

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\  
 Data File : BF118774.D  
 Acq On : 31 Jan 2020 11:33  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jan 31 22:02:13 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 27 14:24:10 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.83  | 152  | 357863   | 20.00 | ng    | -0.03    |
| 21) Naphthalene-d8        | 8.12  | 136  | 1345893  | 20.00 | ng    | -0.03    |
| 39) Acenaphthene-d10      | 9.87  | 164  | 777695   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10      | 11.36 | 188  | 1428555  | 20.00 | ng    | -0.02    |
| 76) Chrysene-d12          | 14.00 | 240  | 1025377  | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 15.44 | 264  | 941892   | 20.00 | ng    | -0.04    |

|                             |       |     |         |       |    |       |
|-----------------------------|-------|-----|---------|-------|----|-------|
| System Monitoring Compounds |       |     |         |       |    |       |
| 5) 2-Fluorophenol           | 5.45  | 112 | 1543529 | 80.11 | ng | -0.03 |
| 7) Phenol-d6                | 6.47  | 99  | 1942259 | 77.55 | ng | -0.02 |
| 23) Nitrobenzene-d5         | 7.40  | 82  | 1828540 | 75.99 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol    | 10.66 | 330 | 780911  | 86.82 | ng | -0.02 |
| 45) 2-Fluorobiphenyl        | 9.19  | 172 | 3458933 | 73.10 | ng | -0.03 |
| 79) Terphenyl-d14           | 12.94 | 244 | 4226892 | 89.91 | ng | -0.02 |

|                                |      |     |         |        |    |     |
|--------------------------------|------|-----|---------|--------|----|-----|
| Target Compounds               |      |     |         | Qvalue |    |     |
| 2) 1,4-Dioxane                 | 2.56 | 88  | 342345  | 36.683 | ng | 99  |
| 3) Pyridine                    | 3.31 | 79  | 972416  | 36.968 | ng | 99  |
| 4) n-Nitrosodimethylamine      | 3.26 | 42  | 320092  | 28.384 | ng | 95  |
| 6) Aniline                     | 6.50 | 93  | 1247723 | 37.836 | ng | 99  |
| 8) 2-Chlorophenol              | 6.62 | 128 | 877521  | 40.574 | ng | 97  |
| 9) Benzaldehyde                | 6.38 | 77  | 560096  | 36.774 | ng | 100 |
| 10) Phenol                     | 6.48 | 94  | 1066123 | 37.355 | ng | 88  |
| 11) bis(2-Chloroethyl)ether    | 6.57 | 93  | 835945  | 39.477 | ng | 98  |
| 12) 1,3-Dichlorobenzene        | 6.77 | 146 | 1029819 | 40.682 | ng | 99  |
| 13) 1,4-Dichlorobenzene        | 6.85 | 146 | 1028774 | 40.486 | ng | 98  |
| 14) 1,2-Dichlorobenzene        | 7.00 | 146 | 952017  | 39.854 | ng | 99  |
| 15) Benzyl Alcohol             | 6.97 | 79  | 777790  | 39.163 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.11 | 45  | 1045731 | 35.455 | ng | 98  |
| 17) 2-Methylphenol             | 7.09 | 107 | 730995  | 40.577 | ng | 99  |
| 18) Hexachloroethane           | 7.35 | 117 | 379827  | 41.222 | ng | 98  |
| 19) n-Nitroso-di-n-propylamine | 7.25 | 70  | 608088  | 35.960 | ng | 99  |
| 20) 3+4-Methylphenols          | 7.24 | 107 | 827851  | 37.638 | ng | 93  |
| 22) Acetophenone               | 7.25 | 105 | 1157893 | 36.317 | ng | 97  |
| 24) Nitrobenzene               | 7.42 | 77  | 907612  | 36.838 | ng | 98  |
| 25) Isophorone                 | 7.66 | 82  | 1684108 | 38.373 | ng | 99  |
| 26) 2-Nitrophenol              | 7.73 | 139 | 498227  | 47.420 | ng | 96  |
| 27) 2,4-Dimethylphenol         | 7.77 | 122 | 668207  | 36.830 | ng | 99  |
| 28) bis(2-Chloroethoxy)methane | 7.86 | 93  | 1102299 | 38.979 | ng | 99  |
| 29) 2,4-Dichlorophenol         | 7.97 | 162 | 809769  | 40.375 | ng | 99  |
| 30) 1,2,4-Trichlorobenzene     | 8.06 | 180 | 945313  | 40.650 | ng | 99  |
| 31) Naphthalene                | 8.14 | 128 | 2502781 | 41.165 | ng | 99  |
| 32) Benzoic acid               | 7.90 | 122 | 560566  | 41.169 | ng | 95  |
| 33) 4-Chloroaniline            | 8.18 | 127 | 1139341 | 40.544 | ng | 98  |
| 34) Hexachlorobutadiene        | 8.26 | 225 | 583378  | 41.194 | ng | 98  |
| 35) Caprolactam                | 8.57 | 113 | 237961  | 36.255 | ng | 99  |
| 36) 4-Chloro-3-methylphenol    | 8.67 | 107 | 824825  | 41.646 | ng | 99  |
| 37) 2-Methylnaphthalene        | 8.83 | 142 | 1775478 | 41.372 | ng | 99  |
| 38) 1-Methylnaphthalene        | 8.93 | 142 | 1670255 | 40.966 | ng | 100 |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.00 | 216 | 957557  | 39.351 | ng | 99  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\  
 Data File : BF118774.D  
 Acq On : 31 Jan 2020 11:33  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

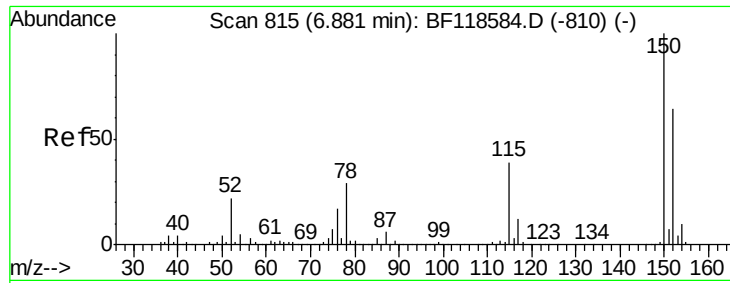
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jan 31 22:02:13 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 27 14:24:10 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.99  | 237  | 481447   | 39.215 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol      | 9.10  | 196  | 656562   | 40.661 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.15  | 196  | 675744   | 40.976 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 9.29  | 154  | 2207111  | 41.178 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 9.32  | 162  | 1821422  | 40.318 | ng    | 98       |
| 48) 2-Nitroaniline             | 9.41  | 65   | 544716   | 39.224 | ng    | 99       |
| 49) Acenaphthylene             | 9.73  | 152  | 2648225  | 41.668 | ng    | 98       |
| 50) Dimethylphthalate          | 9.60  | 163  | 2205711  | 43.533 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.66  | 165  | 509490   | 44.905 | ng    | 91       |
| 52) Acenaphthene               | 9.91  | 154  | 1761590  | 41.452 | ng    | 100      |
| 53) 3-Nitroaniline             | 9.82  | 138  | 568898   | 43.912 | ng    | 100      |
| 54) 2,4-Dinitrophenol          | 9.93  | 184  | 260192   | 57.443 | ng    | # 92     |
| 55) Dibenzofuran               | 10.08 | 168  | 2390613  | 40.592 | ng    | 100      |
| 56) 4-Nitrophenol              | 9.98  | 139  | 409105   | 41.830 | ng    | 100      |
| 57) 2,4-Dinitrotoluene         | 10.06 | 165  | 684232   | 47.838 | ng    | 96       |
| 58) Fluorene                   | 10.42 | 166  | 1826862  | 39.513 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.20 | 232  | 595822   | 41.077 | ng    | 100      |
| 60) Diethylphthalate           | 10.29 | 149  | 2200732  | 44.798 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.41 | 204  | 1017737  | 40.473 | ng    | 94       |
| 62) 4-Nitroaniline             | 10.44 | 138  | 572093   | 43.049 | ng    | 98       |
| 63) Azobenzene                 | 10.57 | 77   | 1861112  | 39.118 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.47 | 198  | 368540   | 58.669 | ng    | 87       |
| 66) n-Nitrosodiphenylamine     | 10.53 | 169  | 1776726  | 41.241 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.90 | 248  | 738081   | 41.819 | ng    | 93       |
| 68) Hexachlorobenzene          | 10.97 | 284  | 826112   | 41.286 | ng    | 98       |
| 69) Atrazine                   | 11.06 | 200  | 610984   | 40.917 | ng    | 99       |
| 70) Pentachlorophenol          | 11.16 | 266  | 460736   | 41.414 | ng    | 99       |
| 71) Phenanthrene               | 11.38 | 178  | 2792927  | 40.524 | ng    | 99       |
| 72) Anthracene                 | 11.43 | 178  | 2841178  | 41.662 | ng    | 98       |
| 73) Carbazole                  | 11.59 | 167  | 2588535  | 41.382 | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.92 | 149  | 3298452  | 47.462 | ng    | 99       |
| 75) Fluoranthene               | 12.57 | 202  | 3059909  | 42.095 | ng    | 99       |
| 77) Benzidine                  | 12.68 | 184  | 1367682  | 49.920 | ng    | 99       |
| 78) Pyrene                     | 12.80 | 202  | 3059005  | 43.942 | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.42 | 149  | 1448736  | 50.850 | ng    | 99       |
| 81) Benzo(a)anthracene         | 13.99 | 228  | 2517313  | 40.811 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 13.94 | 252  | 1073581  | 48.845 | ng    | 99       |
| 83) Chrysene                   | 14.02 | 228  | 2488578  | 42.097 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.97 | 149  | 1827672  | 52.508 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 14.59 | 149  | 2944203  | 57.145 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 16.90 | 276  | 2278623  | 44.361 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 15.03 | 252  | 2449104  | 41.367 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 15.06 | 252  | 2258509  | 41.176 | ng    | 100      |
| 90) Benzo(a)pyrene             | 15.39 | 252  | 2071049  | 40.552 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.92 | 278  | 1860794  | 41.190 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.33 | 276  | 1803697  | 41.121 | ng    | 98       |

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



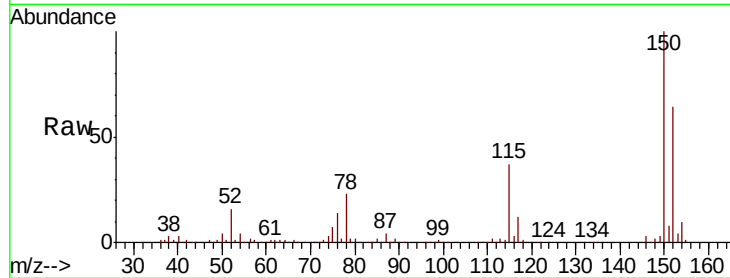


#1

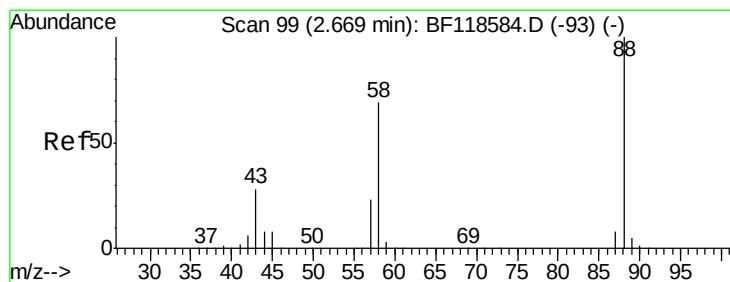
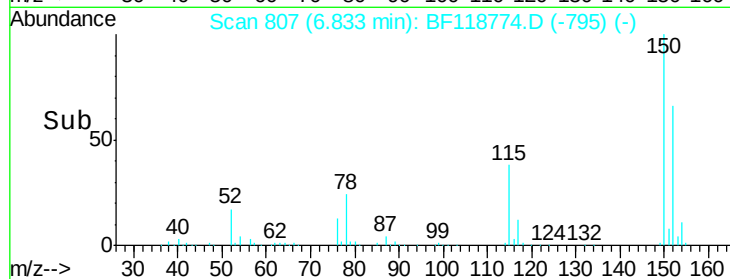
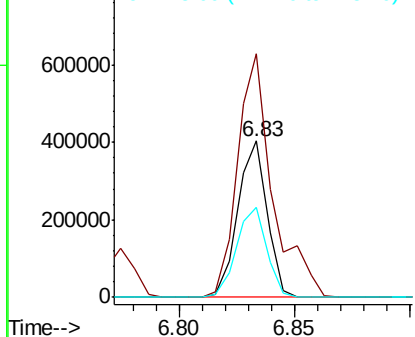
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.83 min Scan# 807  
Delta R.T. -0.03 min  
Lab File: BF118774.D  
Acq: 31 Jan 2020 11:33

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 357863  
Ion Ratio Lower Upper  
152 100  
150 155.9 123.7 185.5  
115 57.9 45.1 67.7



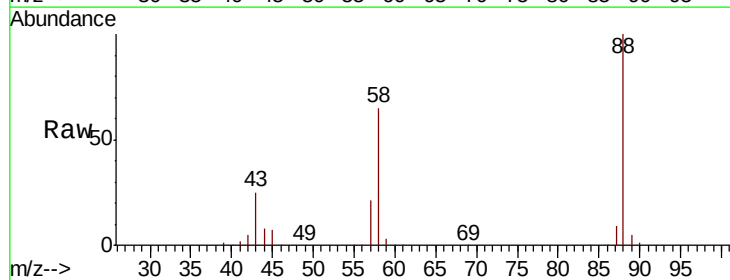
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



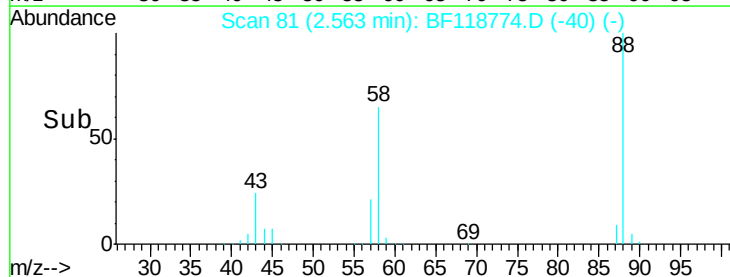
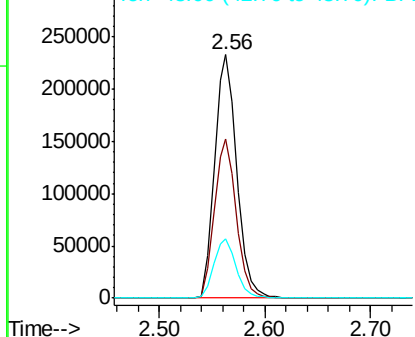
#2

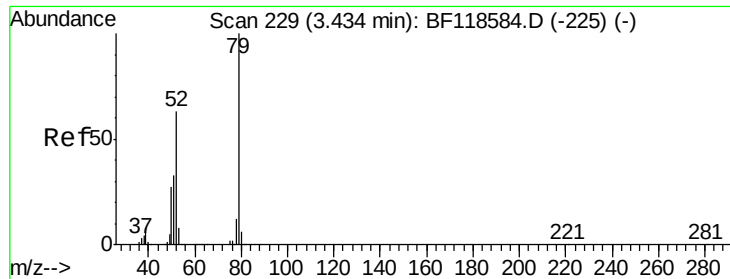
1,4-Dioxane  
Concen: 36.683 ng  
RT: 2.56 min Scan# 81  
Delta R.T. -0.06 min  
Lab File: BF118774.D  
Acq: 31 Jan 2020 11:33

Tgt Ion: 88 Resp: 342345  
Ion Ratio Lower Upper  
88 100  
58 64.4 51.9 77.9  
43 24.6 19.3 28.9



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

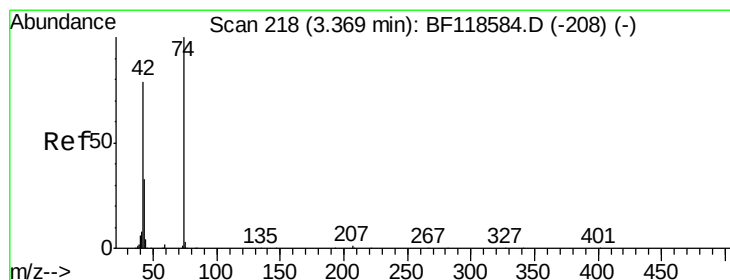
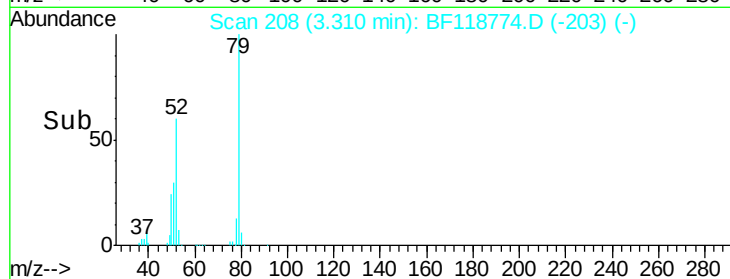
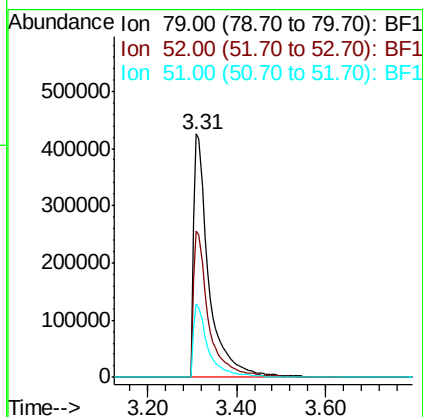
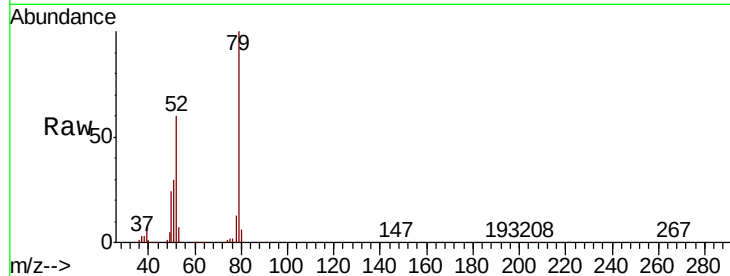




#3  
 Pvridine  
 Concen: 36.968 ng  
 RT: 3.31 min Scan# 208  
 Delta R.T. -0.07 min  
 Lab File: BF118774.D  
 Acq: 31 Jan 2020 11:33

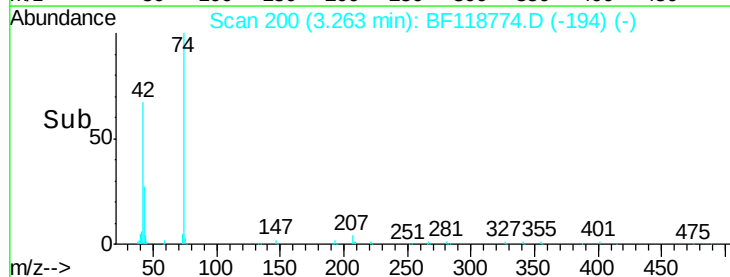
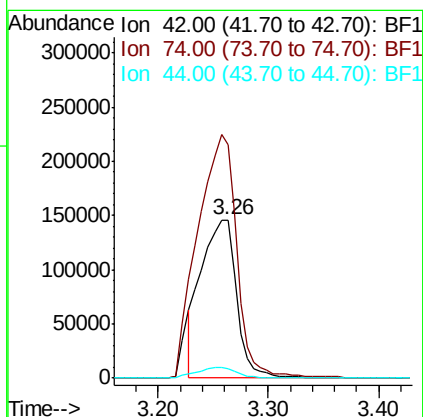
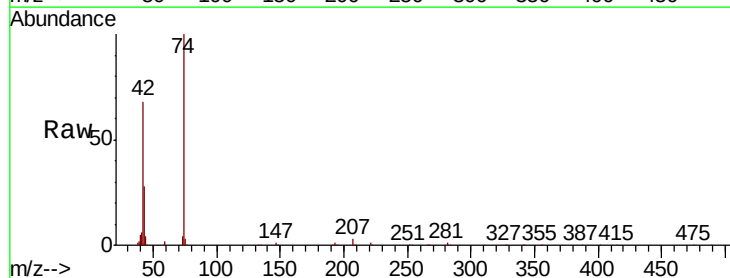
Instrument :  
 BNA\_F  
 ClientSampleId :

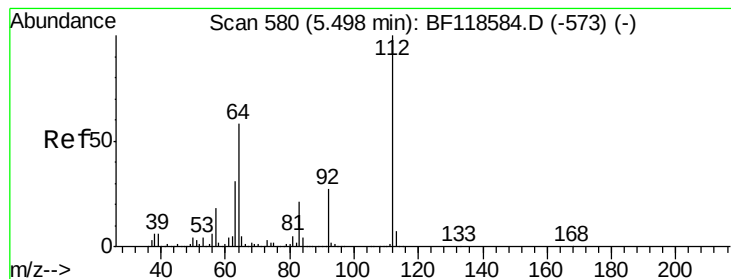
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 59.9  | 48.8  | 73.2  |
| 51      | 30.3  | 24.4  | 36.6  |



#4  
 n-Nitrosodimethylamine  
 Concen: 28.384 ng  
 RT: 3.26 min Scan# 200  
 Delta R.T. -0.06 min  
 Lab File: BF118774.D  
 Acq: 31 Jan 2020 11:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 147.4 | 123.5 | 185.3 |
| 44      | 6.2   | 5.6   | 8.4   |

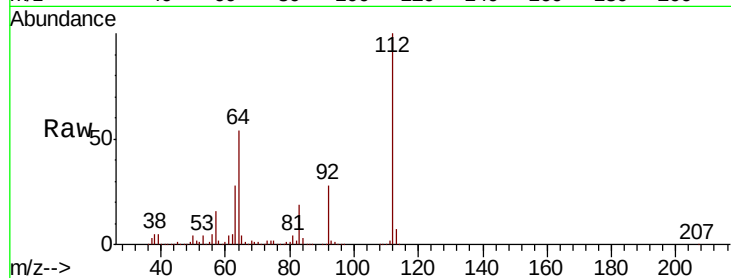




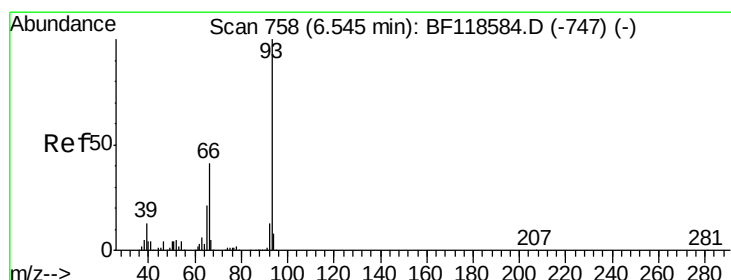
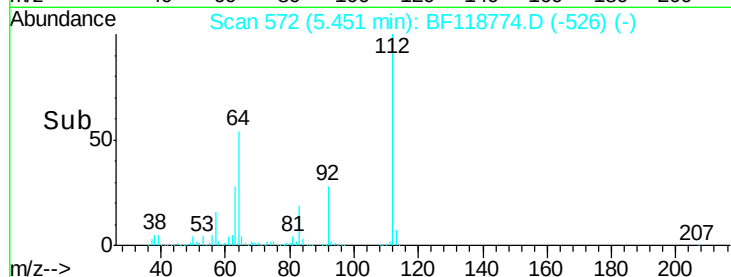
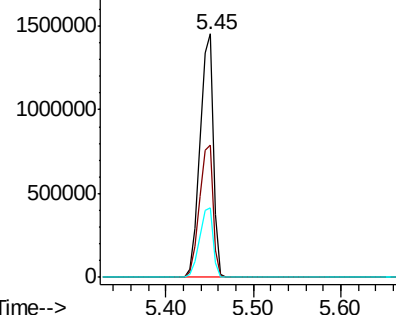
#5  
2-Fluorophenol  
Concen: 80.107 ng  
RT: 5.45 min Scan# 572  
Delta R.T. -0.03 min  
Lab File: BF118774.D  
Acq: 31 Jan 2020 11:33

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:112 Resp: 1543529  
Ion Ratio Lower Upper  
112 100  
64 54.1 42.4 63.6  
63 28.4 21.7 32.5

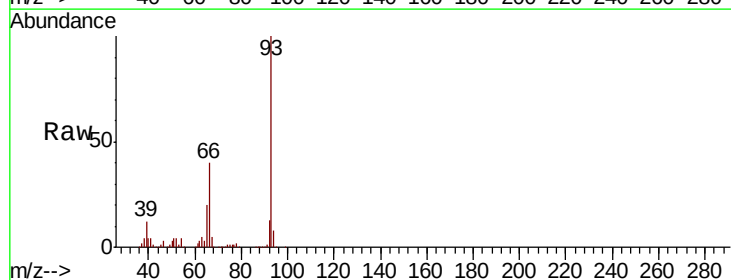


Abundance Ion 112.00 (111.70 to 112.70): BF1  
2000000  
Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1

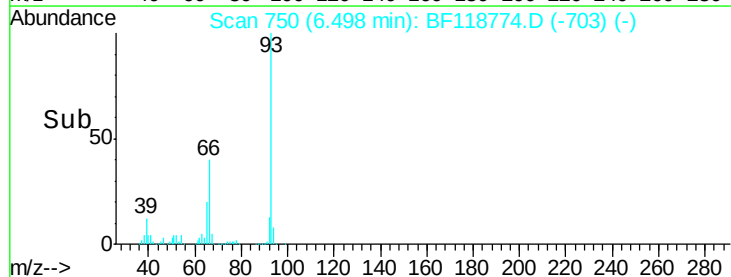
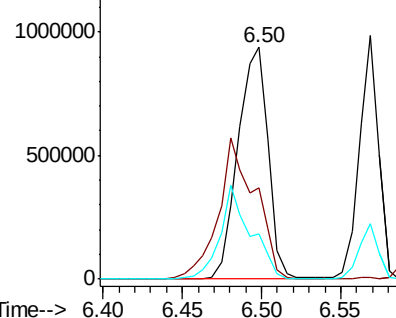


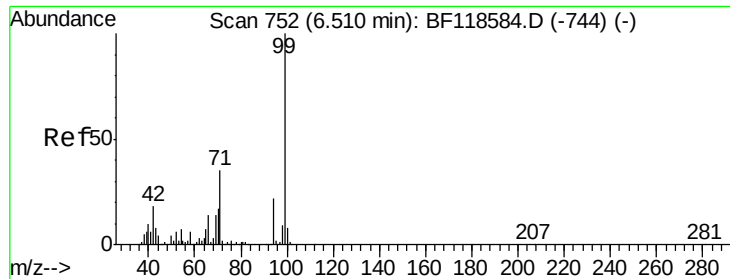
#6  
Aniline  
Concen: 37.836 ng  
RT: 6.50 min Scan# 750  
Delta R.T. -0.02 min  
Lab File: BF118774.D  
Acq: 31 Jan 2020 11:33

Tgt Ion: 93 Resp: 1247723  
Ion Ratio Lower Upper  
93 100  
66 39.6 31.3 46.9  
65 19.7 15.3 22.9



Abundance Ion 93.00 (92.70 to 93.70): BF1  
1000000  
Ion 66.00 (65.70 to 66.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.554 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

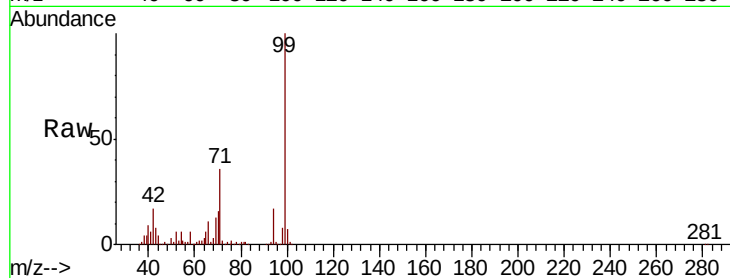
Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 99 Resp: 1942259

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.7  | 13.1  | 19.7  |
| 71  | 36.0  | 28.4  | 42.6  |

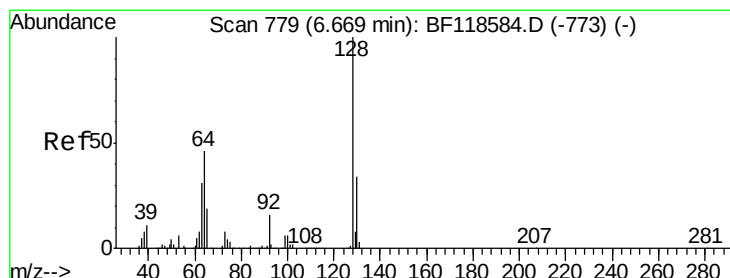
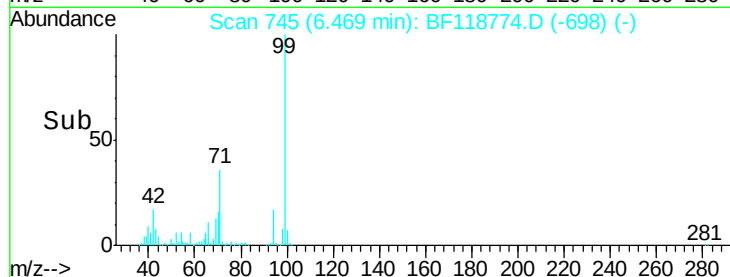
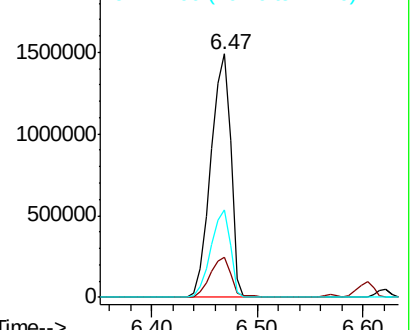


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.574 ng

RT: 6.62 min Scan# 771

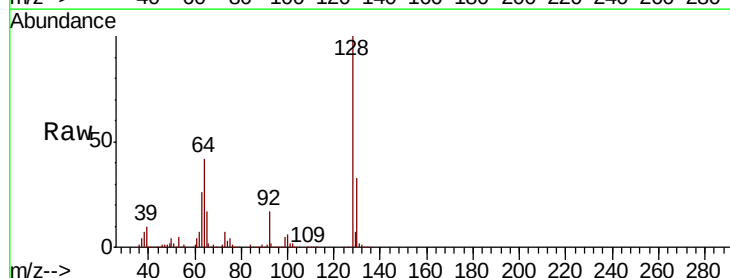
Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Tgt Ion: 128 Resp: 877521

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 33.5  | 12.8  | 52.8  |
| 64  | 41.5  | 24.5  | 64.5  |

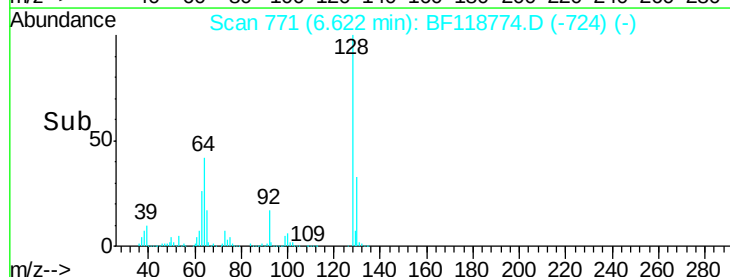
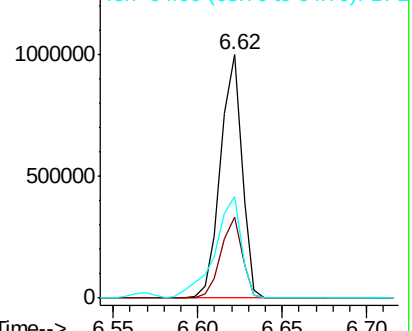


Abundance

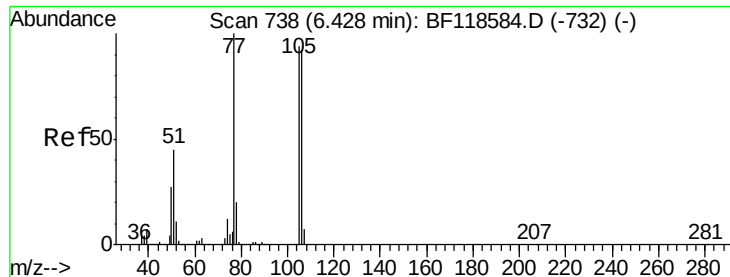
Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1







#9

Benzaldehyde

Concen: 36.774 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.03 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Instrument :

BNA\_F

ClientSampleId :

