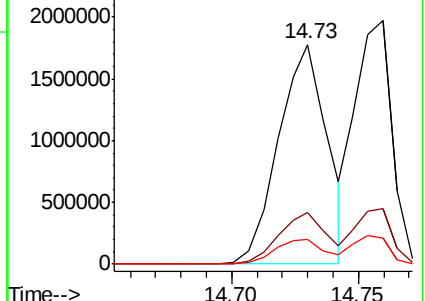
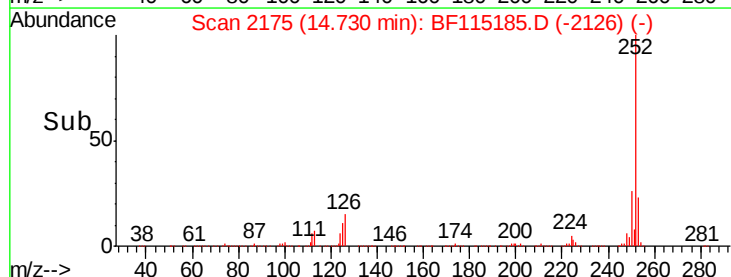
125 11.2 8.7 13.1

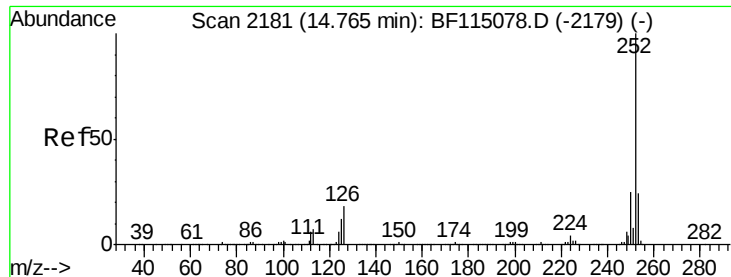


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

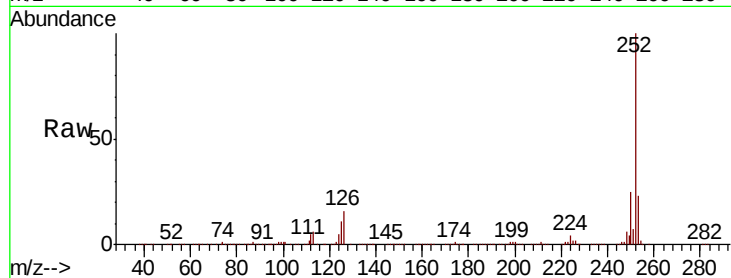




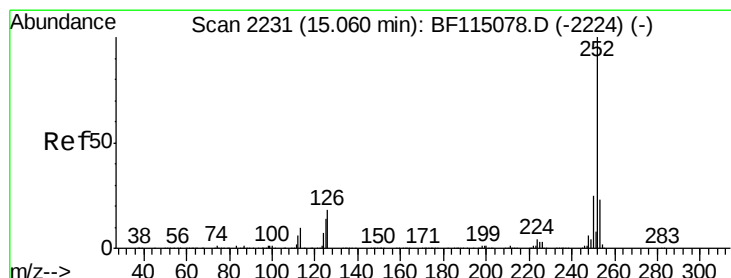
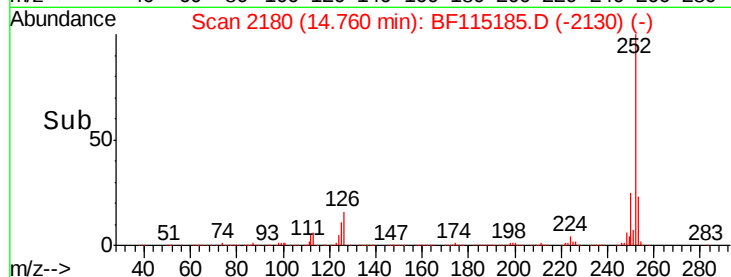
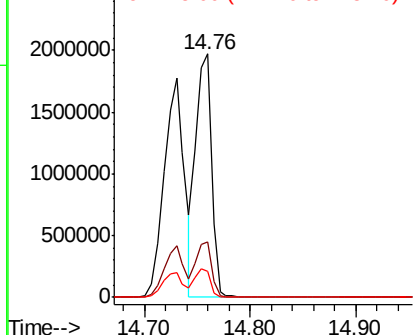
#89  
Benzo(k)fluoranthene  
Concen: 47.681 ng  
RT: 14.76 min Scan# 2180  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB120851BS

Tgt Ion:252 Resp: 2018560  
Ion Ratio Lower Upper  
252 100  
253 22.9 18.9 28.3  
125 10.5 10.2 15.2

