

Data File : BF118562.D  
Acq On : 17 Jan 2020 16:58  
Operator : JU  
Sample : PB126158BS  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB126158BS

Quant Time: Jan 18 01:01:14 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF011720.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jan 17 15:49:53 2020  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.89  | 152  | 431857   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.17  | 136  | 1640978  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.93  | 164  | 950582   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.42 | 188  | 1725785  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.05 | 240  | 1282541  | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.53 | 264  | 1088392  | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.52  | 112 | 2868791 | 122.74 | ng | 0.02 |
| 7) Phenol-d6                | 6.52  | 99  | 3770618 | 123.12 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 7.45  | 82  | 2216565 | 83.43  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 10.72 | 330 | 1342134 | 127.72 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 9.25  | 172 | 4242928 | 80.58  | ng | 0.00 |
| 79) Terphenyl-d14           | 13.00 | 244 | 4688092 | 72.19  | ng | 0.00 |

|                                |      |     |         |           |        |
|--------------------------------|------|-----|---------|-----------|--------|
| Target Compounds               |      |     |         |           | Qvalue |
| 2) 1,4-Dioxane                 | 2.78 | 88  | 523326  | 46.600 ng | 99     |
| 3) Pyridine                    | 3.53 | 79  | 1134112 | 36.566 ng | 100    |
| 4) n-Nitrosodimethylamine      | 3.47 | 42  | 586077  | 41.198 ng | 99     |
| 6) Aniline                     | 6.55 | 93  | 1384000 | 34.527 ng | 99     |
| 8) 2-Chlorophenol              | 6.68 | 128 | 1216631 | 45.770 ng | 95     |
| 9) Benzaldehyde                | 6.43 | 77  | 663672  | 42.334 ng | 99     |
| 10) Phenol                     | 6.53 | 94  | 1535774 | 45.707 ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 6.62 | 93  | 1148100 | 42.662 ng | 96     |
| 12) 1,3-Dichlorobenzene        | 6.83 | 146 | 1308202 | 41.386 ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.91 | 146 | 1328197 | 41.825 ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.06 | 146 | 1263434 | 42.524 ng | 97     |
| 15) Benzyl Alcohol             | 7.03 | 79  | 1123078 | 44.685 ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.16 | 45  | 1597977 | 40.477 ng | 99     |
| 17) 2-Methylphenol             | 7.14 | 107 | 1019855 | 45.200 ng | 99     |
| 18) Hexachloroethane           | 7.40 | 117 | 480123  | 41.489 ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 7.30 | 70  | 943592  | 42.965 ng | 99     |
| 20) 3+4-Methylphenols          | 7.29 | 107 | 1263492 | 46.828 ng | # 89   |
| 22) Acetophenone               | 7.30 | 105 | 1661071 | 41.713 ng | # 95   |
| 24) Nitrobenzene               | 7.47 | 77  | 1312367 | 46.447 ng | 100    |
| 25) Isophorone                 | 7.71 | 82  | 2472937 | 42.885 ng | 98     |
| 26) 2-Nitrophenol              | 7.79 | 139 | 587589  | 48.099 ng | 95     |
| 27) 2,4-Dimethylphenol         | 7.82 | 122 | 1178946 | 51.407 ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.92 | 93  | 1518039 | 40.973 ng | 100    |
| 29) 2,4-Dichlorophenol         | 8.03 | 162 | 1107761 | 43.883 ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.12 | 180 | 1198210 | 40.730 ng | 99     |
| 31) Naphthalene                | 8.20 | 128 | 3396667 | 43.891 ng | 99     |
| 32) Benzoic acid               | 7.94 | 122 | 699076  | 45.070 ng | 99     |
| 33) 4-Chloroaniline            | 8.23 | 127 | 824448  | 22.928 ng | 99     |
| 34) Hexachlorobutadiene        | 8.32 | 225 | 710921  | 38.743 ng | 98     |
| 35) Caprolactam                | 8.61 | 113 | 184310  | 23.470 ng | 95     |
| 36) 4-Chloro-3-methylphenol    | 8.72 | 107 | 1118507 | 44.697 ng | 96     |
| 37) 2-Methylnaphthalene        | 8.89 | 142 | 2449414 | 44.676 ng | 100    |
| 38) 1-Methylnaphthalene        | 8.99 | 142 | 2327627 | 44.876 ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.06 | 216 | 1218127 | 39.730 ng | 99     |

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|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.05  | 237  | 1562993  | 97.568  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 9.16  | 196  | 857600   | 43.901  | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 9.20  | 196  | 885662   | 44.843  | ng    | 98       |
| 46) 1,1'-Biphenyl              | 9.35  | 154  | 2910426  | 42.849  | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.37  | 162  | 2356964  | 41.170  | ng    | 98       |
| 48) 2-Nitroaniline             | 9.46  | 65   | 696683   | 46.789  | ng    | 98       |
| 49) Acenaphthylene             | 9.79  | 152  | 3555753  | 43.989  | ng    | 100      |
| 50) Dimethylphthalate          | 9.65  | 163  | 2712459  | 41.560  | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.71  | 165  | 628368   | 50.460  | ng    | 94       |
| 52) Acenaphthene               | 9.96  | 154  | 2407110  | 45.457  | ng    | 100      |
| 53) 3-Nitroaniline             | 9.87  | 138  | 400053   | 28.359  | ng    | # 91     |
| 54) 2,4-Dinitrophenol          | 9.98  | 184  | 480924   | 89.136  | ng    | # 1      |
| 55) Dibenzofuran               | 10.14 | 168  | 3246046  | 43.317  | ng    | 98       |
| 56) 4-Nitrophenol              | 10.03 | 139  | 1065953  | 102.291 | ng    | 94       |
| 57) 2,4-Dinitrotoluene         | 10.11 | 165  | 815094   | 49.485  | ng    | 99       |
| 58) Fluorene                   | 10.48 | 166  | 2504791  | 43.164  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.25 | 232  | 787611   | 46.615  | ng    | 99       |
| 60) Diethylphthalate           | 10.35 | 149  | 2685488  | 42.147  | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.47 | 204  | 1373846  | 43.275  | ng    | 99       |
| 62) 4-Nitroaniline             | 10.49 | 138  | 612100   | 43.687  | ng    | 99       |
| 63) Azobenzene                 | 10.63 | 77   | 2666509  | 42.938  | ng    | 100      |
| 65) 4,6-Dinitro-2-methylphenol | 10.52 | 198  | 351451   | 49.625  | ng    | 98       |
| 66) n-Nitrosodiphenylamine     | 10.59 | 169  | 2350959  | 42.396  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.96 | 248  | 943399   | 40.837  | ng    | 99       |
| 68) Hexachlorobenzene          | 11.03 | 284  | 1015501  | 39.668  | ng    | 99       |
| 69) Atrazine                   | 11.12 | 200  | 853208   | 53.318  | ng    | 98       |
| 70) Pentachlorophenol          | 11.22 | 266  | 1171418  | 93.107  | ng    | 99       |
| 71) Phenanthrene               | 11.44 | 178  | 3606155  | 41.571  | ng    | 100      |
| 72) Anthracene                 | 11.49 | 178  | 3705794  | 42.818  | ng    | 99       |
| 73) Carbazole                  | 11.64 | 167  | 3282661  | 42.055  | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.97 | 149  | 3815005  | 39.330  | ng    | 99       |
| 75) Fluoranthene               | 12.63 | 202  | 3796848  | 40.701  | ng    | 99       |
| 77) Benzidine                  | 12.74 | 184  | 1966147  | 63.096  | ng    | 98       |
| 78) Pyrene                     | 12.86 | 202  | 3818530  | 39.891  | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.47 | 149  | 1669991  | 40.699  | ng    | 99       |
| 81) Benzo(a)anthracene         | 14.04 | 228  | 3315493  | 40.955  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 14.00 | 252  | 856645   | 30.161  | ng    | 100      |
| 83) Chrysene                   | 14.08 | 228  | 3222739  | 41.387  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 14.04 | 149  | 2148420  | 42.184  | ng    | # 98     |
| 85) Di-n-octyl phthalate       | 14.65 | 149  | 3386957  | 43.427  | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 17.01 | 276  | 2762777  | 36.055  | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 15.10 | 252  | 3147051  | 44.395  | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 15.13 | 252  | 2663873  | 41.580  | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.47 | 252  | 2533640  | 41.076  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 17.03 | 278  | 2318729  | 40.249  | ng    | 100      |
| 92) Benzo(g,h,i)perylene       | 17.46 | 276  | 2244559  | 40.336  | ng    | 99       |

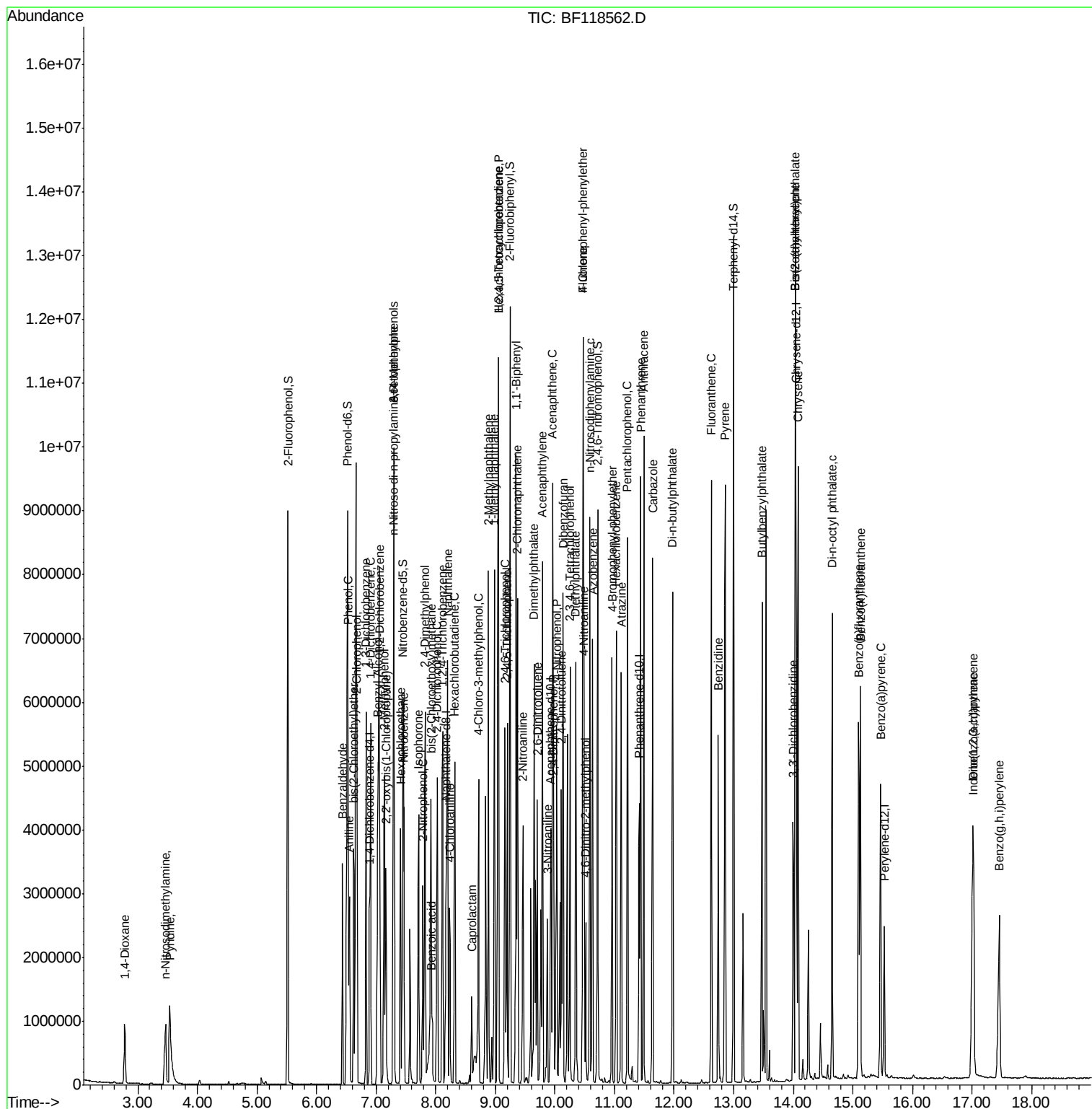
(#) = qualifier out of range (m) = manual integration (+) = signals summed

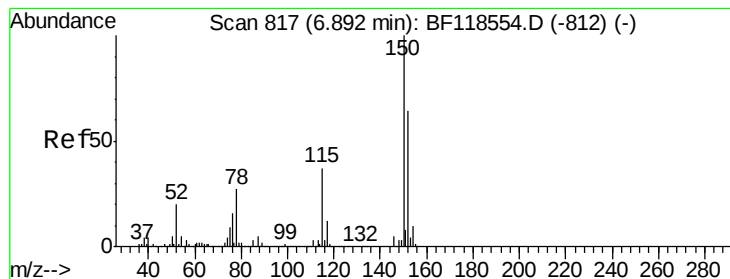
Data File : BF118562.D

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.01 min

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BNA\_F

ClientSampleId :

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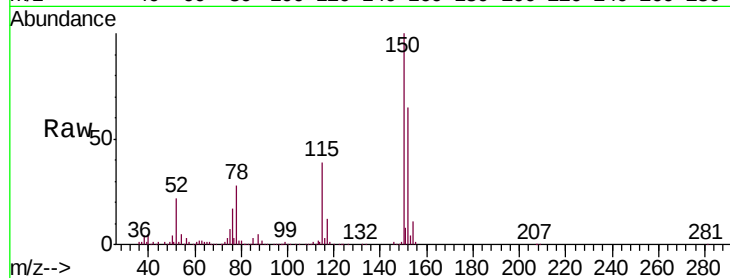
Tgt Ion:152 Resp: 431857

Ion Ratio Lower Upper

152 100

150 154.3 124.9 187.3

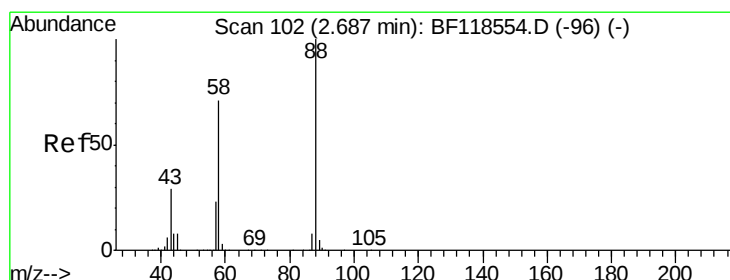
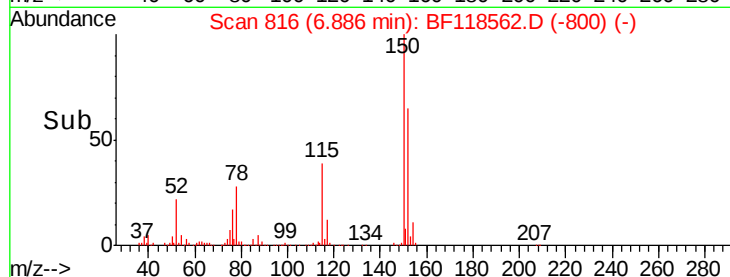
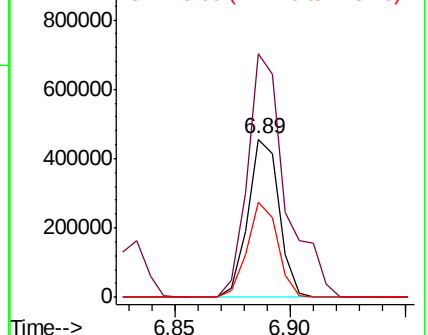
115 60.3 45.8 68.6



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: 46.600 ng

RT: 2.78 min Scan# 118

Delta R.T. 0.09 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

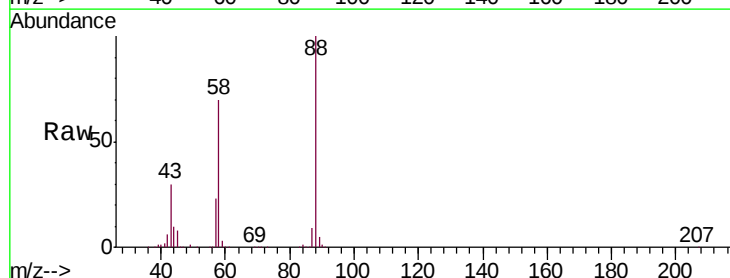
Tgt Ion: 88 Resp: 523326

Ion Ratio Lower Upper

88 100

58 70.2 56.7 85.1

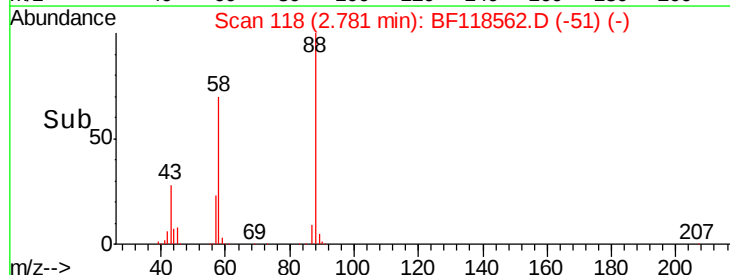
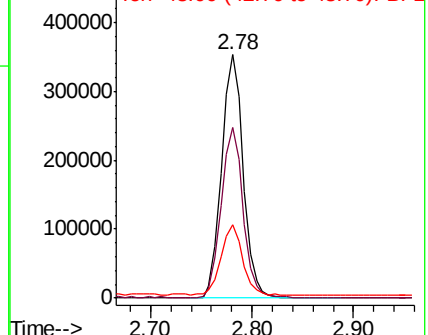
43 28.8 23.3 34.9

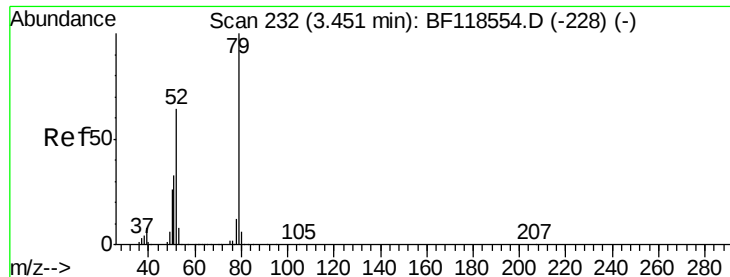


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 36.566 ng

RT: 3.53 min Scan# 246

Delta R.T. 0.08 min

Lab File: BF118562.D

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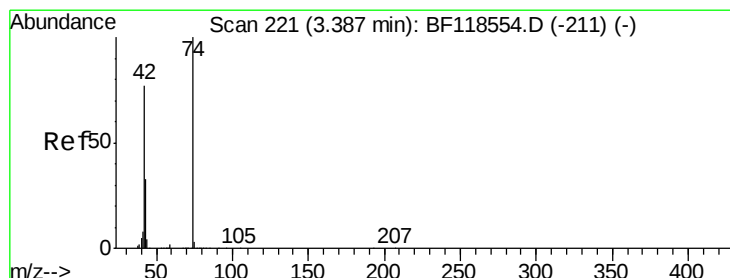
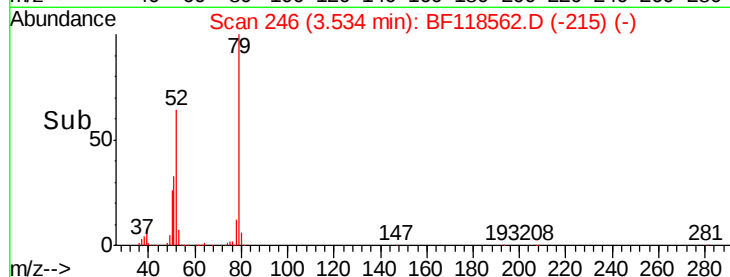
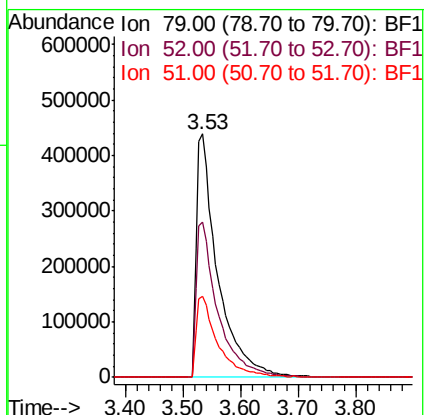
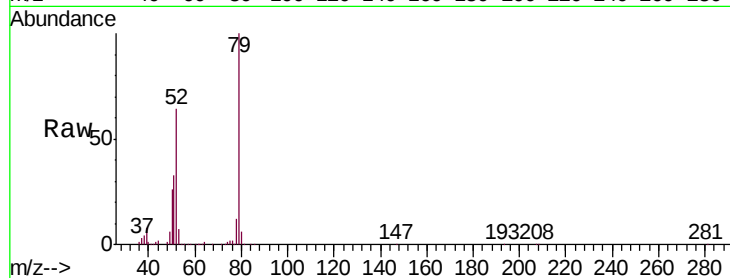
Tgt Ion: 79 Resp: 1134112

Ion Ratio Lower Upper

79 100

52 63.8 51.3 76.9

51 33.2 26.7 40.1



#4

n-Nitrosodimethylamine

Concen: 41.198 ng

RT: 3.47 min Scan# 235

Delta R.T. 0.08 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

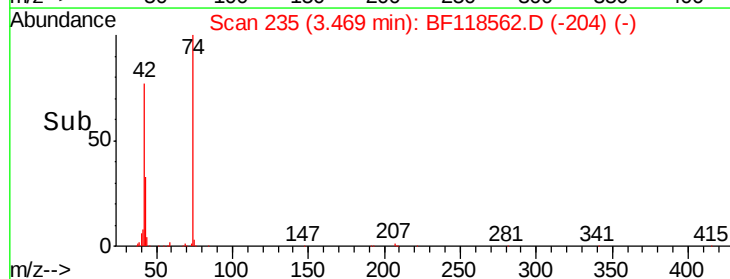
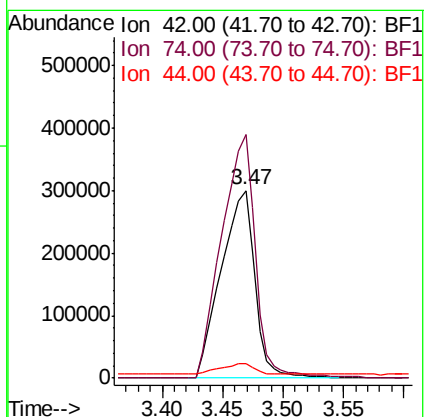
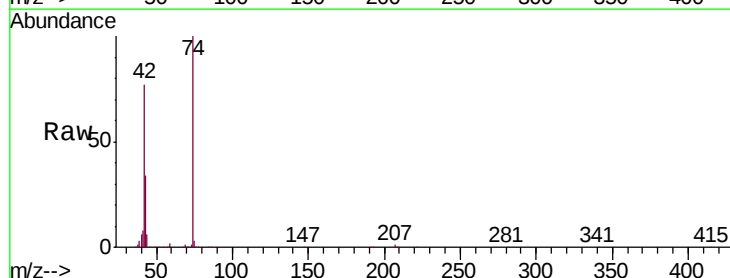
Tgt Ion: 42 Resp: 586077

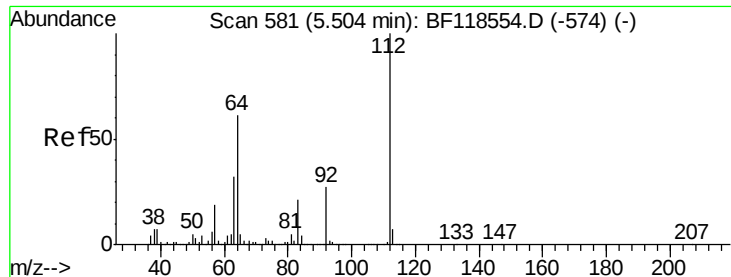
Ion Ratio Lower Upper

42 100

74 129.9 103.1 154.7

44 7.7 5.4 8.2





#5

2-Fluorophenol

Concen: 122.743 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.02 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

Instrument :

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ClientSampleId :

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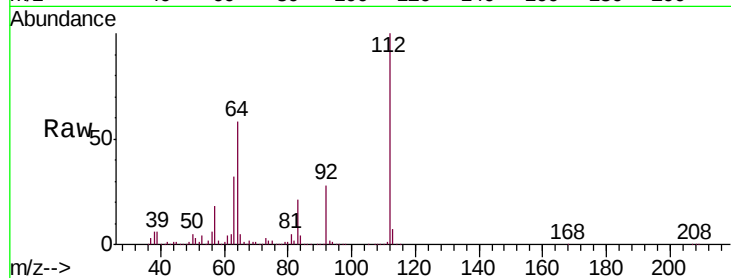
Tgt Ion:112 Resp: 2868791

Ion Ratio Lower Upper

112 100

64 57.7 49.1 73.7

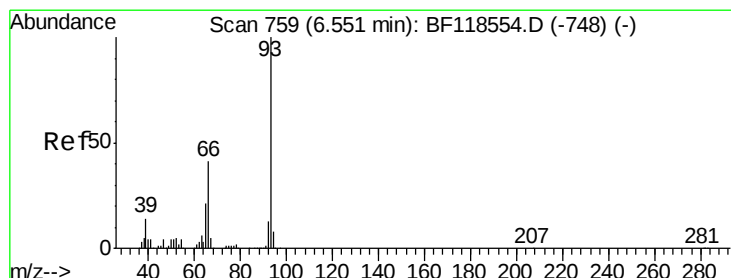
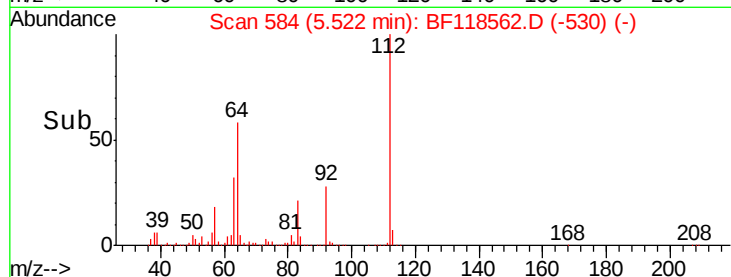
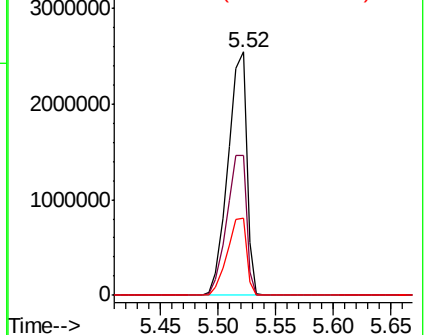
63 31.5 25.8 38.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 34.527 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

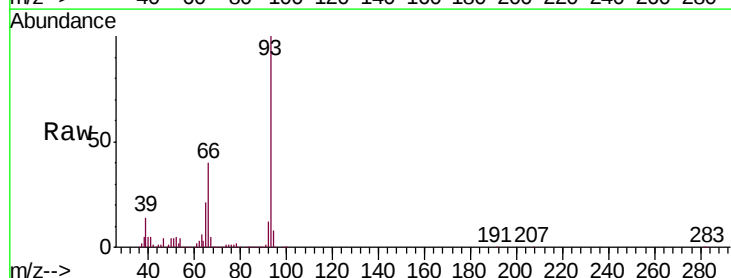
Tgt Ion: 93 Resp: 1384000

Ion Ratio Lower Upper

93 100

66 40.3 32.9 49.3

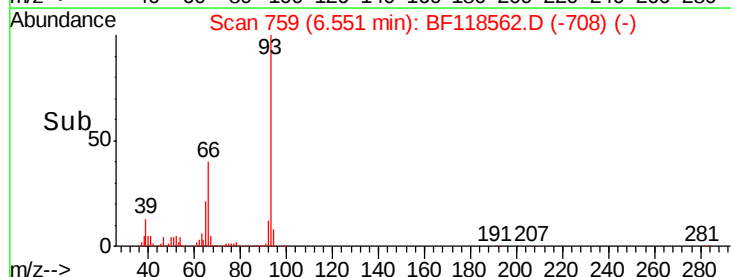
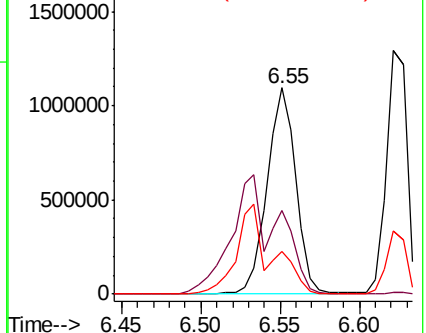
65 20.8 16.5 24.7

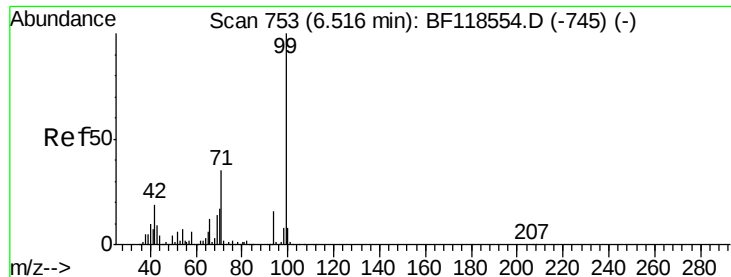


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 123.122 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

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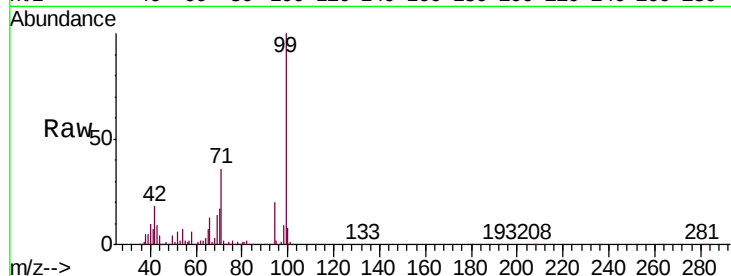
Tgt Ion: 99 Resp: 3770618

Ion Ratio Lower Upper

99 100

42 18.4 14.9 22.3

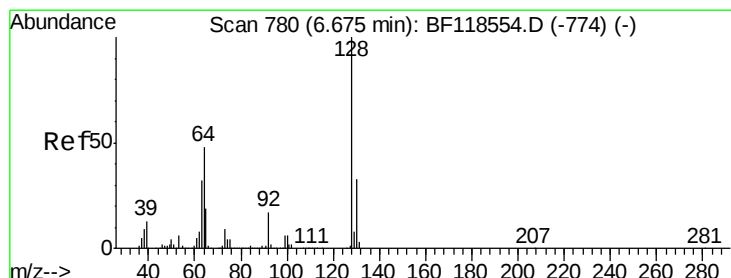
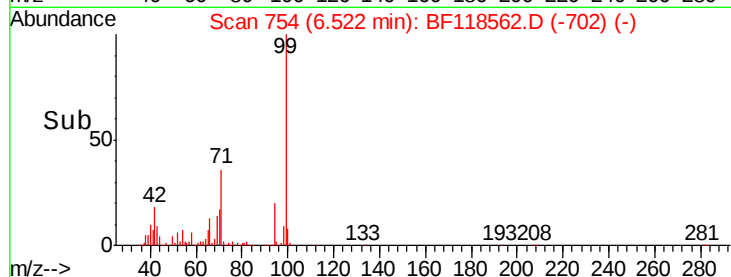
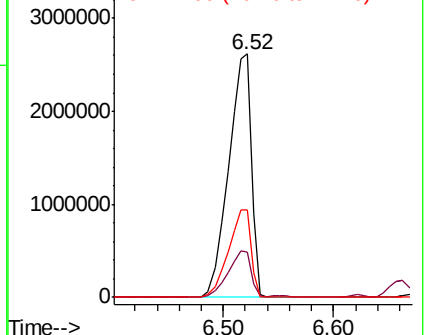
71 35.7 28.3 42.5



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: 45.770 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.01 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

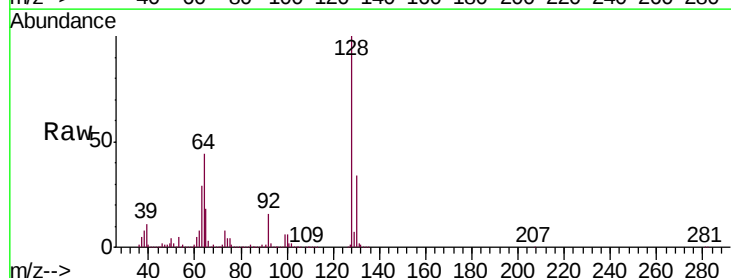
Tgt Ion: 128 Resp: 1216631

Ion Ratio Lower Upper

128 100

130 33.8 13.2 53.2

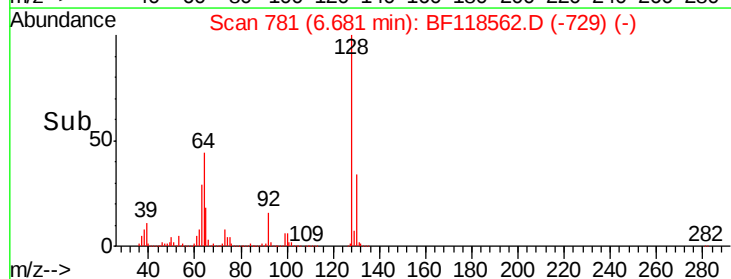
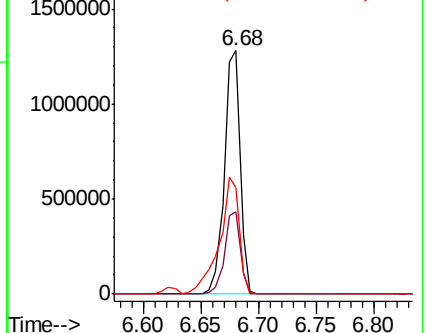
64 43.7 28.9 68.9