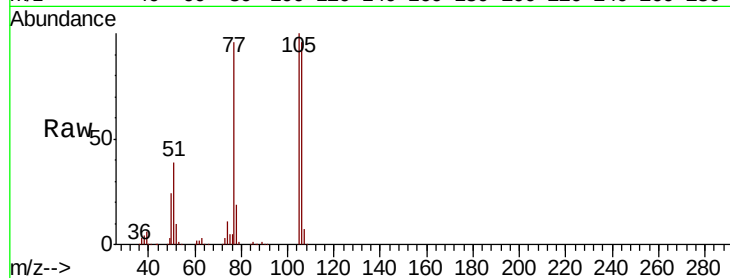
Tot Ion: 77 Resp: 560096

Ion Ratio Lower Upper

77 100

105 104.2 84.3 124.3

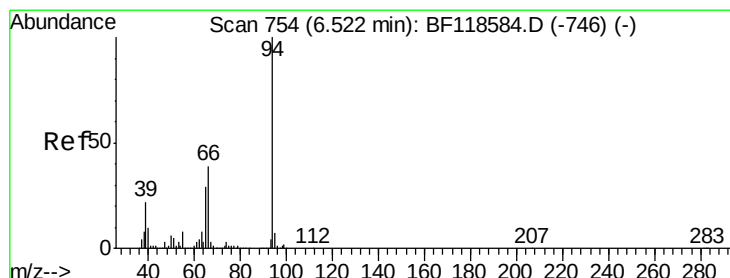
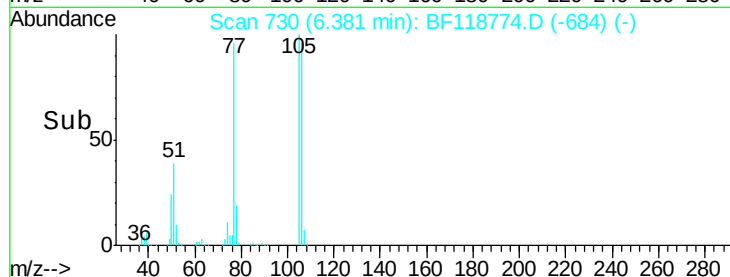
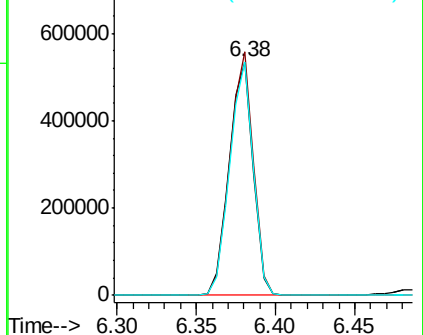
106 100.1 80.4 120.4



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: 37.355 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

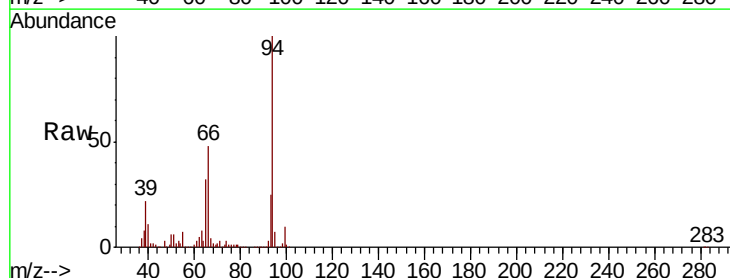
Tgt Ion: 94 Resp: 1066123

Ion Ratio Lower Upper

94 100

65 32.0 7.9 47.9

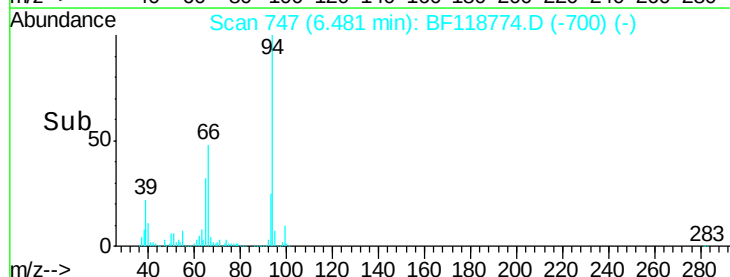
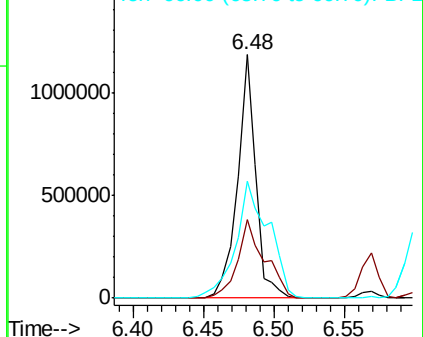
66 48.1 19.1 59.1



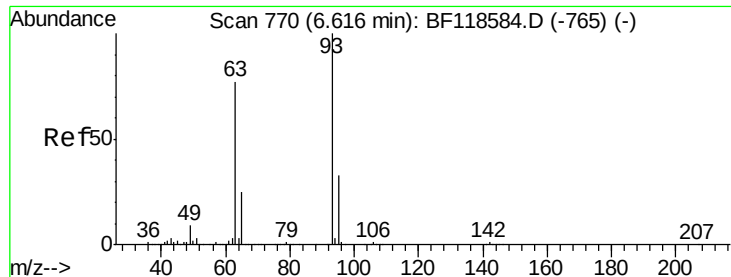
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1







#11

bis(2-Chloroethyl)ether

Concen: 39.477 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Instrument :

BNA\_F

ClientSampleId :

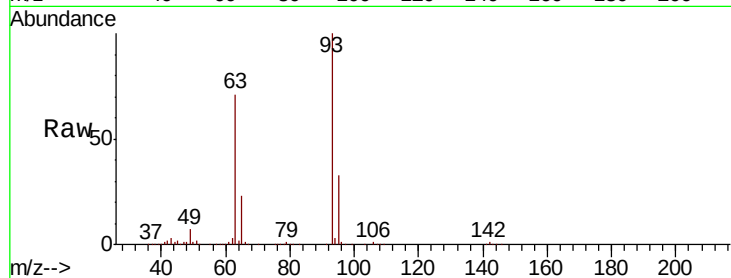
Tot Ion: 93 Resp: 835945

Ion Ratio Lower Upper

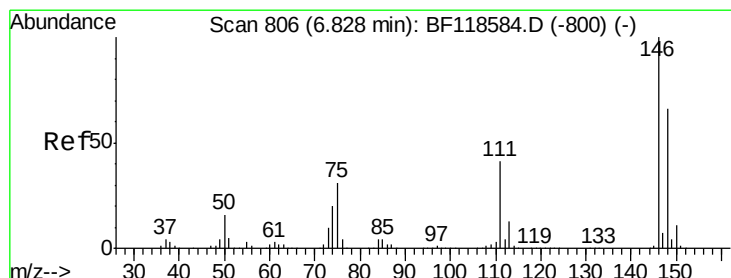
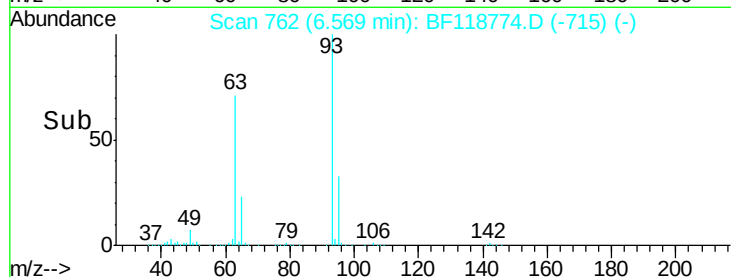
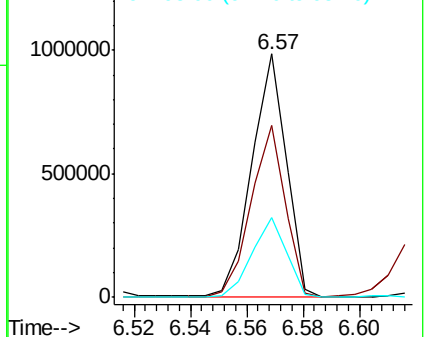
93 100

63 70.5 52.1 92.1

95 32.8 13.2 53.2



Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 40.682 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.03 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

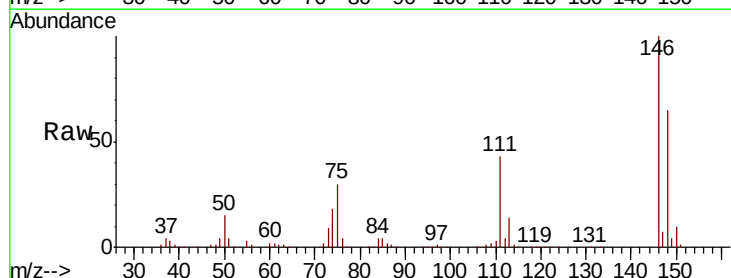
Tgt Ion: 146 Resp: 1029819

Ion Ratio Lower Upper

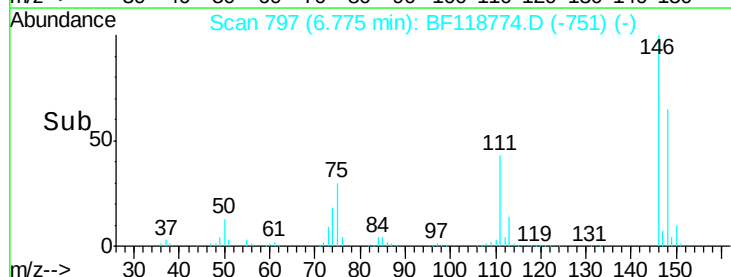
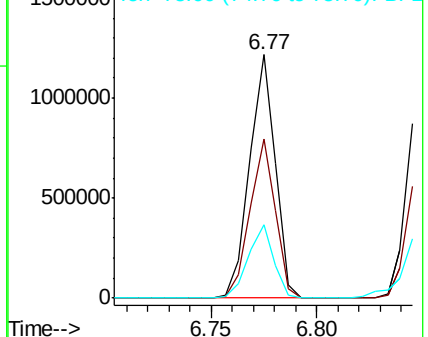
146 100

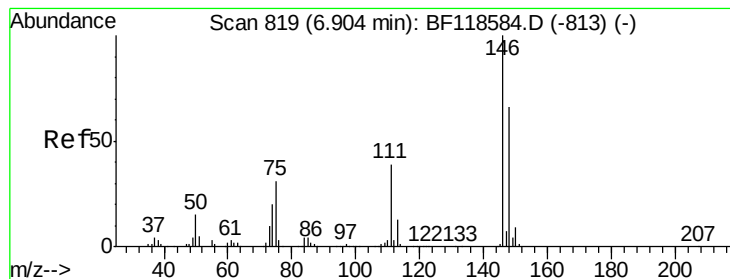
148 65.3 52.2 78.4

75 30.2 23.1 34.7



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 40.486 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.03 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Instrument :

BNA\_F

ClientSampleId :

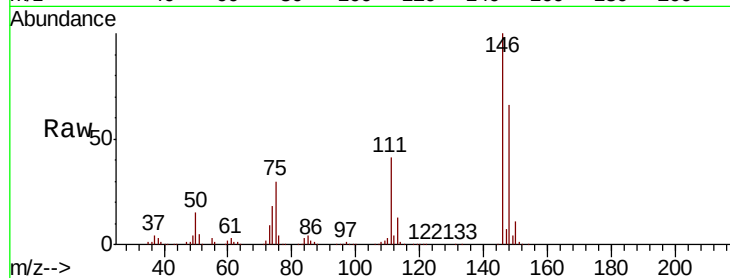
Tot Ion:146 Resp: 1028774

Ion Ratio Lower Upper

146 100

148 66.4 51.5 77.3

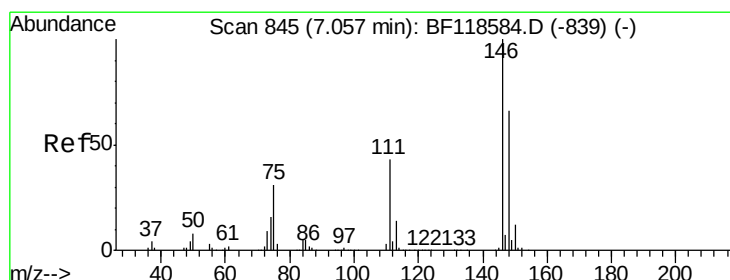
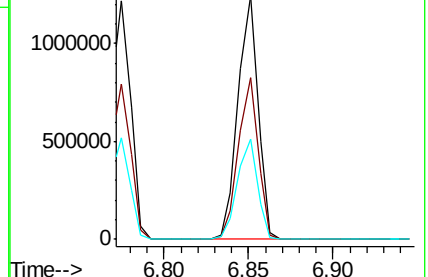
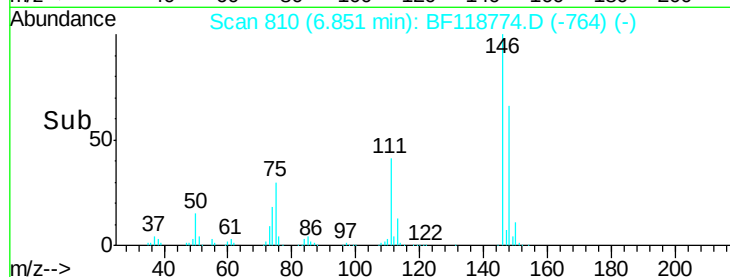
111 41.0 31.8 47.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.854 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.03 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

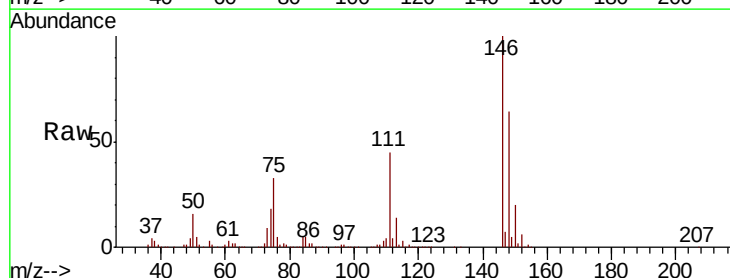
Tgt Ion:146 Resp: 952017

Ion Ratio Lower Upper

146 100

148 64.4 51.7 77.5

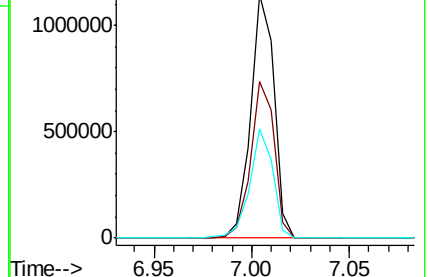
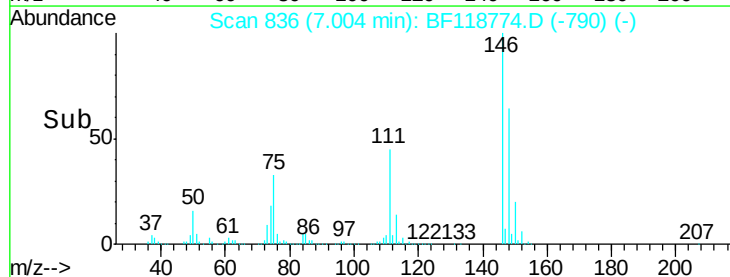
111 45.0 35.3 52.9

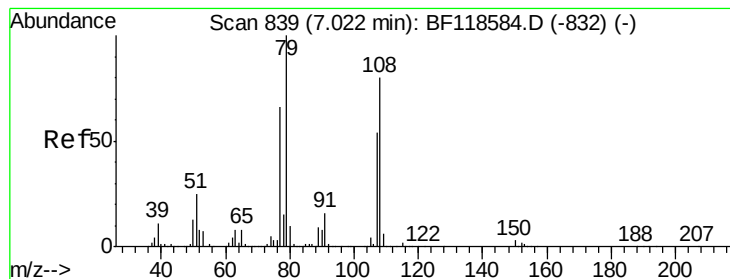


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.163 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Instrument :

BNA\_F

ClientSampled :

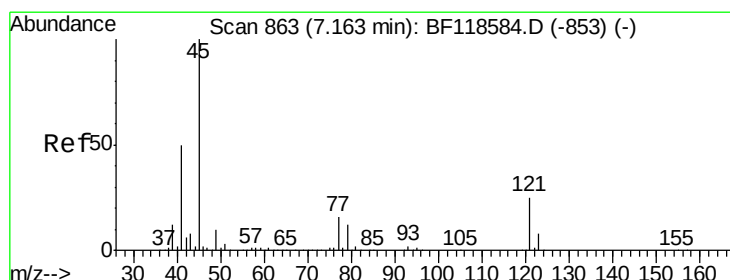
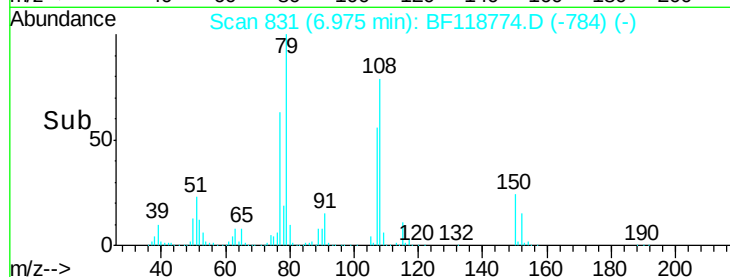
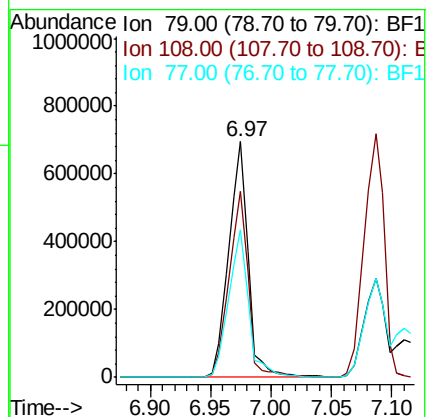
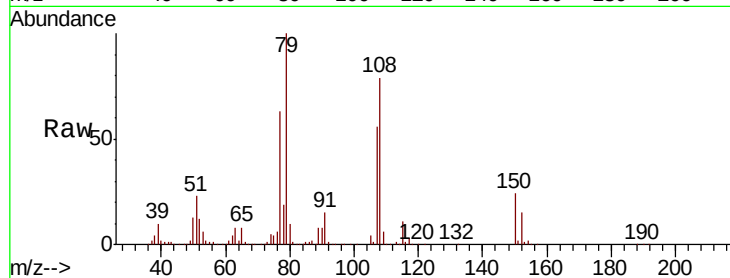
Tot Ion: 79 Resp: 777790

Ion Ratio Lower Upper

79 100

108 79.1 63.4 95.2

77 62.6 49.8 74.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.455 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

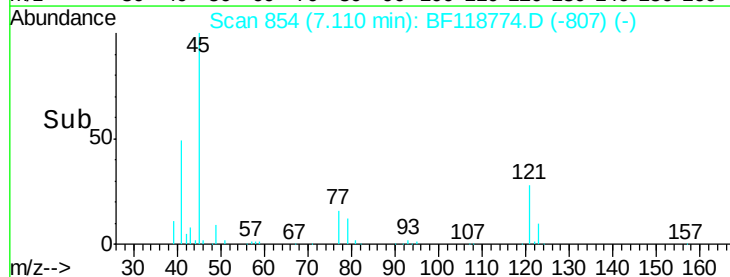
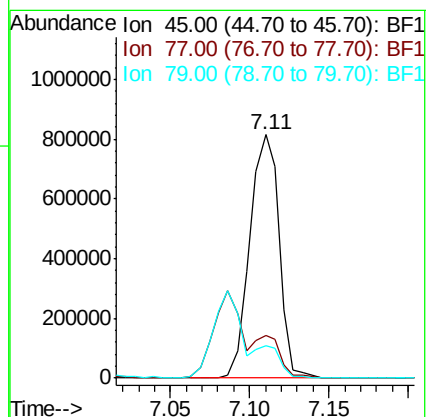
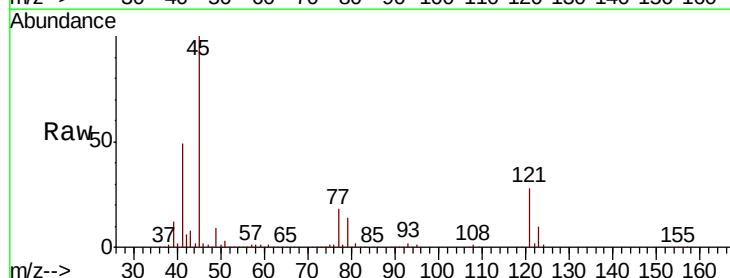
Tgt Ion: 45 Resp: 1045731

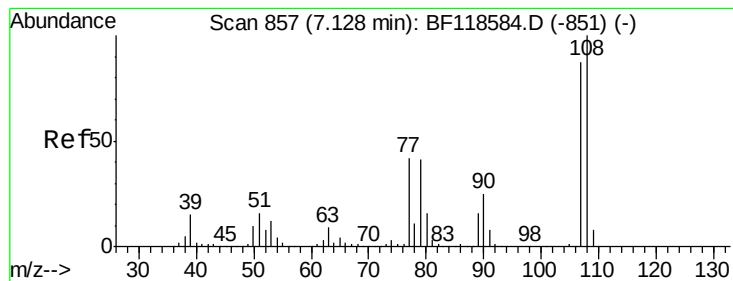
Ion Ratio Lower Upper

45 100

77 17.7 0.0 36.9

79 13.5 0.0 32.5

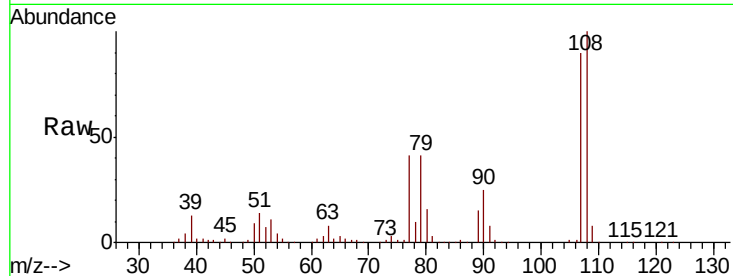




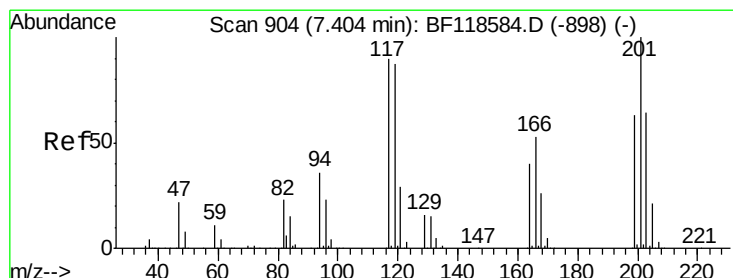
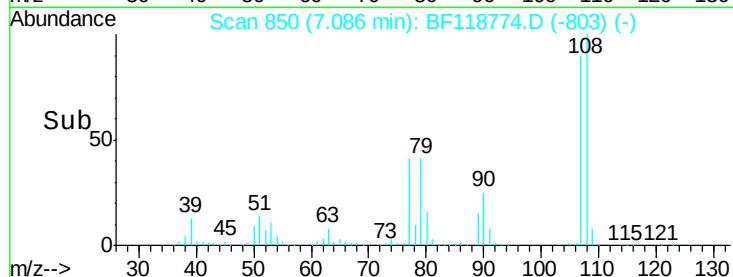
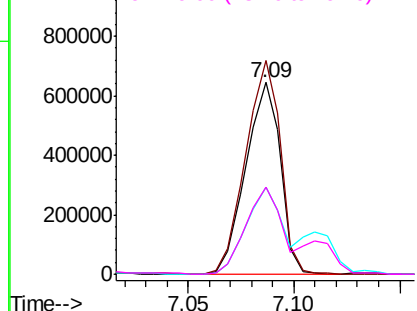
#17  
2-Methylphenol  
Concen: 40.577 ng  
RT: 7.09 min Scan# 850  
Delta R.T. -0.02 min  
Lab File: BF118774.D  
Acq: 31 Jan 2020 11:33

Instrument :  
BNA\_F  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 730995 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 111.3 | 88.0  | 132.0  |
| 77       | 45.3  | 35.3  | 52.9   |
| 79       | 45.3  | 35.4  | 53.2   |

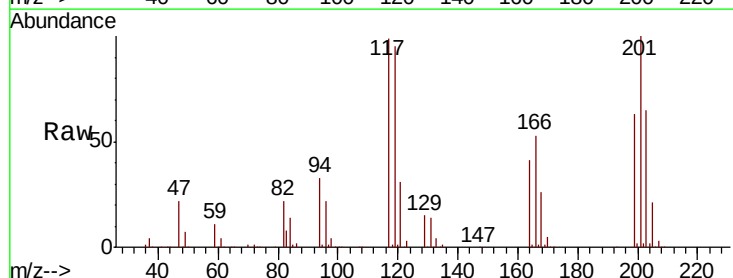


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

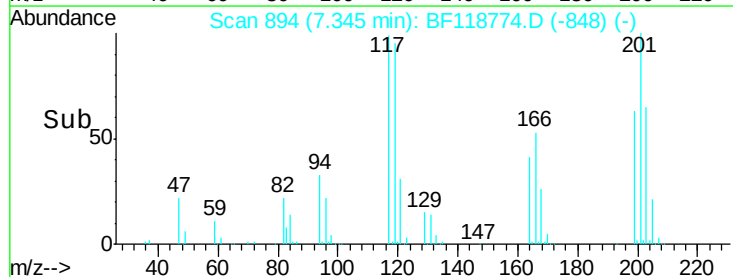
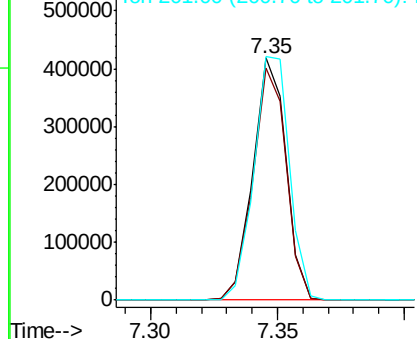


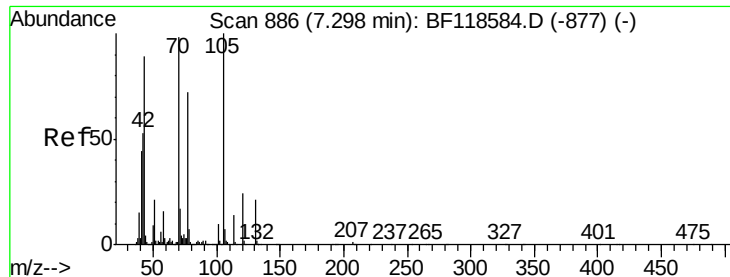
#18  
Hexachloroethane  
Concen: 41.222 ng  
RT: 7.35 min Scan# 894  
Delta R.T. -0.03 min  
Lab File: BF118774.D  
Acq: 31 Jan 2020 11:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 379827 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.7  | 76.2  | 114.2  |
| 201      | 100.5 | 83.3  | 124.9  |



Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E

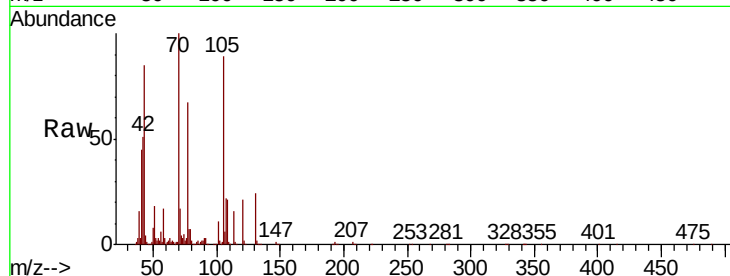




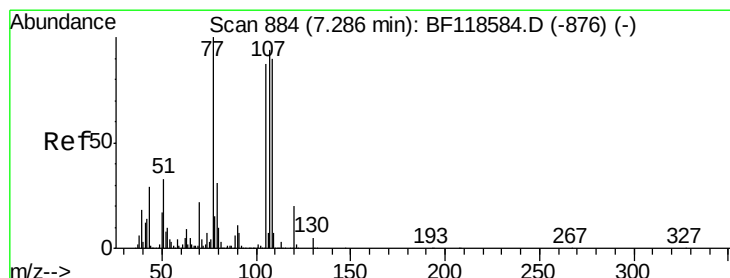
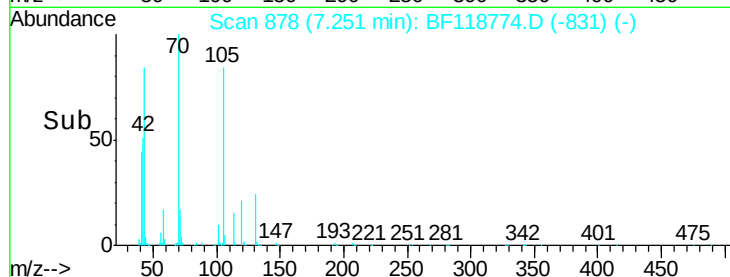
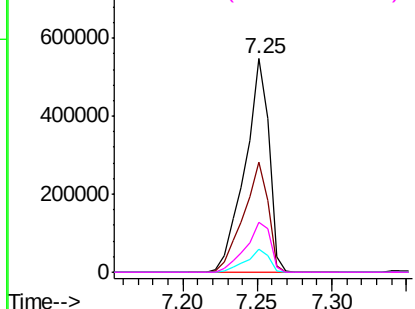
#19  
n-Nitroso-di-n-propylamine  
Concen: 35.960 ng  
RT: 7.25 min Scan# 878  
Delta R.T. -0.02 min  
Lab File: BF118774.D  
Acq: 31 Jan 2020 11:33

Instrument :  
BNA\_F  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 608088 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 51.3  | 41.6  | 62.4   |
| 101      | 10.5  | 7.9   | 11.9   |
| 130      | 23.6  | 19.0  | 28.6   |

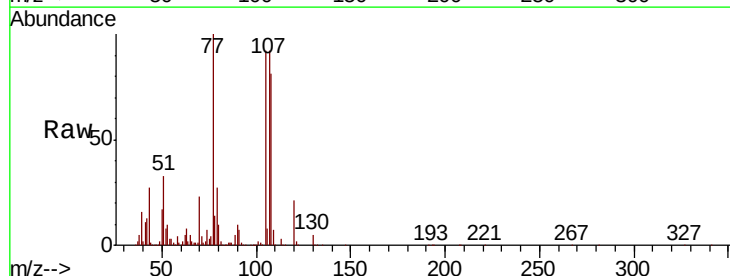


Abundance Ion 70.00 (69.70 to 70.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 101.00 (100.70 to 101.70): E  
Ion 130.00 (129.70 to 130.70): E

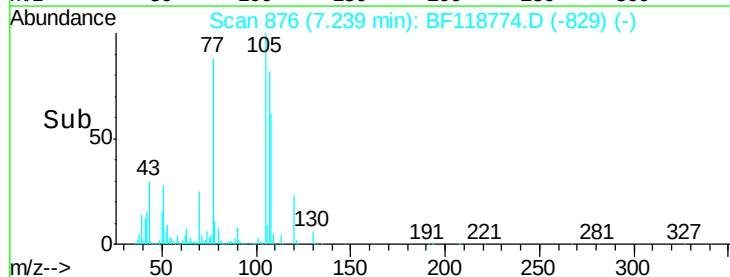
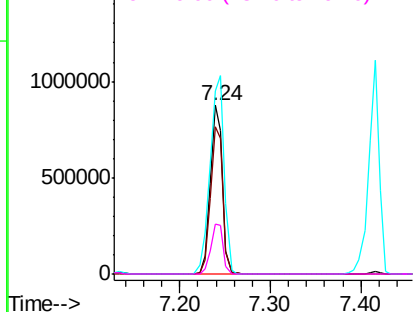


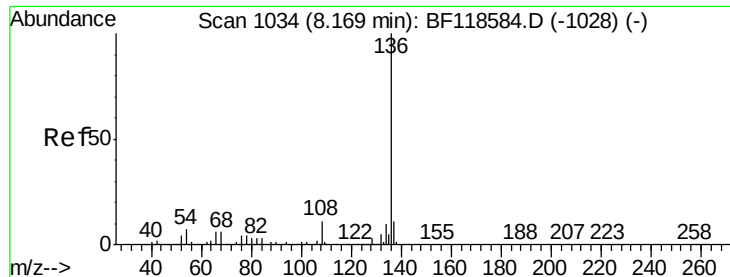
#20  
3+4-Methylphenols  
Concen: 37.638 ng  
RT: 7.24 min Scan# 876  
Delta R.T. -0.02 min  
Lab File: BF118774.D  
Acq: 31 Jan 2020 11:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 827851 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 87.4  | 67.5  | 107.5  |
| 77       | 108.2 | 73.6  | 113.6  |
| 79       | 29.7  | 9.3   | 49.3   |



