

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\  
 Data File : BF121311.D  
 Acq On : 17 Aug 2020 15:47  
 Operator : JU/CG  
 Sample : L3659-07MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP1-3MS

Quant Time: Aug 17 17:03:53 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 17 10:52:06 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.70  | 152  | 107133   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.99  | 136  | 421774   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.74  | 164  | 221245   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.22 | 188  | 441132   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.86 | 240  | 399440   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.27 | 264  | 394507   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.30  | 112  | 402371   | 56.94 | ng    | 0.00     |
| 7) Phenol-d6                | 6.35  | 99   | 489422   | 53.75 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.27  | 82   | 317256   | 41.11 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.53 | 330  | 156488   | 57.45 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.06  | 172  | 631534   | 39.49 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.80 | 244  | 751644   | 36.68 | ng    | 0.00     |

| Target Compounds               | R.T. | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 2.29 | 88   | 68024    | 22.620 | ng    | 98     |
| 3) Pyridine                    | 3.00 | 79   | 148378   | 18.954 | ng    | 97     |
| 4) n-Nitrosodimethylamine      | 2.94 | 42   | 78404    | 24.455 | ng    | 97     |
| 6) Aniline                     | 6.36 | 93   | 131704   | 12.201 | ng    | # 53   |
| 8) 2-Chlorophenol              | 6.49 | 128  | 185985   | 23.935 | ng    | 97     |
| 9) Benzaldehyde                | 6.25 | 77   | 112928   | 24.064 | ng    | 94     |
| 10) Phenol                     | 6.36 | 94   | 233387   | 23.626 | ng    | # 77   |
| 11) bis(2-Chloroethyl)ether    | 6.44 | 93   | 173607   | 24.348 | ng    | 100    |
| 12) 1,3-Dichlorobenzene        | 6.65 | 146  | 190749   | 23.233 | ng    | 99     |
| 13) 1,4-Dichlorobenzene        | 6.72 | 146  | 192759   | 23.228 | ng    | 99     |
| 14) 1,2-Dichlorobenzene        | 6.87 | 146  | 183916   | 23.482 | ng    | 99     |
| 15) Benzyl Alcohol             | 6.85 | 79   | 147592   | 24.196 | ng    | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.99 | 45   | 247081   | 24.064 | ng    | 99     |
| 17) 2-Methylphenol             | 6.97 | 107  | 148586   | 24.208 | ng    | 98     |
| 18) Hexachloroethane           | 7.22 | 117  | 70518    | 24.029 | ng    | 95     |
| 19) n-Nitroso-di-n-propylamine | 7.12 | 70   | 118337   | 23.389 | ng    | 95     |
| 20) 3+4-Methylphenols          | 7.12 | 107  | 190051   | 24.405 | ng    | # 77   |
| 22) Acetophenone               | 7.12 | 105  | 248510   | 22.876 | ng    | # 95   |
| 24) Nitrobenzene               | 7.29 | 77   | 188706   | 22.535 | ng    | 96     |
| 25) Isophorone                 | 7.53 | 82   | 338869   | 21.870 | ng    | 97     |
| 26) 2-Nitrophenol              | 7.61 | 139  | 96385    | 23.756 | ng    | 96     |
| 27) 2,4-Dimethylphenol         | 7.65 | 122  | 161651   | 24.866 | ng    | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.75 | 93   | 218018   | 25.156 | ng    | 98     |
| 29) 2,4-Dichlorophenol         | 7.85 | 162  | 153046   | 23.022 | ng    | 97     |
| 30) 1,2,4-Trichlorobenzene     | 7.93 | 180  | 166378   | 22.676 | ng    | 99     |
| 31) Naphthalene                | 8.01 | 128  | 529180   | 22.301 | ng    | 99     |
| 32) Benzoic acid               | 7.77 | 122  | 79622    | 26.291 | ng    | 98     |
| 33) 4-Chloroaniline            | 8.06 | 127  | 84497    | 8.726  | ng    | 98     |
| 34) Hexachlorobutadiene        | 8.13 | 225  | 95797    | 21.579 | ng    | 99     |
| 35) Caprolactam                | 8.42 | 113  | 50031    | 24.986 | ng    | 97     |
| 36) 4-Chloro-3-methylphenol    | 8.55 | 107  | 158410   | 23.356 | ng    | 100    |
| 37) 2-Methylnaphthalene        | 8.70 | 142  | 356821   | 22.851 | ng    | 98     |
| 38) 1-Methylnaphthalene        | 8.80 | 142  | 332982   | 22.522 | ng    | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.87 | 216  | 168605   | 22.744 | ng    | 99     |

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 SP1-3MS

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 17 10:52:06 2020  
 Response via : Initial Calibration

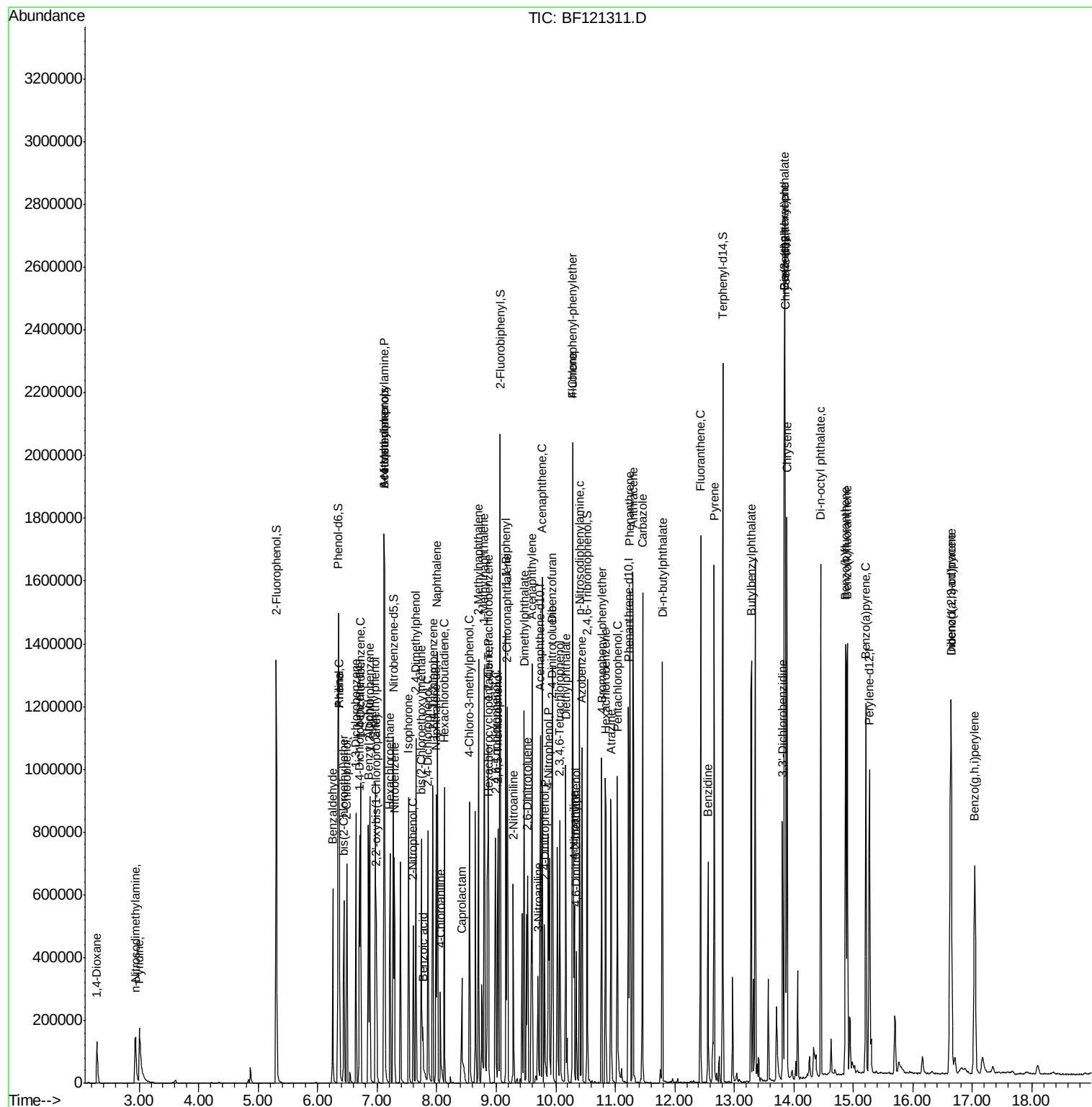
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.86  | 237  | 100303   | 45.142 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 8.99  | 196  | 112387   | 23.838 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.03  | 196  | 120093   | 23.452 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 9.16  | 154  | 435157   | 22.763 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 9.19  | 162  | 335238   | 22.781 | ng    | 99       |
| 48) 2-Nitroaniline             | 9.29  | 65   | 101501   | 24.539 | ng    | 92       |
| 49) Acenaphthylene             | 9.60  | 152  | 537765   | 23.008 | ng    | 100      |
| 50) Dimethylphthalate          | 9.47  | 163  | 471707   | 28.334 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.53  | 165  | 86953    | 23.430 | ng    | 90       |
| 52) Acenaphthene               | 9.77  | 154  | 309924   | 22.396 | ng    | 98       |
| 53) 3-Nitroaniline             | 9.70  | 138  | 48830    | 11.524 | ng    | 97       |
| 54) 2,4-Dinitrophenol          | 9.81  | 184  | 72122    | 47.056 | ng    | 91       |
| 55) Dibenzofuran               | 9.95  | 168  | 491616   | 22.308 | ng    | 98       |
| 56) 4-Nitrophenol              | 9.87  | 139  | 141734   | 51.831 | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 9.93  | 165  | 115087   | 23.630 | ng    | 91       |
| 58) Fluorene                   | 10.29 | 166  | 371179   | 22.251 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.07 | 232  | 102943   | 25.425 | ng    | 99       |
| 60) Diethylphthalate           | 10.17 | 149  | 399238   | 23.582 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.28 | 204  | 185568   | 22.872 | ng    | 95       |
| 62) 4-Nitroaniline             | 10.31 | 138  | 91800    | 21.608 | ng    | 98       |
| 63) Azobenzene                 | 10.44 | 77   | 376328   | 22.247 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 10.35 | 198  | 56067    | 23.913 | ng    | 90       |
| 66) n-Nitrosodiphenylamine     | 10.40 | 169  | 341975   | 22.609 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.77 | 248  | 117940   | 22.920 | ng    | # 93     |
| 68) Hexachlorobenzene          | 10.84 | 284  | 134286   | 22.886 | ng    | 93       |
| 69) Atrazine                   | 10.93 | 200  | 97765    | 21.609 | ng    | 98       |
| 70) Pentachlorophenol          | 11.03 | 266  | 134188   | 53.624 | ng    | 98       |
| 71) Phenanthrene               | 11.25 | 178  | 572558   | 22.687 | ng    | 100      |
| 72) Anthracene                 | 11.30 | 178  | 590861   | 23.331 | ng    | 99       |
| 73) Carbazole                  | 11.46 | 167  | 556939   | 22.486 | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.79 | 149  | 697755   | 24.959 | ng    | 100      |
| 75) Fluoranthene               | 12.43 | 202  | 680155   | 24.204 | ng    | 98       |
| 77) Benzidine                  | 12.56 | 184  | 272312   | 25.933 | ng    | 98       |
| 78) Pyrene                     | 12.66 | 202  | 696212   | 23.406 | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.29 | 149  | 313539   | 25.805 | ng    | 98       |
| 81) Benzo(a)anthracene         | 13.85 | 228  | 613395   | 22.641 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.81 | 252  | 169874   | 15.804 | ng    | 99       |
| 83) Chrysene                   | 13.89 | 228  | 624277   | 22.569 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 13.84 | 149  | 417803   | 24.948 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 14.45 | 149  | 804256   | 26.193 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene     | 16.63 | 276  | 645288   | 22.000 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 14.87 | 252  | 609835   | 23.071 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 14.90 | 252  | 594523   | 24.220 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.21 | 252  | 539264   | 22.603 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.64 | 278  | 539766   | 21.477 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.04 | 276  | 539336   | 21.746 | ng    | 99       |

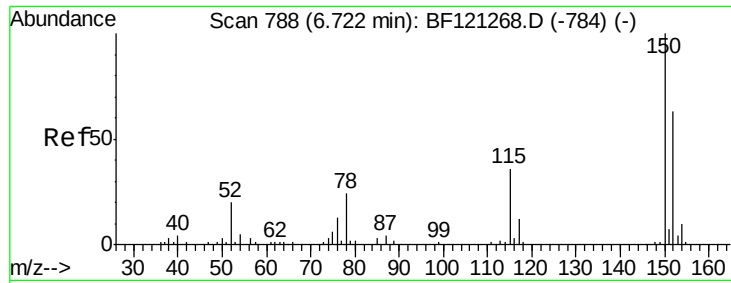
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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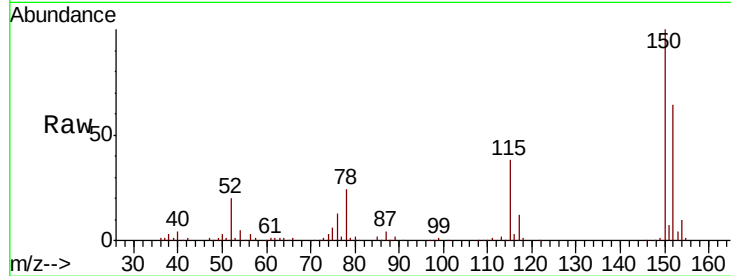


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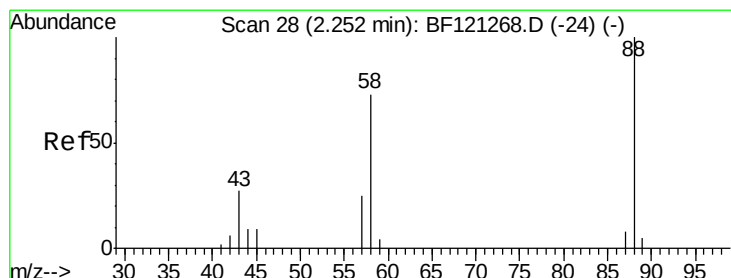
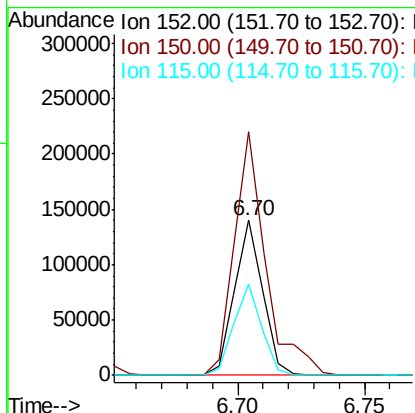
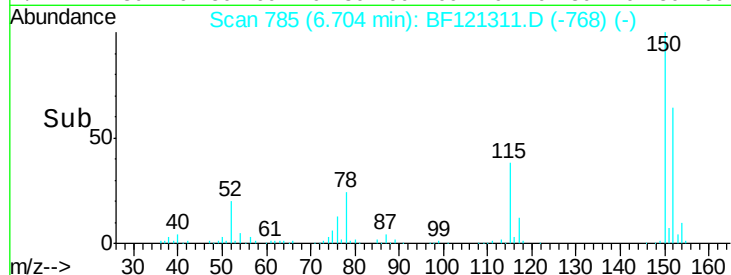
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.70 min Scan# 785  
Delta R.T. 0.00 min  
Lab File: BF121311.D  
Acq: 17 Aug 2020 15:47

Instrument :  
BNA\_F  
ClientSampled :  
SP1-3MS

Tot Ion:152 Resp: 107133  
Ion Ratio Lower Upper  
152 100  
150 157.1 123.9 185.9  
115 59.1 47.3 70.9



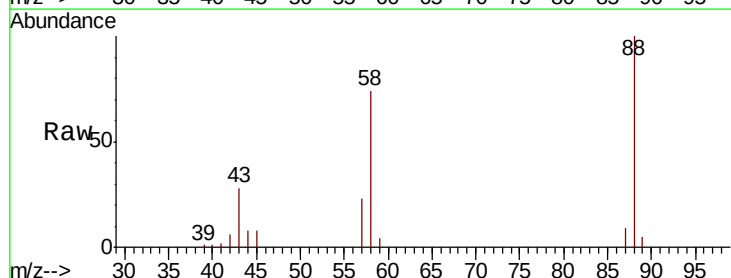
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



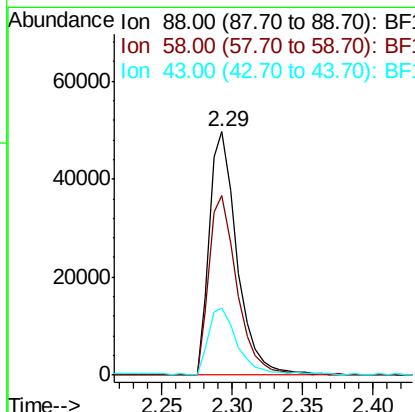
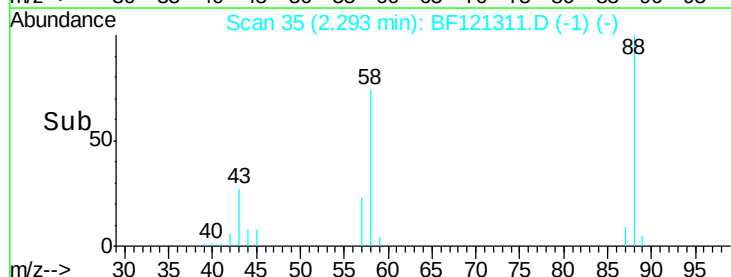
#2

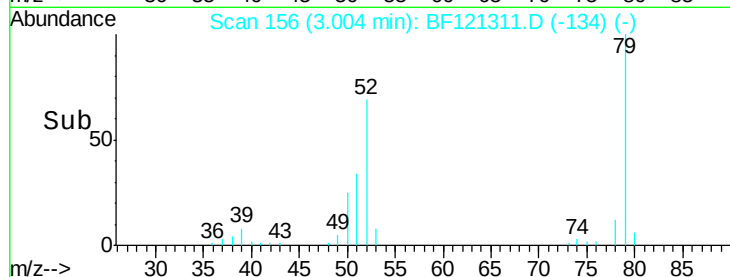
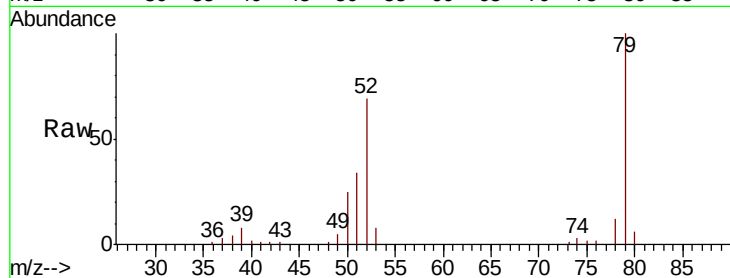
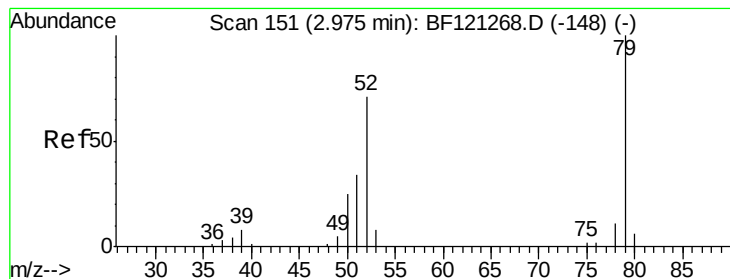
1,4-Dioxane  
Concen: 22.620 ng  
RT: 2.29 min Scan# 35  
Delta R.T. 0.02 min  
Lab File: BF121311.D  
Acq: 17 Aug 2020 15:47

Tgt Ion: 88 Resp: 68024  
Ion Ratio Lower Upper  
88 100  
58 74.4 57.8 86.8  
43 28.6 22.2 33.2



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





#3

Pvridine

Concen: 18.954 ng

RT: 3.00 min Scan# 156

Delta R.T. 0.03 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

Instrument :

BNA\_F

ClientSampleId :

SP1-3MS

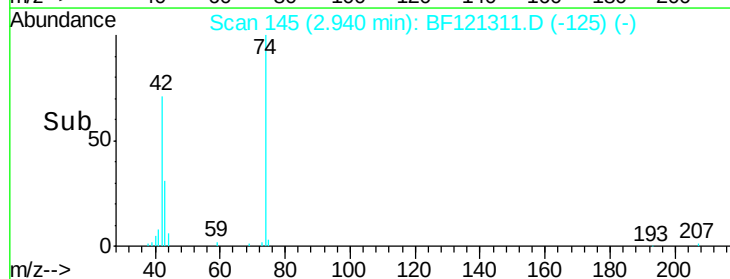
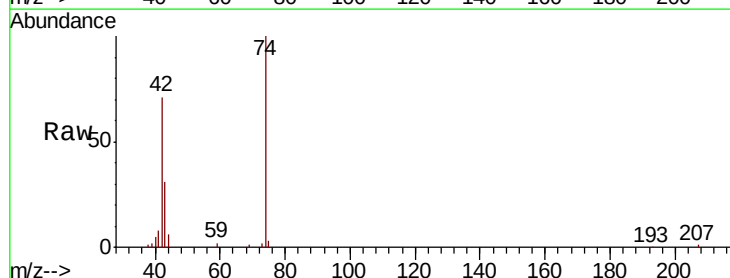
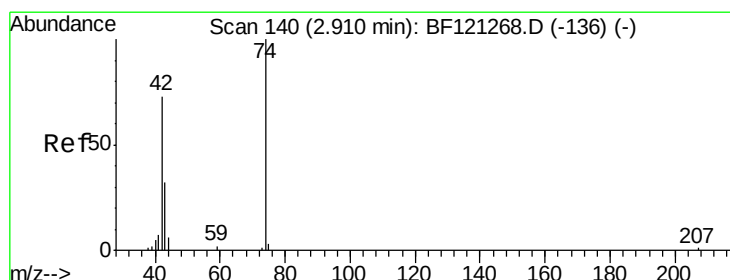
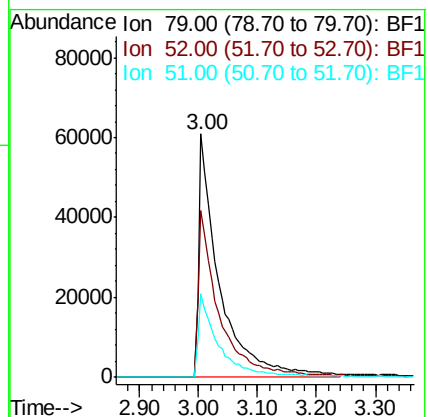
Tot Ion: 79 Resp: 148378

Ion Ratio Lower Upper

79 100

52 68.6 56.9 85.3

51 34.3 26.3 39.5



#4

n-Nitrosodimethylamine

Concen: 24.455 ng

RT: 2.94 min Scan# 145

Delta R.T. 0.02 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

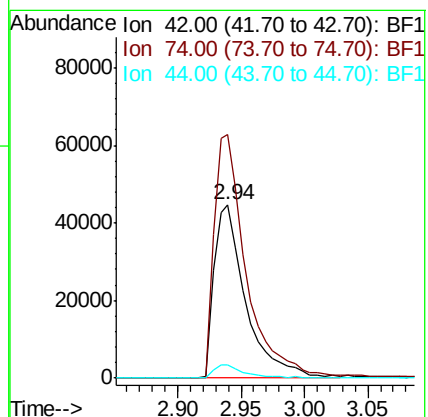
Tgt Ion: 42 Resp: 78404

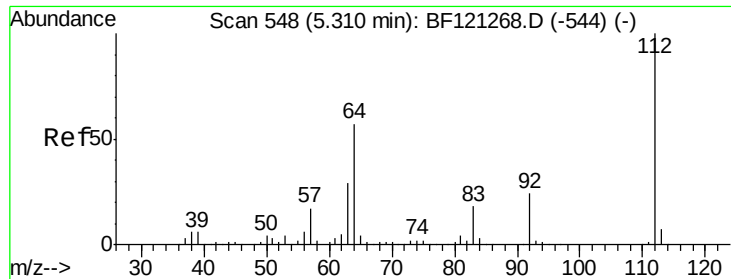
Ion Ratio Lower Upper

42 100

74 140.5 115.8 173.8

44 7.8 5.7 8.5

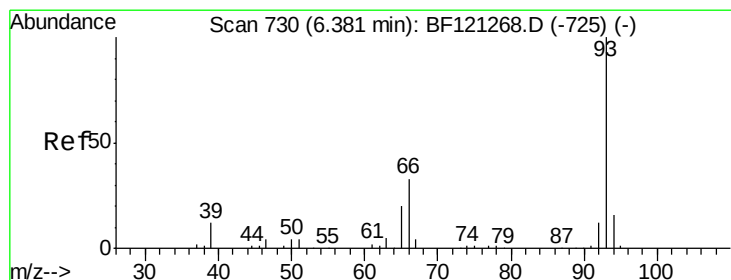
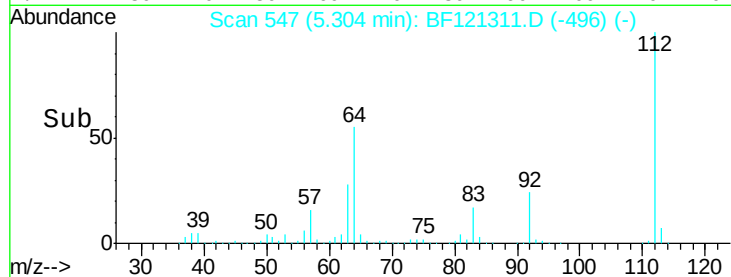
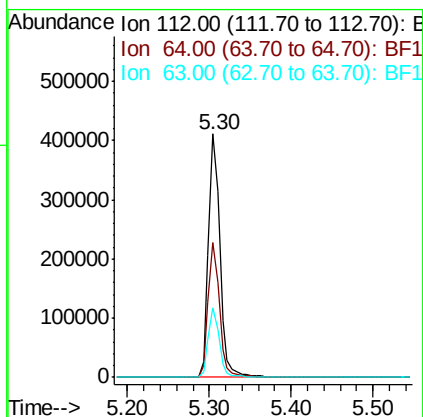
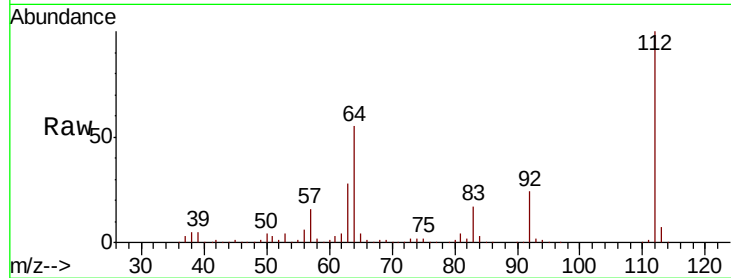




#5  
2-Fluorophenol  
Concen: 56.940 ng  
RT: 5.30 min Scan# 547  
Delta R.T. 0.00 min  
Lab File: BF121311.D  
Acq: 17 Aug 2020 15:47

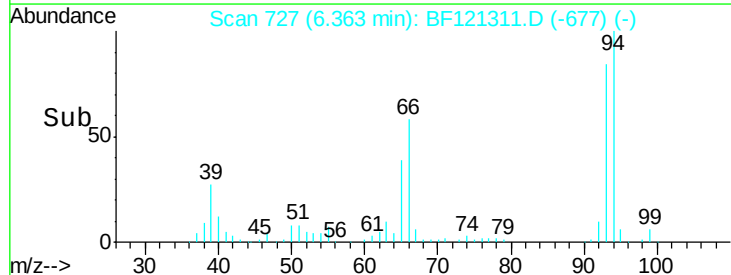
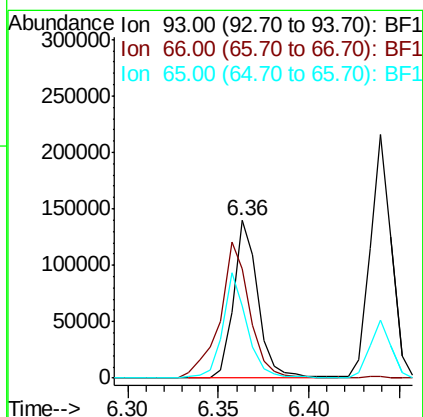
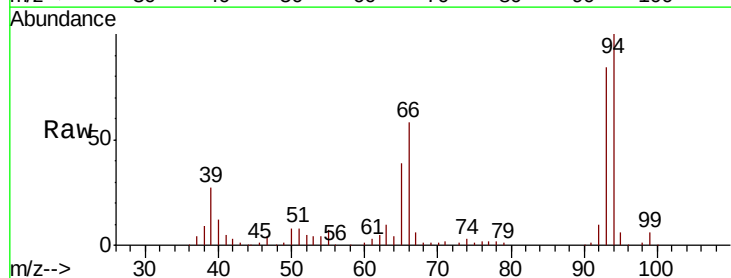
Instrument :  
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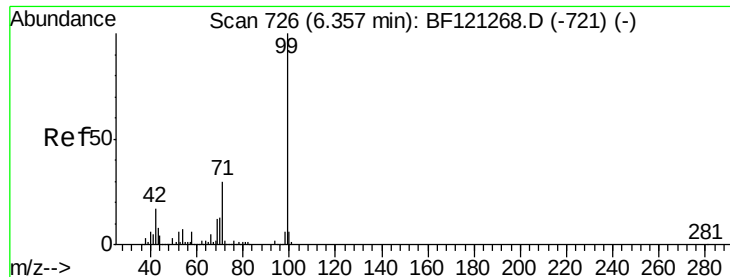
Tot Ion:112 Resp: 402371  
Ion Ratio Lower Upper  
112 100  
64 55.4 42.9 64.3  
63 28.3 22.2 33.2



#6  
Aniline  
Concen: 12.201 ng  
RT: 6.36 min Scan# 727  
Delta R.T. -0.01 min  
Lab File: BF121311.D  
Acq: 17 Aug 2020 15:47

Tgt Ion: 93 Resp: 131704  
Ion Ratio Lower Upper  
93 100  
66 68.9 32.2 48.4#  
65 45.9 18.2 27.4#





#7

Phenol-d6

Concen: 53.746 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

Instrument :

BNA\_F

ClientSampleId :

SP1-3MS

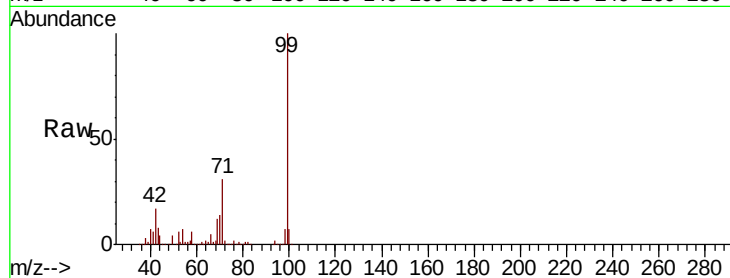
Tot Ion: 99 Resp: 489422

Ion Ratio Lower Upper

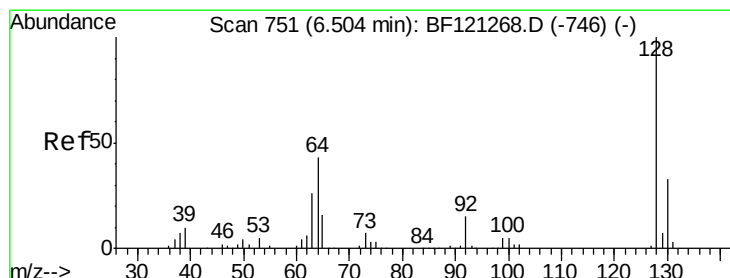
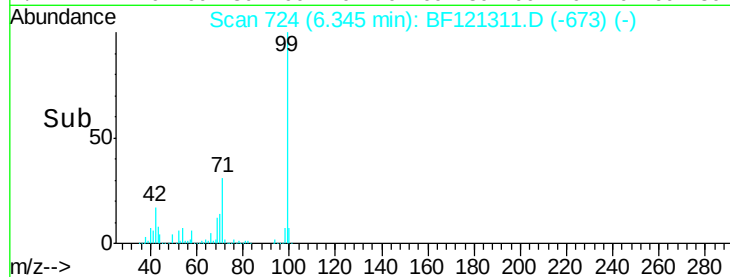
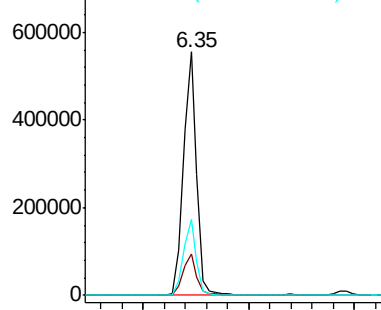
99 100

42 17.0 13.8 20.8

71 31.0 24.8 37.2



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: 23.935 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