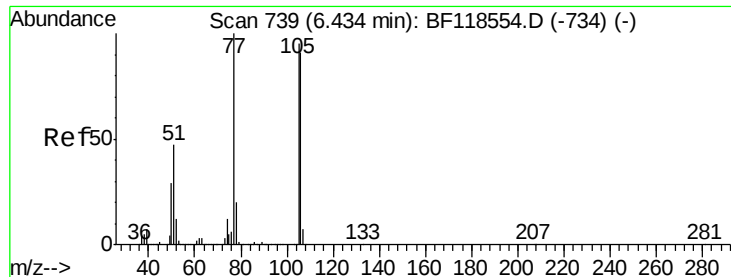


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 42.334 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

Instrument :

BNA\_F

ClientSampleId :

PB126158BS

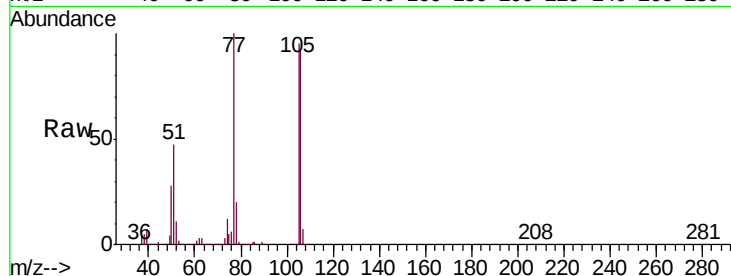
Tgt Ion: 77 Resp: 663672

Ion Ratio Lower Upper

77 100

105 94.9 75.2 115.2

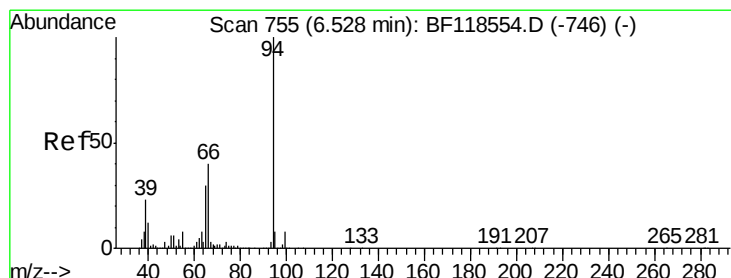
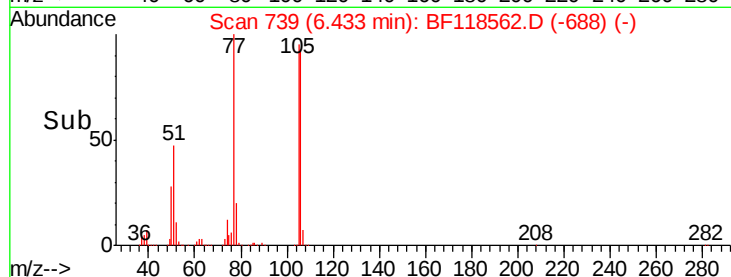
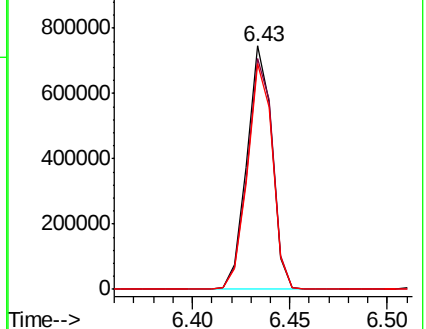
106 92.9 71.4 111.4



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: 45.707 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

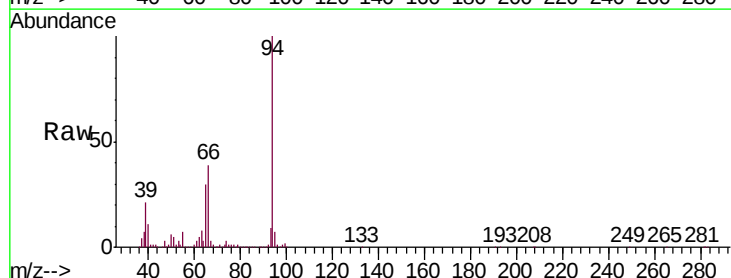
Tgt Ion: 94 Resp: 1535774

Ion Ratio Lower Upper

94 100

65 29.6 9.8 49.8

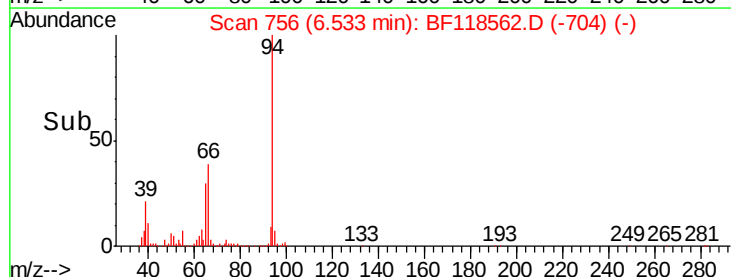
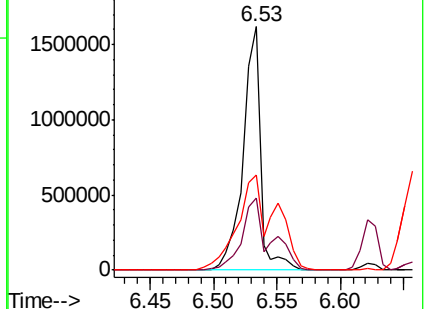
66 39.1 19.5 59.5

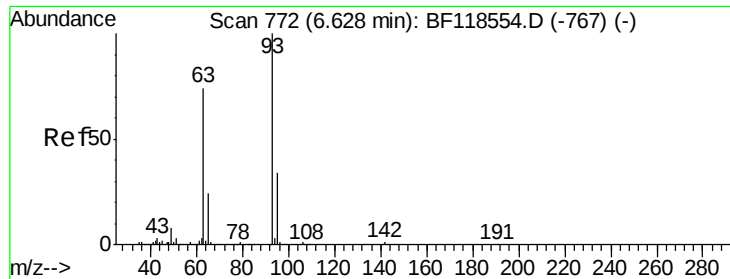


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

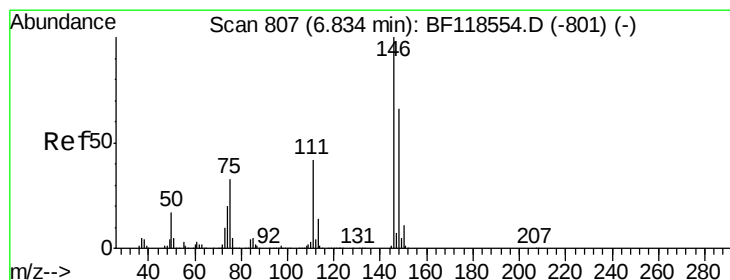
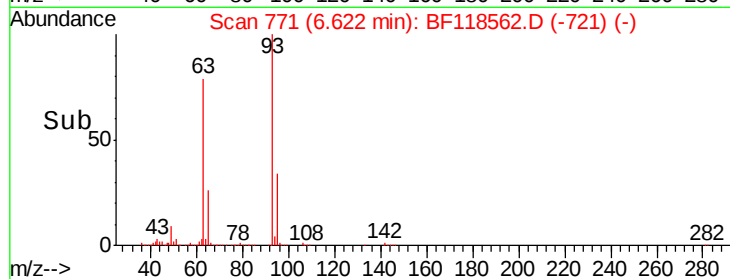
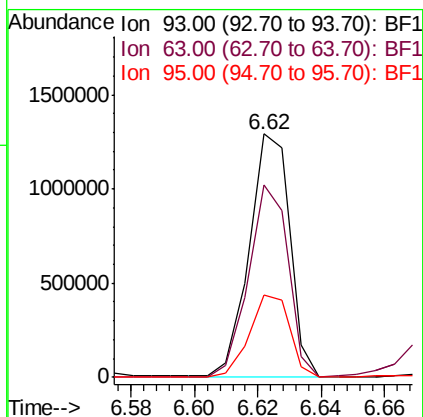
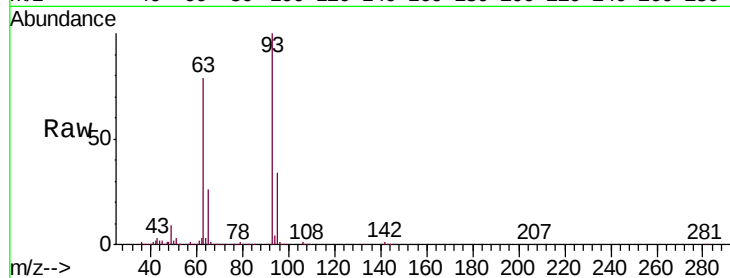




#11  
bis(2-Chloroethyl)ether  
Concen: 42.662 ng  
RT: 6.62 min Scan# 771  
Delta R.T. -0.01 min  
Lab File: BF118562.D  
Acq: 17 Jan 2020 16:58

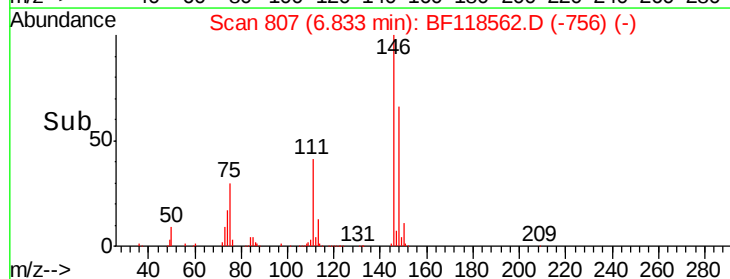
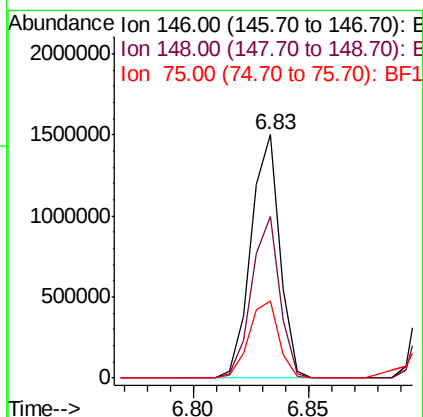
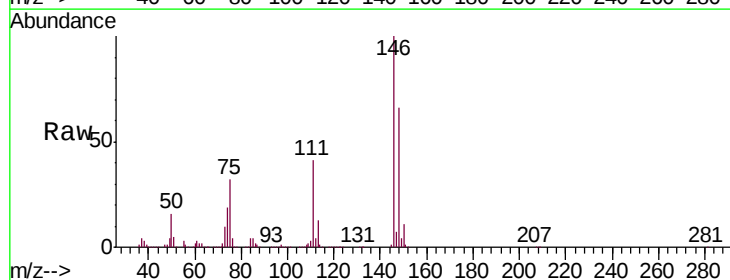
Instrument :  
BNA\_F  
ClientSampleId :  
PB126158BS

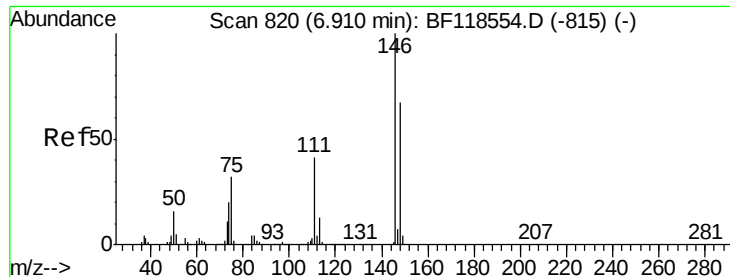
Tgt Ion: 93 Resp: 1148100  
Ion Ratio Lower Upper  
93 100  
63 78.8 54.0 94.0  
95 34.0 13.5 53.5



#12  
1,3-Dichlorobenzene  
Concen: 41.386 ng  
RT: 6.83 min Scan# 807  
Delta R.T. -0.00 min  
Lab File: BF118562.D  
Acq: 17 Jan 2020 16:58

Tgt Ion: 146 Resp: 1308202  
Ion Ratio Lower Upper  
146 100  
148 66.2 53.0 79.6  
75 31.5 26.5 39.7

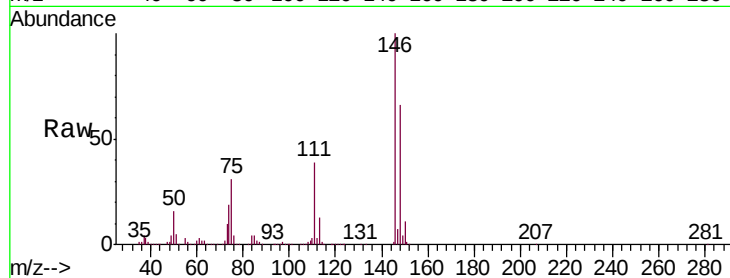




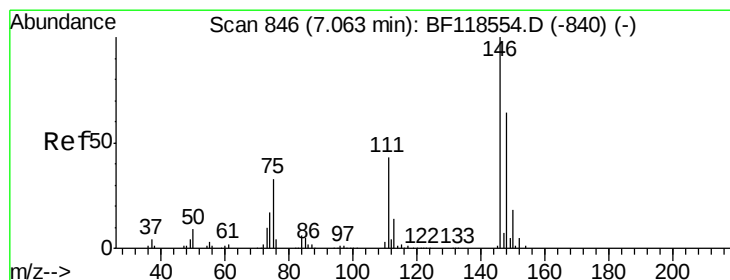
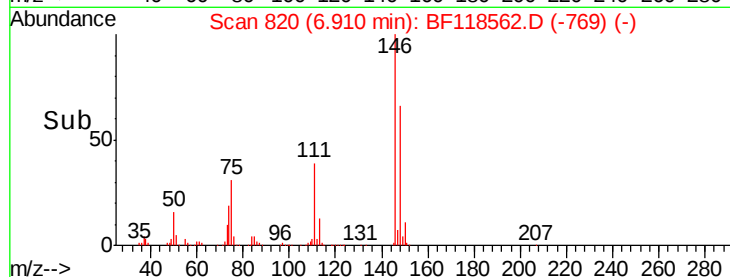
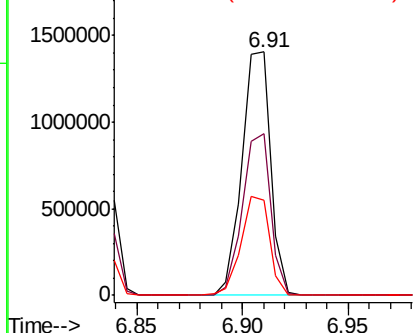
#13  
 1,4-Dichlorobenzene  
 Concen: 41.825 ng  
 RT: 6.91 min Scan# 820  
 Delta R.T. -0.00 min  
 Lab File: BF118562.D  
 Acq: 17 Jan 2020 16:58

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB126158BS

Tgt Ion:146 Resp: 1328197  
 Ion Ratio Lower Upper  
 146 100  
 148 66.2 53.4 80.2  
 111 39.0 32.6 48.8

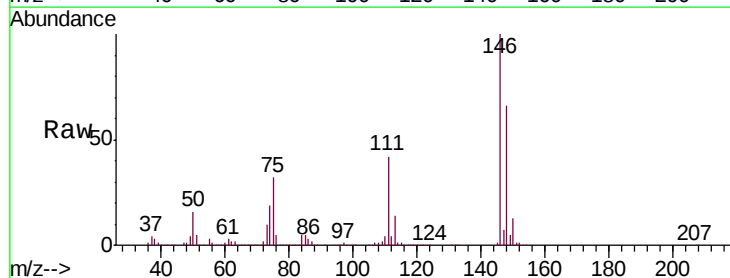


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

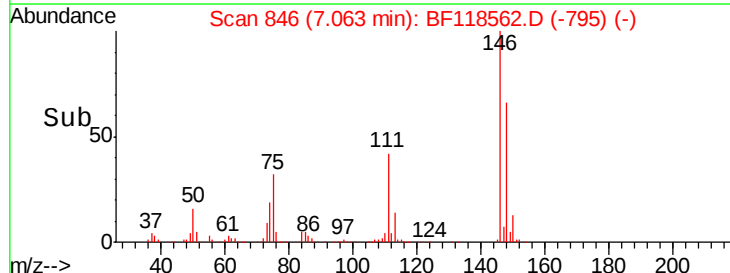
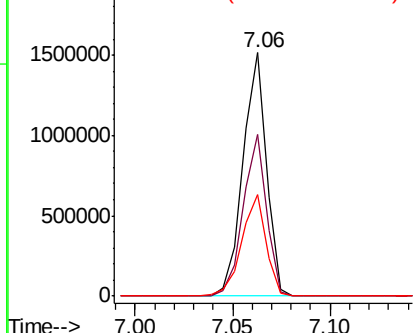


#14  
 1,2-Dichlorobenzene  
 Concen: 42.524 ng  
 RT: 7.06 min Scan# 846  
 Delta R.T. -0.00 min  
 Lab File: BF118562.D  
 Acq: 17 Jan 2020 16:58

Tgt Ion:146 Resp: 1263434  
 Ion Ratio Lower Upper  
 146 100  
 148 66.3 51.2 76.8  
 111 41.8 34.6 52.0



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





#15

Benzyl Alcohol

Concen: 44.685 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

Instrument :

BNA\_F

ClientSampleId :

PB126158BS

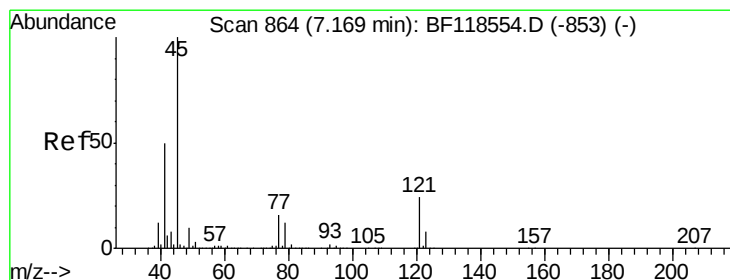
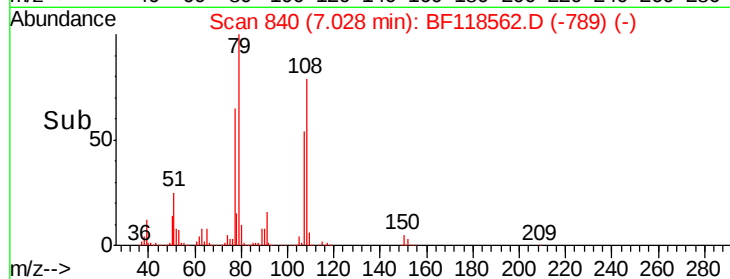
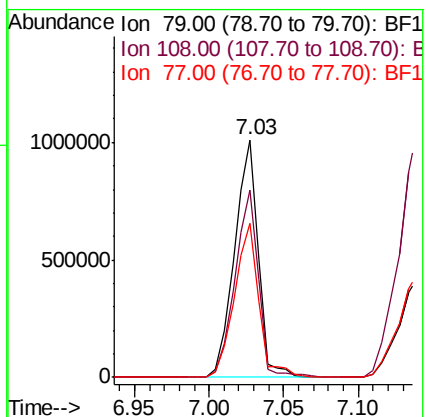
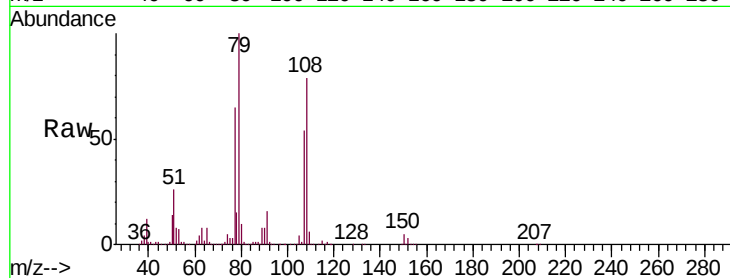
Tgt Ion: 79 Resp: 1123078

Ion Ratio Lower Upper

79 100

108 78.7 61.9 92.9

77 64.8 51.5 77.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.477 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

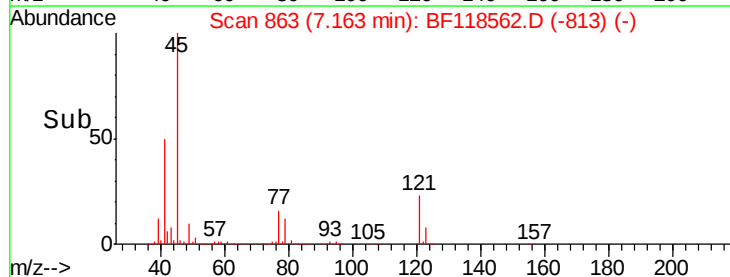
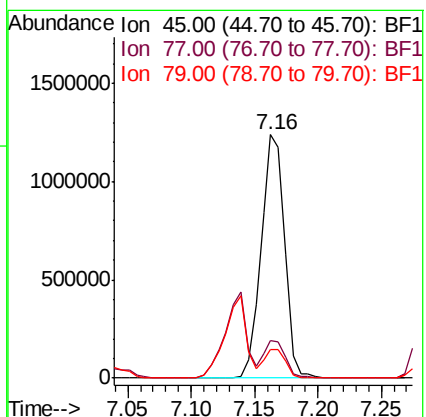
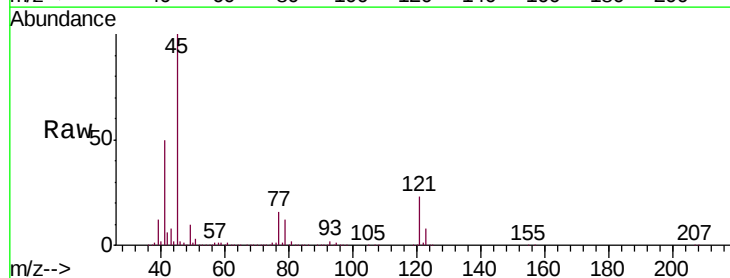
Tgt Ion: 45 Resp: 1597977

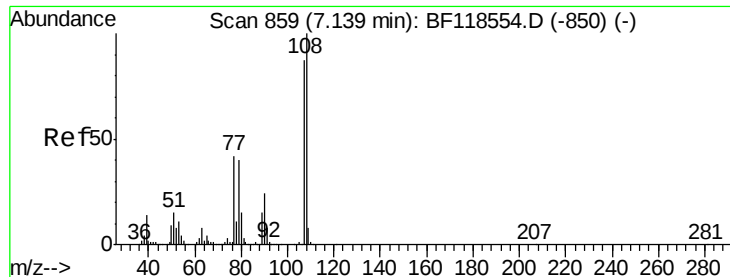
Ion Ratio Lower Upper

45 100

77 15.7 0.0 35.8

79 11.7 0.0 32.2

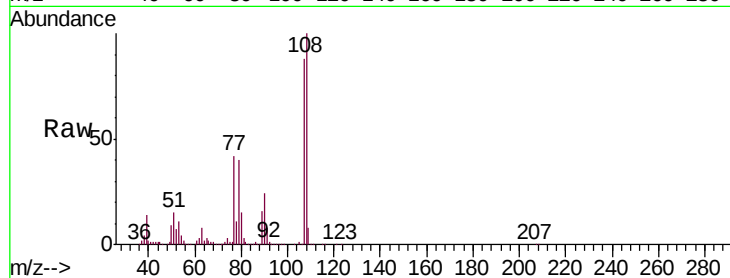




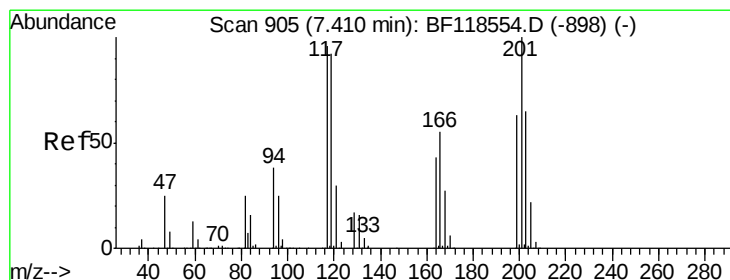
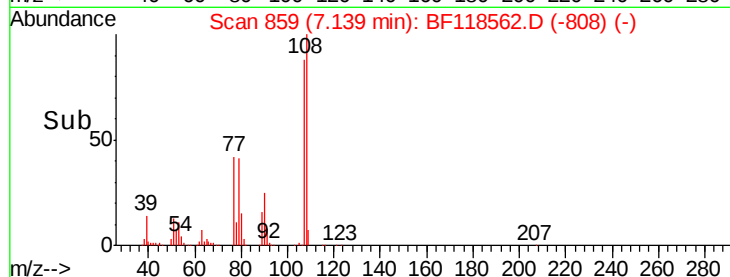
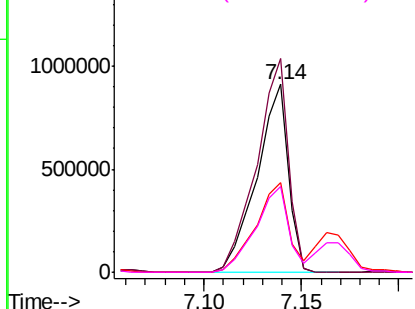
#17  
2-Methylphenol  
Concen: 45.200 ng  
RT: 7.14 min Scan# 859  
Delta R.T. -0.00 min  
Lab File: BF118562.D  
Acq: 17 Jan 2020 16:58

Instrument :  
BNA\_F  
ClientSampleId :  
PB126158BS

Tgt Ion:107 Resp: 1019855  
Ion Ratio Lower Upper  
107 100  
108 113.8 92.3 138.5  
77 47.8 38.6 57.8  
79 46.0 37.0 55.6

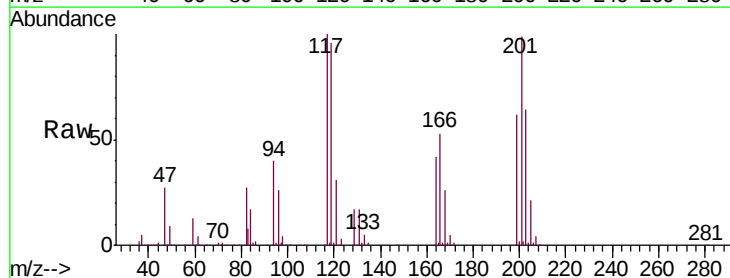


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

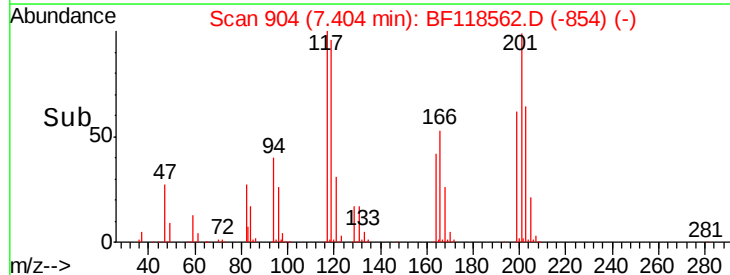
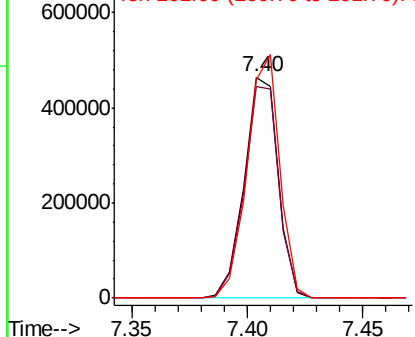


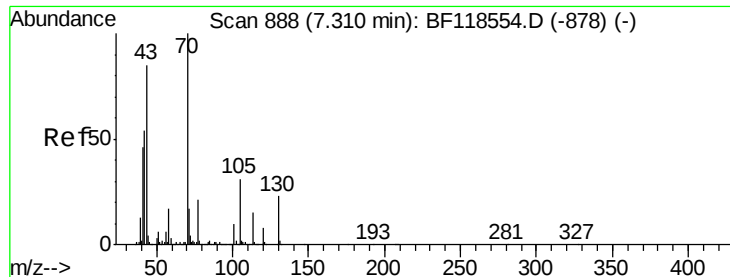
#18  
Hexachloroethane  
Concen: 41.489 ng  
RT: 7.40 min Scan# 904  
Delta R.T. -0.01 min  
Lab File: BF118562.D  
Acq: 17 Jan 2020 16:58

Tgt Ion:117 Resp: 480123  
Ion Ratio Lower Upper  
117 100  
119 95.6 76.9 115.3  
201 98.6 83.6 125.4



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

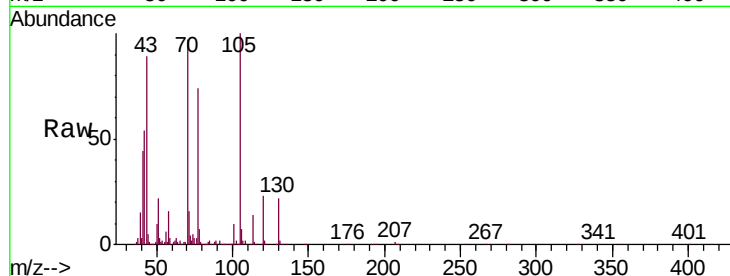




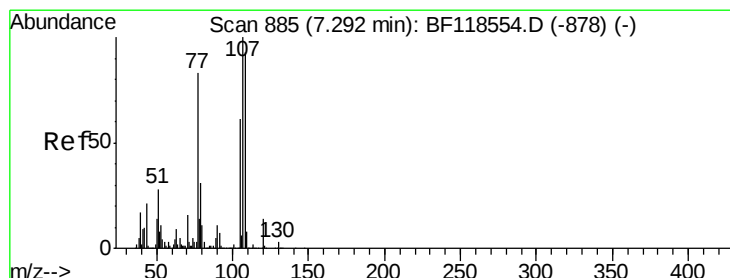
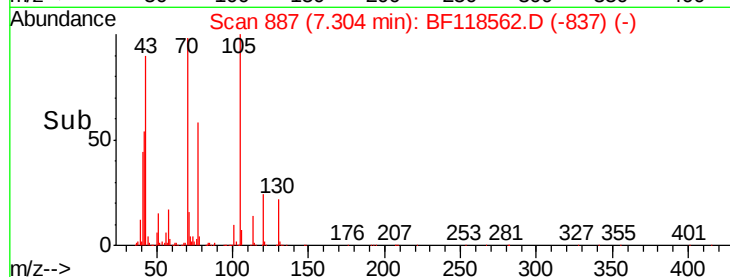
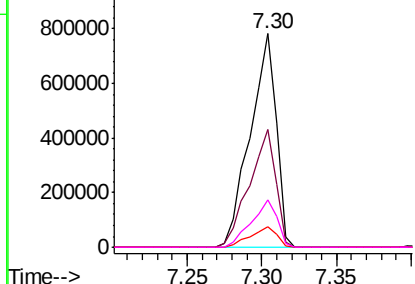
#19  
n-Nitroso-di-n-propylamine  
Concen: 42.965 ng  
RT: 7.30 min Scan# 887  
Delta R.T. -0.01 min  
Lab File: BF118562.D  
Acq: 17 Jan 2020 16:58

Instrument :  
BNA\_F  
ClientSampleId :  
PB126158BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 943592 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 55.2  | 43.6  | 65.4   |
| 101      | 9.8   | 7.7   | 11.5   |
| 130      | 22.2  | 18.3  | 27.5   |



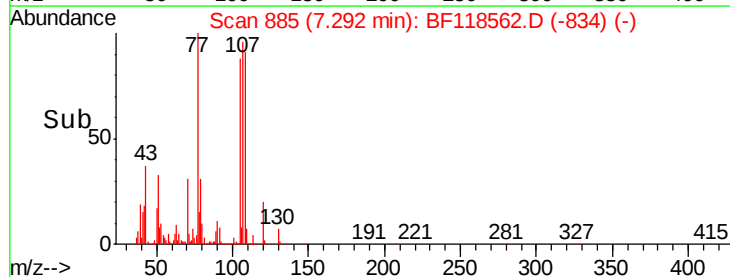
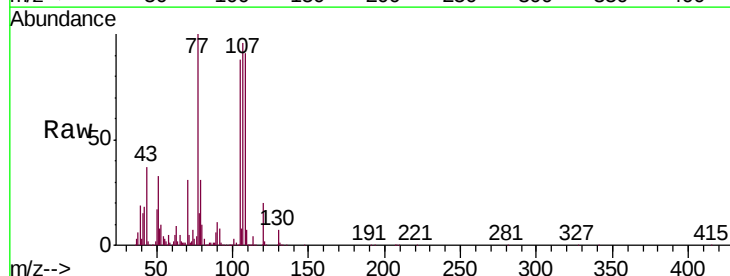
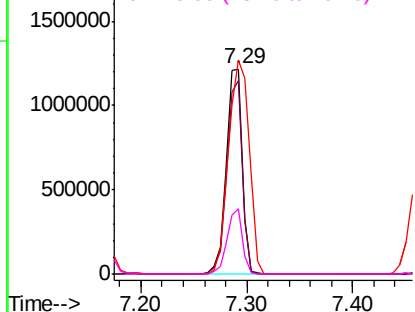
Abundance Ion 70.00 (69.70 to 70.70): BF1  
1200000  
Ion 42.00 (41.70 to 42.70): BF1  
1000000  
Ion 101.00 (100.70 to 101.70): E  
800000  
Ion 130.00 (129.70 to 130.70): E  
600000  
400000  
200000  
0