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

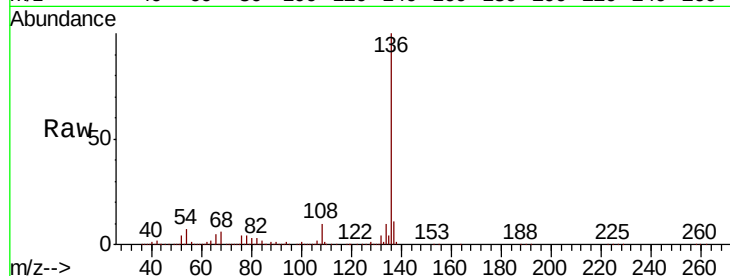




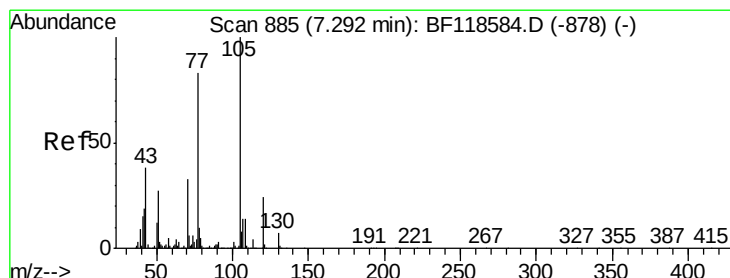
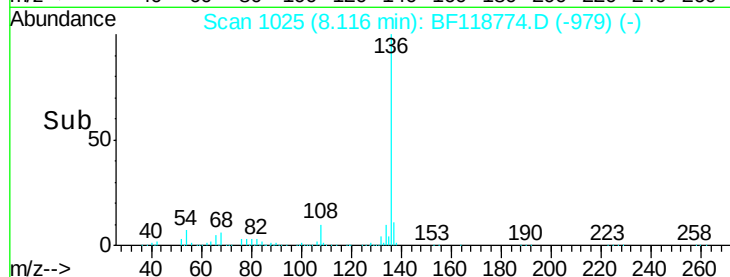
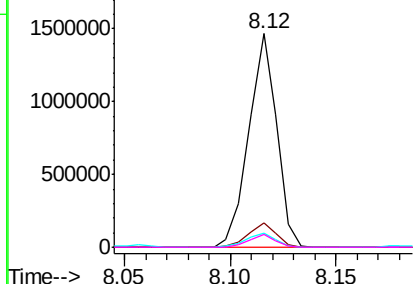
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.12 min Scan# 1025  
Delta R.T. -0.03 min  
Lab File: BF118774.D  
Acq: 31 Jan 2020 11:33

Instrument :  
BNA\_F  
ClientSampleId :

|             |               |
|-------------|---------------|
| Tot Ion:136 | Resp: 1345893 |
| Ion Ratio   | Lower Upper   |
| 136 100     |               |
| 137 11.1    | 8.9 13.3      |
| 54 6.5      | 5.1 7.7       |
| 68 5.8      | 4.3 6.5       |

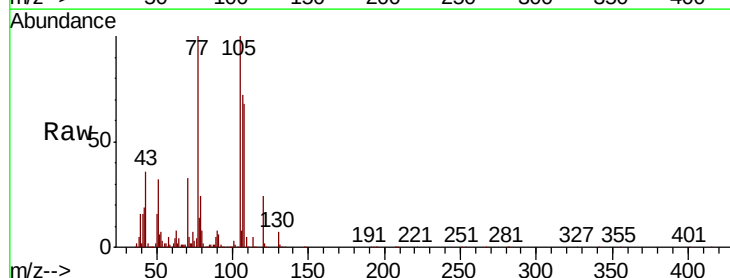


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

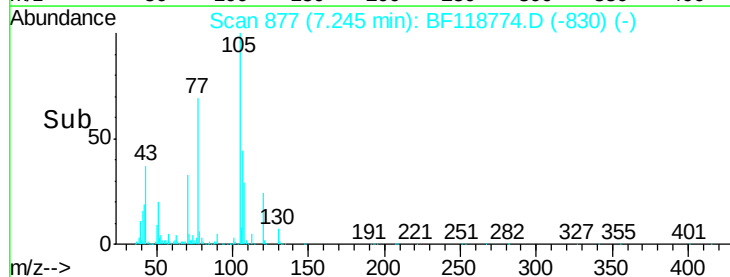
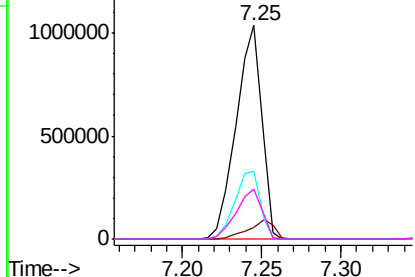


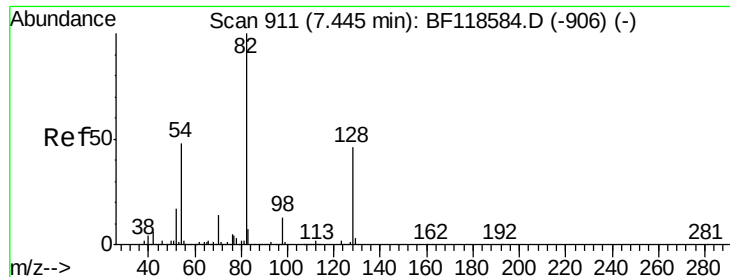
#22  
Acetophenone  
Concen: 36.317 ng  
RT: 7.25 min Scan# 877  
Delta R.T. -0.02 min  
Lab File: BF118774.D  
Acq: 31 Jan 2020 11:33

|     |         |       |         |
|-----|---------|-------|---------|
| Tgt | Ion:105 | Resp: | 1157893 |
| Ion | Ratio   | Lower | Upper   |
| 105 | 100     |       |         |
| 71  | 5.3     | 4.3   | 6.5     |
| 51  | 32.0    | 23.5  | 35.3    |
| 120 | 23.7    | 18.6  | 28.0    |



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

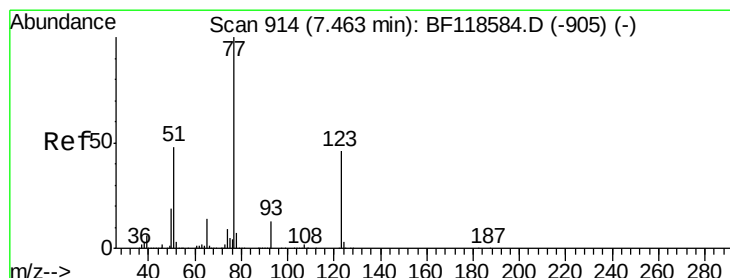
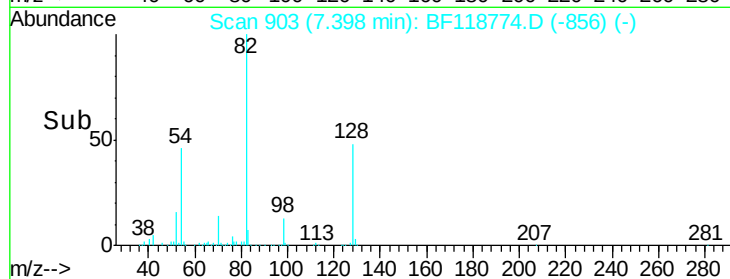
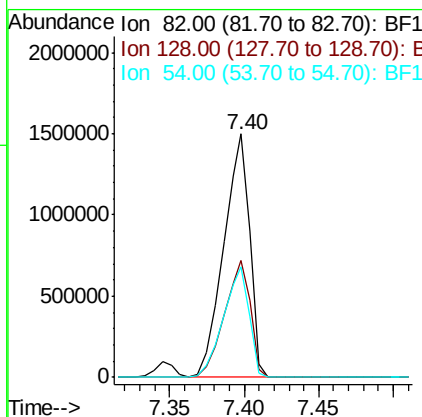
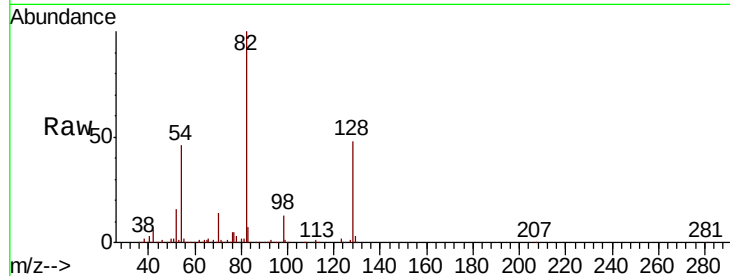




#23  
 Nitrobenzene-d5  
 Concen: 75.992 ng  
 RT: 7.40 min Scan# 903  
 Delta R.T. -0.02 min  
 Lab File: BF118774.D  
 Acq: 31 Jan 2020 11:33

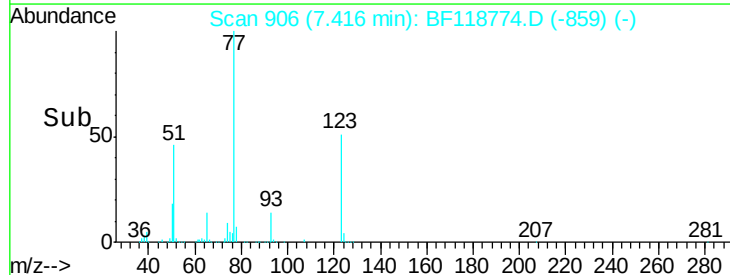
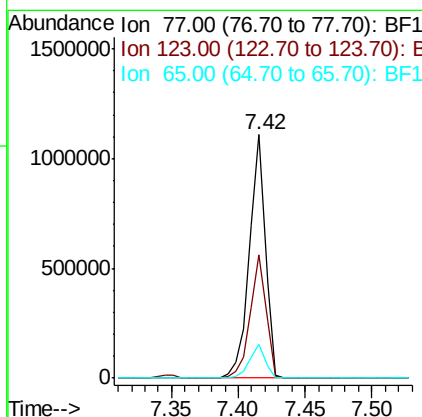
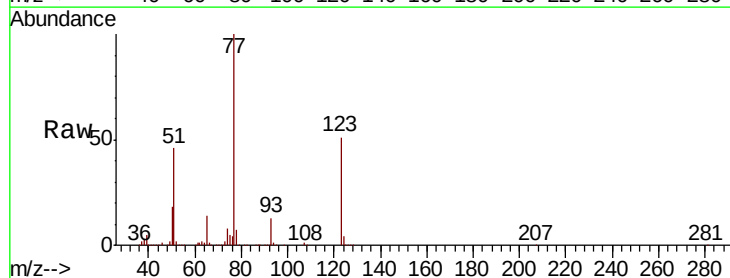
Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion: 82 Resp: 1828540  
 Ion Ratio Lower Upper  
 82 100  
 128 48.2 38.2 57.2  
 54 45.5 36.1 54.1

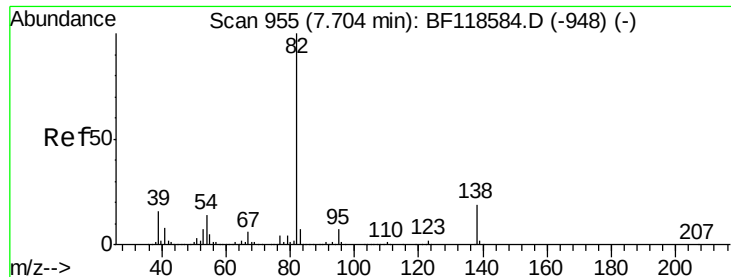


#24  
 Nitrobenzene  
 Concen: 36.838 ng  
 RT: 7.42 min Scan# 906  
 Delta R.T. -0.02 min  
 Lab File: BF118774.D  
 Acq: 31 Jan 2020 11:33

Tgt Ion: 77 Resp: 907612  
 Ion Ratio Lower Upper  
 77 100  
 123 50.7 39.2 58.8  
 65 13.6 10.6 15.8



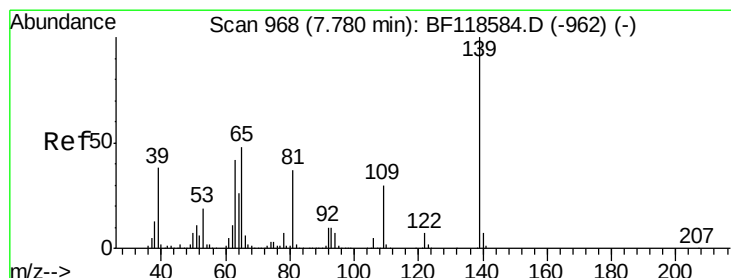
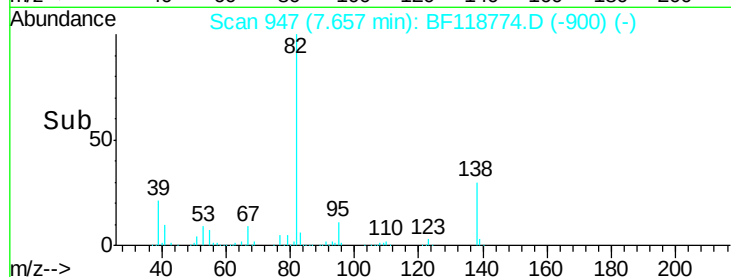
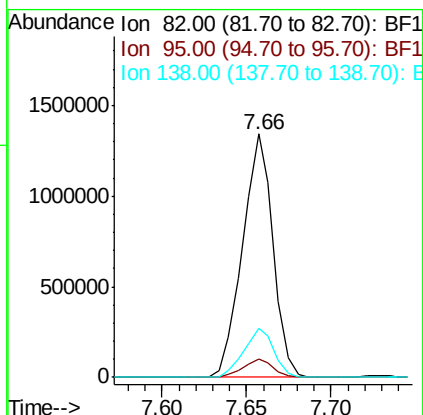
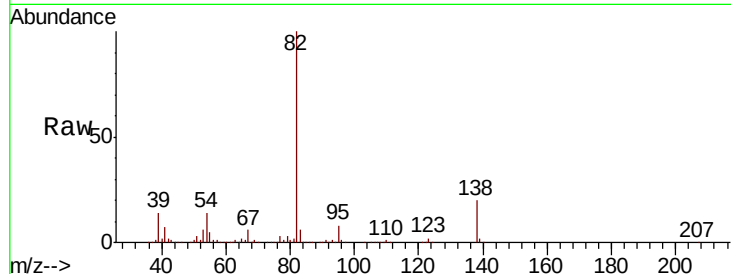




#25  
Isophorone  
Concen: 38.373 ng  
RT: 7.66 min Scan# 947  
Delta R.T. -0.02 min  
Lab File: BF118774.D  
Acq: 31 Jan 2020 11:33

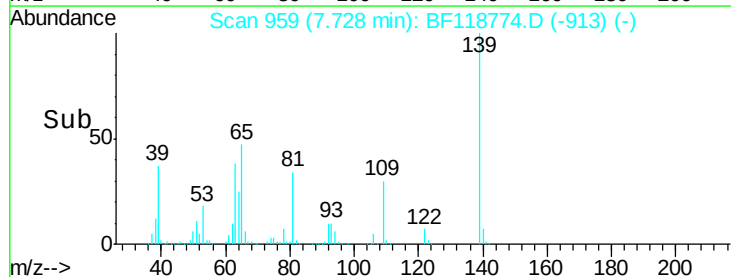
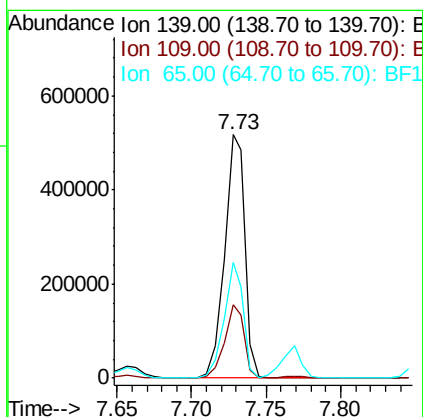
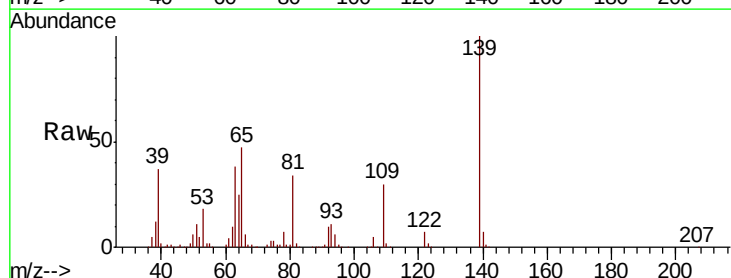
Instrument :  
BNA\_F  
ClientSampleId :

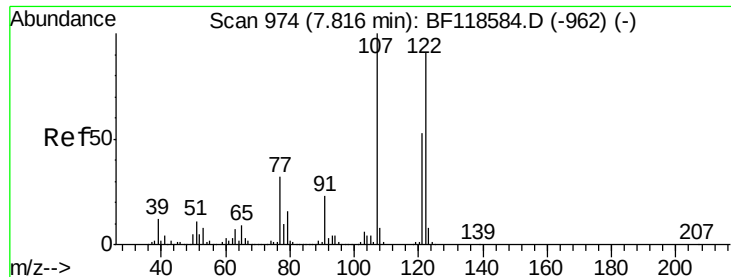
Tot Ion: 82 Resp: 1684108  
Ion Ratio Lower Upper  
82 100  
95 7.7 5.8 8.8  
138 20.2 15.8 23.8



#26  
2-Nitrophenol  
Concen: 47.420 ng  
RT: 7.73 min Scan# 959  
Delta R.T. -0.03 min  
Lab File: BF118774.D  
Acq: 31 Jan 2020 11:33

Tgt Ion: 139 Resp: 498227  
Ion Ratio Lower Upper  
139 100  
109 29.9 23.1 34.7  
65 47.3 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 36.830 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Instrument :

BNA\_F

ClientSampleId :

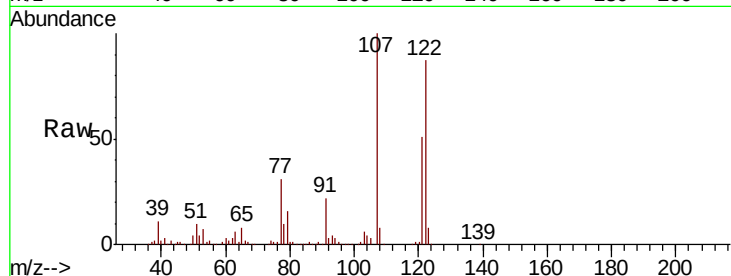
Tot Ion:122 Resp: 668207

Ion Ratio Lower Upper

122 100

107 115.5 91.8 137.8

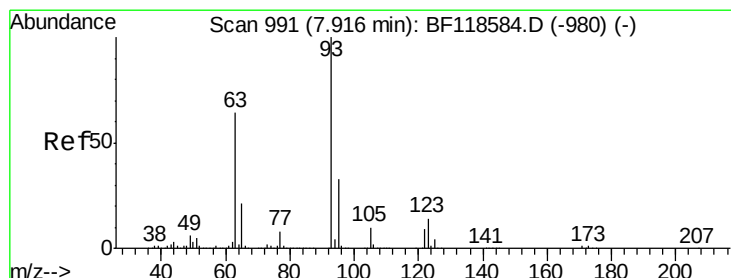
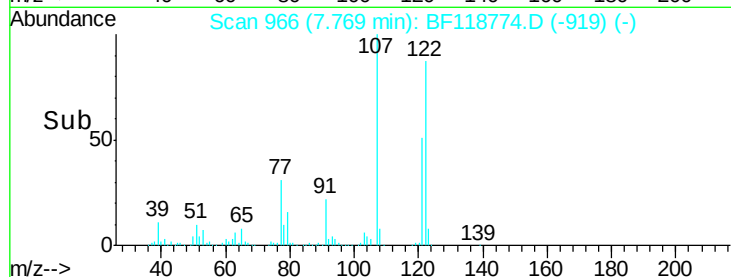
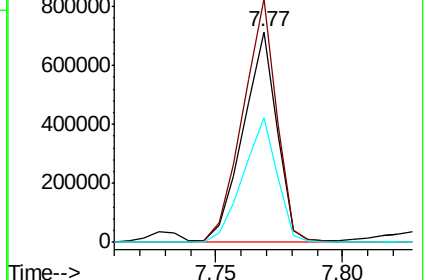
121 59.2 46.8 70.2



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: 38.979 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.03 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

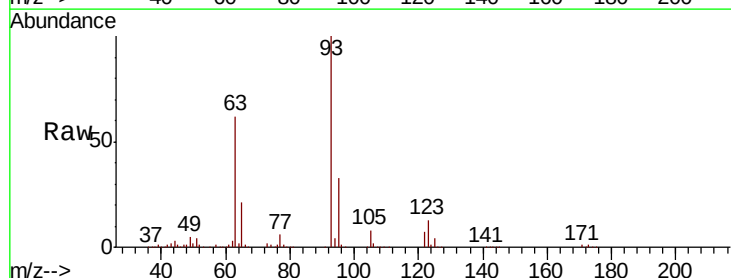
Tgt Ion: 93 Resp: 1102299

Ion Ratio Lower Upper

93 100

95 33.4 26.8 40.2

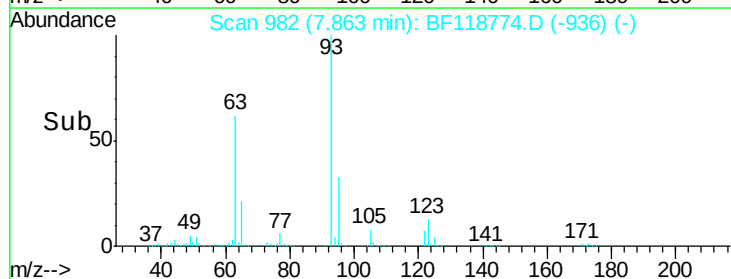
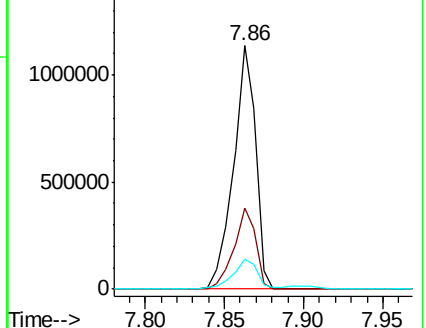
123 12.5 10.7 16.1

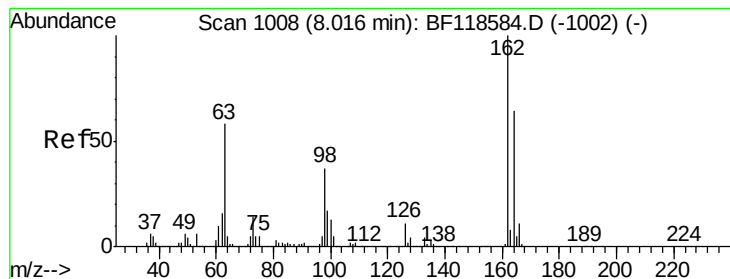


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.375 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Instrument :

BNA\_F

ClientSampleId :

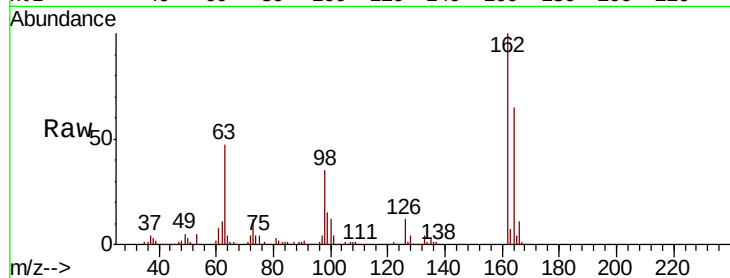
Tot Ion:162 Resp: 809769

Ion Ratio Lower Upper

162 100

164 65.1 43.8 83.8

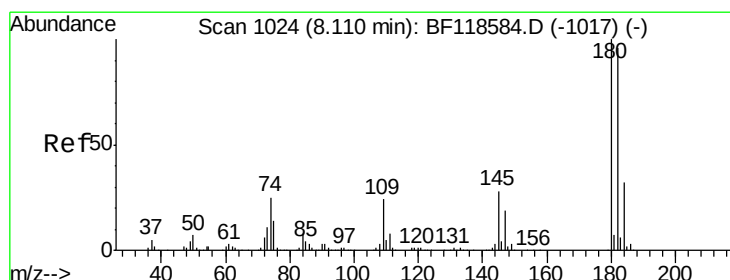
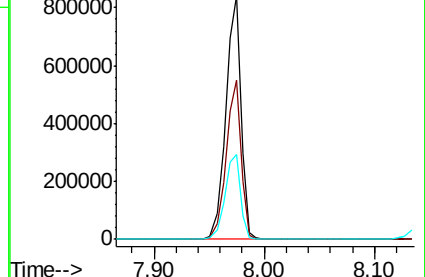
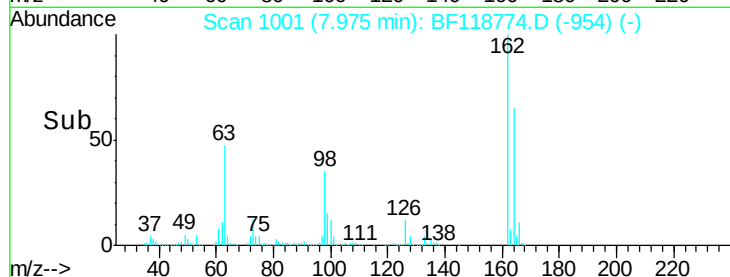
98 34.8 15.0 55.0



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: 40.650 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.03 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

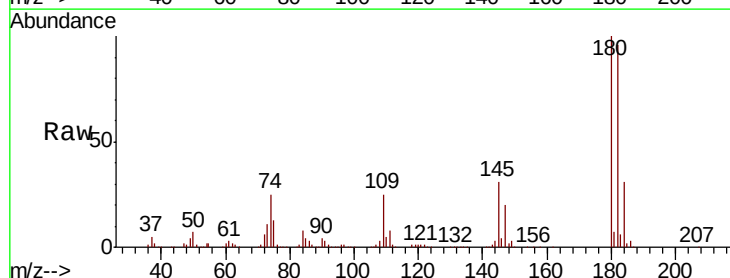
Tgt Ion:180 Resp: 945313

Ion Ratio Lower Upper

180 100

182 95.9 77.0 115.4

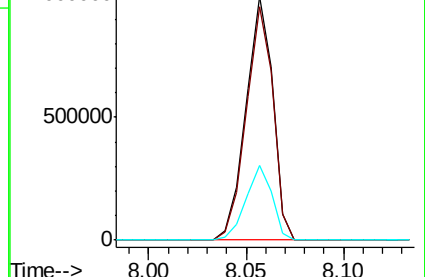
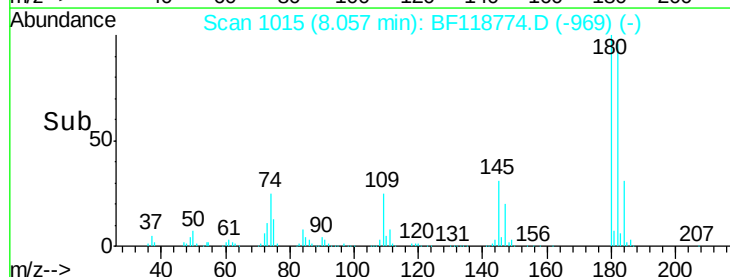
145 30.8 23.5 35.3

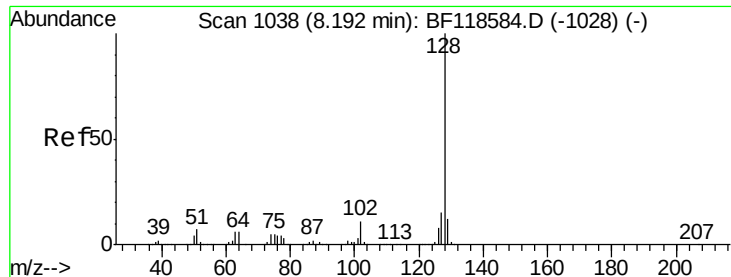


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

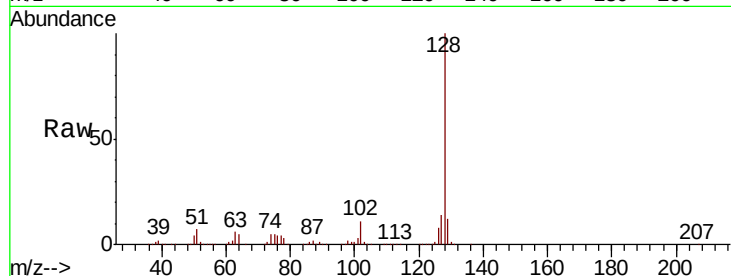




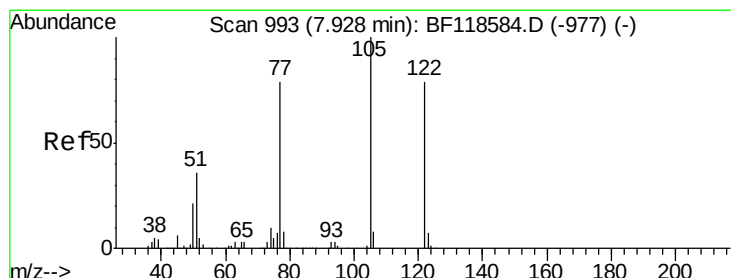
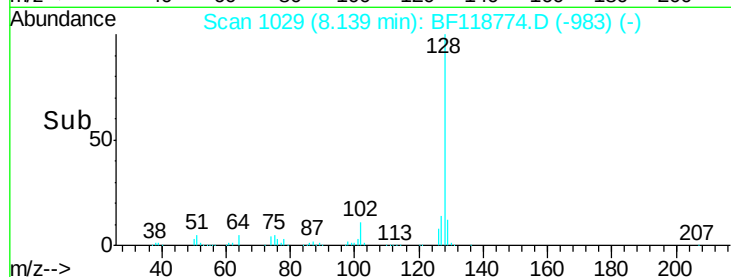
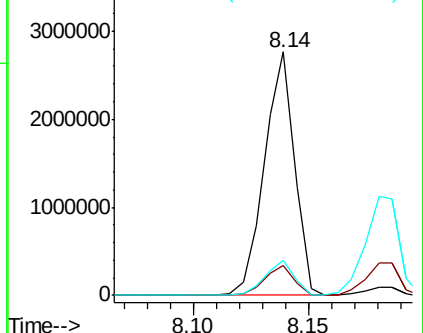
#31  
Naphthalene  
Concen: 41.165 ng  
RT: 8.14 min Scan# 1029  
Delta R.T. -0.03 min  
Lab File: BF118774.D  
Acq: 31 Jan 2020 11:33

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:128 Resp: 2502781  
Ion Ratio Lower Upper  
128 100  
129 12.2 9.4 14.0  
127 14.4 11.3 16.9

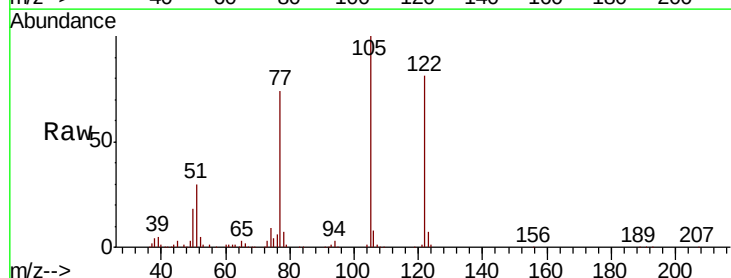


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

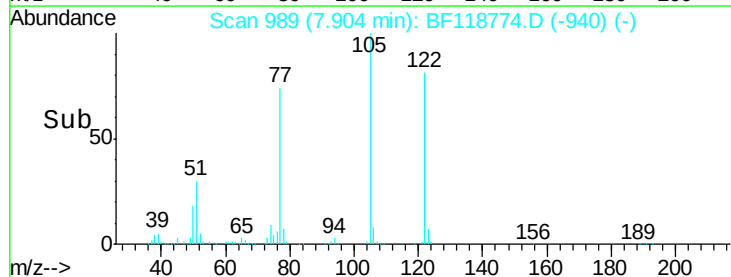
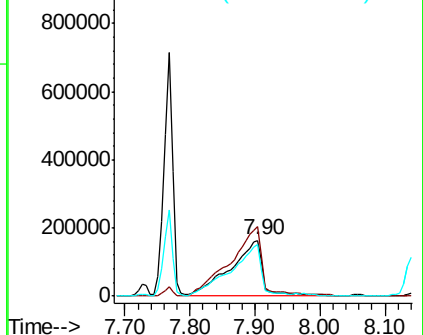


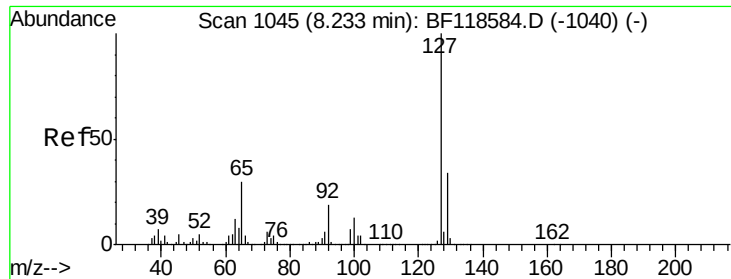
#32  
Benzoic acid  
Concen: 41.169 ng  
RT: 7.90 min Scan# 989  
Delta R.T. -0.01 min  
Lab File: BF118774.D  
Acq: 31 Jan 2020 11:33