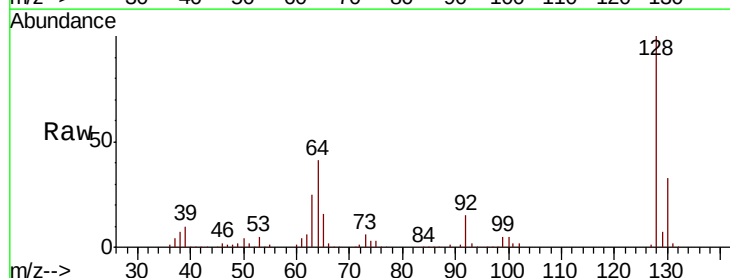
Tgt Ion: 128 Resp: 185985

Ion Ratio Lower Upper

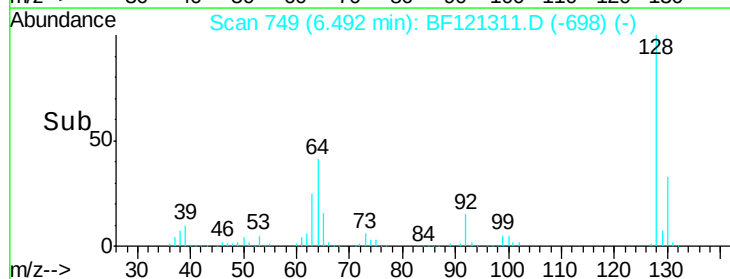
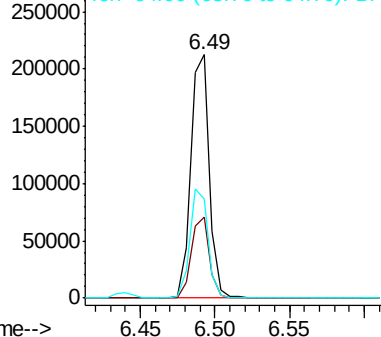
128 100

130 33.3 11.9 51.9

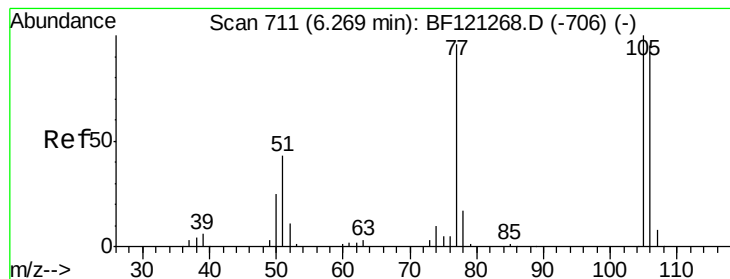
64 40.7 22.5 62.5



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BF1







#9

Benzaldehyde

Concen: 24.064 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

Instrument :

BNA\_F

ClientSampleId :

SP1-3MS

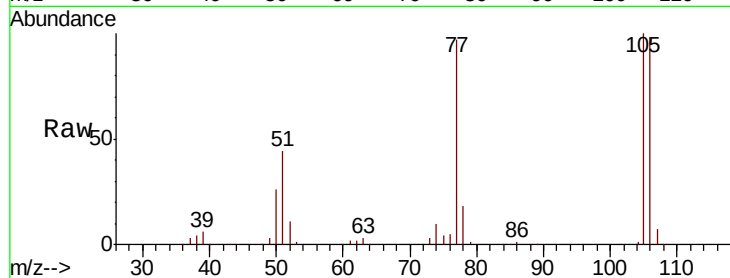
Tot Ion: 77 Resp: 112928

Ion Ratio Lower Upper

77 100

105 103.1 77.6 117.6

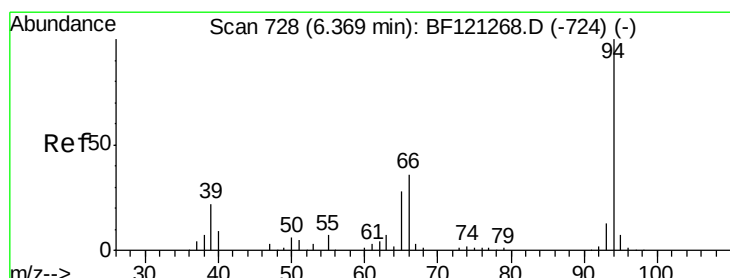
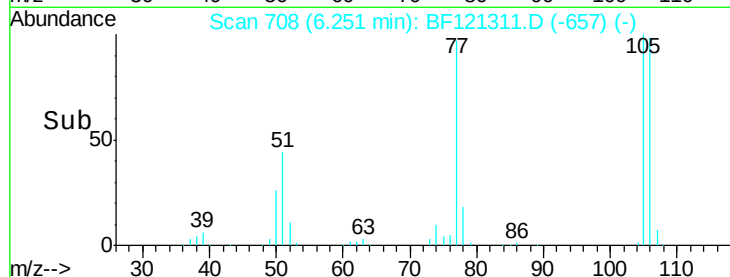
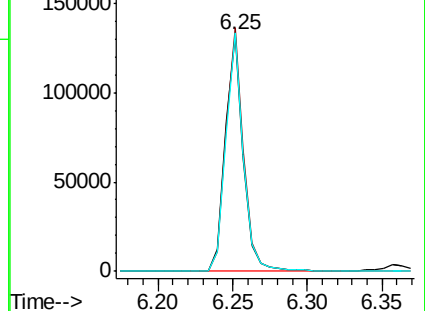
106 100.9 74.9 114.9



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: 23.626 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

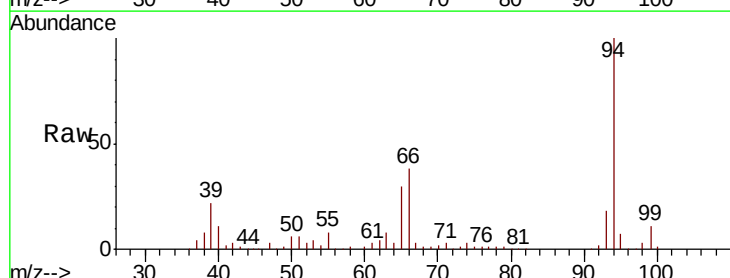
Tgt Ion: 94 Resp: 233387

Ion Ratio Lower Upper

94 100

65 29.8 19.2 59.2

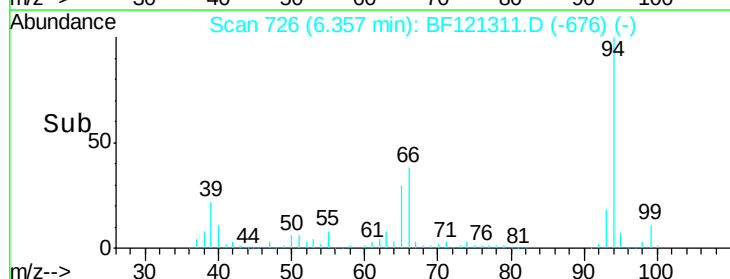
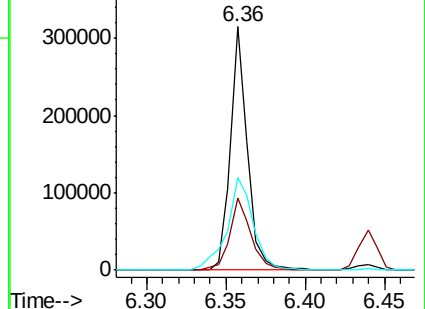
66 38.2 39.6 79.6#



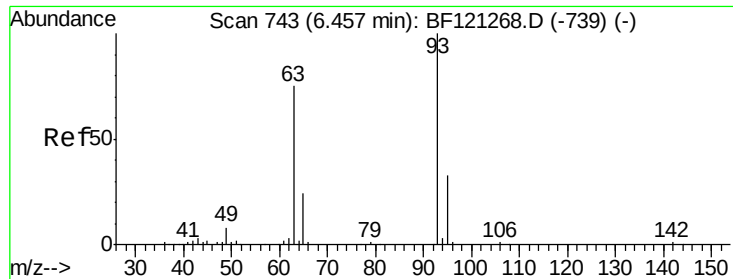
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



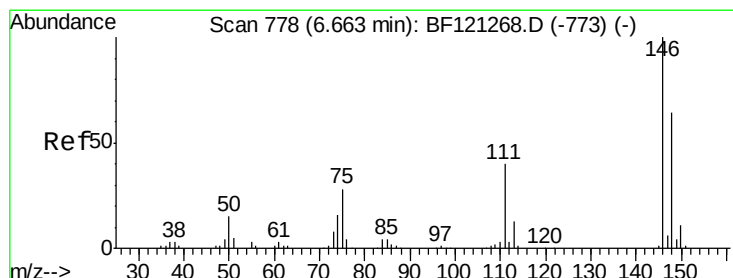
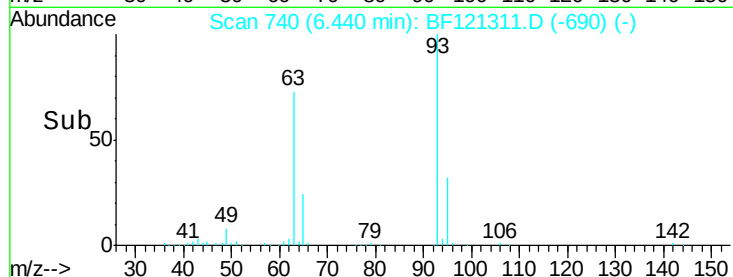
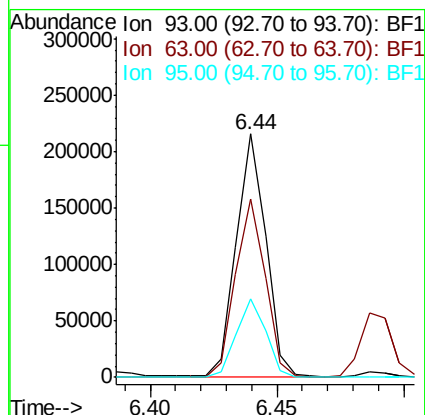
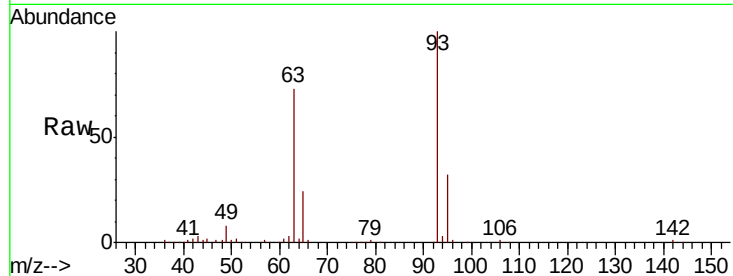




#11  
bis(2-Chloroethyl)ether  
Concen: 24.348 ng  
RT: 6.44 min Scan# 740  
Delta R.T. -0.01 min  
Lab File: BF121311.D  
Acq: 17 Aug 2020 15:47

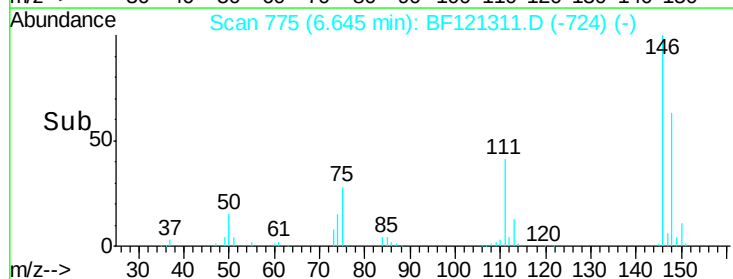
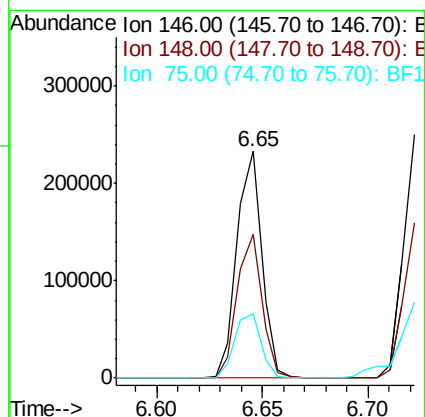
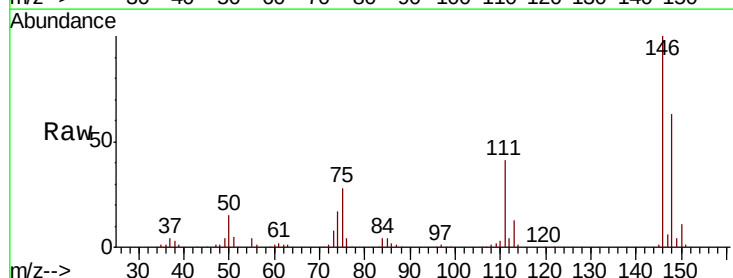
Instrument :  
BNA\_F  
ClientSampleId :  
SP1-3MS

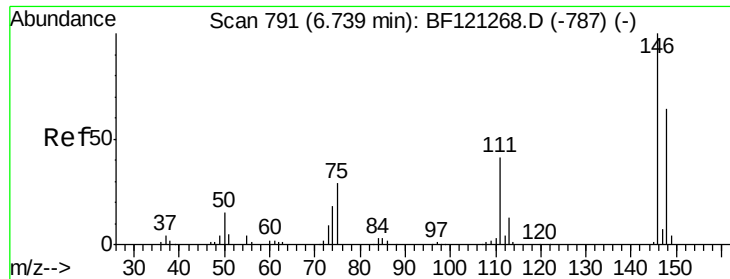
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 173607 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 73.4  | 53.9  | 93.9   |
| 95       | 32.5  | 12.4  | 52.4   |



#12  
1,3-Dichlorobenzene  
Concen: 23.233 ng  
RT: 6.65 min Scan# 775  
Delta R.T. 0.00 min  
Lab File: BF121311.D  
Acq: 17 Aug 2020 15:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 190749 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 63.4  | 50.8  | 76.2   |
| 75       | 28.2  | 24.1  | 36.1   |

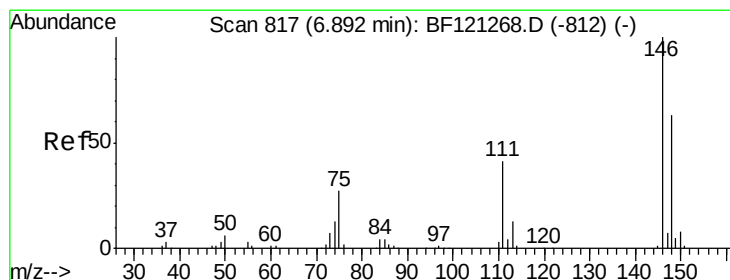
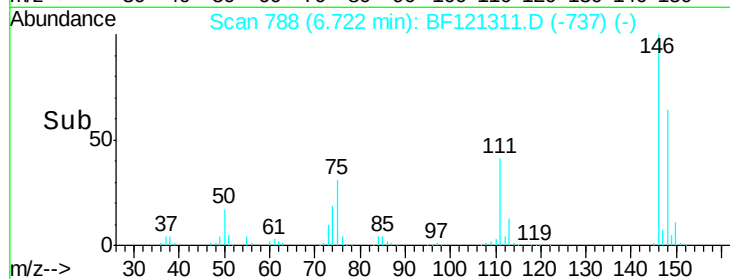
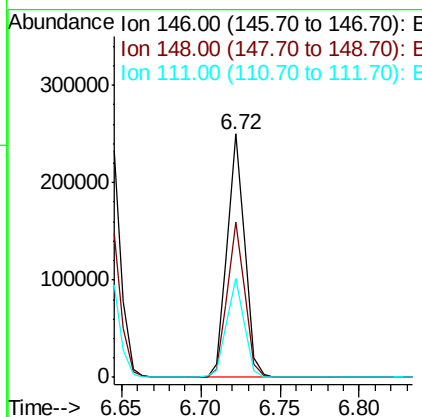
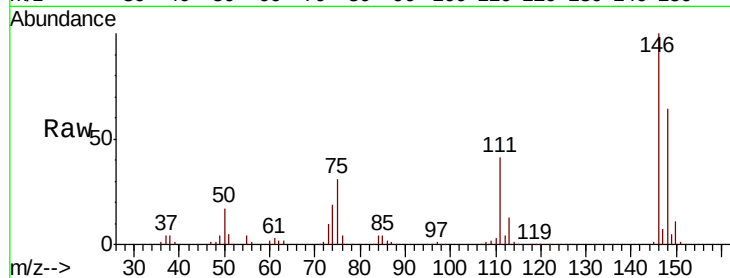




#13  
 1,4-Dichlorobenzene  
 Concen: 23.228 ng  
 RT: 6.72 min Scan# 788  
 Delta R.T. 0.00 min  
 Lab File: BF121311.D  
 Acq: 17 Aug 2020 15:47

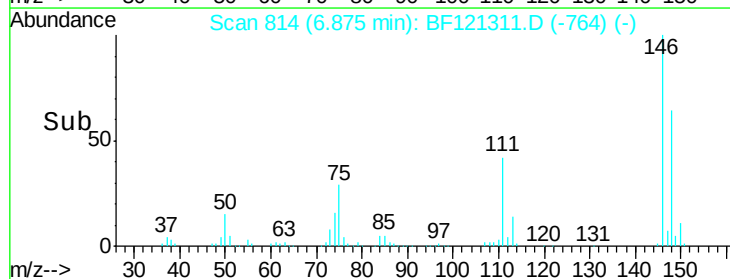
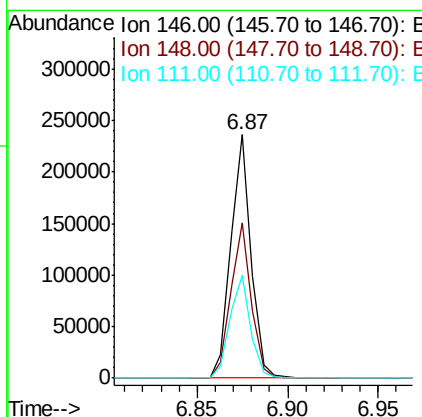
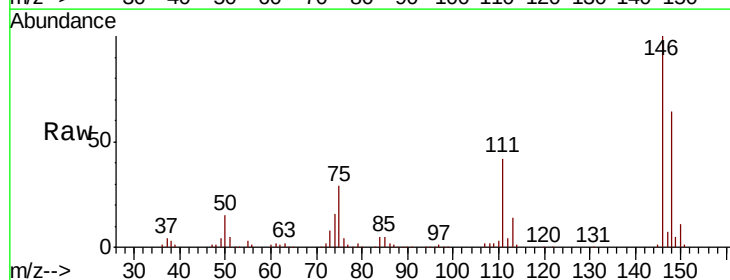
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP1-3MS

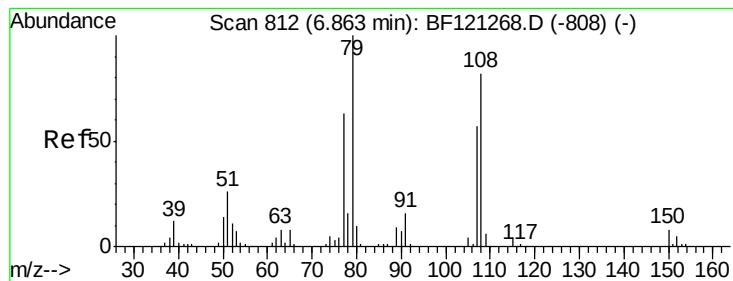
Tot Ion:146 Resp: 192759  
 Ion Ratio Lower Upper  
 146 100  
 148 63.8 50.6 75.8  
 111 40.7 33.0 49.6



#14  
 1,2-Dichlorobenzene  
 Concen: 23.482 ng  
 RT: 6.87 min Scan# 814  
 Delta R.T. -0.01 min  
 Lab File: BF121311.D  
 Acq: 17 Aug 2020 15:47

Tgt Ion:146 Resp: 183916  
 Ion Ratio Lower Upper  
 146 100  
 148 63.9 51.4 77.0  
 111 42.3 32.3 48.5





#15

Benzyl Alcohol

Concen: 24.196 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

Instrument :

BNA\_F

ClientSampleId :

SP1-3MS

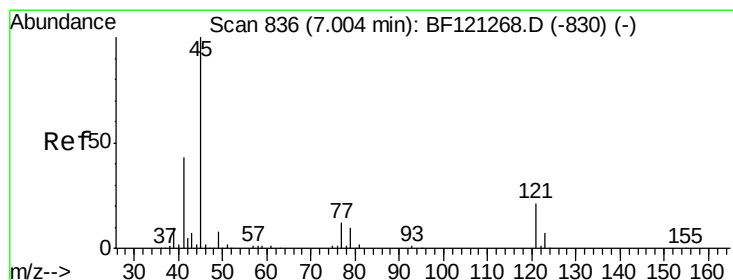
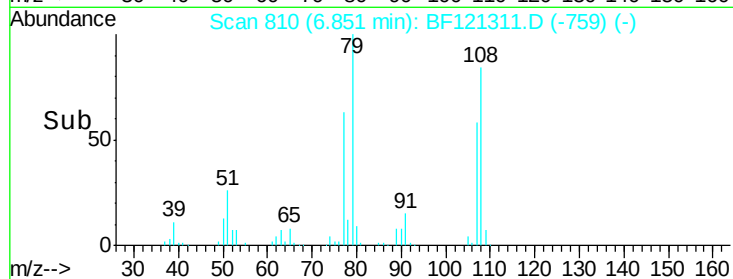
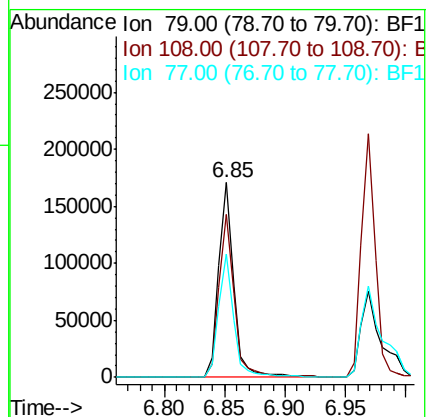
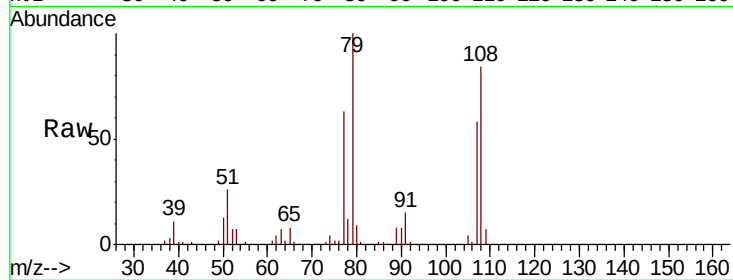
Tot Ion: 79 Resp: 147592

Ion Ratio Lower Upper

79 100

108 83.6 66.3 99.5

77 63.2 50.0 75.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 24.064 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

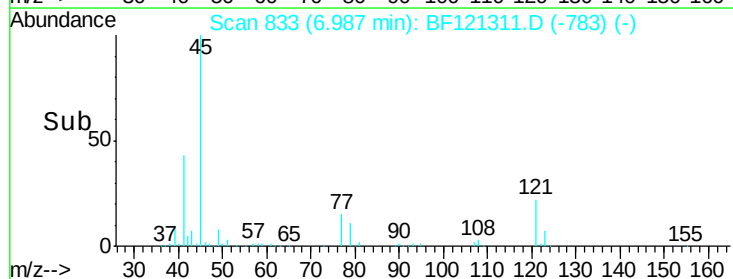
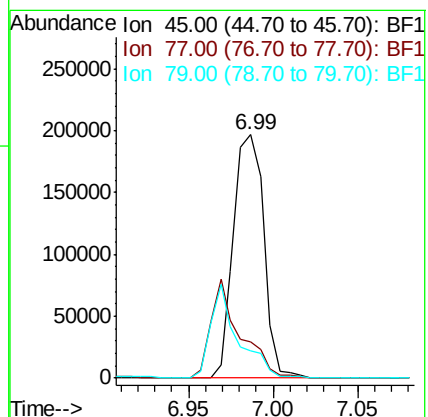
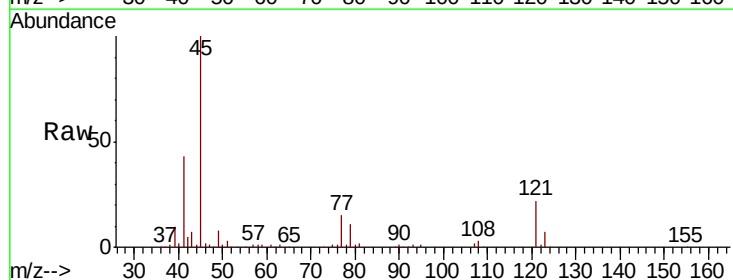
Tgt Ion: 45 Resp: 247081

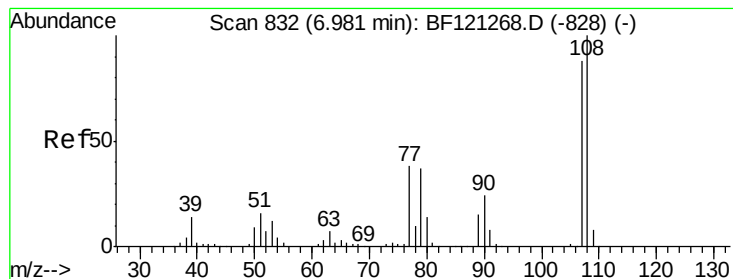
Ion Ratio Lower Upper

45 100

77 14.7 0.0 34.4

79 11.1 0.0 31.5





#17

2-Methylphenol

Concen: 24.208 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

Instrument :

BNA\_F

ClientSampleId :

SP1-3MS

Tot Ion:107 Resp: 148586

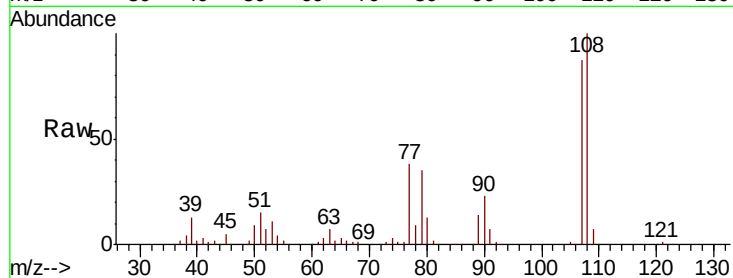
Ion Ratio Lower Upper

107 100

108 115.5 93.4 140.0

77 43.5 35.7 53.5

79 40.8 34.1 51.1

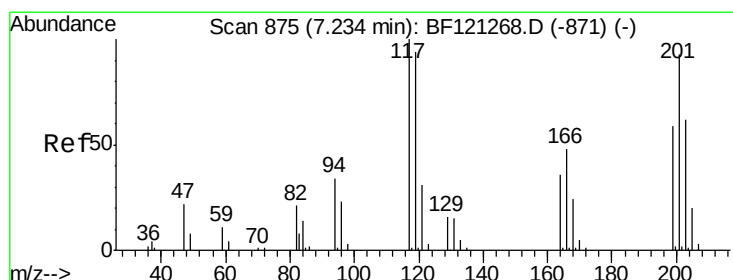
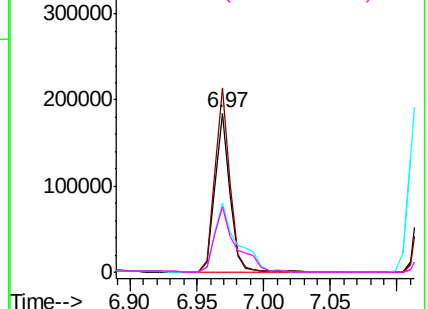
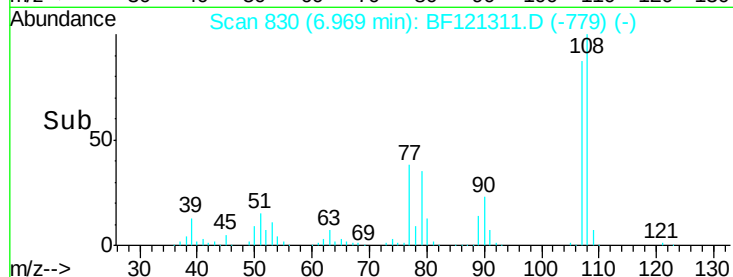


Abundance Ion 107.00 (106.70 to 107.70): E

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: 24.029 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

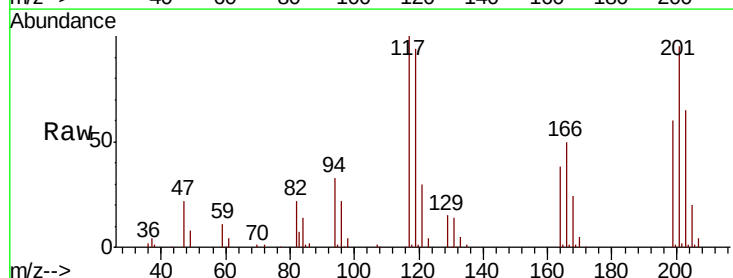
Tgt Ion:117 Resp: 70518

Ion Ratio Lower Upper

117 100

119 94.1 74.6 112.0

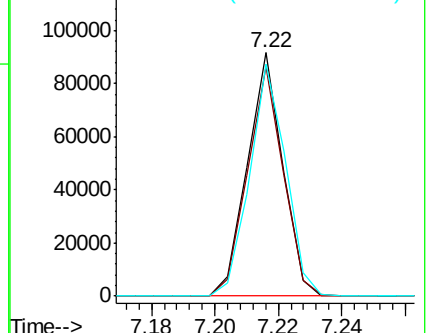
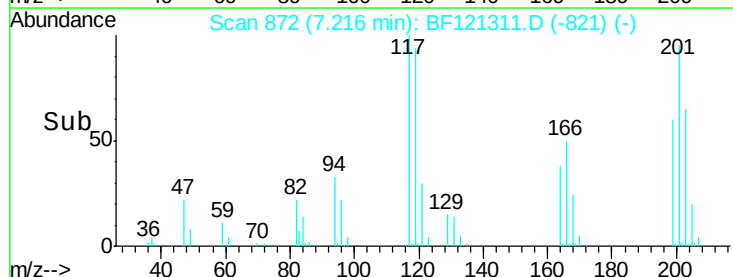
201 95.1 69.8 104.8

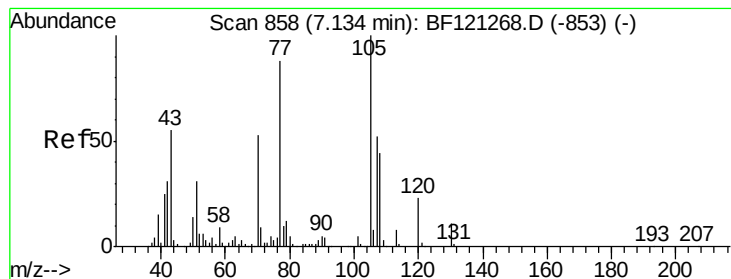


Abundance Ion 117.00 (116.70 to 117.70): E

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: 23.389 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

Instrument :

BNA\_F

ClientSampleId :

SP1-3MS

Tot Ion: 70 Resp: 118337

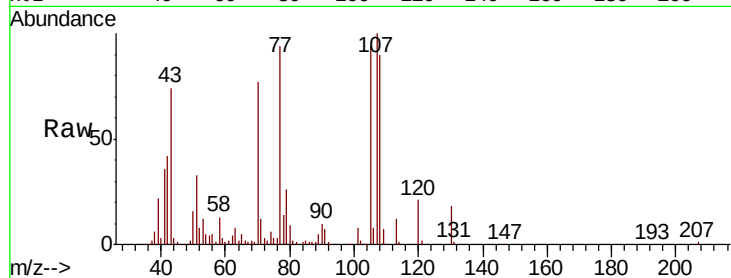
Ion Ratio Lower Upper

70 100

42 55.2 47.0 70.6

101 10.0 7.6 11.4

130 23.5 16.9 25.3

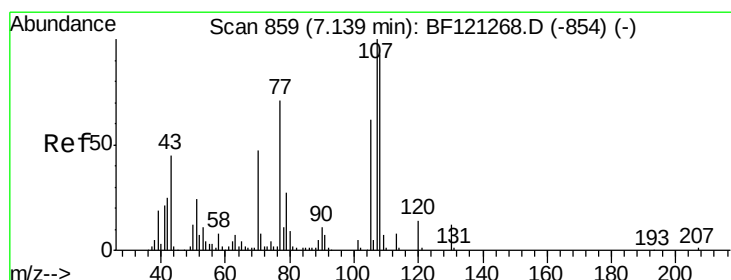
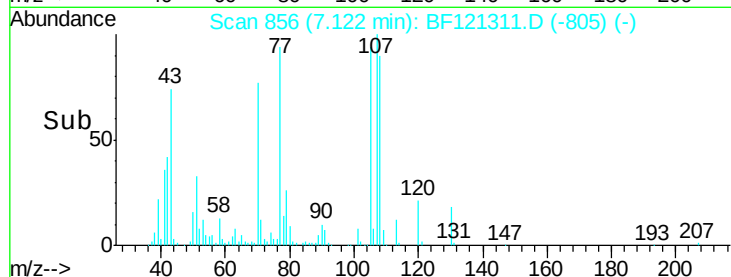
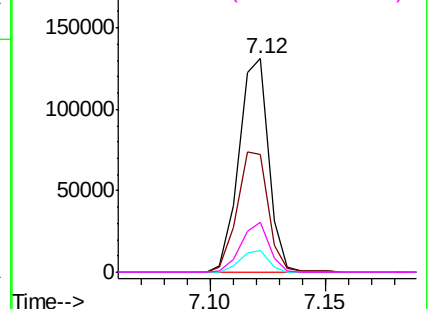


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 24.405 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