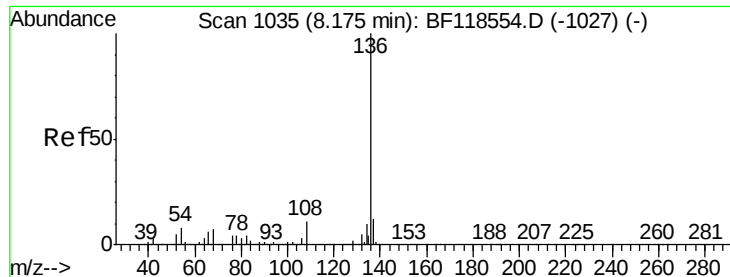


#20  
3+4-Methylphenols  
Concen: 46.828 ng  
RT: 7.29 min Scan# 885  
Delta R.T. -0.00 min  
Lab File: BF118562.D  
Acq: 17 Jan 2020 16:58

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 107   | Resp: | 1263492 |
| Ion      | Ratio | Lower | Upper   |
| 107      | 100   |       |         |
| 108      | 94.4  | 72.6  | 112.6   |
| 77       | 104.2 | 63.0  | 103.0#  |
| 79       | 32.2  | 11.3  | 51.3    |

Abundance Ion 107.00 (106.70 to 107.70): E  
2000000  
Ion 108.00 (107.70 to 108.70): E  
1500000  
Ion 77.00 (76.70 to 77.70): BF1  
1000000  
Ion 79.00 (78.70 to 79.70): BF1  
500000  
0



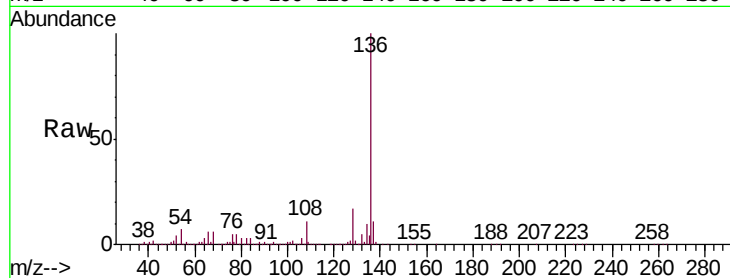


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.17 min Scan# 1035  
Delta R.T. -0.00 min  
Lab File: BF118562.D  
Acq: 17 Jan 2020 16:58

Instrument :  
BNA\_F  
ClientSampleId :  
PB126158BS

Tgt Ion:136 Resp: 1640978

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.3  | 9.4   | 14.0  |
| 54  | 7.4   | 6.2   | 9.2   |
| 68  | 6.2   | 5.4   | 8.0   |



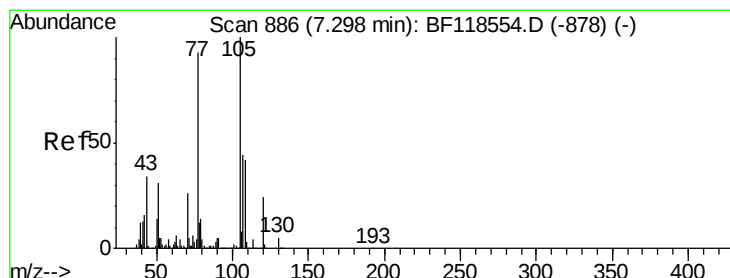
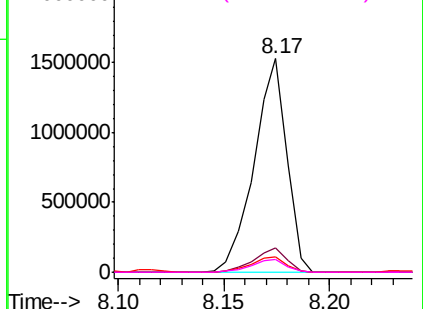
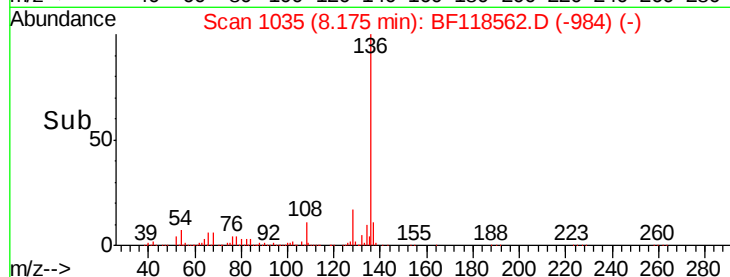
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

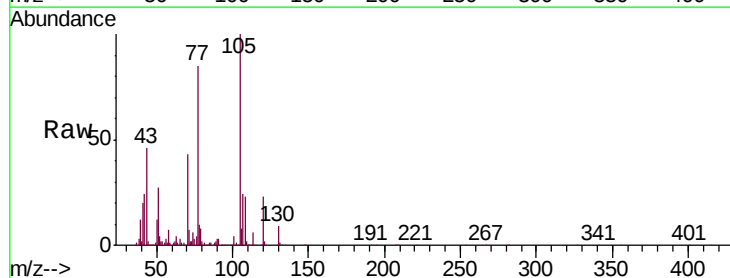
Ion 68.00 (67.70 to 68.70): BF1



#22  
Acetophenone  
Concen: 41.713 ng  
RT: 7.30 min Scan# 886  
Delta R.T. -0.00 min  
Lab File: BF118562.D  
Acq: 17 Jan 2020 16:58

Tgt Ion:105 Resp: 1661071

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 7.2   | 3.8   | 5.6#  |
| 51  | 27.4  | 24.9  | 37.3  |
| 120 | 23.4  | 19.2  | 28.8  |



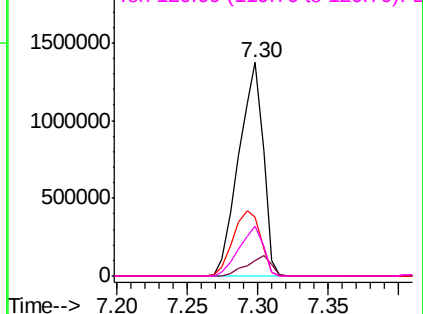
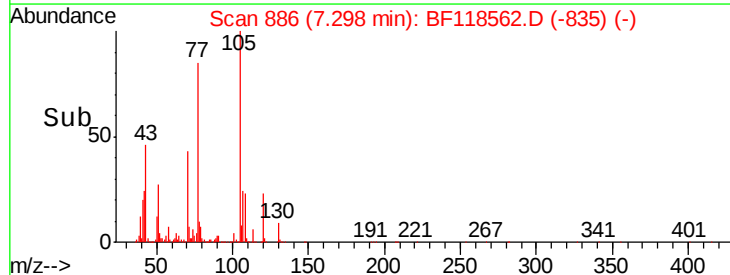
Abundance

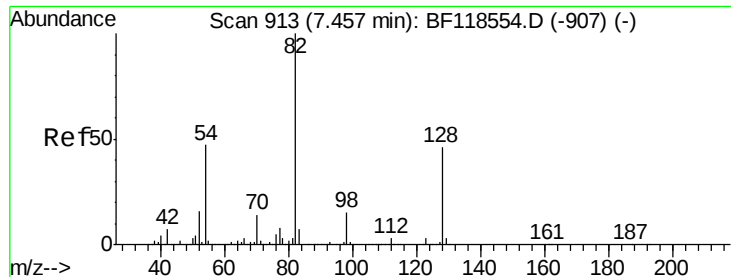
Ion 105.00 (104.70 to 105.70): E

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

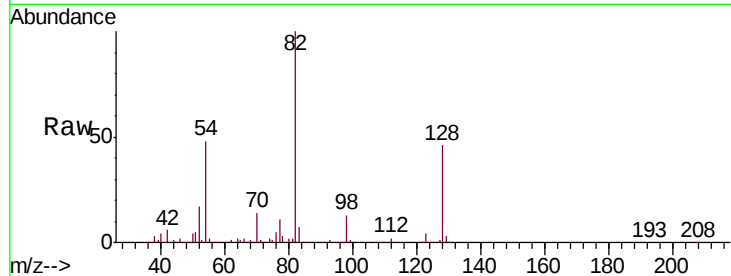




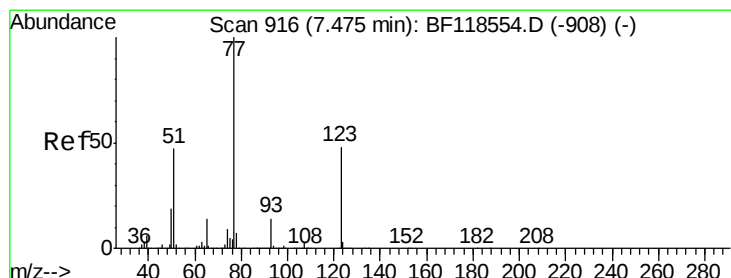
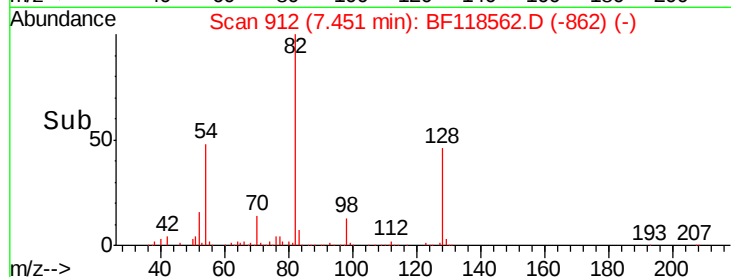
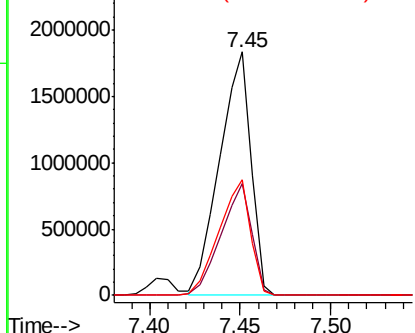
#23  
 Nitrobenzene-d5  
 Concen: 83.425 ng  
 RT: 7.45 min Scan# 912  
 Delta R.T. -0.01 min  
 Lab File: BF118562.D  
 Acq: 17 Jan 2020 16:58

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB126158BS

Tgt Ion: 82 Resp: 2216565  
 Ion Ratio Lower Upper  
 82 100  
 128 46.0 37.0 55.4  
 54 47.5 37.4 56.0

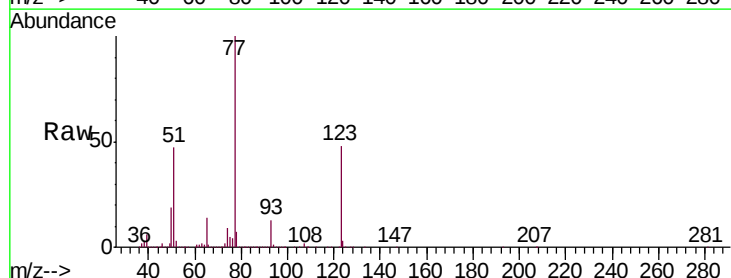


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 2500000 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

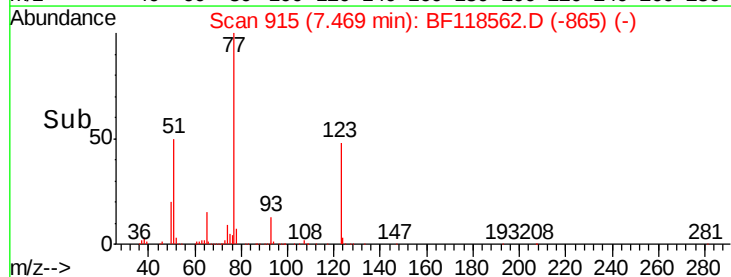
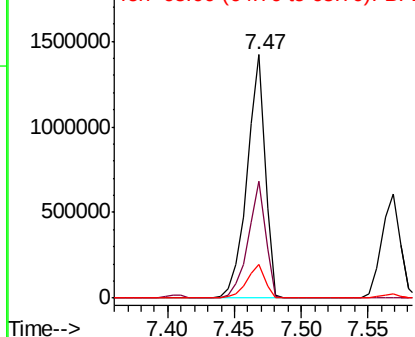


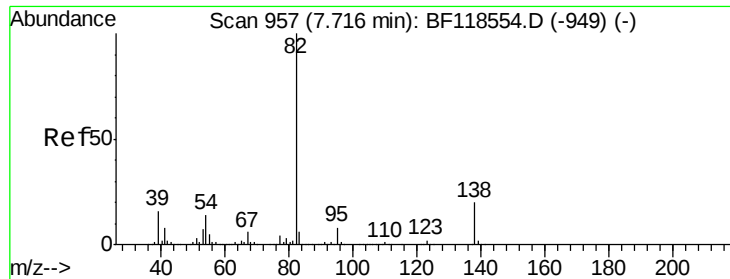
#24  
 Nitrobenzene  
 Concen: 46.447 ng  
 RT: 7.47 min Scan# 915  
 Delta R.T. -0.01 min  
 Lab File: BF118562.D  
 Acq: 17 Jan 2020 16:58

Tgt Ion: 77 Resp: 1312367  
 Ion Ratio Lower Upper  
 77 100  
 123 47.8 38.2 57.2  
 65 14.0 11.1 16.7



Abundance Ion 77.00 (76.70 to 77.70): BF1  
 Ion 123.00 (122.70 to 123.70): BF1  
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 42.885 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

Instrument :

BNA\_F

ClientSampleId :

PB126158BS

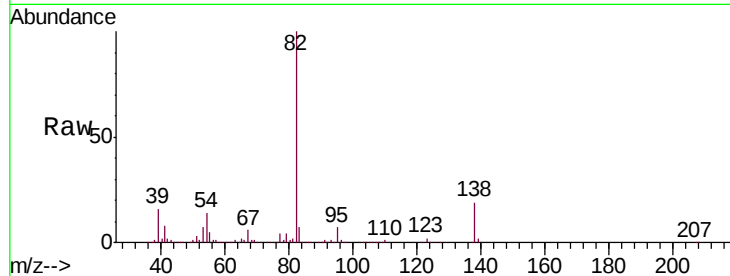
Tgt Ion: 82 Resp: 2472937

Ion Ratio Lower Upper

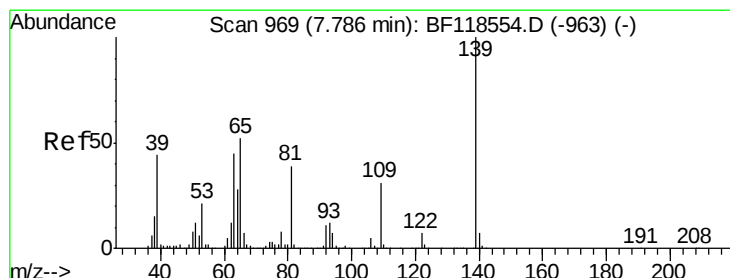
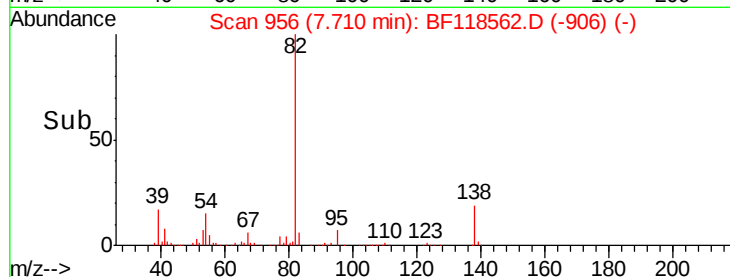
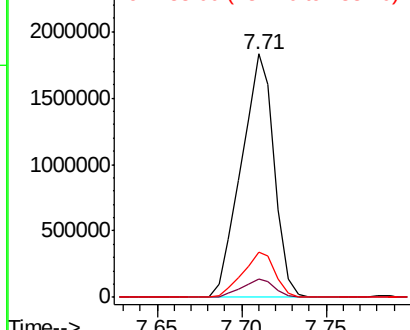
82 100

95 7.3 6.0 9.0

138 18.7 15.8 23.8



Abundance Ion 82.00 (81.70 to 82.70): BF1  
2500000  
Ion 95.00 (94.70 to 95.70): BF1  
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 48.099 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

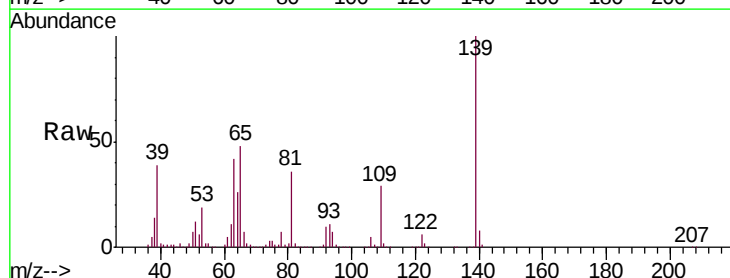
Tgt Ion: 139 Resp: 587589

Ion Ratio Lower Upper

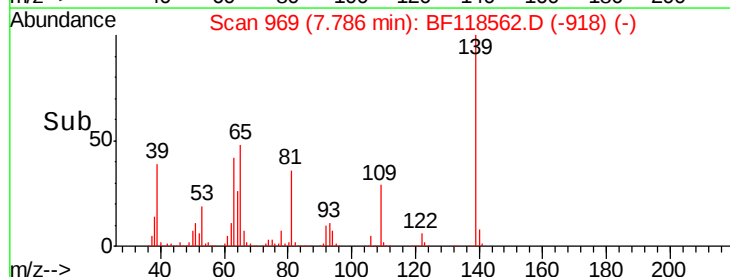
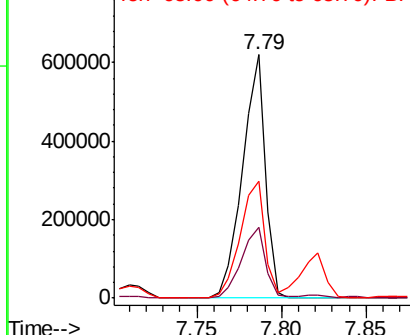
139 100

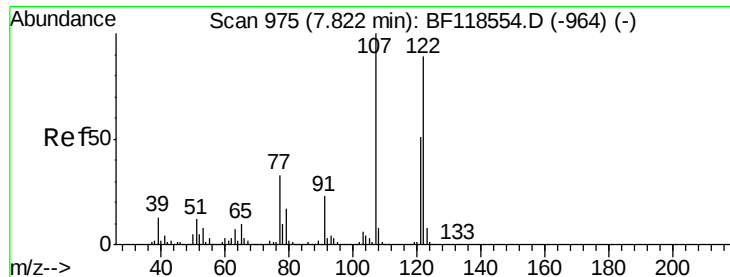
109 29.2 24.6 36.8

65 48.3 42.1 63.1



Abundance Ion 139.00 (138.70 to 139.70): BF1  
800000  
Ion 109.00 (108.70 to 109.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 51.407 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.00 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

Instrument :

BNA\_F

ClientSampleId :

PB126158BS

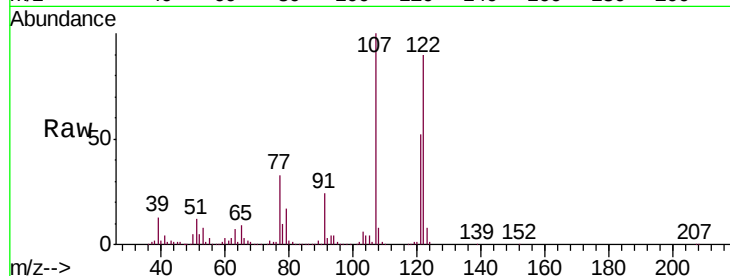
Tgt Ion:122 Resp: 1178946

Ion Ratio Lower Upper

122 100

107 110.6 89.6 134.4

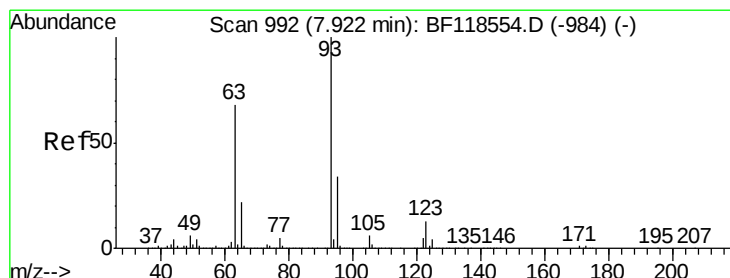
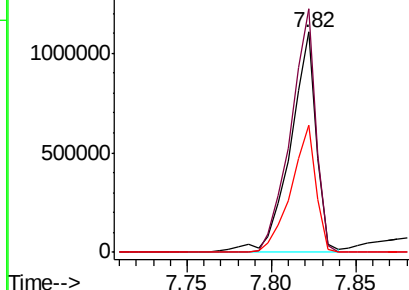
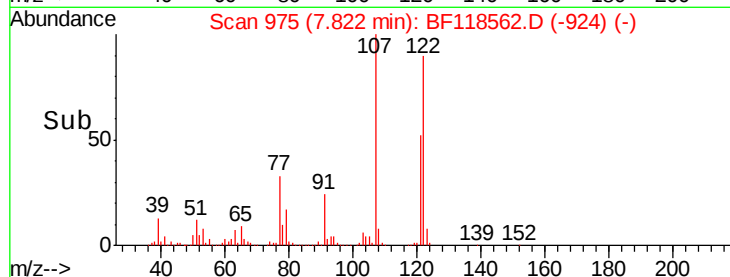
121 58.0 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.973 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.00 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

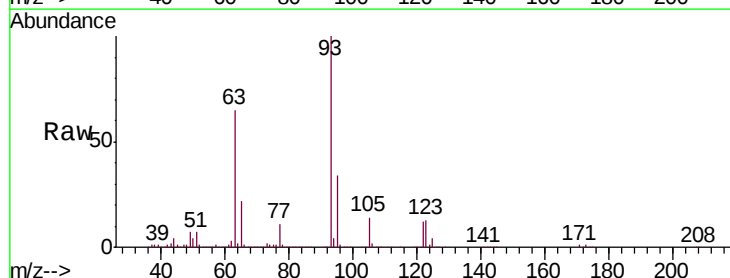
Tgt Ion: 93 Resp: 1518039

Ion Ratio Lower Upper

93 100

95 34.0 27.3 40.9

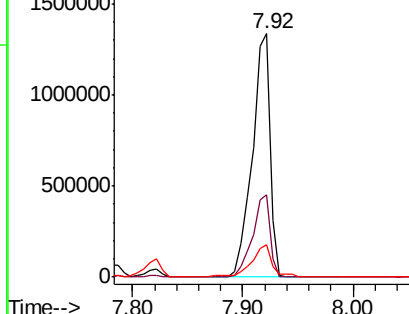
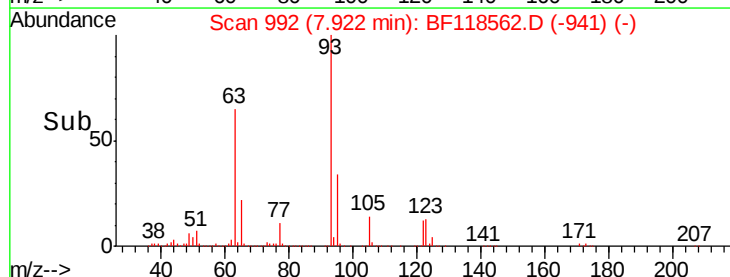
123 13.2 10.2 15.4

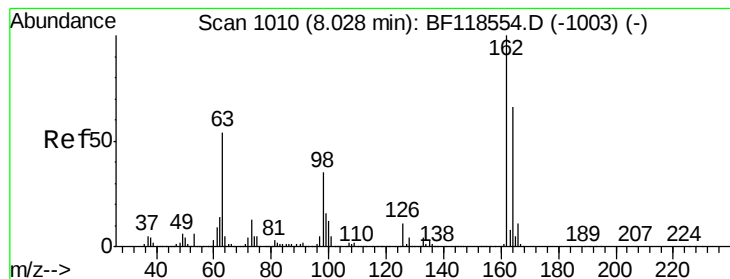


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.883 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

Instrument :

BNA\_F

ClientSampleId :

PB126158BS

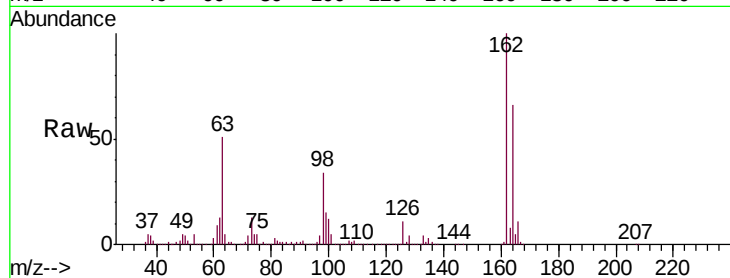
Tgt Ion:162 Resp: 1107761

Ion Ratio Lower Upper

162 100

164 66.3 45.6 85.6

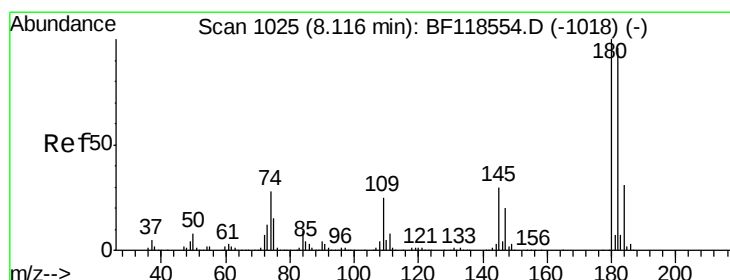
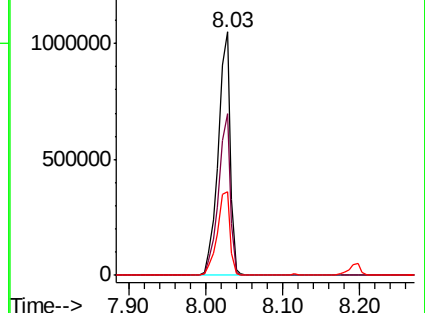
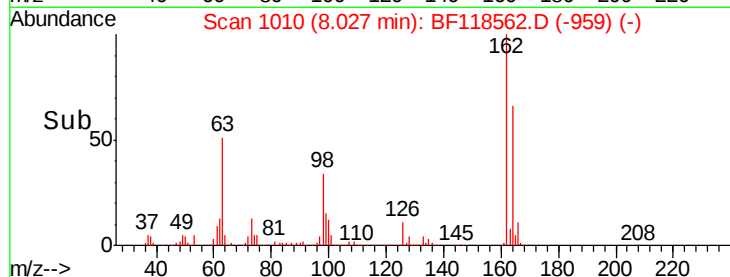
98 34.5 15.4 55.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 40.730 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

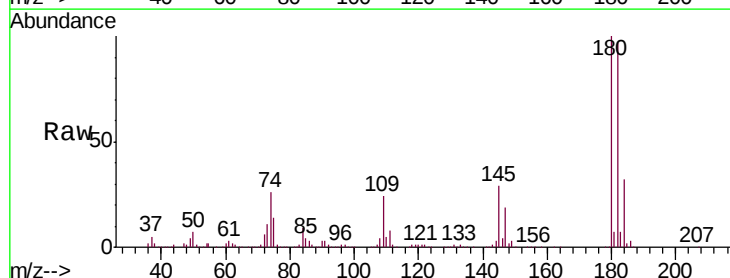
Tgt Ion:180 Resp: 1198210

Ion Ratio Lower Upper

180 100

182 96.8 76.8 115.2

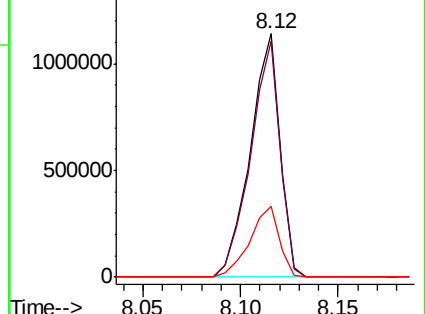
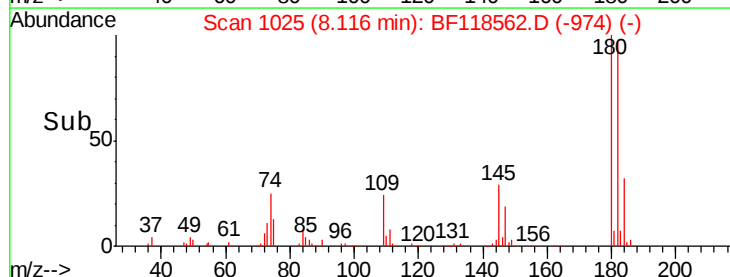
145 29.1 24.2 36.2

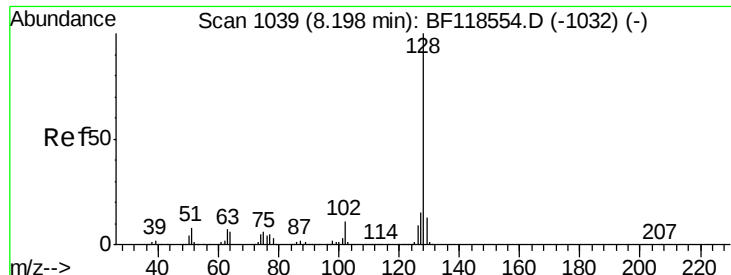


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

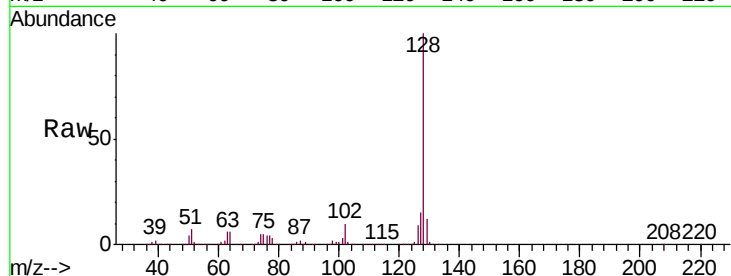




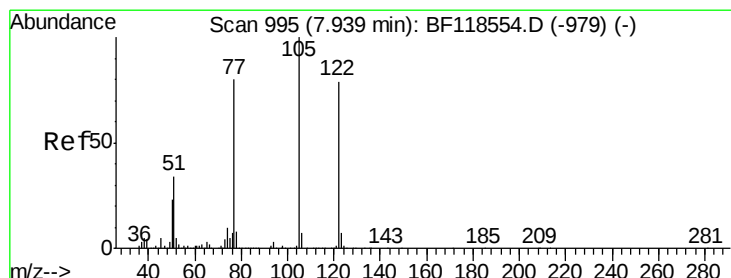
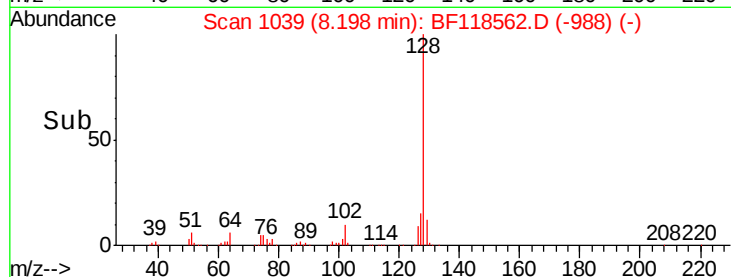
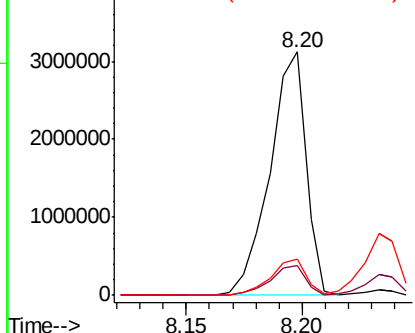
#31  
Naphthalene  
Concen: 43.891 ng  
RT: 8.20 min Scan# 1039  
Delta R.T. -0.00 min  
Lab File: BF118562.D  
Acq: 17 Jan 2020 16:58

Instrument :  
BNA\_F  
ClientSampleId :  
PB126158BS

Tgt Ion:128 Resp: 3396667  
Ion Ratio Lower Upper  
128 100  
129 12.2 10.3 15.5  
127 14.7 12.1 18.1

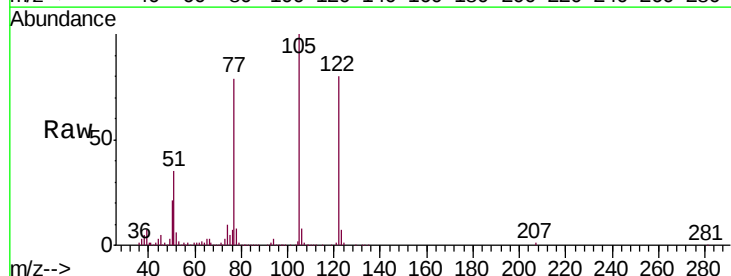


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

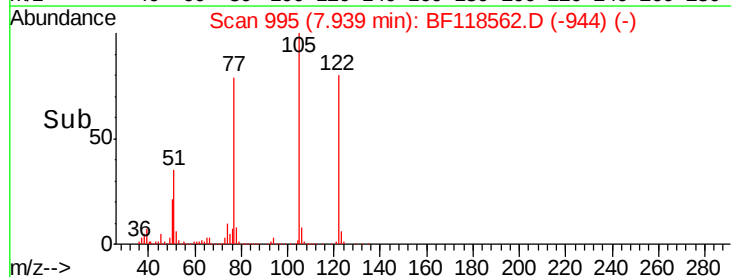
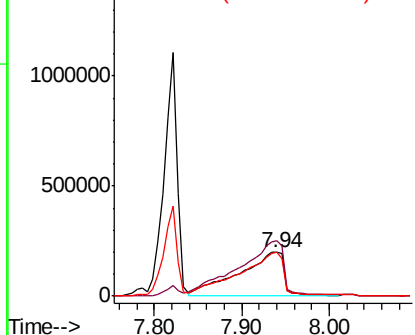