Tgt Ion:122 Resp: 560566  
Ion Ratio Lower Upper  
122 100  
105 123.7 100.9 140.9  
77 91.9 65.1 105.1



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

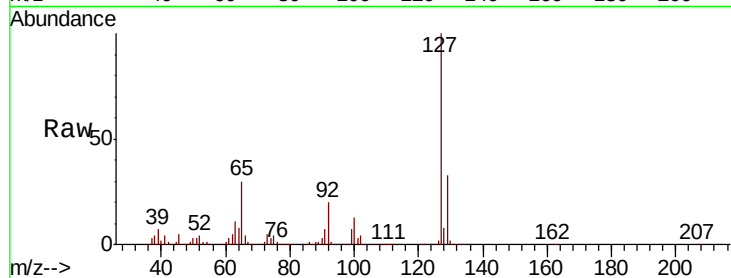




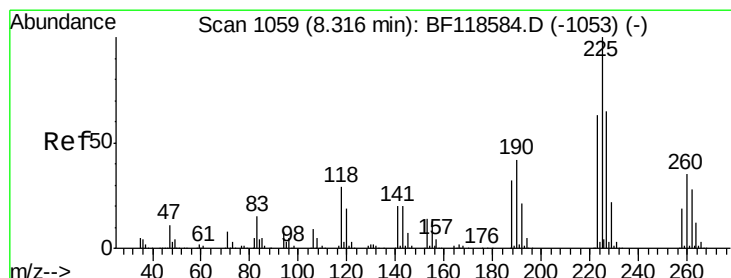
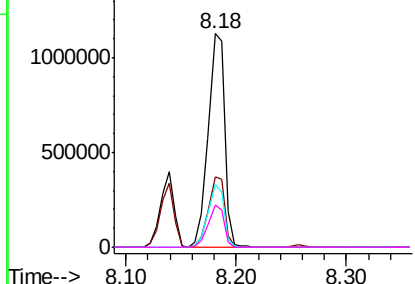
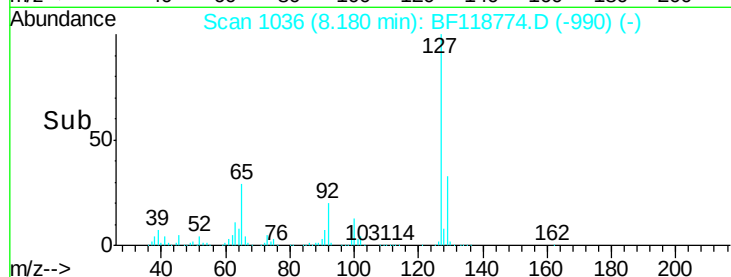
#33  
4-Chloroaniline  
Concen: 40.544 ng  
RT: 8.18 min Scan# 1036  
Delta R.T. -0.03 min  
Lab File: BF118774.D  
Acq: 31 Jan 2020 11:33

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:127 Resp: 1139341  
Ion Ratio Lower Upper  
127 100  
129 32.7 26.4 39.6  
65 29.7 22.6 33.8  
92 20.0 15.3 22.9

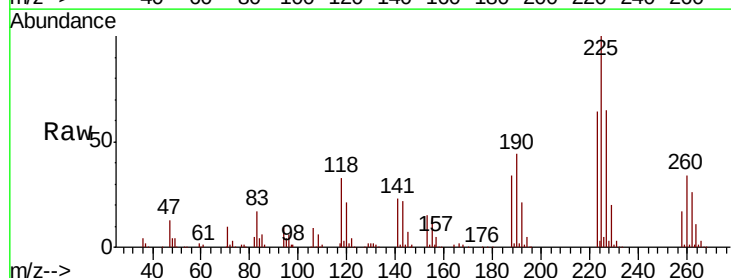


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

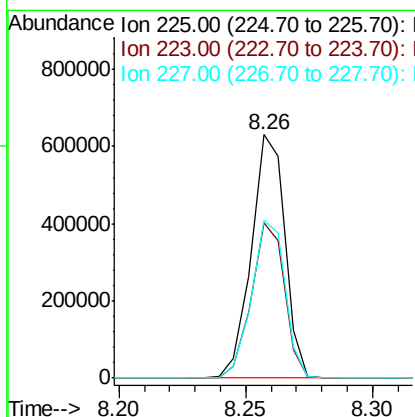
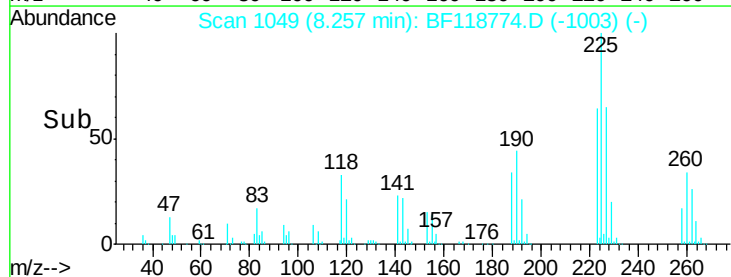


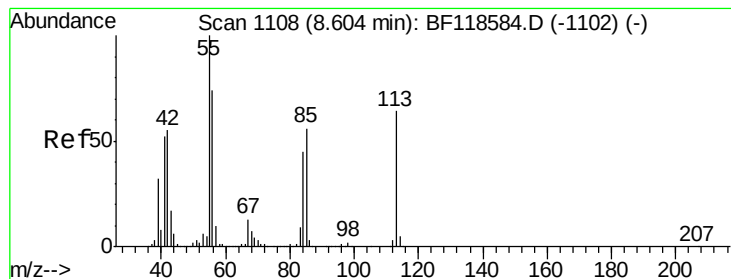
#34  
Hexachlorobutadiene  
Concen: 41.194 ng  
RT: 8.26 min Scan# 1049  
Delta R.T. -0.03 min  
Lab File: BF118774.D  
Acq: 31 Jan 2020 11:33

Tgt Ion:225 Resp: 583378  
Ion Ratio Lower Upper  
225 100  
223 63.8 50.3 75.5  
227 65.1 50.5 75.7



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





#35

Caprolactam

Concen: 36.255 ng

RT: 8.57 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Instrument :

BNA\_F

ClientSampled :

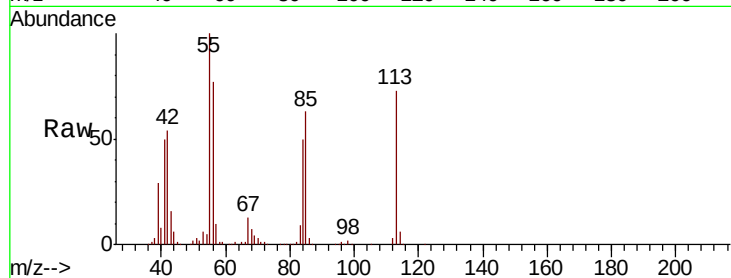
Tot Ion:113 Resp: 237961

Ion Ratio Lower Upper

113 100

55 136.8 119.0 159.0

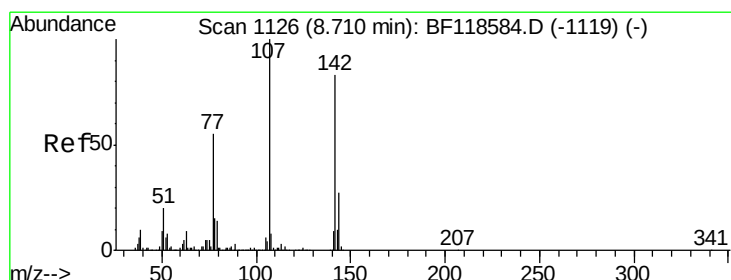
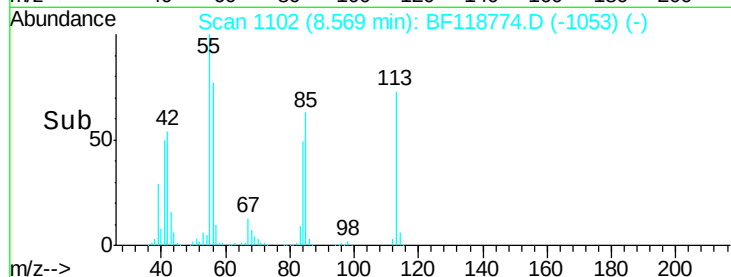
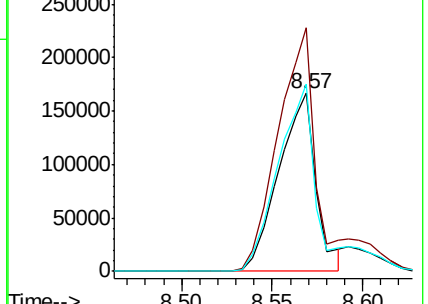
56 105.3 85.4 125.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 41.646 ng

RT: 8.67 min Scan# 1119

Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

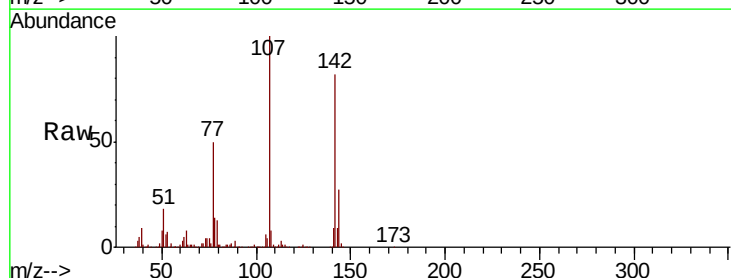
Tgt Ion:107 Resp: 824825

Ion Ratio Lower Upper

107 100

144 27.3 20.9 31.3

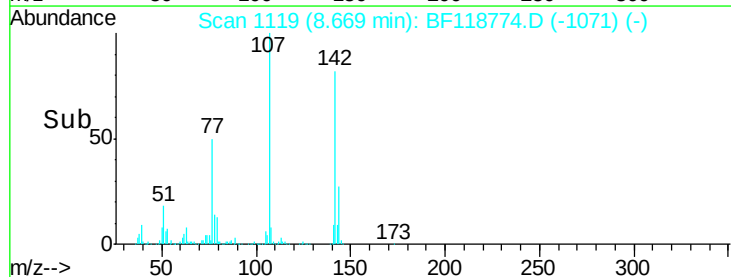
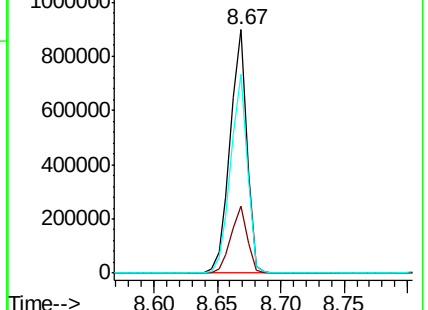
142 81.6 64.5 96.7

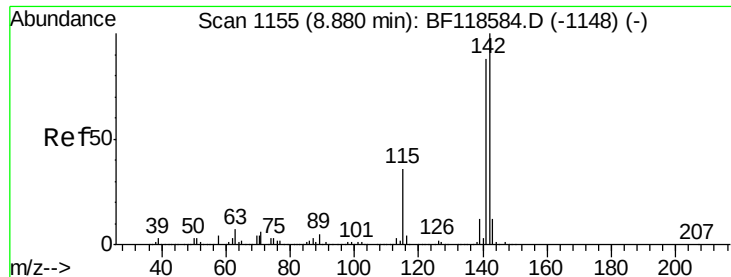


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

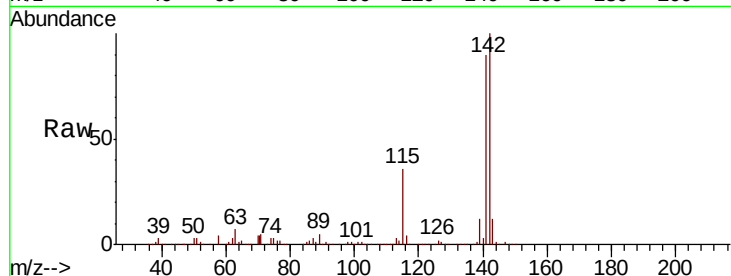




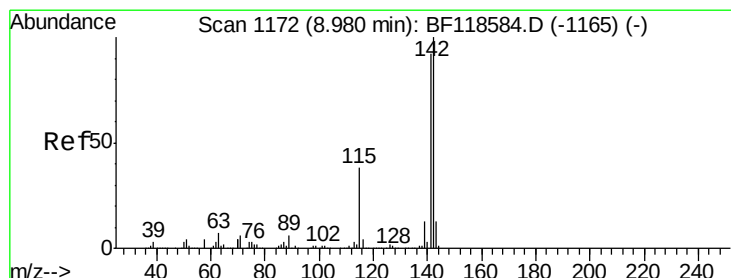
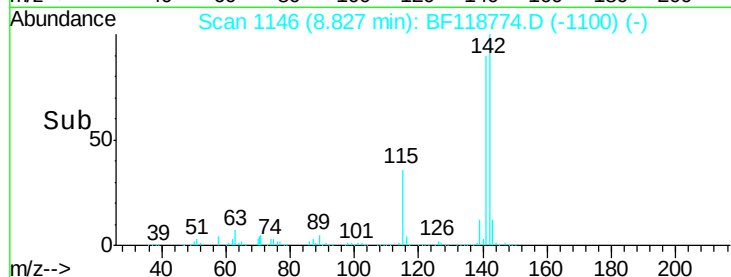
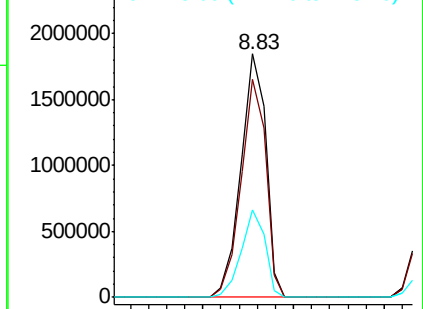
#37  
2-Methylnaphthalene  
Concen: 41.372 ng  
RT: 8.83 min Scan# 1146  
Delta R.T. -0.03 min  
Lab File: BF118774.D  
Acq: 31 Jan 2020 11:33

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:142 Resp: 1775478  
Ion Ratio Lower Upper  
142 100  
141 89.7 71.4 107.0  
115 36.0 27.5 41.3

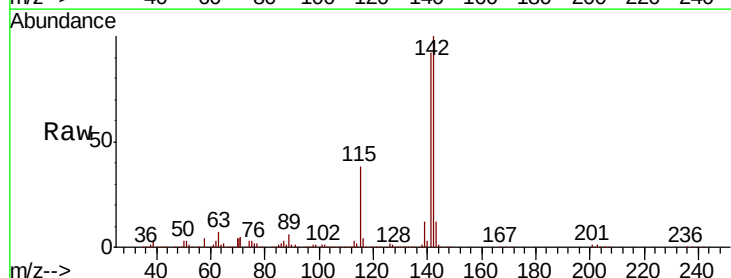


Abundance Ion 142.00 (141.70 to 142.70): E  
2500000 Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

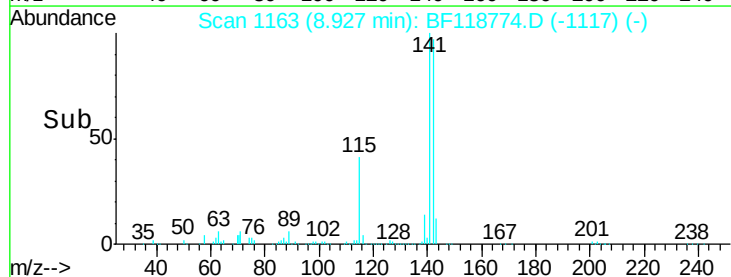
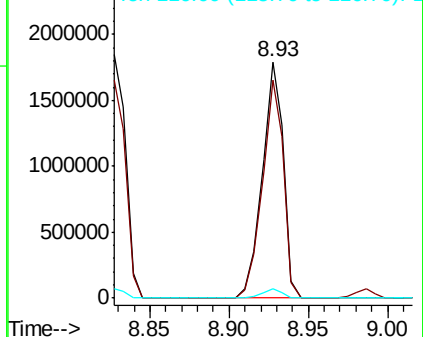


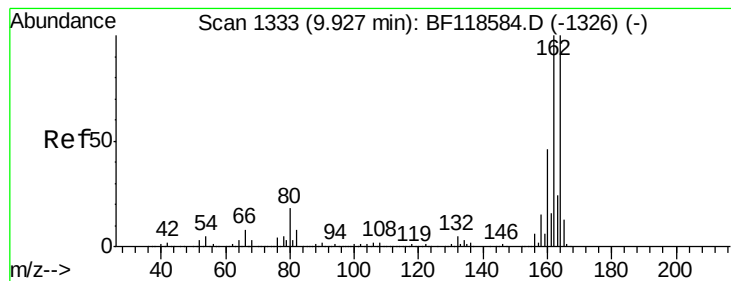
#38  
1-Methylnaphthalene  
Concen: 40.966 ng  
RT: 8.93 min Scan# 1163  
Delta R.T. -0.03 min  
Lab File: BF118774.D  
Acq: 31 Jan 2020 11:33

Tgt Ion:142 Resp: 1670255  
Ion Ratio Lower Upper  
142 100  
141 92.2 73.5 110.3  
116 3.9 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E  
2500000 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: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Instrument :

BNA\_F

ClientSampleId :

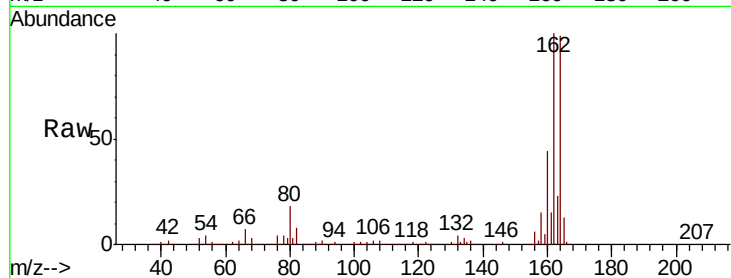
Tot Ion:164 Resp: 777695

Ion Ratio Lower Upper

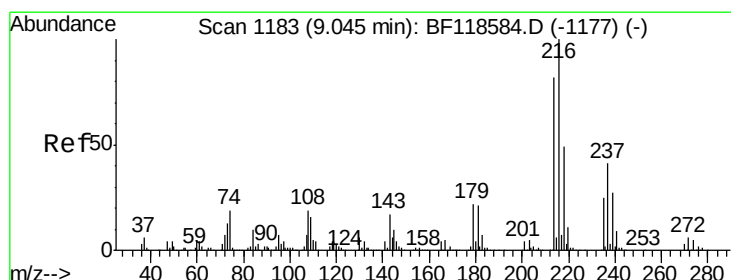
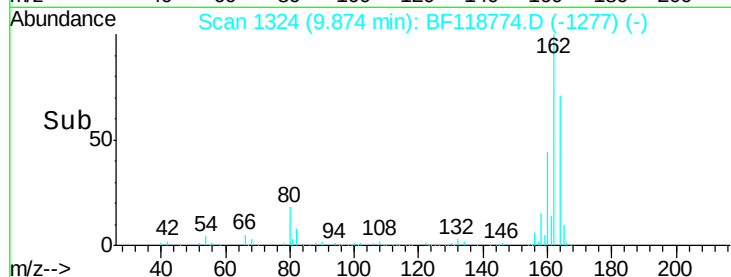
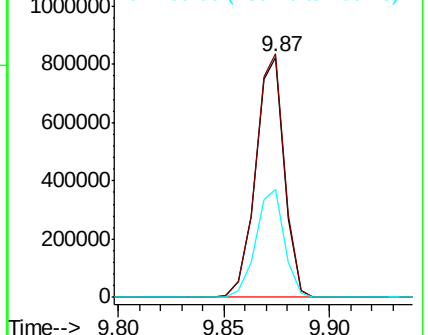
164 100

162 101.4 80.8 121.2

160 45.1 35.4 53.0



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: 39.351 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Tgt Ion:216 Resp: 957557

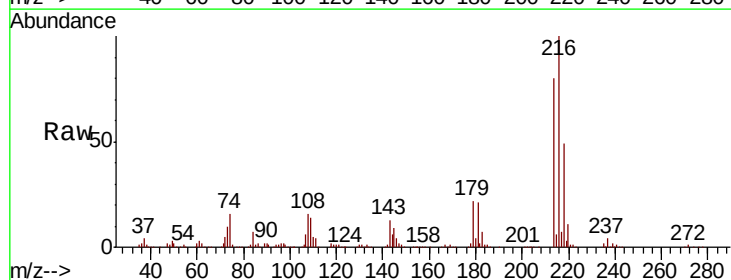
Ion Ratio Lower Upper

216 100

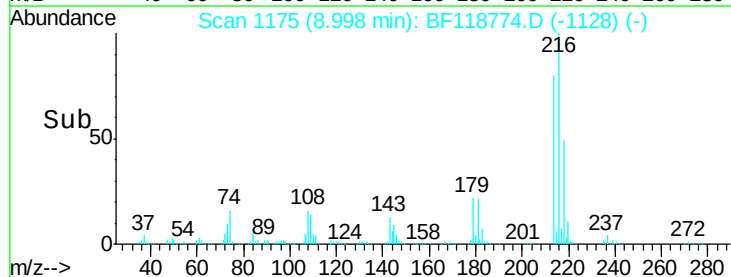
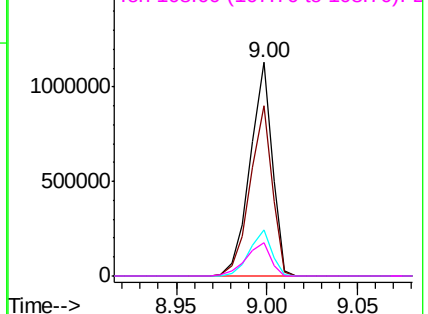
214 79.7 63.4 95.2

179 21.5 17.0 25.4

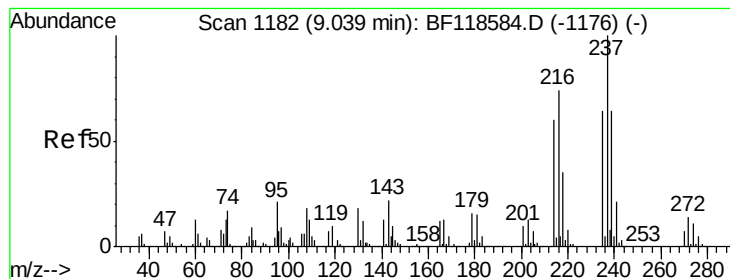
108 17.1 13.0 19.6



Abundance Ion 216.00 (215.70 to 216.70): E  
Ion 214.00 (213.70 to 214.70): E  
Ion 179.00 (178.70 to 179.70): E  
Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 39.215 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.03 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Instrument :

BNA\_F

ClientSampleId :

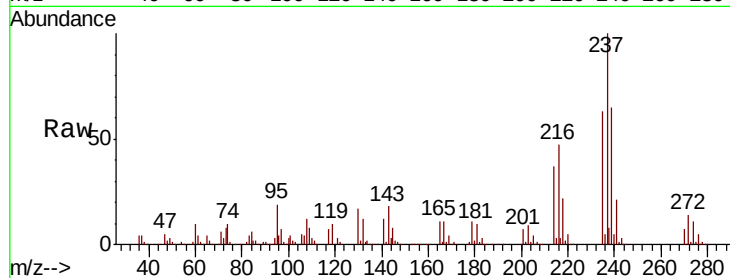
Tot Ion:237 Resp: 481447

Ion Ratio Lower Upper

237 100

235 62.9 42.7 82.7

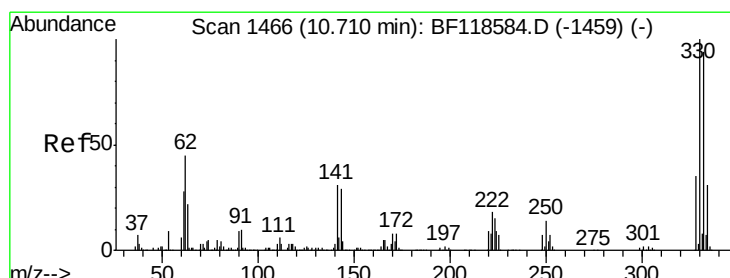
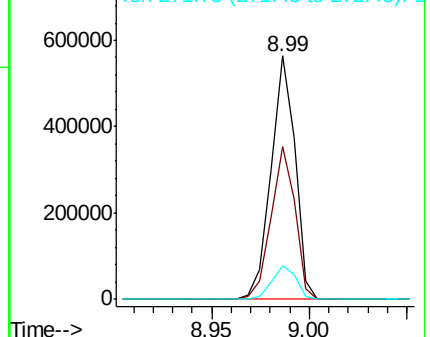
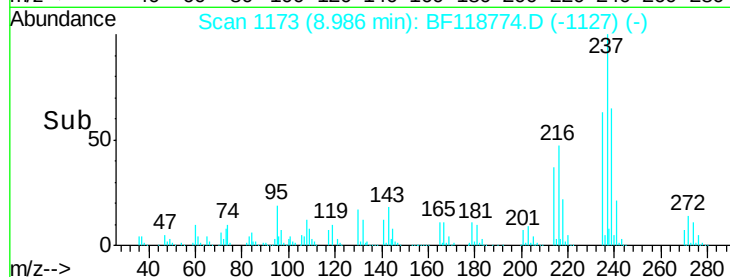
272 13.9 0.0 34.4



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: 86.816 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

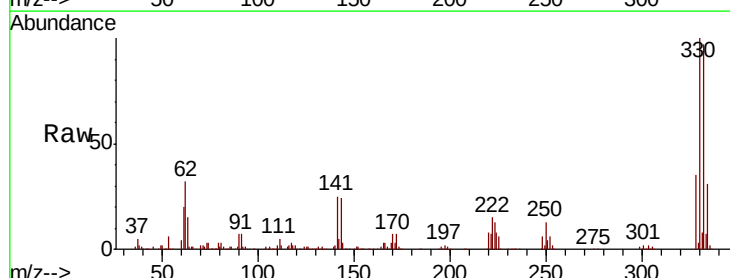
Tgt Ion:330 Resp: 780911

Ion Ratio Lower Upper

330 100

332 96.5 77.6 116.4

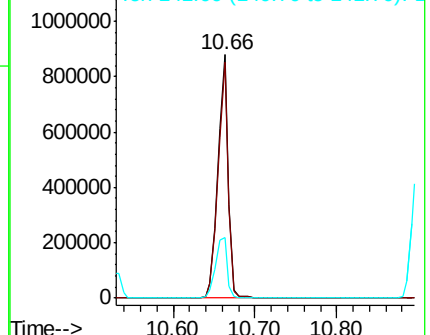
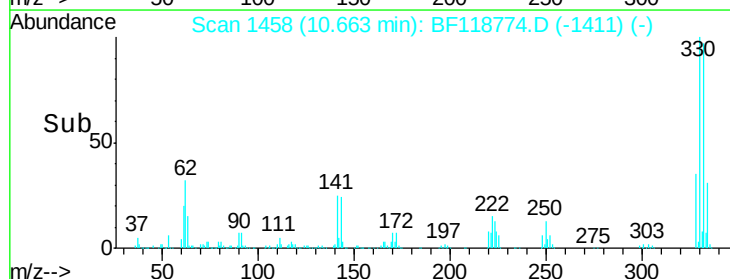
141 28.1 22.2 33.2

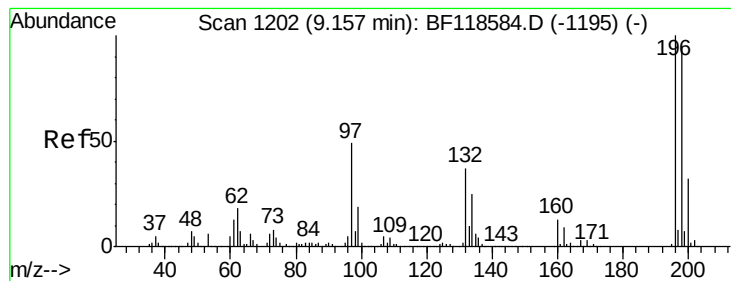


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 40.661 ng

RT: 9.10 min Scan# 1193

Delta R.T. -0.03 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Instrument :

BNA\_F

ClientSampled :

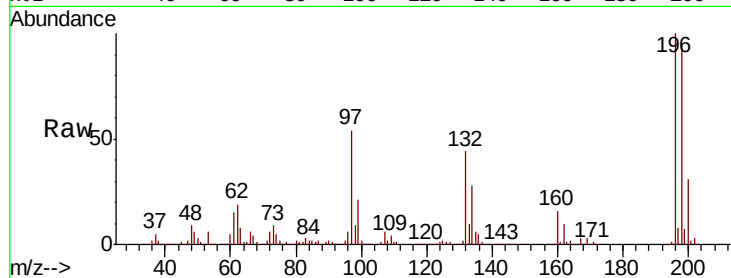
Tot Ion:196 Resp: 656562

Ion Ratio Lower Upper

196 100

198 95.2 76.4 114.6

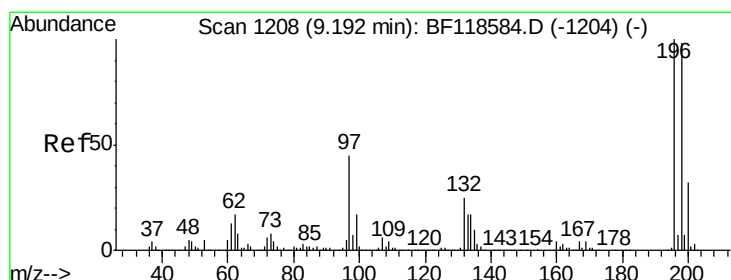
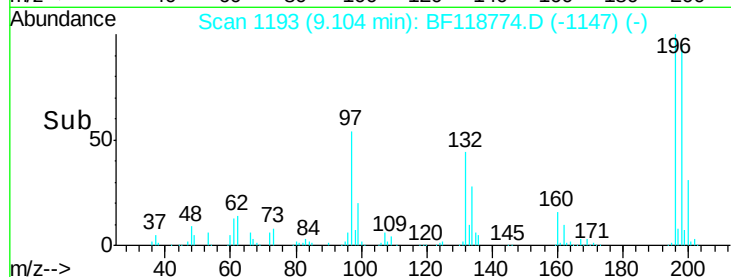
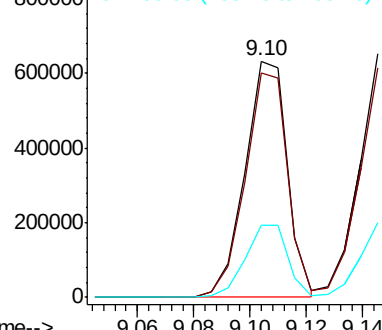
200 30.6 25.4 38.2



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: 40.976 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Tgt Ion:196 Resp: 675744

Ion Ratio Lower Upper

196 100

198 94.4 76.2 114.4

97 47.7 35.7 53.5

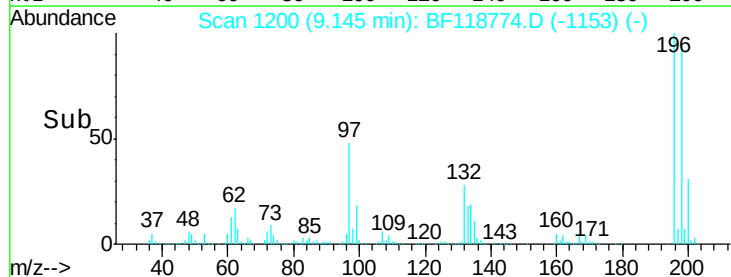
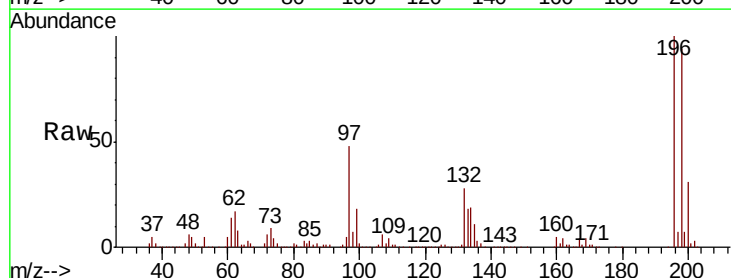
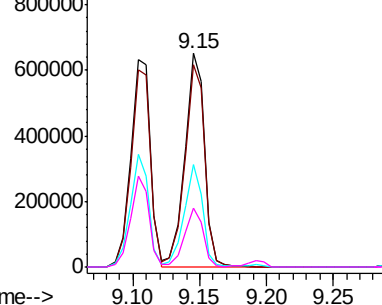
132 27.6 21.4 32.0

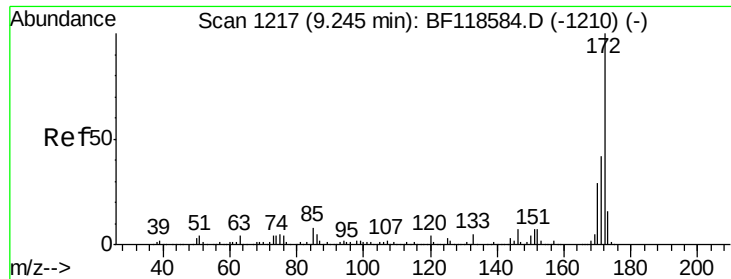
Abundance Ion 196.00 (195.70 to 196.70): E