Tgt Ion: 107 Resp: 190051

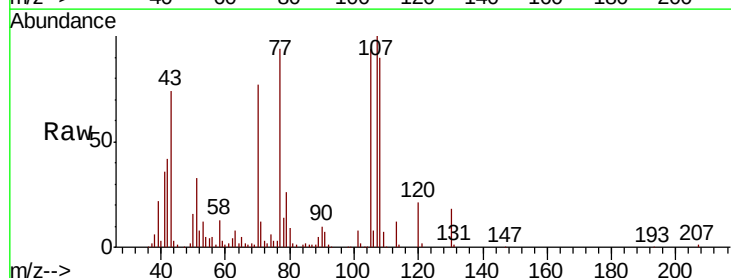
Ion Ratio Lower Upper

107 100

108 90.3 66.3 106.3

77 94.1 119.8 159.8#

79 25.8 5.1 45.1

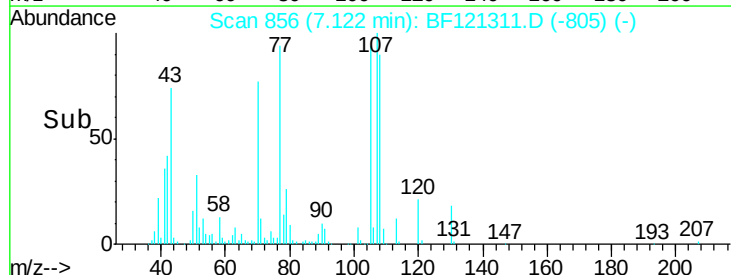
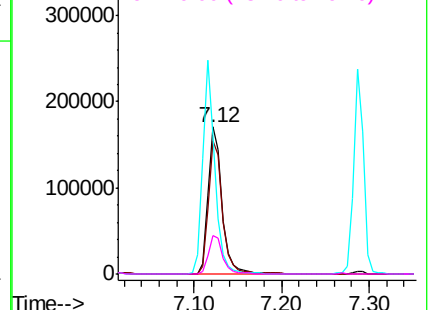


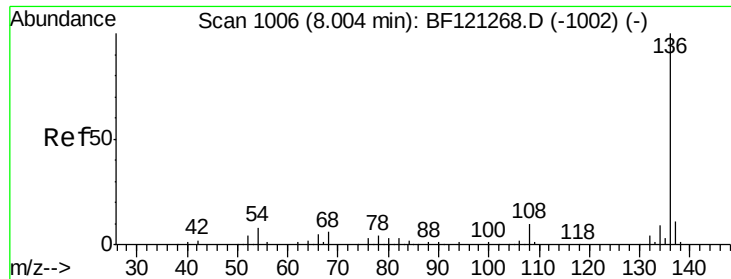
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

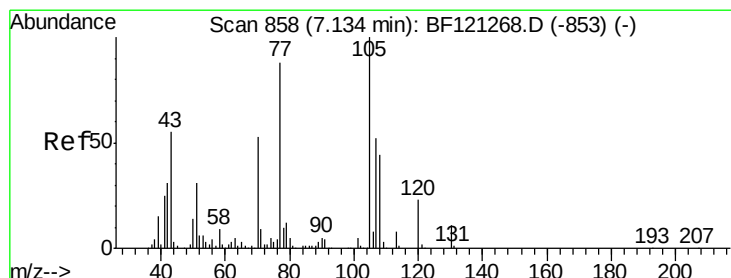
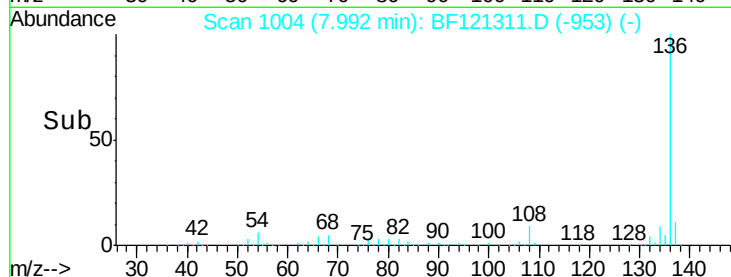
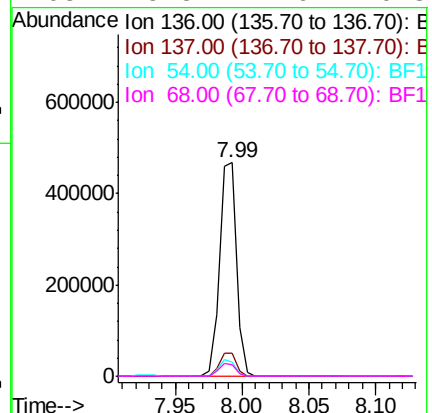
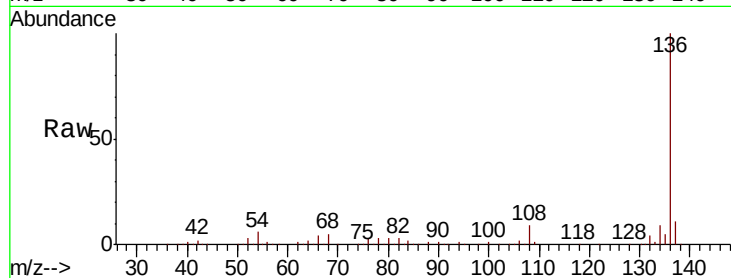




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.99 min Scan# 1004  
Delta R.T. 0.00 min  
Lab File: BF121311.D  
Acq: 17 Aug 2020 15:47

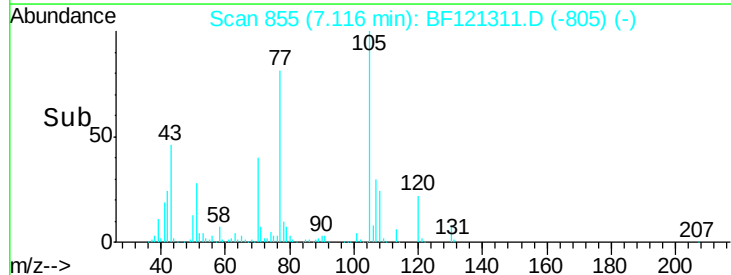
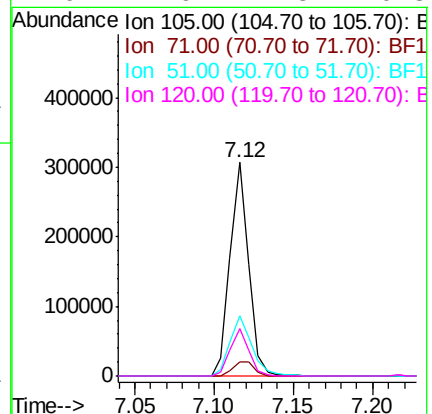
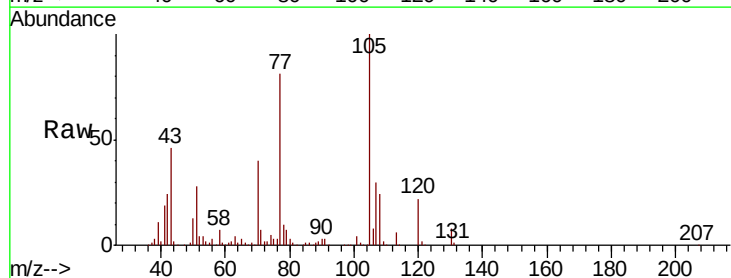
Instrument :  
BNA\_F  
ClientSampleId :  
SP1-3MS

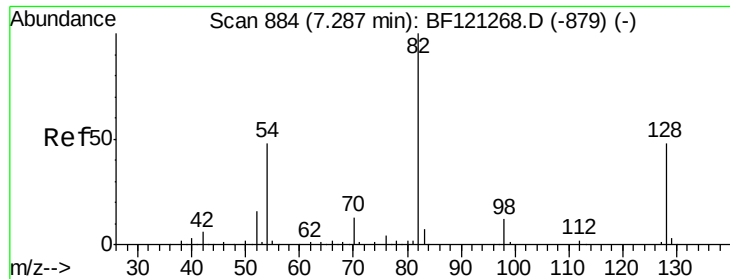
|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 421774   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 10.8  | 8.6 13.0 |
| 54          | 6.4   | 5.4 8.2  |
| 68          | 5.3   | 4.6 6.8  |



#22  
Acetophenone  
Concen: 22.876 ng  
RT: 7.12 min Scan# 855  
Delta R.T. -0.01 min  
Lab File: BF121311.D  
Acq: 17 Aug 2020 15:47

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 248510    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 6.8   | 7.1 10.7# |
| 51          | 28.4  | 25.9 38.9 |
| 120         | 21.9  | 17.8 26.8 |

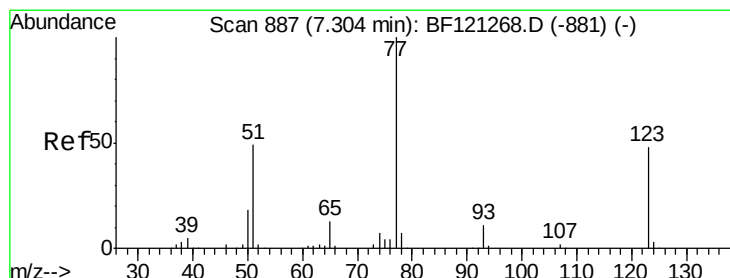
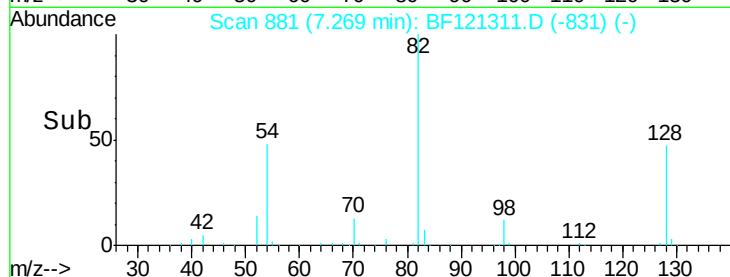
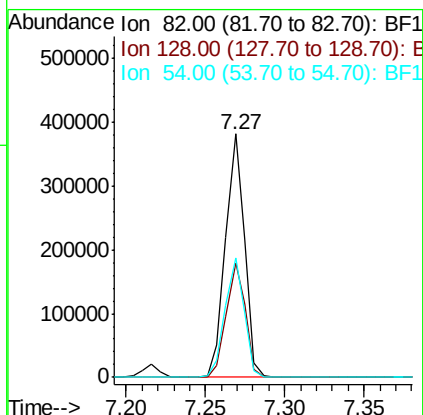
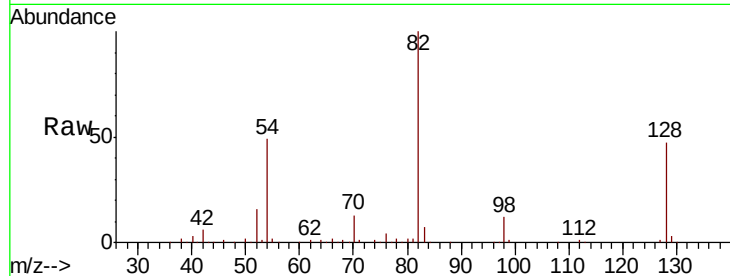




#23  
 Nitrobenzene-d5  
 Concen: 41.110 ng  
 RT: 7.27 min Scan# 881  
 Delta R.T. -0.01 min  
 Lab File: BF121311.D  
 Acq: 17 Aug 2020 15:47

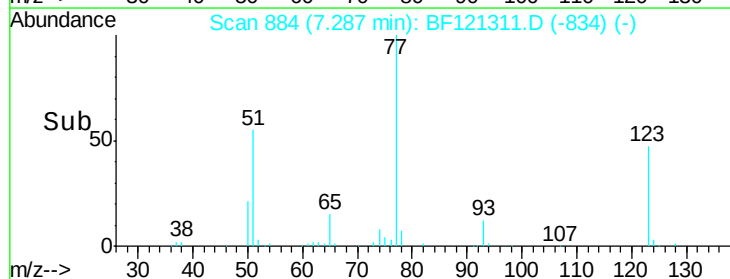
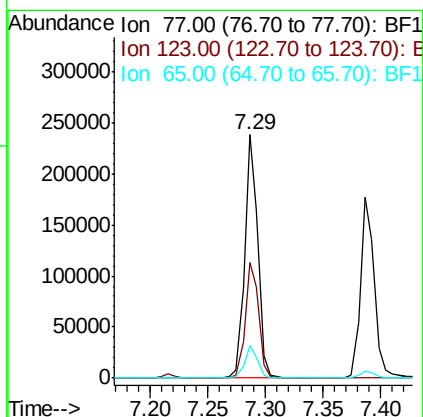
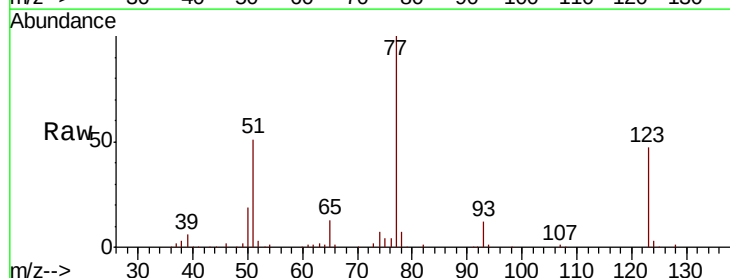
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP1-3MS

Tot Ion: 82 Resp: 317256  
 Ion Ratio Lower Upper  
 82 100  
 128 46.8 38.2 57.2  
 54 49.1 38.2 57.4

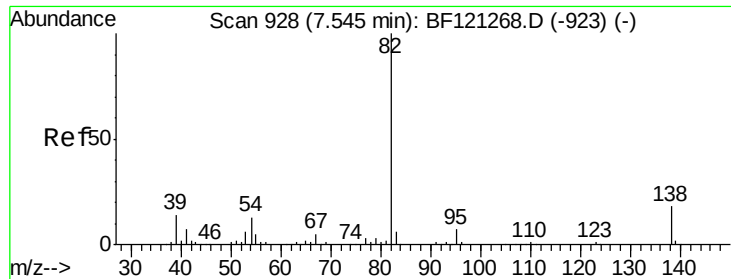


#24  
 Nitrobenzene  
 Concen: 22.535 ng  
 RT: 7.29 min Scan# 884  
 Delta R.T. -0.01 min  
 Lab File: BF121311.D  
 Acq: 17 Aug 2020 15:47

Tgt Ion: 77 Resp: 188706  
 Ion Ratio Lower Upper  
 77 100  
 123 47.3 40.3 60.5  
 65 13.2 10.2 15.4







#25

Isophorone

Concen: 21.870 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

Instrument :

BNA\_F

ClientSampled :

SP1-3MS

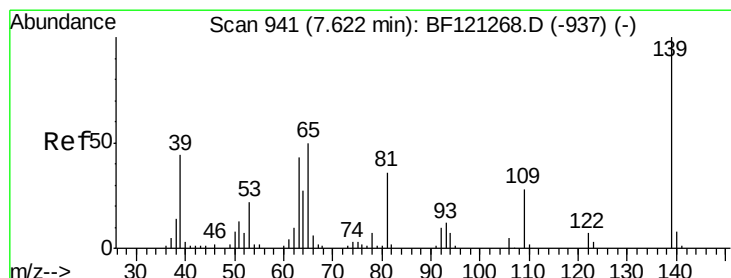
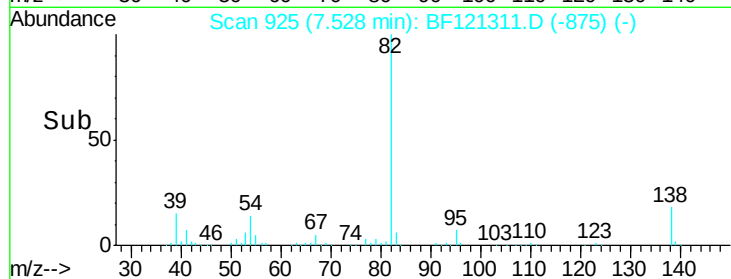
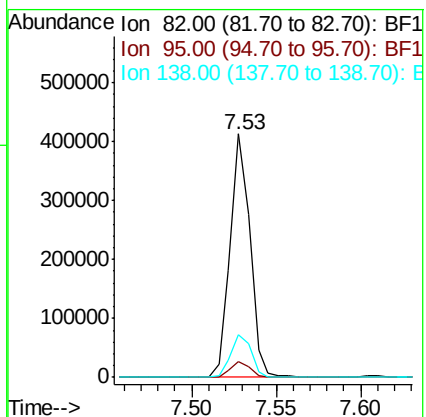
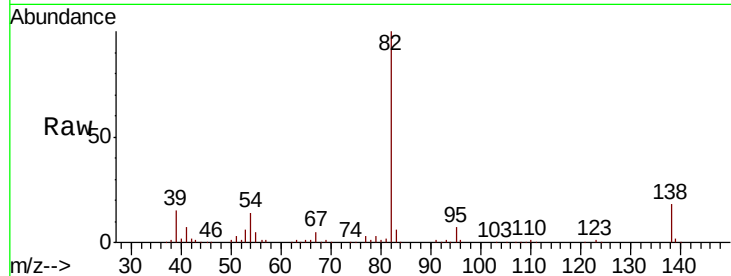
Tot Ion: 82 Resp: 338869

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.2

138 17.8 15.6 23.4



#26

2-Nitrophenol

Concen: 23.756 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

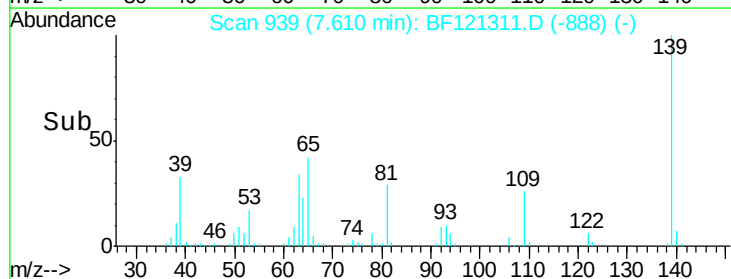
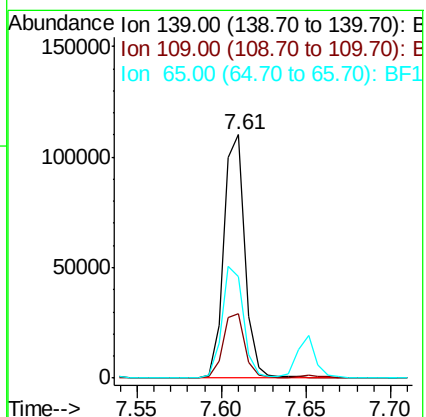
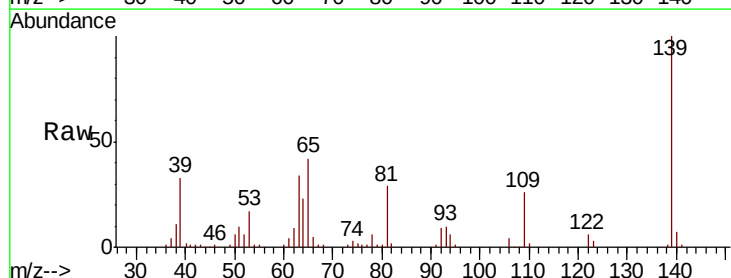
Tgt Ion: 139 Resp: 96385

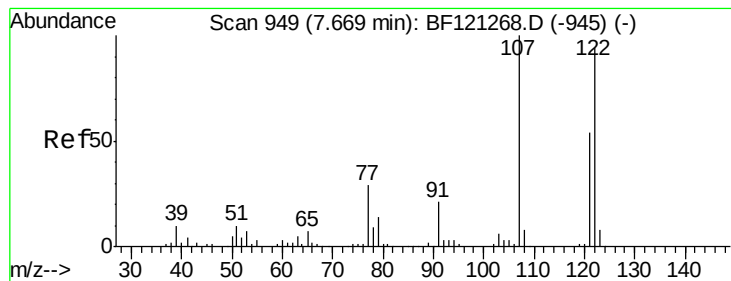
Ion Ratio Lower Upper

139 100

109 26.4 20.8 31.2

65 41.6 36.4 54.6





#27

2,4-Dimethylphenol

Concen: 24.866 ng

RT: 7.65 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

Instrument :

BNA\_F

ClientSampleId :

SP1-3MS

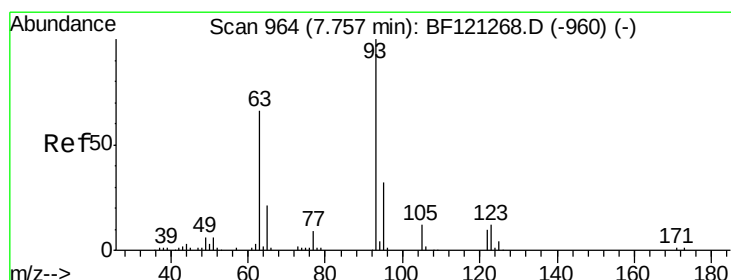
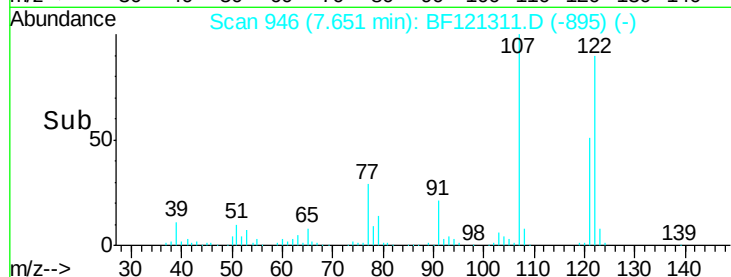
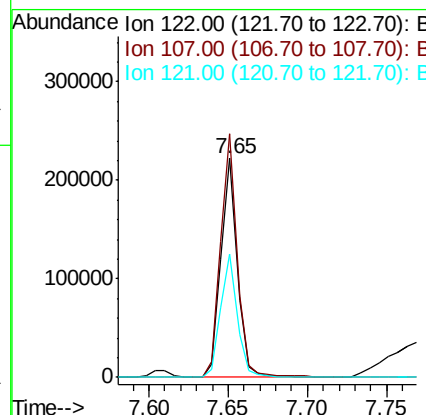
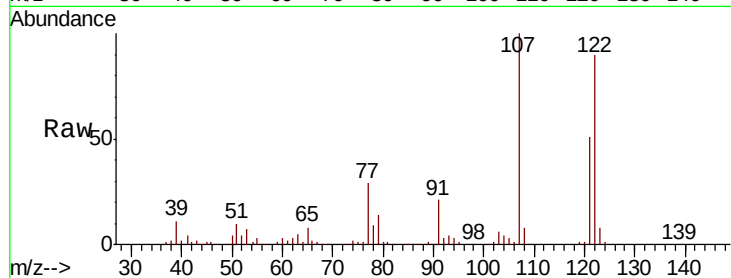
Tot Ion:122 Resp: 161651

Ion Ratio Lower Upper

122 100

107 111.3 87.2 130.8

121 56.3 45.7 68.5



#28

bis(2-Chloroethoxy)methane

Concen: 25.156 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

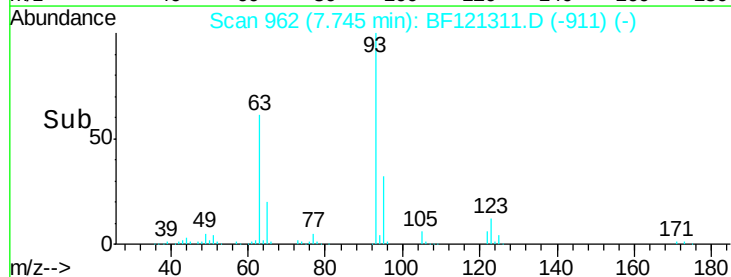
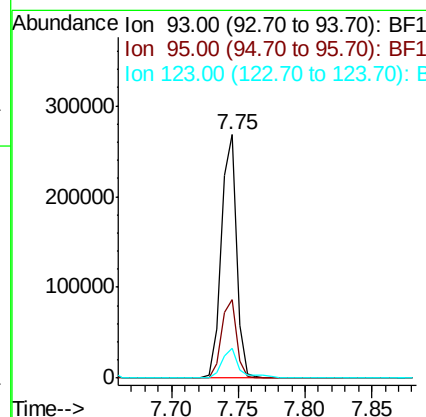
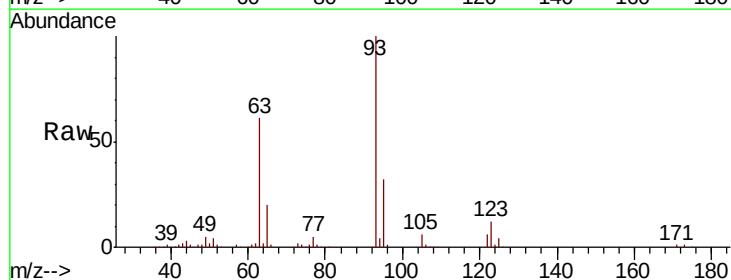
Tgt Ion: 93 Resp: 218018

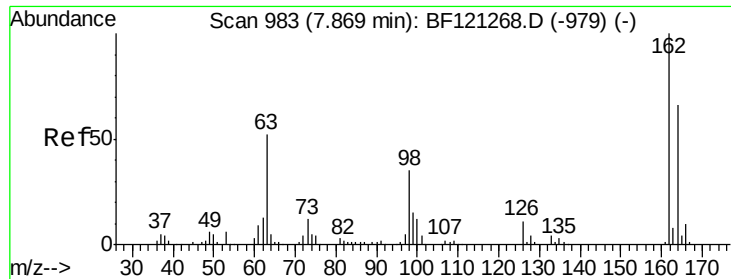
Ion Ratio Lower Upper

93 100

95 32.4 26.7 40.1

123 12.3 9.1 13.7

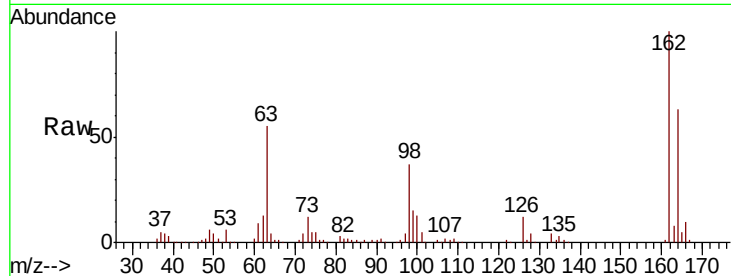




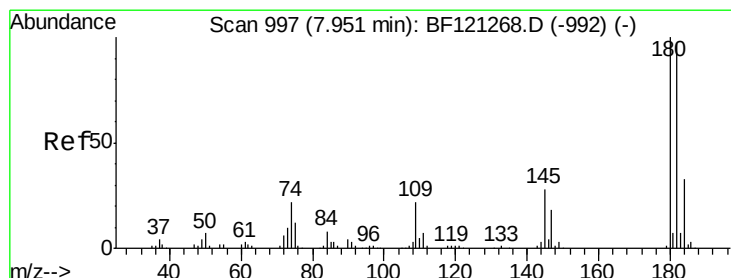
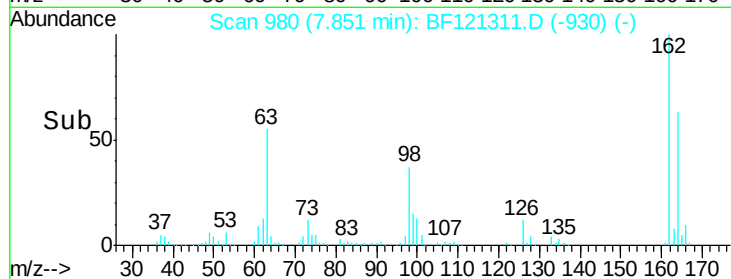
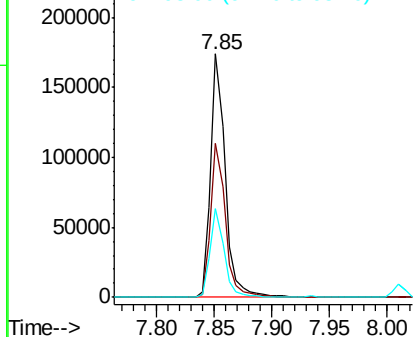
#29  
2,4-Dichlorophenol  
Concen: 23.022 ng  
RT: 7.85 min Scan# 980  
Delta R.T. -0.01 min  
Lab File: BF121311.D  
Acq: 17 Aug 2020 15:47

Instrument :  
BNA\_F  
ClientSampleId :  
SP1-3MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.2  | 45.0  | 85.0  |
| 98      | 36.7  | 13.7  | 53.7  |

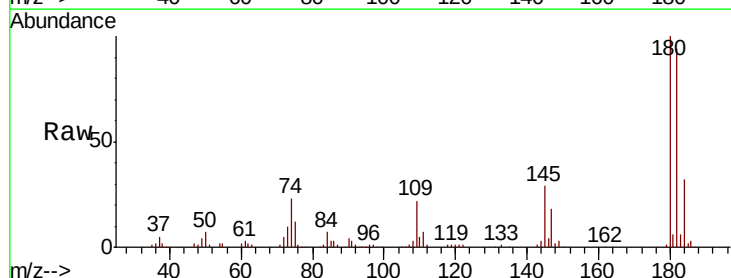


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

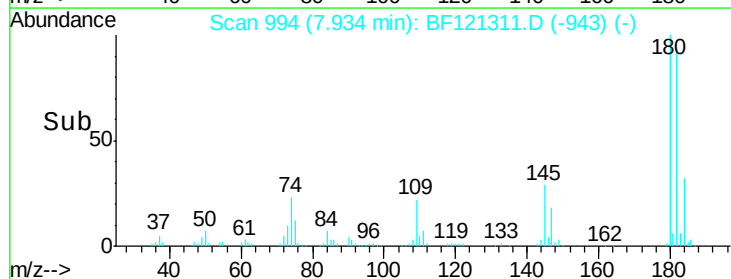
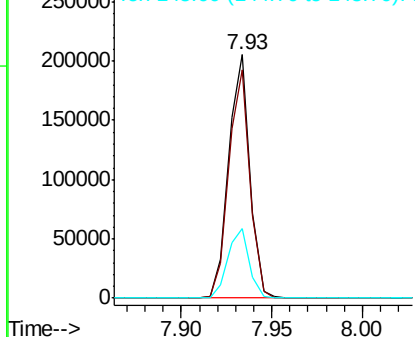


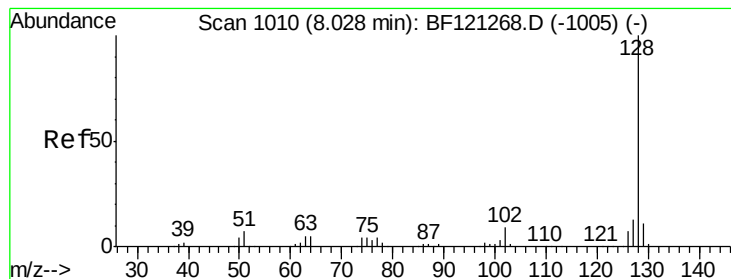
#30  
1,2,4-Trichlorobenzene  
Concen: 22.676 ng  
RT: 7.93 min Scan# 994  
Delta R.T. 0.00 min  
Lab File: BF121311.D  
Acq: 17 Aug 2020 15:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.9  | 75.8  | 113.6 |
| 145     | 28.6  | 23.4  | 35.0  |



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: 22.301 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

Instrument :

BNA\_F

ClientSampleId :

SP1-3MS

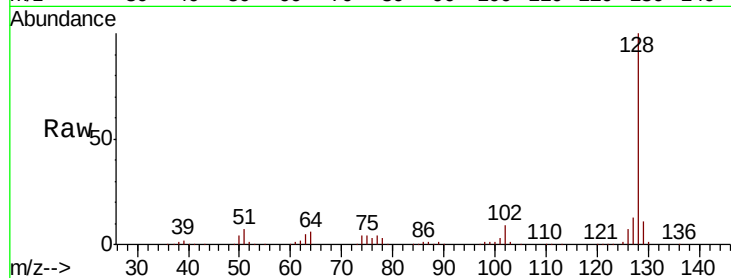
Tot Ion:128 Resp: 529180

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

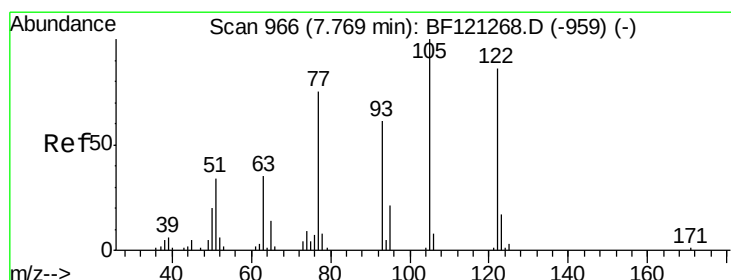
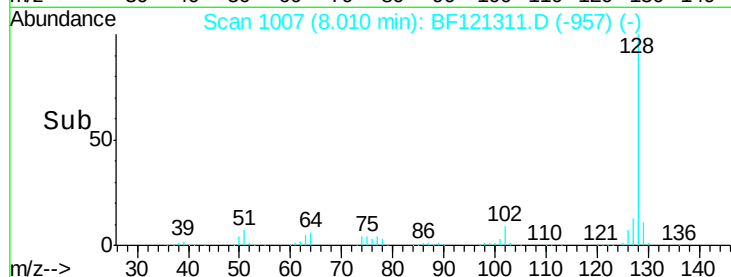
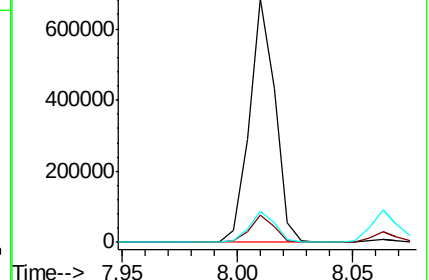
127 12.8 10.6 15.8



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: 26.291 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

