

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081320\  
 Data File : BF121270.D  
 Acq On : 13 Aug 2020 13:33  
 Operator : JU/CG  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Quant Time: Aug 13 14:10:31 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 13 13:23:51 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.72  | 152  | 63843    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.01  | 136  | 230639   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.76  | 164  | 119801   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.24 | 188  | 234411   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.87 | 240  | 197406   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.29 | 264  | 216304   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.32  | 112 | 484416  | 117.19 | ng | 0.00 |
| 7) Phenol-d6             | 6.36  | 99  | 614411  | 115.35 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.29  | 82  | 505615  | 119.51 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.55 | 330 | 179359  | 124.69 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.09  | 172 | 947969  | 112.41 | ng | 0.00 |
| 79) Terphenyl-d14        | 12.82 | 244 | 1129274 | 114.28 | ng | 0.00 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.27 | 88  | 107168 | 60.268 | ng | 100    |
| 3) Pyridine                    | 2.99 | 79  | 280780 | 60.348 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 2.93 | 42  | 119056 | 62.070 | ng | 98     |
| 6) Aniline                     | 6.39 | 93  | 368836 | 58.228 | ng | 98     |
| 8) 2-Chlorophenol              | 6.51 | 128 | 267915 | 58.669 | ng | 96     |
| 9) Benzaldehyde                | 6.27 | 77  | 147710 | 51.900 | ng | 99     |
| 10) Phenol                     | 6.37 | 94  | 329637 | 57.101 | ng | 89     |
| 11) bis(2-Chloroethyl)ether    | 6.46 | 93  | 245293 | 58.323 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.66 | 146 | 281245 | 58.491 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.74 | 146 | 282061 | 57.693 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.89 | 146 | 264666 | 57.384 | ng | 98     |
| 15) Benzyl Alcohol             | 6.87 | 79  | 210414 | 58.404 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.00 | 45  | 355969 | 58.823 | ng | 98     |
| 17) 2-Methylphenol             | 6.99 | 107 | 209848 | 57.624 | ng | 99     |
| 18) Hexachloroethane           | 7.23 | 117 | 102956 | 59.131 | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 7.14 | 70  | 166113 | 55.810 | ng | 99     |
| 20) 3+4-Methylphenols          | 7.14 | 107 | 253466 | 55.825 | ng | # 73   |
| 22) Acetophenone               | 7.13 | 105 | 338145 | 58.259 | ng | # 97   |
| 24) Nitrobenzene               | 7.31 | 77  | 277205 | 59.682 | ng | 97     |
| 25) Isophorone                 | 7.55 | 82  | 507194 | 59.889 | ng | 98     |
| 26) 2-Nitrophenol              | 7.63 | 139 | 141392 | 63.094 | ng | 93     |
| 27) 2,4-Dimethylphenol         | 7.67 | 122 | 214437 | 60.165 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.76 | 93  | 283207 | 59.584 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.87 | 162 | 223451 | 61.177 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 7.95 | 180 | 237828 | 59.950 | ng | 99     |
| 31) Naphthalene                | 8.03 | 128 | 753377 | 58.677 | ng | 100    |
| 32) Benzoic acid               | 7.79 | 122 | 131342 | 80.933 | ng | 97     |
| 33) 4-Chloroaniline            | 8.08 | 127 | 316665 | 60.086 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.15 | 225 | 145093 | 60.186 | ng | 99     |
| 35) Caprolactam                | 8.45 | 113 | 69159  | 62.201 | ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 8.57 | 107 | 224689 | 60.248 | ng | 99     |
| 37) 2-Methylnaphthalene        | 8.72 | 142 | 499040 | 58.733 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.82 | 142 | 472729 | 59.237 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.89 | 216 | 238134 | 60.492 | ng | 100    |

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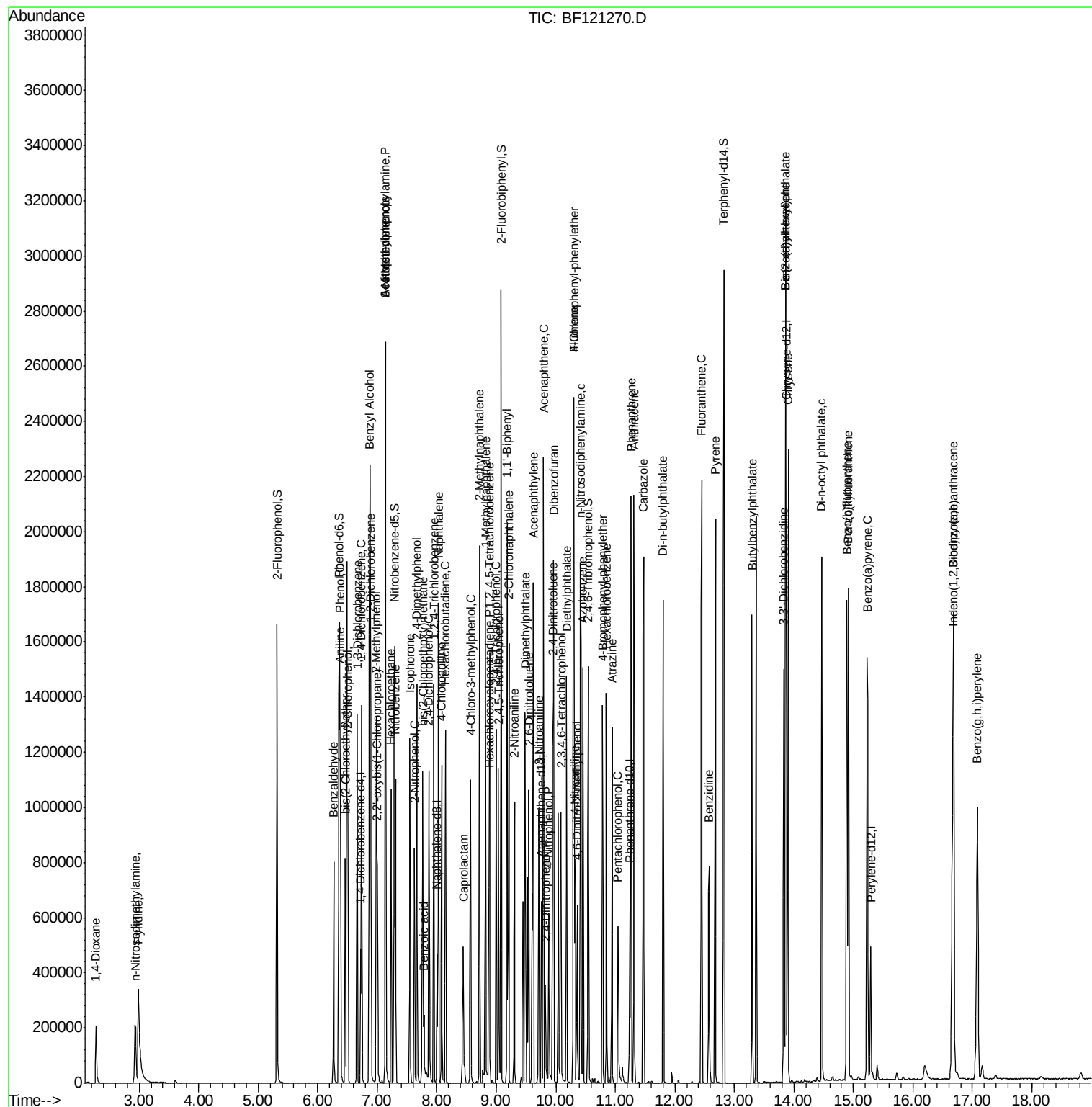
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.87  | 237  | 83660    | 96.793 | nq    | 98       |
| 43) 2,4,6-Trichlorophenol      | 9.00  | 196  | 156705   | 62.991 | nq    | 98       |
| 44) 2,4,5-Trichlorophenol      | 9.04  | 196  | 170642   | 62.924 | nq    | 96       |
| 46) 1,1'-Biphenyl              | 9.18  | 154  | 603563   | 59.616 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 9.21  | 162  | 467374   | 59.612 | nq    | 98       |
| 48) 2-Nitroaniline             | 9.30  | 65   | 140841   | 62.148 | nq    | 91       |
| 49) Acenaphthylene             | 9.62  | 152  | 738436   | 59.113 | nq    | 100      |
| 50) Dimethylphthalate          | 9.49  | 163  | 531482   | 58.653 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.55  | 165  | 126359   | 62.170 | nq    | 91       |
| 52) Acenaphthene               | 9.79  | 154  | 436969   | 59.148 | nq    | 99       |
| 53) 3-Nitroaniline             | 9.72  | 138  | 143726   | 62.405 | nq    | 97       |
| 54) 2,4-Dinitrophenol          | 9.83  | 184  | 56050    | 82.688 | nq    | # 84     |
| 55) Dibenzofuran               | 9.96  | 168  | 677696   | 57.894 | nq    | 98       |
| 56) 4-Nitrophenol              | 9.88  | 139  | 97362    | 74.513 | nq    | 96       |
| 57) 2,4-Dinitrotoluene         | 9.95  | 165  | 164167   | 62.395 | nq    | 97       |
| 58) Fluorene                   | 10.30 | 166  | 507468   | 57.050 | nq    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.09 | 232  | 138426   | 65.322 | nq    | 97       |
| 60) Diethylphthalate           | 10.18 | 149  | 541060   | 58.962 | nq    | 98       |
| 61) 4-Chlorophenyl-phenylether | 10.30 | 204  | 249059   | 56.908 | nq    | 98       |
| 62) 4-Nitroaniline             | 10.33 | 138  | 141896   | 61.242 | nq    | 95       |
| 63) Azobenzene                 | 10.46 | 77   | 536274   | 58.705 | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.36 | 198  | 90079    | 72.537 | nq    | 97       |
| 66) n-Nitrosodiphenylamine     | 10.42 | 169  | 473338   | 59.212 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.79 | 248  | 163080   | 60.098 | nq    | 97       |
| 68) Hexachlorobenzene          | 10.85 | 284  | 183158   | 59.998 | nq    | 97       |
| 69) Atrazine                   | 10.95 | 200  | 141308   | 57.819 | nq    | 98       |
| 70) Pentachlorophenol          | 11.05 | 266  | 81517    | 82.112 | nq    | 98       |
| 71) Phenanthrene               | 11.26 | 178  | 763187   | 57.863 | nq    | 99       |
| 72) Anthracene                 | 11.32 | 178  | 779663   | 58.832 | nq    | 100      |
| 73) Carbazole                  | 11.47 | 167  | 759780   | 58.224 | nq    | 99       |
| 74) Di-n-butylphthalate        | 11.80 | 149  | 880305   | 58.527 | nq    | 100      |
| 75) Fluoranthene               | 12.45 | 202  | 856480   | 57.541 | nq    | 98       |
| 77) Benzidine                  | 12.57 | 184  | 298220   | 53.286 | nq    | 99       |
| 78) Pyrene                     | 12.68 | 202  | 888270   | 61.009 | nq    | 99       |
| 80) Butylbenzylphthalate       | 13.30 | 149  | 386218   | 61.964 | nq    | 99       |
| 81) Benzo(a)anthracene         | 13.87 | 228  | 755382   | 55.700 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.83 | 252  | 319253   | 59.579 | nq    | 99       |
| 83) Chrysene                   | 13.90 | 228  | 804203   | 60.028 | nq    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 13.86 | 149  | 488375   | 54.051 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 14.47 | 149  | 951043   | 59.384 | nq    | 100      |
| 87) Indeno(1,2,3-cd)pyrene     | 16.67 | 276  | 942310   | 58.136 | nq    | 100      |
| 88) Benzo(b)fluoranthene       | 14.89 | 252  | 866469   | 60.944 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 14.92 | 252  | 763420   | 56.845 | nq    | 99       |
| 90) Benzo(a)pyrene             | 15.23 | 252  | 768255   | 58.849 | nq    | 98       |
| 91) Dibenzo(a,h)anthracene     | 16.69 | 278  | 801634   | 58.111 | nq    | 100      |
| 92) Benzo(g,h,i)perylene       | 17.09 | 276  | 801810   | 58.416 | nq    | 98       |