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

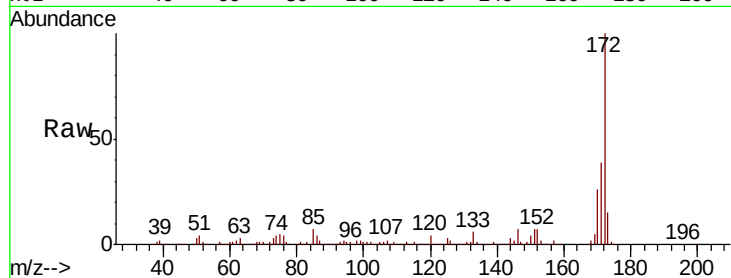




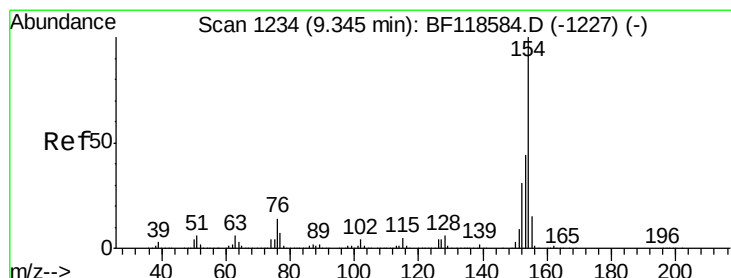
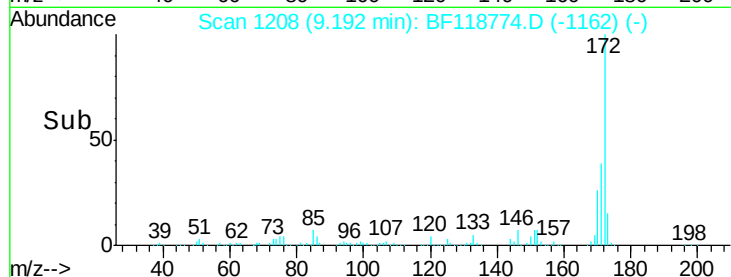
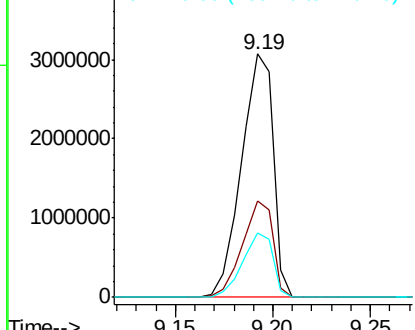
#45  
 2-Fluorobiphenyl  
 Concen: 73.103 ng  
 RT: 9.19 min Scan# 1208  
 Delta R.T. -0.03 min  
 Lab File: BF118774.D  
 Acq: 31 Jan 2020 11:33

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:172 Resp: 3458933  
 Ion Ratio Lower Upper  
 172 100  
 171 39.4 31.0 46.4  
 170 26.2 20.7 31.1

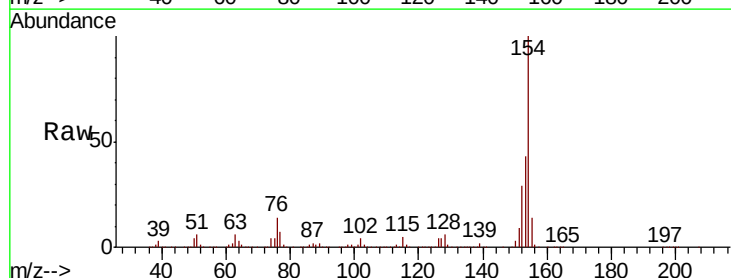


Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

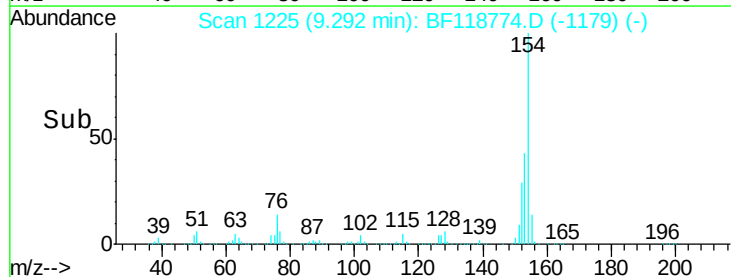
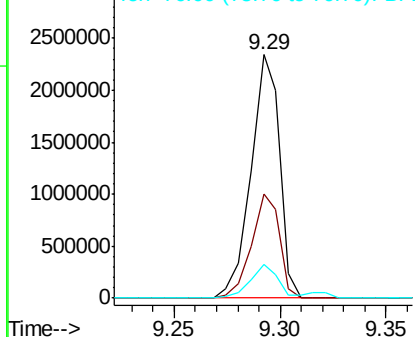


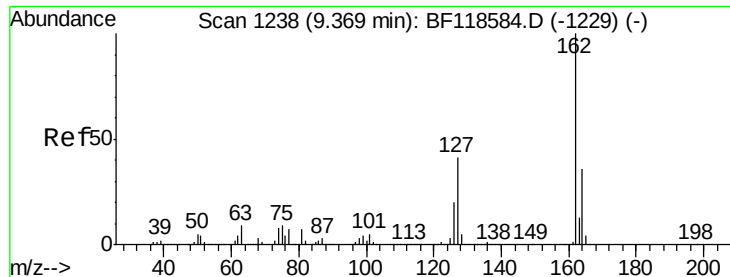
#46  
 1,1'-Biphenyl  
 Concen: 41.178 ng  
 RT: 9.29 min Scan# 1225  
 Delta R.T. -0.03 min  
 Lab File: BF118774.D  
 Acq: 31 Jan 2020 11:33

Tgt Ion:154 Resp: 2207111  
 Ion Ratio Lower Upper  
 154 100  
 153 42.9 22.3 62.3  
 76 13.8 0.0 32.0



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

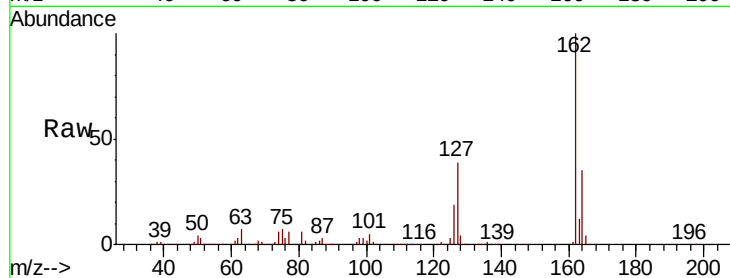




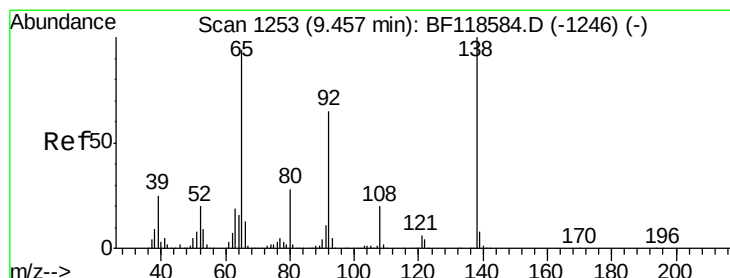
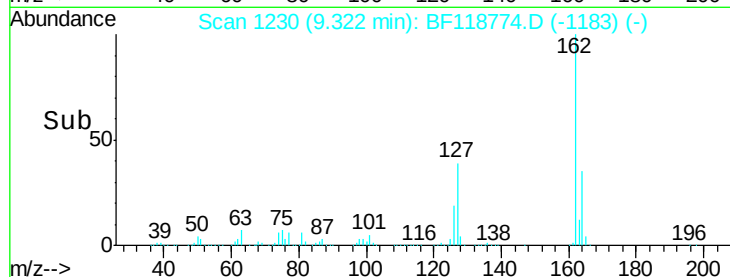
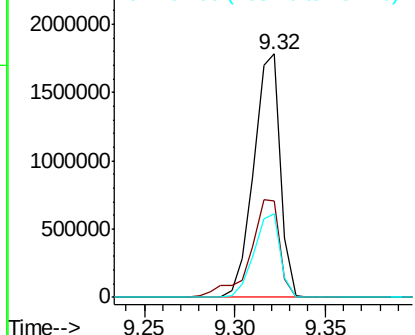
#47  
 2-Chloronaphthalene  
 Concen: 40.318 ng  
 RT: 9.32 min Scan# 1230  
 Delta R.T. -0.02 min  
 Lab File: BF118774.D  
 Acq: 31 Jan 2020 11:33

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:162 Resp: 1821422  
 Ion Ratio Lower Upper  
 162 100  
 127 39.5 32.9 49.3  
 164 34.6 27.5 41.3

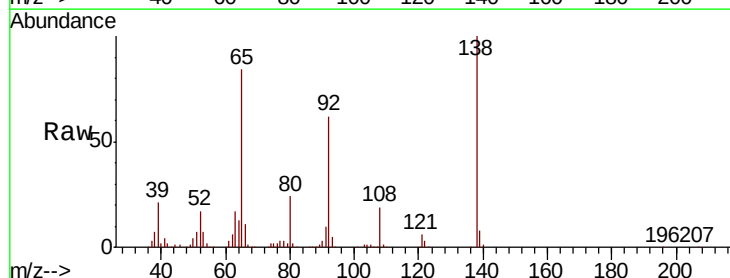


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

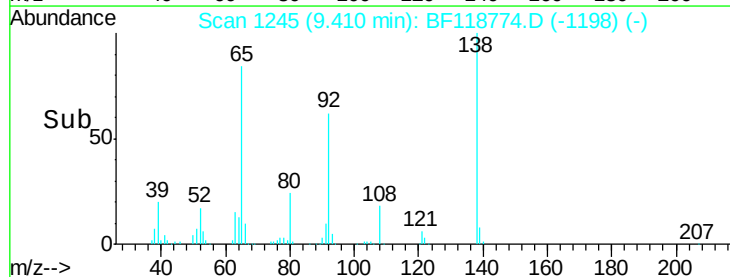
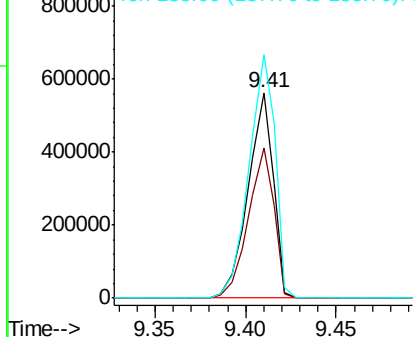


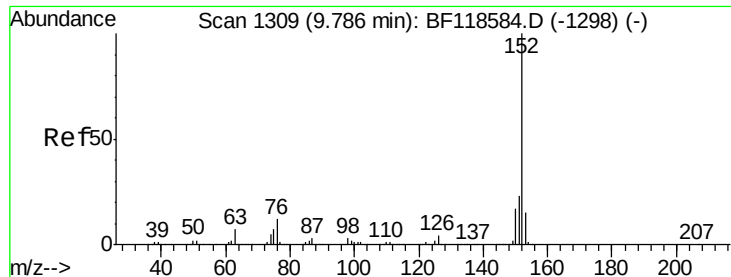
#48  
 2-Nitroaniline  
 Concen: 39.224 ng  
 RT: 9.41 min Scan# 1245  
 Delta R.T. -0.02 min  
 Lab File: BF118774.D  
 Acq: 31 Jan 2020 11:33

Tgt Ion: 65 Resp: 544716  
 Ion Ratio Lower Upper  
 65 100  
 92 73.2 57.8 86.6  
 138 118.6 95.1 142.7



Abundance Ion 65.00 (64.70 to 65.70): BF1  
 Ion 92.00 (91.70 to 92.70): BF1  
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.668 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.03 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Instrument :

BNA\_F

ClientSampleId :

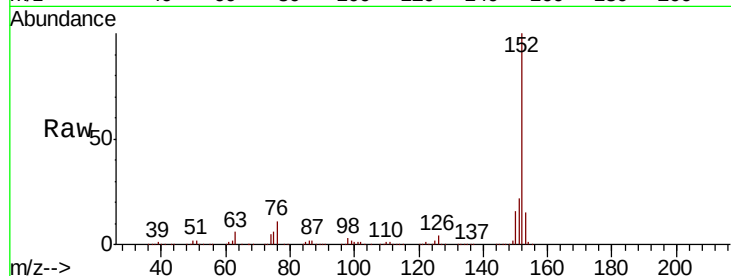
Tot Ion:152 Resp: 2648225

Ion Ratio Lower Upper

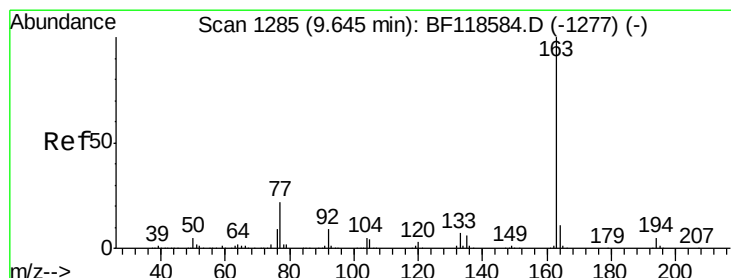
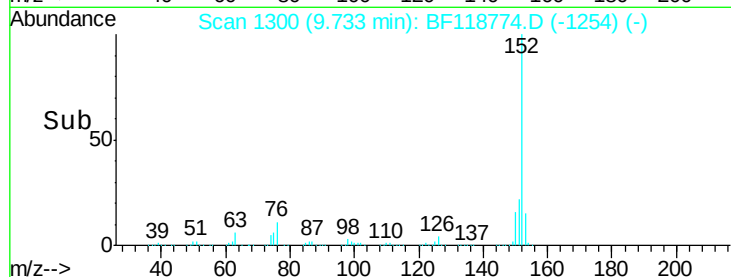
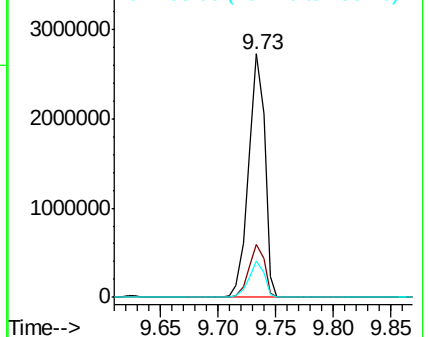
152 100

151 21.9 17.1 25.7

153 14.7 11.0 16.4



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



#50

Dimethylphthalate

Concen: 43.533 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

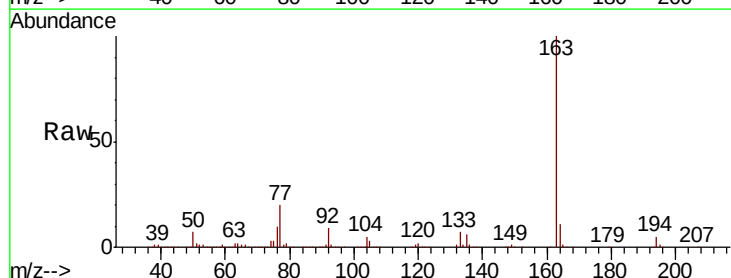
Tgt Ion:163 Resp: 2205711

Ion Ratio Lower Upper

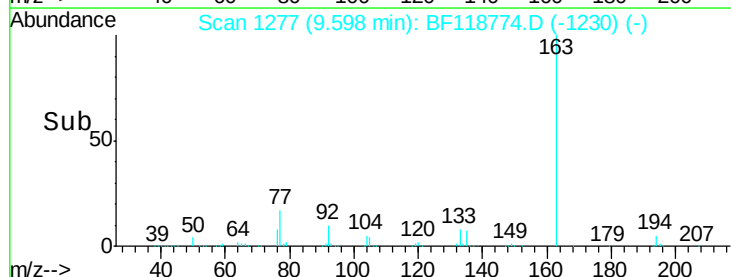
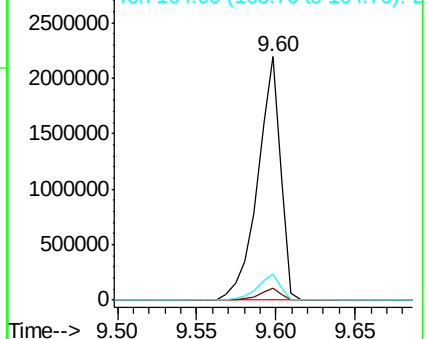
163 100

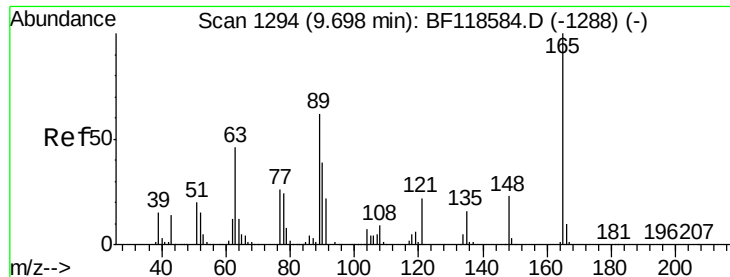
194 4.7 3.7 5.5

164 10.6 8.2 12.2



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

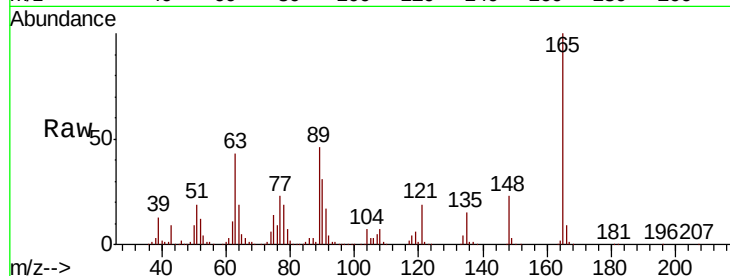




#51  
 2,6-Dinitrotoluene  
 Concen: 44.905 ng  
 RT: 9.66 min Scan# 1287  
 Delta R.T. -0.02 min  
 Lab File: BF118774.D  
 Acq: 31 Jan 2020 11:33

Instrument :  
 BNA\_F  
 ClientSampleId :

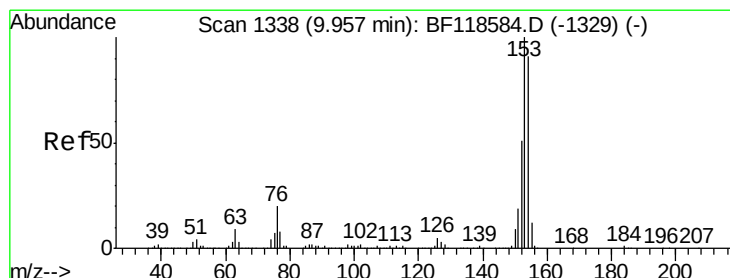
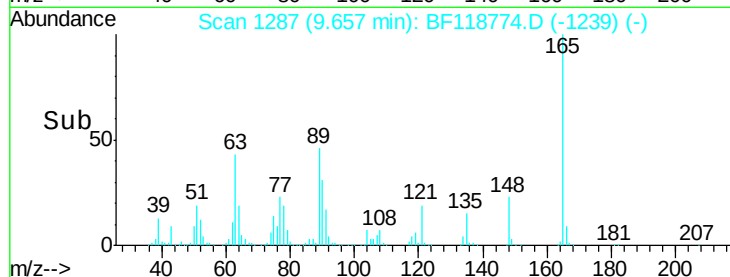
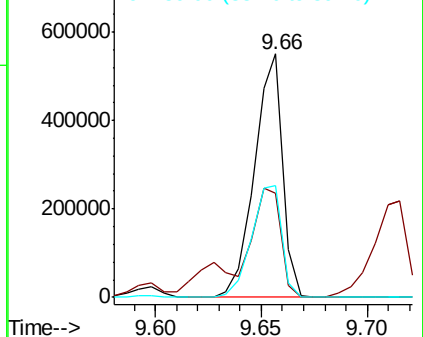
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 42.9  | 39.8  | 59.6  |
| 89      | 45.8  | 41.4  | 62.2  |



Abundance Ion 165.00 (164.70 to 165.70): E

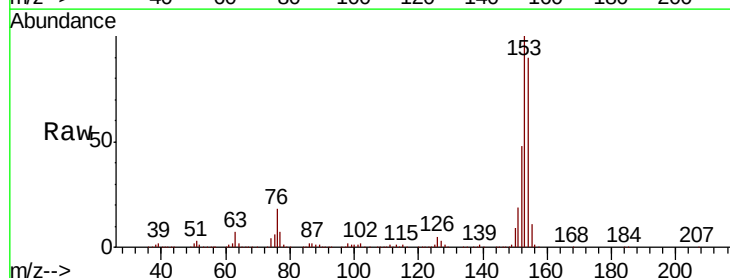
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52  
 Acenaphthene  
 Concen: 41.452 ng  
 RT: 9.91 min Scan# 1330  
 Delta R.T. -0.02 min  
 Lab File: BF118774.D  
 Acq: 31 Jan 2020 11:33

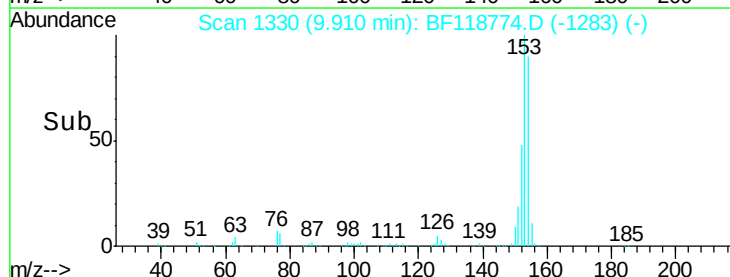
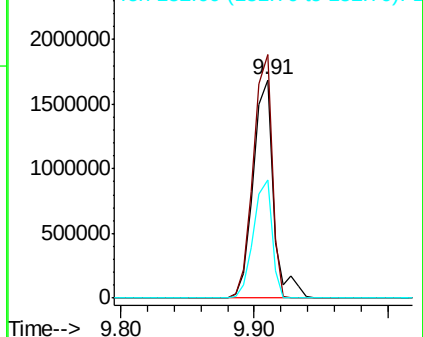
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 111.7 | 89.1  | 133.7 |
| 152     | 54.0  | 43.0  | 64.6  |

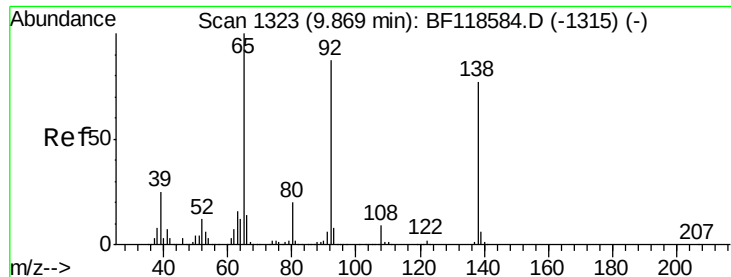


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

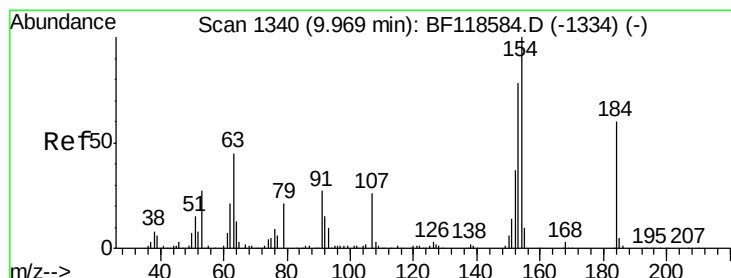
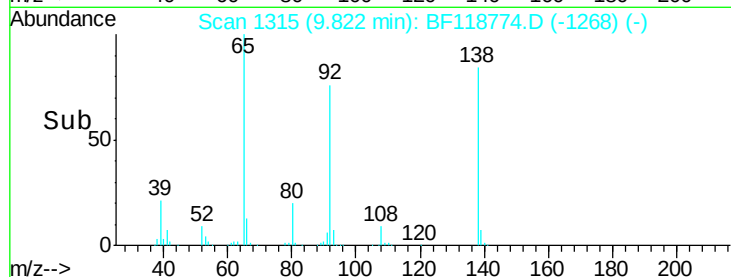
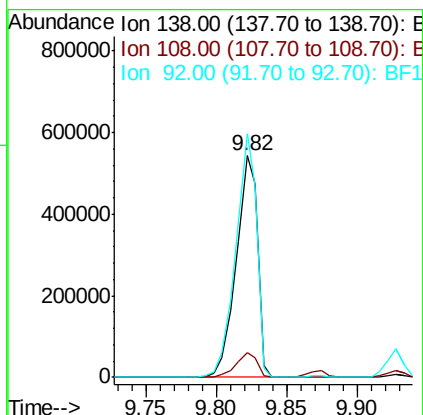
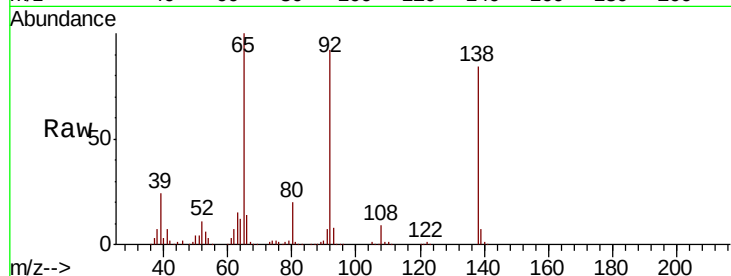




#53  
3-Nitroaniline  
Concen: 43.912 ng  
RT: 9.82 min Scan# 1315  
Delta R.T. -0.02 min  
Lab File: BF118774.D  
Acq: 31 Jan 2020 11:33

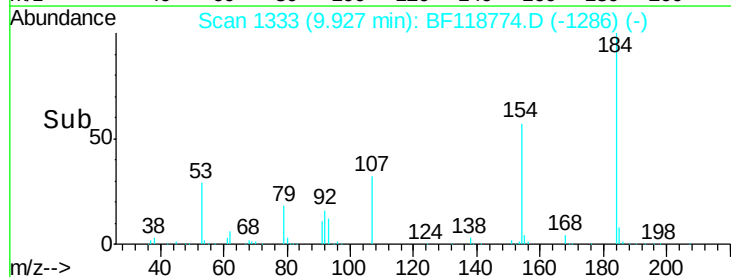
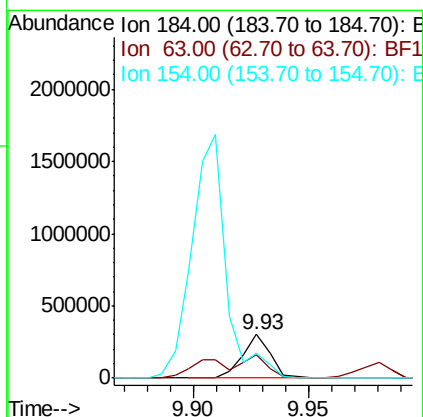
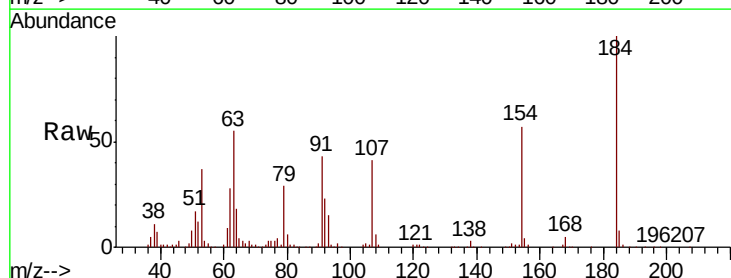
Instrument :  
BNA\_F  
ClientSampleId :

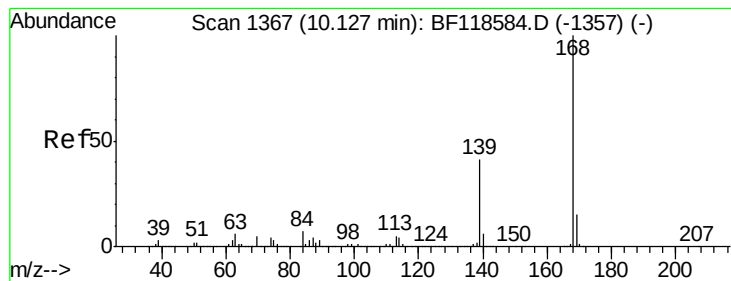
Tot Ion:138 Resp: 568898  
Ion Ratio Lower Upper  
138 100  
108 11.2 8.8 13.2  
92 109.9 87.8 131.6



#54  
2,4-Dinitrophenol  
Concen: 57.443 ng  
RT: 9.93 min Scan# 1333  
Delta R.T. -0.02 min  
Lab File: BF118774.D  
Acq: 31 Jan 2020 11:33

Tgt Ion:184 Resp: 260192  
Ion Ratio Lower Upper  
184 100  
63 55.2 36.0 54.0#  
154 57.2 44.6 66.8





#55

Dibenzofuran

Concen: 40.592 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Instrument :

BNA\_F

ClientSampleId :

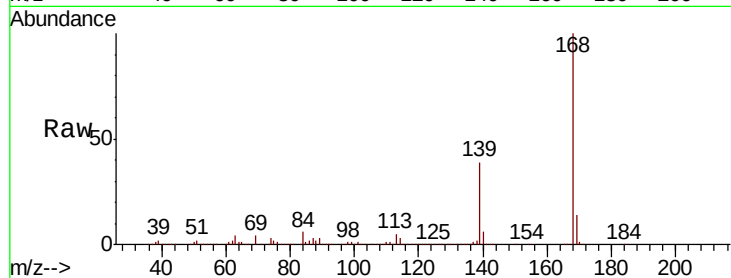
Tot Ion:168 Resp: 2390613

Ion Ratio Lower Upper

168 100

139 39.2 31.6 47.4

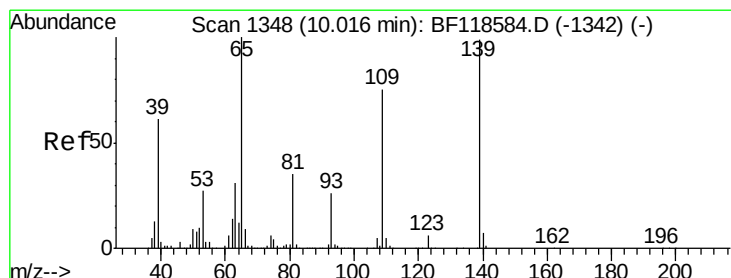
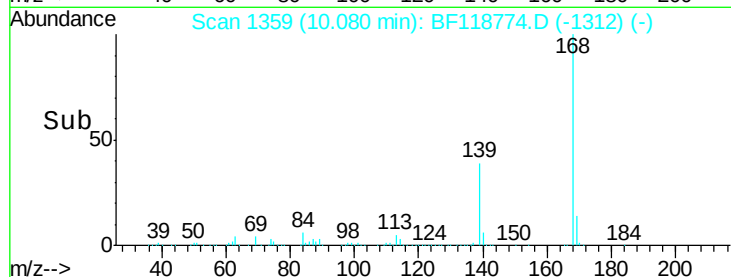
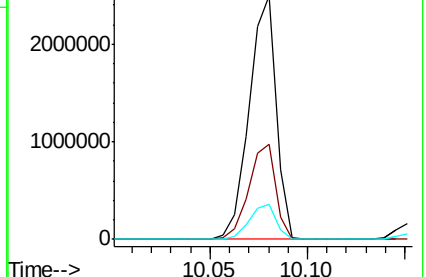
169 14.3 11.4 17.0



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: 41.830 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

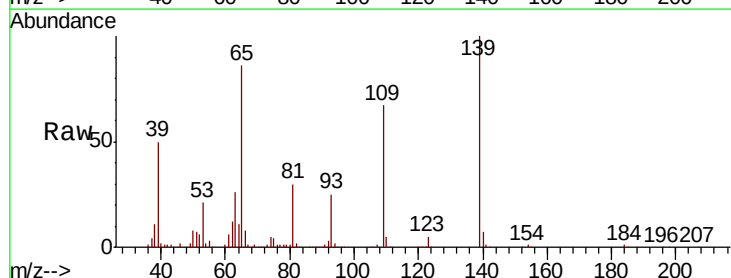
Tgt Ion:139 Resp: 409105

Ion Ratio Lower Upper

139 100

109 67.1 47.0 87.0

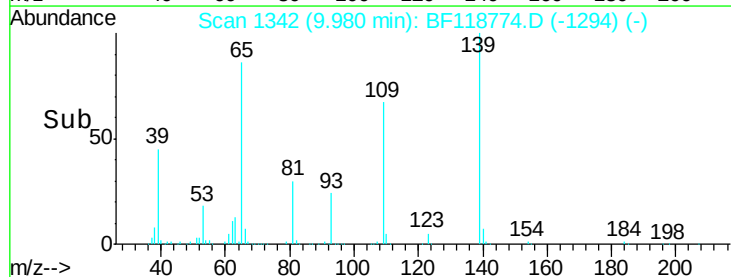
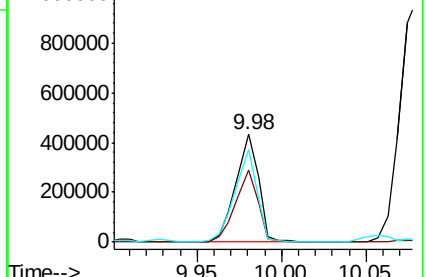
65 86.4 65.7 105.7