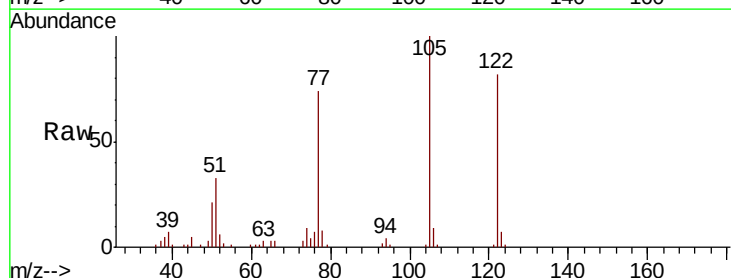
Tgt Ion:122 Resp: 79622

Ion Ratio Lower Upper

122 100

105 122.7 101.1 141.1

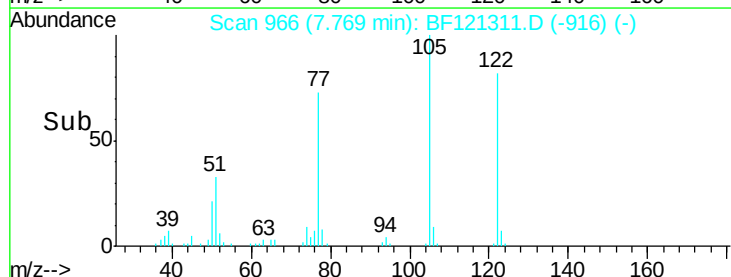
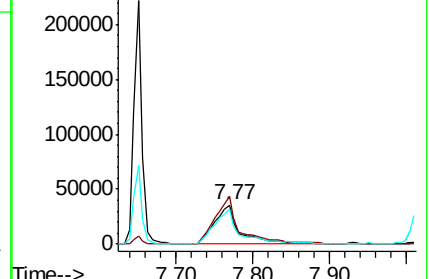
77 90.8 67.8 107.8

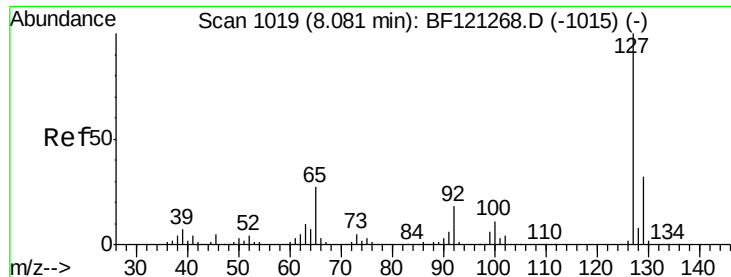


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

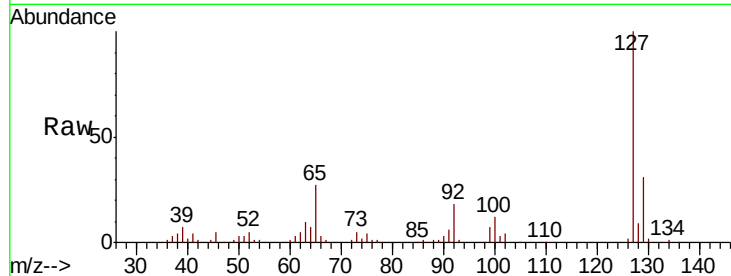




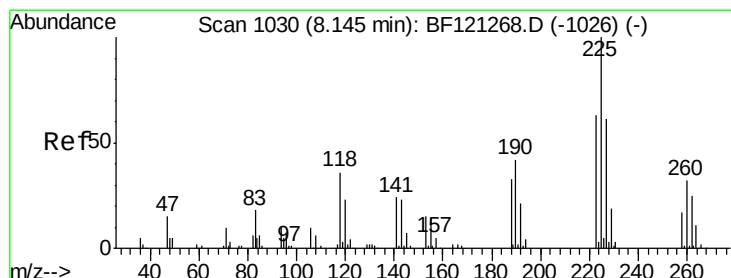
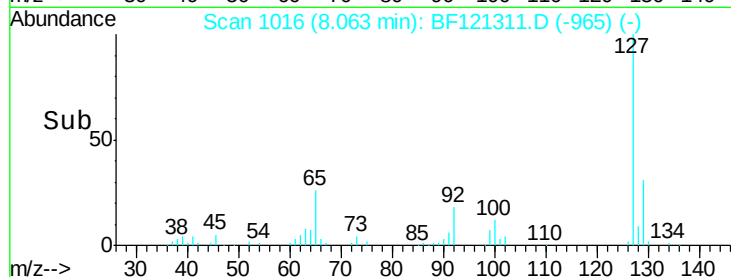
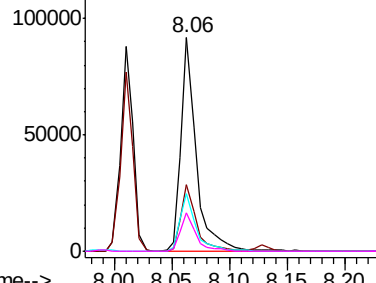
#33  
4-Chloroaniline  
Concen: 8.726 ng  
RT: 8.06 min Scan# 1016  
Delta R.T. 0.00 min  
Lab File: BF121311.D  
Acq: 17 Aug 2020 15:47

Instrument :  
BNA\_F  
ClientSampleId :  
SP1-3MS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 84497 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 31.3  | 25.7  | 38.5  |
| 65       | 27.1  | 22.9  | 34.3  |
| 92       | 17.9  | 15.0  | 22.4  |

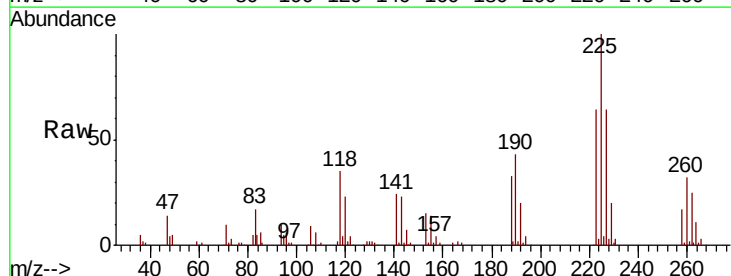


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

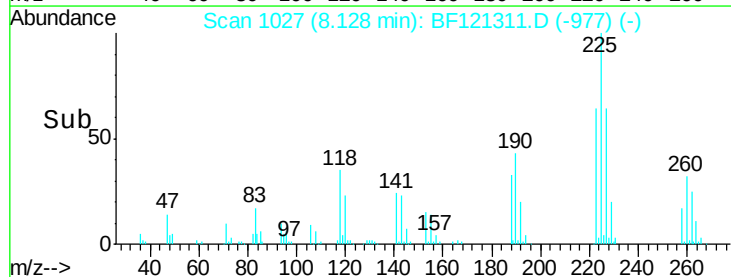
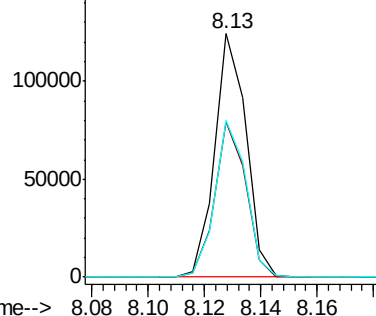


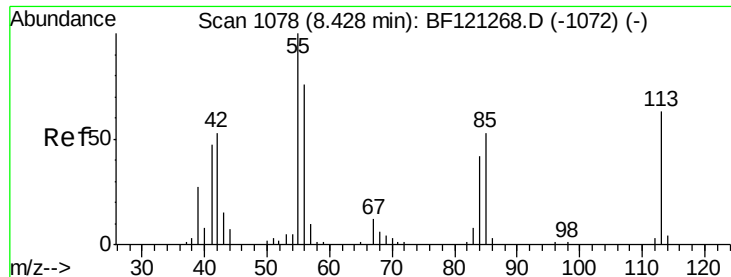
#34  
Hexachlorobutadiene  
Concen: 21.579 ng  
RT: 8.13 min Scan# 1027  
Delta R.T. -0.01 min  
Lab File: BF121311.D  
Acq: 17 Aug 2020 15:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 95797 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 63.6  | 51.0  | 76.4  |
| 227      | 64.5  | 51.0  | 76.4  |



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

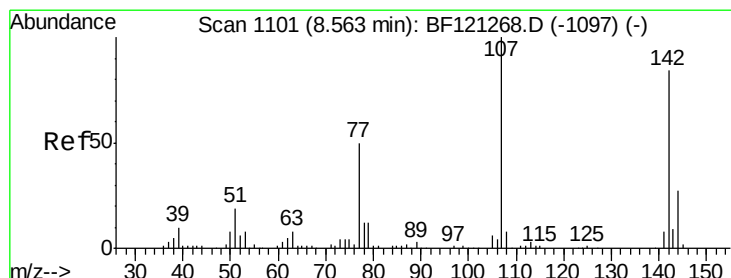
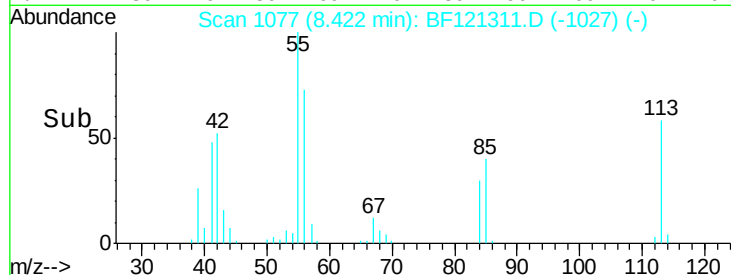
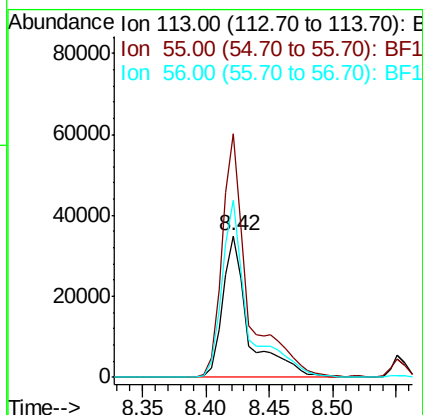
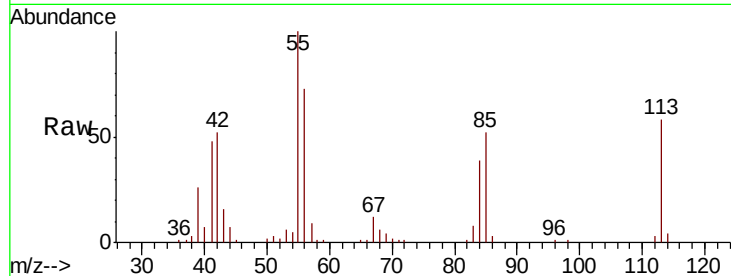




#35  
 Caprolactam  
 Concen: 24.986 ng  
 RT: 8.42 min Scan# 1077  
 Delta R.T. -0.01 min  
 Lab File: BF121311.D  
 Acq: 17 Aug 2020 15:47

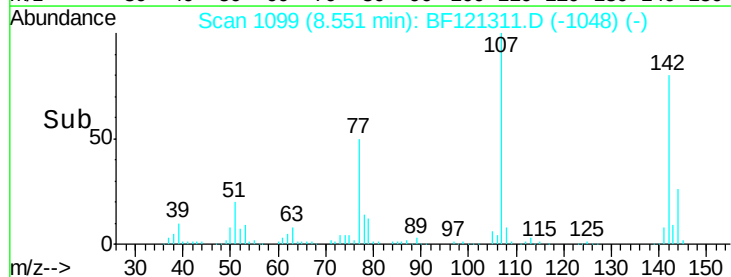
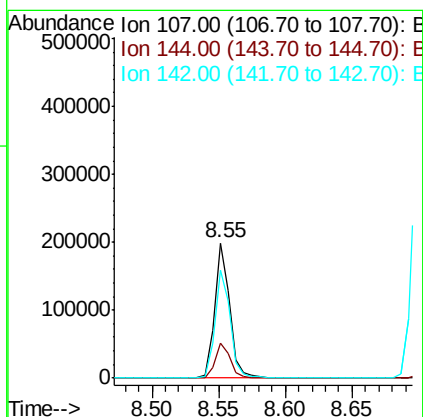
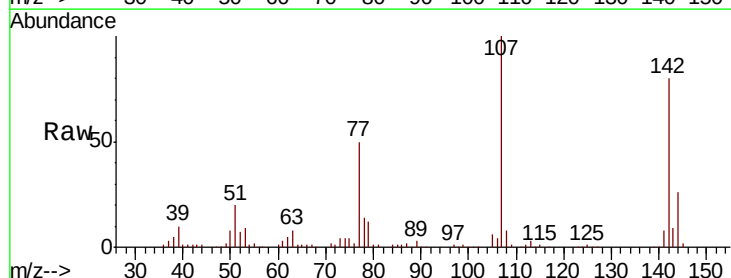
Instrument :  
 BNA\_F  
 ClientSampled :  
 SP1-3MS

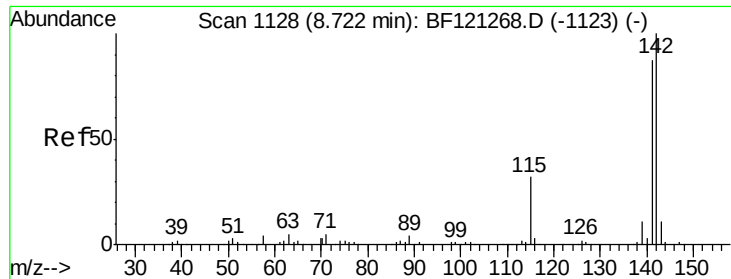
Tot Ion:113 Resp: 50031  
 Ion Ratio Lower Upper  
 113 100  
 55 172.0 146.1 186.1  
 56 125.1 103.3 143.3



#36  
 4-Chloro-3-methylphenol  
 Concen: 23.356 ng  
 RT: 8.55 min Scan# 1099  
 Delta R.T. 0.00 min  
 Lab File: BF121311.D  
 Acq: 17 Aug 2020 15:47

Tgt Ion:107 Resp: 158410  
 Ion Ratio Lower Upper  
 107 100  
 144 26.0 20.4 30.6  
 142 79.6 63.8 95.8

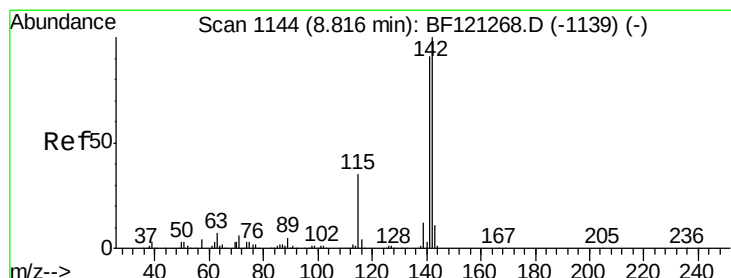
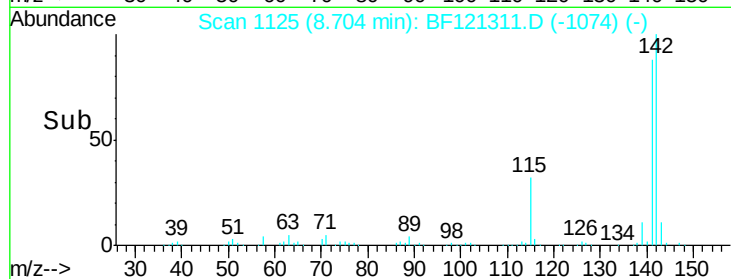
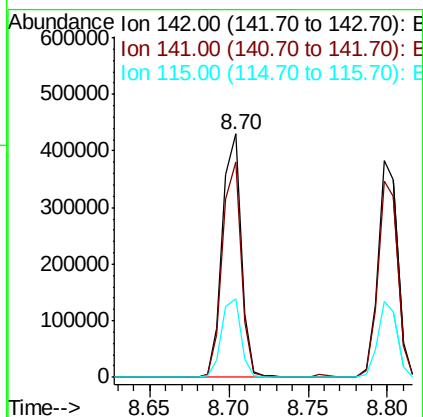
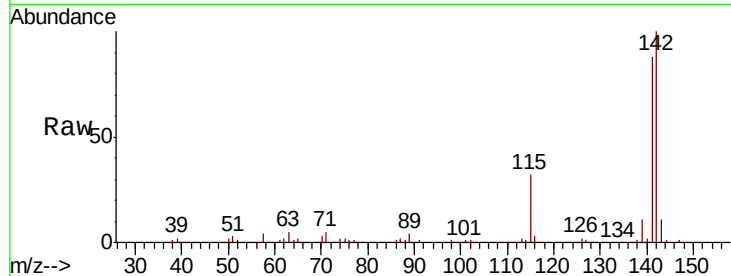




#37  
2-Methylnaphthalene  
Concen: 22.851 ng  
RT: 8.70 min Scan# 1125  
Delta R.T. 0.00 min  
Lab File: BF121311.D  
Acq: 17 Aug 2020 15:47

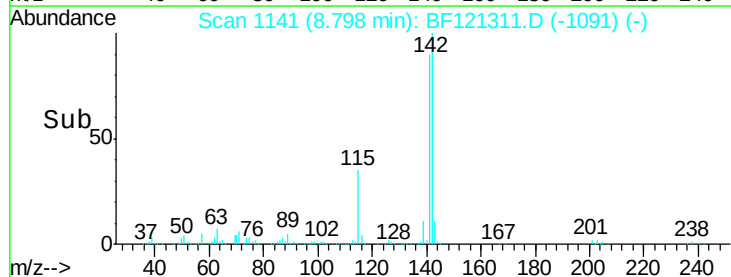
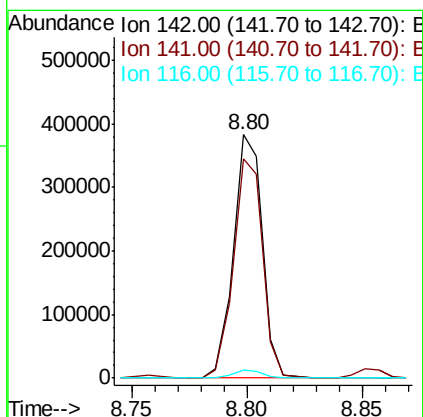
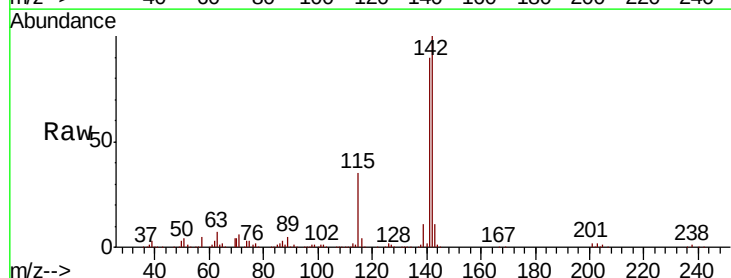
Instrument :  
BNA\_F  
ClientSampleId :  
SP1-3MS

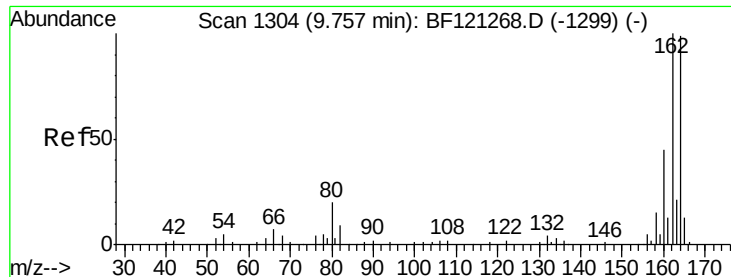
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.4  | 69.2  | 103.8 |
| 115     | 32.1  | 25.8  | 38.8  |



#38  
1-Methylnaphthalene  
Concen: 22.522 ng  
RT: 8.80 min Scan# 1141  
Delta R.T. -0.01 min  
Lab File: BF121311.D  
Acq: 17 Aug 2020 15:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.3  | 72.6  | 109.0 |
| 116     | 3.6   | 2.8   | 4.2   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

Instrument :

BNA\_F

ClientSampleId :

SP1-3MS

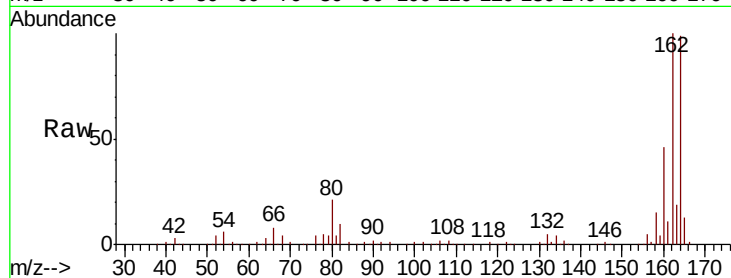
Tot Ion:164 Resp: 221245

Ion Ratio Lower Upper

164 100

162 100.9 80.2 120.2

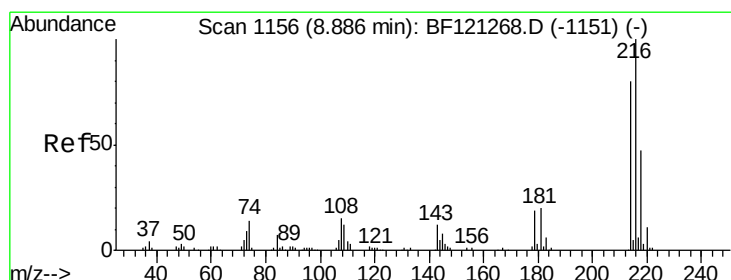
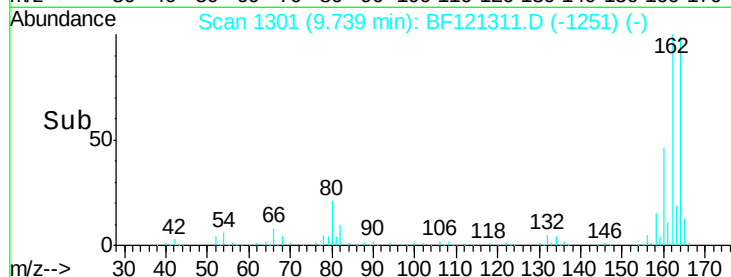
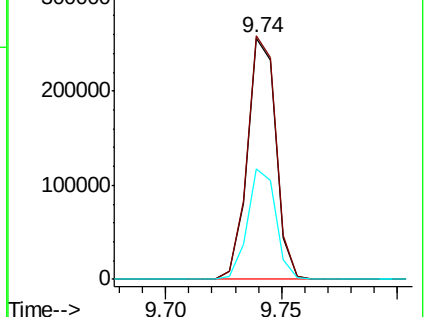
160 45.9 36.5 54.7



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: 22.744 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

Tgt Ion:216 Resp: 168605

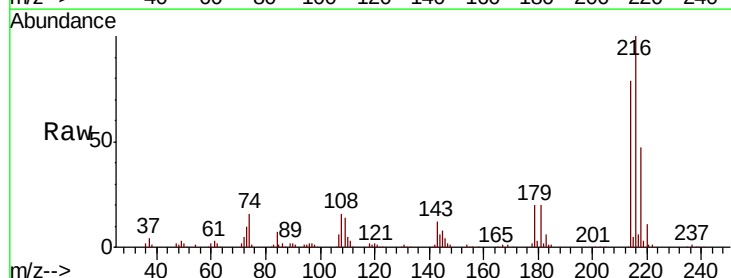
Ion Ratio Lower Upper

216 100

214 78.7 63.2 94.8

179 20.1 15.8 23.6

108 18.2 14.1 21.1

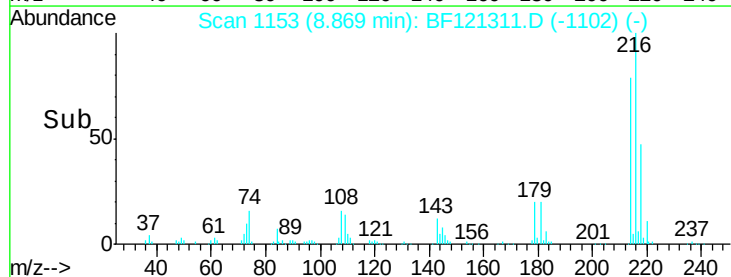
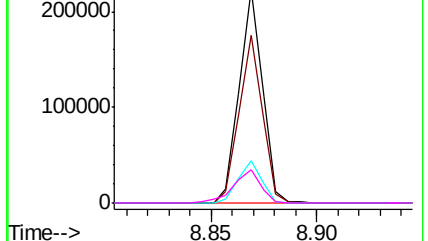


Abundance Ion 216.00 (215.70 to 216.70): E

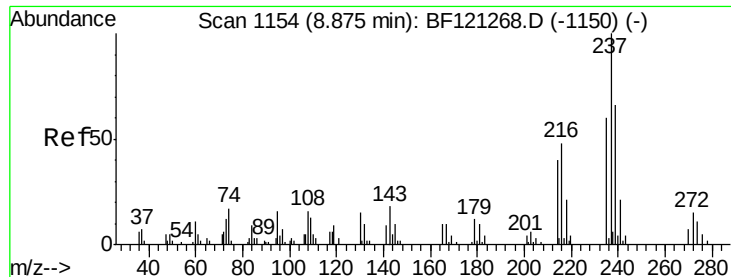
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



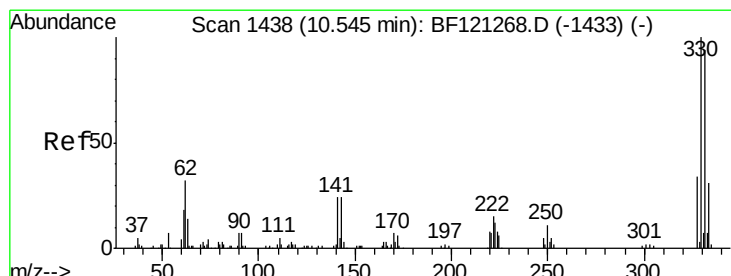
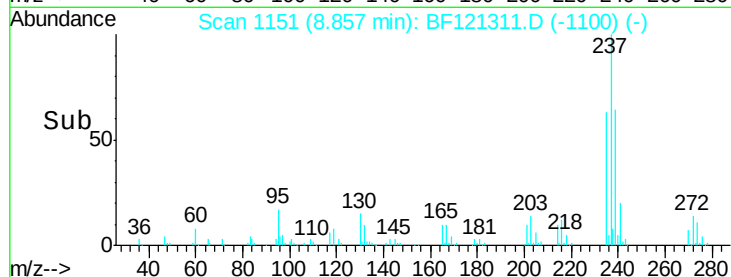
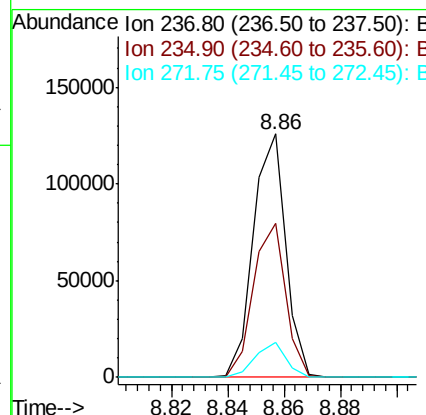
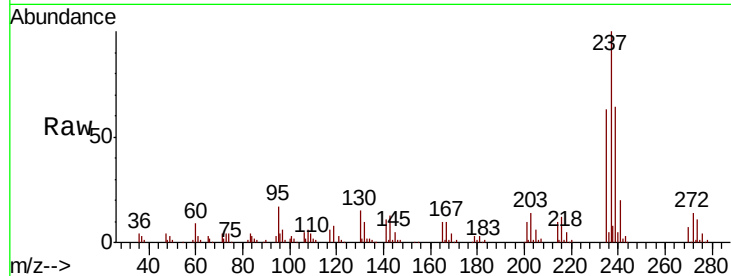




#41  
Hexachlorocyclopentadiene  
Concen: 45.142 ng  
RT: 8.86 min Scan# 1151  
Delta R.T. 0.00 min  
Lab File: BF121311.D  
Acq: 17 Aug 2020 15:47

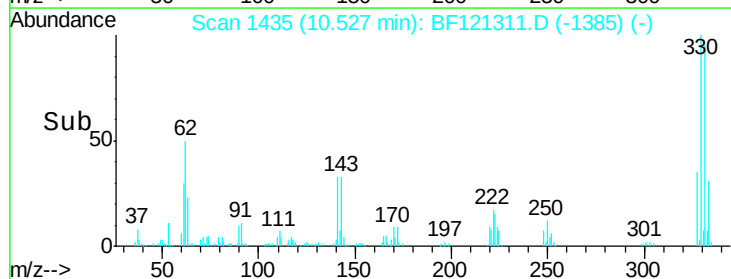
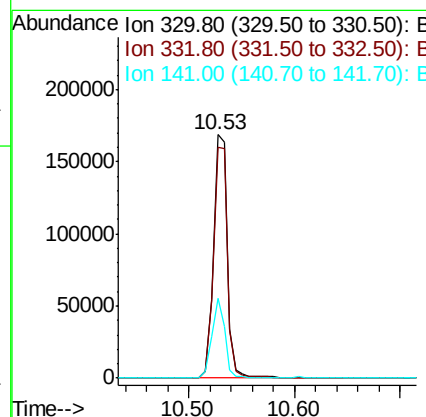
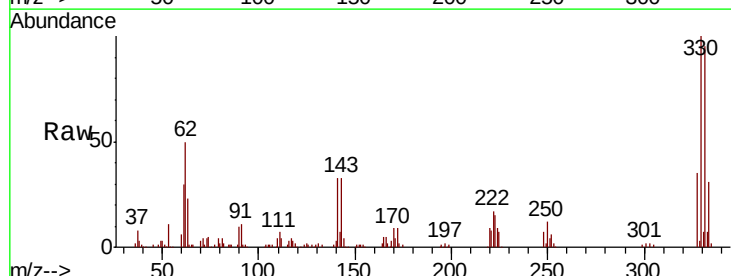
Instrument :  
BNA\_F  
ClientSampleId :  
SP1-3MS

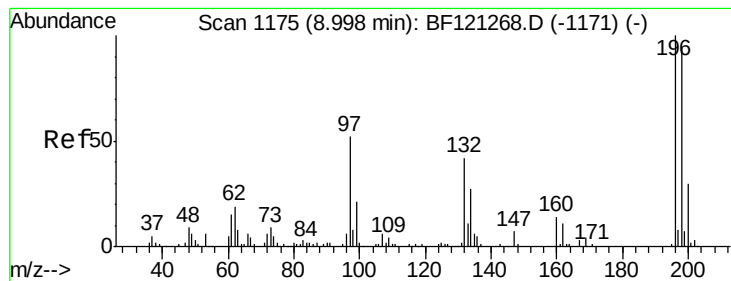
Tot Ion:237 Resp: 100303  
Ion Ratio Lower Upper  
237 100  
235 63.0 41.5 81.5  
272 14.2 0.0 34.2



#42  
2,4,6-Tribromophenol  
Concen: 57.449 ng  
RT: 10.53 min Scan# 1435  
Delta R.T. -0.01 min  
Lab File: BF121311.D  
Acq: 17 Aug 2020 15:47

Tgt Ion:330 Resp: 156488  
Ion Ratio Lower Upper  
330 100  
332 95.9 77.4 116.0  
141 30.1 24.2 36.4





#43

2,4,6-Trichlorophenol

Concen: 23.838 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

Instrument :

BNA\_F

ClientSampleId :

SP1-3MS

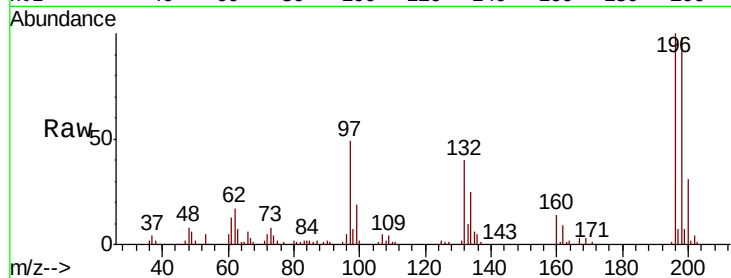
Tot Ion:196 Resp: 112387

Ion Ratio Lower Upper

196 100

198 97.7 76.9 115.3

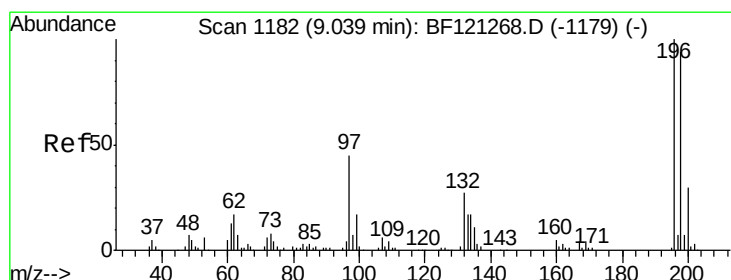
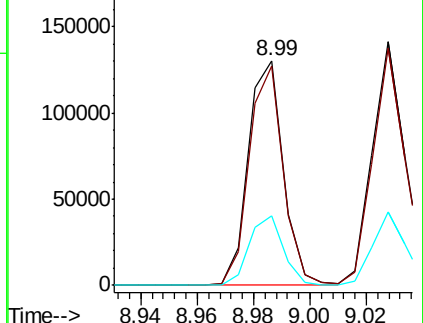
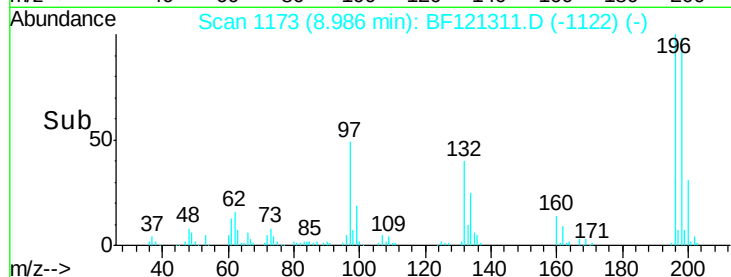
200 31.1 24.6 37.0



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 23.452 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