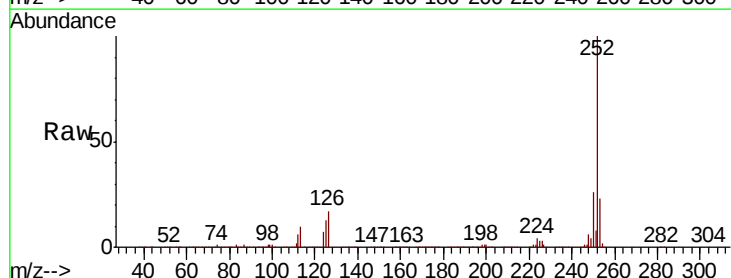


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

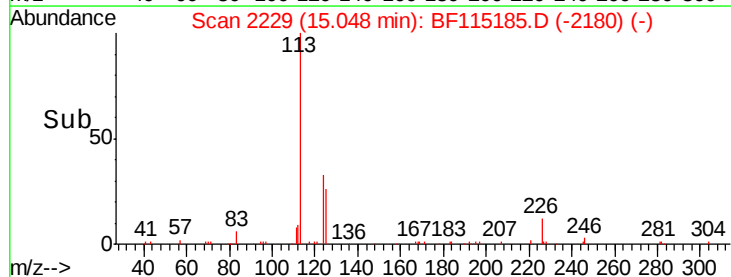
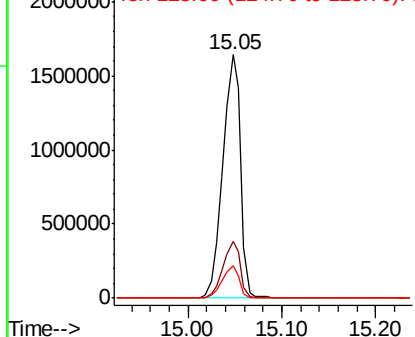


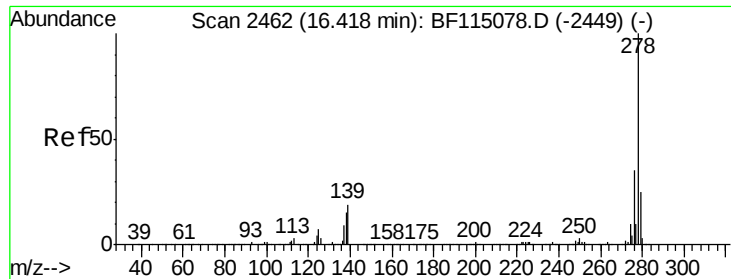
#90  
Benzo(a)pyrene  
Concen: 50.829 ng  
RT: 15.05 min Scan# 2229  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

Tgt Ion:252 Resp: 2162663  
Ion Ratio Lower Upper  
252 100  
253 23.4 18.3 27.5  
125 13.2 10.9 16.3



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 49.372 ng

RT: 16.39 min Scan# 2458

Delta R.T. -0.02 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

Instrument :

BNA\_F

ClientSampleId :

PB120851BS

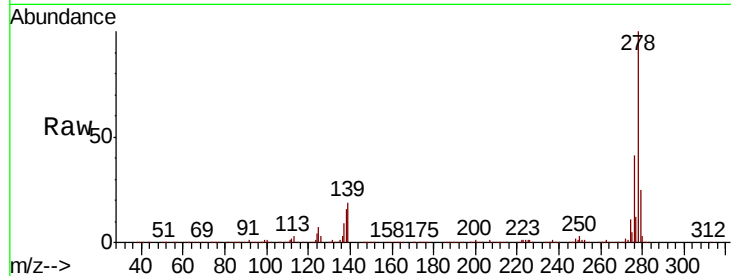
Tgt Ion:278 Resp: 1961135

Ion Ratio Lower Upper

278 100

139 18.7 15.4 23.2

279 24.7 19.9 29.9

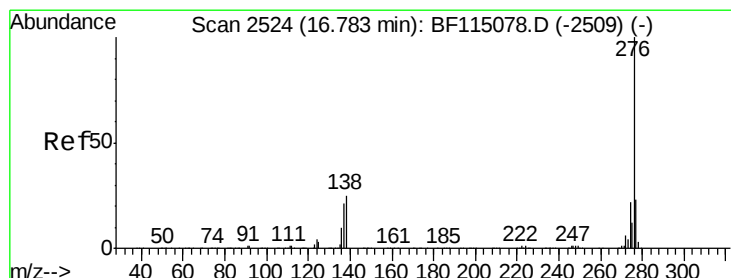
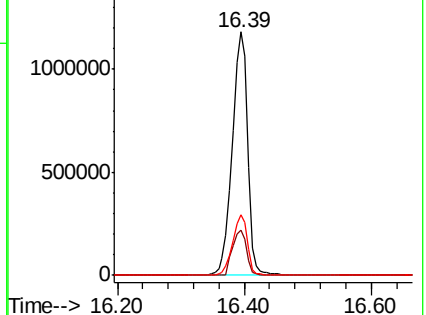
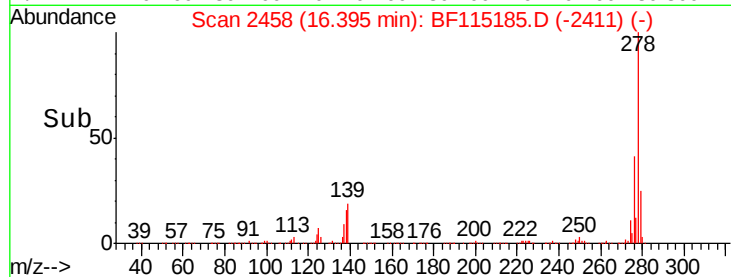


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 49.362 ng

RT: 16.76 min Scan# 2520

Delta R.T. -0.02 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

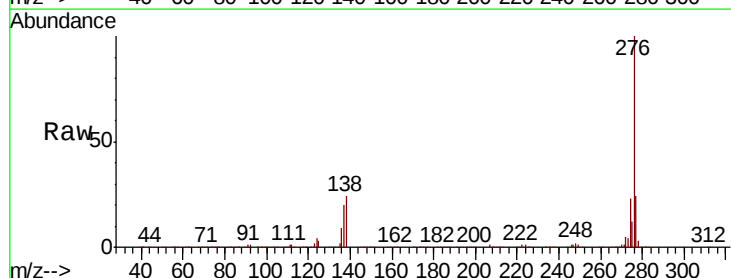
Tgt Ion:276 Resp: 1984501

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 23.9 19.8 29.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