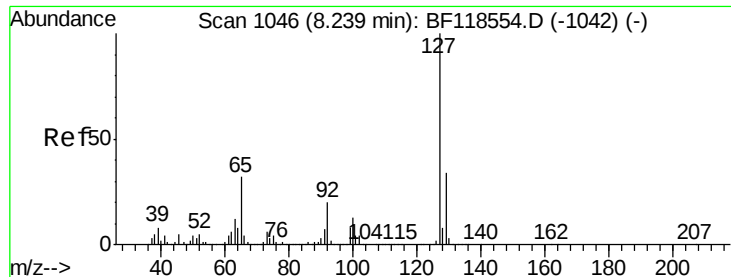
#32  
Benzoic acid  
Concen: 45.070 ng  
RT: 7.94 min Scan# 995  
Delta R.T. 0.00 min  
Lab File: BF118562.D  
Acq: 17 Jan 2020 16:58

Tgt Ion:122 Resp: 699076  
Ion Ratio Lower Upper  
122 100  
105 125.6 105.0 145.0  
77 99.6 80.7 120.7



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

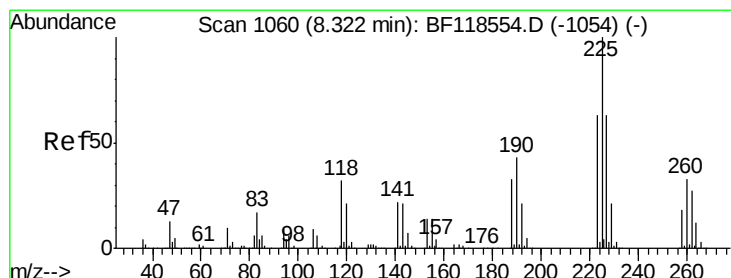
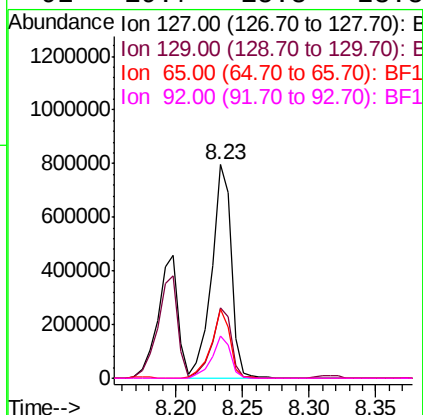
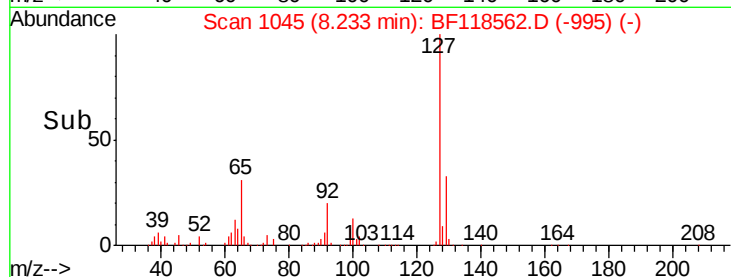
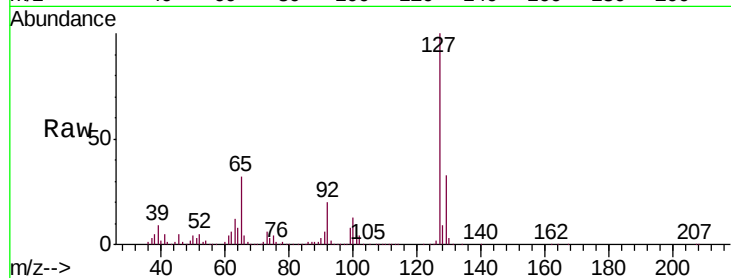




#33  
4-Chloroaniline  
Concen: 22.928 ng  
RT: 8.23 min Scan# 1045  
Delta R.T. -0.01 min  
Lab File: BF118562.D  
Acq: 17 Jan 2020 16:58

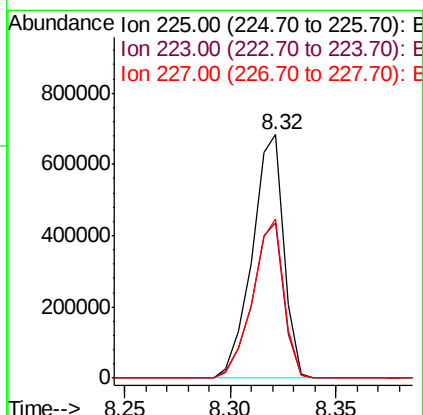
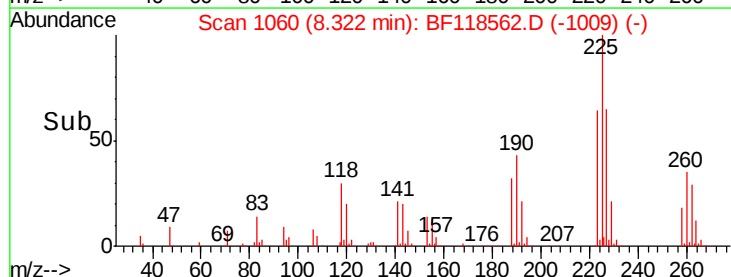
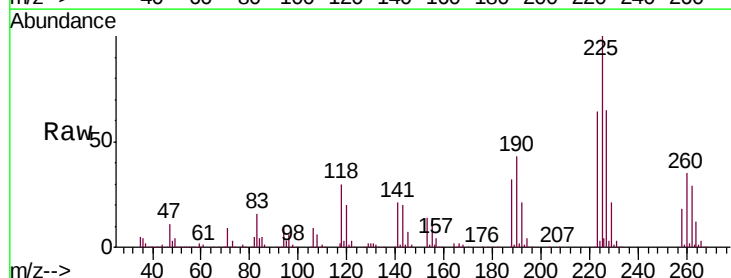
Instrument :  
BNA\_F  
ClientSampleId :  
PB126158BS

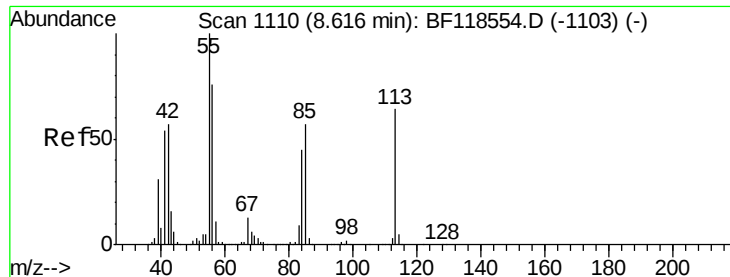
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 824448 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.0  | 27.0  | 40.4   |
| 65       | 32.4  | 25.8  | 38.8   |
| 92       | 19.7  | 15.8  | 23.8   |



#34  
Hexachlorobutadiene  
Concen: 38.743 ng  
RT: 8.32 min Scan# 1060  
Delta R.T. -0.00 min  
Lab File: BF118562.D  
Acq: 17 Jan 2020 16:58

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 710921 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.8  | 50.6  | 76.0   |
| 227      | 65.1  | 50.4  | 75.6   |

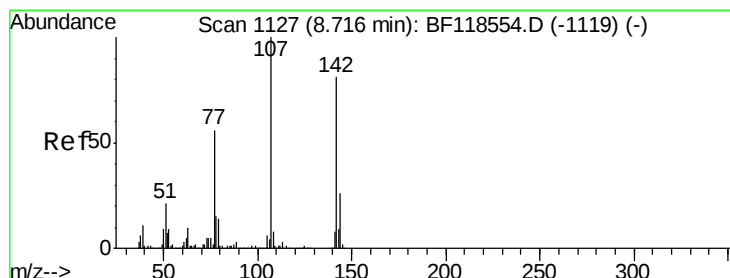
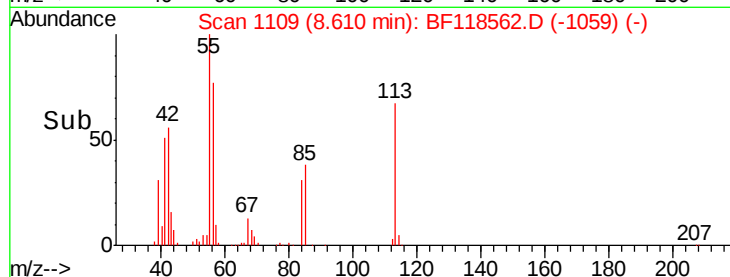
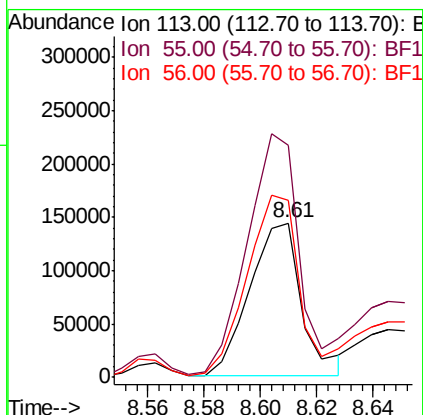
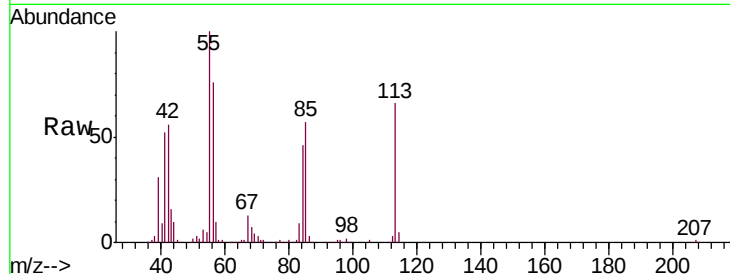




#35  
 Caprolactam  
 Concen: 23.470 ng  
 RT: 8.61 min Scan# 1109  
 Delta R.T. -0.01 min  
 Lab File: BF118562.D  
 Acq: 17 Jan 2020 16:58

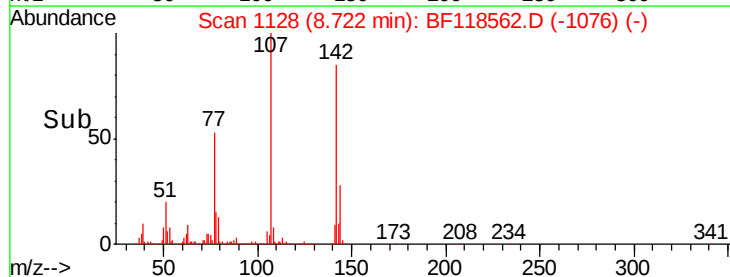
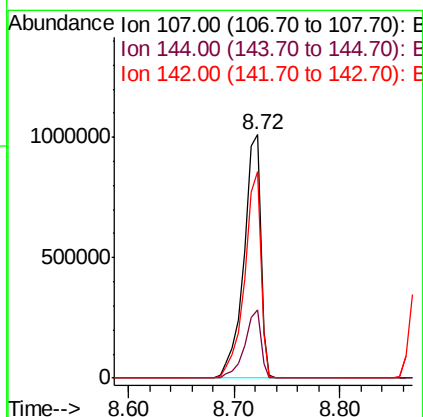
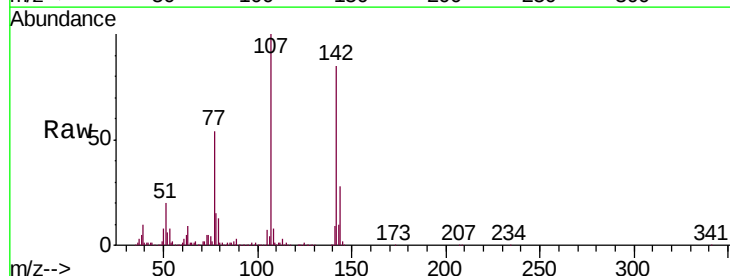
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB126158BS

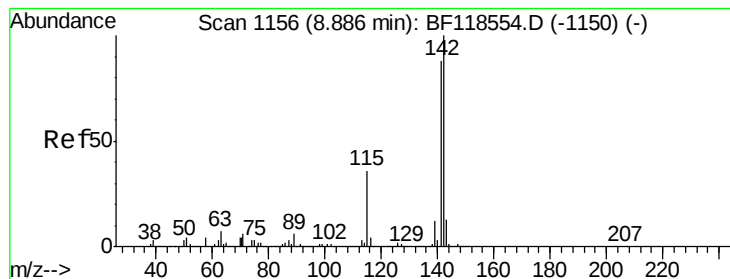
Tgt Ion:113 Resp: 184310  
 Ion Ratio Lower Upper  
 113 100  
 55 150.8 137.3 177.3  
 56 114.8 99.7 139.7



#36  
 4-Chloro-3-methylphenol  
 Concen: 44.697 ng  
 RT: 8.72 min Scan# 1128  
 Delta R.T. 0.01 min  
 Lab File: BF118562.D  
 Acq: 17 Jan 2020 16:58

Tgt Ion:107 Resp: 1118507  
 Ion Ratio Lower Upper  
 107 100  
 144 28.3 21.2 31.8  
 142 84.8 64.4 96.6

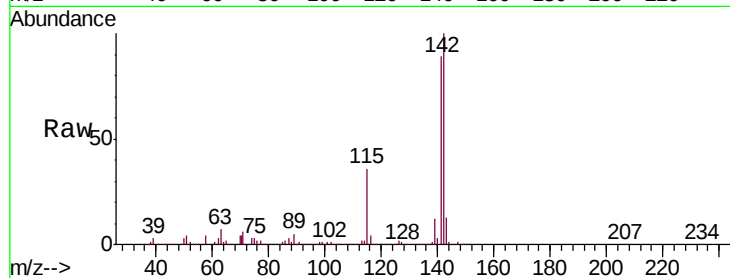




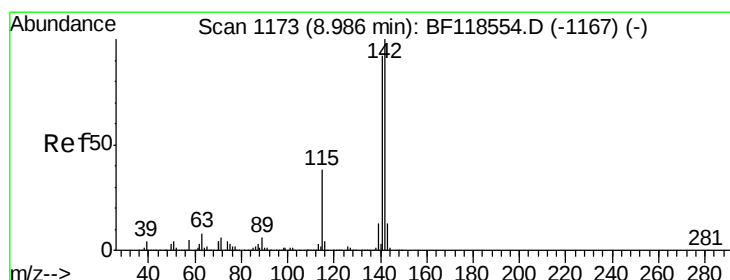
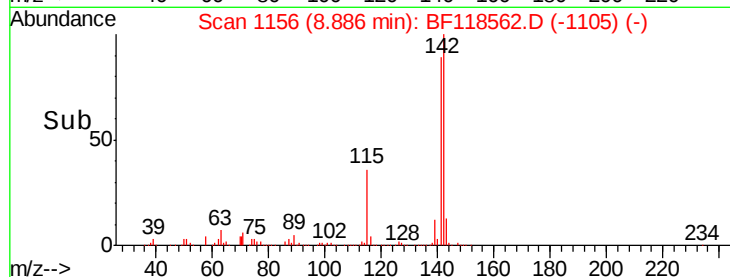
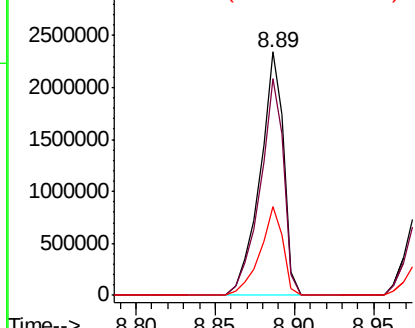
#37  
 2-Methylnaphthalene  
 Concen: 44.676 ng  
 RT: 8.89 min Scan# 1156  
 Delta R.T. -0.00 min  
 Lab File: BF118562.D  
 Acq: 17 Jan 2020 16:58

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB126158BS

Tgt Ion:142 Resp: 2449414  
 Ion Ratio Lower Upper  
 142 100  
 141 88.9 70.6 106.0  
 115 36.3 29.0 43.4

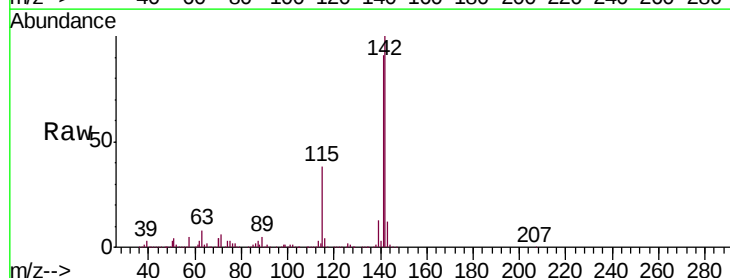


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

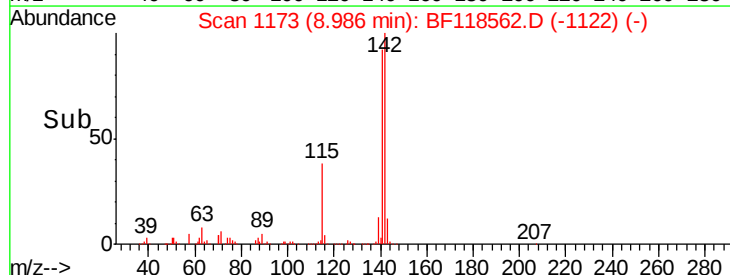
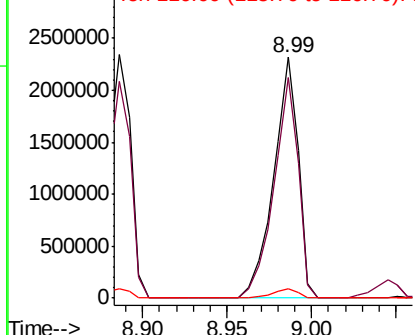


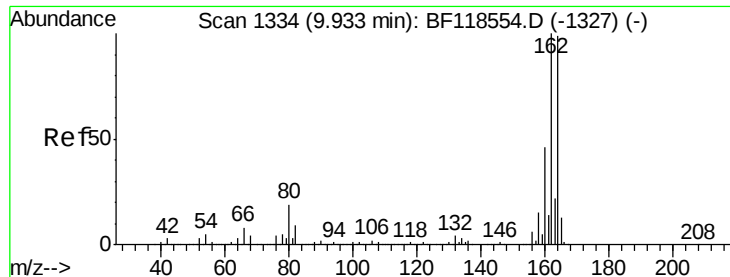
#38  
 1-Methylnaphthalene  
 Concen: 44.876 ng  
 RT: 8.99 min Scan# 1173  
 Delta R.T. -0.00 min  
 Lab File: BF118562.D  
 Acq: 17 Jan 2020 16:58

Tgt Ion:142 Resp: 2327627  
 Ion Ratio Lower Upper  
 142 100  
 141 91.5 73.8 110.6  
 116 4.0 3.3 4.9



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

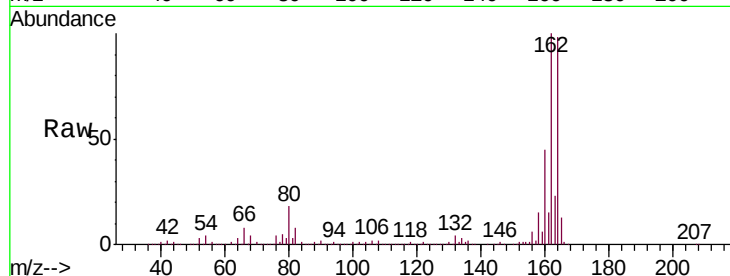




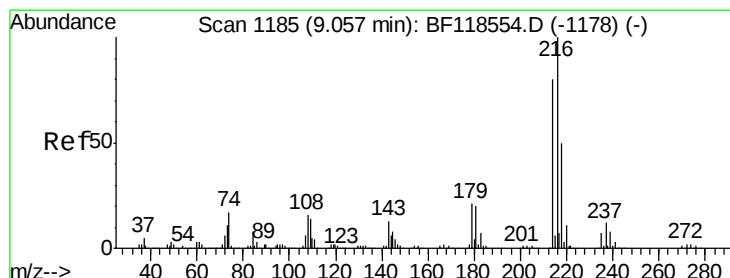
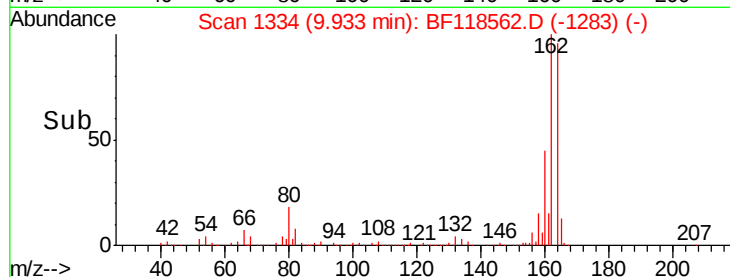
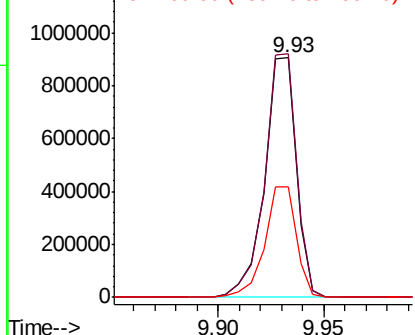
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.93 min Scan# 1334  
Delta R.T. -0.00 min  
Lab File: BF118562.D  
Acq: 17 Jan 2020 16:58

Instrument :  
BNA\_F  
ClientSampleId :  
PB126158BS

Tgt Ion:164 Resp: 950582  
Ion Ratio Lower Upper  
164 100  
162 101.6 80.6 120.8  
160 46.2 36.7 55.1

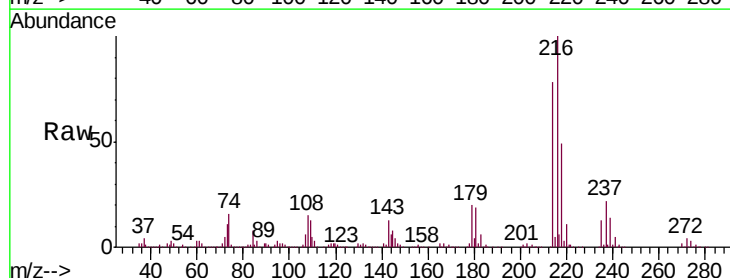


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

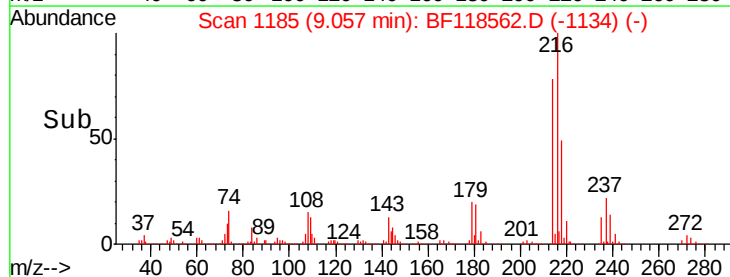
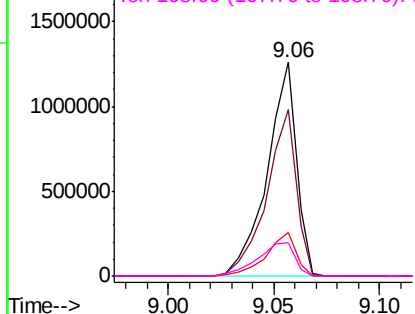


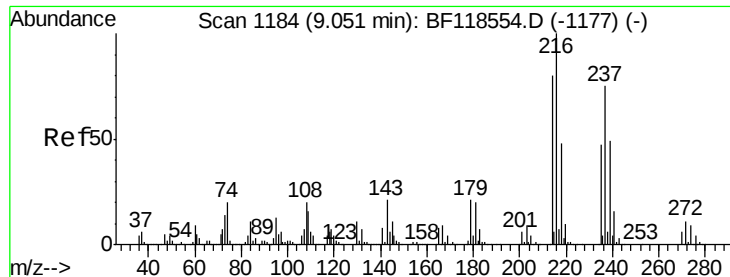
#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.730 ng  
RT: 9.06 min Scan# 1185  
Delta R.T. -0.00 min  
Lab File: BF118562.D  
Acq: 17 Jan 2020 16:58

Tgt Ion:216 Resp: 1218127  
Ion Ratio Lower Upper  
216 100  
214 78.8 63.6 95.4  
179 20.3 16.5 24.7  
108 19.8 14.6 21.8



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: 97.568 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

Instrument :

BNA\_F

ClientSampleId :

PB126158BS

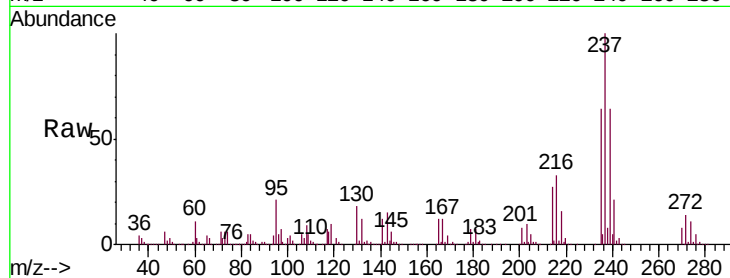
Tgt Ion:237 Resp: 1562993

Ion Ratio Lower Upper

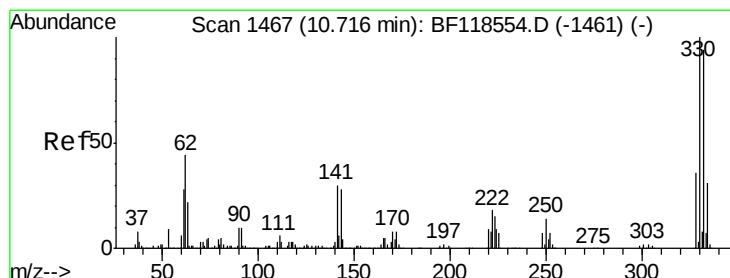
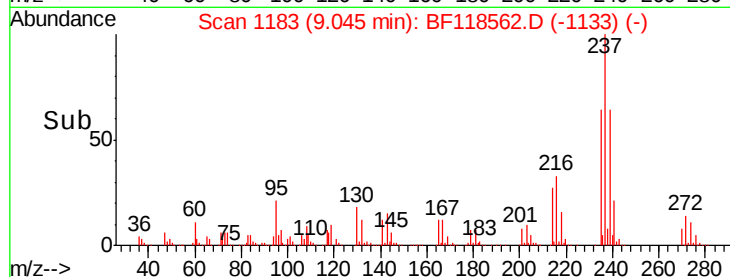
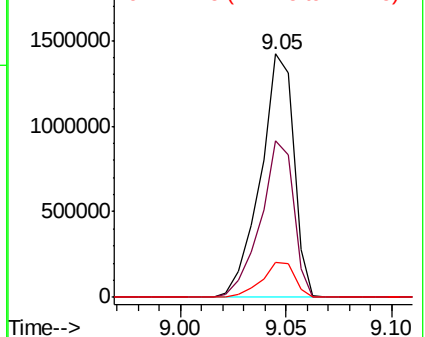
237 100

235 64.1 42.1 82.1

272 14.4 0.0 34.3



Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 127.719 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.01 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

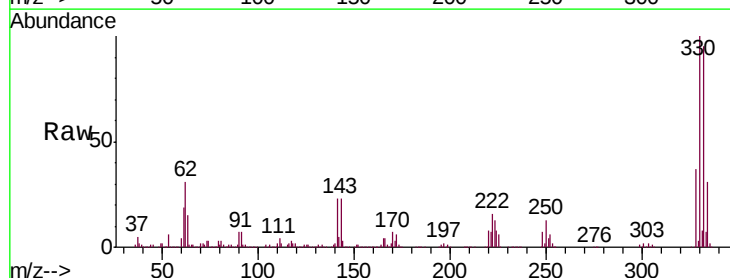
Tgt Ion:330 Resp: 1342134

Ion Ratio Lower Upper

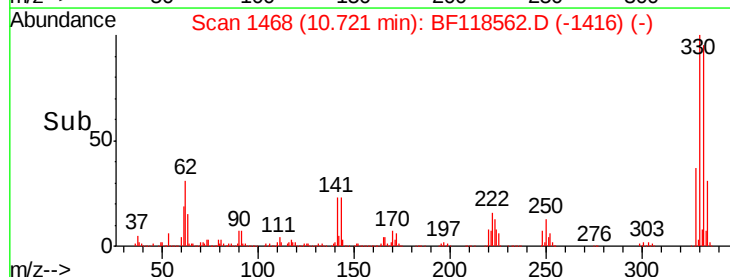
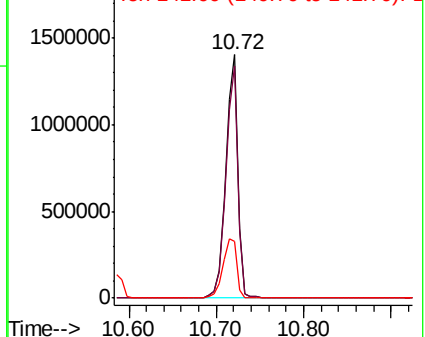
330 100

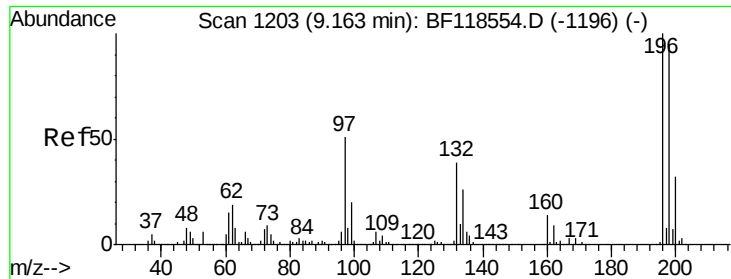
332 95.4 76.4 114.6

141 28.5 23.4 35.2



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

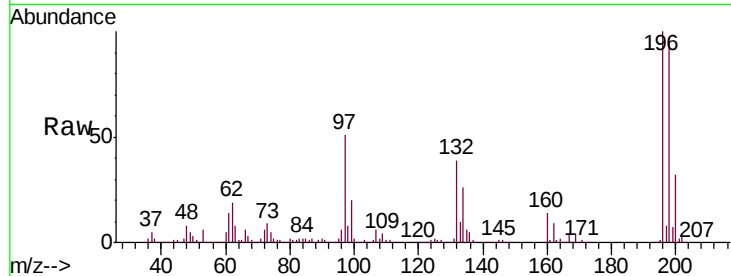




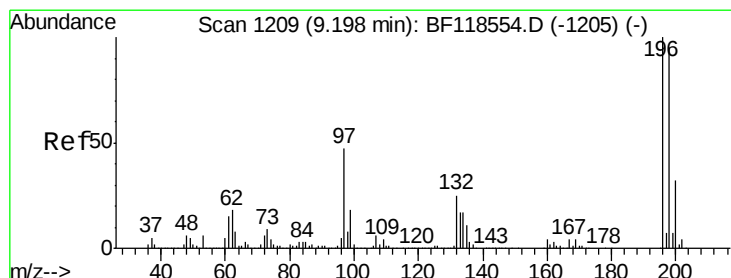
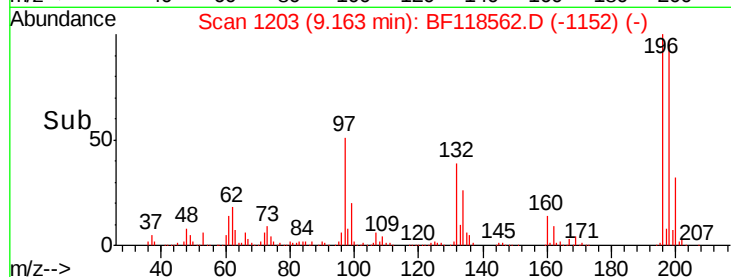
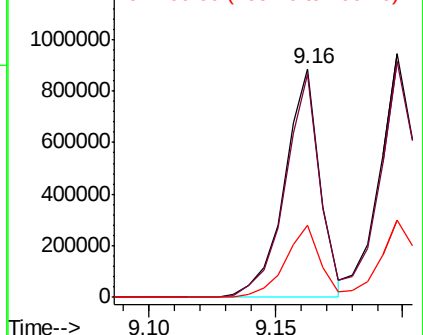
#43  
 2,4,6-Trichlorophenol  
 Concen: 43.901 ng  
 RT: 9.16 min Scan# 1203  
 Delta R.T. -0.00 min  
 Lab File: BF118562.D  
 Acq: 17 Jan 2020 16:58

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB126158BS

Tgt Ion:196 Resp: 857600  
 Ion Ratio Lower Upper  
 196 100  
 198 97.3 76.0 114.0  
 200 31.6 25.4 38.0



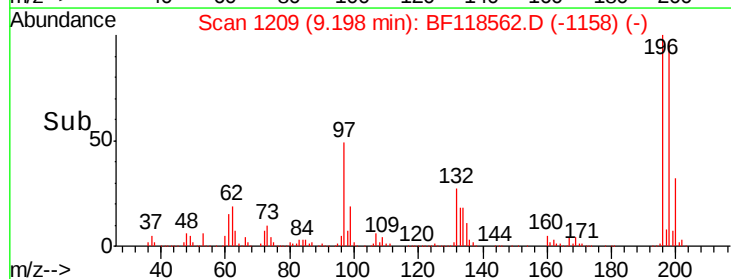
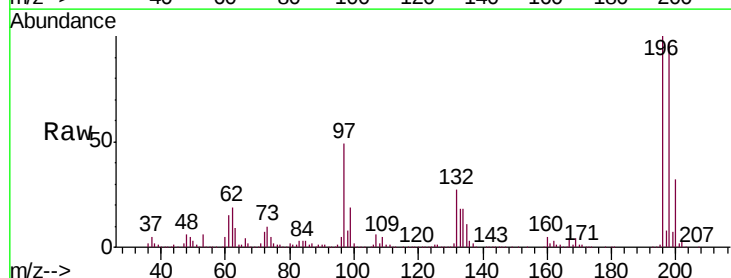
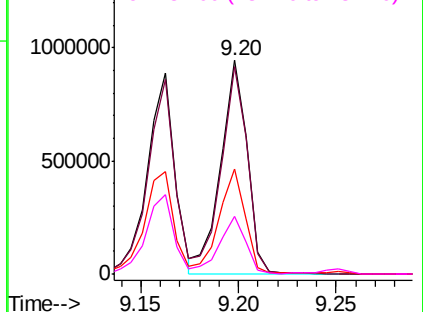
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