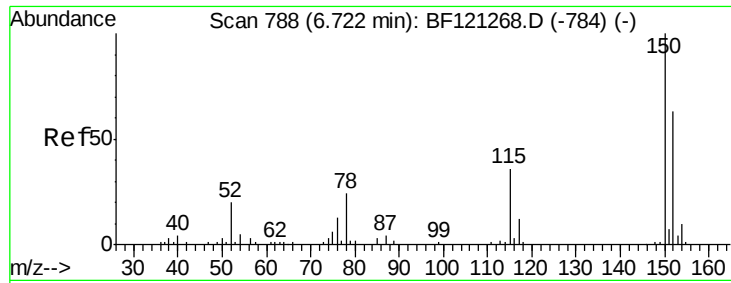
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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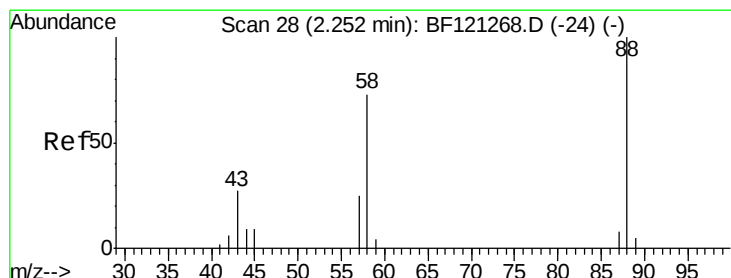
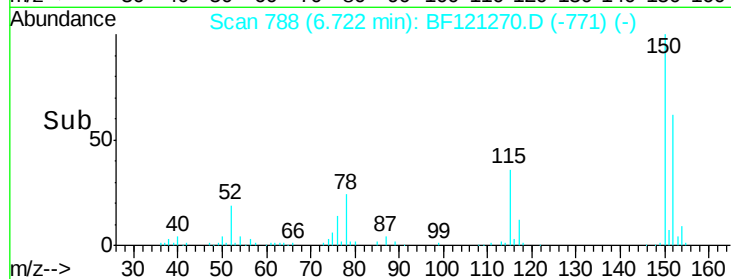
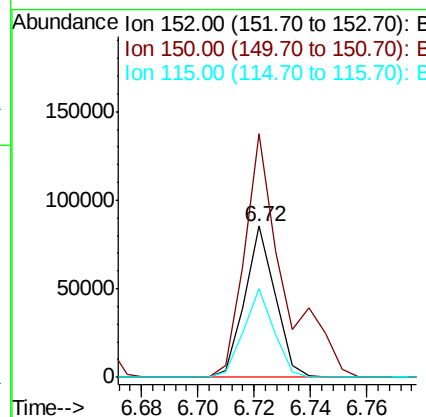
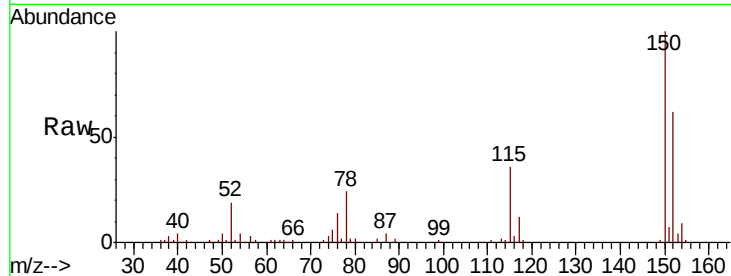




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.72 min Scan# 788  
 Delta R.T. -0.00 min  
 Lab File: BF121270.D  
 Acq: 13 Aug 2020 13:33

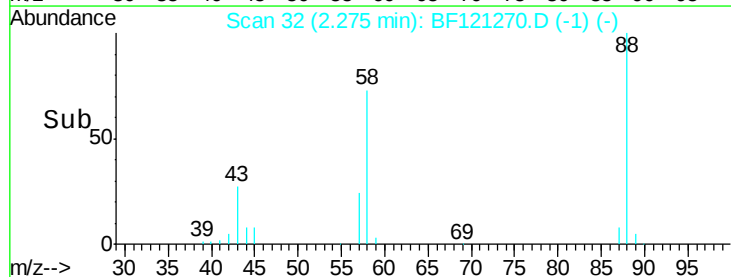
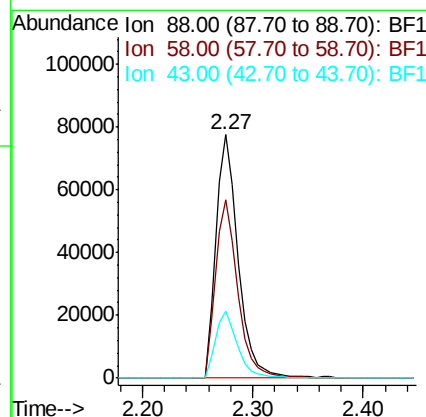
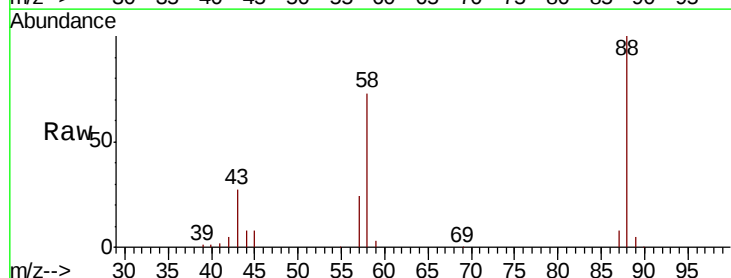
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

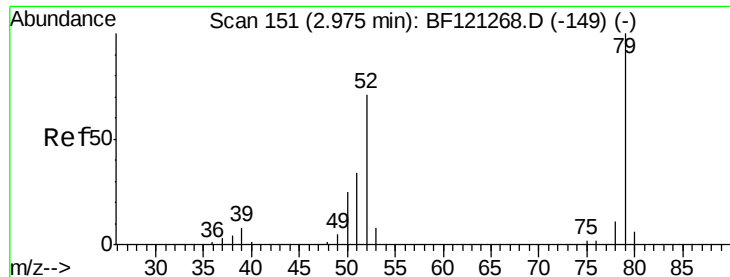
Tot Ion:152 Resp: 63843  
 Ion Ratio Lower Upper  
 152 100  
 150 161.4 126.6 190.0  
 115 58.5 45.4 68.0



#2  
 1,4-Dioxane  
 Concen: 60.268 ng  
 RT: 2.27 min Scan# 32  
 Delta R.T. 0.02 min  
 Lab File: BF121270.D  
 Acq: 13 Aug 2020 13:33

Tgt Ion: 88 Resp: 107168  
 Ion Ratio Lower Upper  
 88 100  
 58 72.7 58.0 87.0  
 43 27.1 22.0 33.0

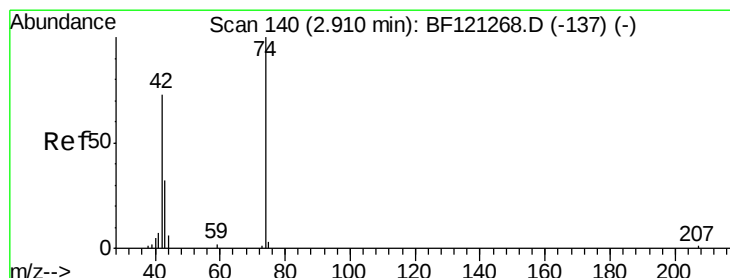
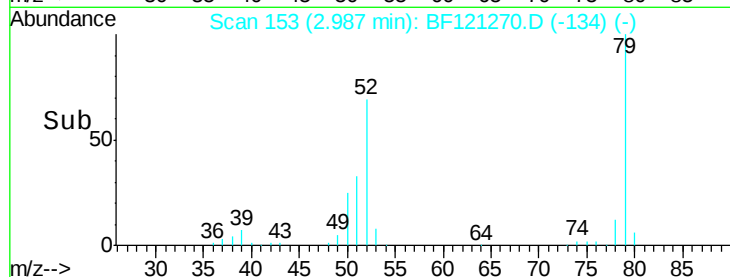
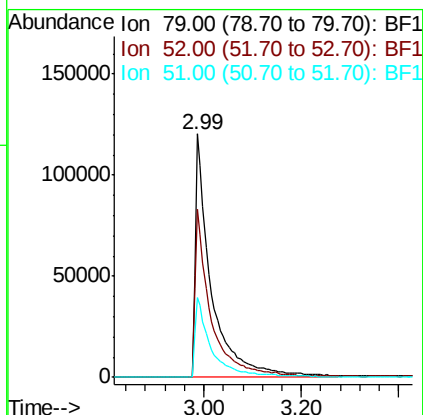
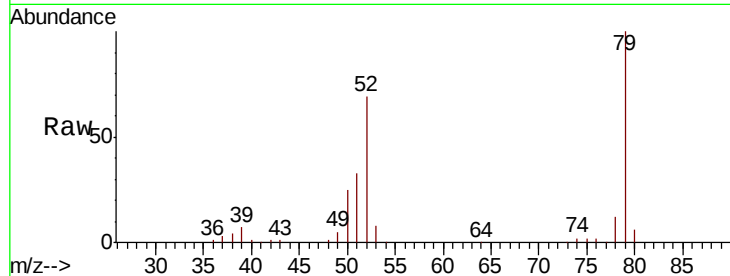




#3  
 Pvridine  
 Concen: 60.348 ng  
 RT: 2.99 min Scan# 153  
 Delta R.T. 0.01 min  
 Lab File: BF121270.D  
 Acq: 13 Aug 2020 13:33

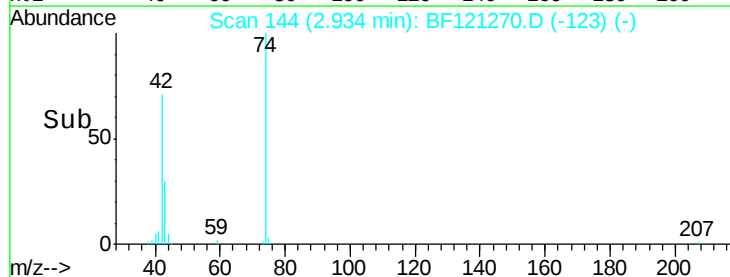
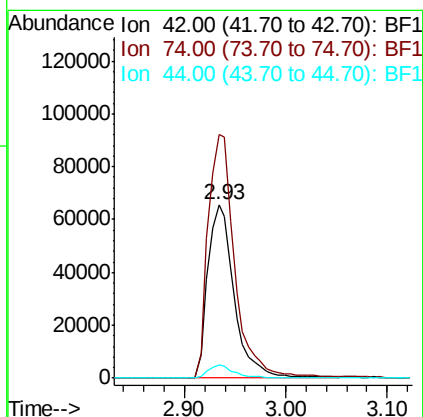
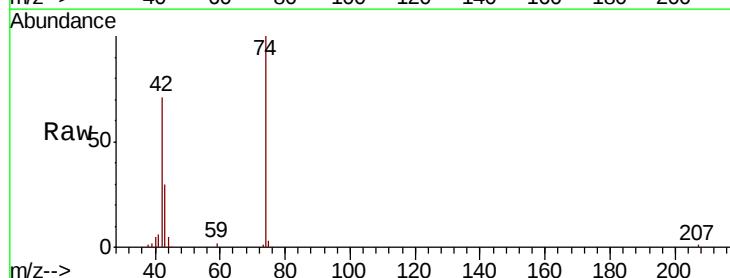
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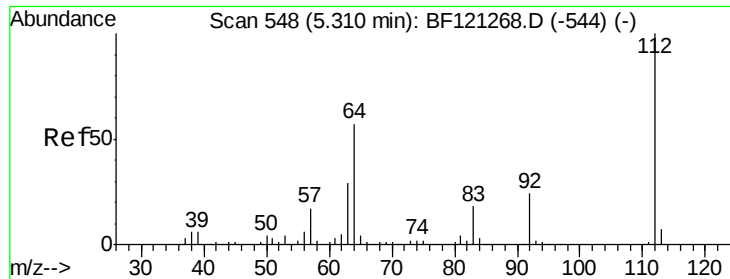
Tot Ion: 79 Resp: 280780  
 Ion Ratio Lower Upper  
 79 100  
 52 68.8 56.7 85.1  
 51 33.0 27.0 40.6