Tgt Ion:196 Resp: 120093

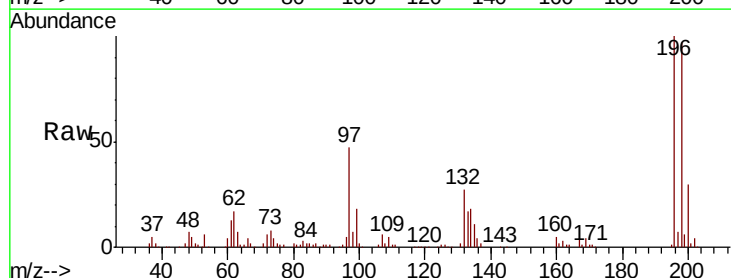
Ion Ratio Lower Upper

196 100

198 97.5 75.5 113.3

97 46.9 39.4 59.2

132 27.4 22.9 34.3

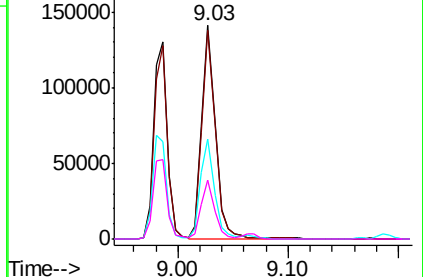
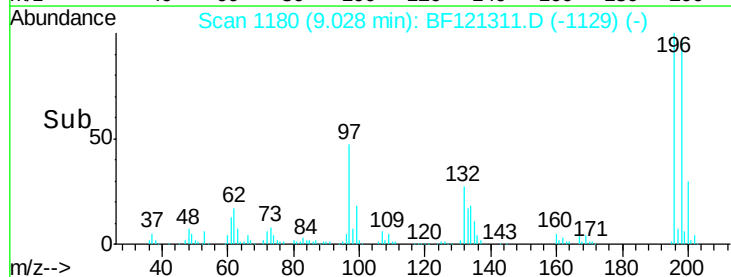


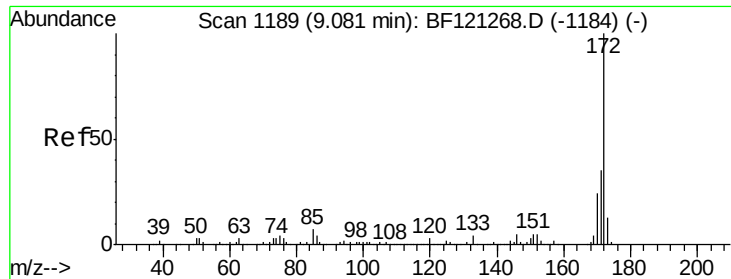
Abundance Ion 196.00 (195.70 to 196.70): E

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

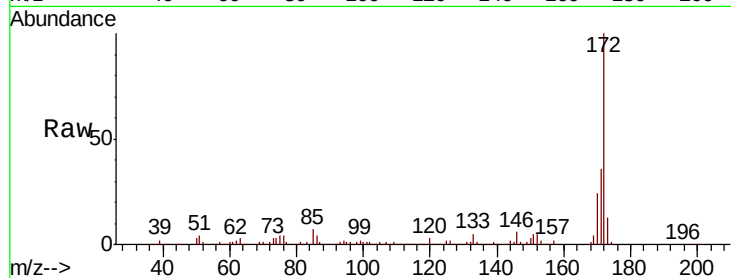




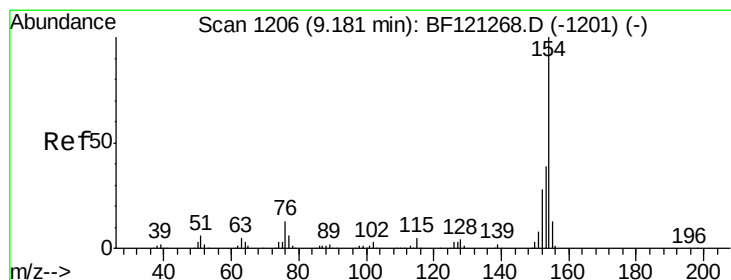
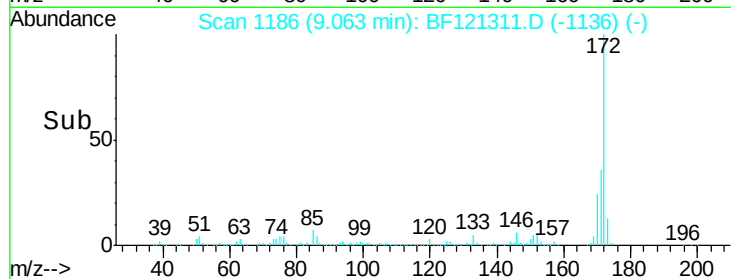
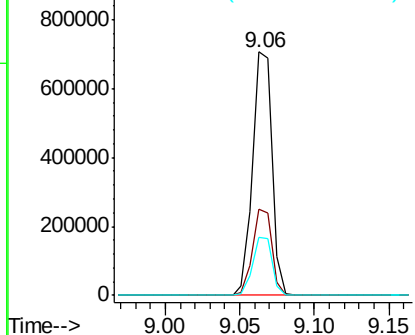
#45  
 2-Fluorobiphenyl  
 Concen: 39.485 ng  
 RT: 9.06 min Scan# 1186  
 Delta R.T. -0.01 min  
 Lab File: BF121311.D  
 Acq: 17 Aug 2020 15:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP1-3MS

Tot Ion:172 Resp: 631534  
 Ion Ratio Lower Upper  
 172 100  
 171 35.5 28.8 43.2  
 170 23.9 19.3 28.9

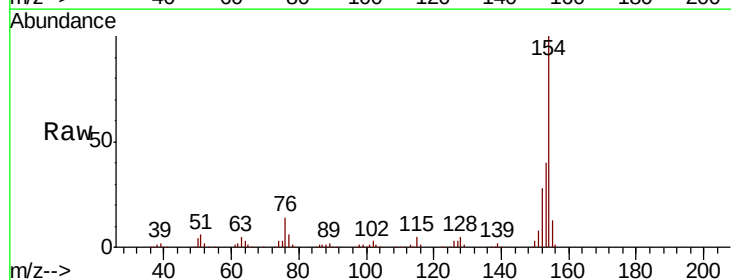


Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

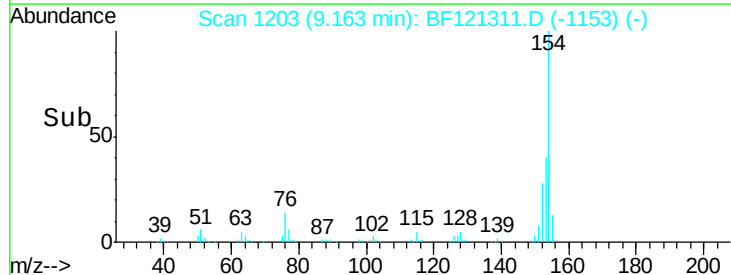
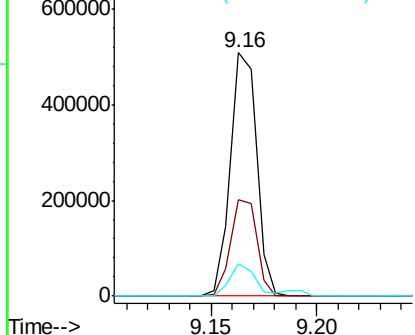


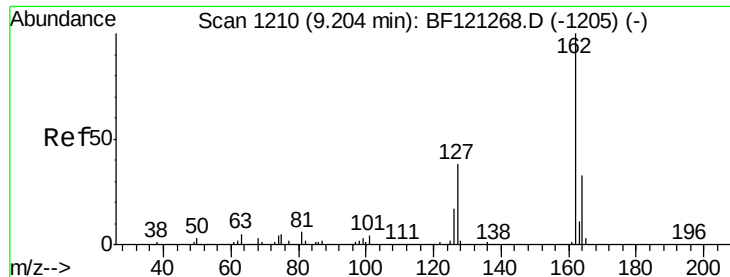
#46  
 1,1'-Biphenyl  
 Concen: 22.763 ng  
 RT: 9.16 min Scan# 1203  
 Delta R.T. -0.01 min  
 Lab File: BF121311.D  
 Acq: 17 Aug 2020 15:47

Tgt Ion:154 Resp: 435157  
 Ion Ratio Lower Upper  
 154 100  
 153 39.7 20.5 60.5  
 76 13.5 0.0 31.9



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

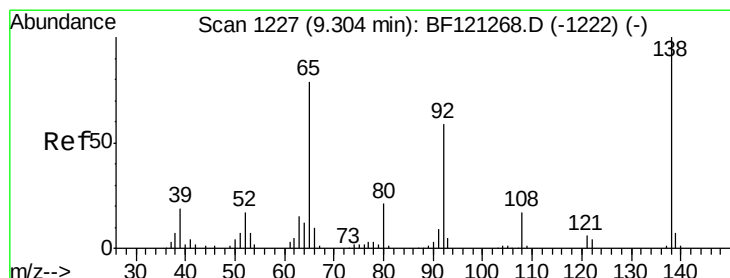
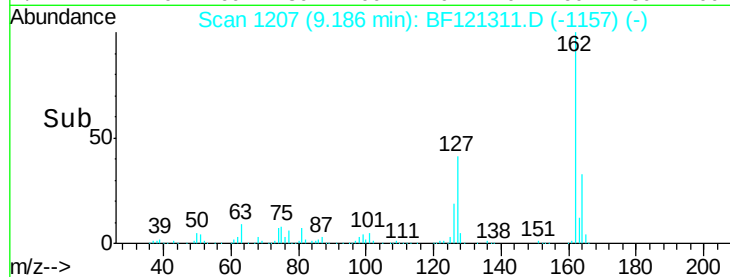
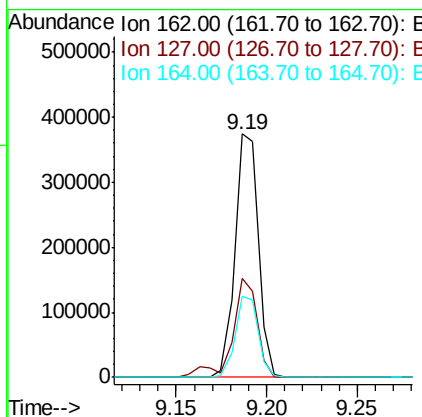
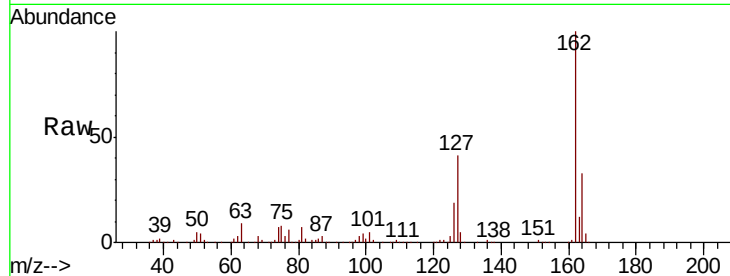




#47  
 2-Chloronaphthalene  
 Concen: 22.781 ng  
 RT: 9.19 min Scan# 1207  
 Delta R.T. -0.01 min  
 Lab File: BF121311.D  
 Acq: 17 Aug 2020 15:47

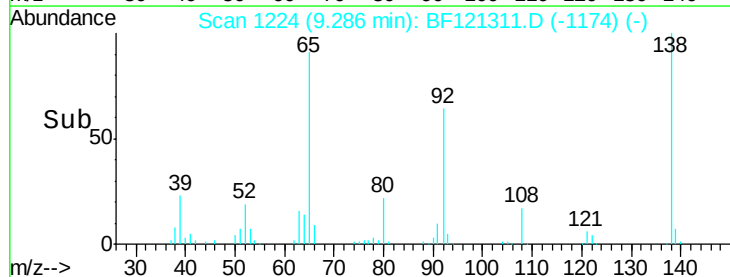
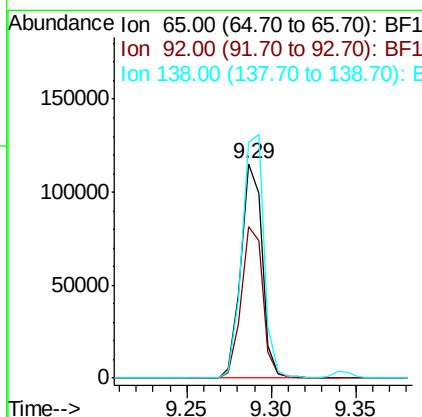
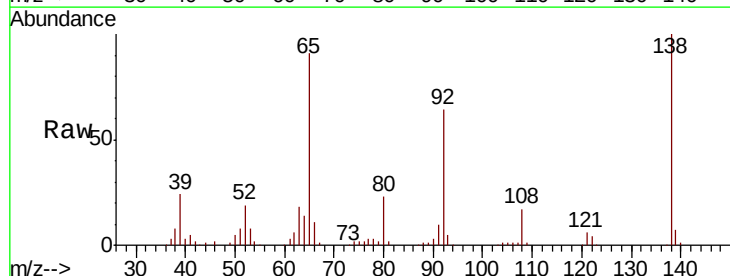
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP1-3MS

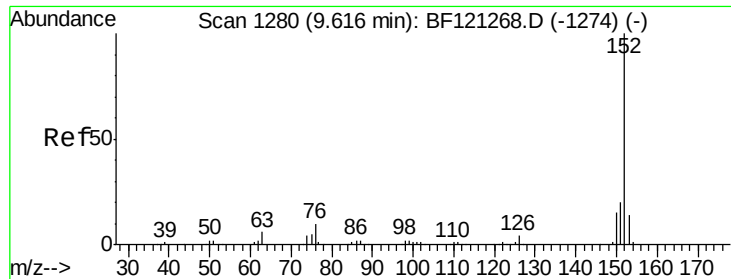
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 40.5  | 31.4  | 47.2  |
| 164     | 33.5  | 26.5  | 39.7  |



#48  
 2-Nitroaniline  
 Concen: 24.539 ng  
 RT: 9.29 min Scan# 1224  
 Delta R.T. -0.01 min  
 Lab File: BF121311.D  
 Acq: 17 Aug 2020 15:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 70.6  | 58.2  | 87.2  |
| 138     | 110.1 | 97.5  | 146.3 |





#49

Acenaphthylene

Concen: 23.008 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.00 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

Instrument :

BNA\_F

ClientSampleId :

SP1-3MS

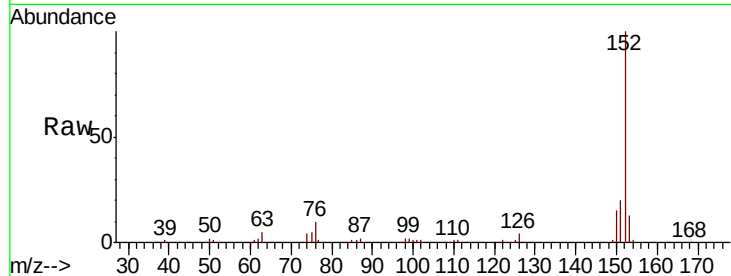
Tot Ion:152 Resp: 537765

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

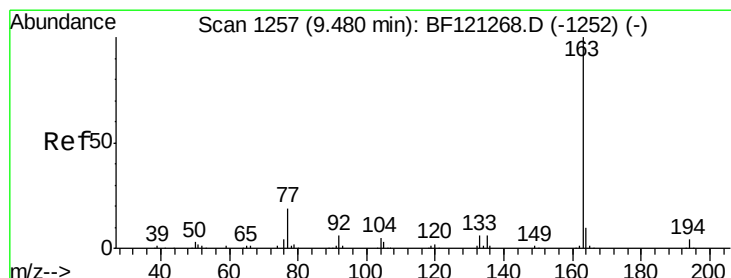
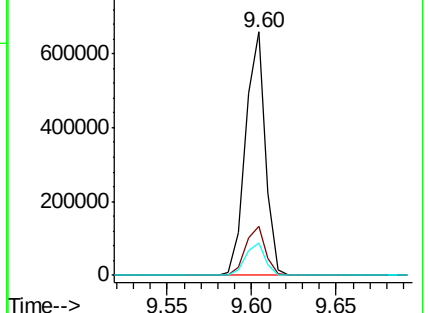
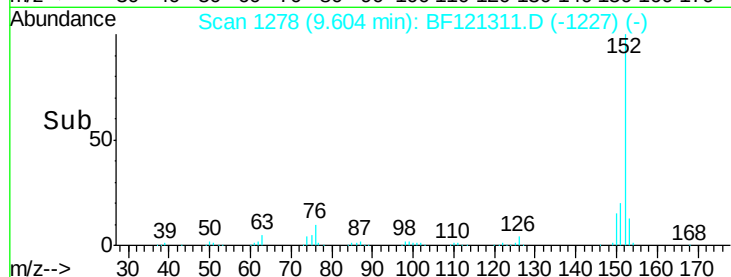
153 13.1 10.6 15.8



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: 28.334 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

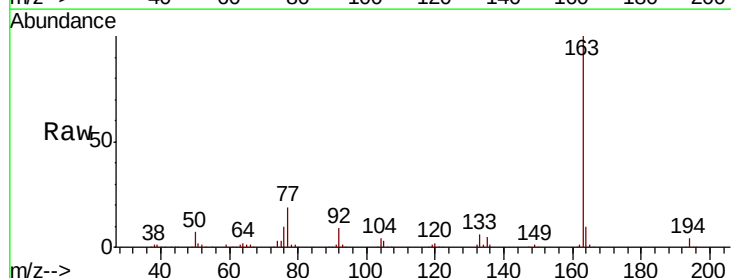
Tgt Ion:163 Resp: 471707

Ion Ratio Lower Upper

163 100

194 3.8 2.9 4.3

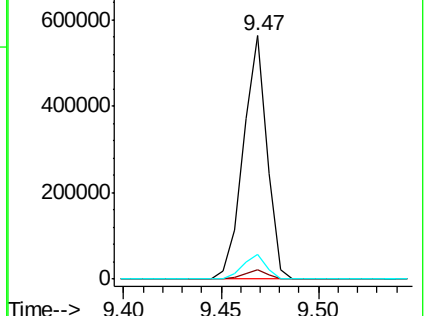
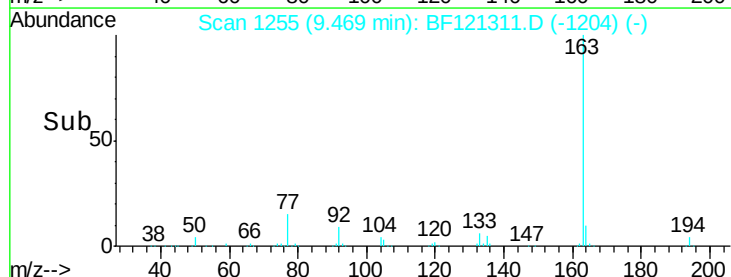
164 10.0 8.4 12.6

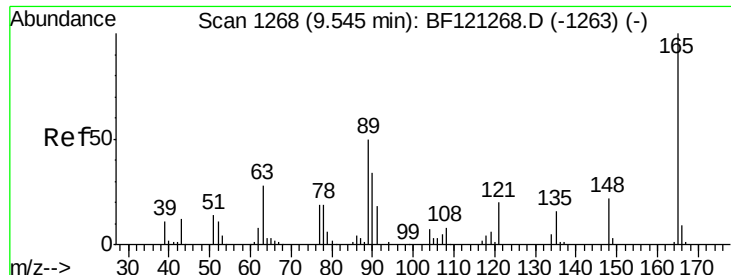


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

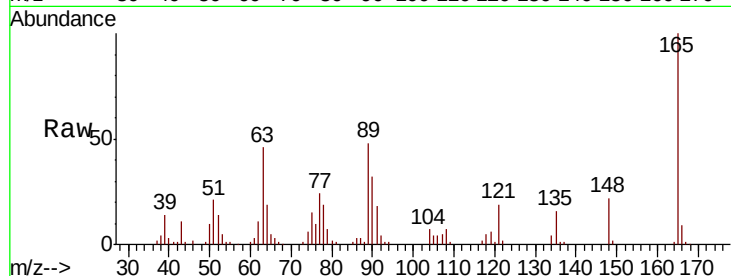




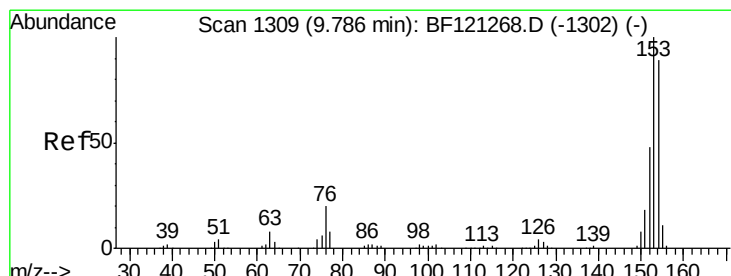
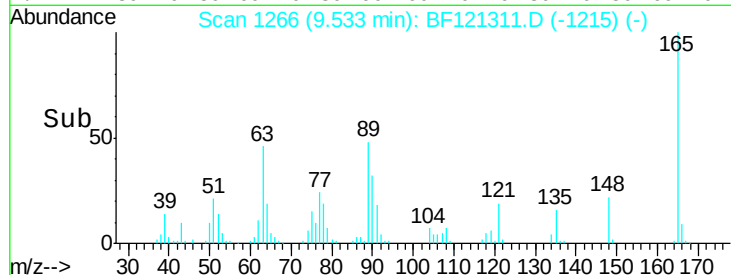
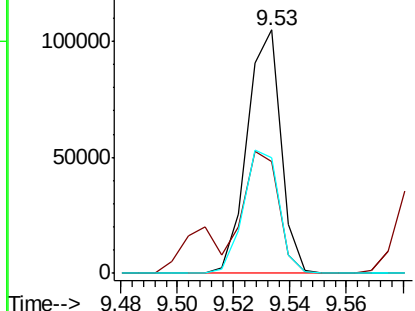
#51  
 2,6-Dinitrotoluene  
 Concen: 23.430 ng  
 RT: 9.53 min Scan# 1266  
 Delta R.T. 0.00 min  
 Lab File: BF121311.D  
 Acq: 17 Aug 2020 15:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP1-3MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 45.7  | 42.0  | 63.0  |
| 89      | 47.8  | 44.7  | 67.1  |

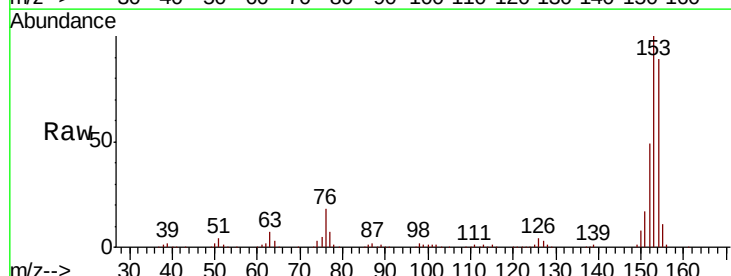


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 89.00 (88.70 to 89.70): BF1

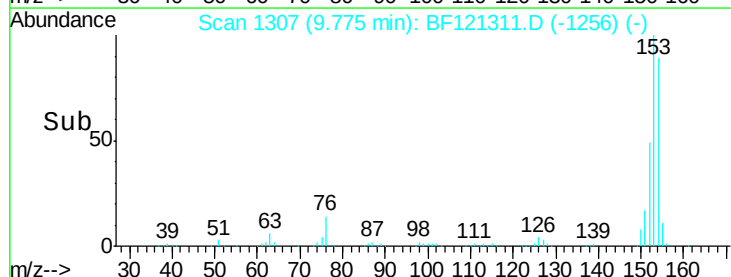
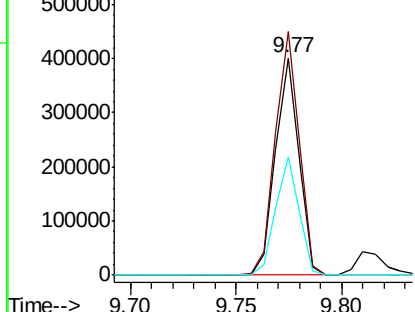


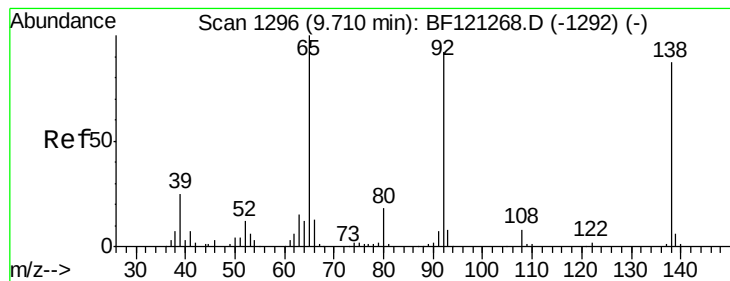
#52  
 Acenaphthene  
 Concen: 22.396 ng  
 RT: 9.77 min Scan# 1307  
 Delta R.T. 0.00 min  
 Lab File: BF121311.D  
 Acq: 17 Aug 2020 15:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 112.1 | 88.0  | 132.0 |
| 152     | 54.7  | 43.0  | 64.4  |



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: 11.524 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

Instrument :

BNA\_F

ClientSampleId :

SP1-3MS

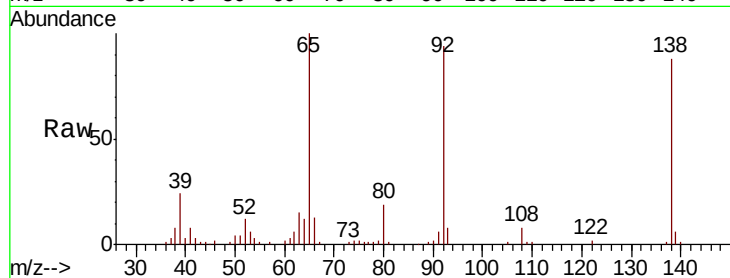
Tot Ion:138 Resp: 48830

Ion Ratio Lower Upper

138 100

108 9.5 7.6 11.4

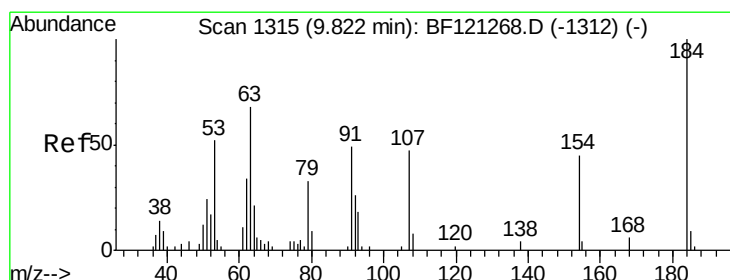
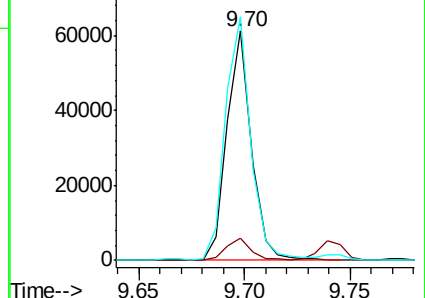
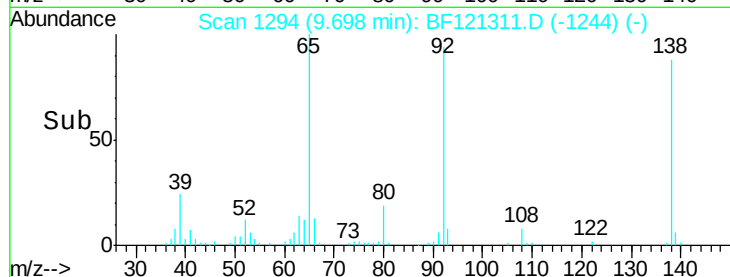
92 106.3 82.6 123.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 47.056 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

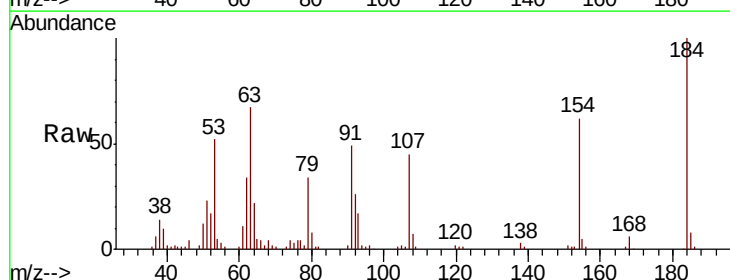
Tgt Ion:184 Resp: 72122

Ion Ratio Lower Upper

184 100

63 66.8 45.3 67.9

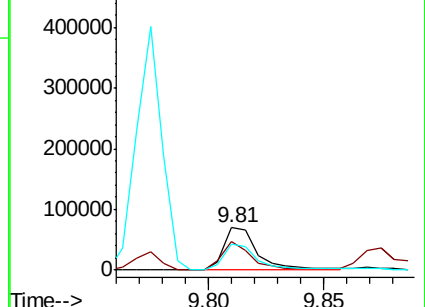
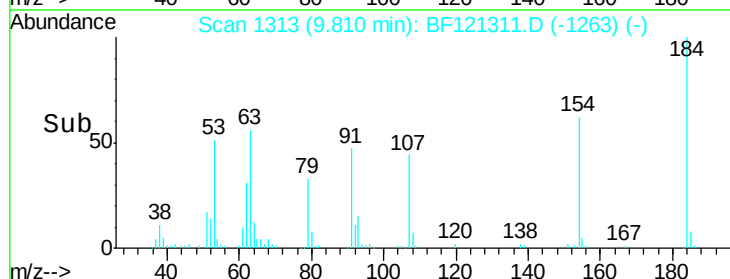
154 61.5 46.4 69.6

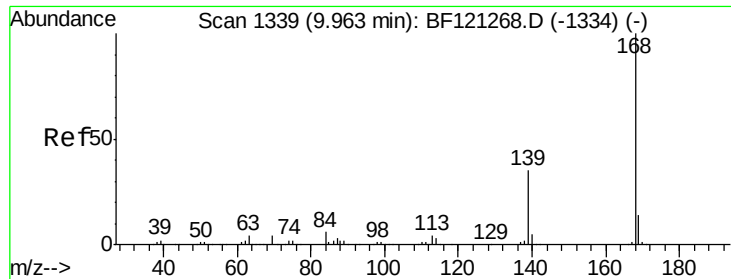


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

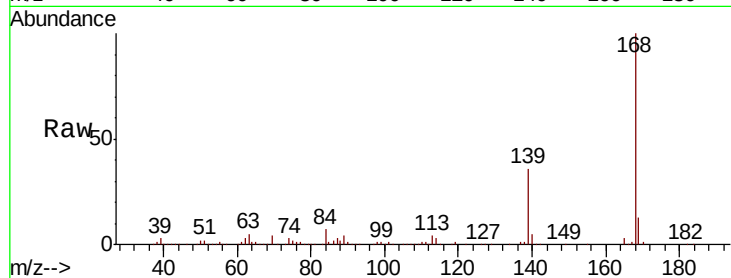




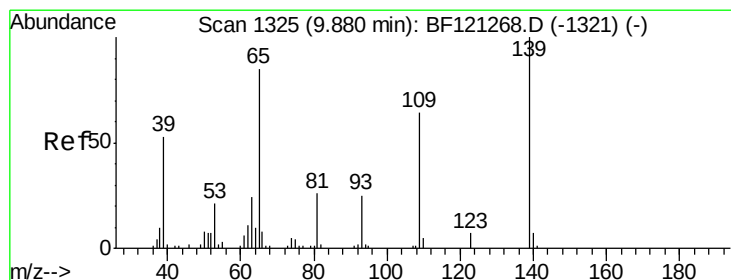
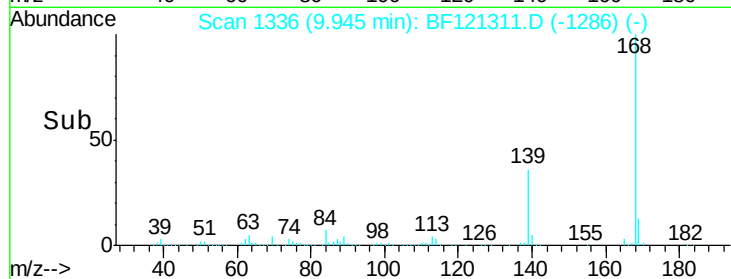
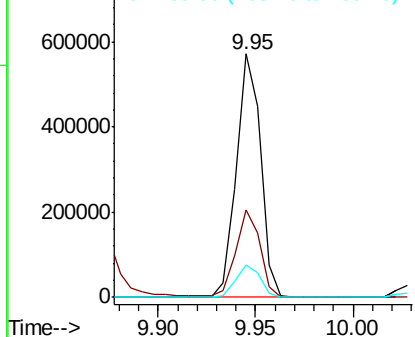
#55  
Dibenzofuran  
Concen: 22.308 ng  
RT: 9.95 min Scan# 1336  
Delta R.T. -0.01 min  
Lab File: BF121311.D  
Acq: 17 Aug 2020 15:47

Instrument :  
BNA\_F  
ClientSampleId :  
SP1-3MS

Tot Ion:168 Resp: 491616  
Ion Ratio Lower Upper  
168 100  
139 36.1 27.9 41.9  
169 13.5 10.5 15.7