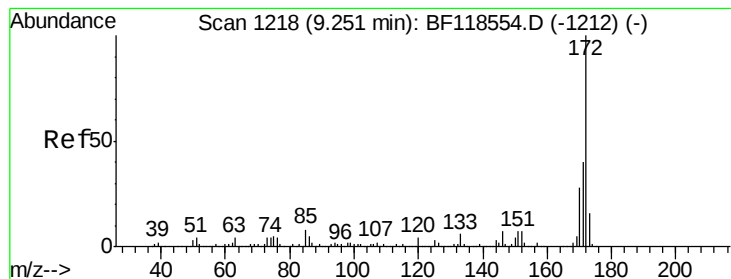


#44  
 2,4,5-Trichlorophenol  
 Concen: 44.843 ng  
 RT: 9.20 min Scan# 1209  
 Delta R.T. -0.00 min  
 Lab File: BF118562.D  
 Acq: 17 Jan 2020 16:58

Tgt Ion:196 Resp: 885662  
 Ion Ratio Lower Upper  
 196 100  
 198 96.8 76.2 114.4  
 97 49.1 37.4 56.2  
 132 26.8 20.3 30.5

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

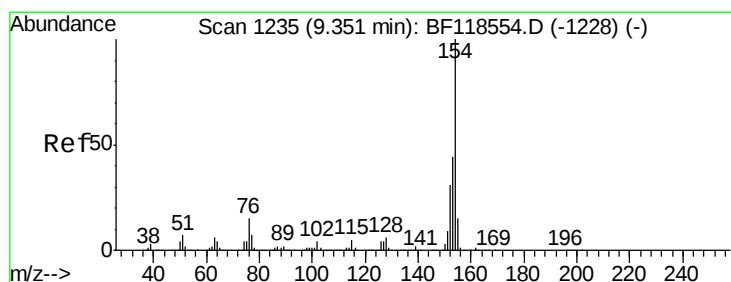
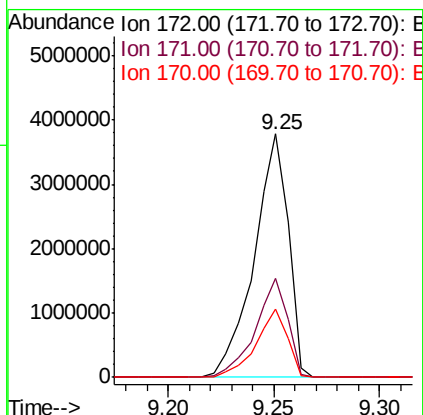
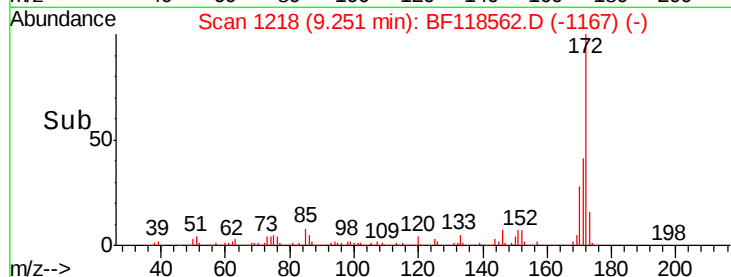
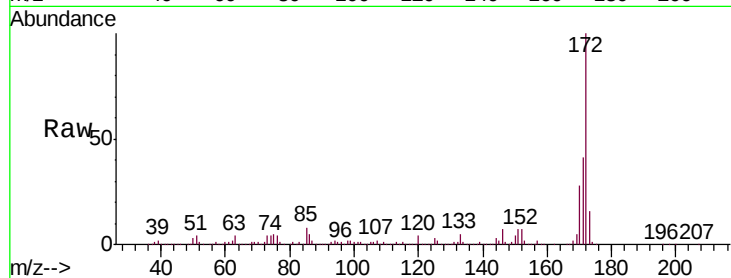




#45  
2-Fluorobiphenyl  
Concen: 80.580 ng  
RT: 9.25 min Scan# 1218  
Delta R.T. -0.00 min  
Lab File: BF118562.D  
Acq: 17 Jan 2020 16:58

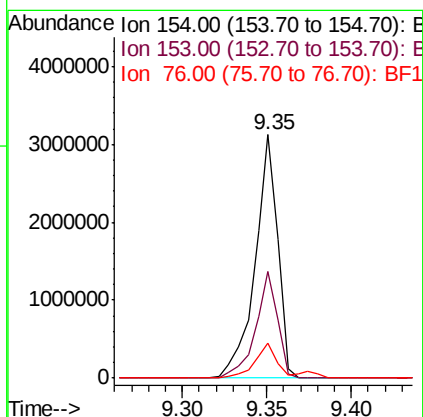
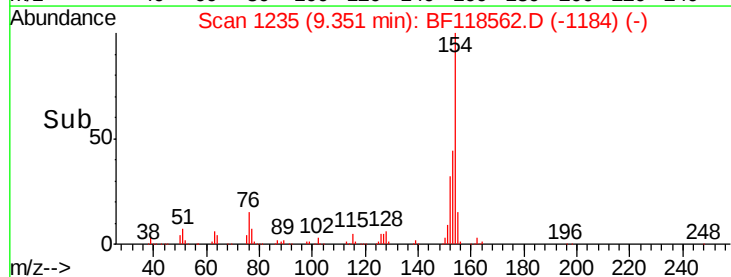
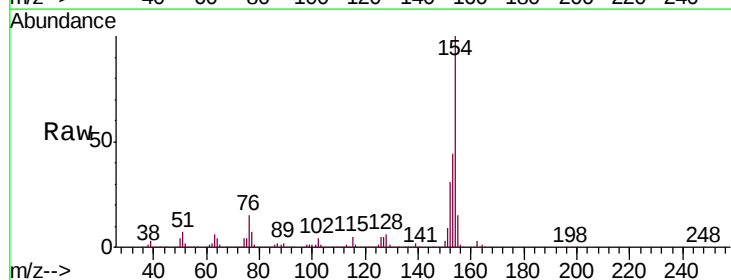
Instrument :  
BNA\_F  
ClientSampleId :  
PB126158BS

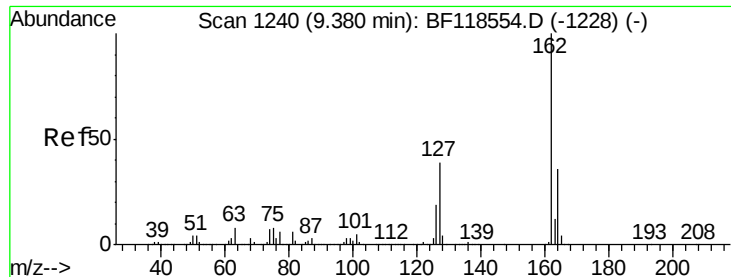
Tgt Ion:172 Resp: 4242928  
Ion Ratio Lower Upper  
172 100  
171 40.5 32.4 48.6  
170 27.9 22.5 33.7



#46  
1,1'-Biphenyl  
Concen: 42.849 ng  
RT: 9.35 min Scan# 1235  
Delta R.T. -0.00 min  
Lab File: BF118562.D  
Acq: 17 Jan 2020 16:58

Tgt Ion:154 Resp: 2910426  
Ion Ratio Lower Upper  
154 100  
153 43.9 23.7 63.7  
76 14.6 0.0 35.2

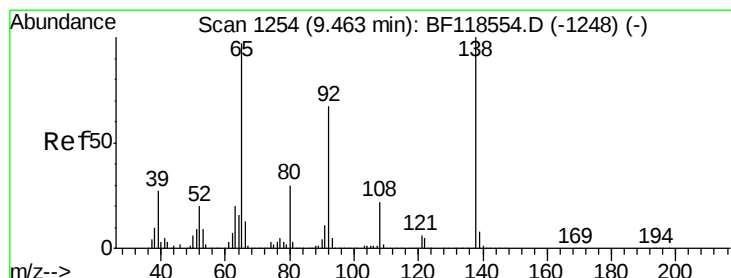
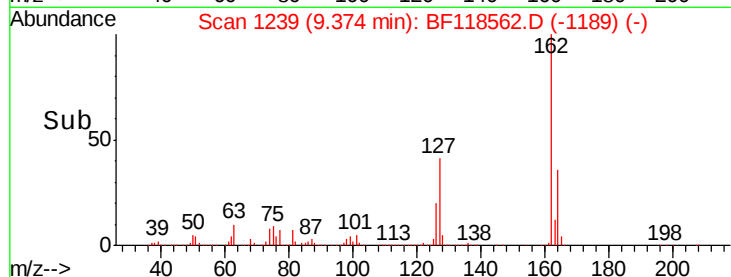
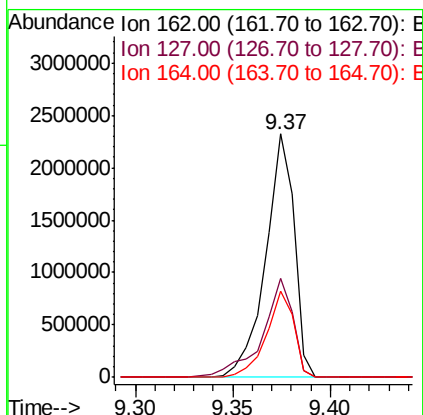
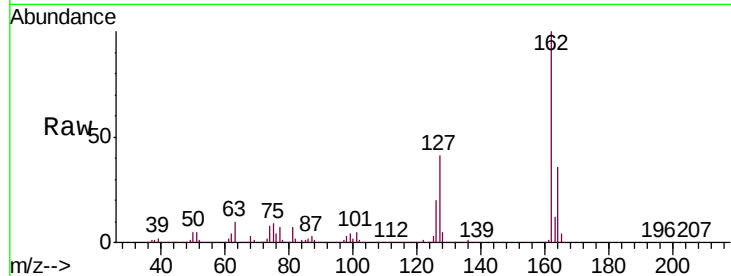




#47  
 2-Chloronaphthalene  
 Concen: 41.170 ng  
 RT: 9.37 min Scan# 1239  
 Delta R.T. -0.01 min  
 Lab File: BF118562.D  
 Acq: 17 Jan 2020 16:58

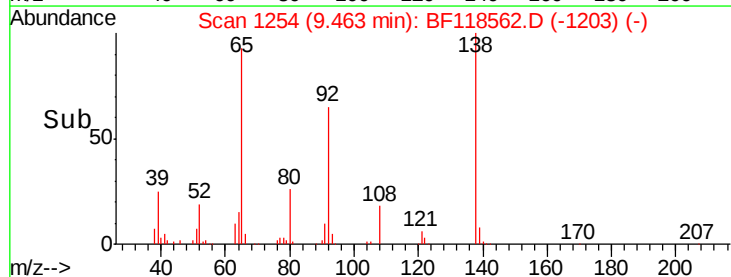
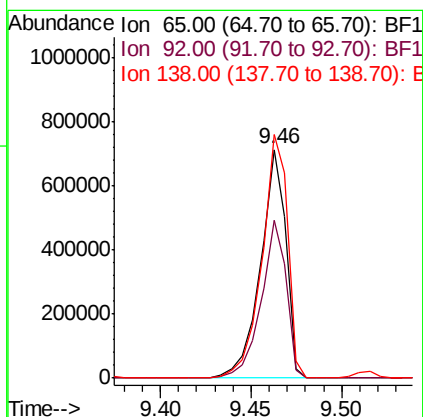
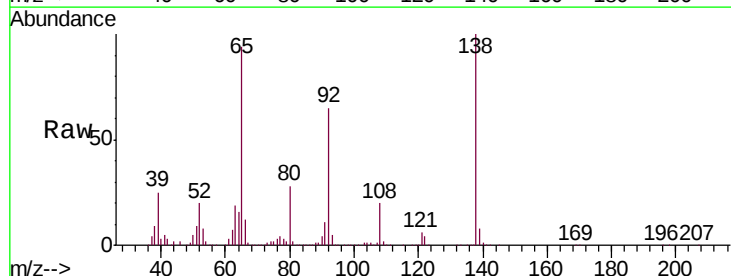
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB126158BS

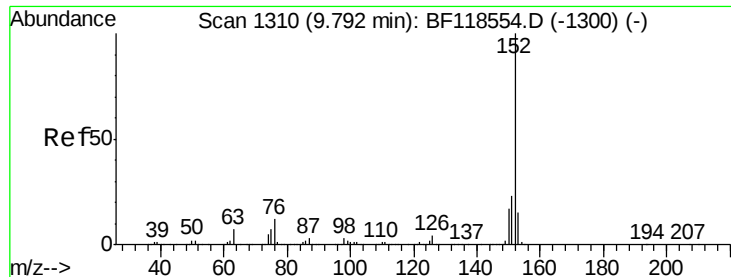
Tgt Ion: 162 Resp: 2356964  
 Ion Ratio Lower Upper  
 162 100  
 127 40.9 31.0 46.4  
 164 35.5 28.6 42.8



#48  
 2-Nitroaniline  
 Concen: 46.789 ng  
 RT: 9.46 min Scan# 1254  
 Delta R.T. -0.00 min  
 Lab File: BF118562.D  
 Acq: 17 Jan 2020 16:58

Tgt Ion: 65 Resp: 696683  
 Ion Ratio Lower Upper  
 65 100  
 92 69.3 55.3 82.9  
 138 106.5 82.9 124.3





#49

Acenaphthylene

Concen: 43.989 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

Instrument :

BNA\_F

ClientSampleId :

PB126158BS

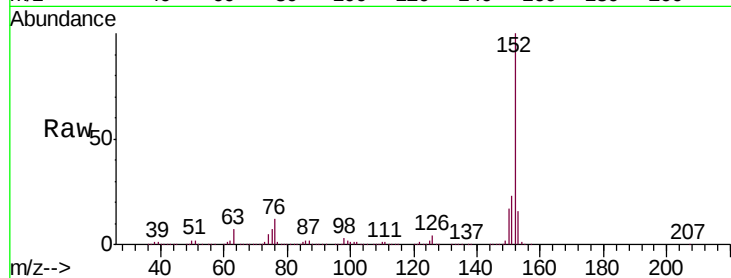
Tgt Ion:152 Resp: 3555753

Ion Ratio Lower Upper

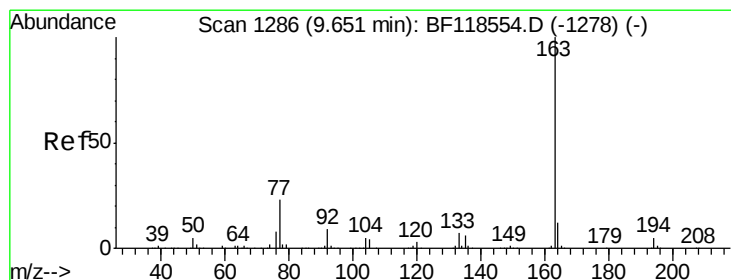
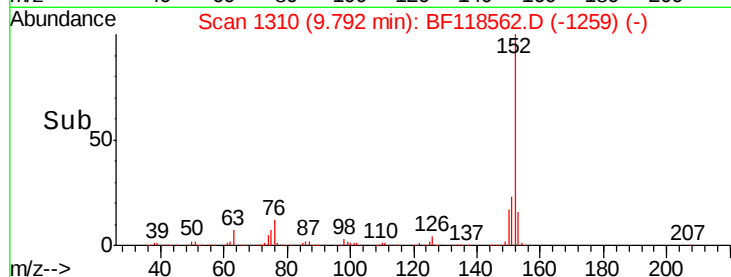
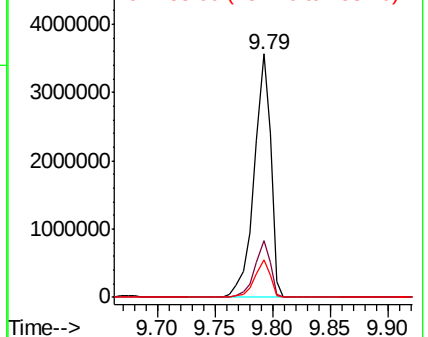
152 100

151 23.4 18.6 27.8

153 15.6 12.3 18.5



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: 41.560 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

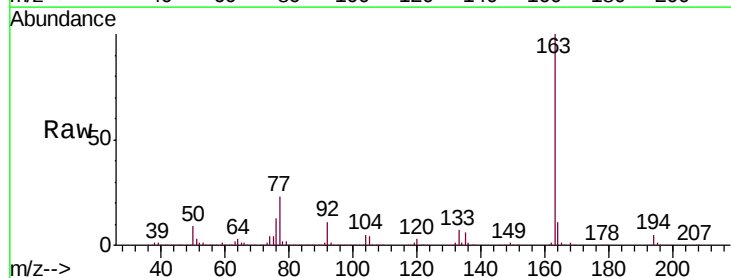
Tgt Ion:163 Resp: 2712459

Ion Ratio Lower Upper

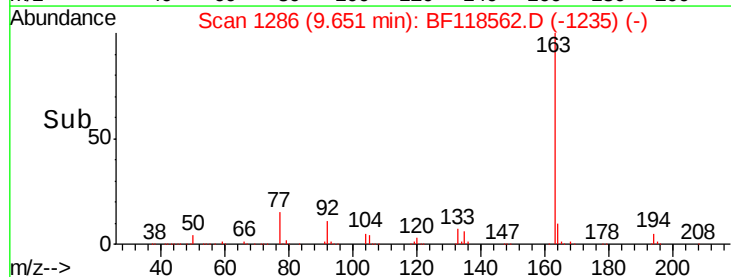
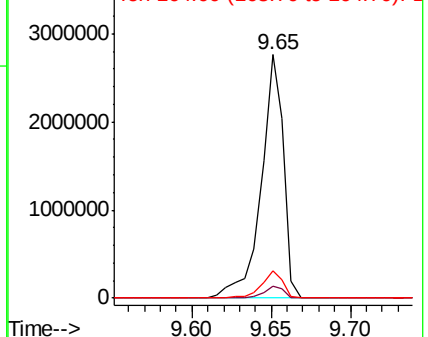
163 100

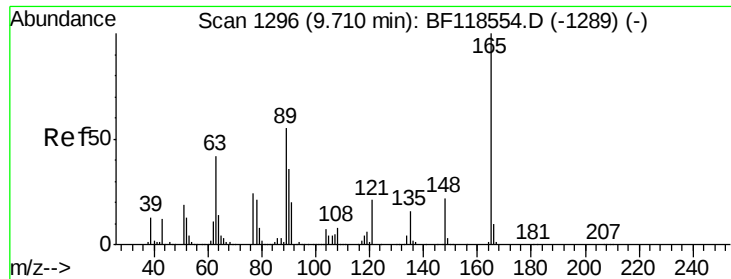
194 4.8 3.8 5.8

164 11.4 9.3 13.9



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: 50.460 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

Instrument :

BNA\_F

ClientSampleId :

PB126158BS

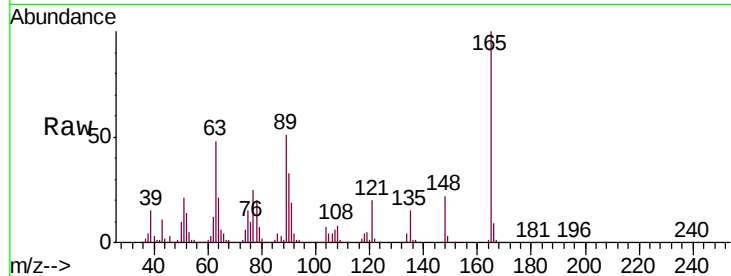
Tgt Ion:165 Resp: 628368

Ion Ratio Lower Upper

165 100

63 47.5 41.9 62.9

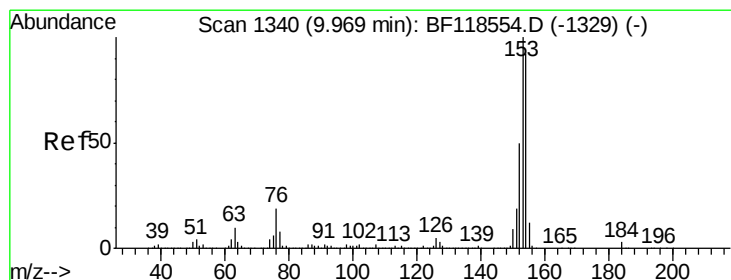
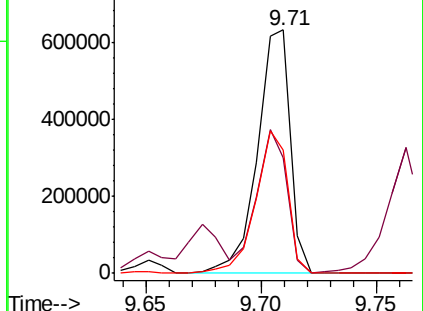
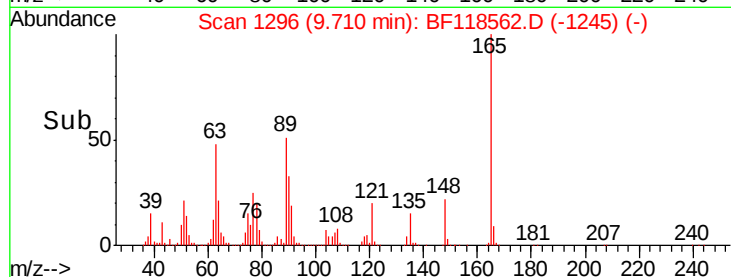
89 50.8 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 45.457 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

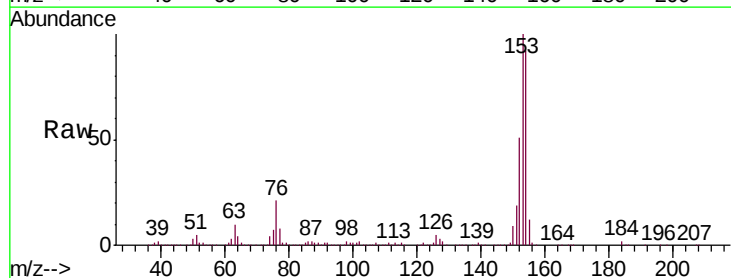
Tgt Ion:154 Resp: 2407110

Ion Ratio Lower Upper

154 100

153 108.8 87.0 130.4

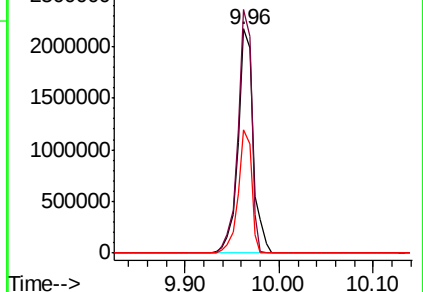
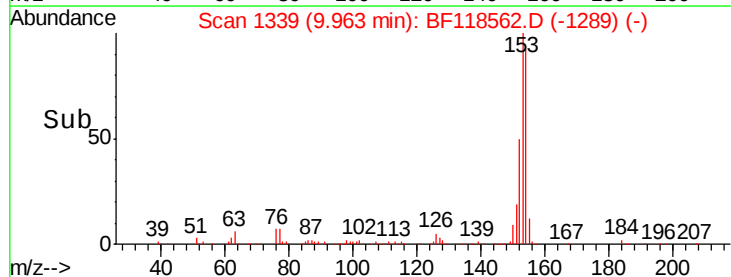
152 55.1 43.8 65.8

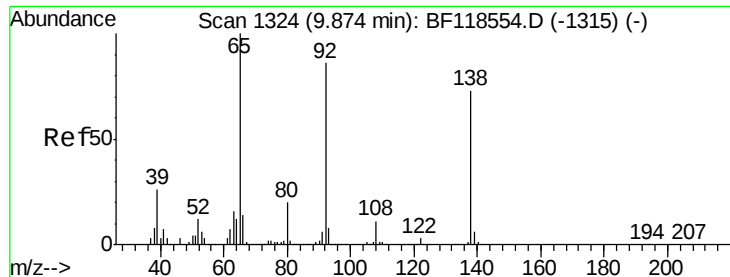


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

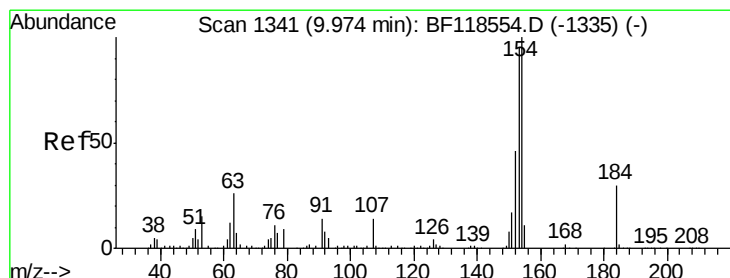
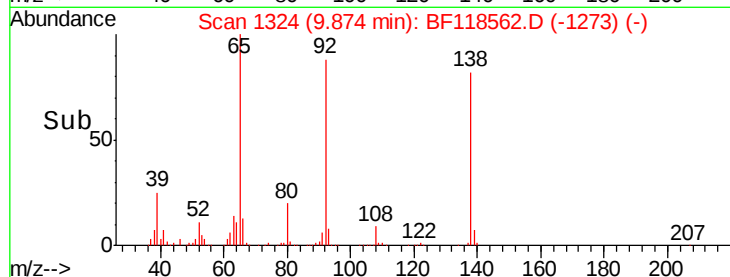
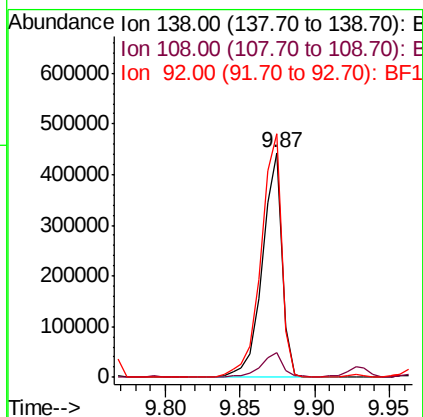
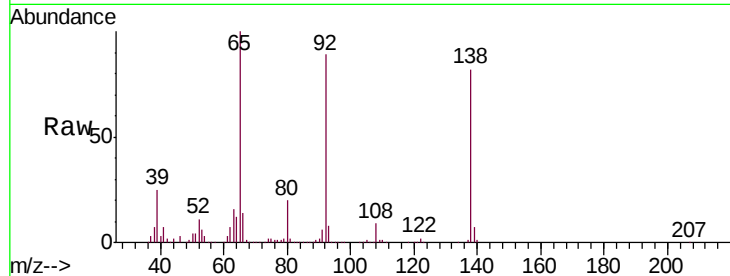




#53  
3-Nitroaniline  
Concen: 28.359 ng  
RT: 9.87 min Scan# 1324  
Delta R.T. -0.00 min  
Lab File: BF118562.D  
Acq: 17 Jan 2020 16:58

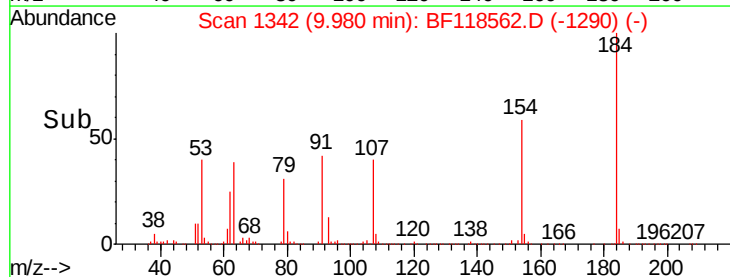
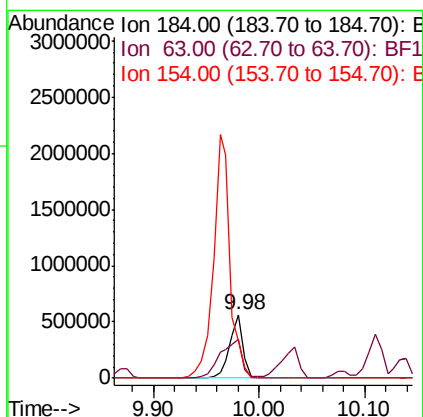
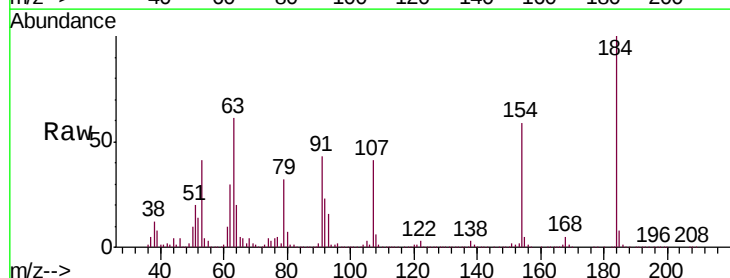
Instrument :  
BNA\_F  
ClientSampleId :  
PB126158BS

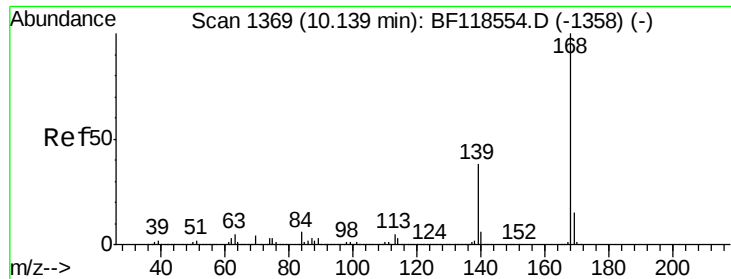
Tgt Ion:138 Resp: 400053  
Ion Ratio Lower Upper  
138 100  
108 11.2 12.2 18.4#  
92 108.3 94.2 141.2



#54  
2,4-Dinitrophenol  
Concen: 89.136 ng  
RT: 9.98 min Scan# 1342  
Delta R.T. 0.01 min  
Lab File: BF118562.D  
Acq: 17 Jan 2020 16:58

Tgt Ion:184 Resp: 480924  
Ion Ratio Lower Upper  
184 100  
63 61.5 69.4 104.0#  
154 59.0 268.5 402.7#

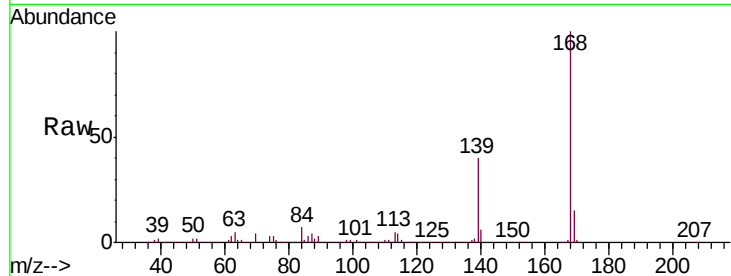




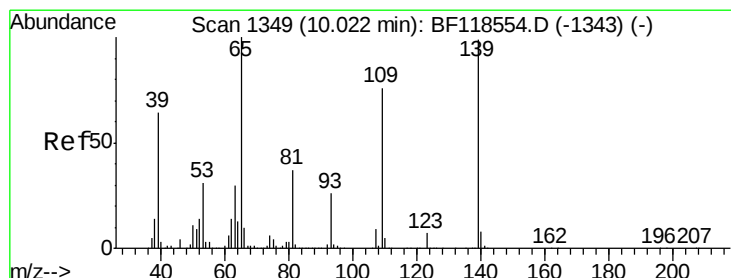
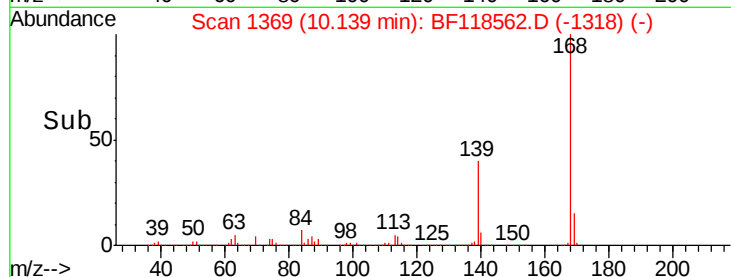
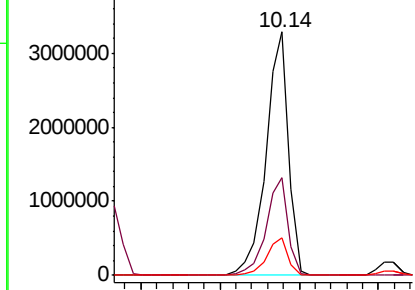
#55  
Dibenzenofuran  
Concen: 43.317 ng  
RT: 10.14 min Scan# 1369  
Delta R.T. -0.00 min  
Lab File: BF118562.D  
Acq: 17 Jan 2020 16:58

Instrument :  
BNA\_F  
ClientSampleId :  
PB126158BS

Tgt Ion:168 Resp: 3246046  
Ion Ratio Lower Upper  
168 100  
139 40.0 30.6 46.0  
169 15.2 11.9 17.9