#4  
 n-Nitrosodimethylamine  
 Concen: 62.070 ng  
 RT: 2.93 min Scan# 144  
 Delta R.T. 0.02 min  
 Lab File: BF121270.D  
 Acq: 13 Aug 2020 13:33

Tgt Ion: 42 Resp: 119056  
 Ion Ratio Lower Upper  
 42 100  
 74 140.4 109.9 164.9  
 44 7.3 6.3 9.5

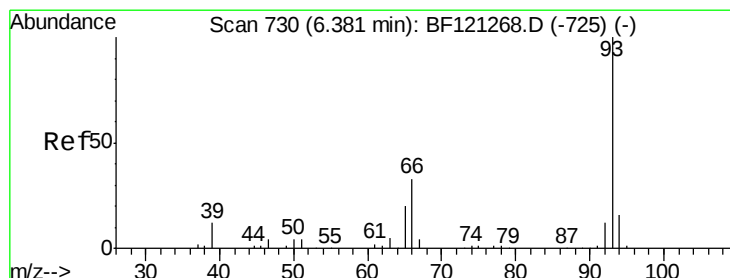
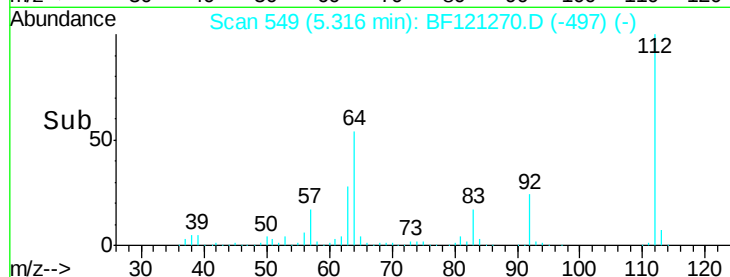
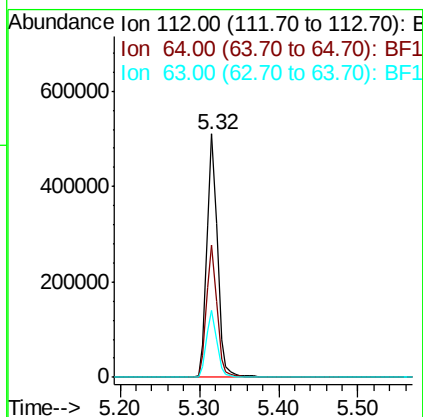
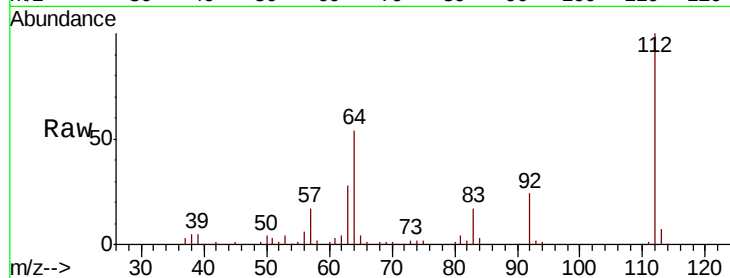




#5  
 2-Fluorophenol  
 Concen: 117.188 ng  
 RT: 5.32 min Scan# 549  
 Delta R.T. 0.01 min  
 Lab File: BF121270.D  
 Acq: 13 Aug 2020 13:33

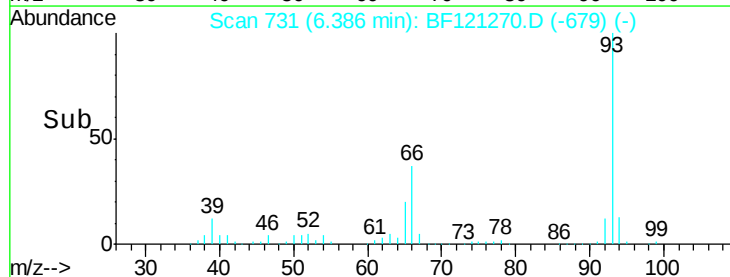
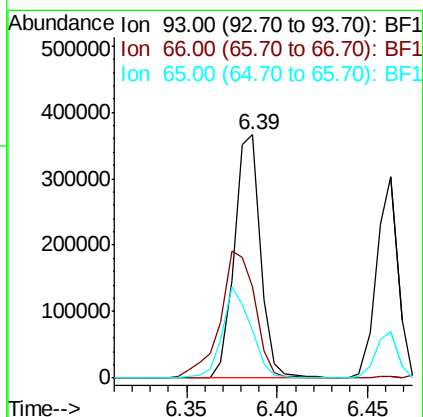
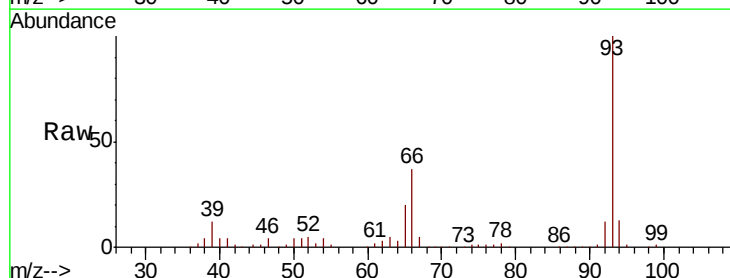
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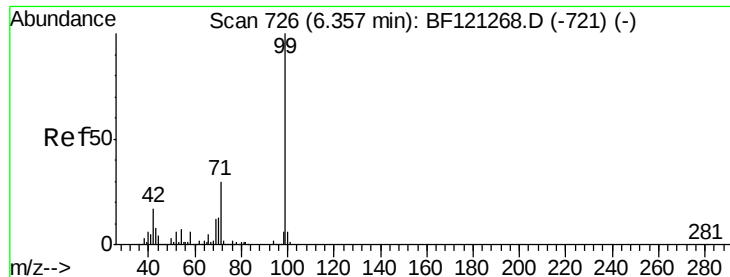
Tot Ion:112 Resp: 484416  
 Ion Ratio Lower Upper  
 112 100  
 64 54.2 45.5 68.3  
 63 27.6 23.0 34.6



#6  
 Aniline  
 Concen: 58.228 ng  
 RT: 6.39 min Scan# 731  
 Delta R.T. 0.01 min  
 Lab File: BF121270.D  
 Acq: 13 Aug 2020 13:33

Tgt Ion: 93 Resp: 368836  
 Ion Ratio Lower Upper  
 93 100  
 66 37.4 30.7 46.1  
 65 19.8 16.6 25.0





#7

Phenol-d6

Concen: 115.351 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF121270.D

Acq: 13 Aug 2020 13:33

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

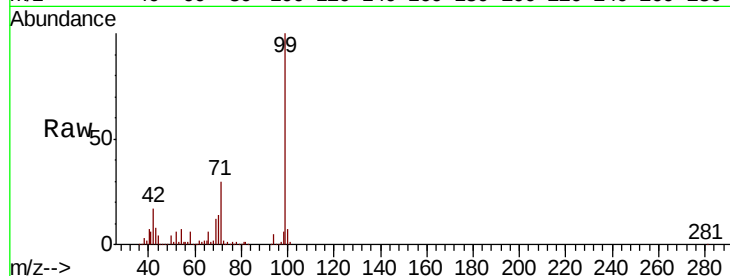
Tot Ion: 99 Resp: 614411

Ion Ratio Lower Upper

99 100

42 16.9 13.3 19.9

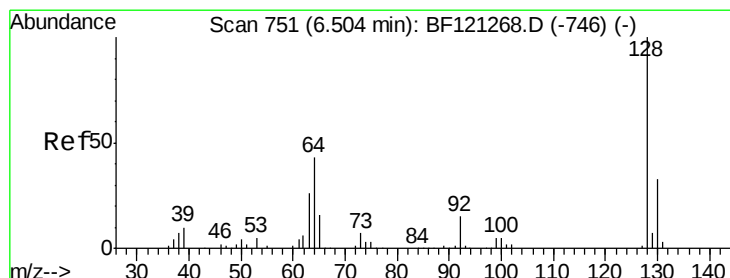
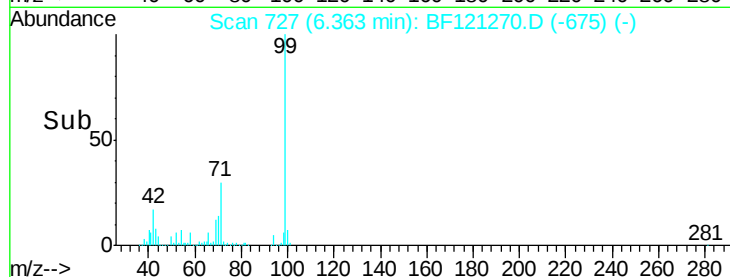
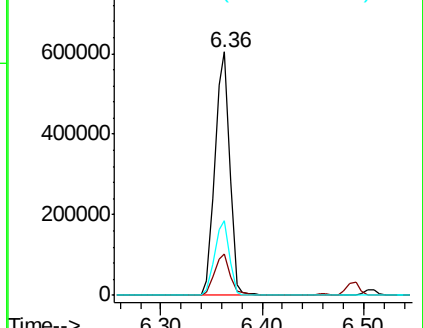
71 30.4 23.9 35.9



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: 58.669 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF121270.D

Acq: 13 Aug 2020 13:33

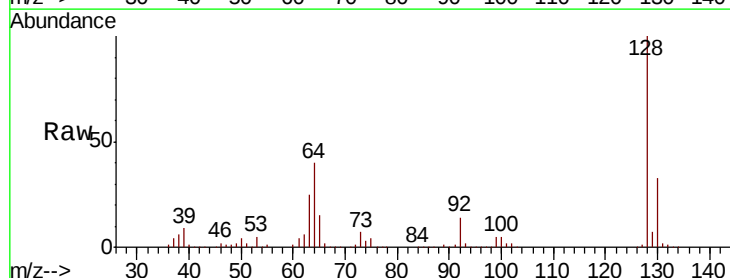
Tgt Ion: 128 Resp: 267915

Ion Ratio Lower Upper

128 100

130 33.1 12.5 52.5

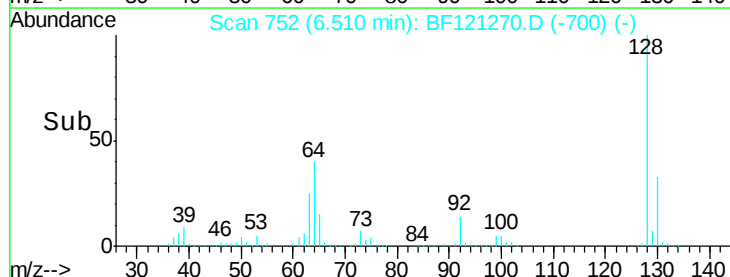
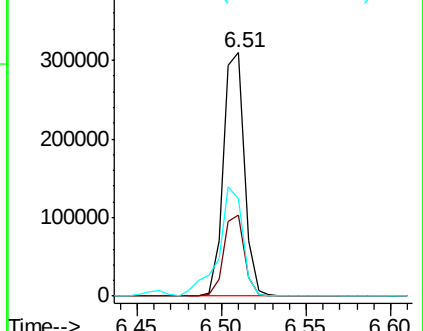
64 39.9 23.9 63.9

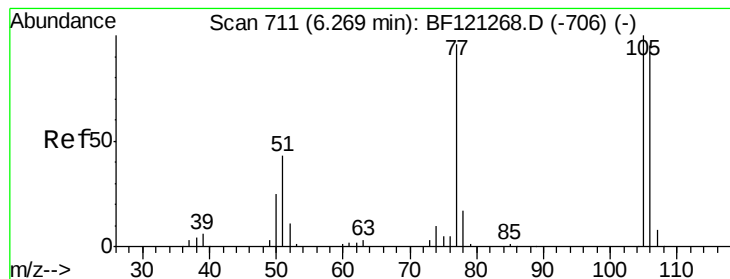


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 51.900 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF121270.D