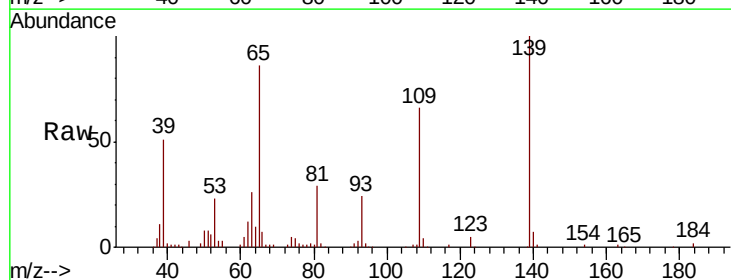


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

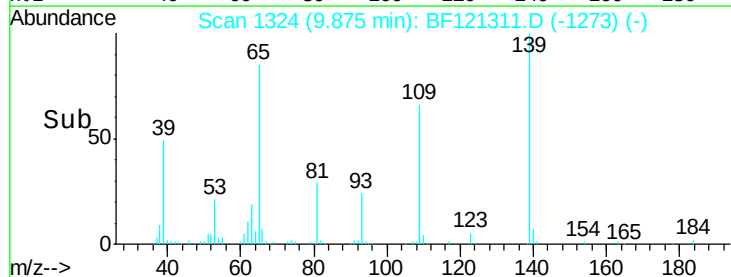
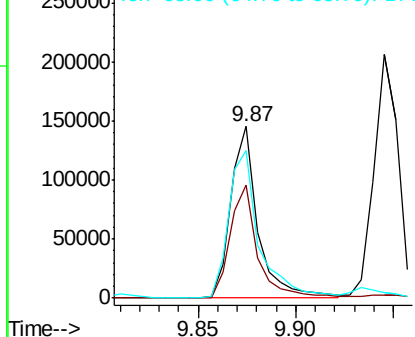


#56  
4-Nitrophenol  
Concen: 51.831 ng  
RT: 9.87 min Scan# 1324  
Delta R.T. 0.00 min  
Lab File: BF121311.D  
Acq: 17 Aug 2020 15:47

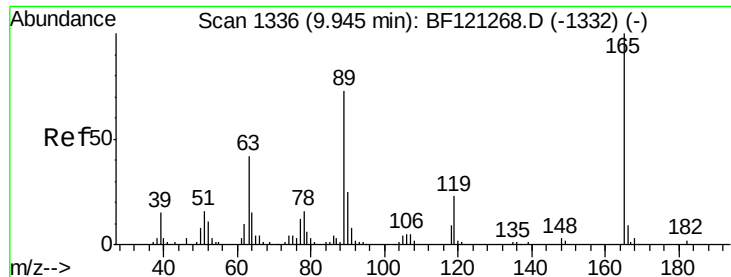
Tgt Ion:139 Resp: 141734  
Ion Ratio Lower Upper  
139 100  
109 65.8 44.3 84.3  
65 85.7 62.4 102.4



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







#57

2,4-Dinitrotoluene

Concen: 23.630 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

Instrument :

BNA\_F

ClientSampleId :

SP1-3MS

Tot Ion:165 Resp: 115087

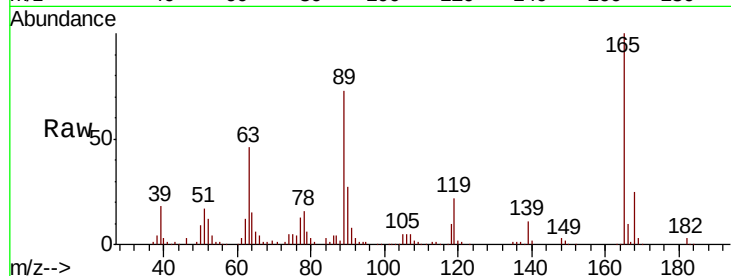
Ion Ratio Lower Upper

165 100

63 45.8 31.7 47.5

89 73.4 52.8 79.2

182 2.6 2.1 3.1

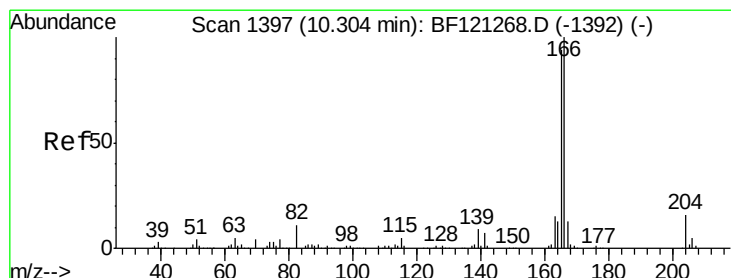
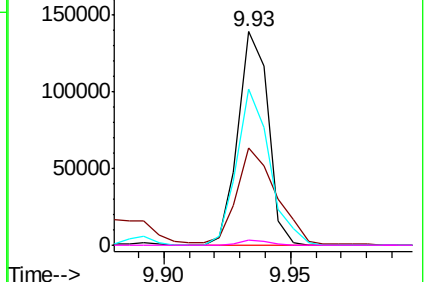
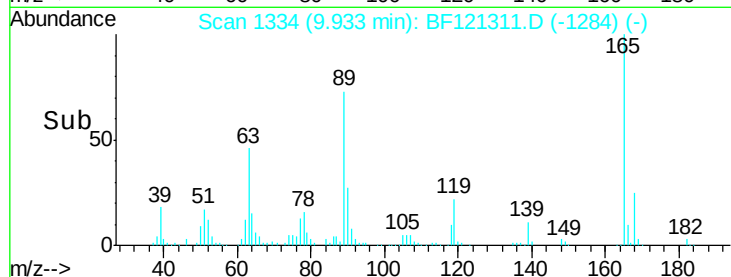


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 22.251 ng

RT: 10.29 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

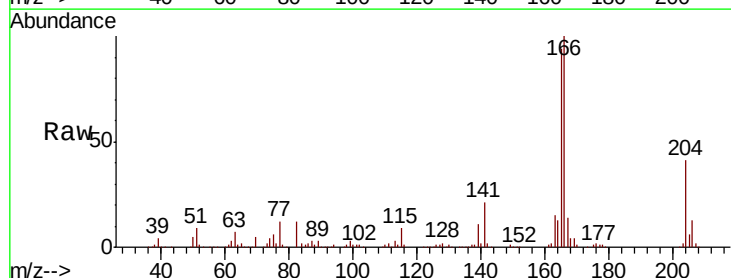
Tgt Ion:166 Resp: 371179

Ion Ratio Lower Upper

166 100

165 93.9 74.5 111.7

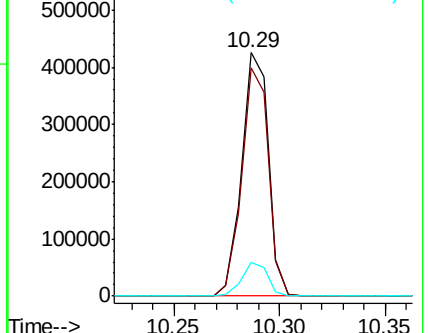
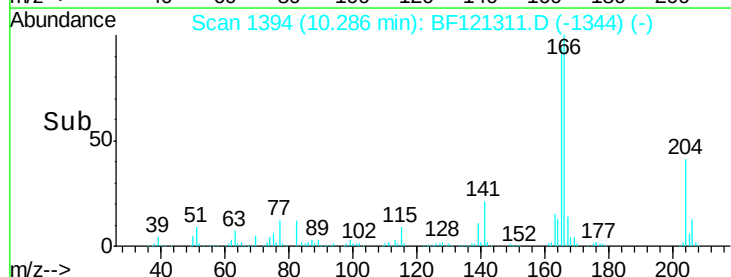
167 13.7 10.7 16.1

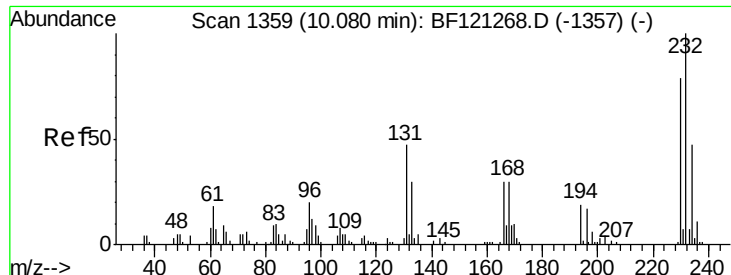


Abundance Ion 166.00 (165.70 to 166.70): E

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: 25.425 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

Instrument :

BNA\_F

ClientSampleId :

SP1-3MS

Tot Ion:232 Resp: 102943

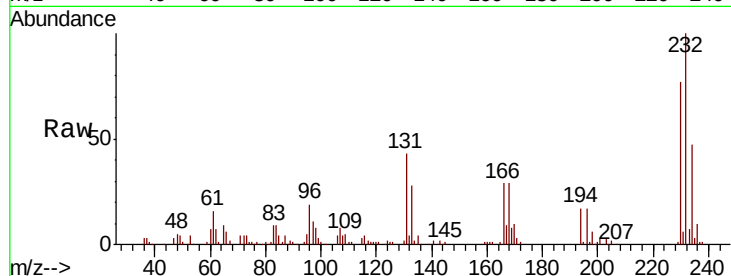
Ion Ratio Lower Upper

232 100

131 42.5 33.6 50.4

130 1.7 1.4 2.2

166 29.2 22.9 34.3

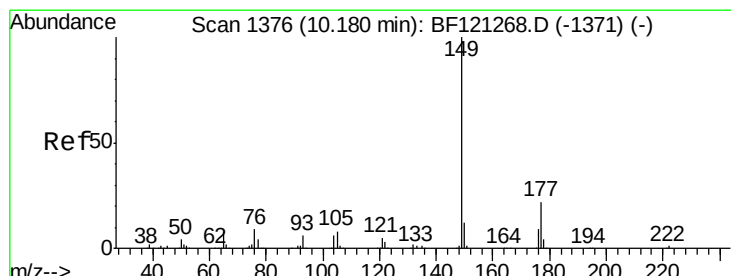
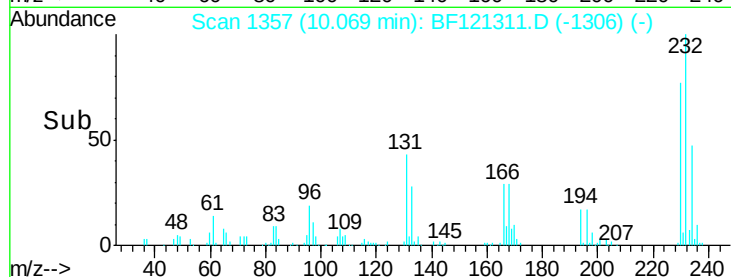
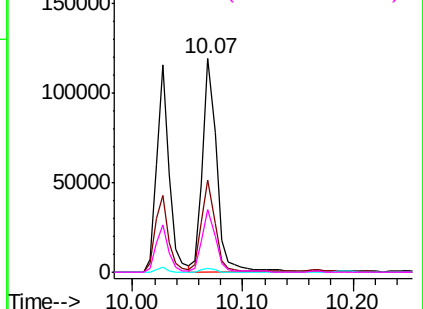


Abundance Ion 232.00 (231.70 to 232.70): E

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: 23.582 ng

RT: 10.17 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

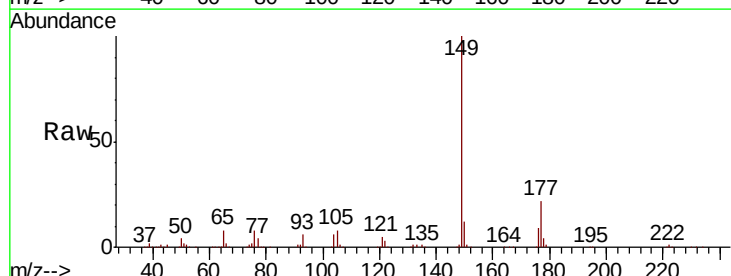
Tgt Ion:149 Resp: 399238

Ion Ratio Lower Upper

149 100

177 22.1 17.3 25.9

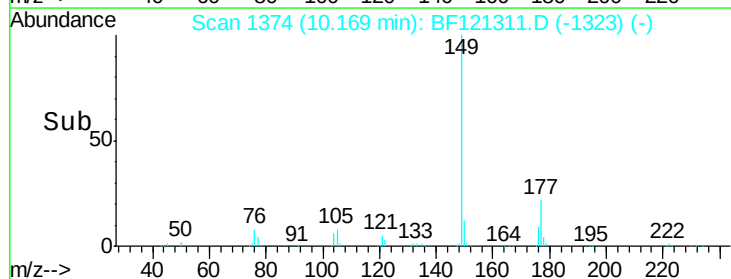
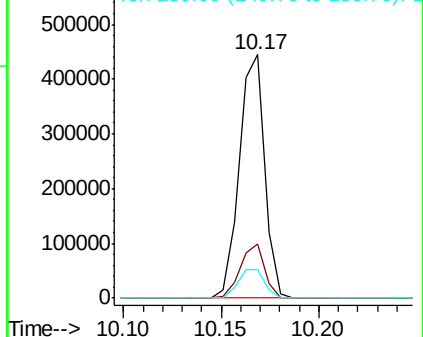
150 11.9 10.1 15.1

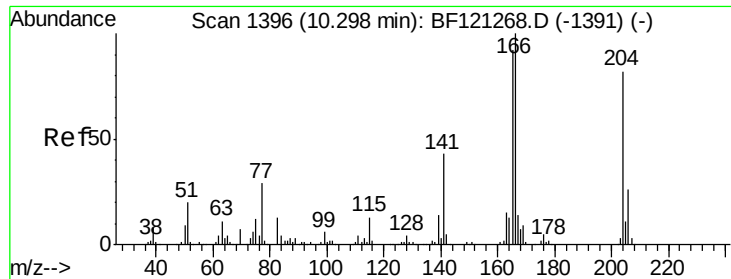


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

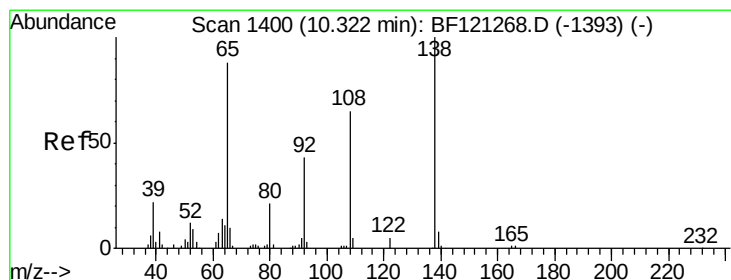
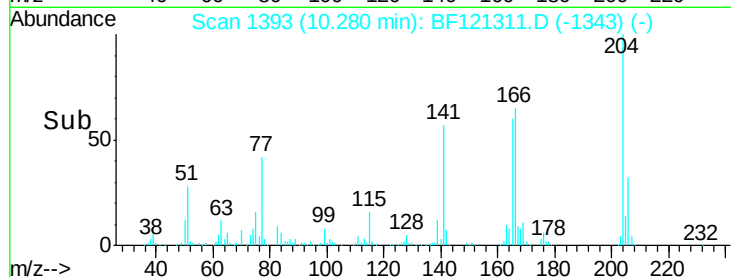
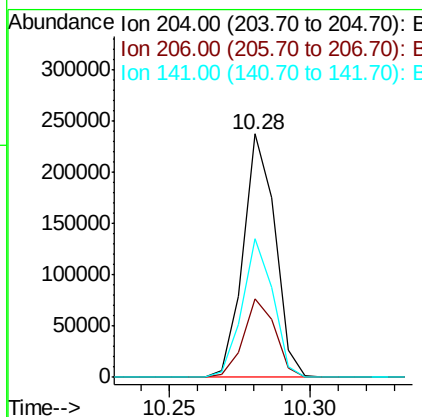
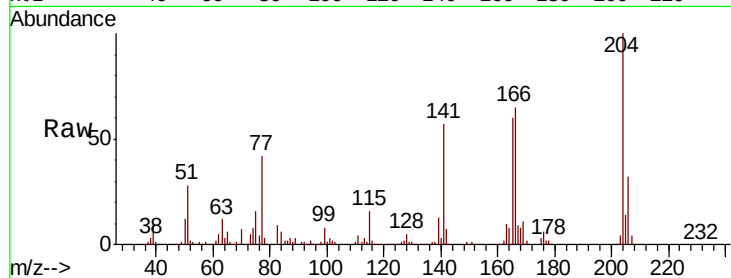




#61  
4-Chlorophenyl-phenylether  
Concen: 22.872 ng  
RT: 10.28 min Scan# 1393  
Delta R.T. -0.01 min  
Lab File: BF121311.D  
Acq: 17 Aug 2020 15:47

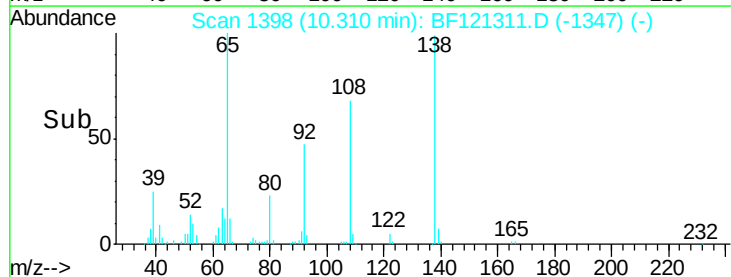
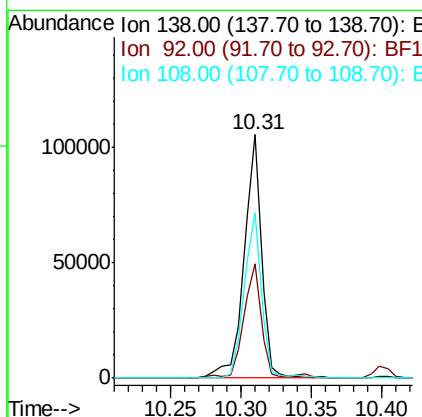
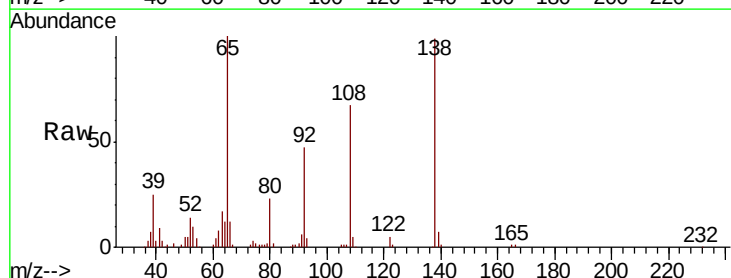
Instrument :  
BNA\_F  
ClientSampleId :  
SP1-3MS

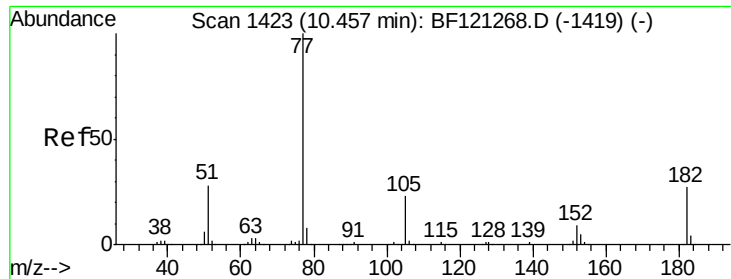
Tot Ion:204 Resp: 185568  
Ion Ratio Lower Upper  
204 100  
206 32.1 26.2 39.2  
141 57.2 41.7 62.5



#62  
4-Nitroaniline  
Concen: 21.608 ng  
RT: 10.31 min Scan# 1398  
Delta R.T. 0.00 min  
Lab File: BF121311.D  
Acq: 17 Aug 2020 15:47

Tgt Ion:138 Resp: 91800  
Ion Ratio Lower Upper  
138 100  
92 47.2 28.2 68.2  
108 68.1 50.0 90.0

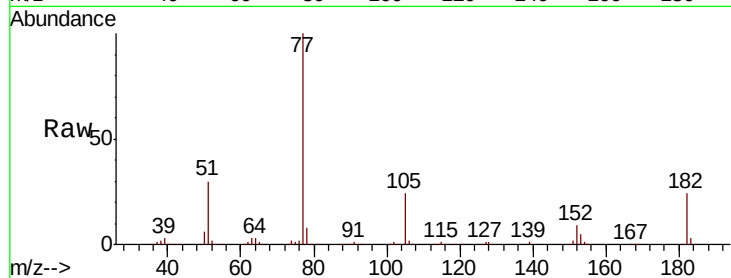




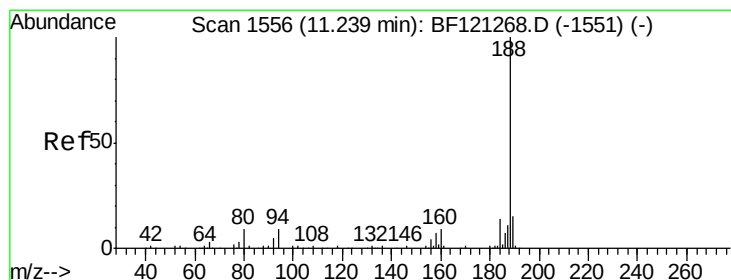
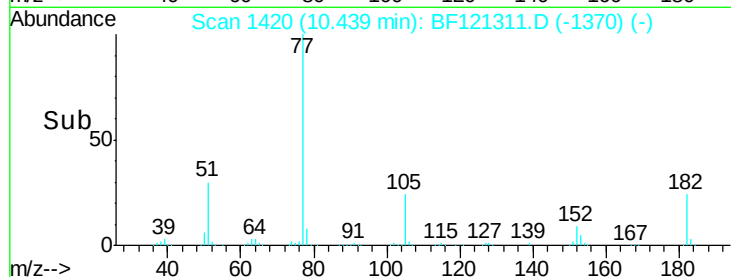
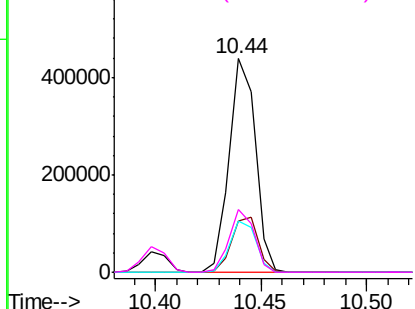
#63  
Azobenzene  
Concen: 22.247 ng  
RT: 10.44 min Scan# 1420  
Delta R.T. -0.01 min  
Lab File: BF121311.D  
Acq: 17 Aug 2020 15:47

Instrument :  
BNA\_F  
ClientSampleId :  
SP1-3MS

Tot Ion: 77 Resp: 376328  
Ion Ratio Lower Upper  
77 100  
182 24.1 6.7 46.7  
105 23.8 3.7 43.7  
51 29.6 8.1 48.1

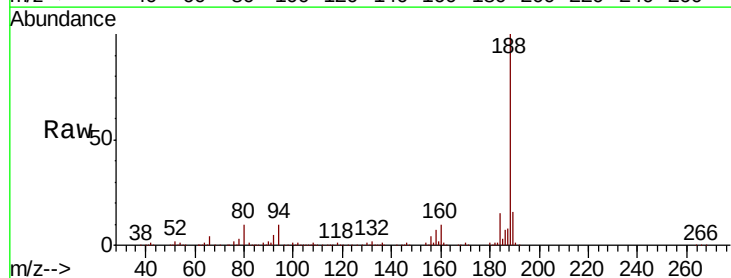


Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF1

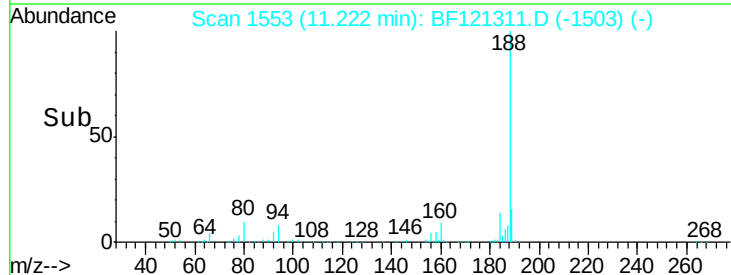
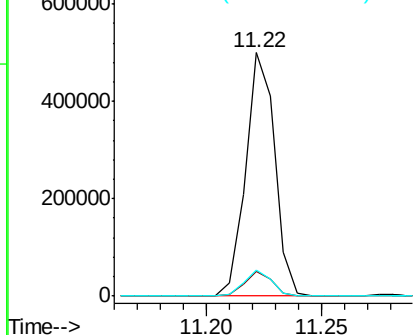


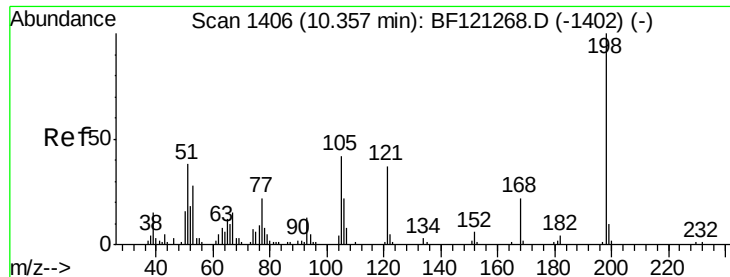
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.22 min Scan# 1553  
Delta R.T. -0.01 min  
Lab File: BF121311.D  
Acq: 17 Aug 2020 15:47

Tgt Ion: 188 Resp: 441132  
Ion Ratio Lower Upper  
188 100  
94 10.3 6.4 9.6#  
80 10.4 7.0 10.4



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





#65

4,6-Dinitro-2-methylphenol

Concen: 23.913 ng

RT: 10.35 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

Instrument :

BNA\_F

ClientSampleId :

SP1-3MS

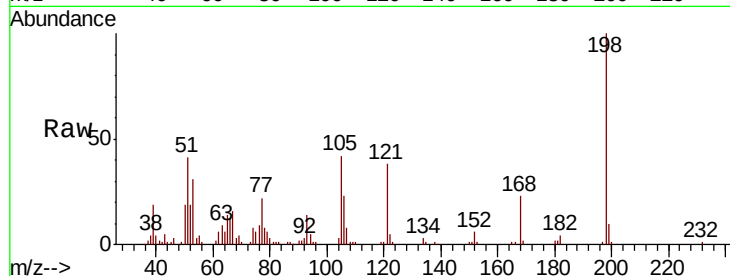
Tot Ion:198 Resp: 56067

Ion Ratio Lower Upper

198 100

51 41.4 29.1 69.1

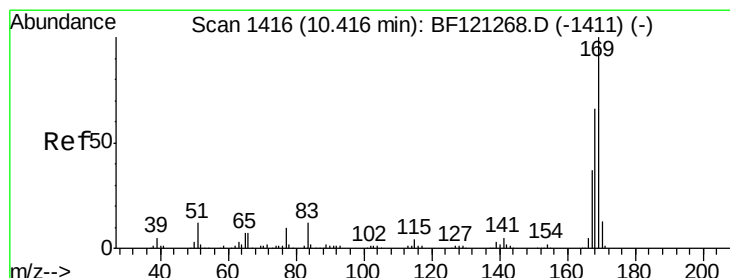
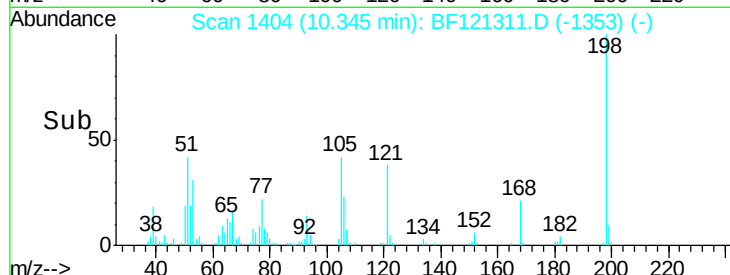
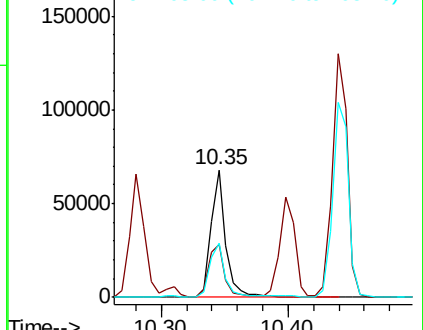
105 42.2 28.5 68.5



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: 22.609 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.00 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

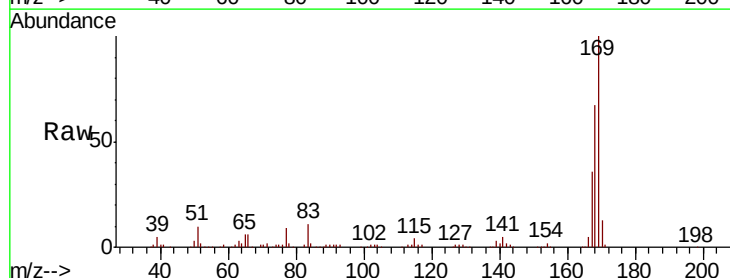
Tgt Ion:169 Resp: 341975

Ion Ratio Lower Upper

169 100

168 67.2 53.4 80.0

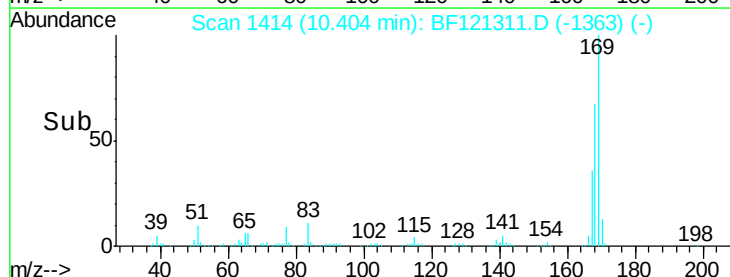
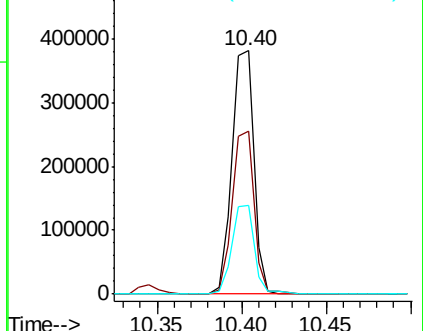
167 36.2 29.3 43.9

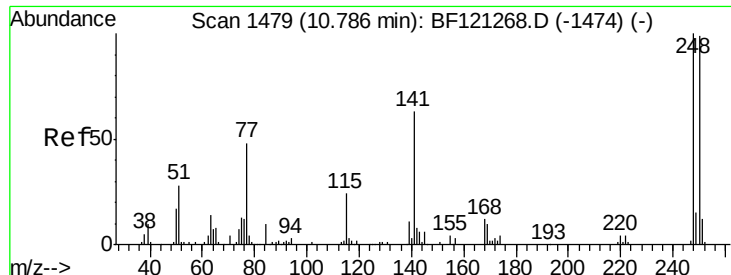


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

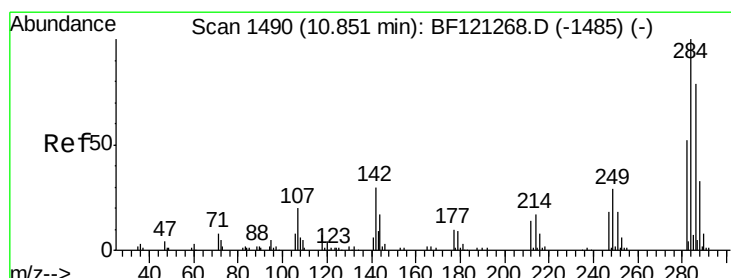
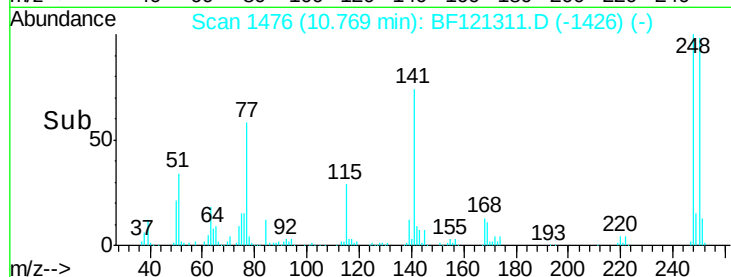
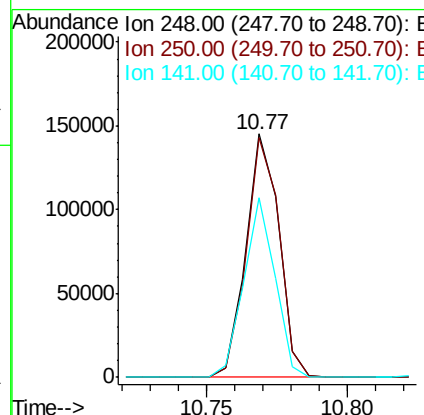
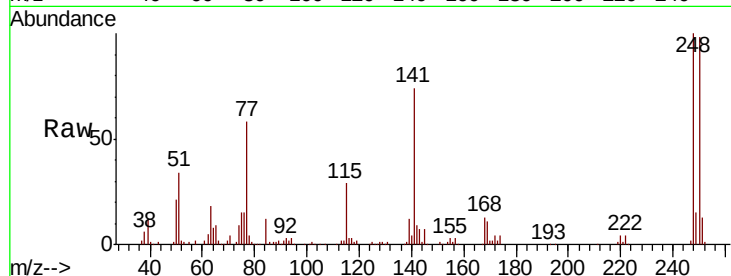




#67  
 4-Bromophenyl-phenylether  
 Concen: 22.920 ng  
 RT: 10.77 min Scan# 1476  
 Delta R.T. -0.01 min  
 Lab File: BF121311.D  
 Acq: 17 Aug 2020 15:47