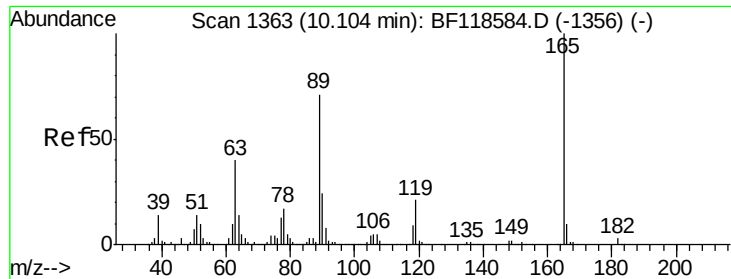
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



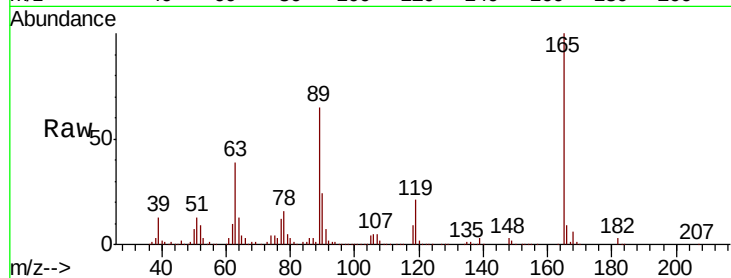




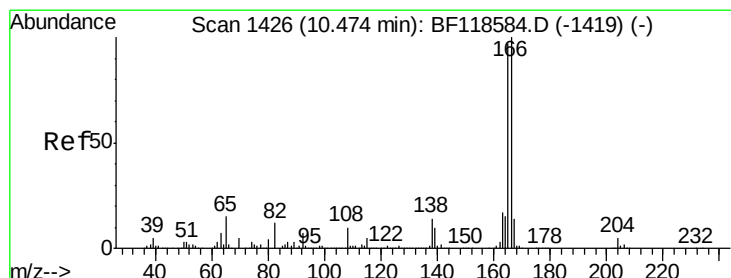
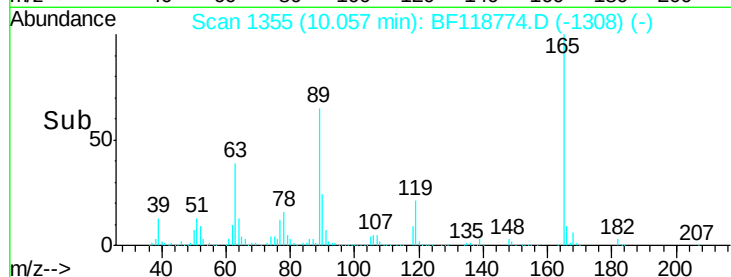
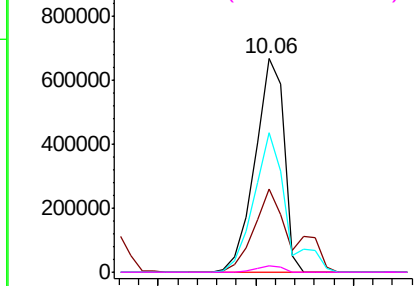
#57  
2,4-Dinitrotoluene  
Concen: 47.838 ng  
RT: 10.06 min Scan# 1355  
Delta R.T. -0.02 min  
Lab File: BF118774.D  
Acq: 31 Jan 2020 11:33

Instrument :  
BNA\_F  
ClientSampled :

|             |              |
|-------------|--------------|
| Tot Ion:165 | Resp: 684232 |
| Ion Ratio   | Lower Upper  |
| 165 100     |              |
| 63 39.0     | 28.5 42.7    |
| 89 65.4     | 50.4 75.6    |
| 182 3.2     | 2.3 3.5      |

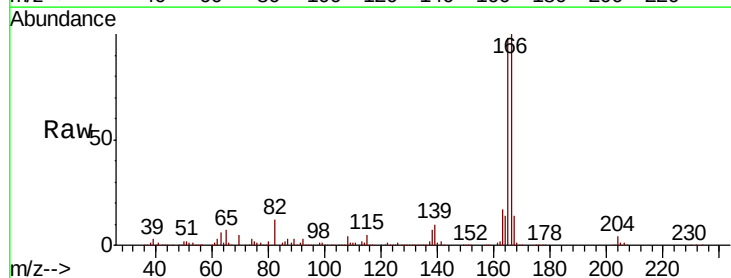


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1  
Ion 182.00 (181.70 to 182.70): E

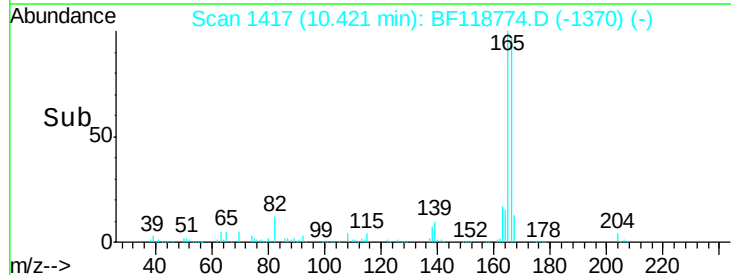
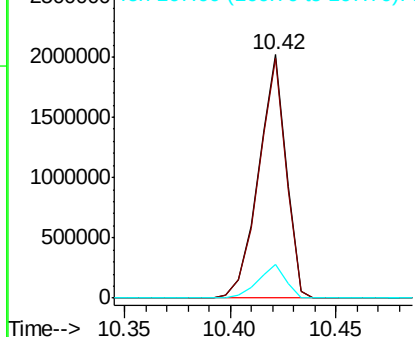


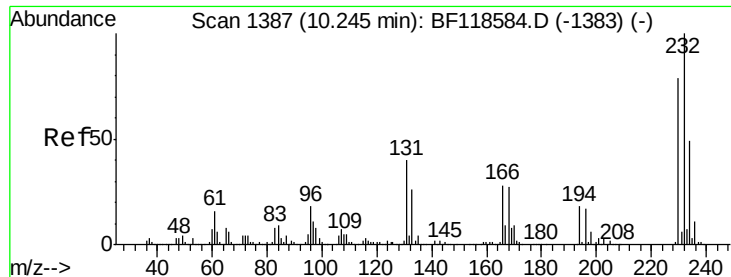
#58  
Fluorene  
Concen: 39.513 ng  
RT: 10.42 min Scan# 1417  
Delta R.T. -0.02 min  
Lab File: BF118774.D  
Acq: 31 Jan 2020 11:33

|     |         |       |         |
|-----|---------|-------|---------|
| Tgt | Ion:166 | Resp: | 1826862 |
| Ion | Ratio   | Lower | Upper   |
| 166 | 100     |       |         |
| 165 | 98.3    | 78.6  | 118.0   |
| 167 | 14.0    | 11.4  | 17.2    |



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

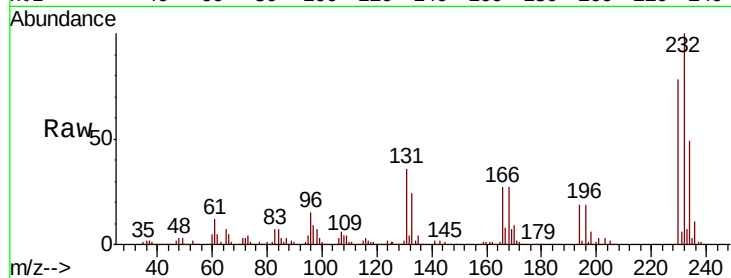




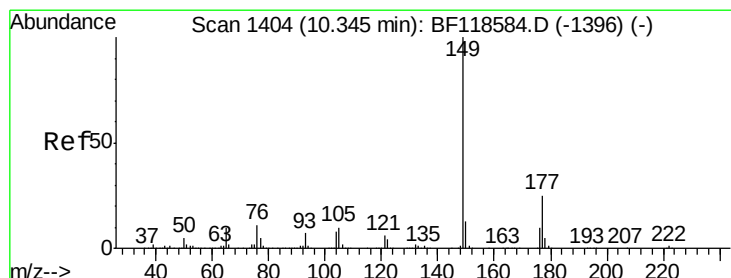
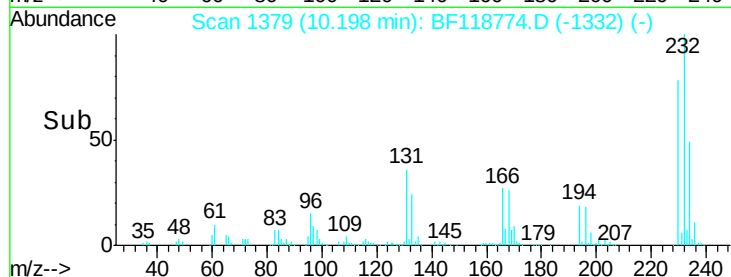
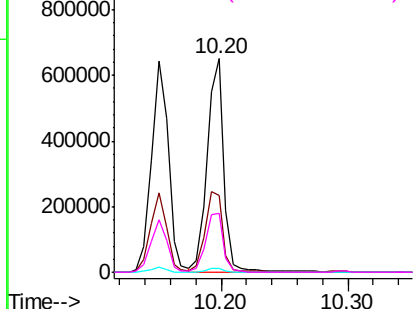
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.077 ng  
RT: 10.20 min Scan# 1379  
Delta R.T. -0.02 min  
Lab File: BF118774.D  
Acq: 31 Jan 2020 11:33

Instrument :  
BNA\_F  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 39.8  | 31.8  | 47.6  |
| 130     | 2.0   | 1.5   | 2.3   |
| 166     | 28.9  | 22.8  | 34.2  |

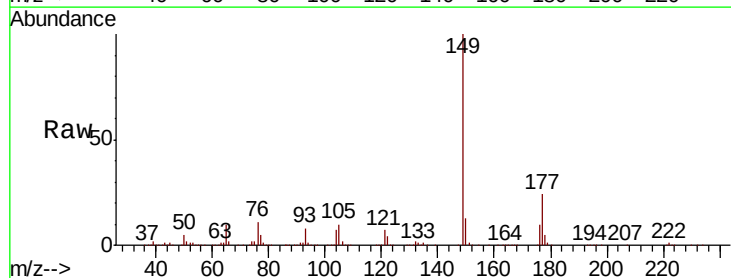


Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E

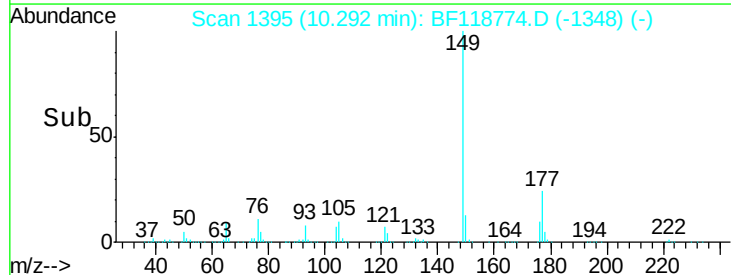
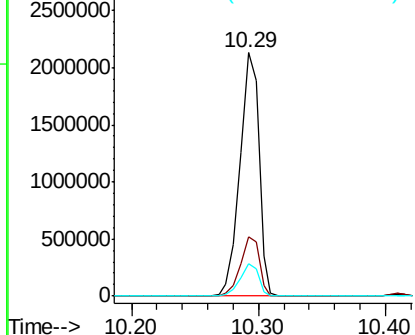


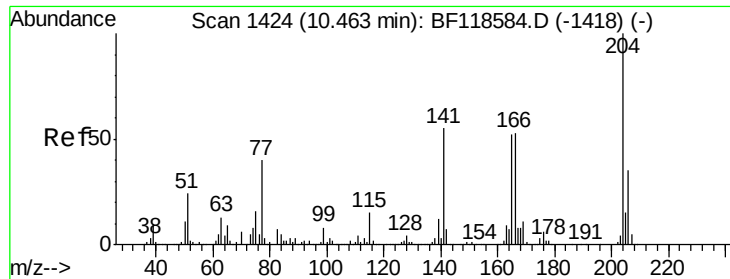
#60  
Diethylphthalate  
Concen: 44.798 ng  
RT: 10.29 min Scan# 1395  
Delta R.T. -0.02 min  
Lab File: BF118774.D  
Acq: 31 Jan 2020 11:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.2  | 19.1  | 28.7  |
| 150     | 13.4  | 10.5  | 15.7  |



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

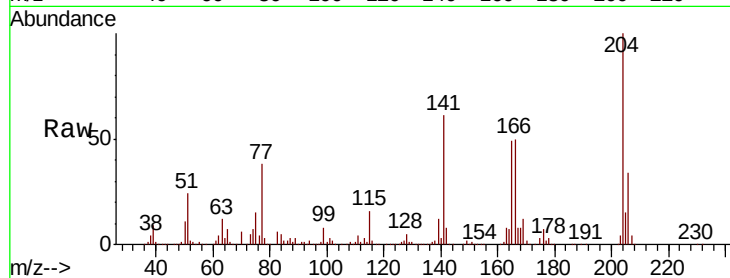




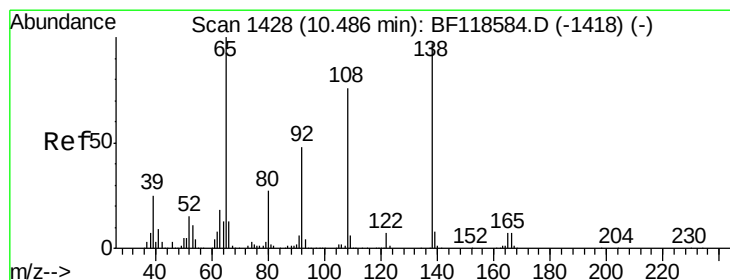
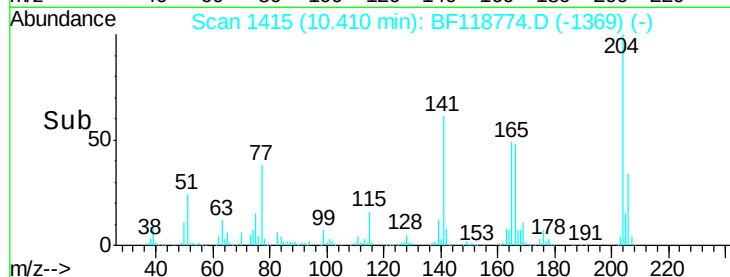
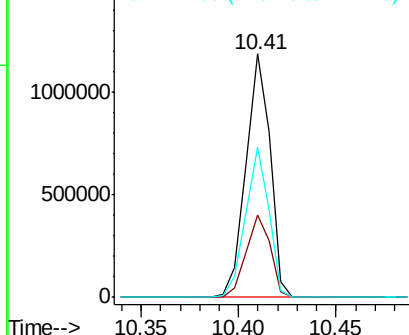
#61  
 4-Chlorophenyl-phenylether  
 Concen: 40.473 ng  
 RT: 10.41 min Scan# 1415  
 Delta R.T. -0.03 min  
 Lab File: BF118774.D  
 Acq: 31 Jan 2020 11:33

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:204 Resp: 1017737  
 Ion Ratio Lower Upper  
 204 100  
 206 34.0 27.0 40.6  
 141 61.4 43.9 65.9

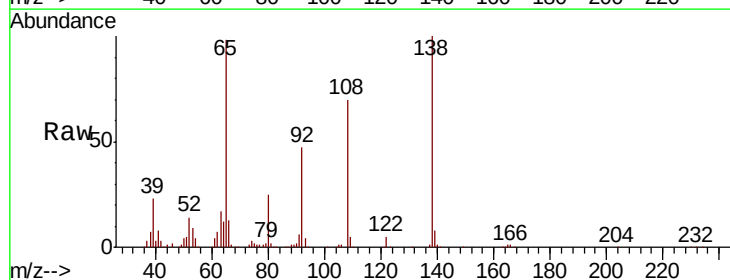


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

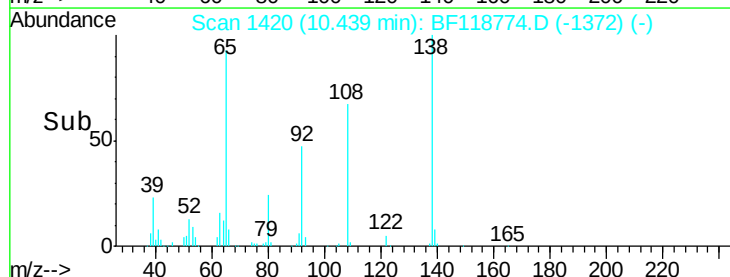
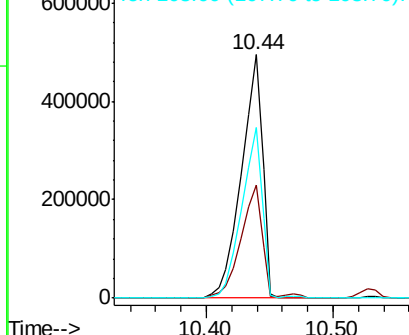


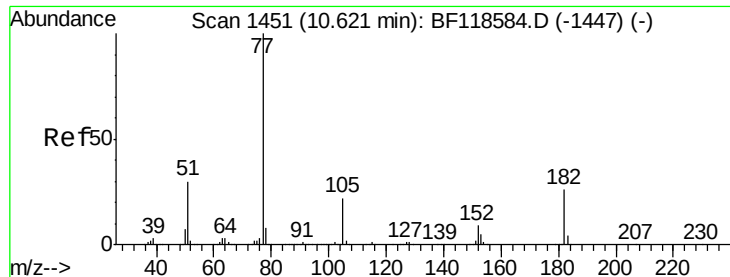
#62  
 4-Nitroaniline  
 Concen: 43.049 ng  
 RT: 10.44 min Scan# 1420  
 Delta R.T. -0.02 min  
 Lab File: BF118774.D  
 Acq: 31 Jan 2020 11:33

Tgt Ion:138 Resp: 572093  
 Ion Ratio Lower Upper  
 138 100  
 92 46.7 29.2 69.2  
 108 70.0 50.8 90.8



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: 39.118 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

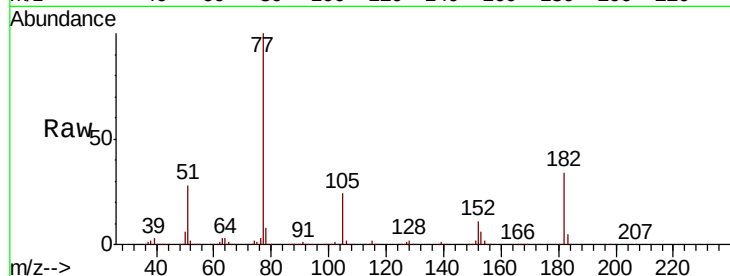
Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 77 Resp: 1861112

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 34.2  | 12.3  | 52.3  |
| 105 | 24.3  | 4.0   | 44.0  |
| 51  | 27.7  | 7.2   | 47.2  |

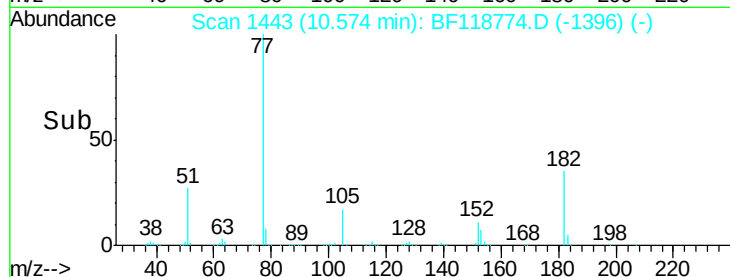


Abundance Ion 77.00 (76.70 to 77.70): BF1

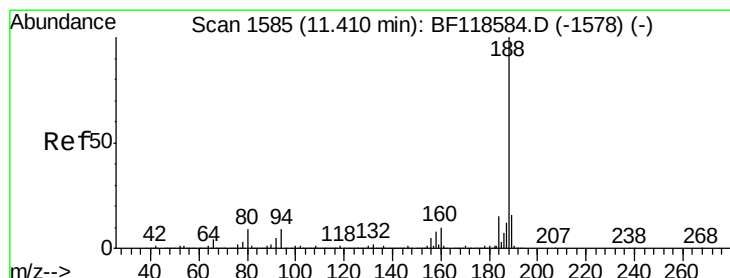
Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

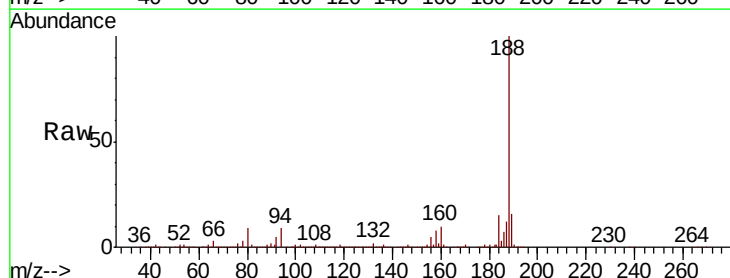
Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Tgt Ion: 188 Resp: 1428555

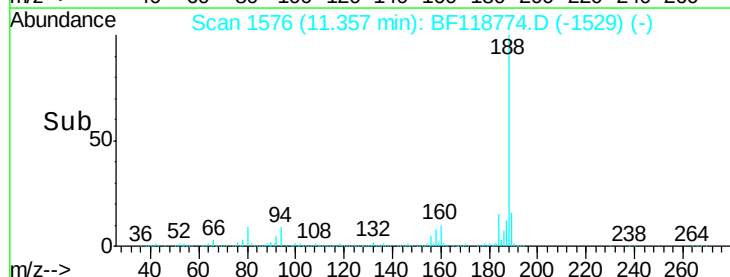
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 8.6   | 7.4   | 11.2  |
| 80  | 9.2   | 7.8   | 11.8  |



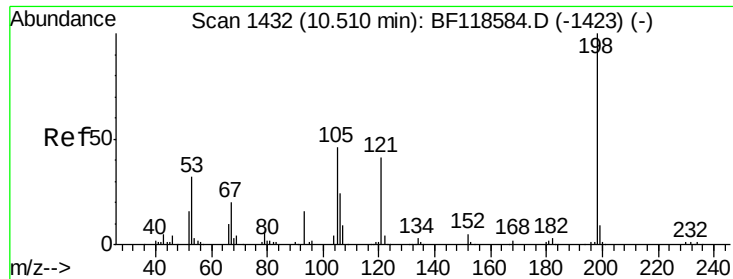
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 58.669 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Instrument :

BNA\_F

ClientSampleId :

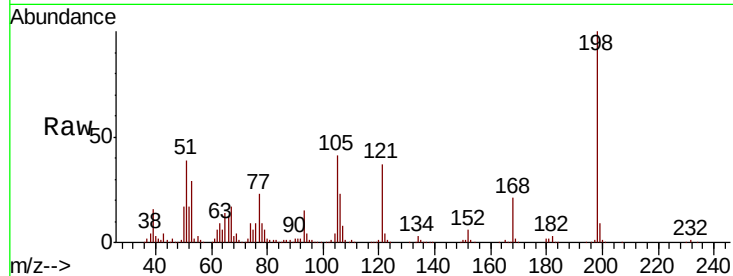
Tot Ion:198 Resp: 368540

Ion Ratio Lower Upper

198 100

51 39.0 9.6 49.6

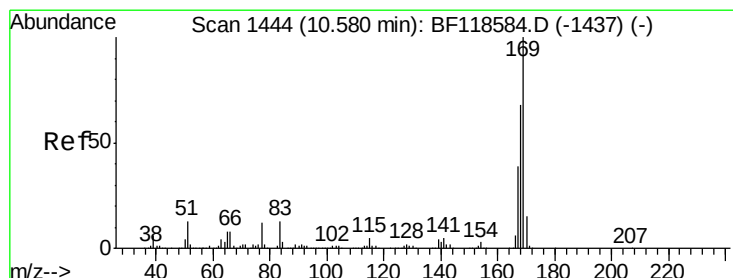
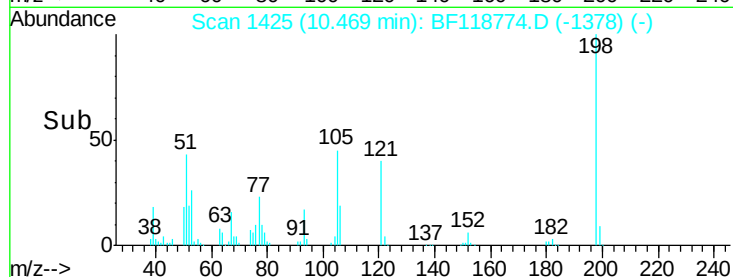
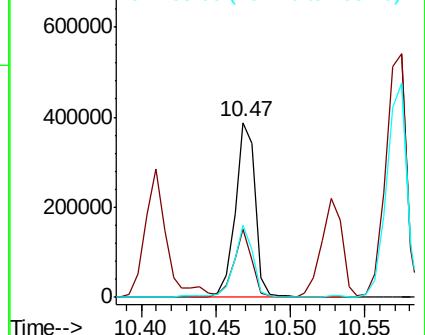
105 41.3 15.5 55.5



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: 41.241 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.03 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

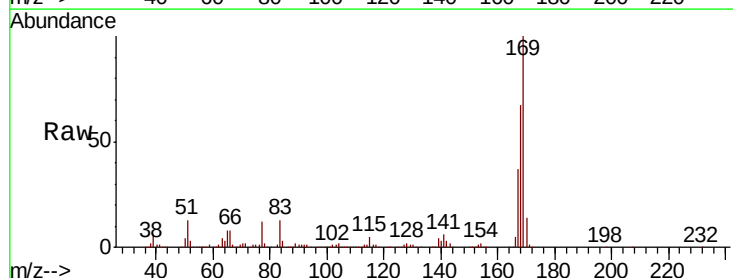
Tgt Ion:169 Resp: 1776726

Ion Ratio Lower Upper

169 100

168 67.2 53.4 80.0

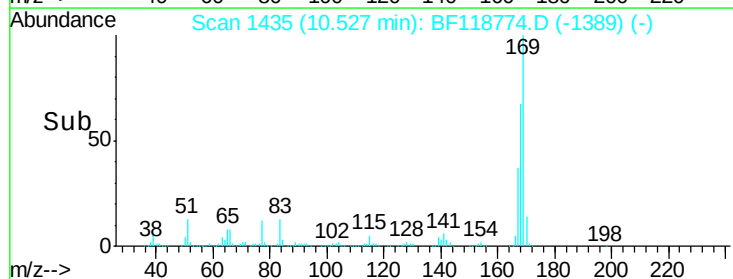
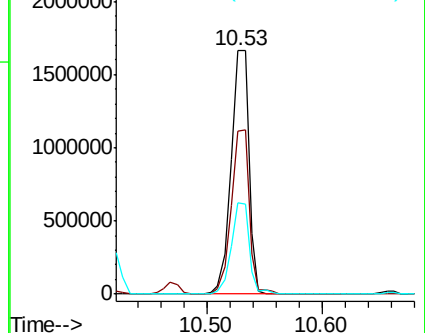
167 37.4 29.2 43.8

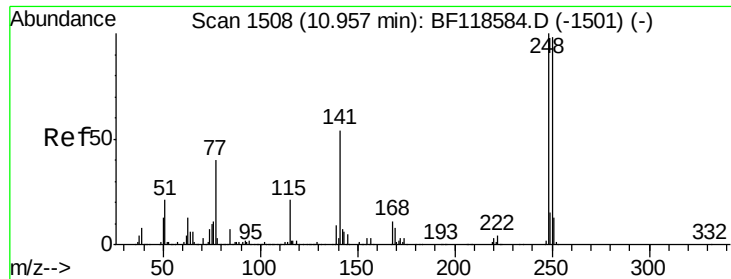


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

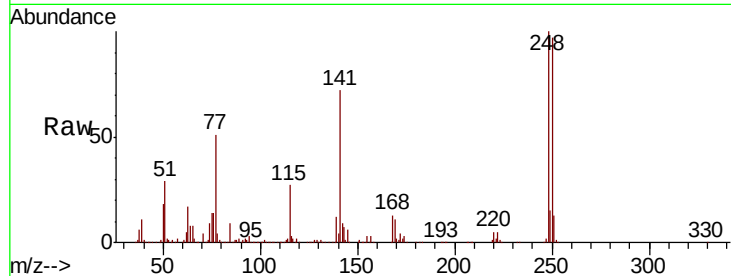




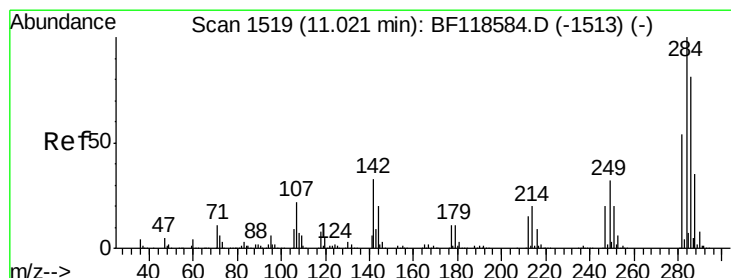
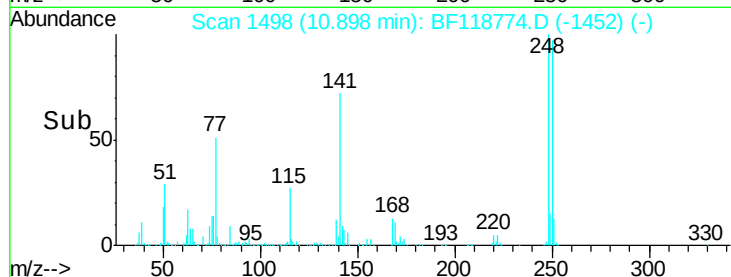
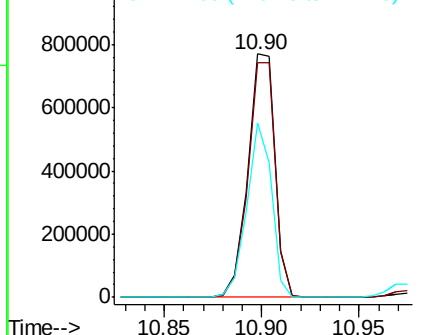
#67  
4-Bromophenyl-phenylether  
Concen: 41.819 ng  
RT: 10.90 min Scan# 1498  
Delta R.T. -0.03 min  
Lab File: BF118774.D  
Acq: 31 Jan 2020 11:33

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:248 Resp: 738081  
Ion Ratio Lower Upper  
248 100  
250 96.5 78.7 118.1  
141 71.7 48.4 72.6

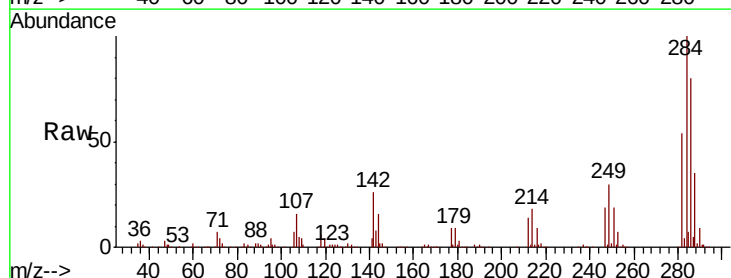


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

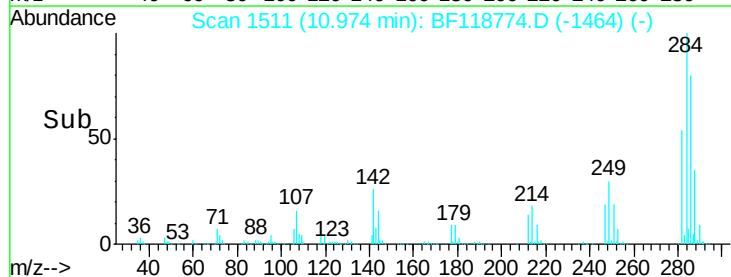
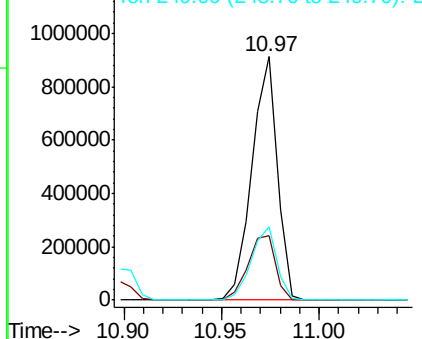