Acq: 13 Aug 2020 13:33

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

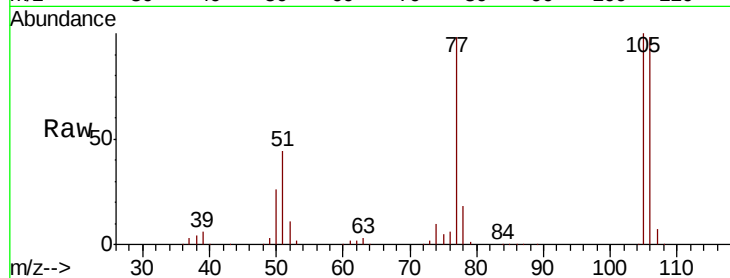
Tot Ion: 77 Resp: 147710

Ion Ratio Lower Upper

77 100

105 102.5 84.1 124.1

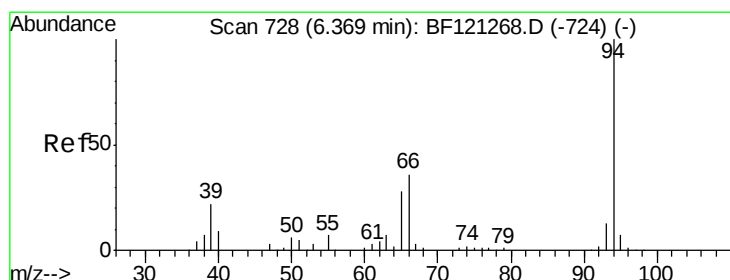
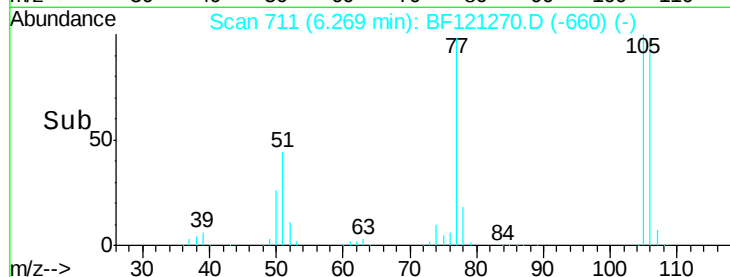
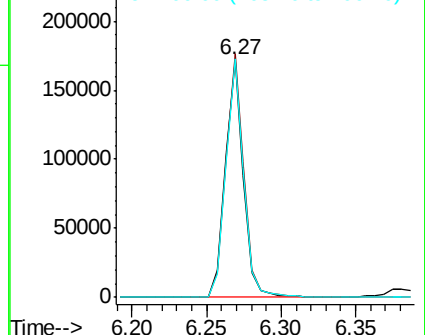
106 100.2 79.4 119.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 57.101 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF121270.D

Acq: 13 Aug 2020 13:33

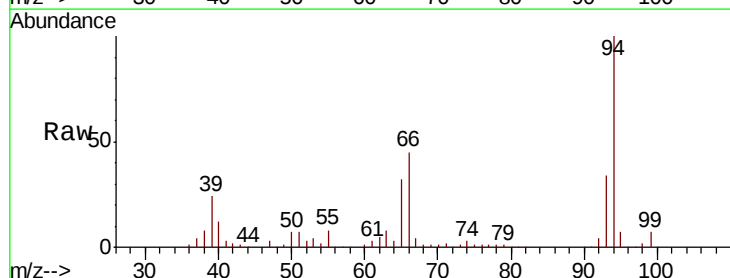
Tgt Ion: 94 Resp: 329637

Ion Ratio Lower Upper

94 100

65 32.2 8.0 48.0

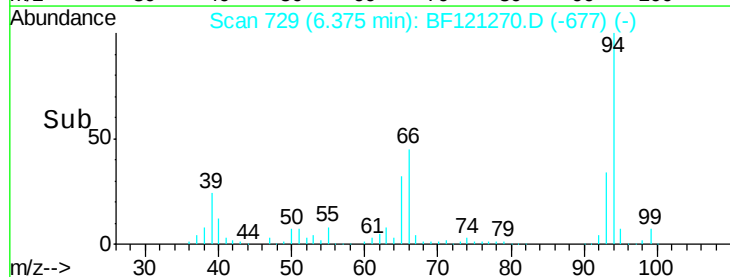
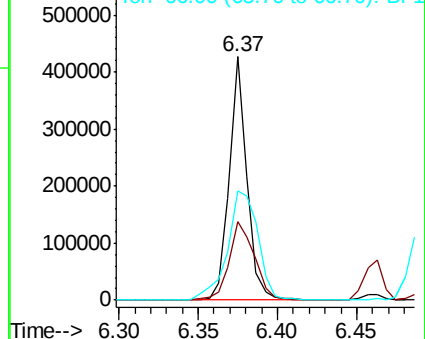
66 44.9 17.1 57.1

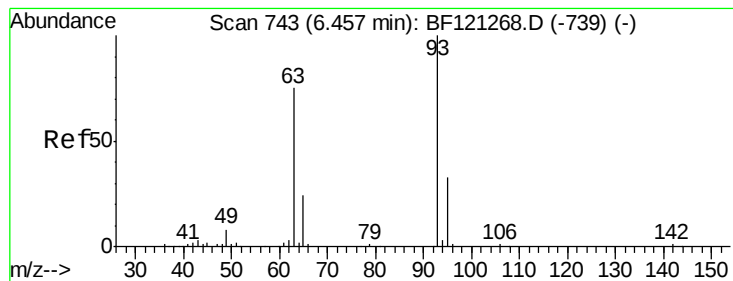


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



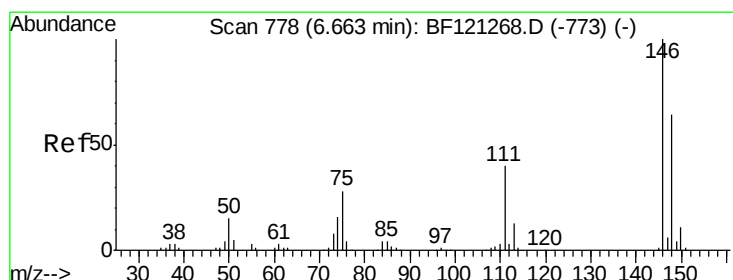
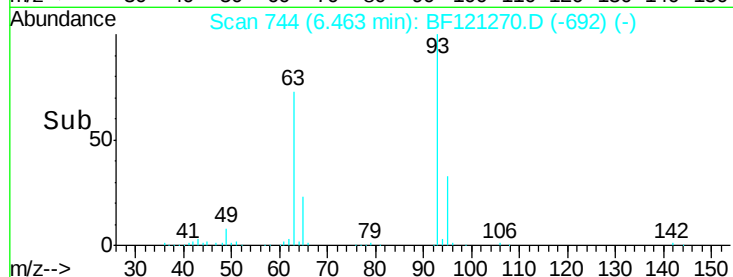
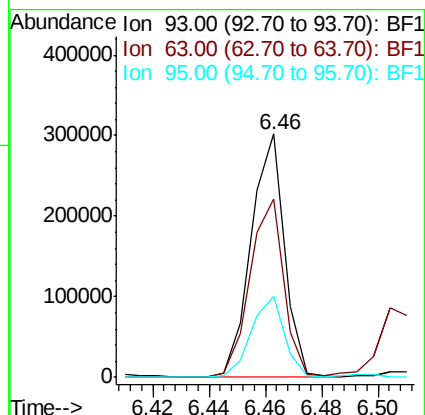
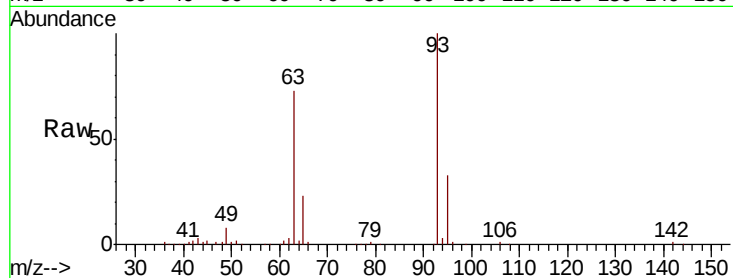


#11  
 bis(2-Chloroethyl)ether  
 Concen: 58.323 ng  
 RT: 6.46 min Scan# 744  
 Delta R.T. 0.01 min  
 Lab File: BF121270.D  
 Acq: 13 Aug 2020 13:33

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Tot Ion: 93 Resp: 245293  

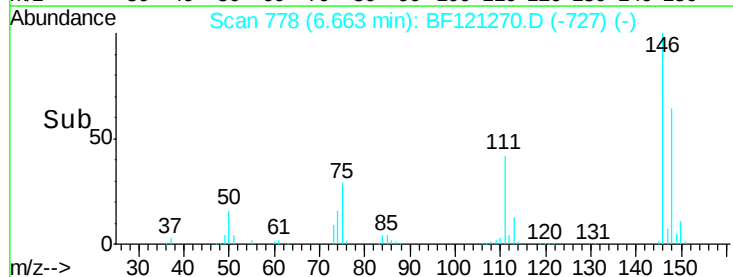
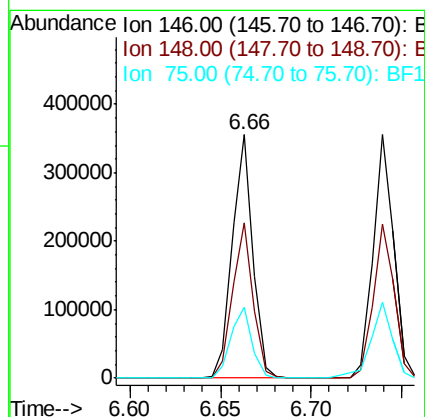
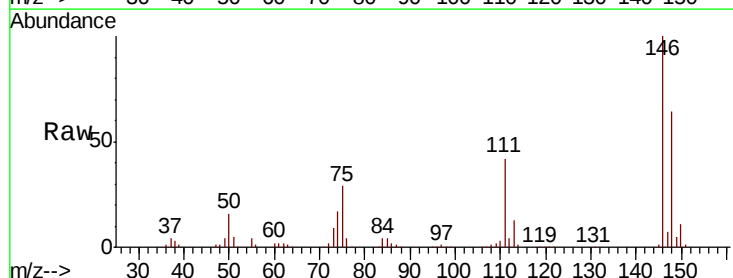
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 73.4  | 54.4  | 94.4  |
| 95  | 33.4  | 13.0  | 53.0  |

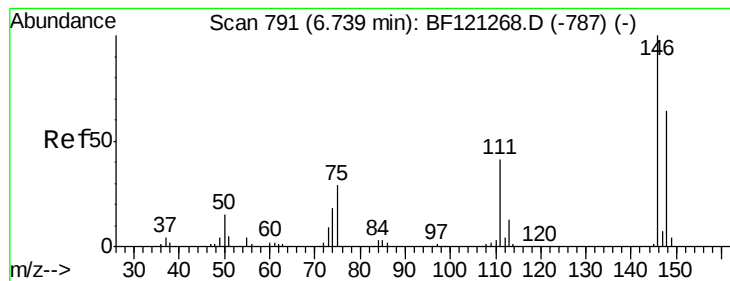


#12  
 1,3-Dichlorobenzene  
 Concen: 58.491 ng  
 RT: 6.66 min Scan# 778  
 Delta R.T. -0.00 min  
 Lab File: BF121270.D  
 Acq: 13 Aug 2020 13:33

Tgt Ion: 146 Resp: 281245  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 63.9  | 51.4  | 77.0  |
| 75  | 29.1  | 22.2  | 33.4  |