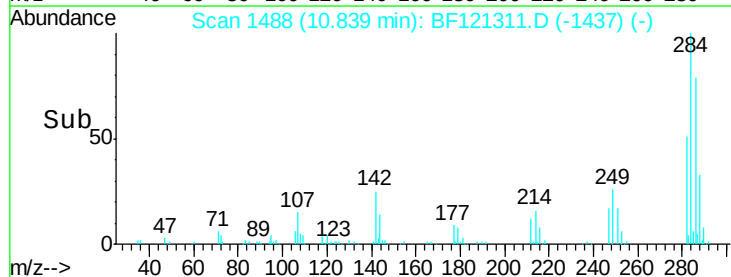
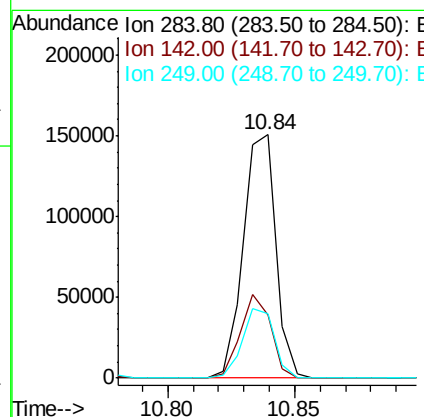
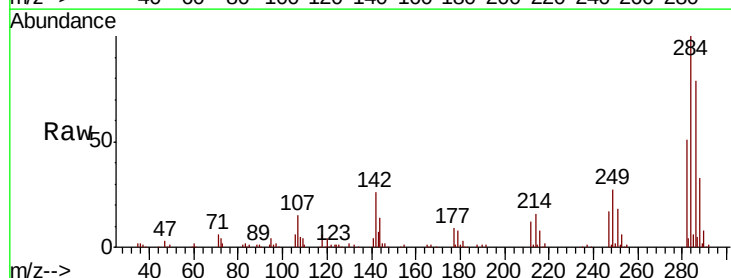
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP1-3MS

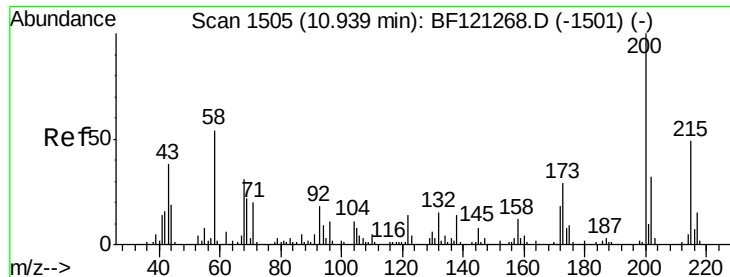
Tot Ion:248 Resp: 117940  
 Ion Ratio Lower Upper  
 248 100  
 250 98.3 77.4 116.0  
 141 73.6 48.9 73.3#



#68  
 Hexachlorobenzene  
 Concen: 22.886 ng  
 RT: 10.84 min Scan# 1488  
 Delta R.T. 0.00 min  
 Lab File: BF121311.D  
 Acq: 17 Aug 2020 15:47

Tgt Ion:284 Resp: 134286  
 Ion Ratio Lower Upper  
 284 100  
 142 25.7 24.6 36.8  
 249 26.6 23.2 34.8

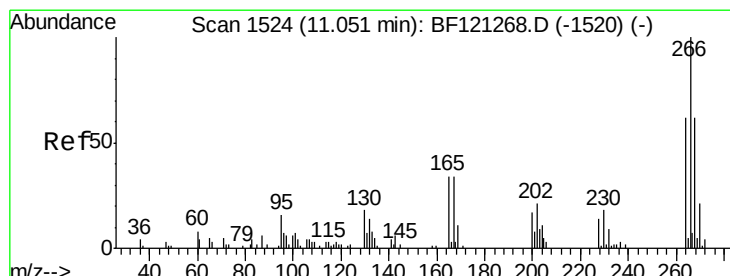
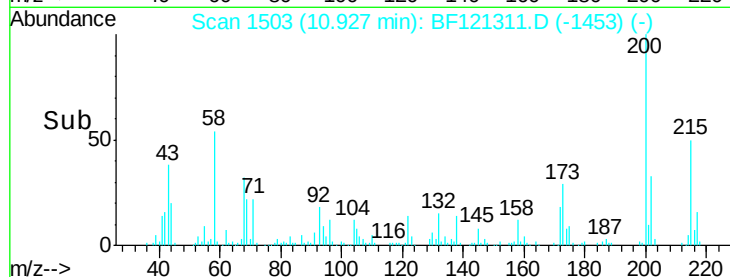
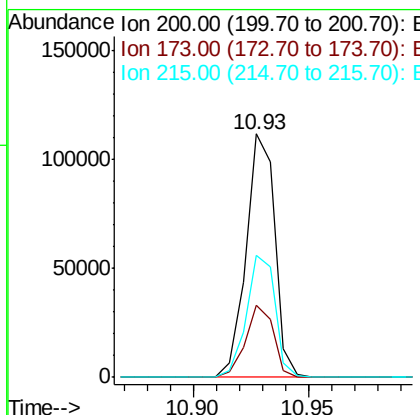
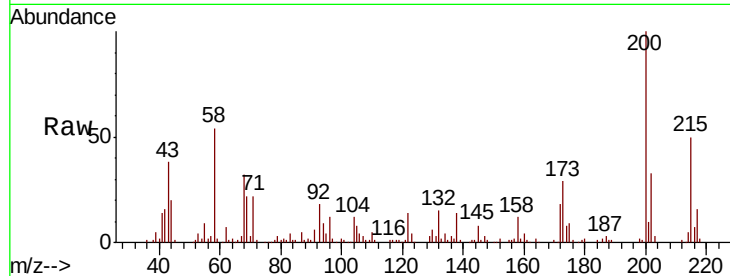




#69  
 Atrazine  
 Concen: 21.609 ng  
 RT: 10.93 min Scan# 1503  
 Delta R.T. -0.01 min  
 Lab File: BF121311.D  
 Acq: 17 Aug 2020 15:47

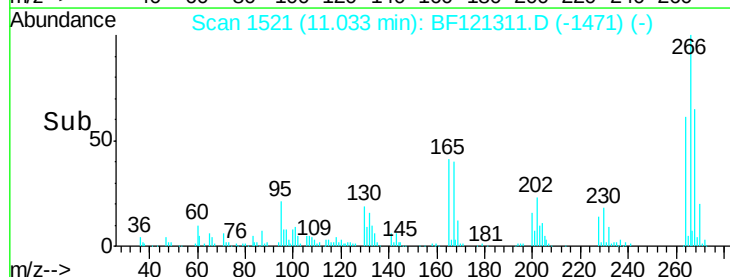
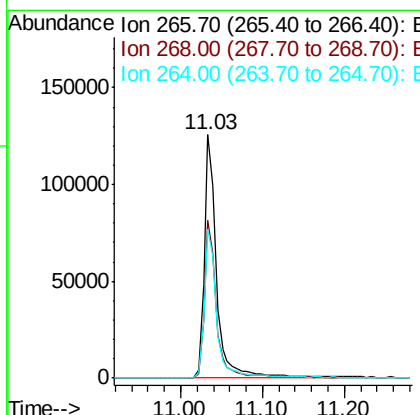
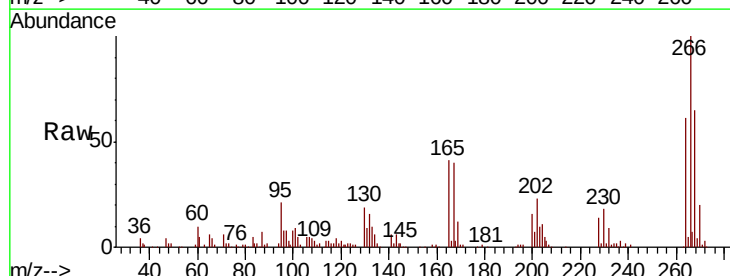
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP1-3MS

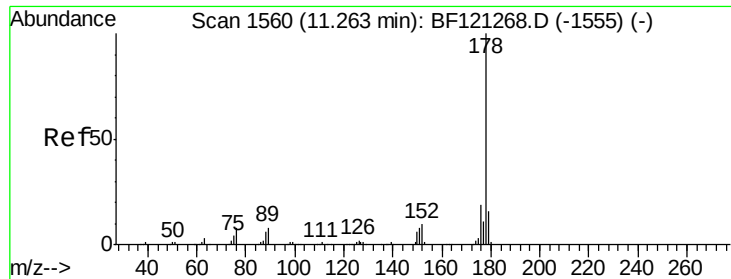
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 29.4  | 7.4   | 47.4  |
| 215     | 49.9  | 29.1  | 69.1  |



#70  
 Pentachlorophenol  
 Concen: 53.624 ng  
 RT: 11.03 min Scan# 1521  
 Delta R.T. -0.01 min  
 Lab File: BF121311.D  
 Acq: 17 Aug 2020 15:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.8  | 53.3  | 79.9  |
| 264     | 61.1  | 49.4  | 74.0  |

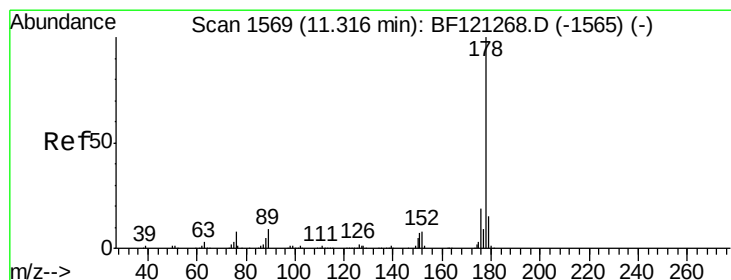
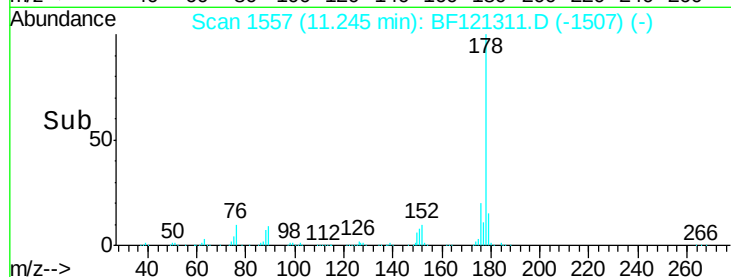
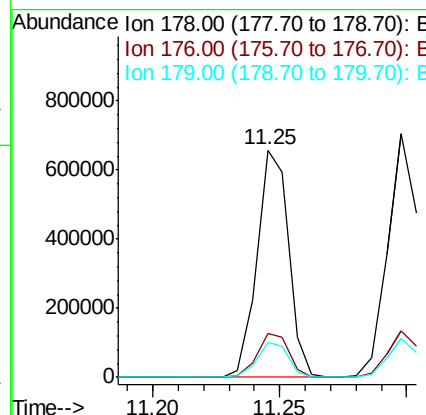
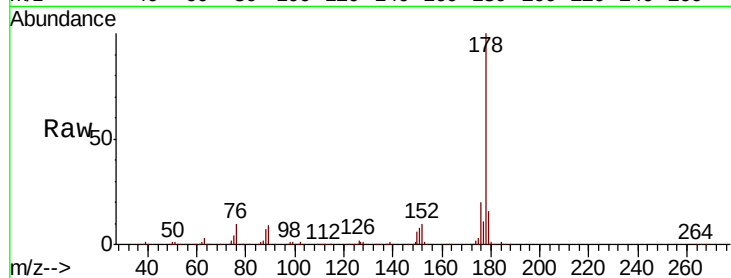




#71  
Phenanthrene  
Concen: 22.687 ng  
RT: 11.25 min Scan# 1557  
Delta R.T. -0.01 min  
Lab File: BF121311.D  
Acq: 17 Aug 2020 15:47

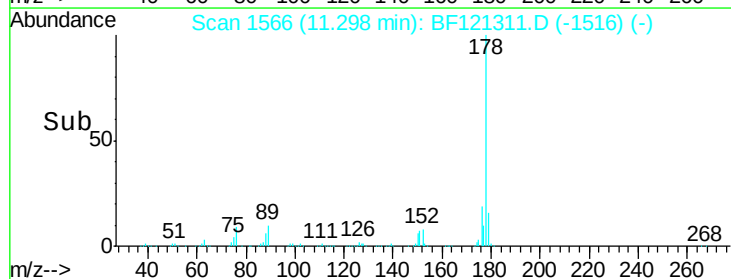
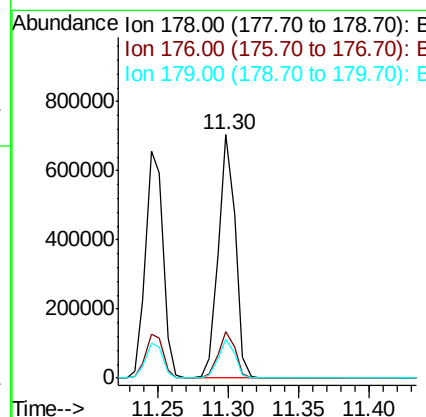
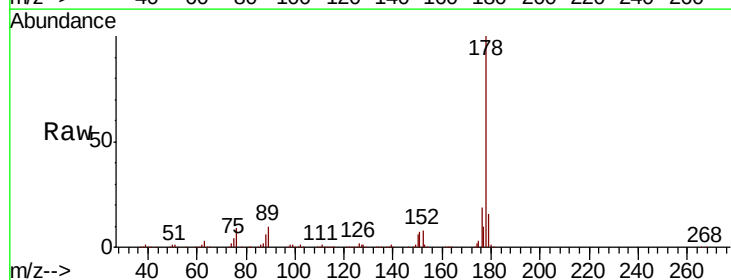
Instrument :  
BNA\_F  
ClientSampleId :  
SP1-3MS

Tot Ion:178 Resp: 572558  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.6 23.4  
179 15.5 12.3 18.5

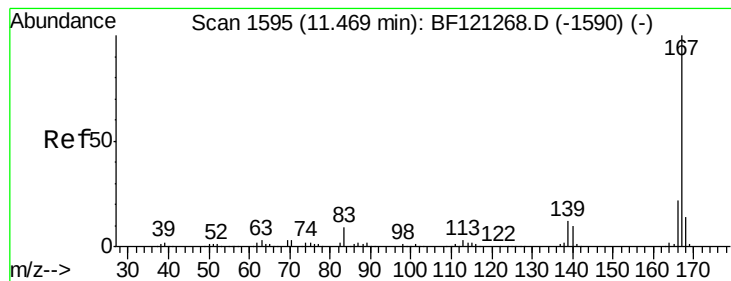


#72  
Anthracene  
Concen: 23.331 ng  
RT: 11.30 min Scan# 1566  
Delta R.T. -0.01 min  
Lab File: BF121311.D  
Acq: 17 Aug 2020 15:47

Tgt Ion:178 Resp: 590861  
Ion Ratio Lower Upper  
178 100  
176 18.9 14.9 22.3  
179 15.9 12.2 18.4







#73

Carbazole

Concen: 22.486 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.00 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

Instrument :

BNA\_F

ClientSampleId :

SP1-3MS

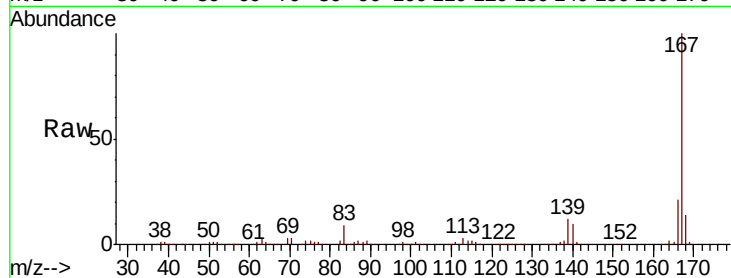
Tot Ion:167 Resp: 556939

Ion Ratio Lower Upper

167 100

166 21.4 17.4 26.2

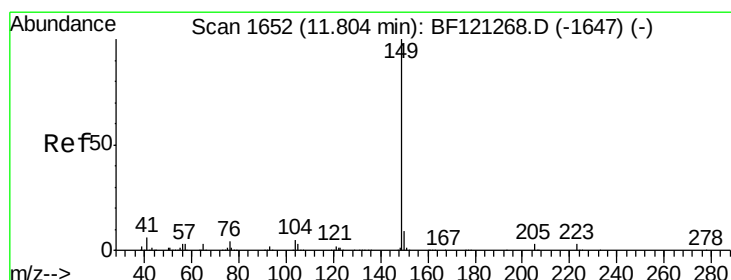
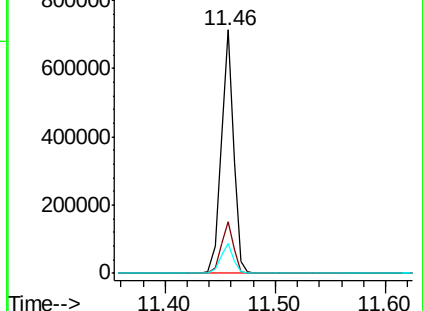
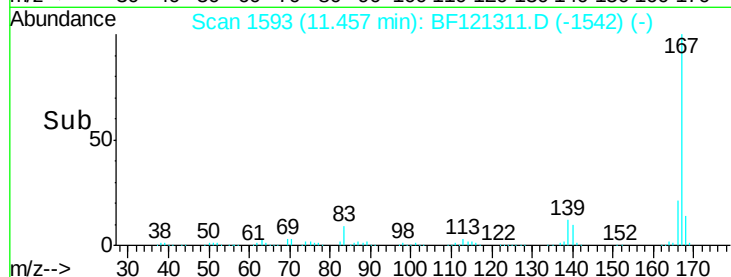
139 12.5 10.2 15.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 24.959 ng

RT: 11.79 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

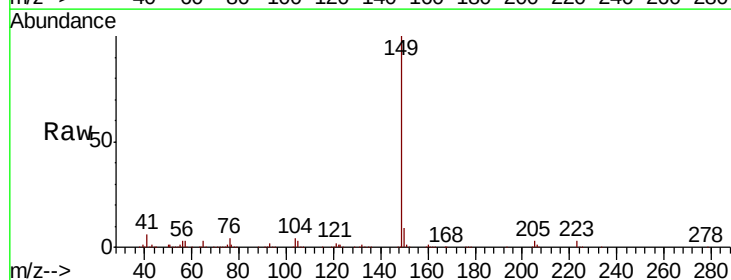
Tgt Ion:149 Resp: 697755

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

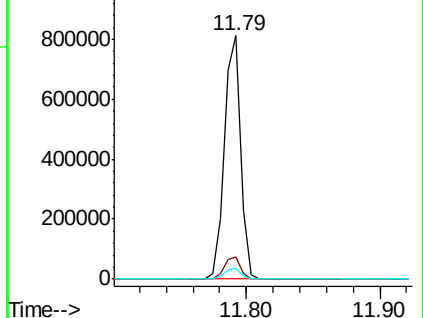
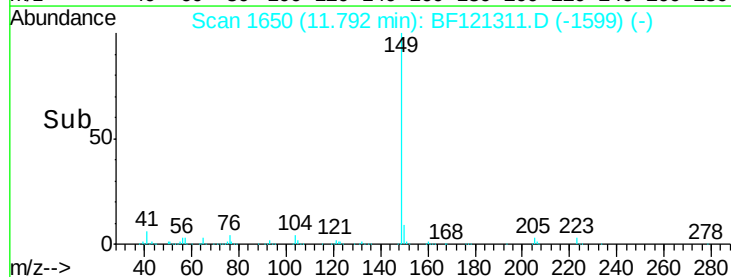
104 4.5 3.6 5.4

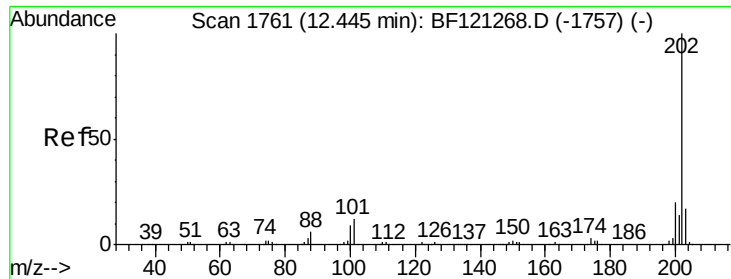


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

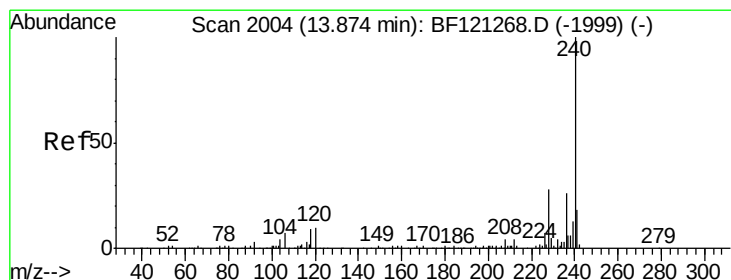
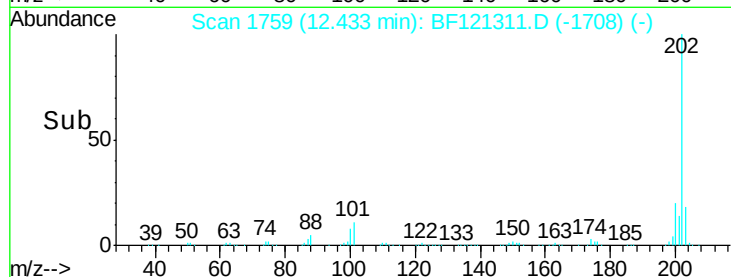
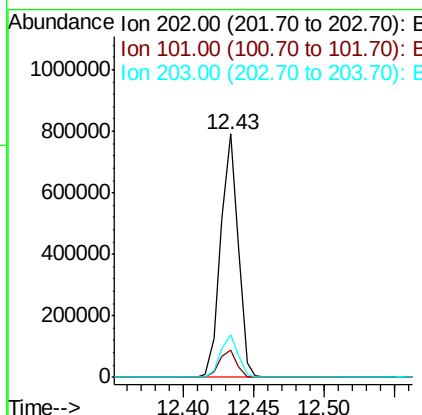
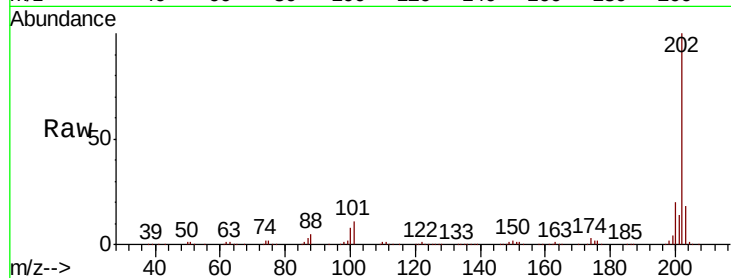




#75  
Fluoranthene  
Concen: 24.204 ng  
RT: 12.43 min Scan# 1759  
Delta R.T. 0.00 min  
Lab File: BF121311.D  
Acq: 17 Aug 2020 15:47

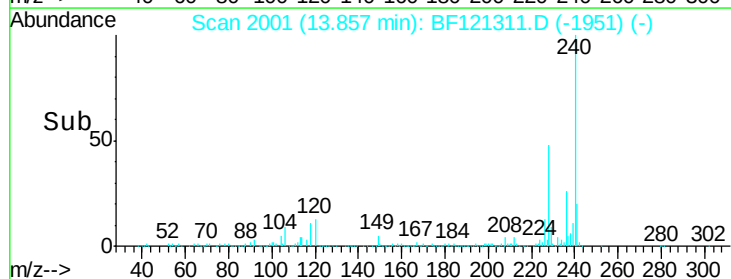
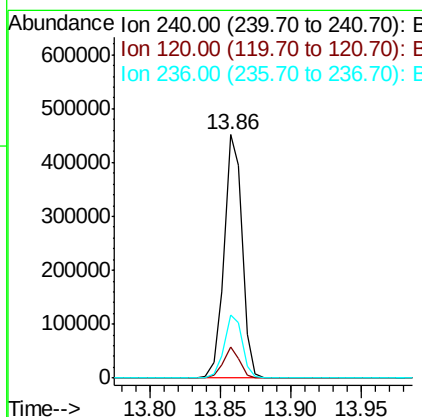
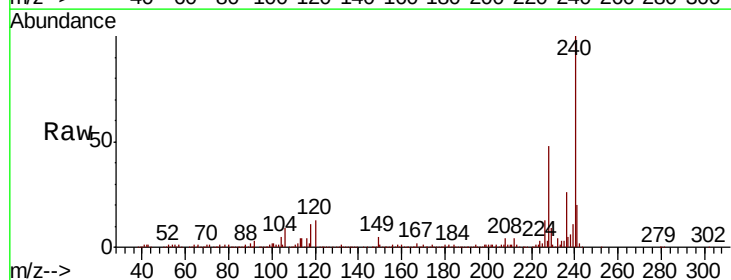
Instrument :  
BNA\_F  
ClientSampled :  
SP1-3MS

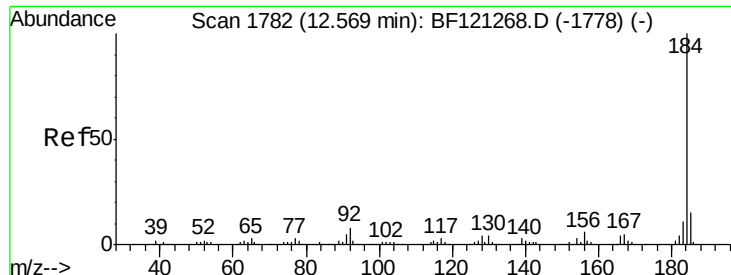
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 11.3  | 0.0   | 32.2  |
| 203     | 17.7  | 0.0   | 38.2  |



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.86 min Scan# 2001  
Delta R.T. -0.01 min  
Lab File: BF121311.D  
Acq: 17 Aug 2020 15:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 12.6  | 8.3   | 12.5# |
| 236     | 26.1  | 21.2  | 31.8  |

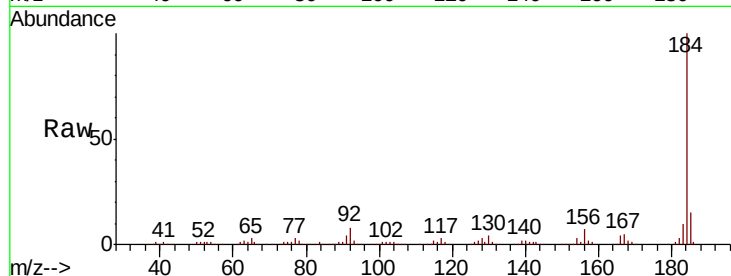




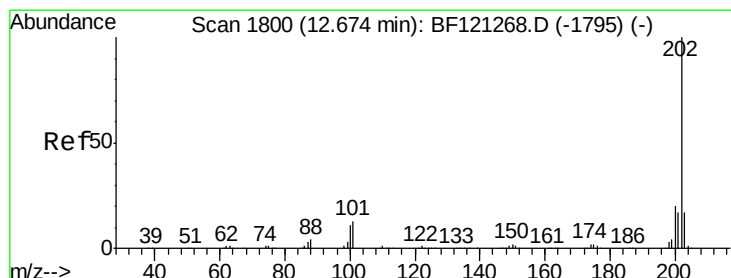
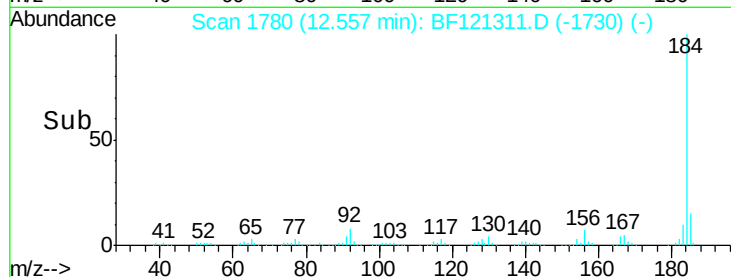
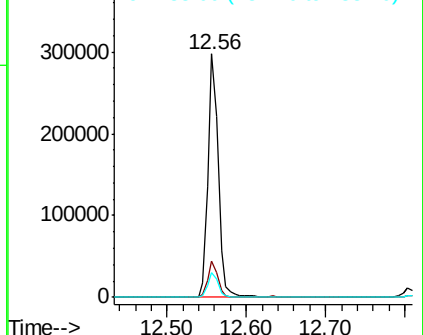
#77  
Benzidine  
Concen: 25.933 ng  
RT: 12.56 min Scan# 1780  
Delta R.T. -0.01 min  
Lab File: BF121311.D  
Acq: 17 Aug 2020 15:47

Instrument :  
BNA\_F  
ClientSampleId :  
SP1-3MS

Tot Ion:184 Resp: 272312  
Ion Ratio Lower Upper  
184 100  
185 14.8 11.1 16.7  
183 10.4 8.6 13.0

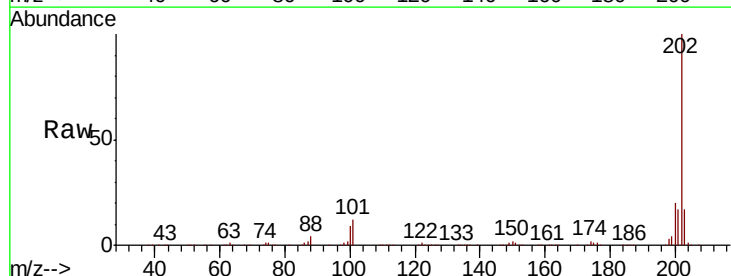


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E

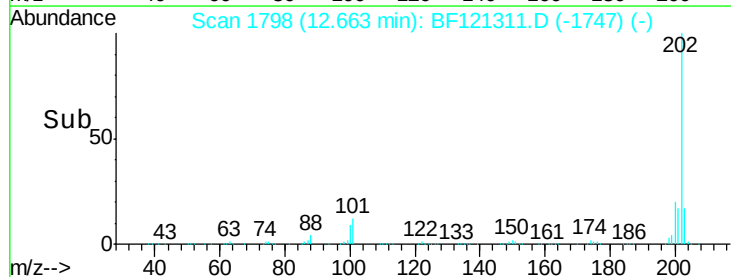
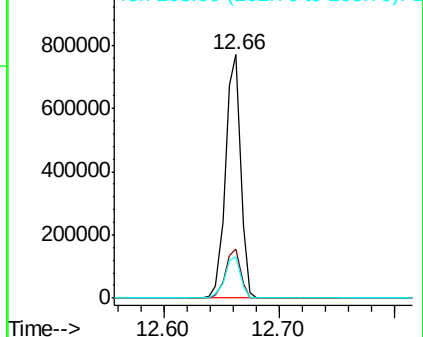


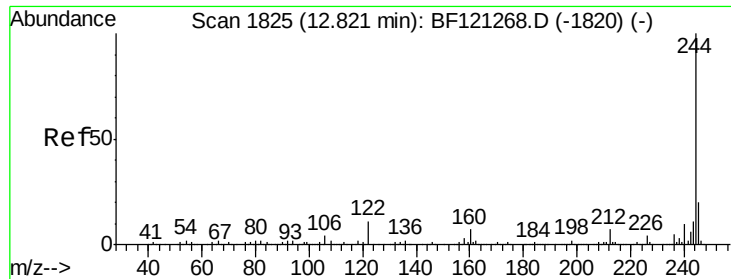
#78  
Pyrene  
Concen: 23.406 ng  
RT: 12.66 min Scan# 1798  
Delta R.T. 0.00 min  
Lab File: BF121311.D  
Acq: 17 Aug 2020 15:47

Tgt Ion:202 Resp: 696212  
Ion Ratio Lower Upper  
202 100  
200 20.4 16.4 24.6  
203 17.1 14.2 21.4



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: 36.682 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

Instrument :

BNA\_F

ClientSampled :

SP1-3MS

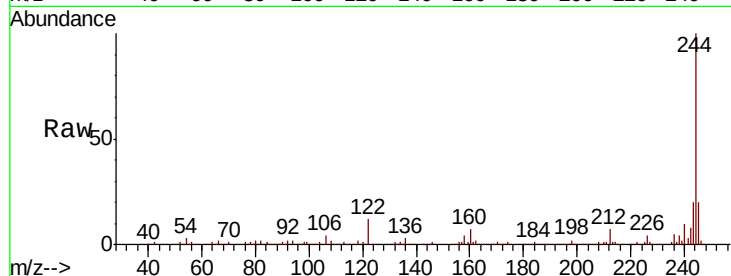
Tot Ion:244 Resp: 751644

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

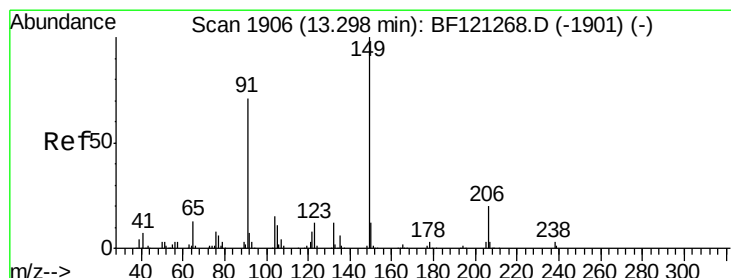
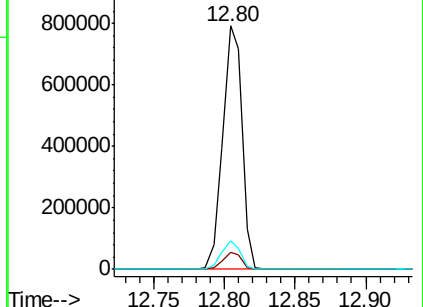
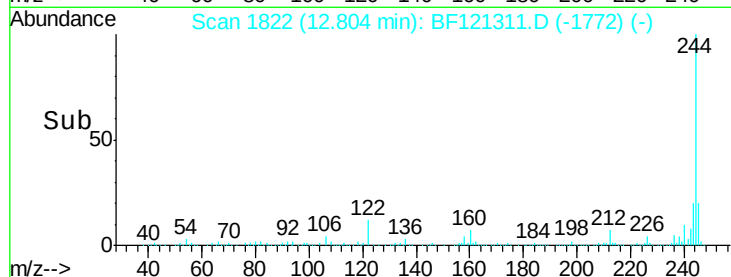
122 11.7 9.0 13.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 25.805 ng