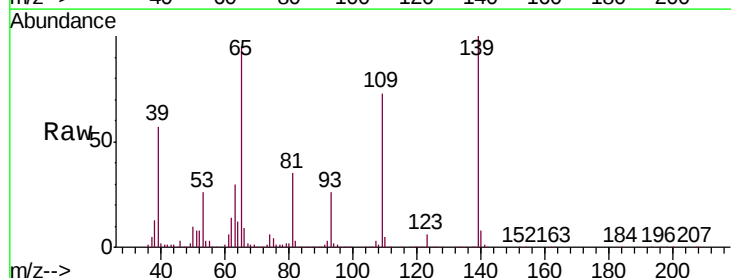


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

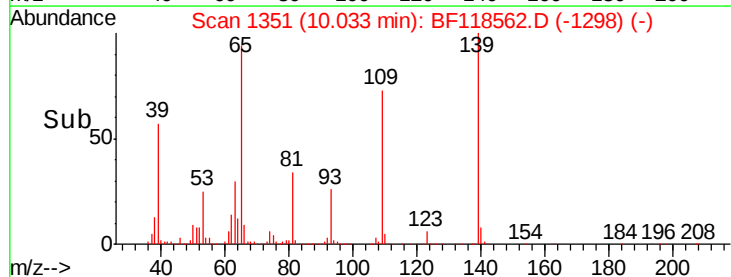
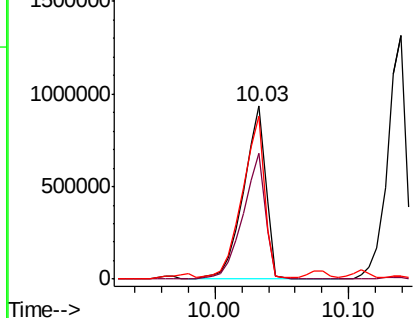


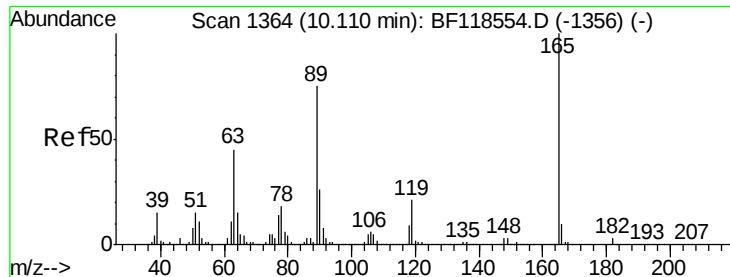
#56  
4-Nitrophenol  
Concen: 102.291 ng  
RT: 10.03 min Scan# 1351  
Delta R.T. 0.01 min  
Lab File: BF118562.D  
Acq: 17 Jan 2020 16:58

Tgt Ion:139 Resp: 1065953  
Ion Ratio Lower Upper  
139 100  
109 73.2 56.9 96.9  
65 94.6 81.7 121.7



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

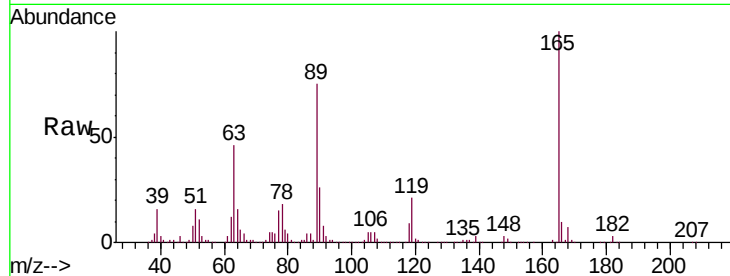




#57  
 2,4-Dinitrotoluene  
 Concen: 49.485 ng  
 RT: 10.11 min Scan# 1364  
 Delta R.T. 0.00 min  
 Lab File: BF118562.D  
 Acq: 17 Jan 2020 16:58

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB126158BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 165   | Resp: | 815094 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 45.8  | 35.8  | 53.6   |
| 89       | 75.0  | 59.9  | 89.9   |
| 182      | 2.8   | 2.2   | 3.2    |

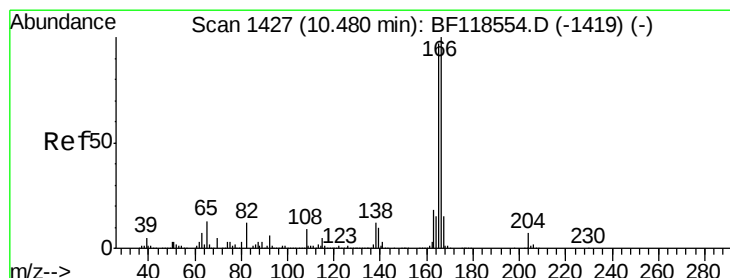
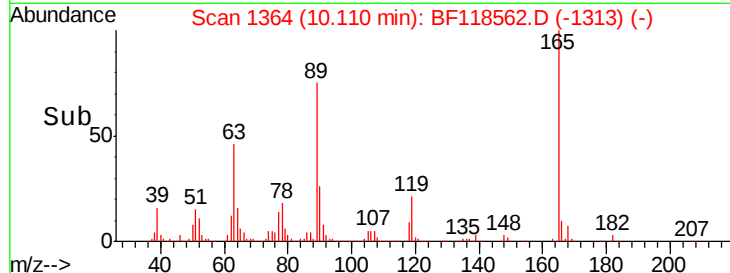
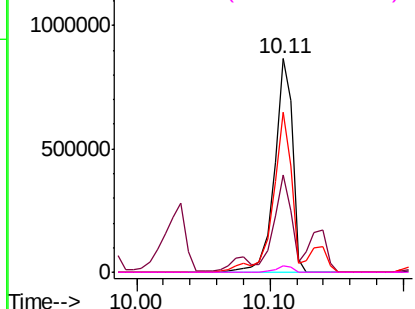


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

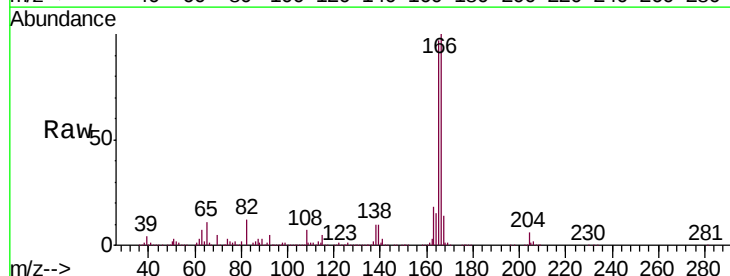
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58  
 Fluorene  
 Concen: 43.164 ng  
 RT: 10.48 min Scan# 1427  
 Delta R.T. -0.00 min  
 Lab File: BF118562.D  
 Acq: 17 Jan 2020 16:58

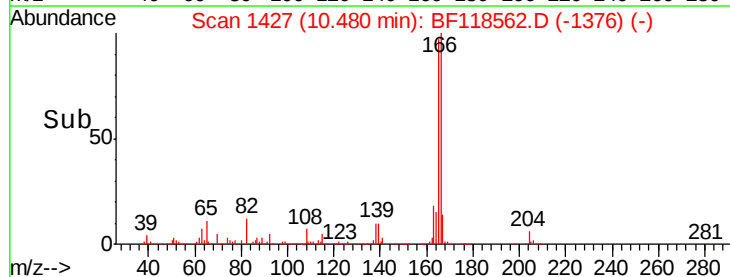
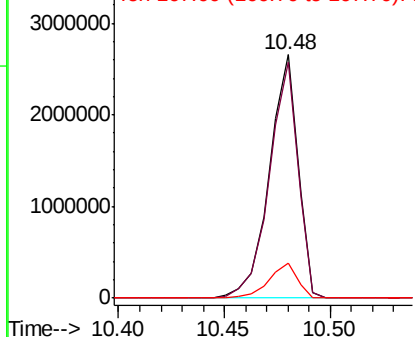
|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 166   | Resp: | 2504791 |
| Ion      | Ratio | Lower | Upper   |
| 166      | 100   |       |         |
| 165      | 97.0  | 77.8  | 116.8   |
| 167      | 14.4  | 11.7  | 17.5    |

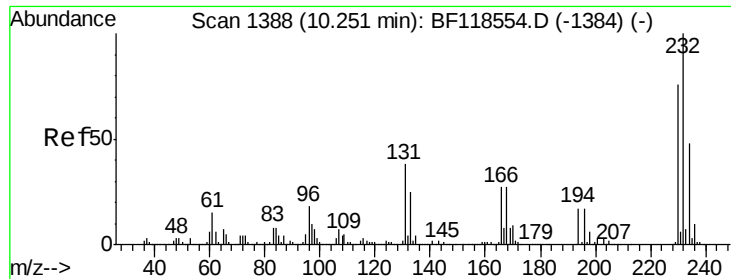


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

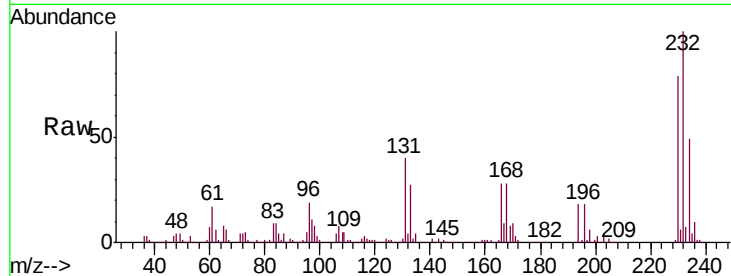




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 46.615 ng  
 RT: 10.25 min Scan# 1388  
 Delta R.T. -0.00 min  
 Lab File: BF118562.D  
 Acq: 17 Jan 2020 16:58

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB126158BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 40.6  | 32.3  | 48.5  |
| 130     | 2.2   | 1.7   | 2.5   |
| 166     | 28.3  | 22.2  | 33.2  |



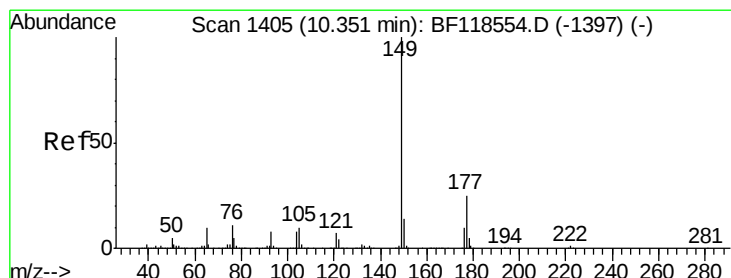
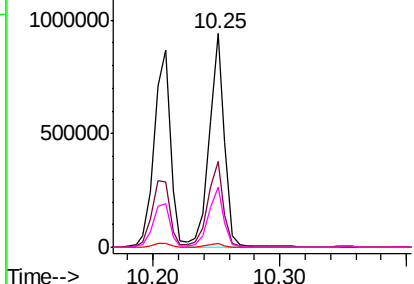
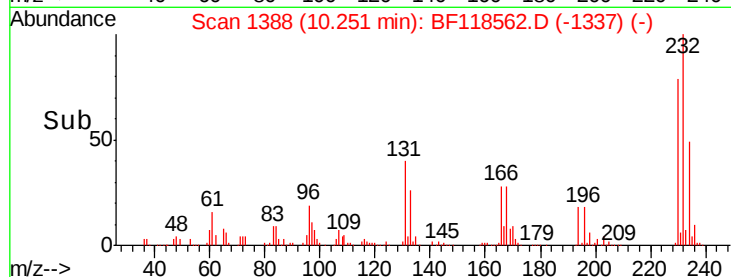
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

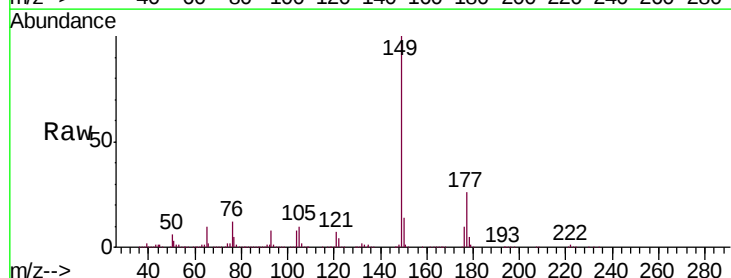
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
 Diethylphthalate  
 Concen: 42.147 ng  
 RT: 10.35 min Scan# 1405  
 Delta R.T. -0.00 min  
 Lab File: BF118562.D  
 Acq: 17 Jan 2020 16:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 25.7  | 20.2  | 30.4  |
| 150     | 13.8  | 11.0  | 16.4  |

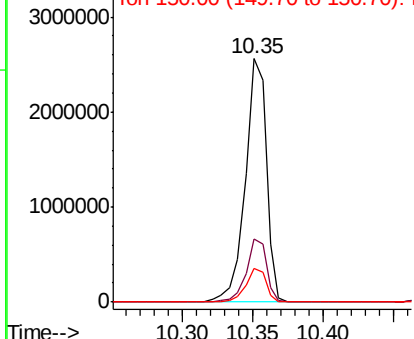
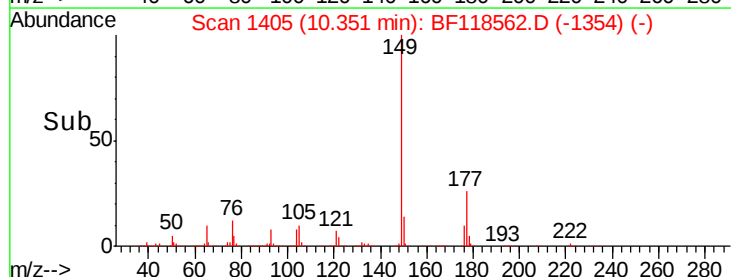


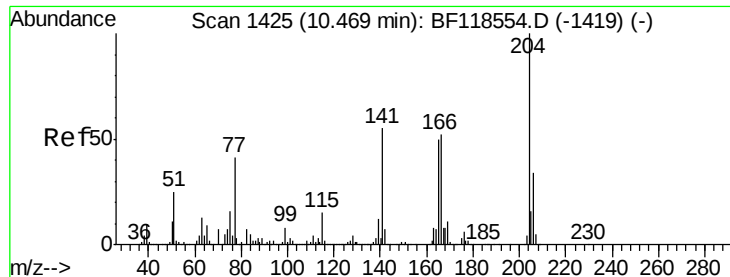
Abundance

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

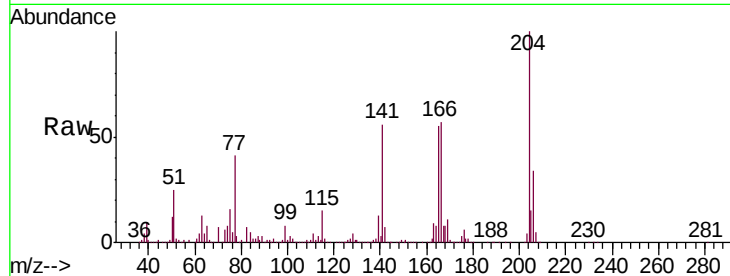




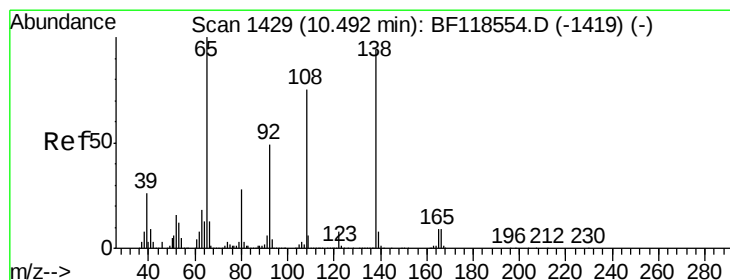
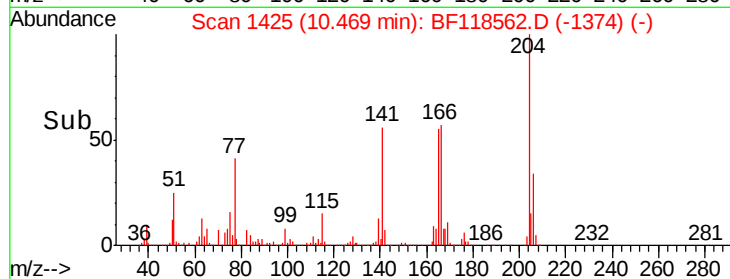
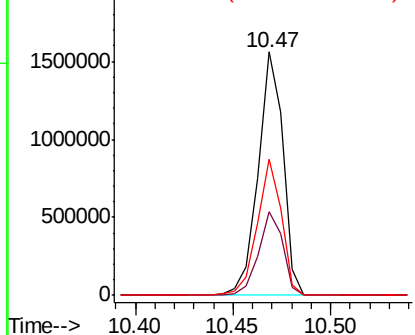
#61  
4-Chlorophenyl-phenylether  
Concen: 43.275 ng  
RT: 10.47 min Scan# 1425  
Delta R.T. -0.00 min  
Lab File: BF118562.D  
Acq: 17 Jan 2020 16:58

Instrument :  
BNA\_F  
ClientSampleId :  
PB126158BS

Tgt Ion:204 Resp: 1373846  
Ion Ratio Lower Upper  
204 100  
206 34.4 27.1 40.7  
141 55.9 44.4 66.6

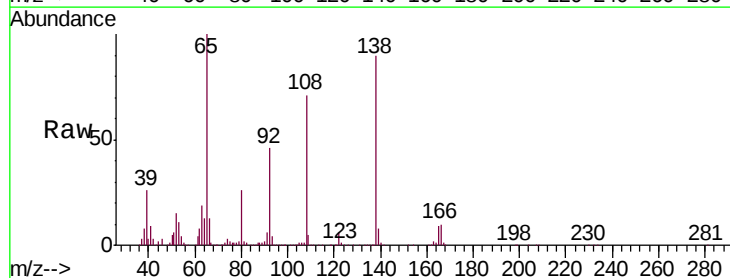


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

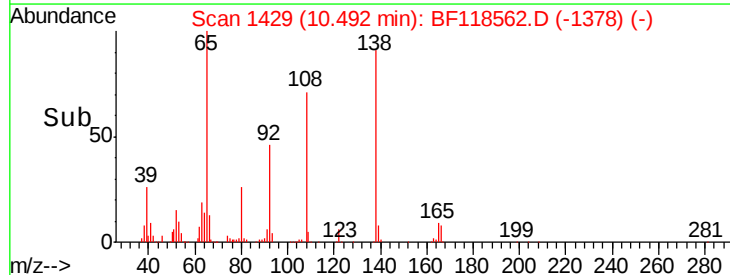
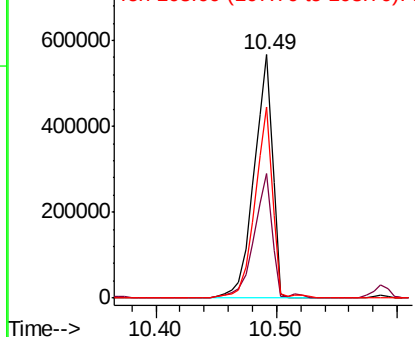


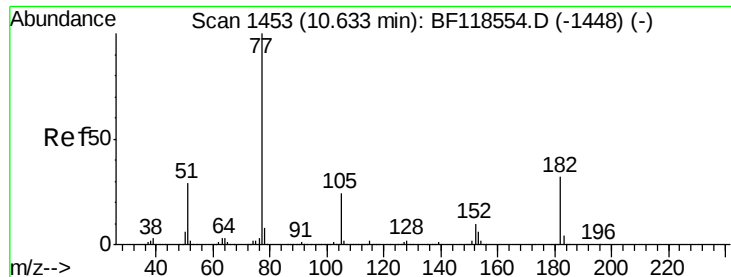
#62  
4-Nitroaniline  
Concen: 43.687 ng  
RT: 10.49 min Scan# 1429  
Delta R.T. -0.00 min  
Lab File: BF118562.D  
Acq: 17 Jan 2020 16:58

Tgt Ion:138 Resp: 612100  
Ion Ratio Lower Upper  
138 100  
92 50.9 31.7 71.7  
108 78.5 59.6 99.6



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





#63

Azobenzene

Concen: 42.938 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

Instrument :

BNA\_F

ClientSampleId :

PB126158BS

Tgt Ion: 77 Resp: 2666509

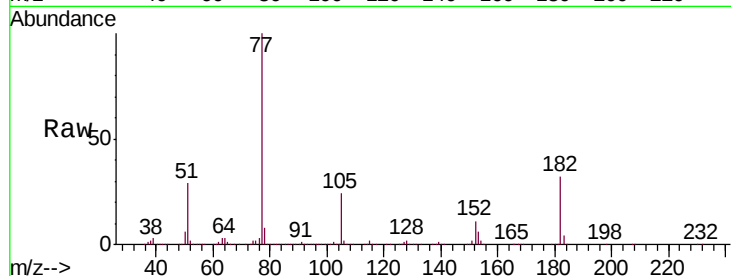
Ion Ratio Lower Upper

77 100

182 32.2 11.7 51.7

105 23.8 3.6 43.6

51 29.0 9.0 49.0

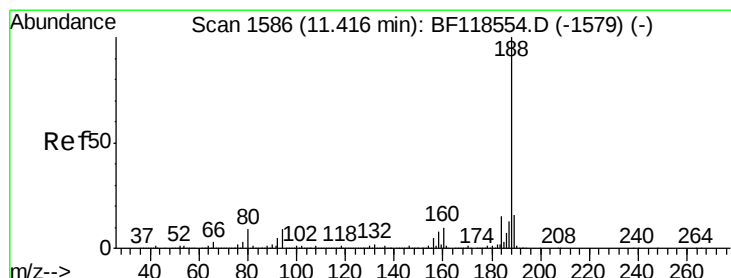
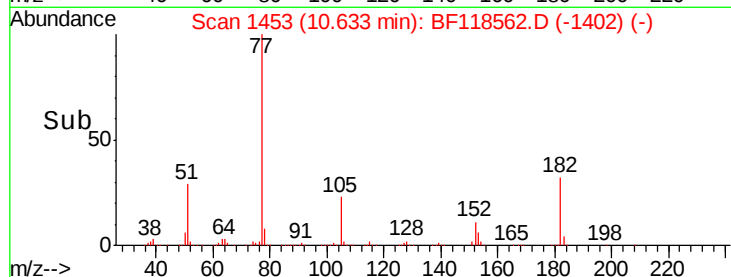
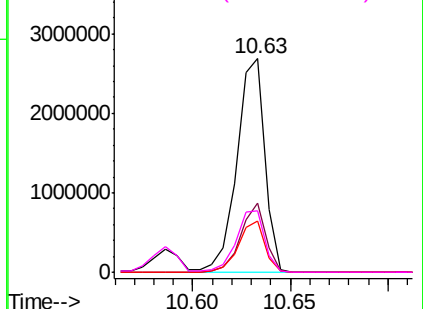


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

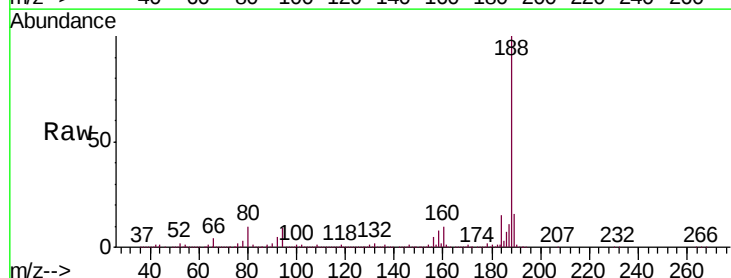
Tgt Ion: 188 Resp: 1725785

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.4

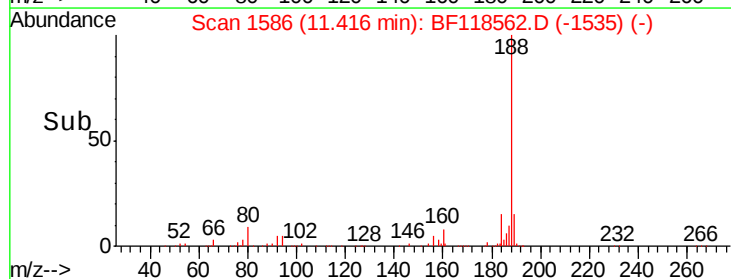
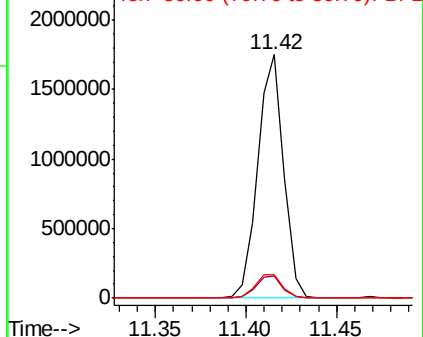
80 9.7 7.4 11.2

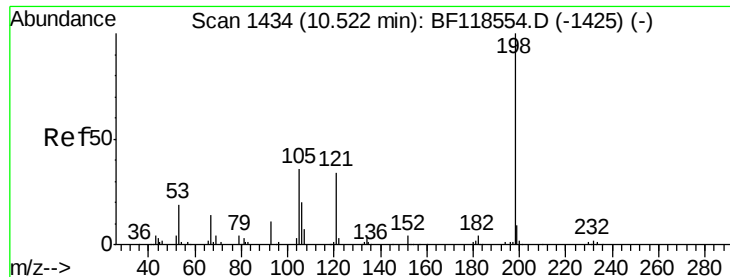


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

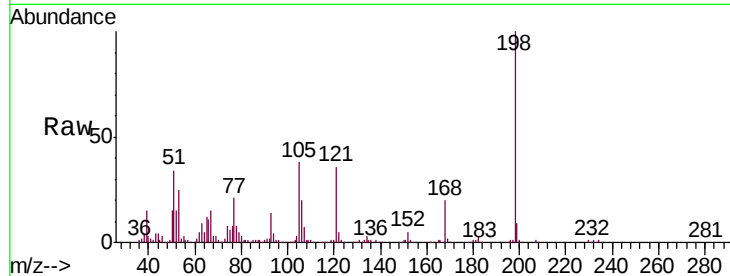




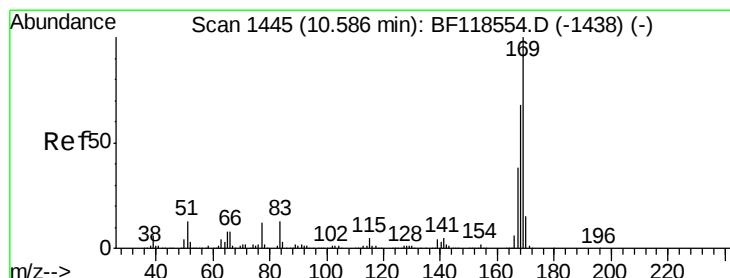
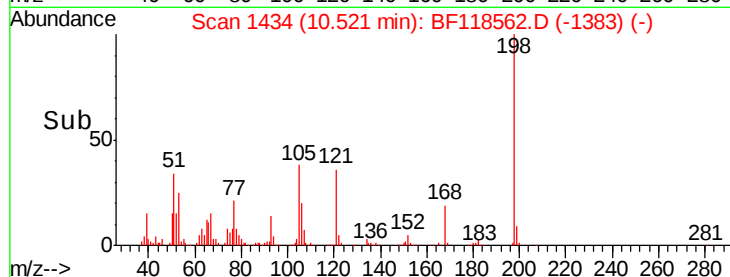
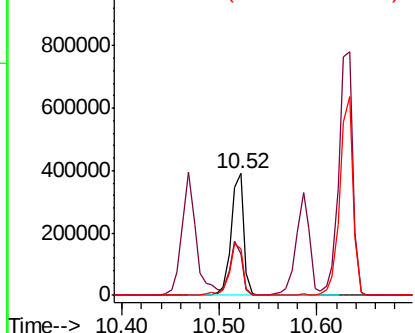
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 49.625 ng  
 RT: 10.52 min Scan# 1434  
 Delta R.T. 0.00 min  
 Lab File: BF118562.D  
 Acq: 17 Jan 2020 16:58

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB126158BS

Tgt Ion:198 Resp: 351451  
 Ion Ratio Lower Upper  
 198 100  
 51 33.9 13.2 53.2  
 105 38.4 17.2 57.2

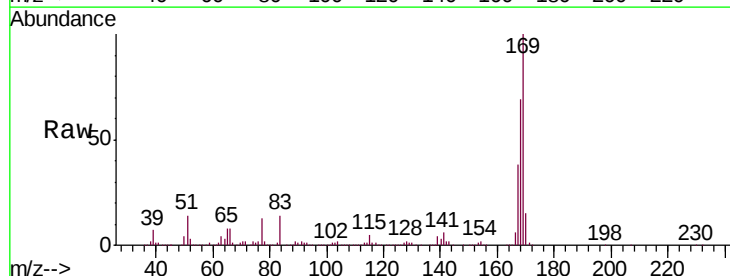


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BF1  
 Ion 105.00 (104.70 to 105.70): E

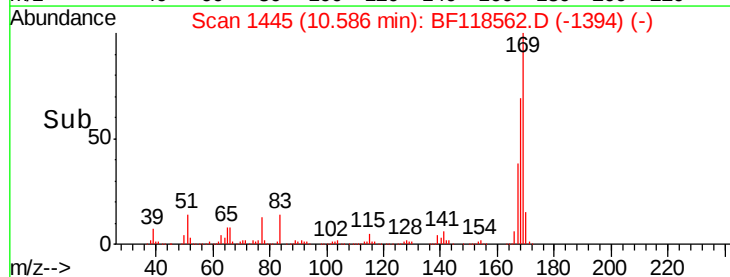
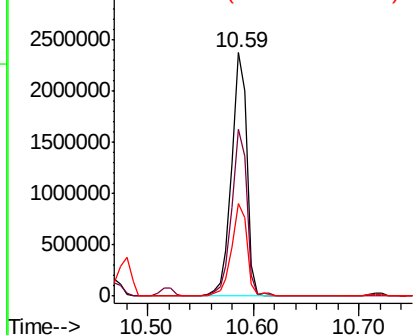


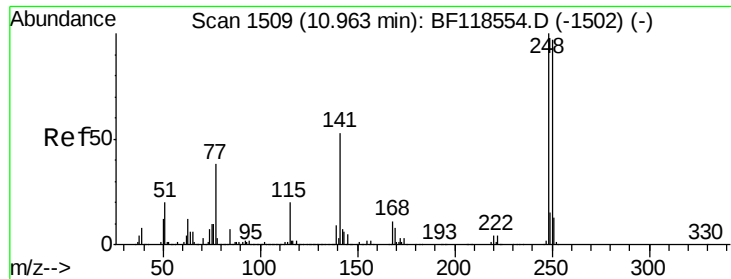
#66  
 n-Nitrosodiphenylamine  
 Concen: 42.396 ng  
 RT: 10.59 min Scan# 1445  
 Delta R.T. -0.00 min  
 Lab File: BF118562.D  
 Acq: 17 Jan 2020 16:58

Tgt Ion:169 Resp: 2350959  
 Ion Ratio Lower Upper  
 169 100  
 168 68.6 54.2 81.4  
 167 38.1 30.5 45.7



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

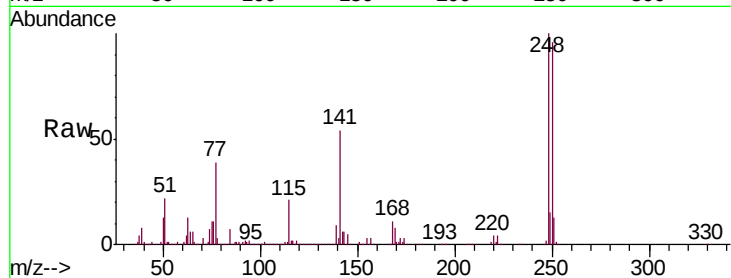




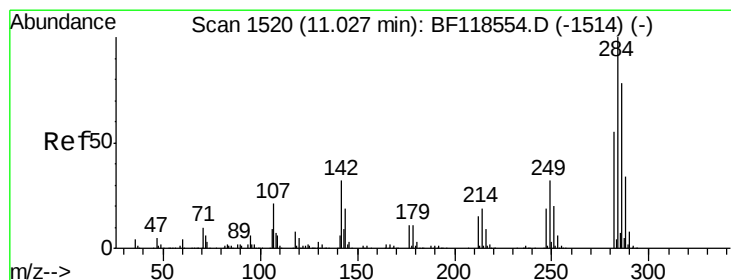
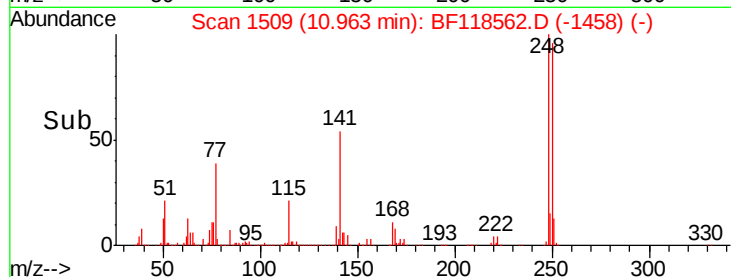
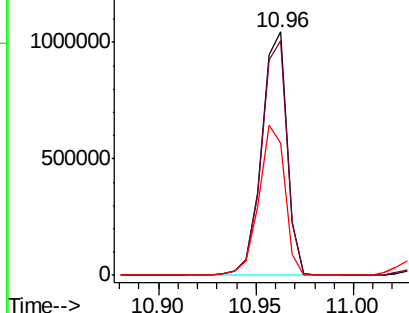
#67  
4-Bromophenyl-phenylether  
Concen: 40.837 ng  
RT: 10.96 min Scan# 1509  
Delta R.T. -0.00 min  
Lab File: BF118562.D  
Acq: 17 Jan 2020 16:58

Instrument :  
BNA\_F  
ClientSampleId :  
PB126158BS

Tgt Ion:248 Resp: 943399  
Ion Ratio Lower Upper  
248 100  
250 96.2 77.8 116.8  
141 54.1 42.7 64.1