#13

1,4-Dichlorobenzene

Concen: 57.693 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF121270.D

Acq: 13 Aug 2020 13:33

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

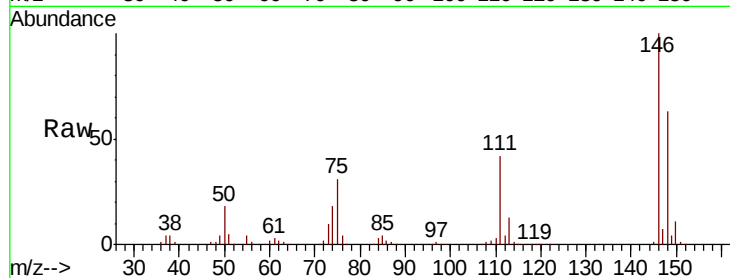
Tot Ion:146 Resp: 282061

Ion Ratio Lower Upper

146 100

148 63.5 51.1 76.7

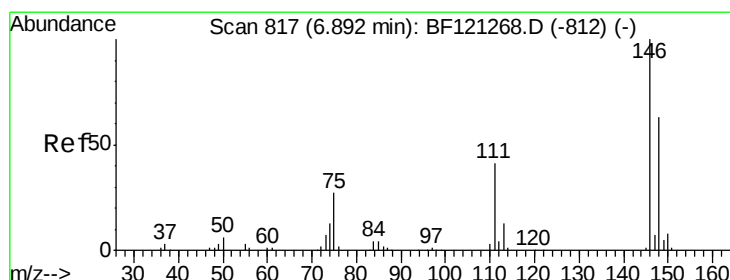
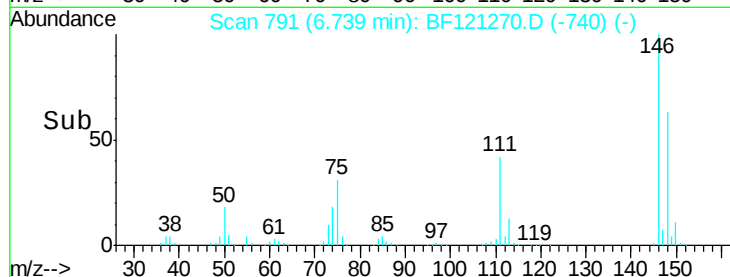
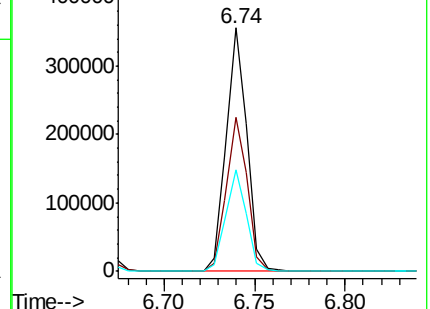
111 41.9 33.0 49.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 57.384 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF121270.D

Acq: 13 Aug 2020 13:33

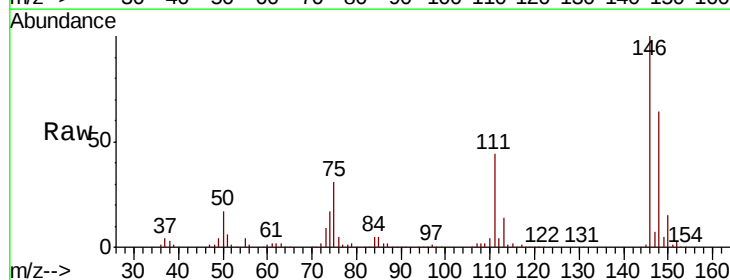
Tgt Ion:146 Resp: 264666

Ion Ratio Lower Upper

146 100

148 63.7 50.6 75.8

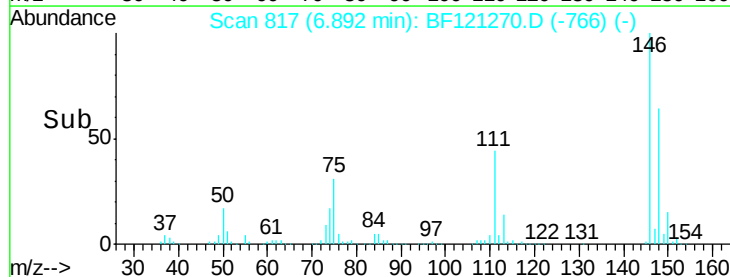
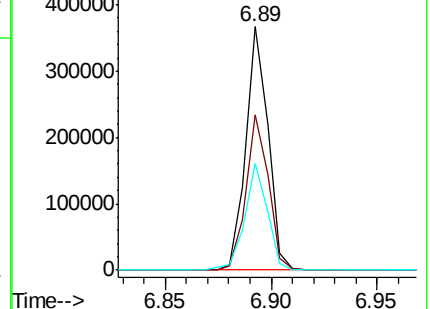
111 43.6 33.1 49.7

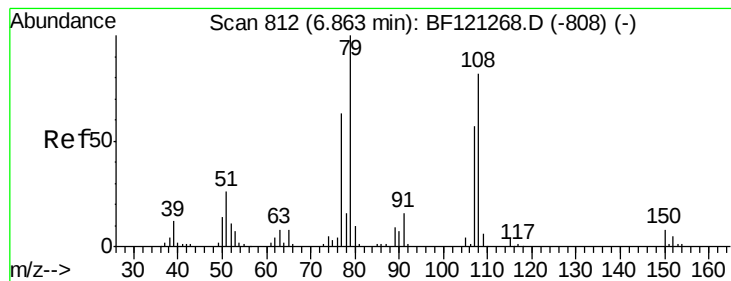


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 58.404 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF121270.D

Acq: 13 Aug 2020 13:33

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

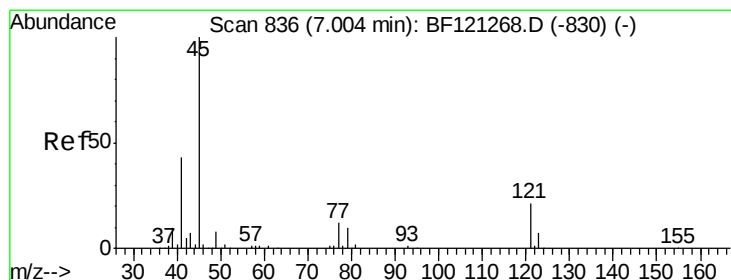
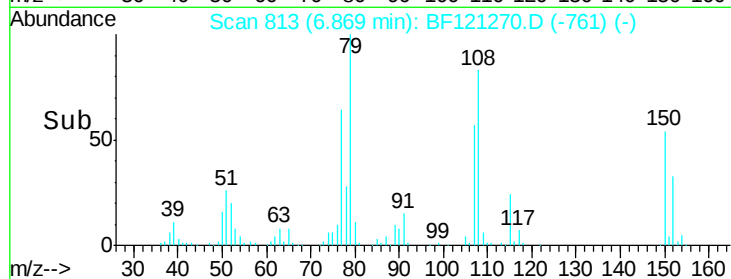
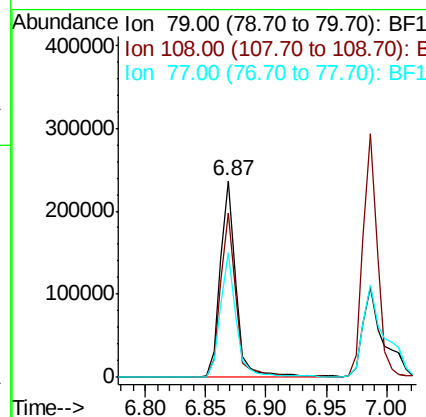
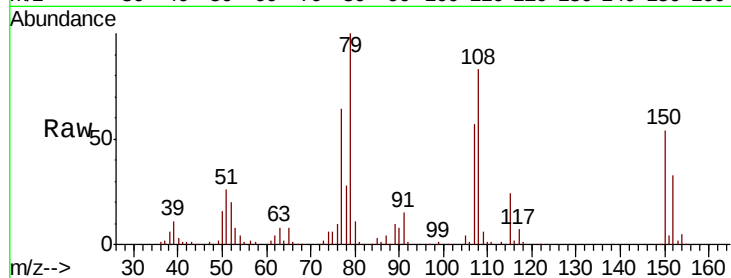
Tot Ion: 79 Resp: 210414

Ion Ratio Lower Upper

79 100

108 83.5 65.2 97.8

77 63.7 50.7 76.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 58.823 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF121270.D

Acq: 13 Aug 2020 13:33

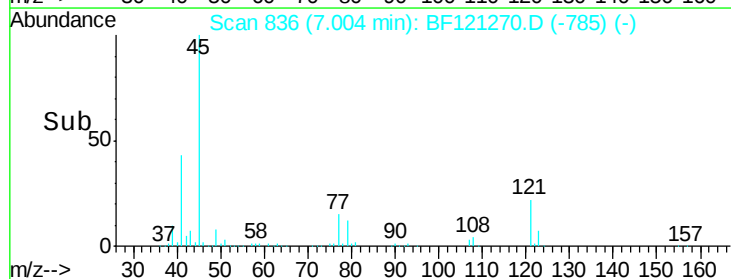
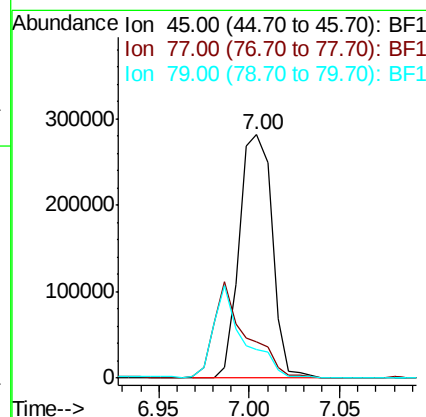
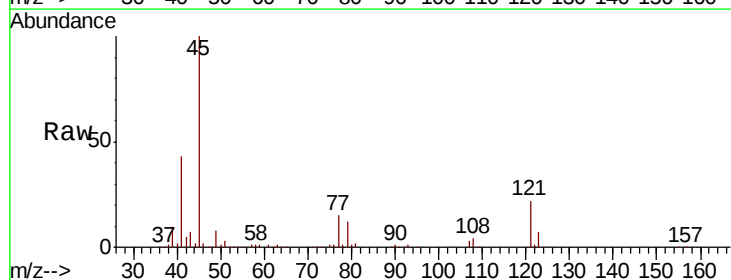
Tgt Ion: 45 Resp: 355969

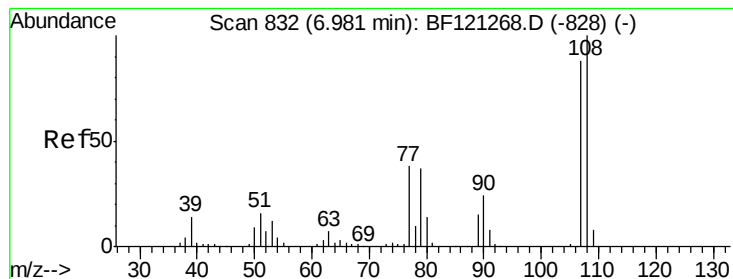
Ion Ratio Lower Upper

45 100

77 15.1 0.0 33.7

79 11.9 0.0 31.7





#17

2-Methylphenol

Concen: 57.624 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.01 min

Lab File: BF121270.D

Acq: 13 Aug 2020 13:33

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

Tot Ion:107 Resp: 209848

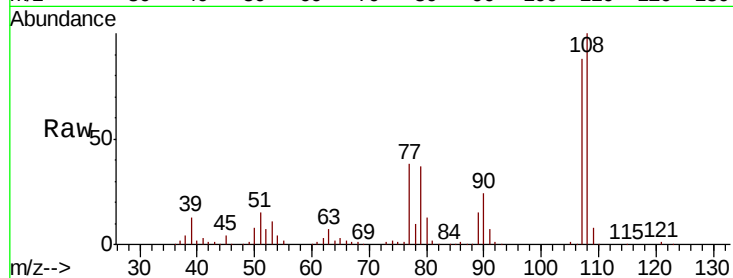
Ion Ratio Lower Upper

107 100

108 113.4 91.4 137.2

77 43.1 35.4 53.2

79 41.6 34.1 51.1

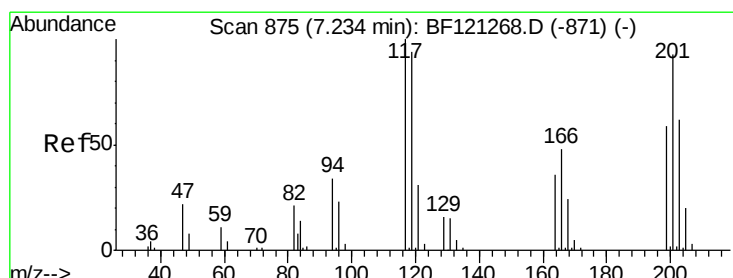
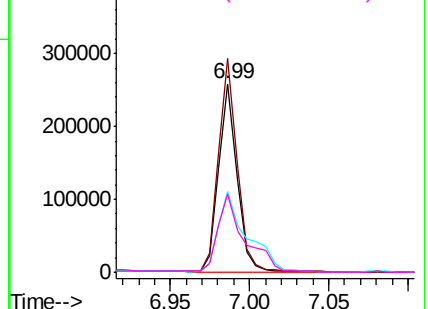
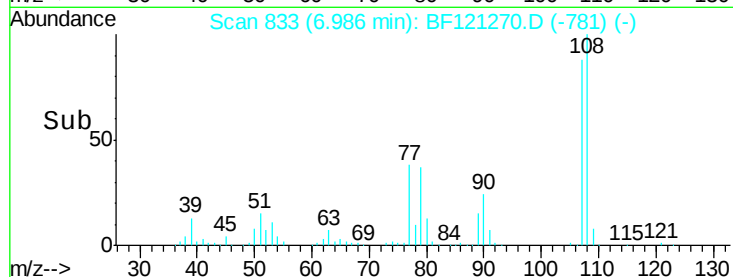