RT: 13.29 min Scan# 1904

Delta R.T. 0.00 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

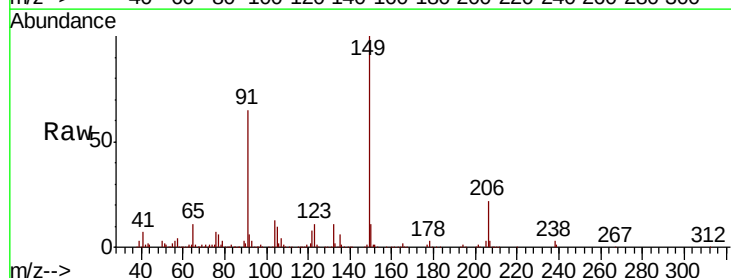
Tgt Ion:149 Resp: 313539

Ion Ratio Lower Upper

149 100

91 64.5 53.0 79.4

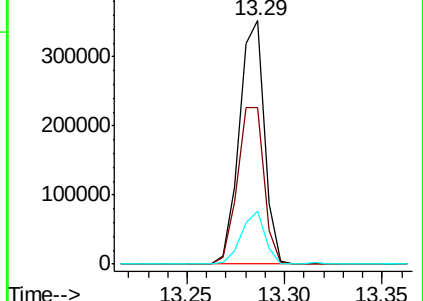
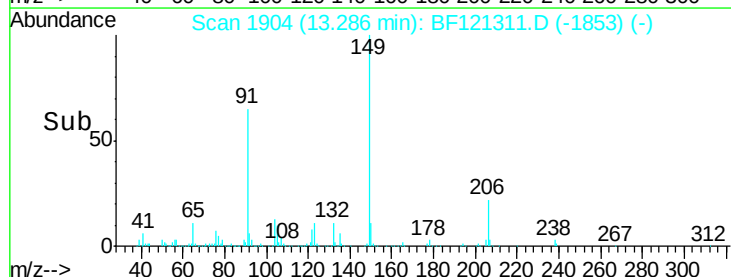
206 21.8 16.7 25.1

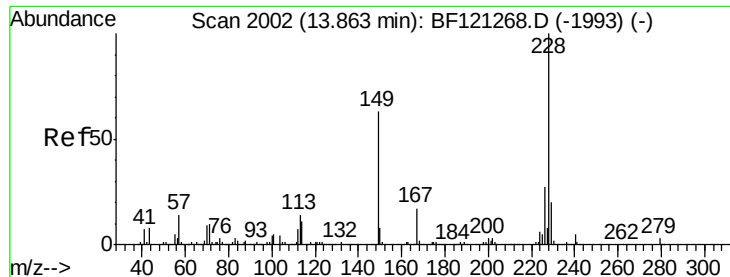


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 22.641 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

Instrument :

BNA\_F

ClientSampleId :

SP1-3MS

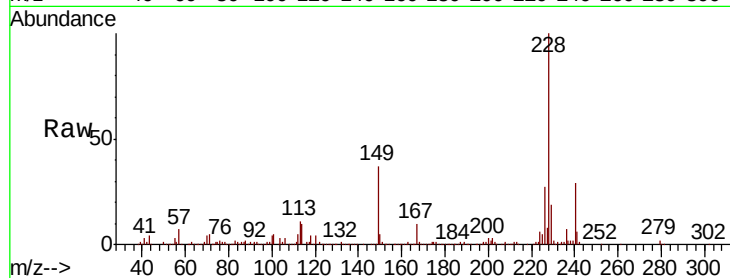
Tot Ion:228 Resp: 613395

Ion Ratio Lower Upper

228 100

226 27.2 22.0 33.0

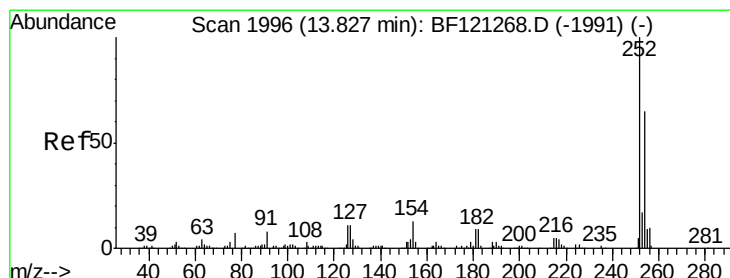
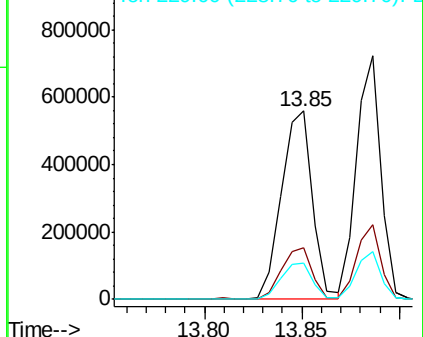
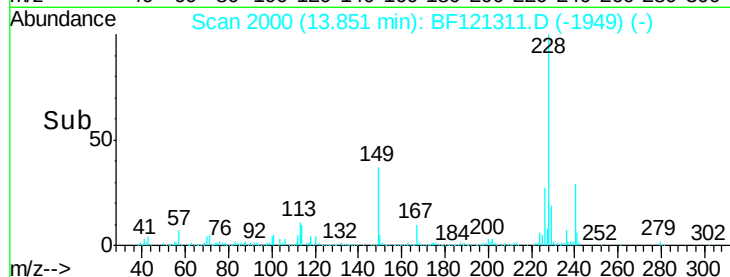
229 19.3 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 15.804 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

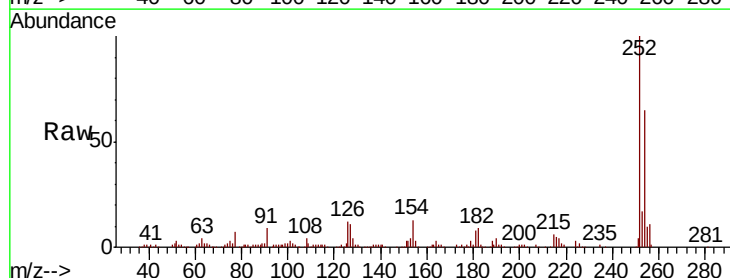
Tgt Ion:252 Resp: 169874

Ion Ratio Lower Upper

252 100

254 64.5 52.2 78.2

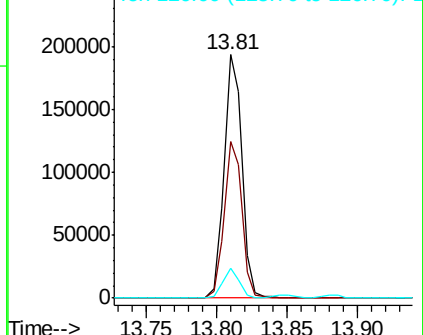
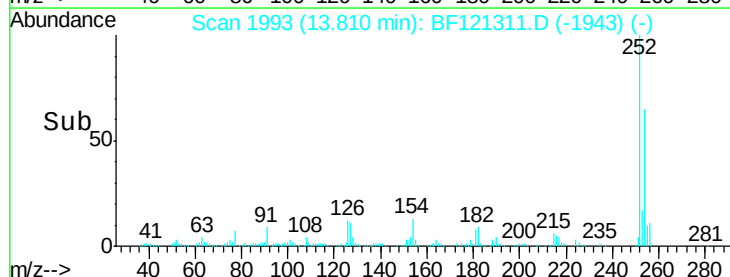
126 12.1 9.1 13.7

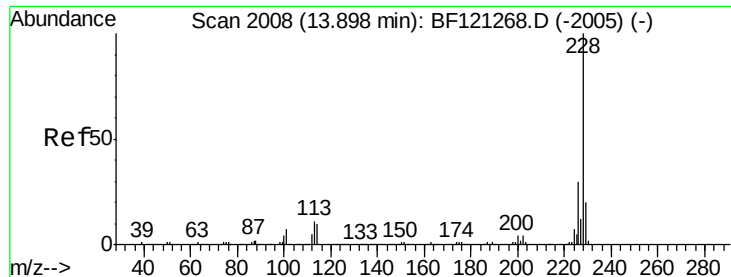


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 22.569 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

Instrument :

BNA\_F

ClientSampled :

SP1-3MS

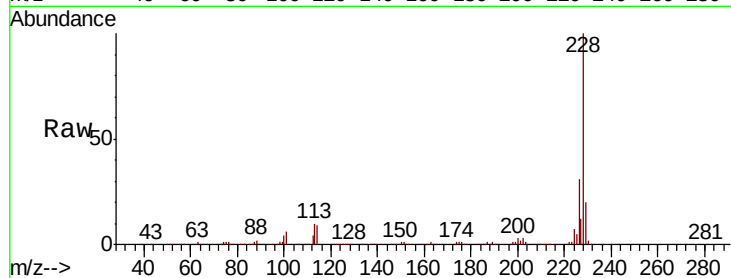
Tot Ion:228 Resp: 624277

Ion Ratio Lower Upper

228 100

226 30.5 25.3 37.9

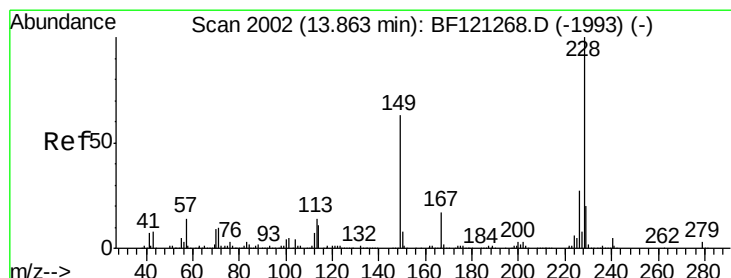
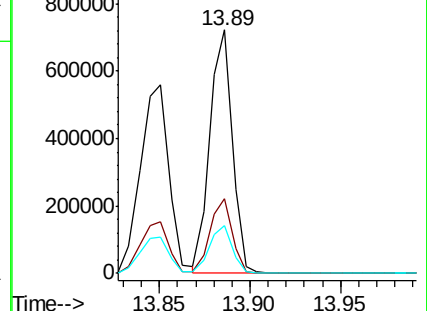
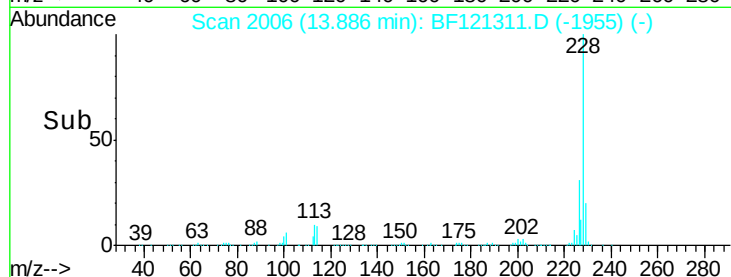
229 19.6 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 24.948 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF121311.D

Acq: 17 Aug 2020 15:47

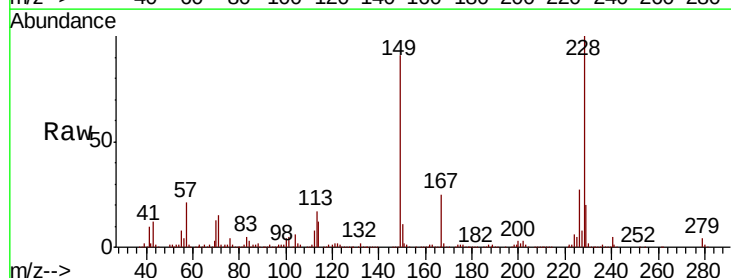
Tgt Ion:149 Resp: 417803

Ion Ratio Lower Upper

149 100

167 27.1 21.5 32.3

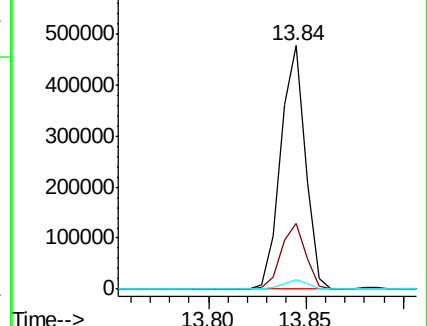
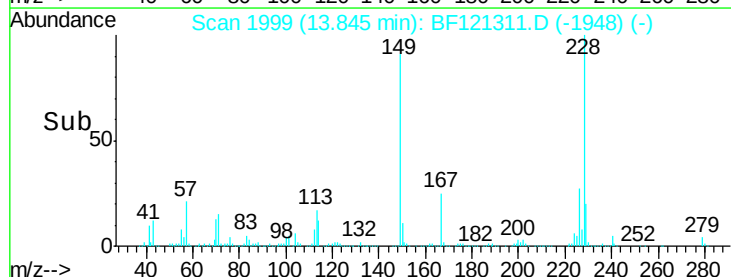
279 4.1 2.9 4.3

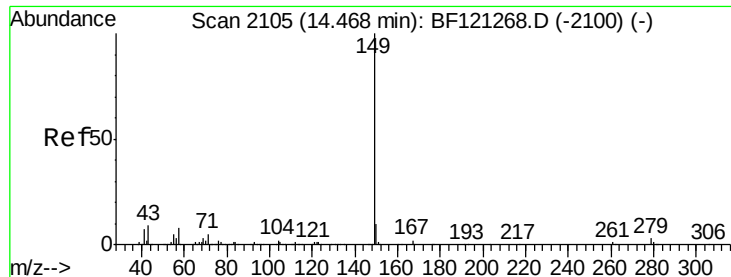


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

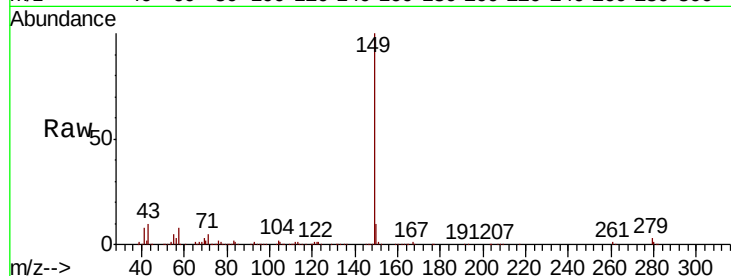




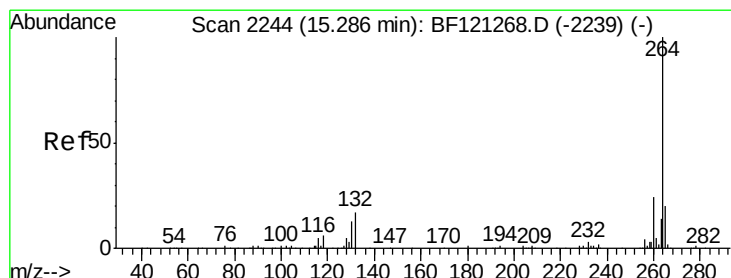
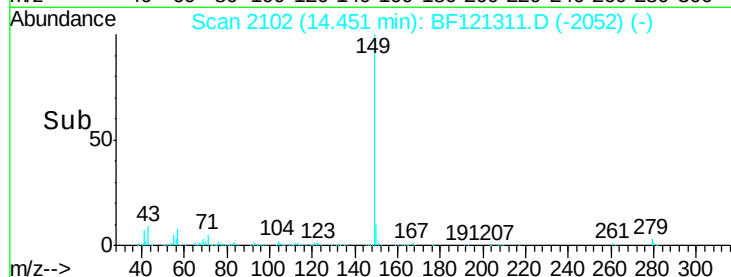
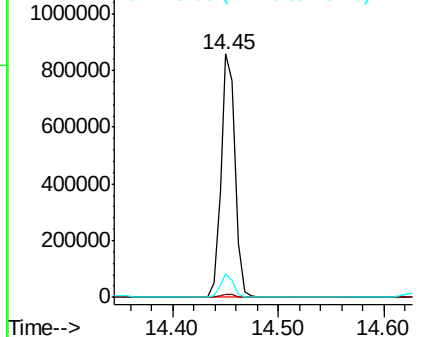
#85  
Di-n-octyl phthalate  
Concen: 26.193 ng  
RT: 14.45 min Scan# 2102  
Delta R.T. -0.01 min  
Lab File: BF121311.D  
Acq: 17 Aug 2020 15:47

Instrument :  
BNA\_F  
ClientSampleId :  
SP1-3MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.5   | 1.2   | 1.8   |
| 43      | 9.0   | 7.2   | 10.8  |

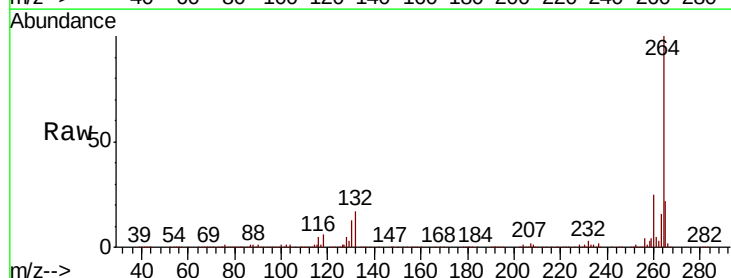


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF1

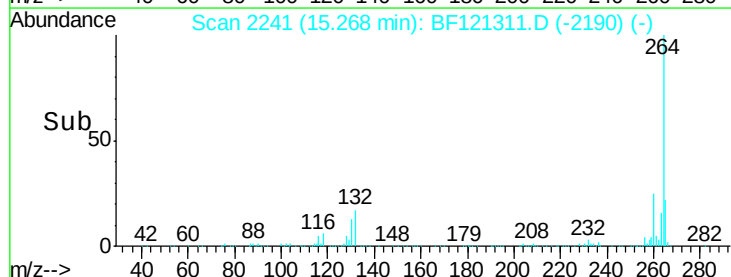
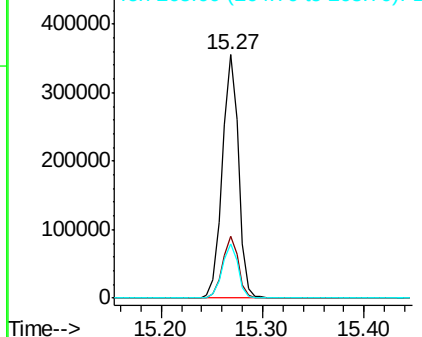


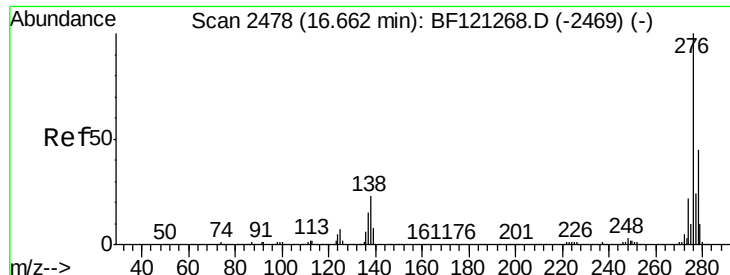
#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.27 min Scan# 2241  
Delta R.T. 0.00 min  
Lab File: BF121311.D  
Acq: 17 Aug 2020 15:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 25.4  | 19.1  | 28.7  |
| 265     | 22.0  | 17.1  | 25.7  |



Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E

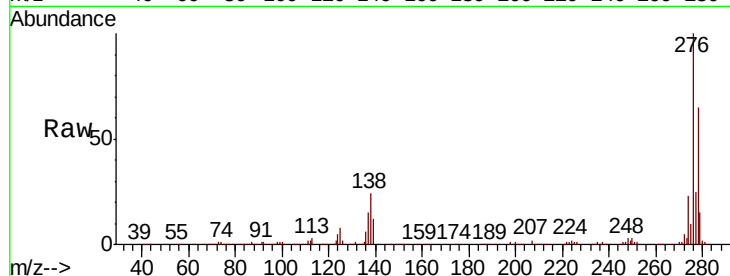




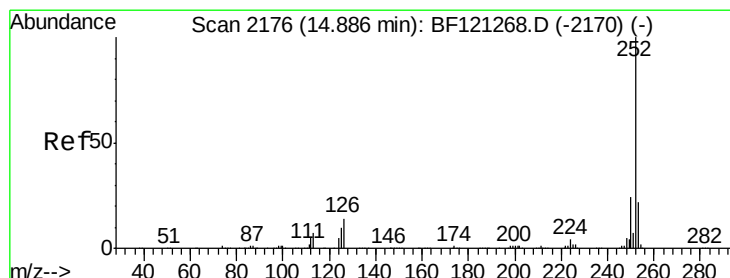
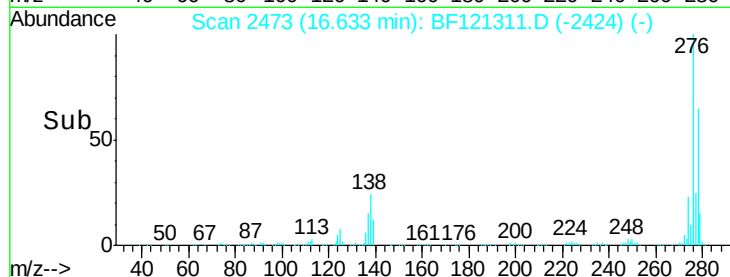
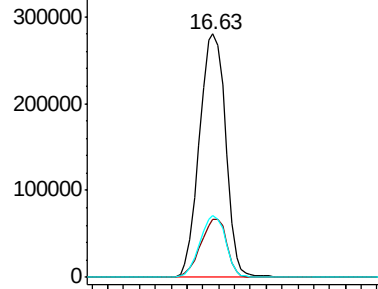
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 22.000 ng  
 RT: 16.63 min Scan# 2473  
 Delta R.T. -0.01 min  
 Lab File: BF121311.D  
 Acq: 17 Aug 2020 15:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP1-3MS

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:276 | Resp: | 645288    |
| Ion Ratio   | Lower | Upper     |
| 276         | 100   |           |
| 138         | 24.0  | 19.6 29.4 |
| 277         | 25.1  | 20.4 30.6 |

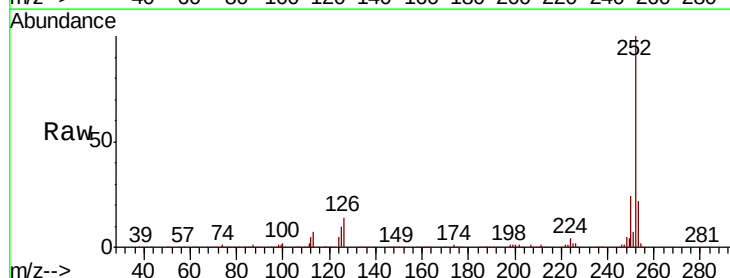


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

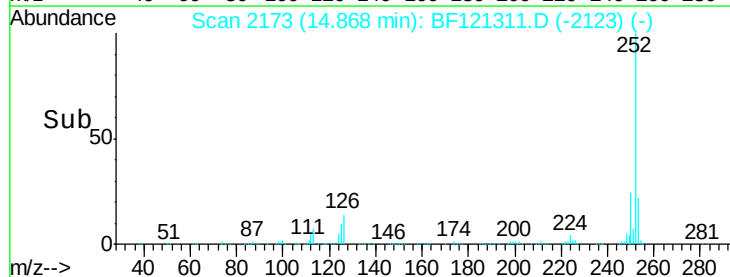
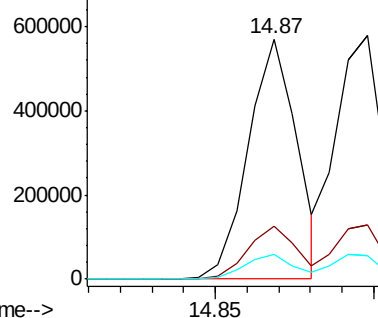


#88  
 Benzo(b)fluoranthene  
 Concen: 23.071 ng  
 RT: 14.87 min Scan# 2173  
 Delta R.T. -0.01 min  
 Lab File: BF121311.D  
 Acq: 17 Aug 2020 15:47

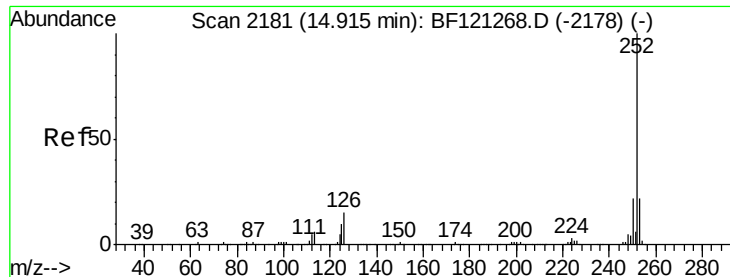
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:252 | Resp: | 609835    |
| Ion Ratio   | Lower | Upper     |
| 252         | 100   |           |
| 253         | 21.9  | 17.6 26.4 |
| 125         | 10.4  | 7.5 11.3  |



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



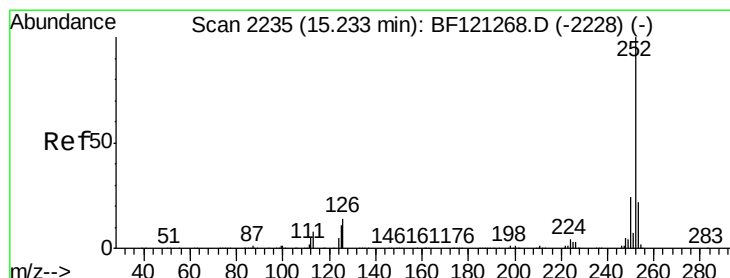
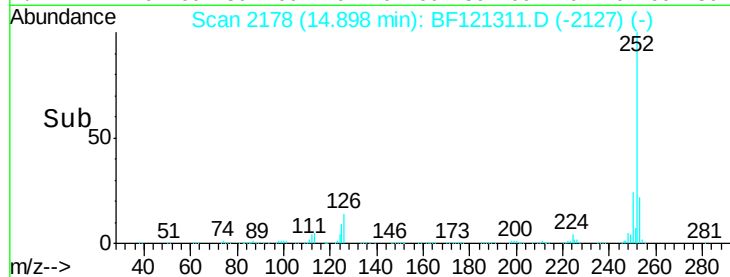
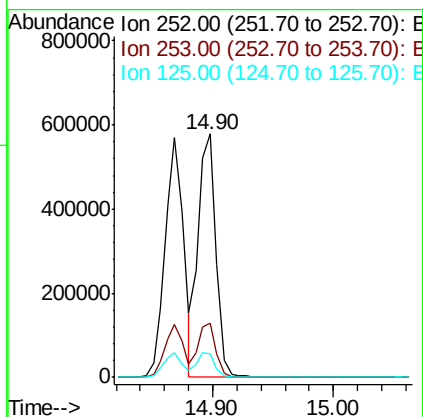
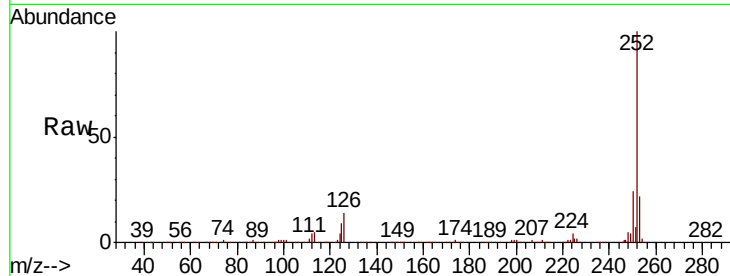




#89  
Benzo(k)fluoranthene  
Concen: 24.220 ng  
RT: 14.90 min Scan# 2178  
Delta R.T. 0.00 min  
Lab File: BF121311.D  
Acq: 17 Aug 2020 15:47

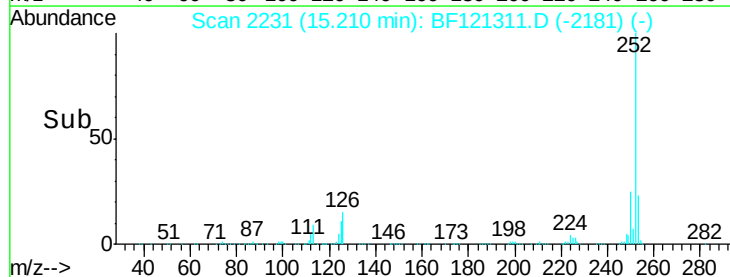
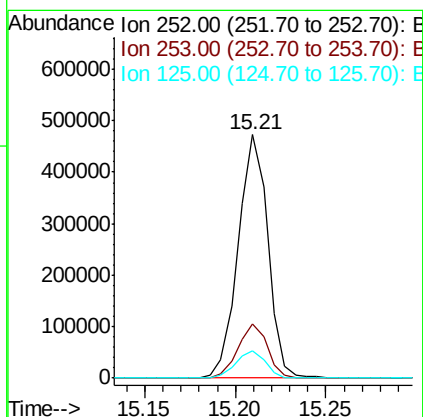
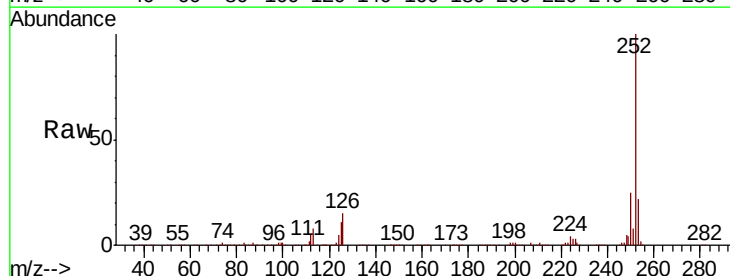
Instrument :  
BNA\_F  
ClientSampleId :  
SP1-3MS

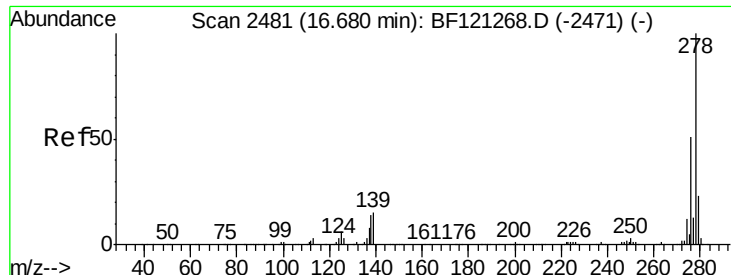
Tot Ion:252 Resp: 594523  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.8 26.8  
125 9.4 8.2 12.4



#90  
Benzo(a)pyrene  
Concen: 22.603 ng  
RT: 15.21 min Scan# 2231  
Delta R.T. -0.01 min  
Lab File: BF121311.D  
Acq: 17 Aug 2020 15:47

Tgt Ion:252 Resp: 539264  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.4 26.2  
125 11.4 8.7 13.1

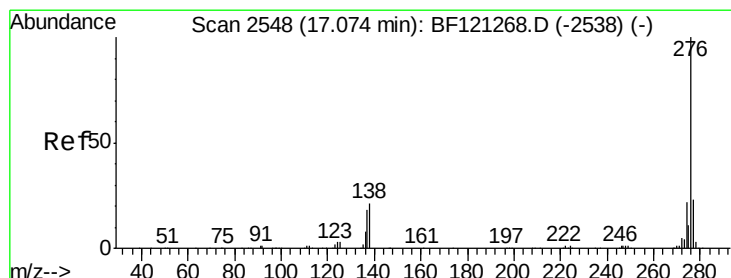
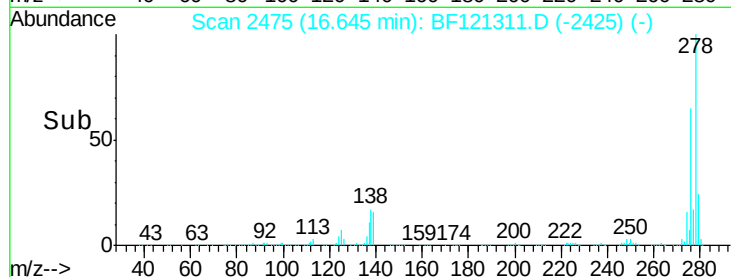
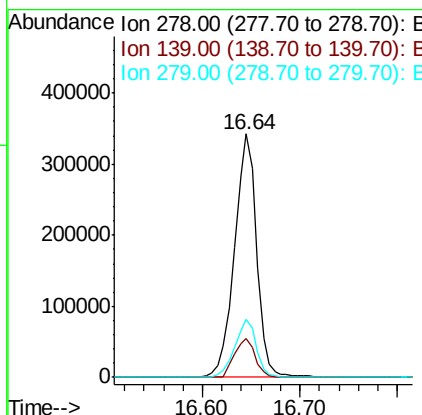
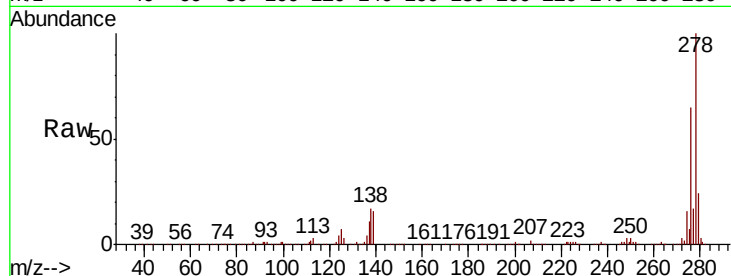




#91  
 Dibenzo(a,h)anthracene  
 Concen: 21.477 ng  
 RT: 16.64 min Scan# 2475  
 Delta R.T. -0.01 min  
 Lab File: BF121311.D  
 Acq: 17 Aug 2020 15:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP1-3MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 15.9  | 13.1  | 19.7  |
| 279     | 24.0  | 18.6  | 27.8  |



#92  
 Benzo(g,h,i)perylene  
 Concen: 21.746 ng  
 RT: 17.04 min Scan# 2542  
 Delta R.T. -0.01 min  
 Lab File: BF121311.D  
 Acq: 17 Aug 2020 15:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.2  | 19.1  | 28.7  |
| 138     | 21.0  | 16.6  | 24.8  |