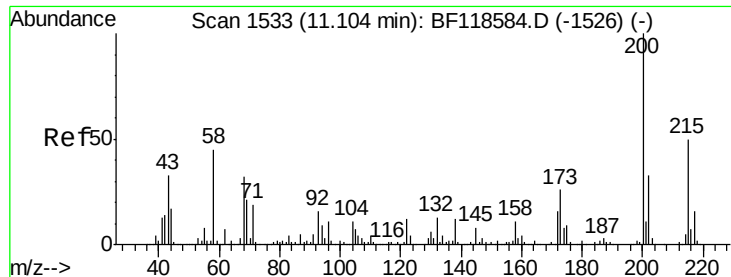
#68  
Hexachlorobenzene  
Concen: 41.286 ng  
RT: 10.97 min Scan# 1511  
Delta R.T. -0.02 min  
Lab File: BF118774.D  
Acq: 31 Jan 2020 11:33

Tgt Ion:284 Resp: 826112  
Ion Ratio Lower Upper  
284 100  
142 26.5 23.1 34.7  
249 30.3 24.0 36.0



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

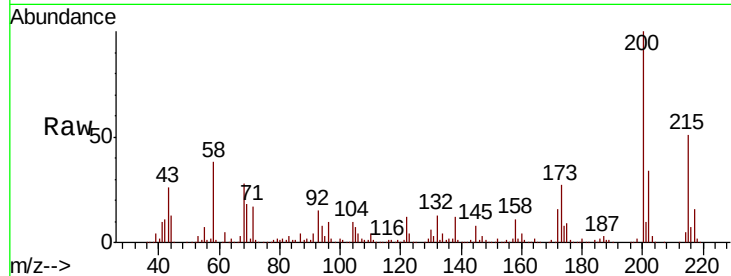




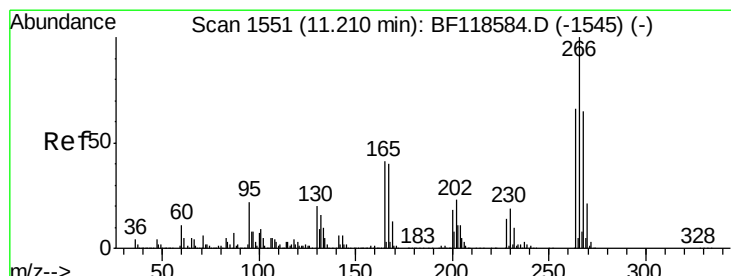
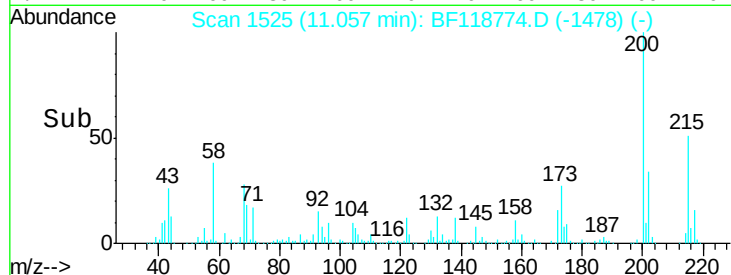
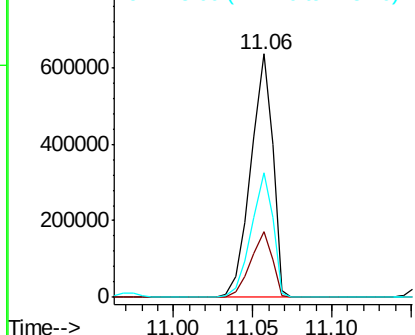
#69  
 Atrazine  
 Concen: 40.917 ng  
 RT: 11.06 min Scan# 1525  
 Delta R.T. -0.02 min  
 Lab File: BF118774.D  
 Acq: 31 Jan 2020 11:33

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.8  | 6.8   | 46.8  |
| 215     | 51.0  | 30.4  | 70.4  |

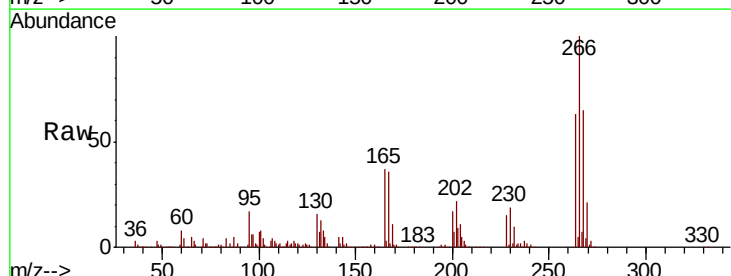


Abundance Ion 200.00 (199.70 to 200.70): E  
 Ion 173.00 (172.70 to 173.70): E  
 Ion 215.00 (214.70 to 215.70): E

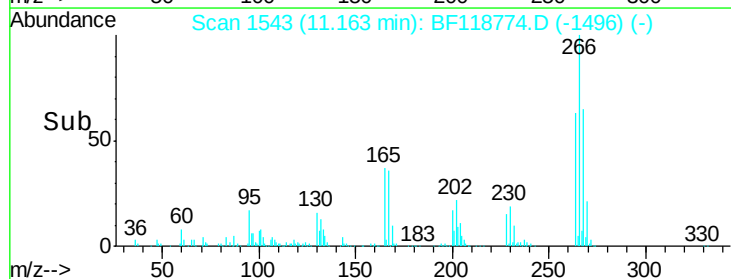
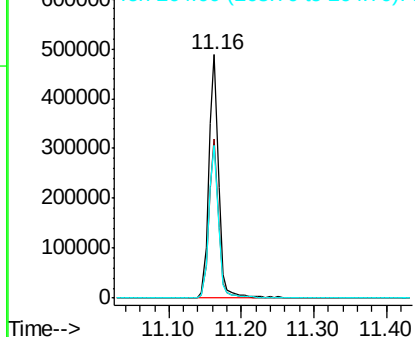


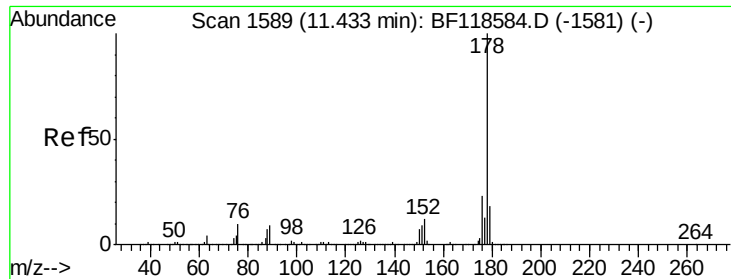
#70  
 Pentachlorophenol  
 Concen: 41.414 ng  
 RT: 11.16 min Scan# 1543  
 Delta R.T. -0.02 min  
 Lab File: BF118774.D  
 Acq: 31 Jan 2020 11:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 65.1  | 51.6  | 77.4  |
| 264     | 62.7  | 50.9  | 76.3  |



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: 40.524 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Instrument :

BNA\_F

ClientSampleId :

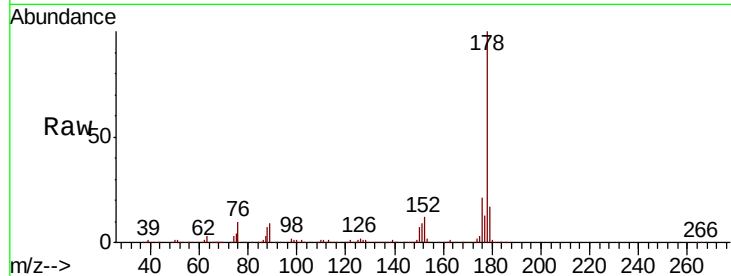
Tot Ion:178 Resp: 2792927

Ion Ratio Lower Upper

178 100

176 21.2 16.5 24.7

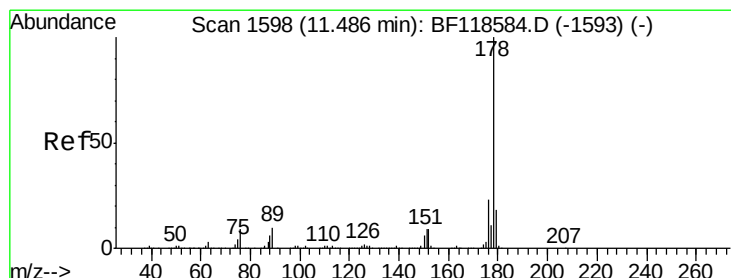
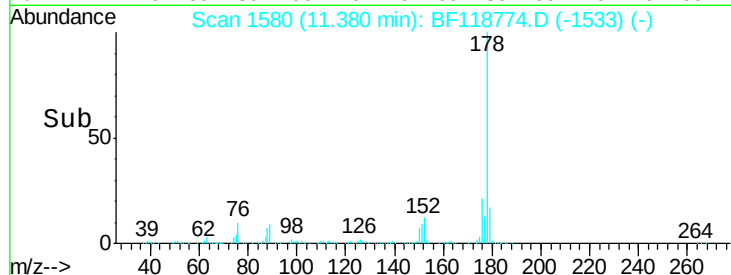
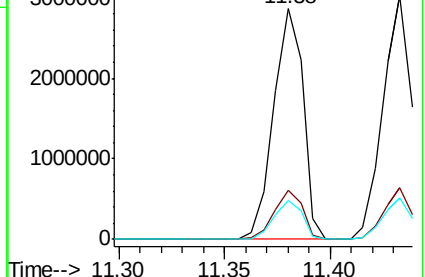
179 16.9 13.3 19.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.662 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

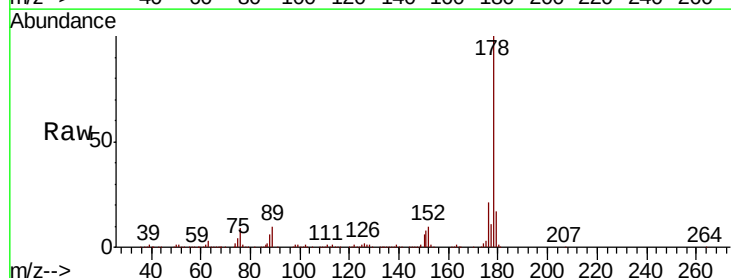
Tgt Ion:178 Resp: 2841178

Ion Ratio Lower Upper

178 100

176 21.1 15.8 23.8

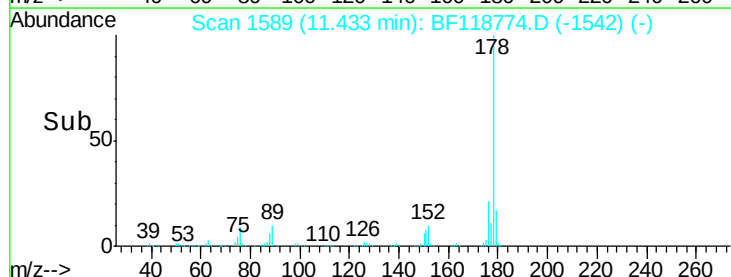
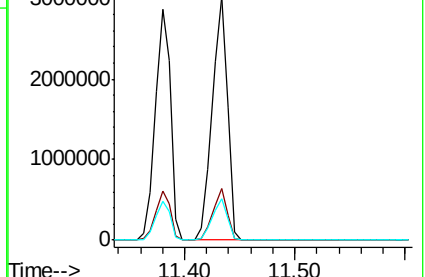
179 17.2 13.3 19.9



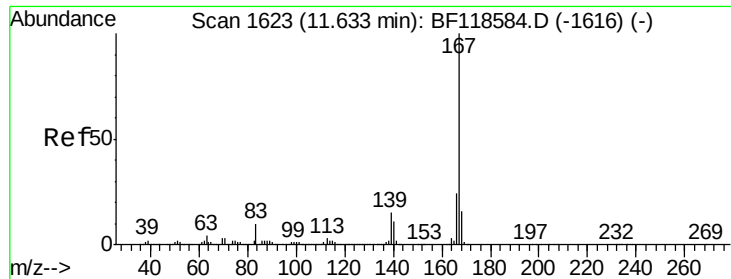
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





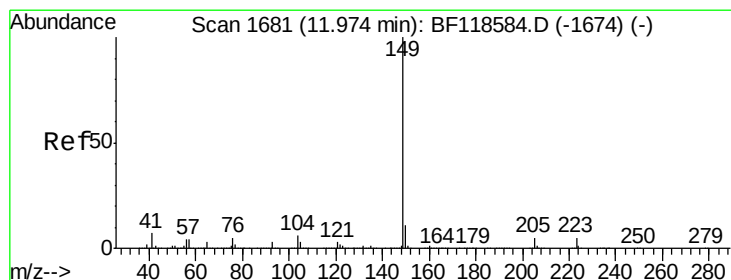
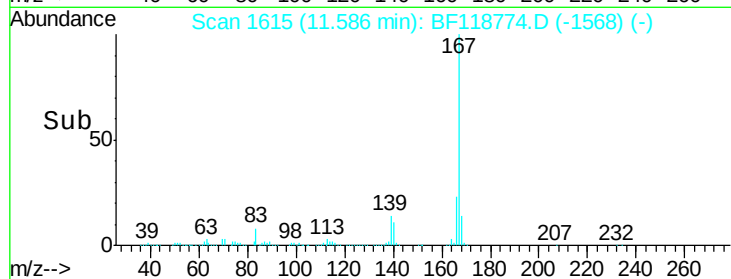
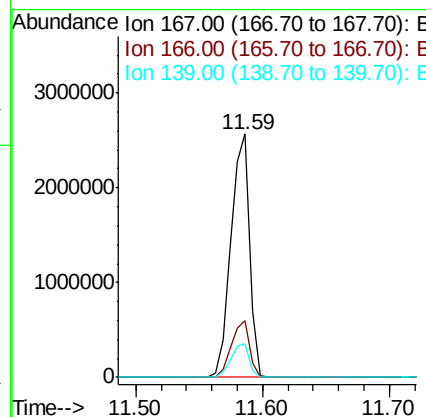
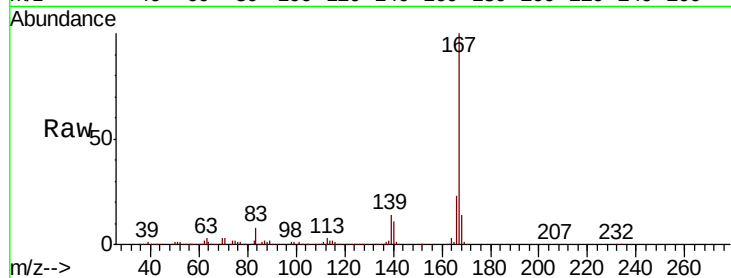


#73  
 Carbazole  
 Concen: 41.382 ng  
 RT: 11.59 min Scan# 1615  
 Delta R.T. -0.02 min  
 Lab File: BF118774.D  
 Acq: 31 Jan 2020 11:33

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:167 Resp: 2588535  

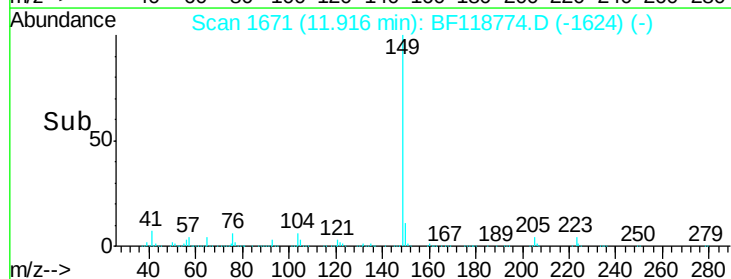
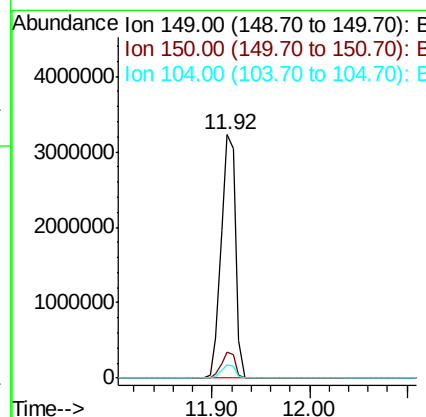
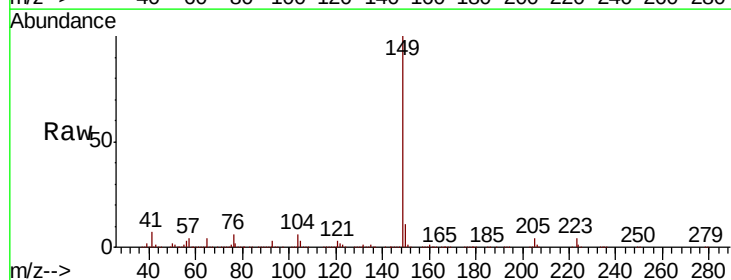
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 23.3  | 18.3  | 27.5  |
| 139 | 14.0  | 11.0  | 16.4  |

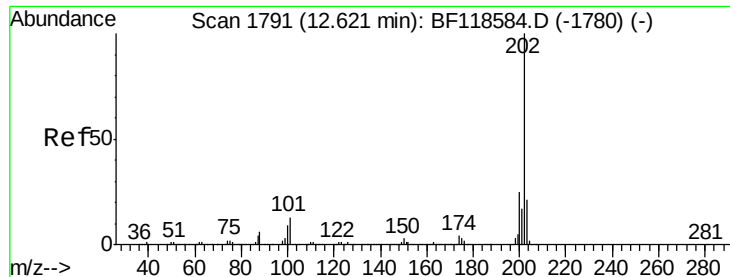


#74  
 Di-n-butylphthalate  
 Concen: 47.462 ng  
 RT: 11.92 min Scan# 1671  
 Delta R.T. -0.02 min  
 Lab File: BF118774.D  
 Acq: 31 Jan 2020 11:33

Tgt Ion:149 Resp: 3298452  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 10.8  | 8.2   | 12.2  |
| 104 | 5.7   | 4.2   | 6.4   |





#75

Fluoranthene

Concen: 42.095 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Instrument :

BNA\_F

ClientSampleId :

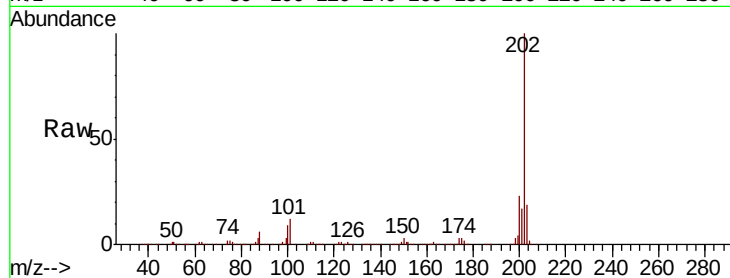
Tot Ion:202 Resp: 3059909

Ion Ratio Lower Upper

202 100

101 12.1 0.0 32.1

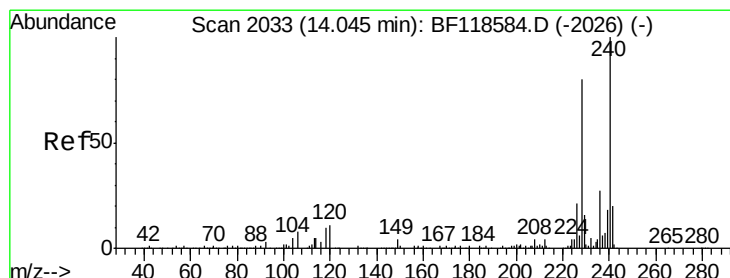
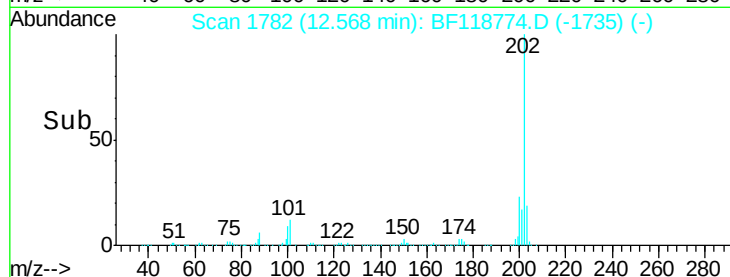
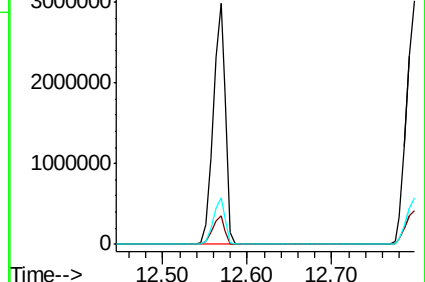
203 19.5 0.0 38.9



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: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

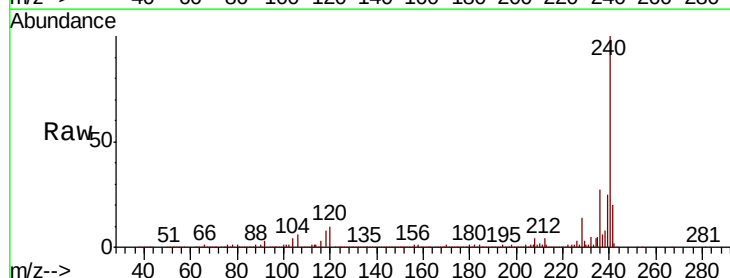
Tgt Ion:240 Resp: 1025377

Ion Ratio Lower Upper

240 100

120 9.5 7.6 11.4

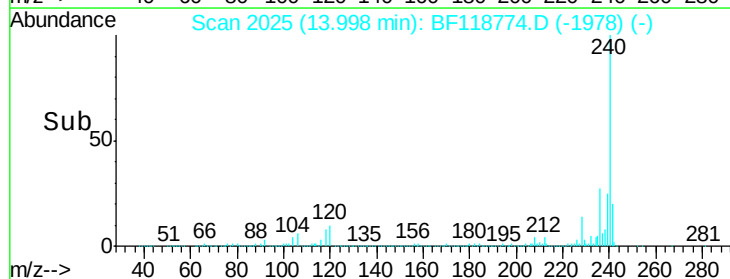
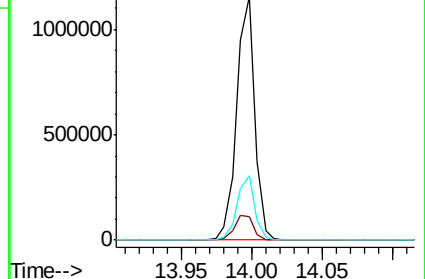
236 26.7 21.0 31.4

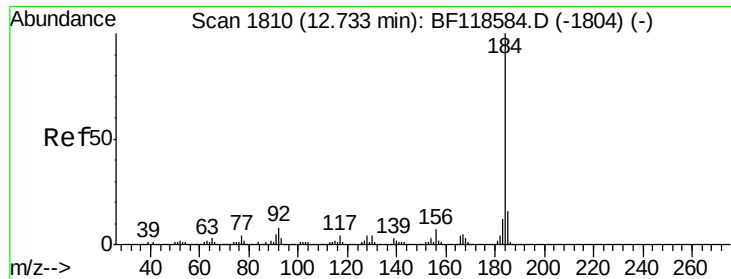


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 49.920 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.03 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

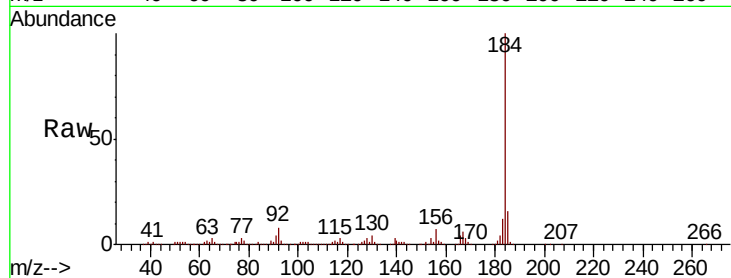
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:184 Resp: 1367682

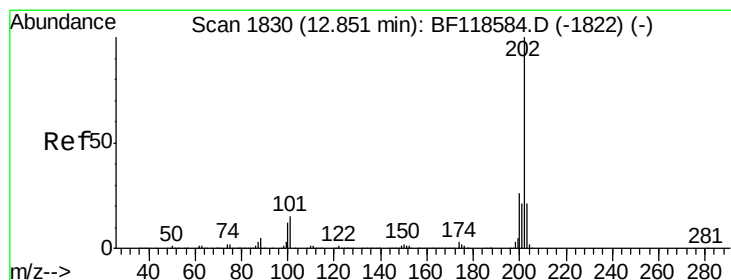
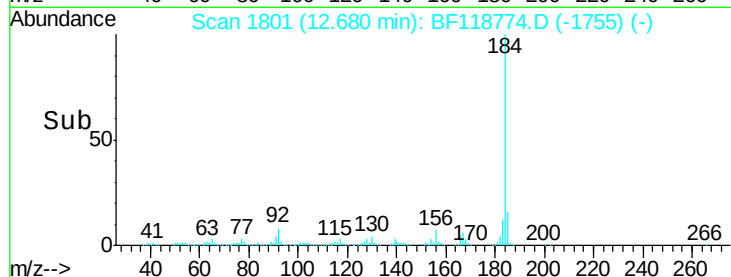
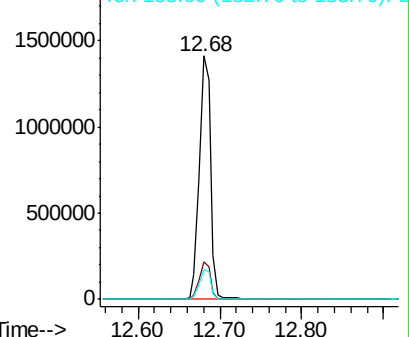
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 15.5  | 11.8  | 17.8  |
| 183 | 12.3  | 9.7   | 14.5  |



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: 43.942 ng

RT: 12.80 min Scan# 1821

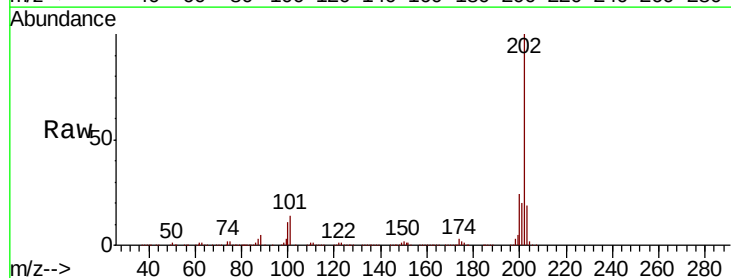
Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Tgt Ion:202 Resp: 3059005

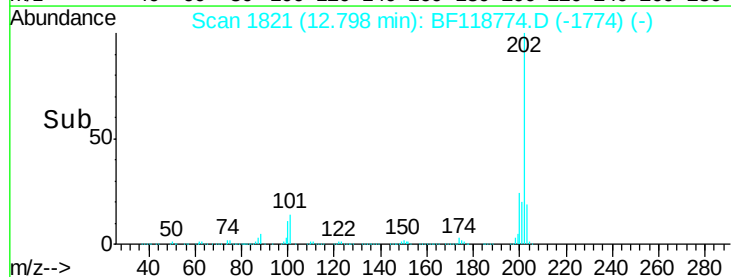
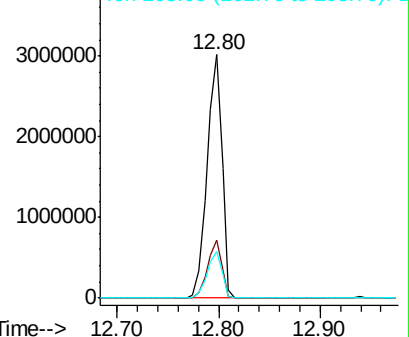
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 23.6  | 18.1  | 27.1  |
| 203 | 19.2  | 15.2  | 22.8  |

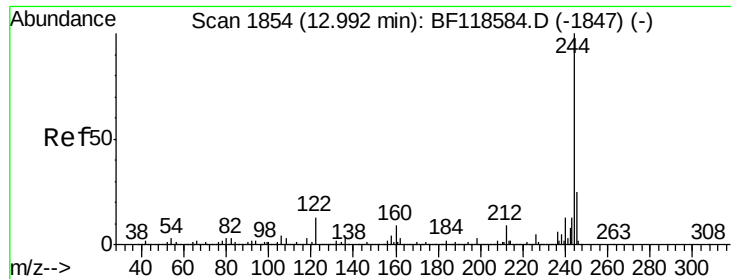


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 89.911 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Instrument :

BNA\_F

ClientSampleId :

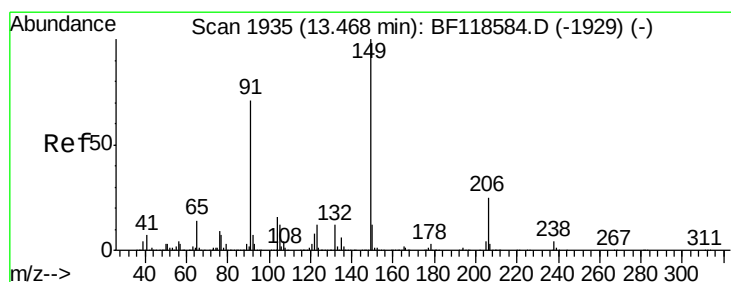
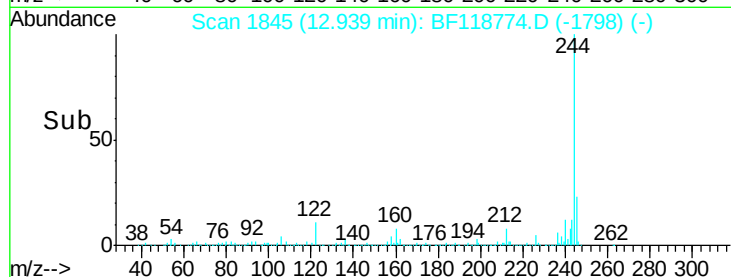
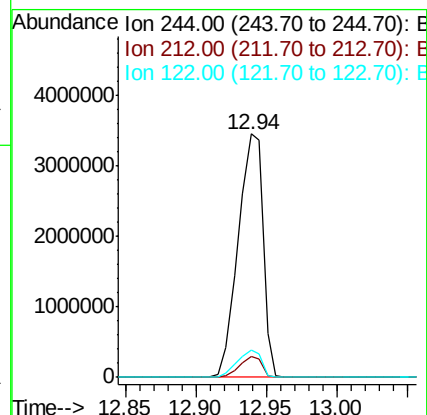
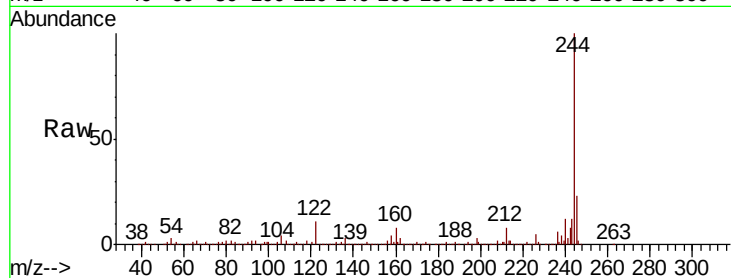
Tot Ion:244 Resp: 4226892

Ion Ratio Lower Upper

244 100

212 8.3 6.3 9.5

122 11.5 9.2 13.8



#80

Butylbenzylphthalate

Concen: 50.850 ng

RT: 13.42 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

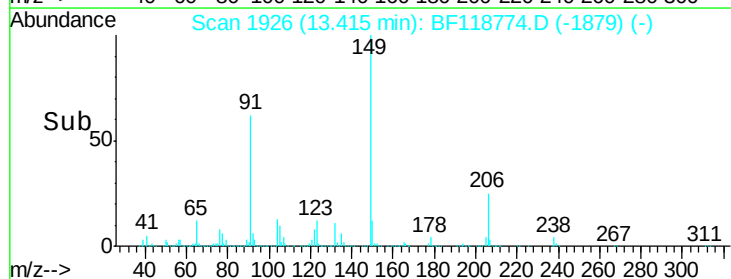
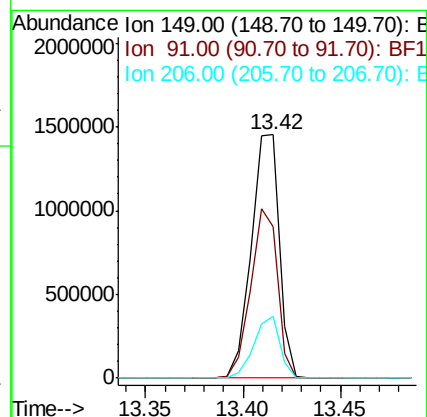
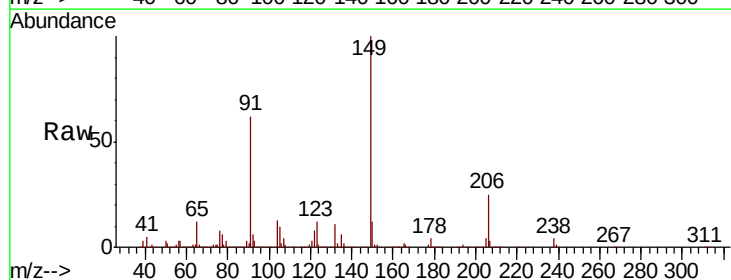
Tgt Ion:149 Resp: 1448736