Abundance Ion 107.00 (106.70 to 107.70): E

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: 59.131 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF121270.D

Acq: 13 Aug 2020 13:33

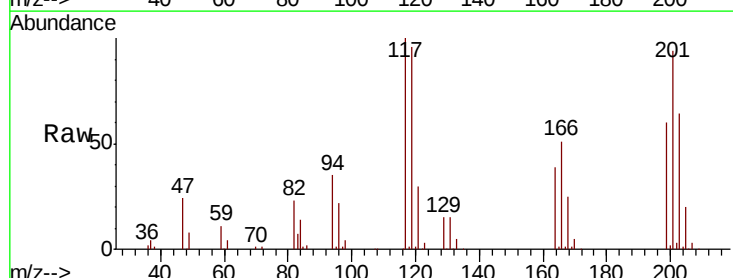
Tgt Ion:117 Resp: 102956

Ion Ratio Lower Upper

117 100

119 95.6 75.2 112.8

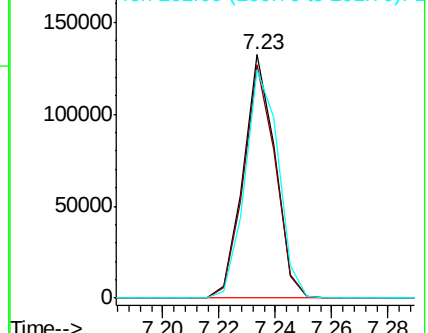
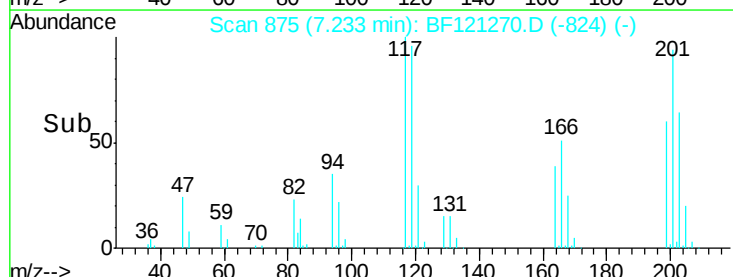
201 94.0 74.6 112.0

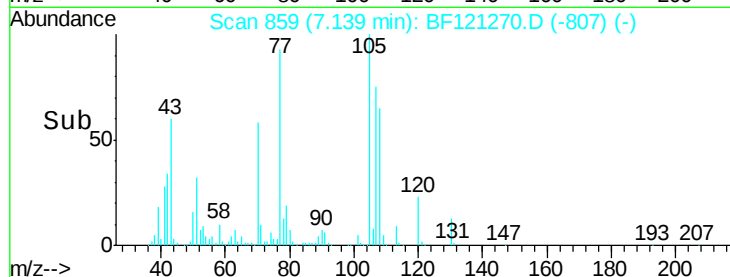
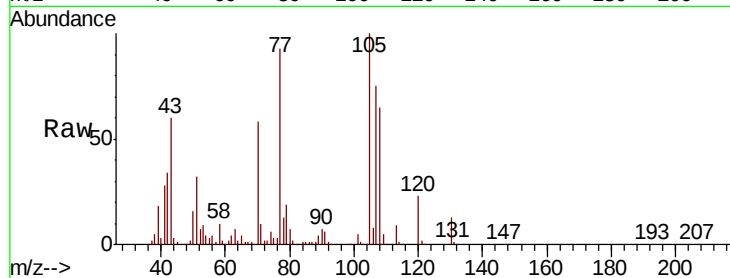
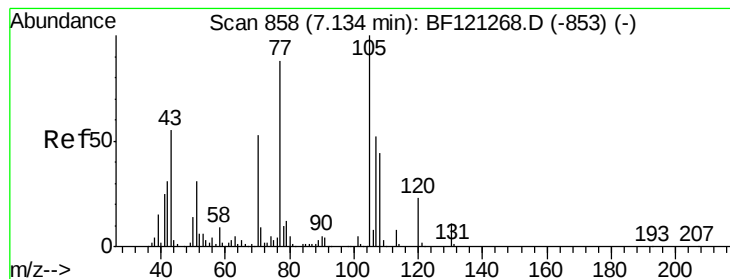


Abundance Ion 117.00 (116.70 to 117.70): E

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: 55.810 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.01 min

Lab File: BF121270.D

Acq: 13 Aug 2020 13:33

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tot Ion: 70 Resp: 166113

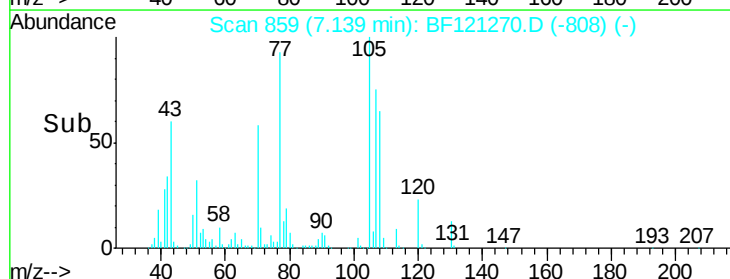
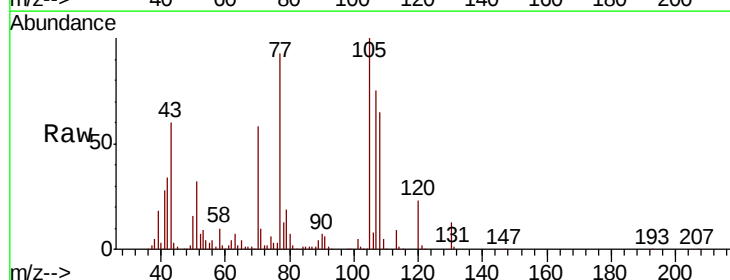
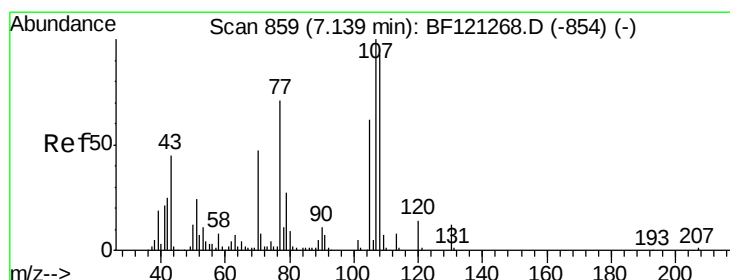
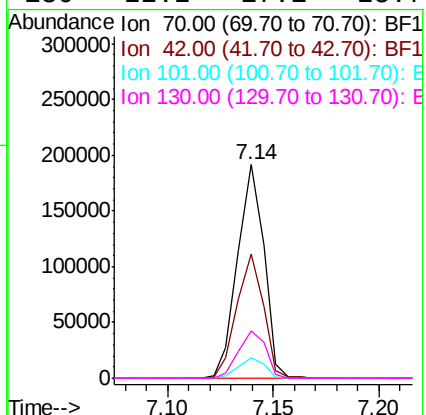
Ion Ratio Lower Upper

70 100

42 58.3 46.9 70.3

101 9.5 7.5 11.3

130 22.2 17.1 25.7



#20

3+4-Methylphenols

Concen: 55.825 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF121270.D

Acq: 13 Aug 2020 13:33

Tgt Ion:107 Resp: 253466

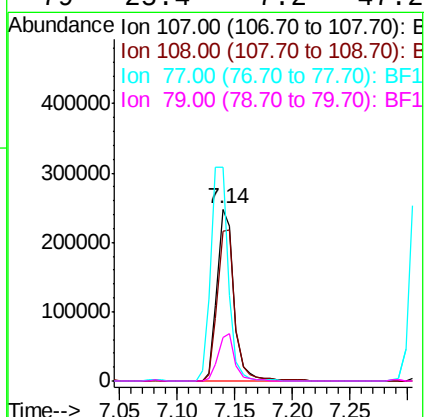
Ion Ratio Lower Upper

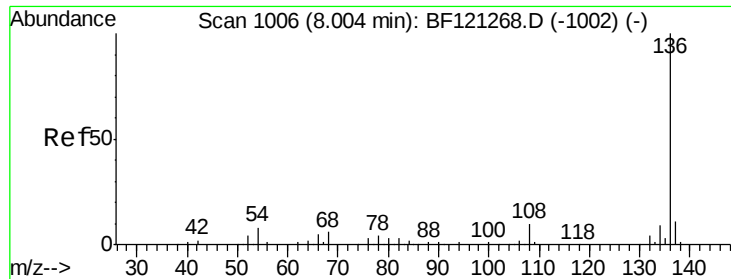
107 100

108 87.5 73.4 113.4

77 124.5 51.2 91.2#

79 25.4 7.2 47.2

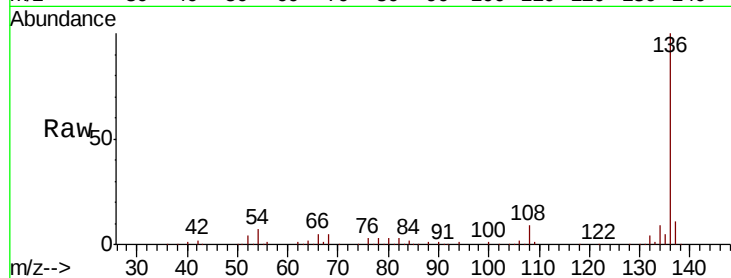




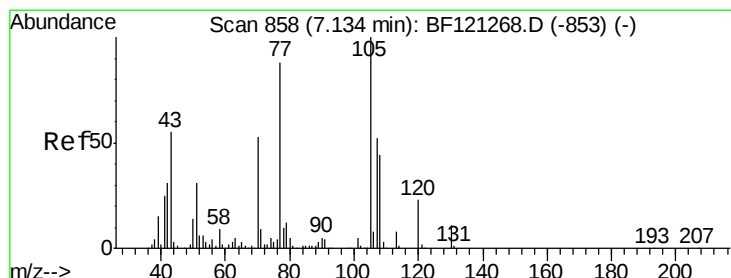
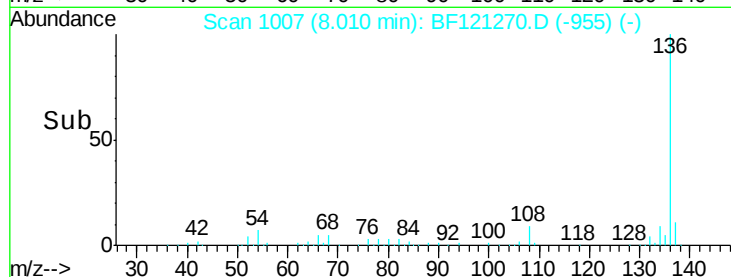
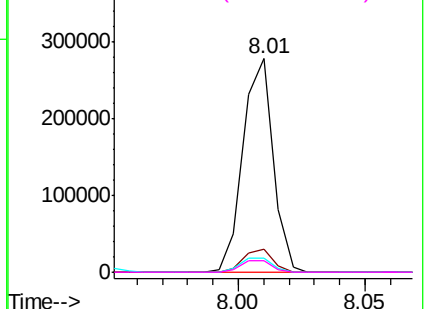
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.01 min Scan# 1007  
Delta R.T. 0.01 min  
Lab File: BF121270.D  
Acq: 13 Aug 2020 13:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 230639   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.1  | 8.9 13.3 |
| 54          | 6.8   | 6.2 9.4  |
| 68          | 5.3   | 5.0 7.6  |