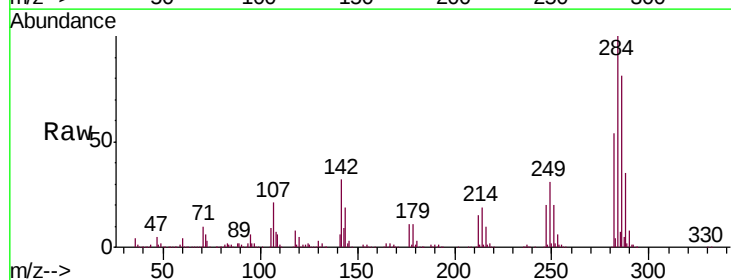


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

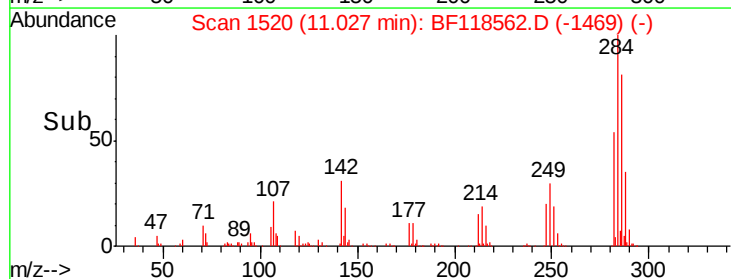
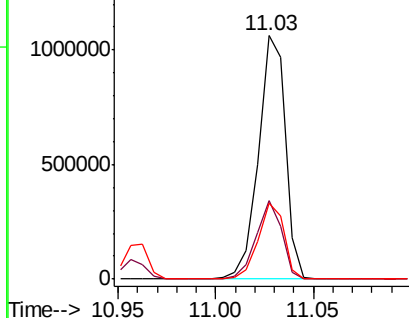


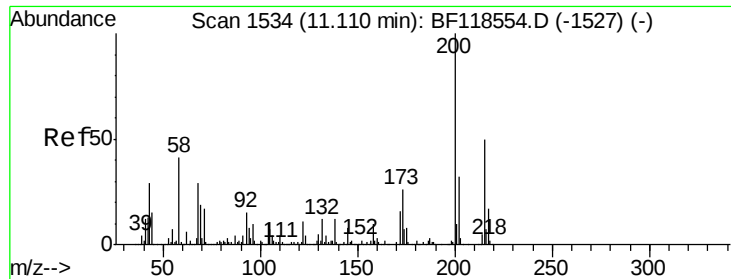
#68  
Hexachlorobenzene  
Concen: 39.668 ng  
RT: 11.03 min Scan# 1520  
Delta R.T. -0.00 min  
Lab File: BF118562.D  
Acq: 17 Jan 2020 16:58

Tgt Ion:284 Resp: 1015501  
Ion Ratio Lower Upper  
284 100  
142 32.2 25.6 38.4  
249 30.9 25.6 38.4



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

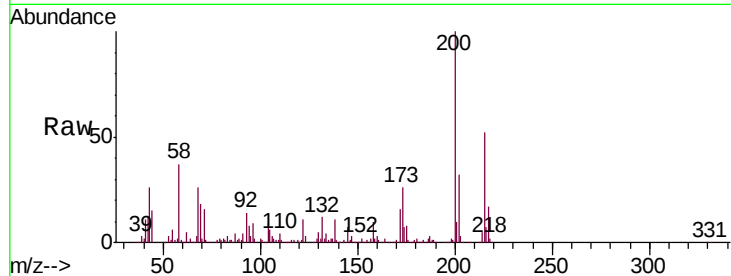




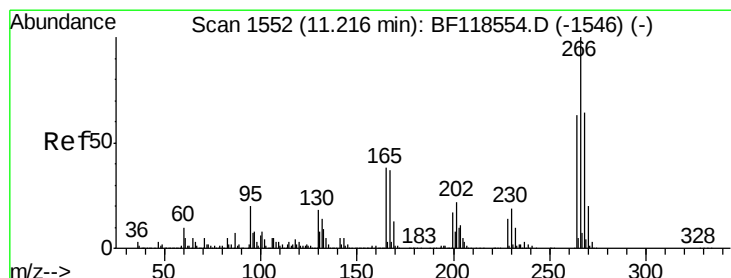
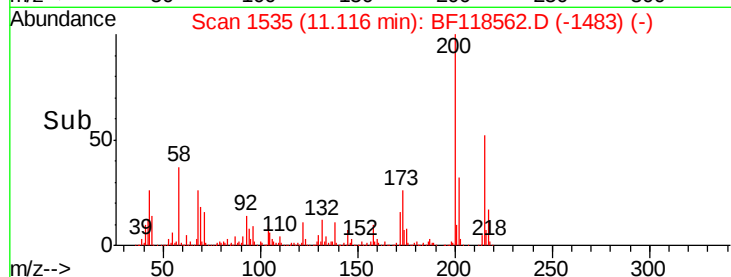
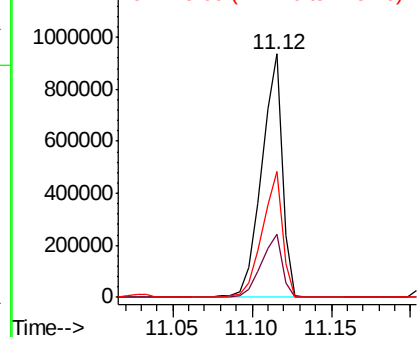
#69  
Atrazine  
Concen: 53.318 ng  
RT: 11.12 min Scan# 1535  
Delta R.T. 0.01 min  
Lab File: BF118562.D  
Acq: 17 Jan 2020 16:58

Instrument :  
BNA\_F  
ClientSampleId :  
PB126158BS

Tgt Ion:200 Resp: 853208  
Ion Ratio Lower Upper  
200 100  
173 26.1 5.8 45.8  
215 51.5 29.8 69.8

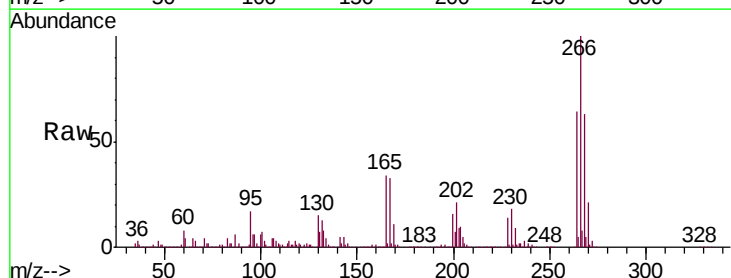


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

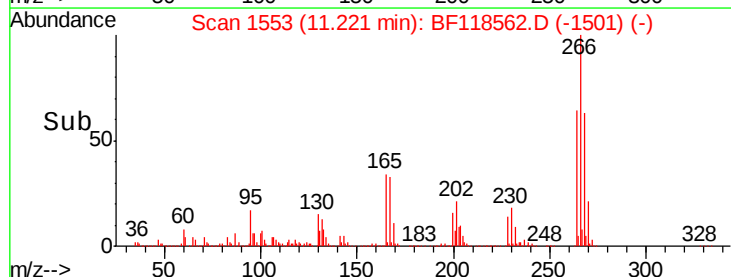
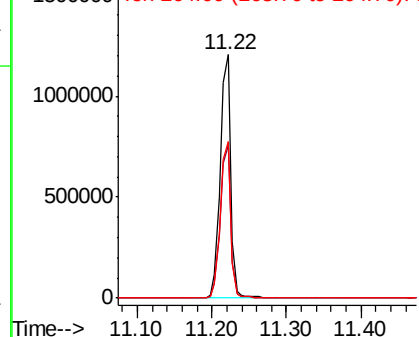


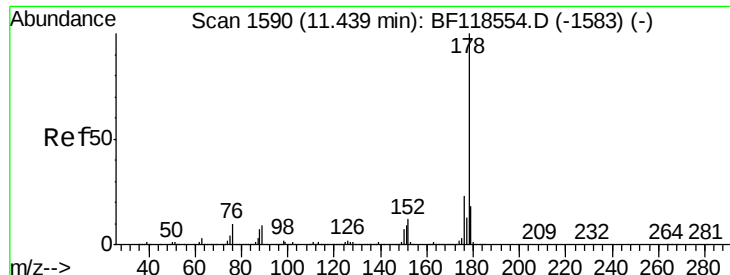
#70  
Pentachlorophenol  
Concen: 93.107 ng  
RT: 11.22 min Scan# 1553  
Delta R.T. 0.01 min  
Lab File: BF118562.D  
Acq: 17 Jan 2020 16:58

Tgt Ion:266 Resp: 1171418  
Ion Ratio Lower Upper  
266 100  
268 63.0 51.0 76.4  
264 64.2 50.5 75.7



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

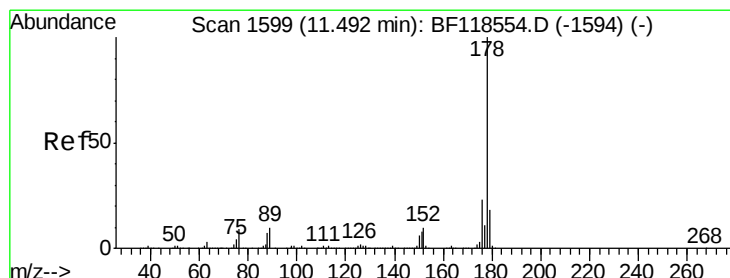
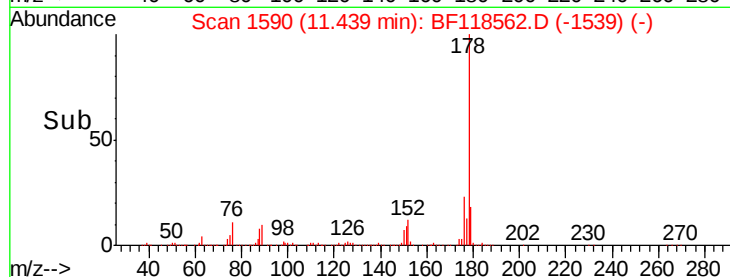
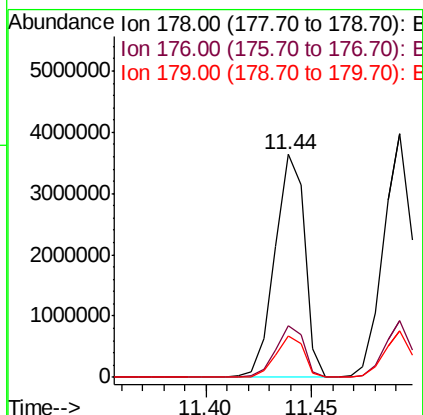
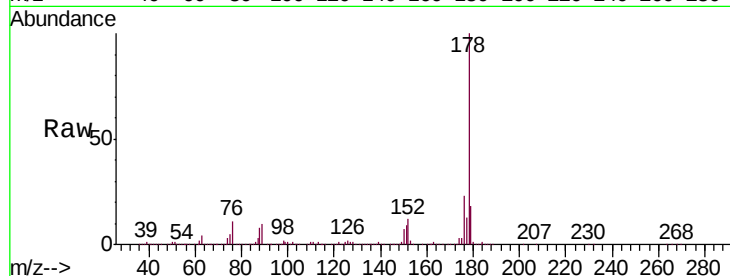




#71  
Phenanthrene  
Concen: 41.571 ng  
RT: 11.44 min Scan# 1590  
Delta R.T. -0.00 min  
Lab File: BF118562.D  
Acq: 17 Jan 2020 16:58

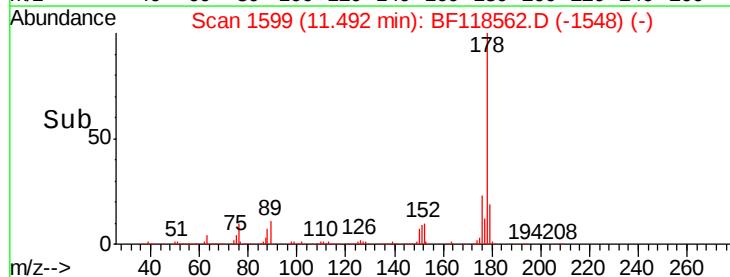
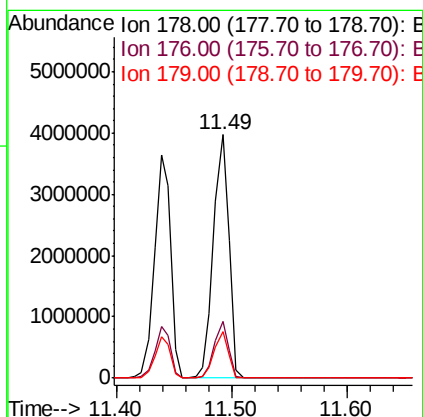
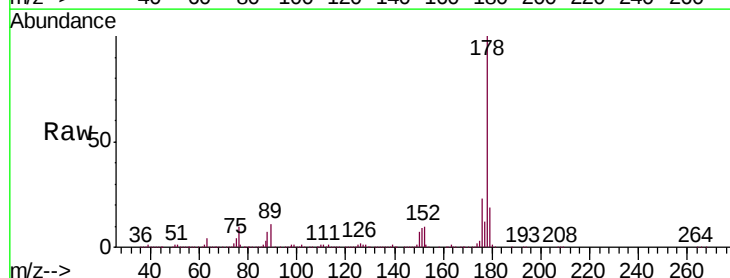
Instrument :  
BNA\_F  
ClientSampleId :  
PB126158BS

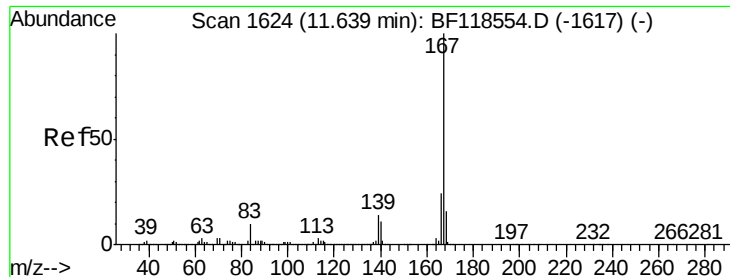
Tgt Ion:178 Resp: 3606155  
Ion Ratio Lower Upper  
178 100  
176 23.3 18.6 28.0  
179 18.4 14.6 22.0



#72  
Anthracene  
Concen: 42.818 ng  
RT: 11.49 min Scan# 1599  
Delta R.T. -0.00 min  
Lab File: BF118562.D  
Acq: 17 Jan 2020 16:58

Tgt Ion:178 Resp: 3705794  
Ion Ratio Lower Upper  
178 100  
176 23.1 18.1 27.1  
179 18.9 14.7 22.1

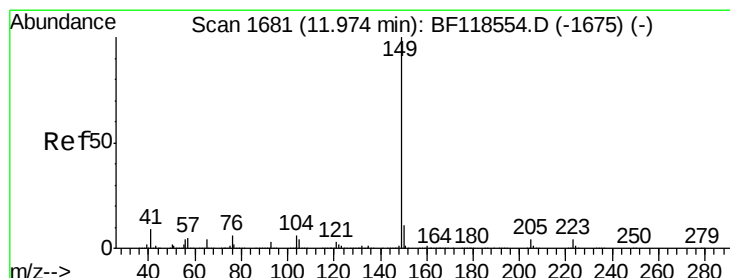
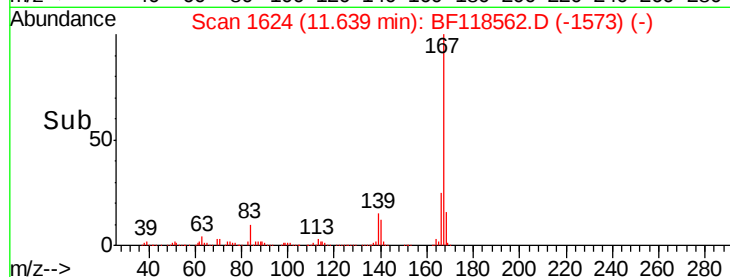
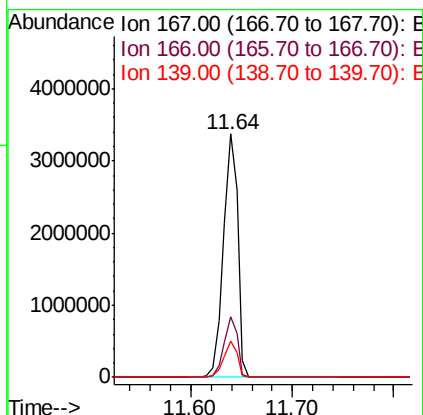
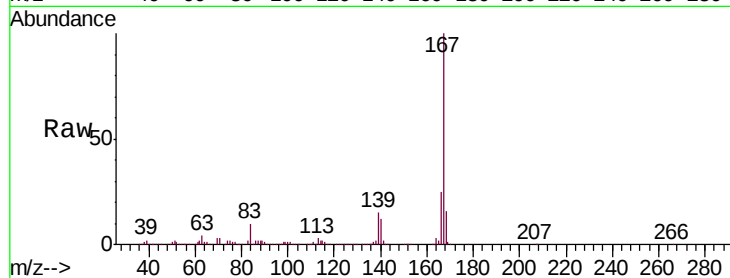




#73  
 Carbazole  
 Concen: 42.055 ng  
 RT: 11.64 min Scan# 1624  
 Delta R.T. -0.00 min  
 Lab File: BF118562.D  
 Acq: 17 Jan 2020 16:58

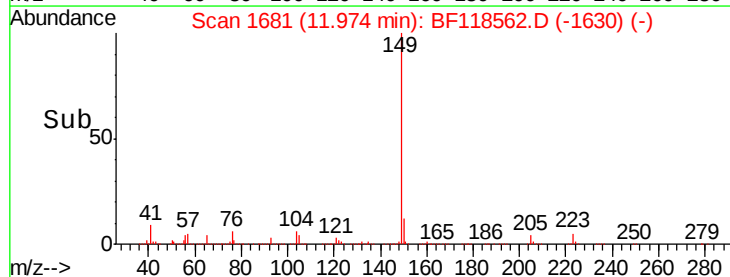
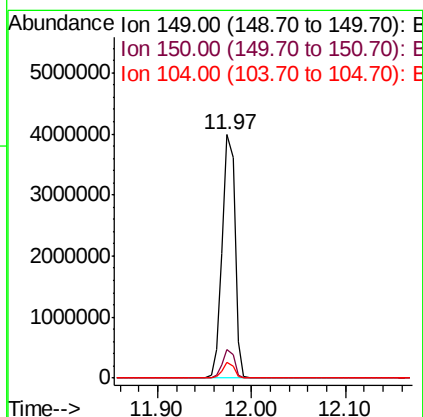
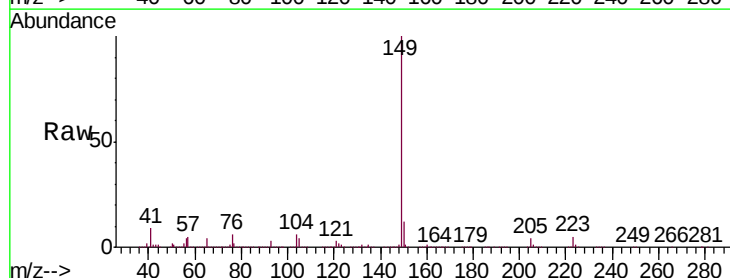
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB126158BS

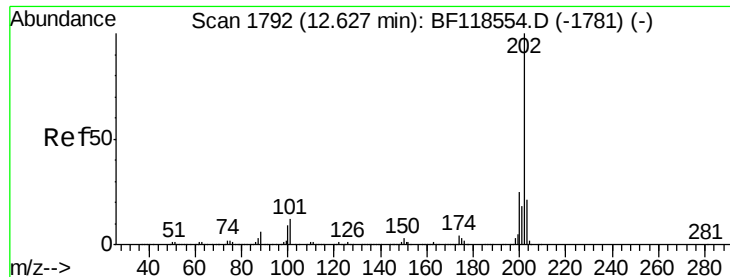
Tgt Ion:167 Resp: 3282661  
 Ion Ratio Lower Upper  
 167 100  
 166 24.6 19.5 29.3  
 139 14.8 11.5 17.3



#74  
 Di-n-butylphthalate  
 Concen: 39.330 ng  
 RT: 11.97 min Scan# 1681  
 Delta R.T. -0.00 min  
 Lab File: BF118562.D  
 Acq: 17 Jan 2020 16:58

Tgt Ion:149 Resp: 3815005  
 Ion Ratio Lower Upper  
 149 100  
 150 11.6 9.0 13.6  
 104 6.3 5.0 7.4





#75

Fluoranthene

Concen: 40.701 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

Instrument :

BNA\_F

ClientSampleId :

PB126158BS

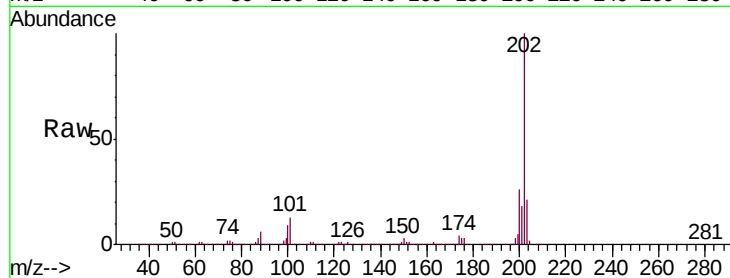
Tgt Ion:202 Resp: 3796848

Ion Ratio Lower Upper

202 100

101 12.6 0.0 31.9

203 21.3 0.9 40.9

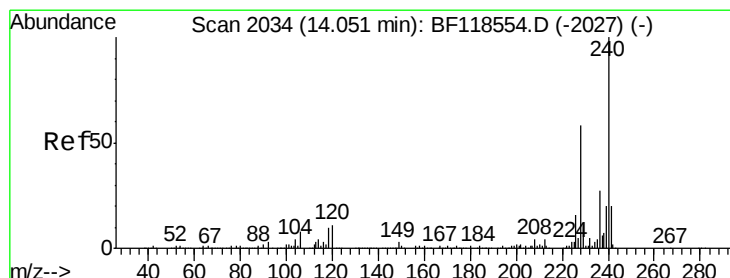
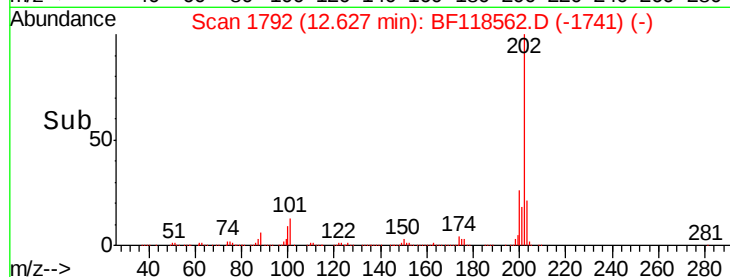
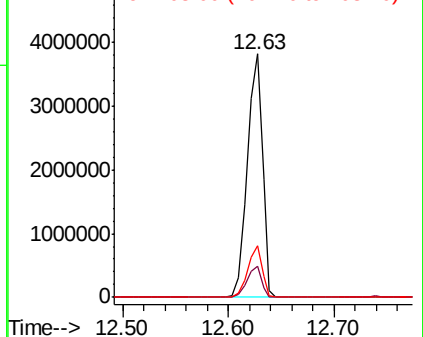


Abundance

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: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

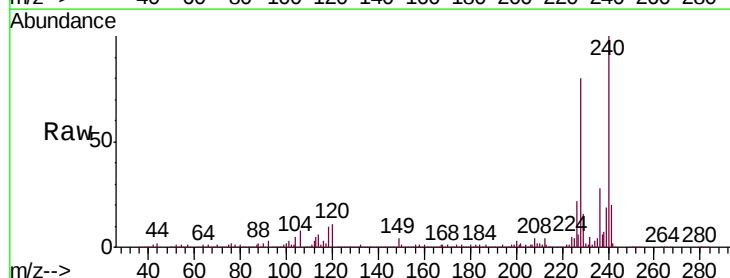
Tgt Ion:240 Resp: 1282541

Ion Ratio Lower Upper

240 100

120 11.4 8.7 13.1

236 27.6 21.8 32.8

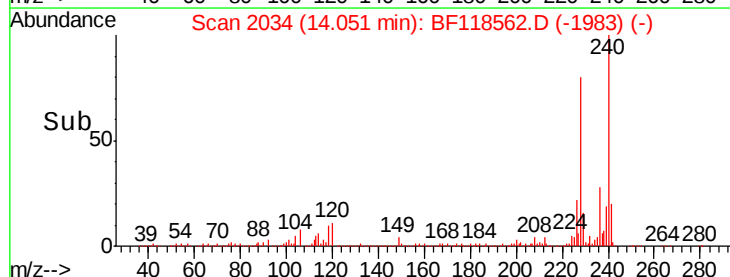
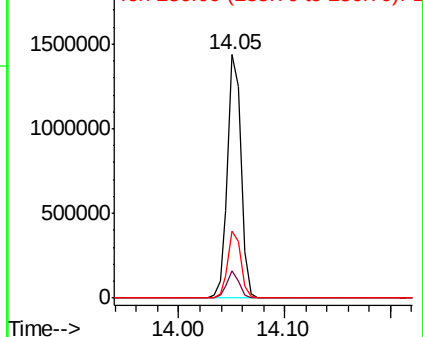


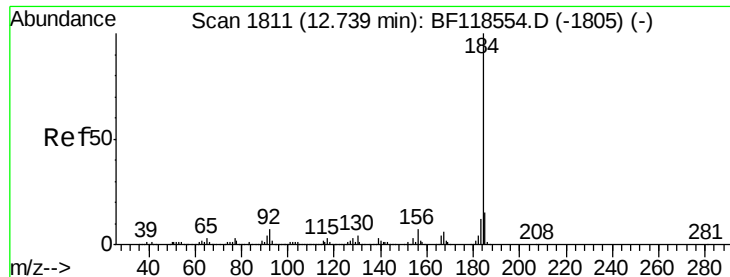
Abundance

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: 63.096 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

Instrument :

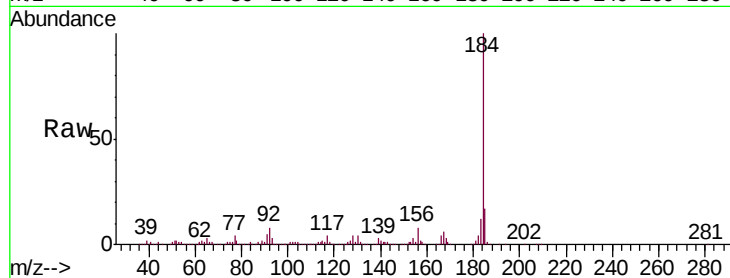
BNA\_F

ClientSampleId :

PB126158BS

Tgt Ion:184 Resp: 1966147

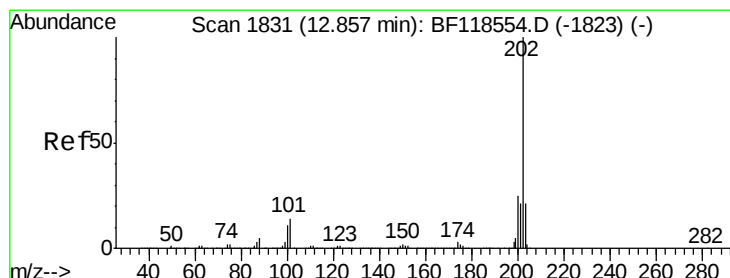
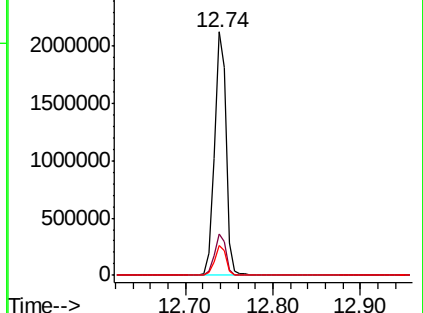
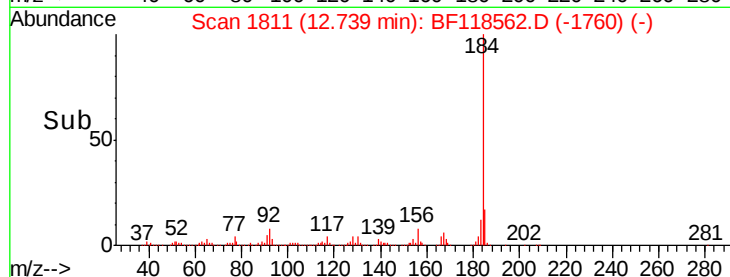
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 16.8  | 12.3  | 18.5  |
| 183 | 12.4  | 9.5   | 14.3  |



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: 39.891 ng

RT: 12.86 min Scan# 1831

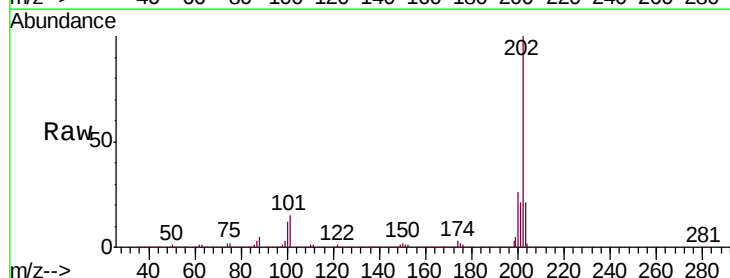
Delta R.T. -0.00 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

Tgt Ion:202 Resp: 3818530

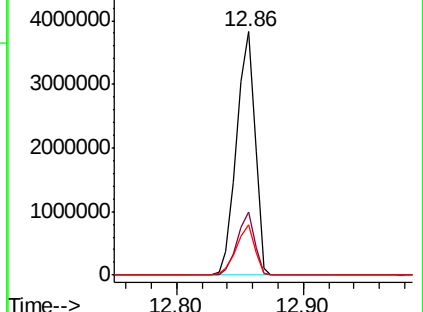
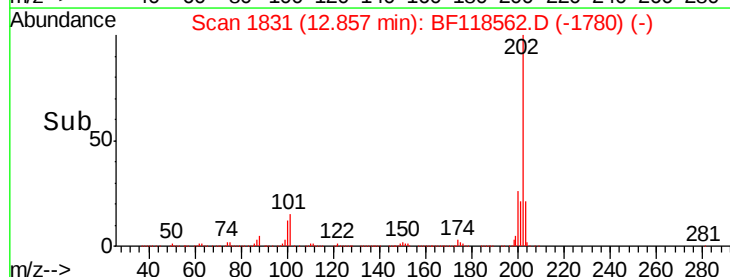
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 25.7  | 20.2  | 30.4  |
| 203 | 20.9  | 16.6  | 25.0  |

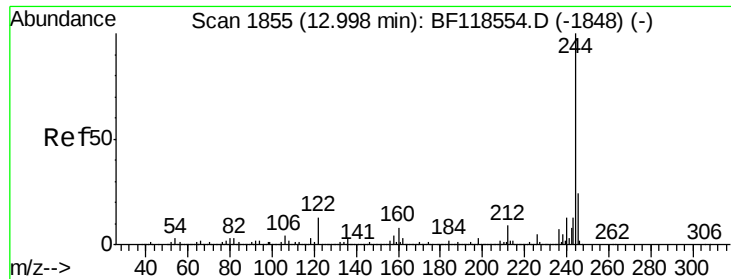


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.190 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

Instrument :

BNA\_F

ClientSampleId :

PB126158BS

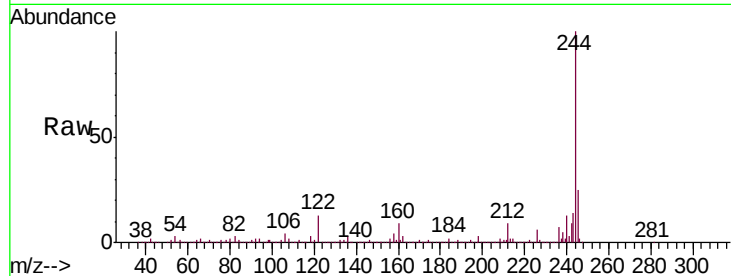
Tgt Ion:244 Resp: 4688092

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.4

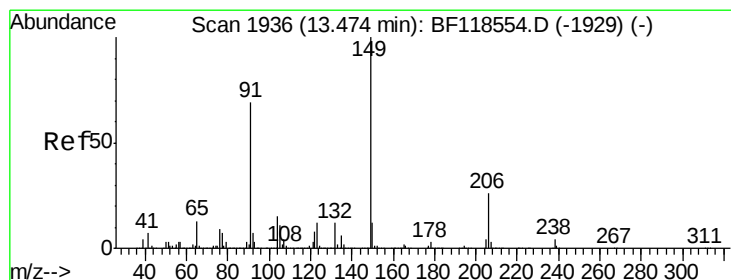
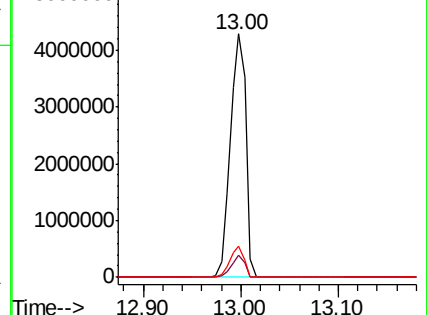
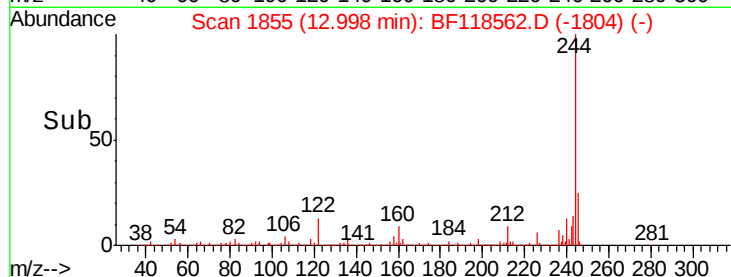
122 13.0 10.4 15.6