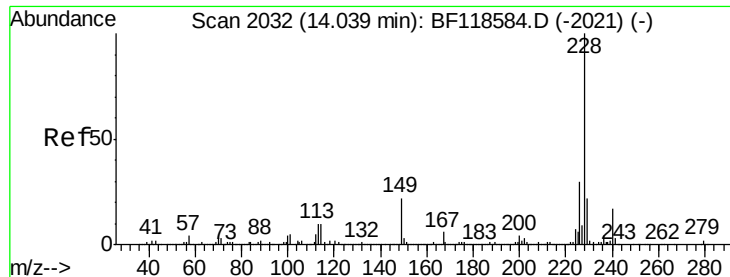
Ion Ratio Lower Upper

149 100

91 62.5 49.6 74.4

206 25.2 19.9 29.9

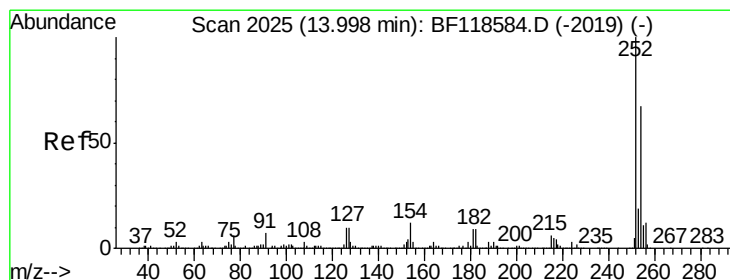
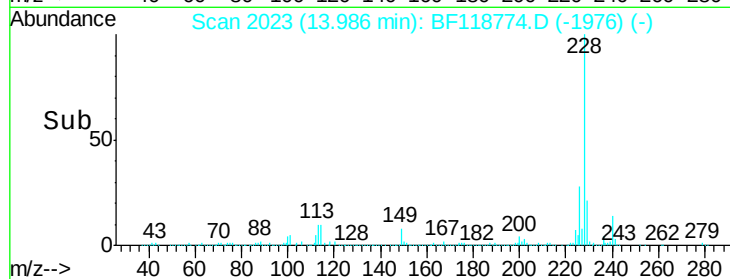
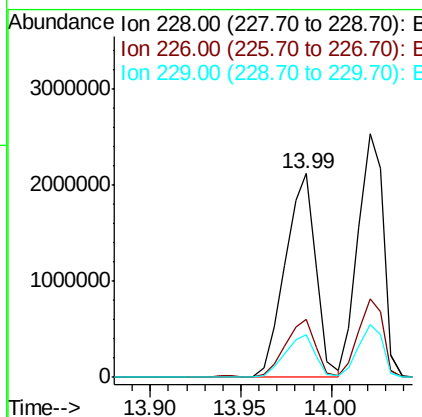
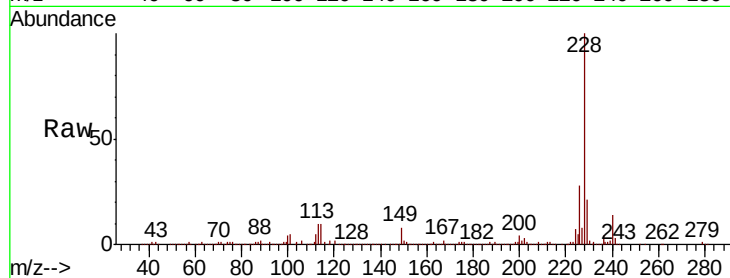




#81  
Benzo(a)anthracene  
Concen: 40.811 ng  
RT: 13.99 min Scan# 2023  
Delta R.T. -0.02 min  
Lab File: BF118774.D  
Acq: 31 Jan 2020 11:33

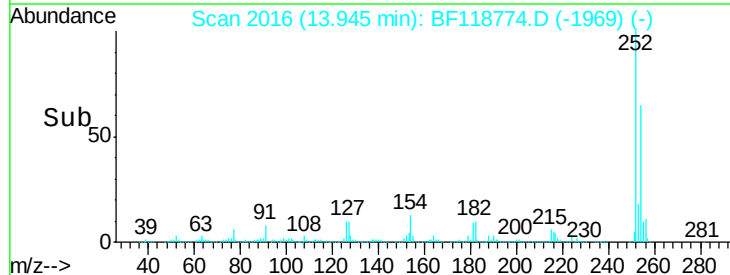
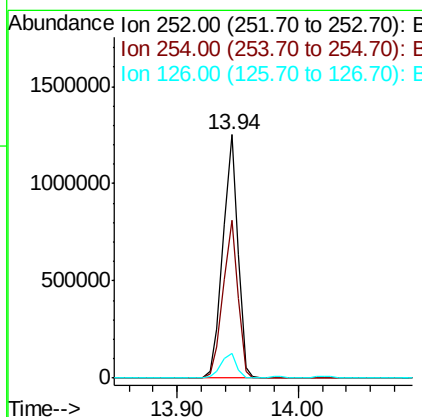
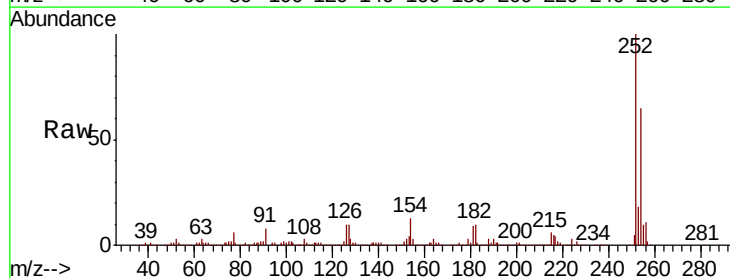
Instrument :  
BNA\_F  
ClientSampleId :

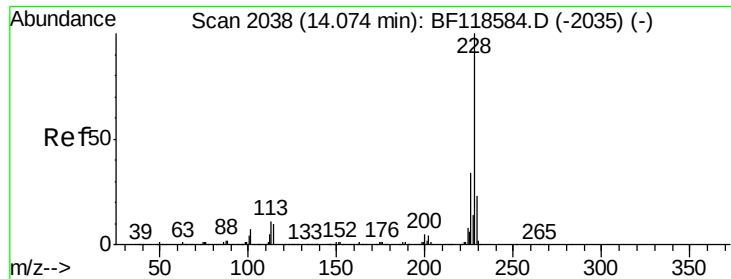
Tot Ion:228 Resp: 2517313  
Ion Ratio Lower Upper  
228 100  
226 28.4 22.6 34.0  
229 20.8 16.6 25.0



#82  
3,3'-Dichlorobenzidine  
Concen: 48.845 ng  
RT: 13.94 min Scan# 2016  
Delta R.T. -0.02 min  
Lab File: BF118774.D  
Acq: 31 Jan 2020 11:33

Tgt Ion:252 Resp: 1073581  
Ion Ratio Lower Upper  
252 100  
254 64.6 52.6 78.8  
126 10.1 8.1 12.1

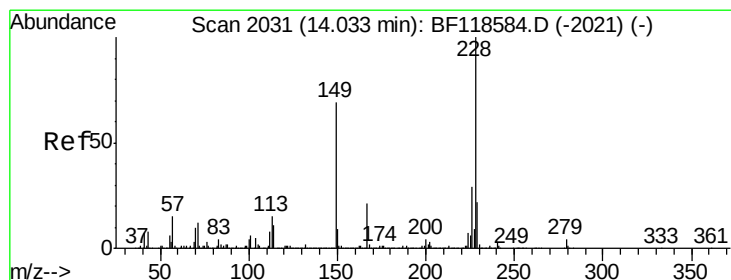
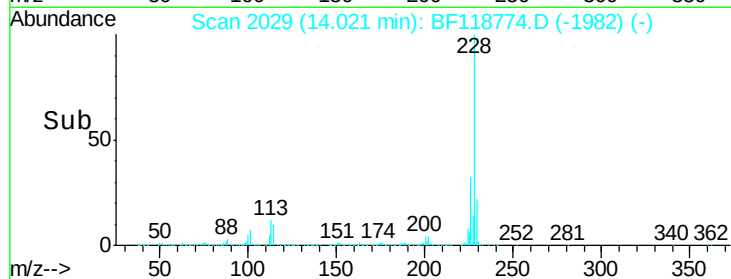
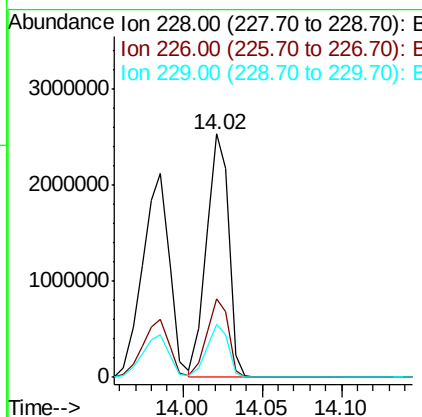
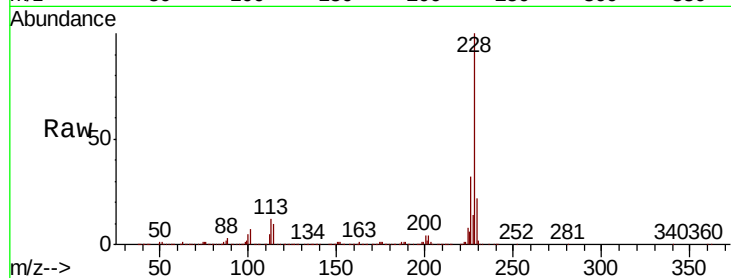




#83  
 Chrysene  
 Concen: 42.097 ng  
 RT: 14.02 min Scan# 2029  
 Delta R.T. -0.02 min  
 Lab File: BF118774.D  
 Acq: 31 Jan 2020 11:33

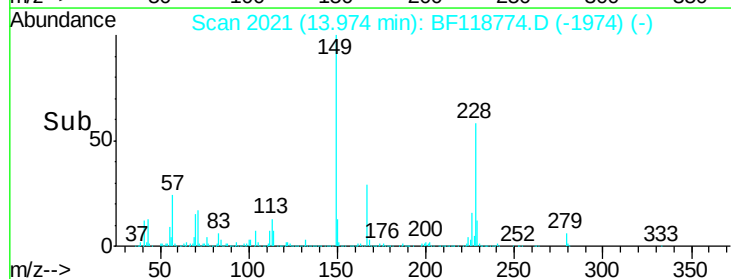
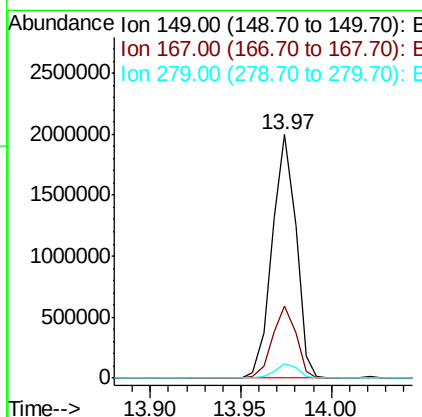
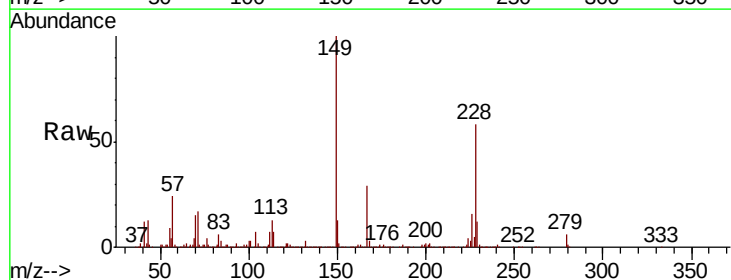
Instrument :  
 BNA\_F  
 ClientSampleId :

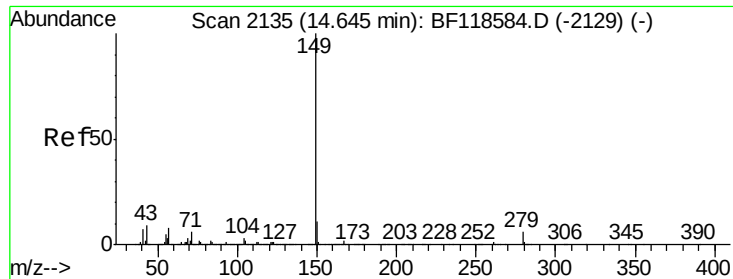
Tot Ion:228 Resp: 2488578  
 Ion Ratio Lower Upper  
 228 100  
 226 32.5 25.6 38.4  
 229 21.6 17.1 25.7



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 52.508 ng  
 RT: 13.97 min Scan# 2021  
 Delta R.T. -0.02 min  
 Lab File: BF118774.D  
 Acq: 31 Jan 2020 11:33

Tgt Ion:149 Resp: 1827672  
 Ion Ratio Lower Upper  
 149 100  
 167 29.4 23.6 35.4  
 279 5.8 4.5 6.7





#85

Di-n-octyl phthalate

Concen: 57.145 ng

RT: 14.59 min Scan# 2125

Delta R.T. -0.02 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Instrument :

BNA\_F

ClientSampleId :

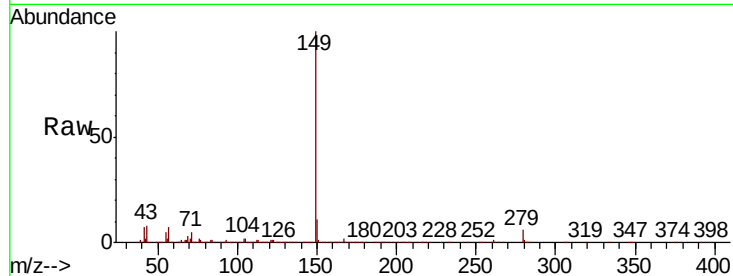
Tot Ion:149 Resp: 2944203

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

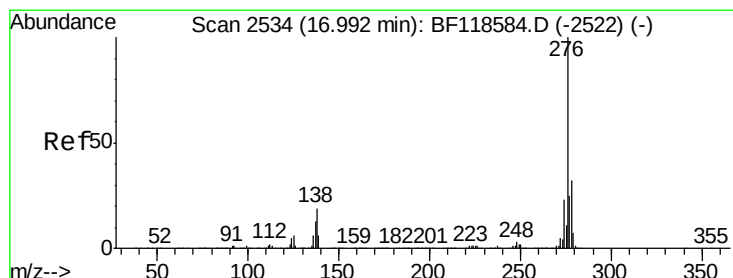
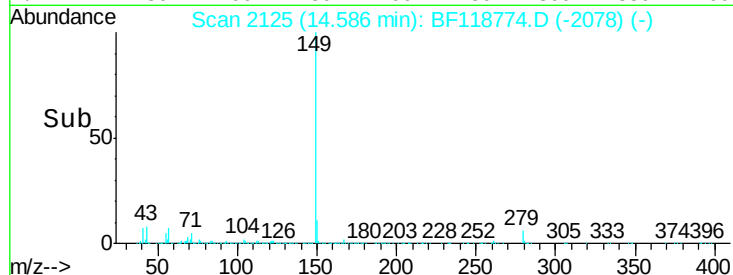
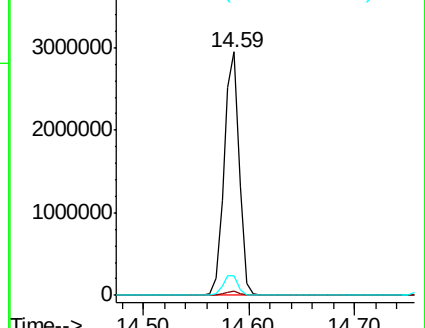
43 8.4 6.6 10.0



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: 44.361 ng

RT: 16.90 min Scan# 2518

Delta R.T. -0.05 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

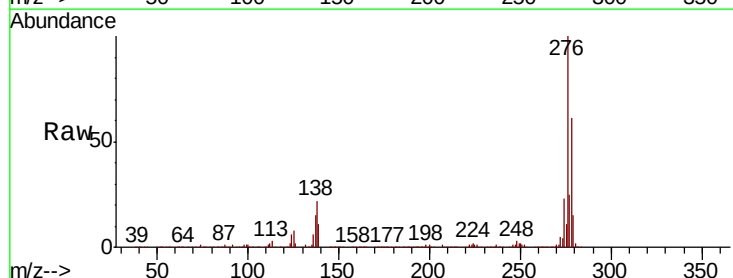
Tgt Ion:276 Resp: 2278623

Ion Ratio Lower Upper

276 100

138 23.1 18.2 27.4

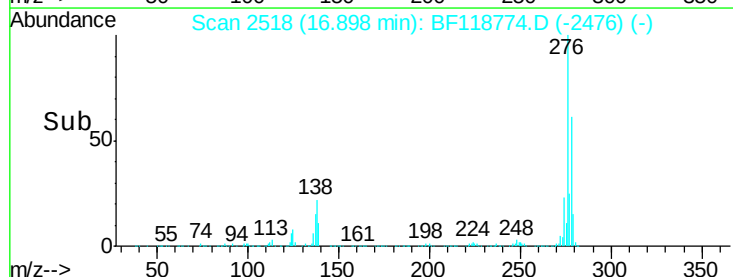
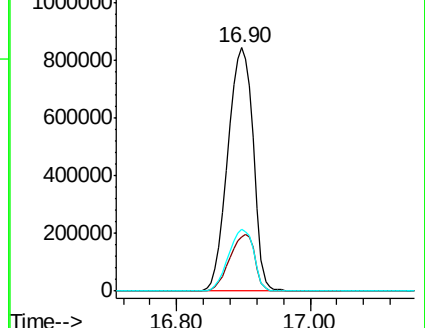
277 25.5 20.4 30.6

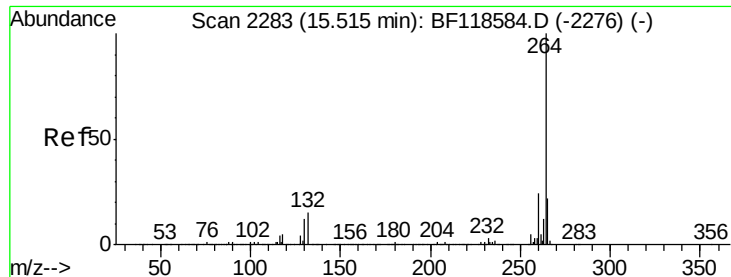


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



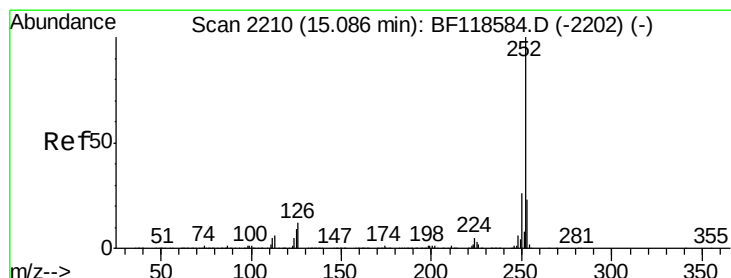
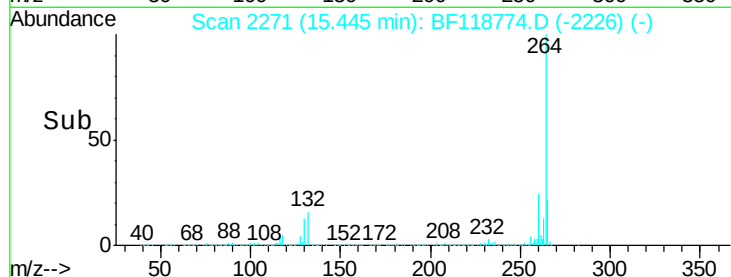
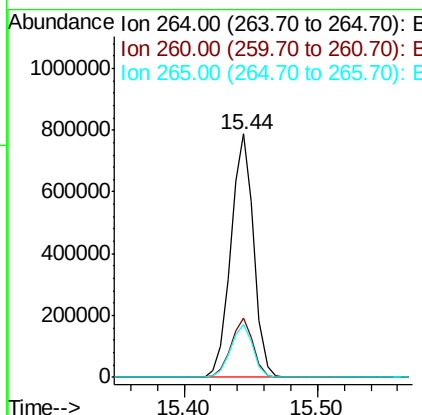
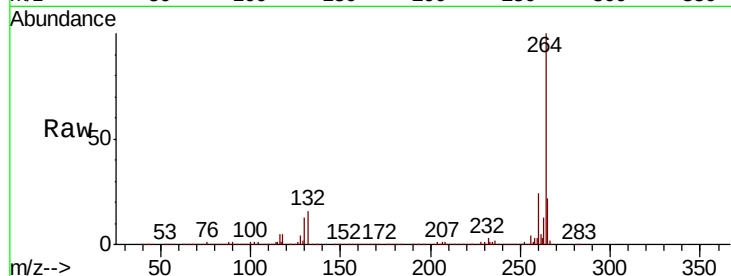


#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.44 min Scan# 2271  
Delta R.T. -0.04 min  
Lab File: BF118774.D  
Acq: 31 Jan 2020 11:33

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:264 Resp: 941892  

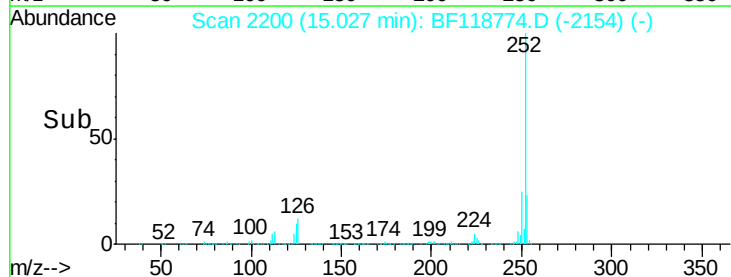
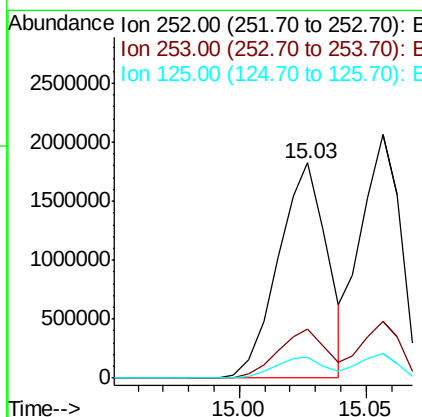
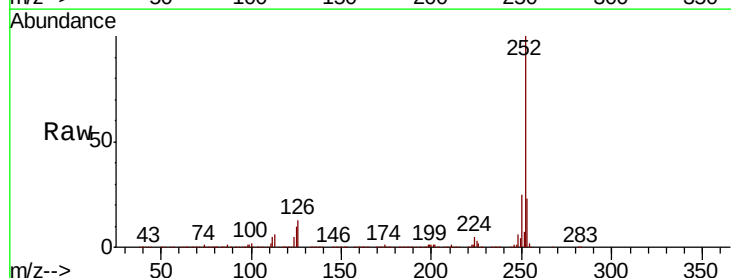
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.1  | 18.6  | 28.0  |
| 265 | 21.5  | 17.0  | 25.6  |



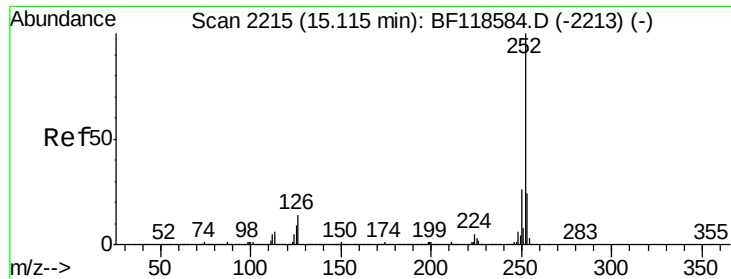
#88  
Benzo(b)fluoranthene  
Concen: 41.367 ng  
RT: 15.03 min Scan# 2200  
Delta R.T. -0.03 min  
Lab File: BF118774.D  
Acq: 31 Jan 2020 11:33

Tgt Ion:252 Resp: 2449104  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.0  | 18.2  | 27.4  |
| 125 | 9.8   | 7.7   | 11.5  |







#89

Benzo(k)fluoranthene

Concen: 41.176 ng

RT: 15.06 min Scan# 2205

Delta R.T. -0.03 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Instrument :

BNA\_F

ClientSampleId :

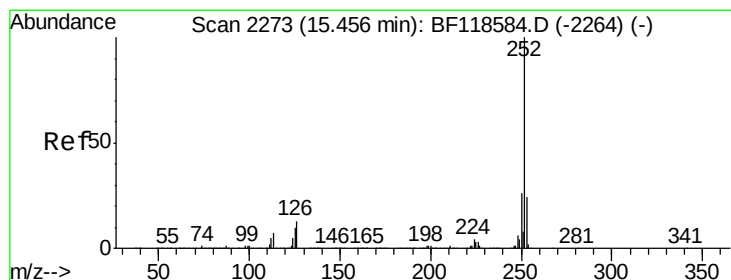
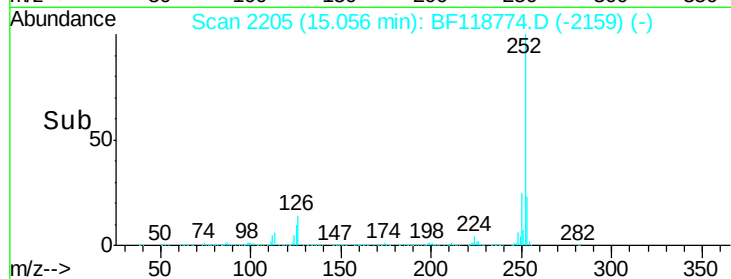
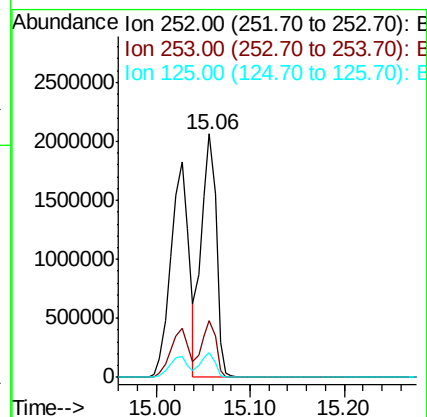
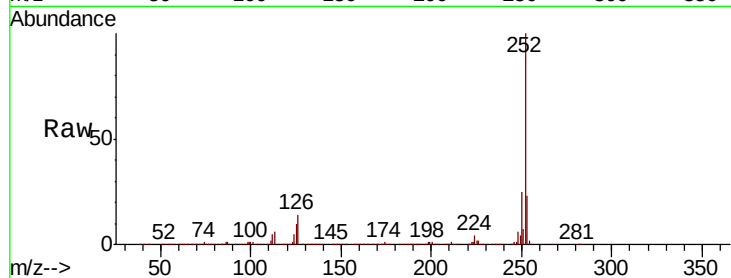
Tot Ion:252 Resp: 2258509

Ion Ratio Lower Upper

252 100

253 23.2 18.4 27.6

125 10.1 8.1 12.1



#90

Benzo(a)pyrene

Concen: 40.552 ng

RT: 15.39 min Scan# 2261

Delta R.T. -0.04 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

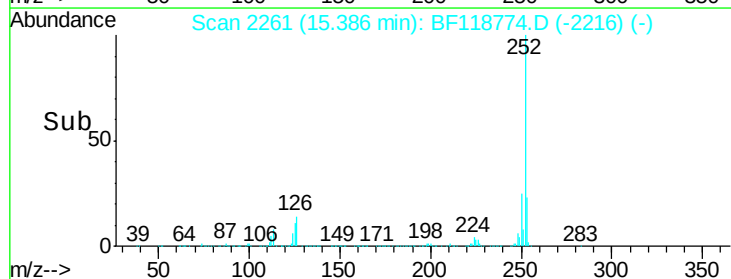
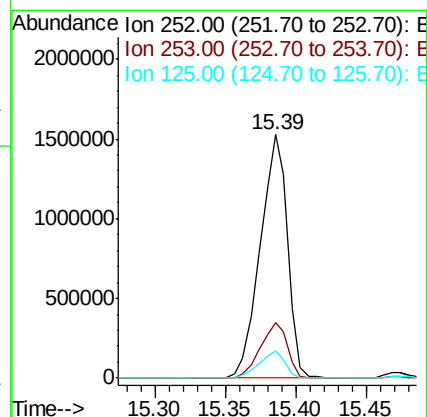
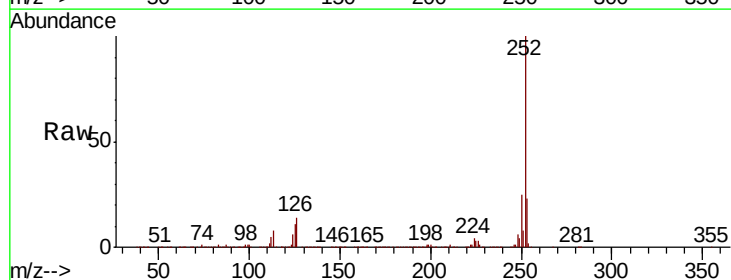
Tgt Ion:252 Resp: 2071049

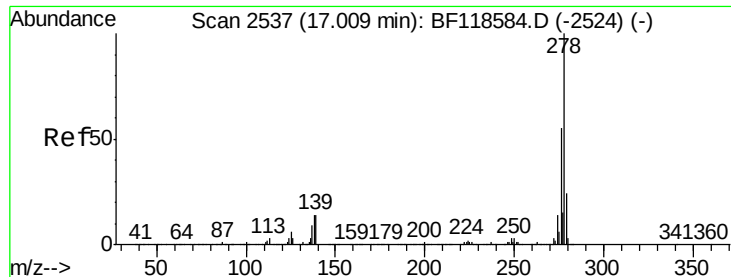
Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.4

125 11.1 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 41.190 ng

RT: 16.92 min Scan# 2521

Delta R.T. -0.05 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

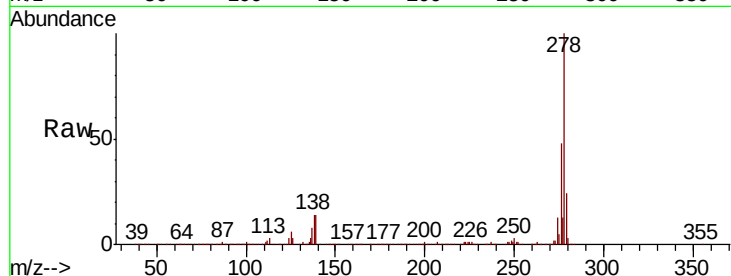
Instrument :

BNA\_F

ClientSampled :

Tot Ion:278 Resp: 1860794

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 13.9  | 11.8  | 17.6  |
| 279 | 23.6  | 19.1  | 28.7  |

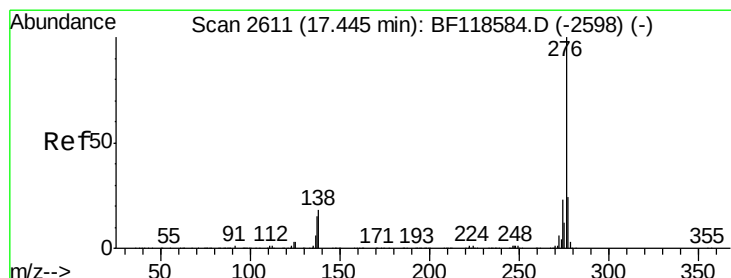
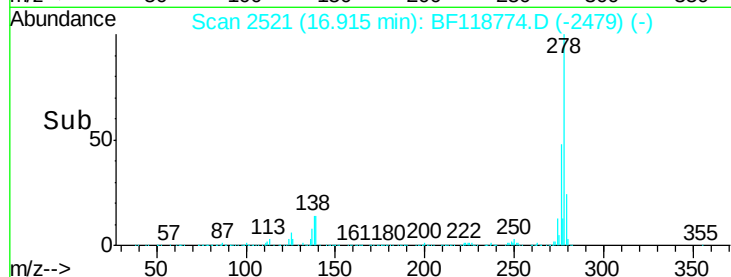
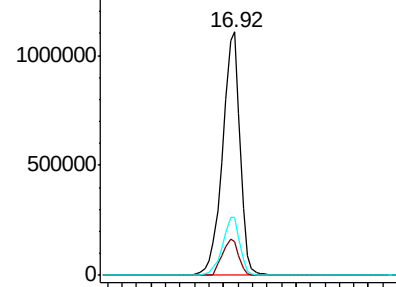


Abundance

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: 41.121 ng

RT: 17.33 min Scan# 2592

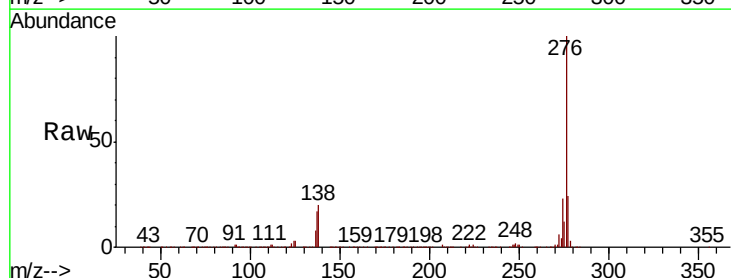
Delta R.T. -0.06 min

Lab File: BF118774.D

Acq: 31 Jan 2020 11:33

Tgt Ion:276 Resp: 1803697

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.3  | 19.0  | 28.6  |
| 138 | 20.4  | 15.4  | 23.2  |



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