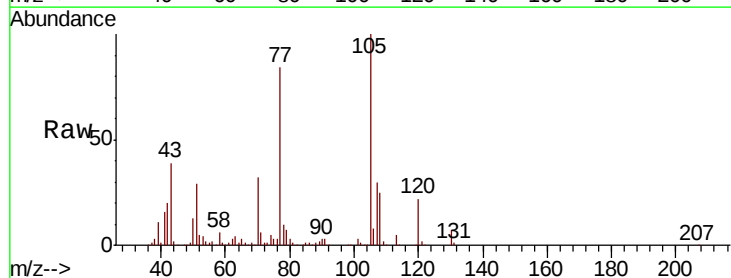


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

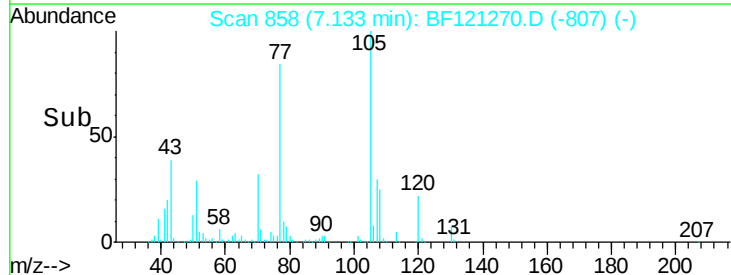
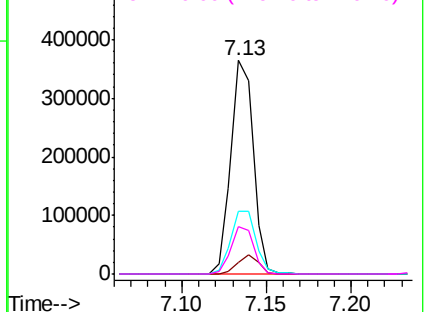


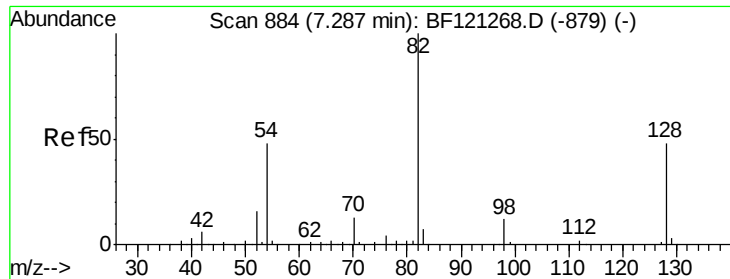
#22  
Acetophenone  
Concen: 58.259 ng  
RT: 7.13 min Scan# 858  
Delta R.T. -0.00 min  
Lab File: BF121270.D  
Acq: 13 Aug 2020 13:33

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 338145    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 5.6   | 7.0 10.6# |
| 51          | 29.2  | 24.5 36.7 |
| 120         | 22.2  | 18.4 27.6 |



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BF1  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 120.00 (119.70 to 120.70): E

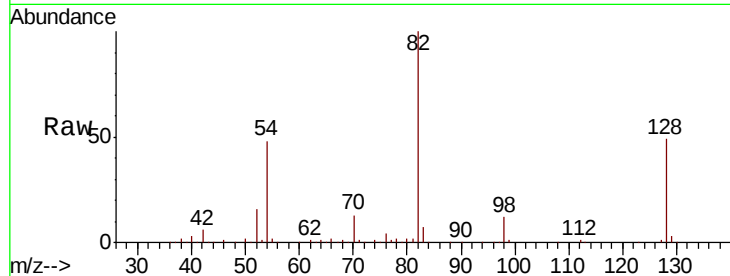




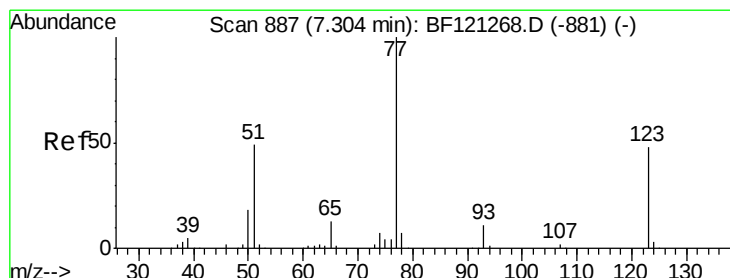
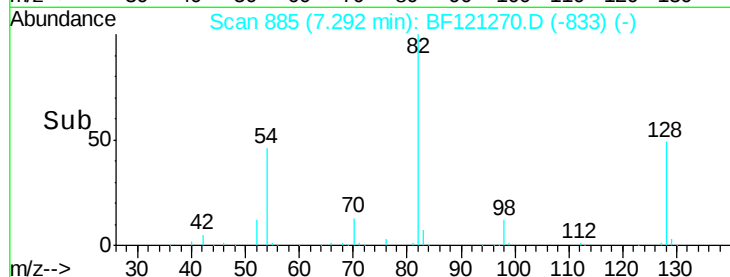
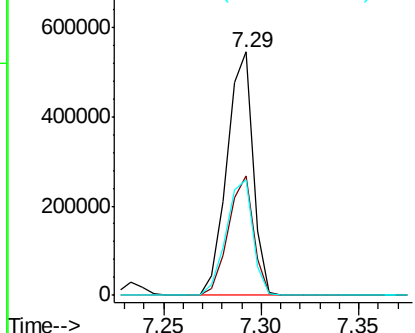
#23  
Nitrobenzene-d5  
Concen: 119.510 ng  
RT: 7.29 min Scan# 885  
Delta R.T. 0.01 min  
Lab File: BF121270.D  
Acq: 13 Aug 2020 13:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion   | 82    | Resp  | 505615 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 48.8  | 38.3  | 57.5   |
| 54        | 47.7  | 38.1  | 57.1   |

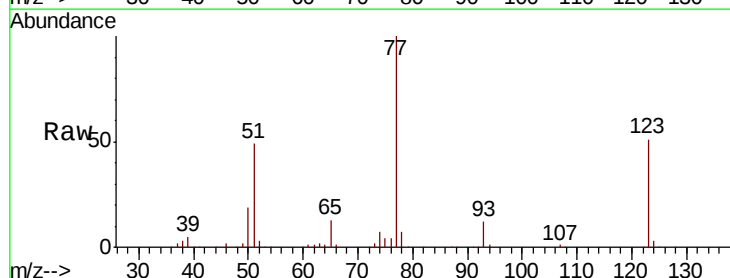


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1

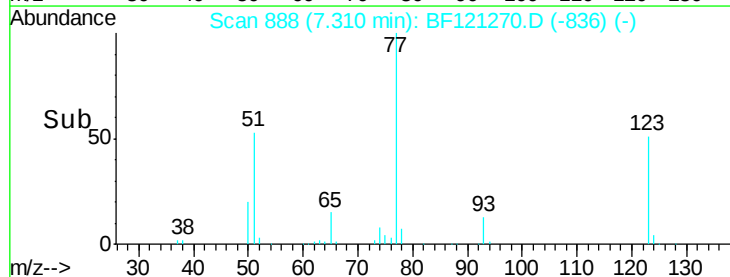
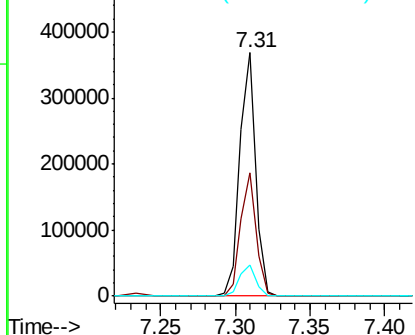


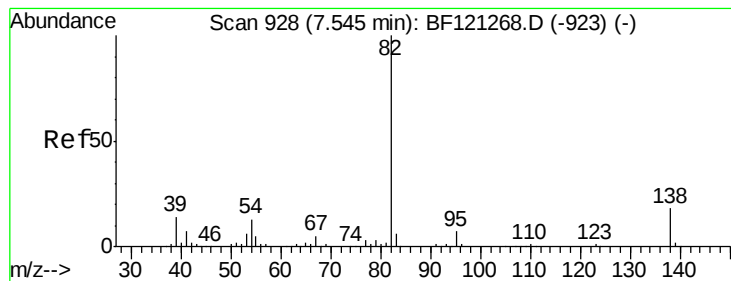
#24  
Nitrobenzene  
Concen: 59.682 ng  
RT: 7.31 min Scan# 888  
Delta R.T. 0.01 min  
Lab File: BF121270.D  
Acq: 13 Aug 2020 13:33

| Tgt Ion   | 77    | Resp  | 277205 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 50.8  | 38.3  | 57.5   |
| 65        | 13.0  | 10.6  | 15.8   |



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





#25

Isophorone

Concen: 59.889 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.01 min

Lab File: BF121270.D

Acq: 13 Aug 2020 13:33

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

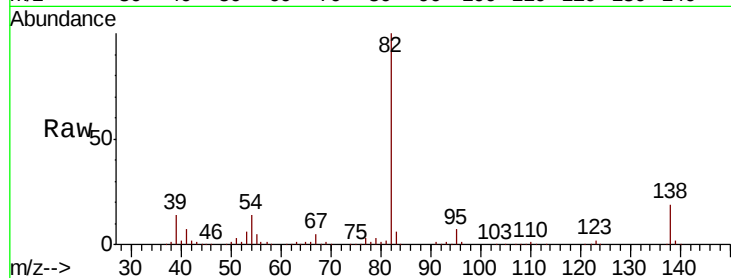
Tot Ion: 82 Resp: 507194

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.2

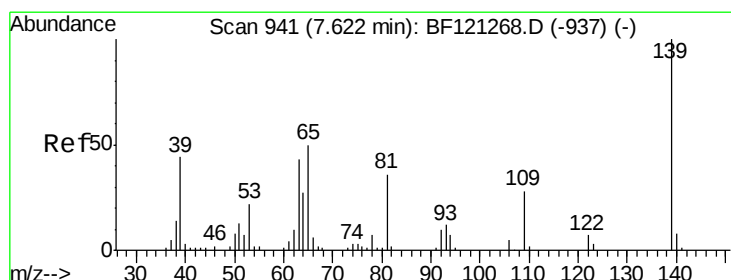
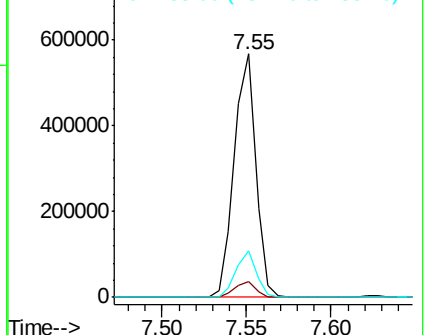
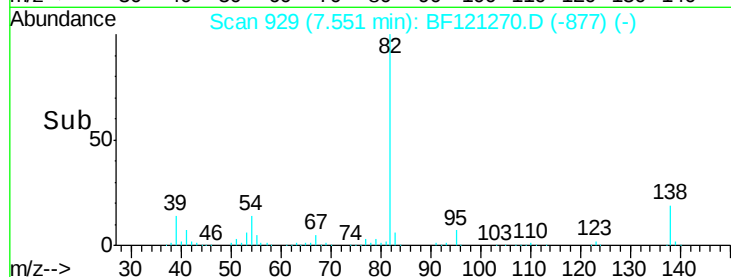
138 19.2 14.4 21.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 63.094 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.01 min