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: 40.699 ng

RT: 13.47 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

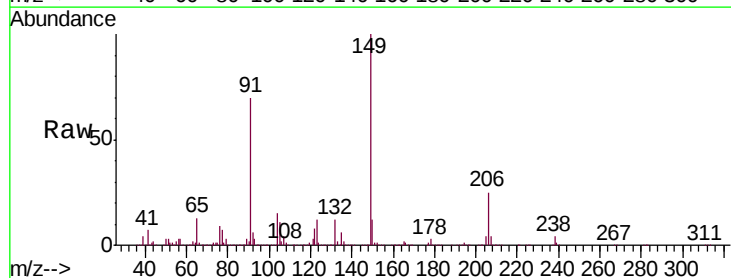
Tgt Ion:149 Resp: 1669991

Ion Ratio Lower Upper

149 100

91 70.1 55.5 83.3

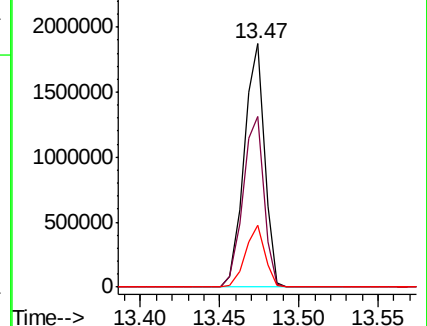
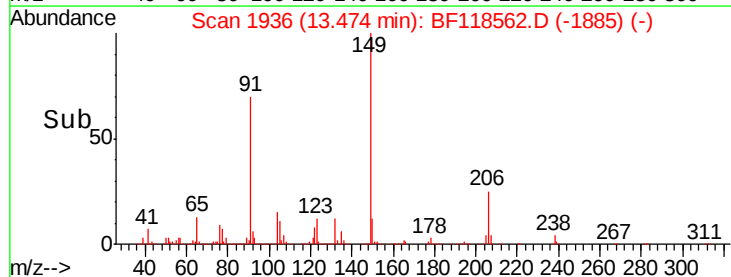
206 25.5 20.7 31.1

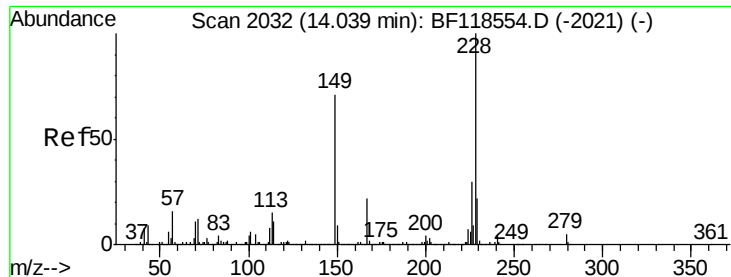


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.955 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

Instrument :

BNA\_F

ClientSampleId :

PB126158BS

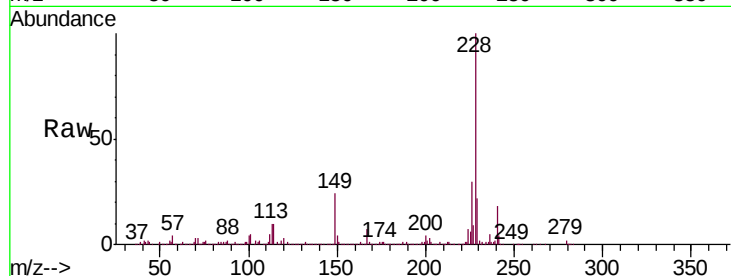
Tgt Ion:228 Resp: 3315493

Ion Ratio Lower Upper

228 100

226 29.9 23.7 35.5

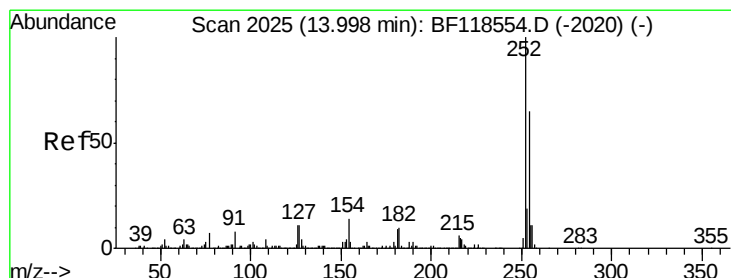
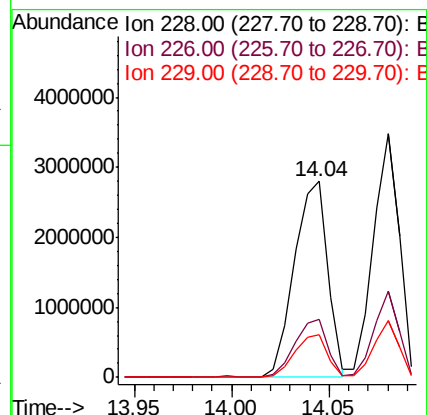
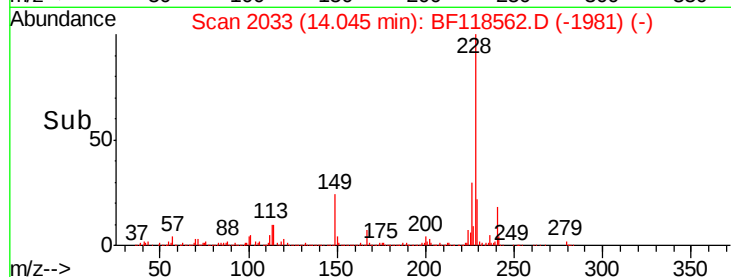
229 21.9 17.3 25.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.161 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

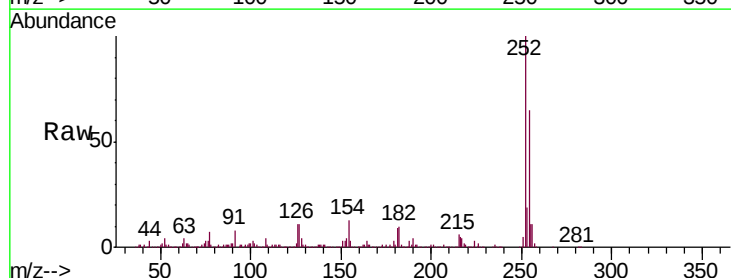
Tgt Ion:252 Resp: 856645

Ion Ratio Lower Upper

252 100

254 64.8 52.0 78.0

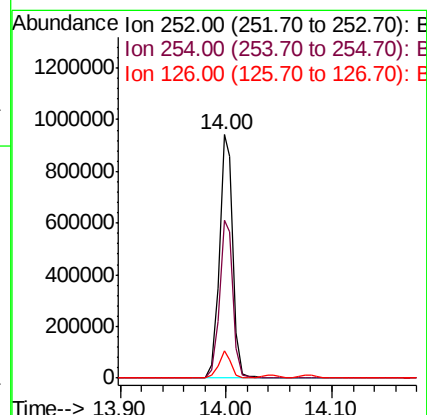
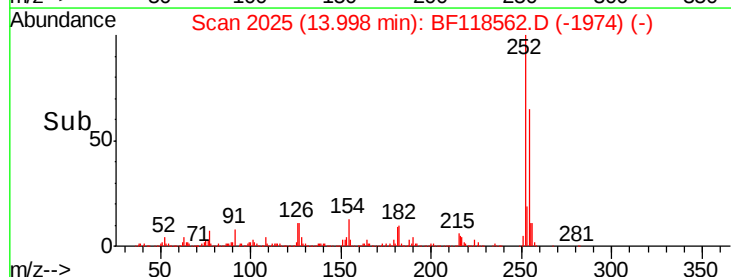
126 11.0 9.1 13.7

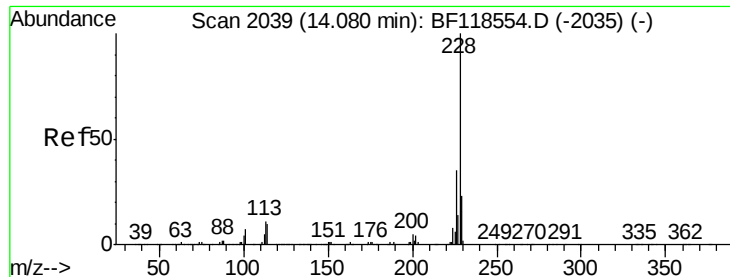


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.387 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.00 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

Instrument :

BNA\_F

ClientSampleId :

PB126158BS

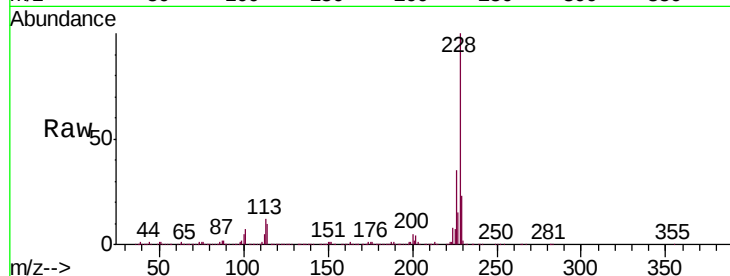
Tgt Ion:228 Resp: 3222739

Ion Ratio Lower Upper

228 100

226 35.5 28.2 42.2

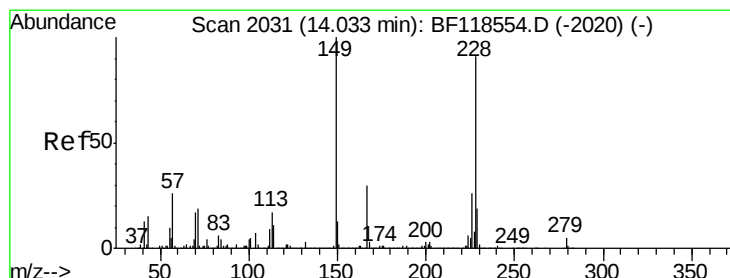
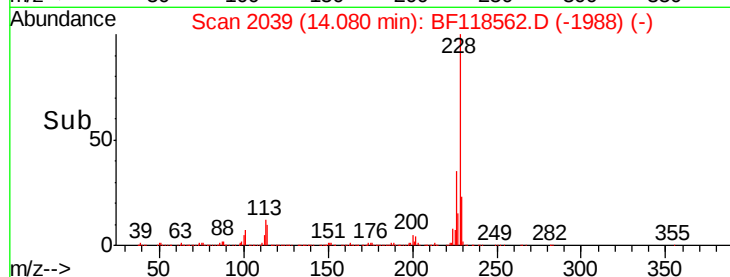
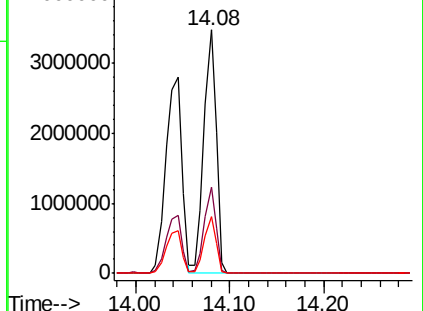
229 23.3 18.2 27.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.184 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

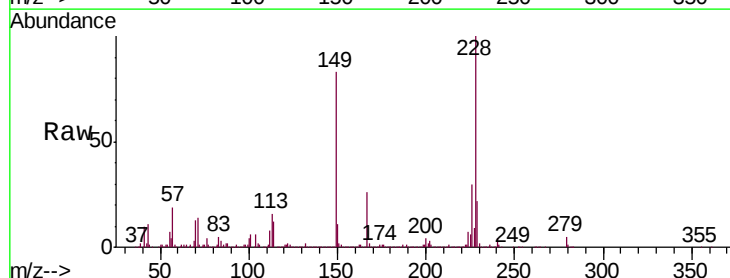
Tgt Ion:149 Resp: 2148420

Ion Ratio Lower Upper

149 100

167 30.8 23.9 35.9

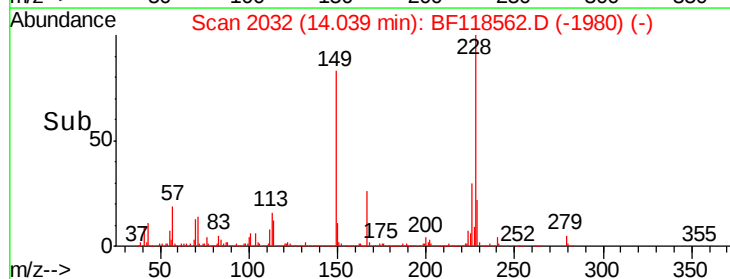
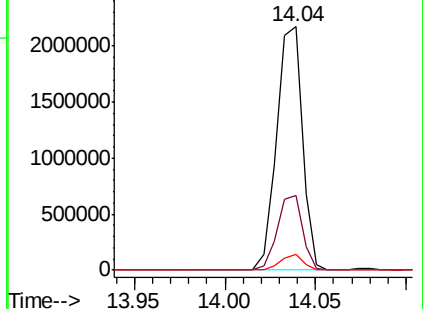
279 6.3 4.2 6.2#

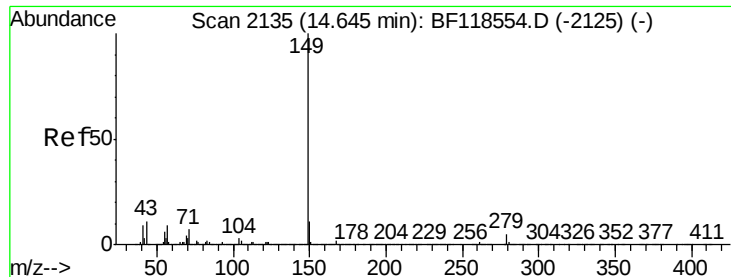


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.427 ng

RT: 14.65 min Scan# 2136

Delta R.T. 0.01 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

Instrument :

BNA\_F

ClientSampleId :

PB126158BS

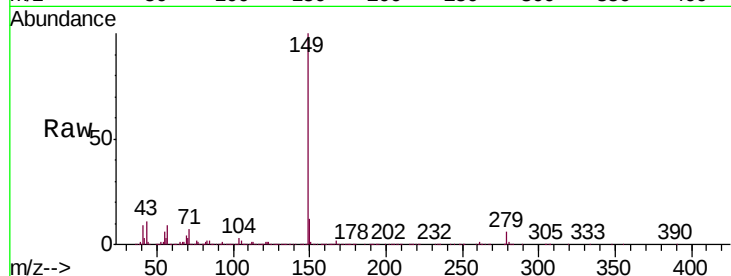
Tgt Ion:149 Resp: 3386957

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

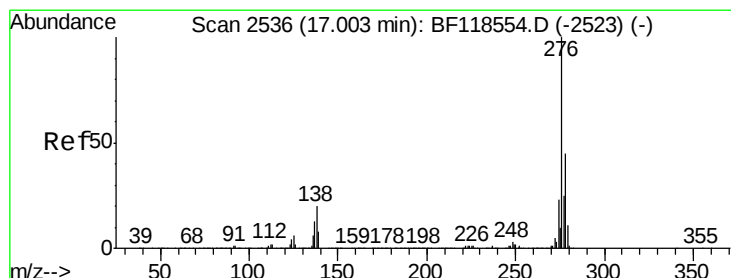
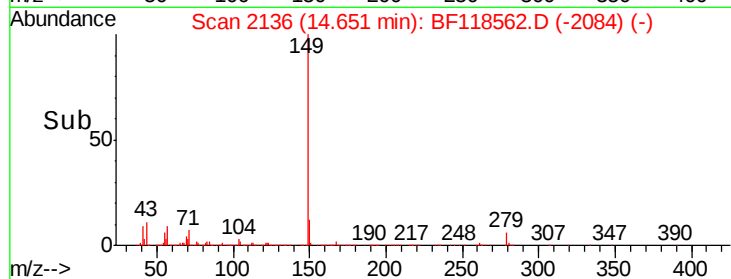
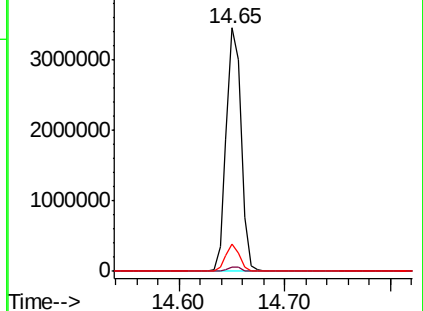
43 10.4 8.9 13.3



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: 36.055 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.01 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

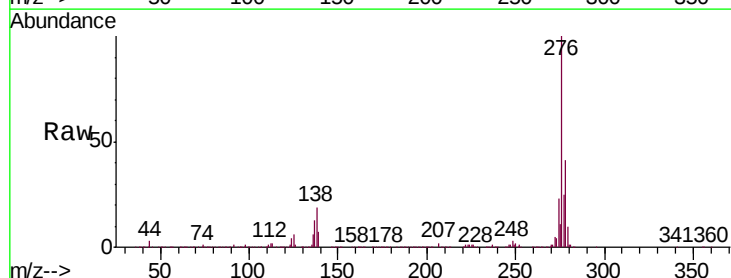
Tgt Ion:276 Resp: 2762777

Ion Ratio Lower Upper

276 100

138 21.8 17.3 25.9

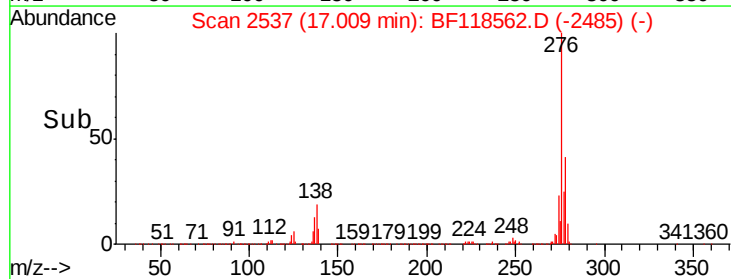
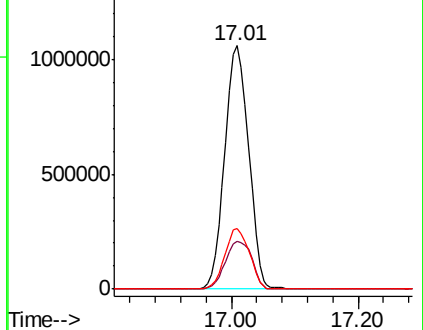
277 25.6 20.5 30.7

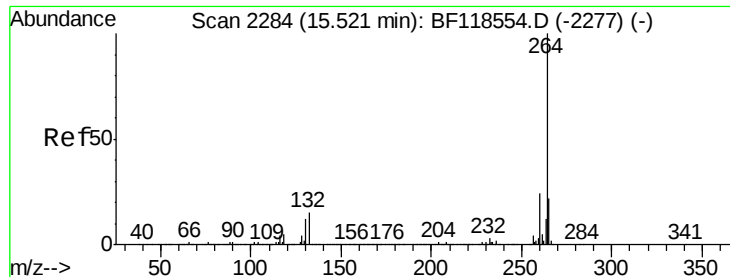


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.53 min Scan# 2285

Delta R.T. 0.01 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

Instrument :

BNA\_F

ClientSampleId :

PB126158BS

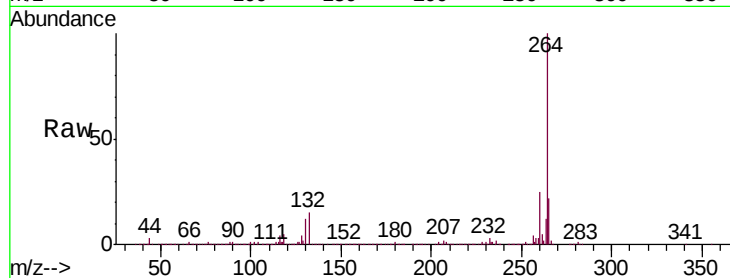
Tgt Ion:264 Resp: 1088392

Ion Ratio Lower Upper

264 100

260 24.8 19.0 28.6

265 22.2 17.6 26.4

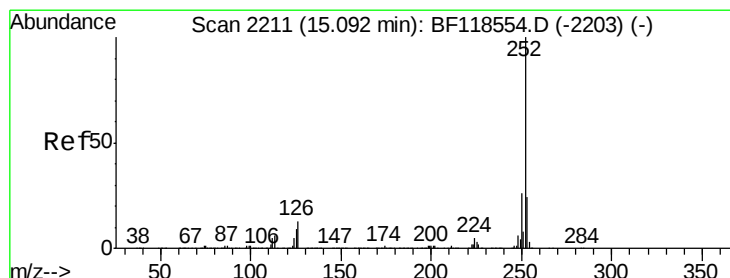
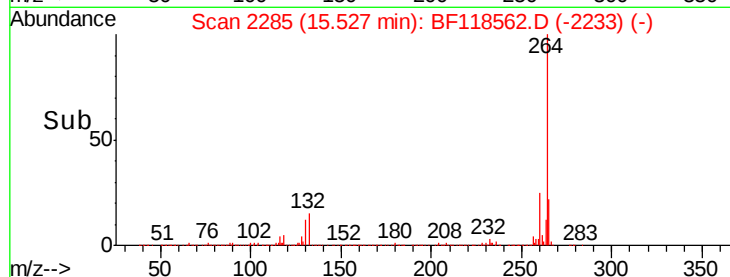
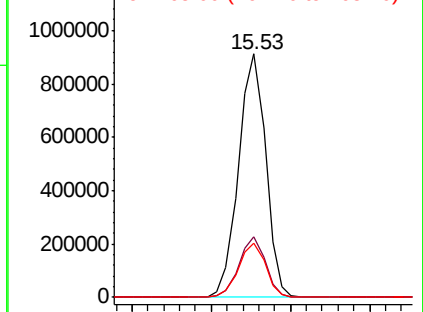


Abundance

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: 44.395 ng

RT: 15.10 min Scan# 2212

Delta R.T. 0.01 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

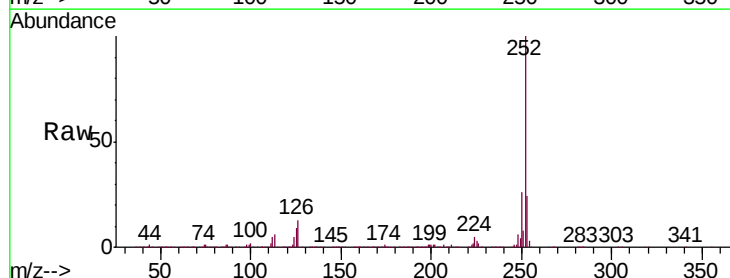
Tgt Ion:252 Resp: 3147051

Ion Ratio Lower Upper

252 100

253 23.9 19.1 28.7

125 9.5 7.5 11.3

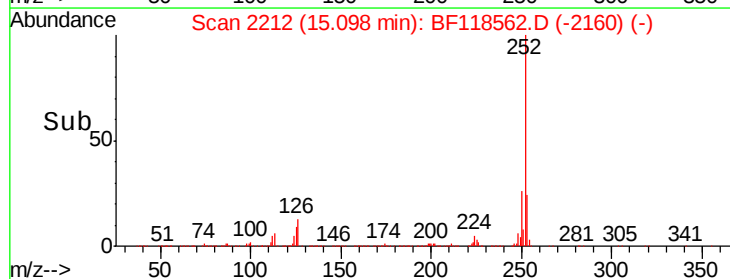
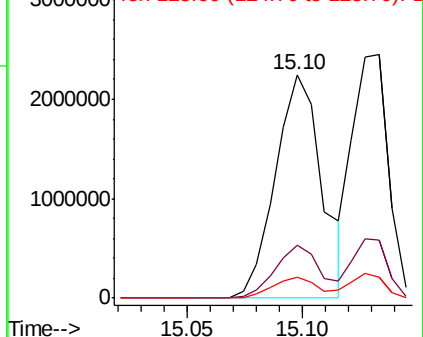


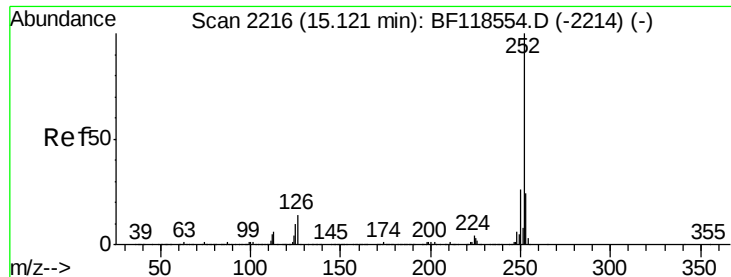
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

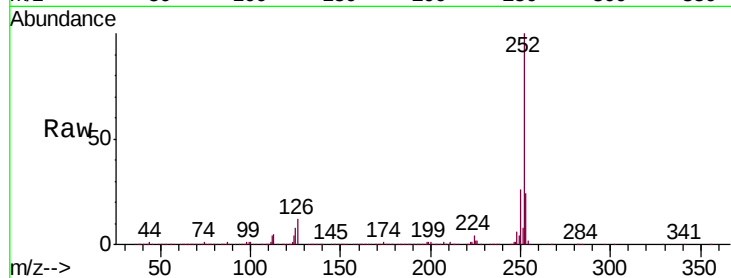




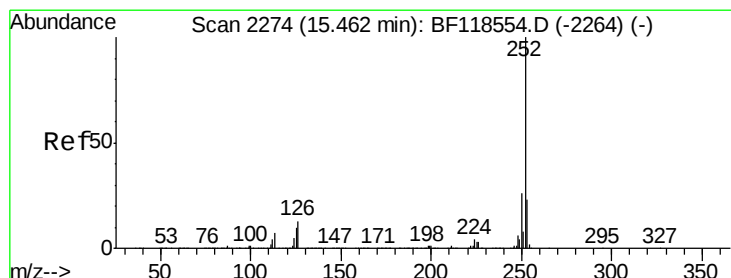
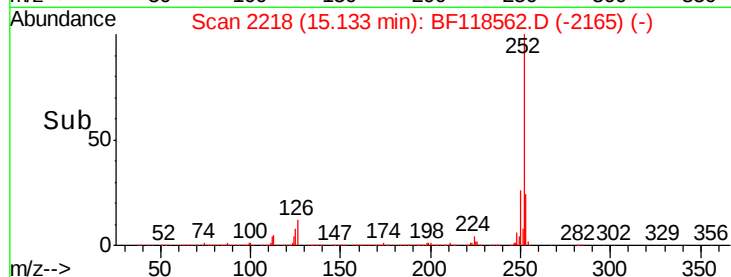
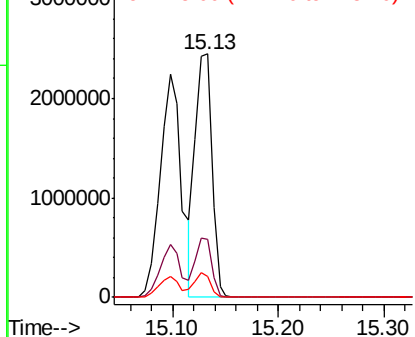
#89  
Benzo(k)fluoranthene  
Concen: 41.580 ng  
RT: 15.13 min Scan# 2218  
Delta R.T. 0.01 min  
Lab File: BF118562.D  
Acq: 17 Jan 2020 16:58

Instrument :  
BNA\_F  
ClientSampleId :  
PB126158BS

Tgt Ion:252 Resp: 2663873  
Ion Ratio Lower Upper  
252 100  
253 23.6 19.0 28.4  
125 8.3 7.8 11.8

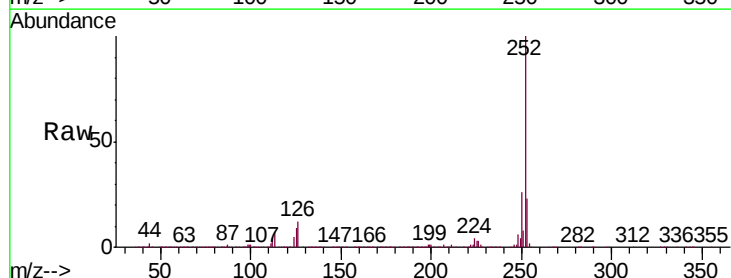


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

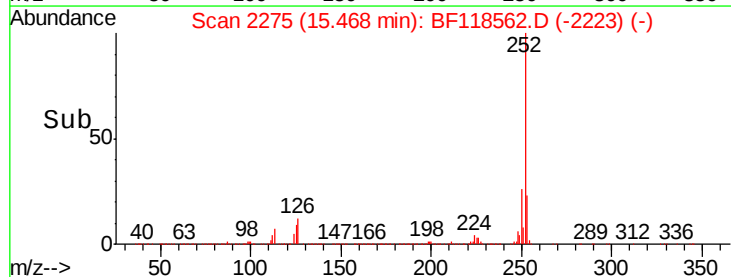
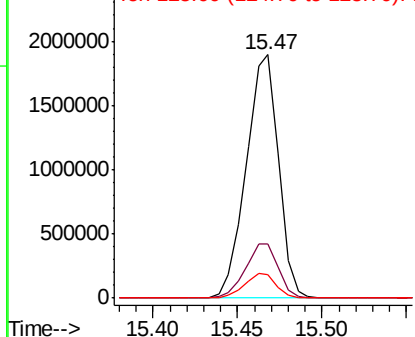


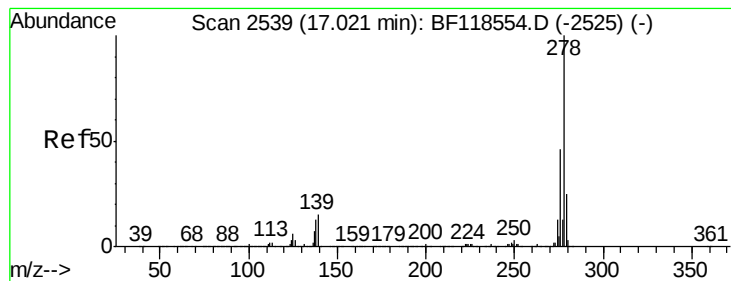
#90  
Benzo(a)pyrene  
Concen: 41.076 ng  
RT: 15.47 min Scan# 2275  
Delta R.T. 0.01 min  
Lab File: BF118562.D  
Acq: 17 Jan 2020 16:58

Tgt Ion:252 Resp: 2533640  
Ion Ratio Lower Upper  
252 100  
253 22.5 18.3 27.5  
125 9.4 7.8 11.6



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





#91

Dibenzo(a,h)anthracene

Concen: 40.249 ng

RT: 17.03 min Scan# 2540

Delta R.T. 0.01 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

Instrument :

BNA\_F

ClientSampleId :

PB126158BS

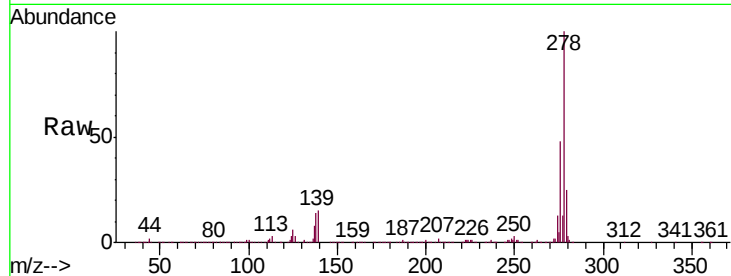
Tgt Ion:278 Resp: 2318729

Ion Ratio Lower Upper

278 100

139 14.9 11.7 17.5

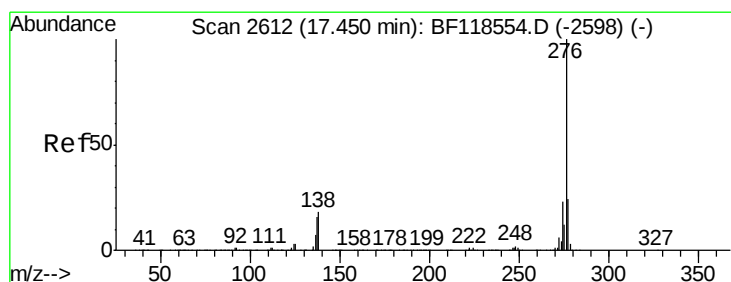
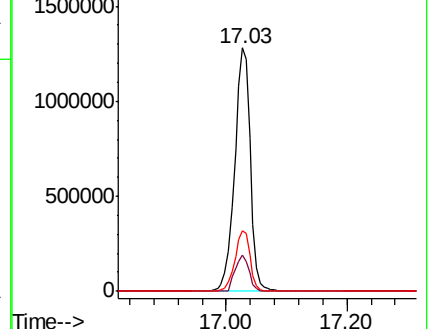
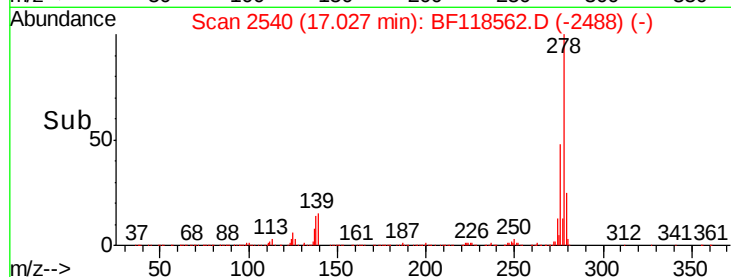
279 24.9 20.0 30.0



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: 40.336 ng

RT: 17.46 min Scan# 2613

Delta R.T. 0.01 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

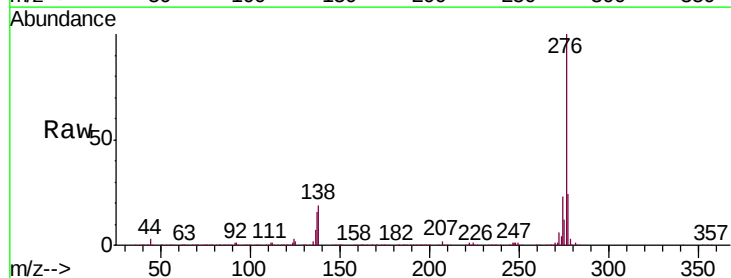
Tgt Ion:276 Resp: 2244559

Ion Ratio Lower Upper

276 100

277 24.4 19.1 28.7

138 18.8 14.7 22.1



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