Lab File: BF121270.D

Acq: 13 Aug 2020 13:33

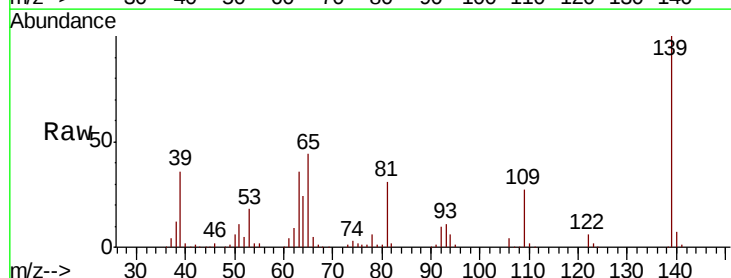
Tgt Ion: 139 Resp: 141392

Ion Ratio Lower Upper

139 100

109 26.6 22.4 33.6

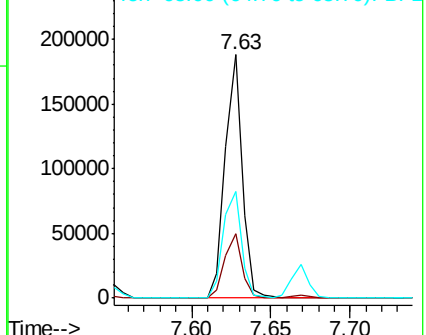
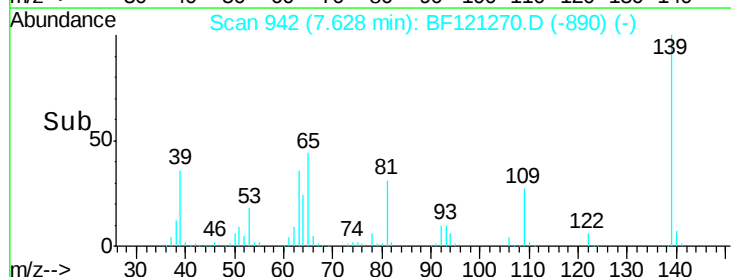
65 44.0 40.4 60.6

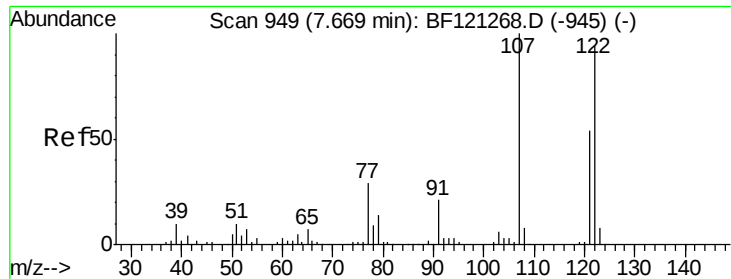


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

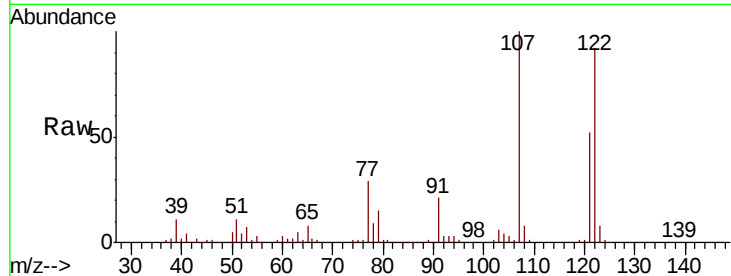




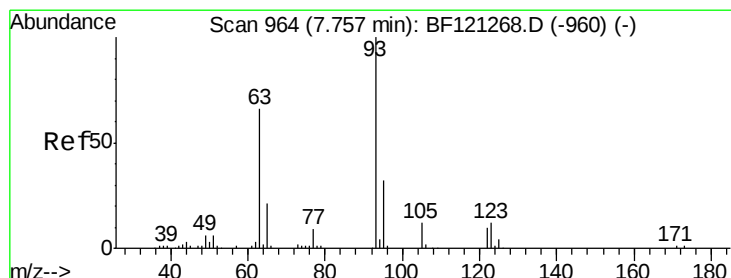
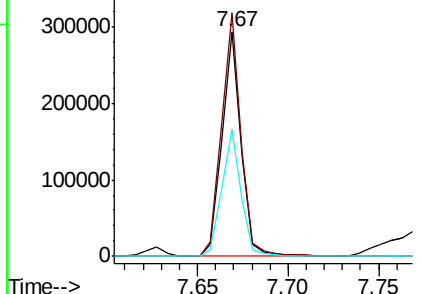
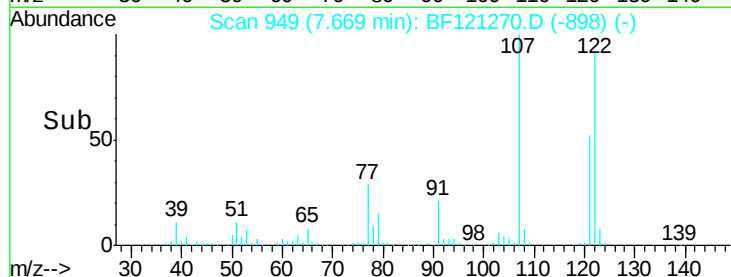
#27  
 2,4-Dimethylphenol  
 Concen: 60.165 ng  
 RT: 7.67 min Scan# 949  
 Delta R.T. -0.00 min  
 Lab File: BF121270.D  
 Acq: 13 Aug 2020 13:33

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 108.5 | 85.4  | 128.0 |
| 121     | 56.5  | 45.8  | 68.8  |

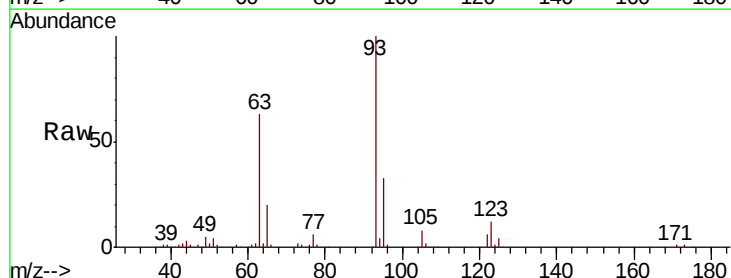


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

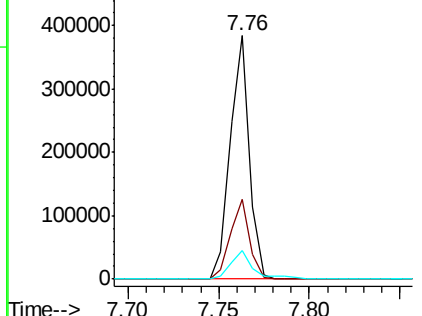
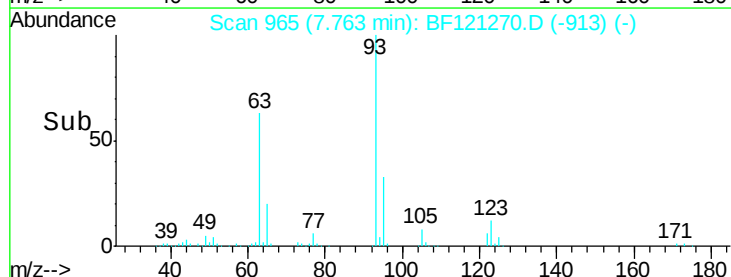


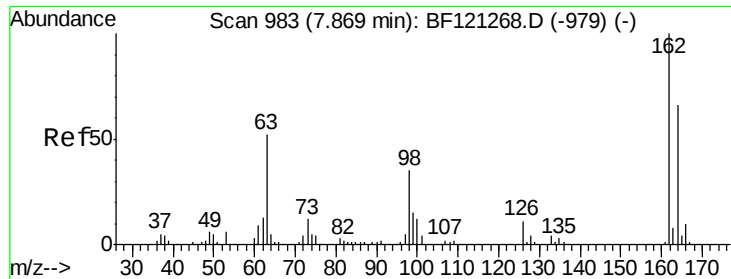
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 59.584 ng  
 RT: 7.76 min Scan# 965  
 Delta R.T. 0.01 min  
 Lab File: BF121270.D  
 Acq: 13 Aug 2020 13:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.9  | 25.9  | 38.9  |
| 123     | 11.7  | 9.4   | 14.2  |



Abundance Ion 93.00 (92.70 to 93.70): BF1  
 Ion 95.00 (94.70 to 95.70): BF1  
 Ion 123.00 (122.70 to 123.70): E

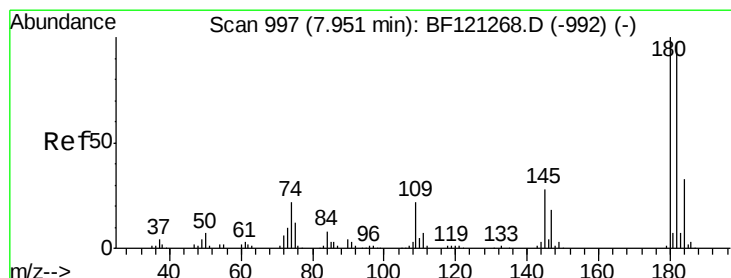
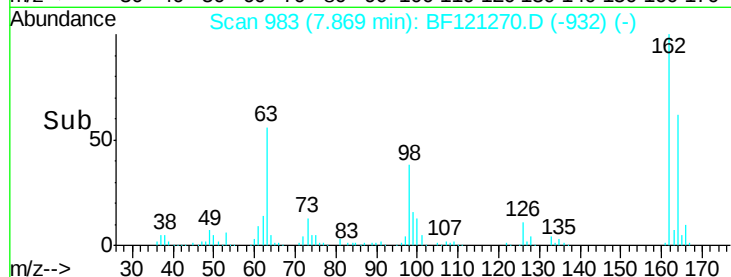
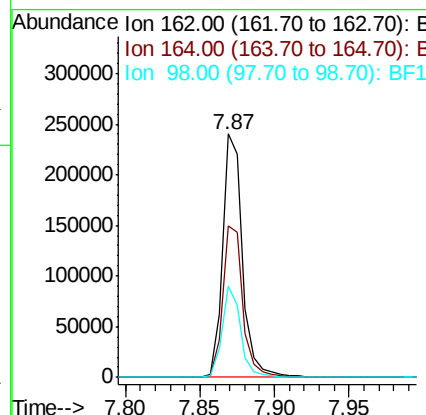
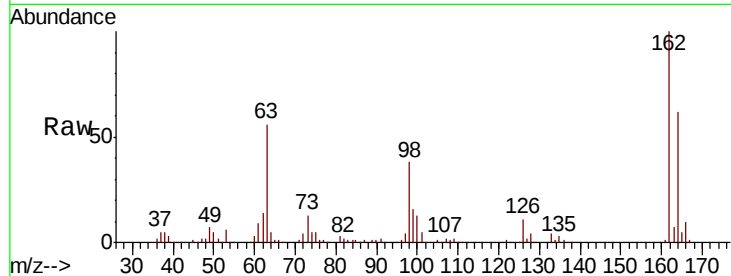




#29  
 2,4-Dichlorophenol  
 Concen: 61.177 ng  
 RT: 7.87 min Scan# 983  
 Delta R.T. -0.00 min  
 Lab File: BF121270.D  
 Acq: 13 Aug 2020 13:33

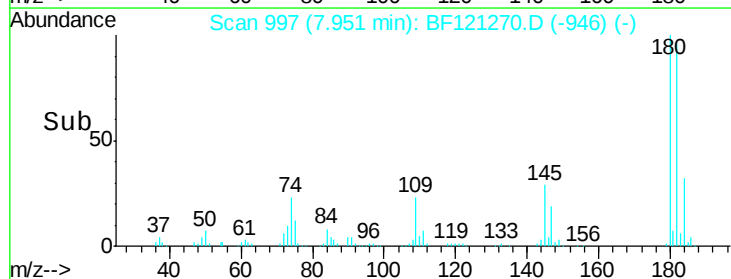
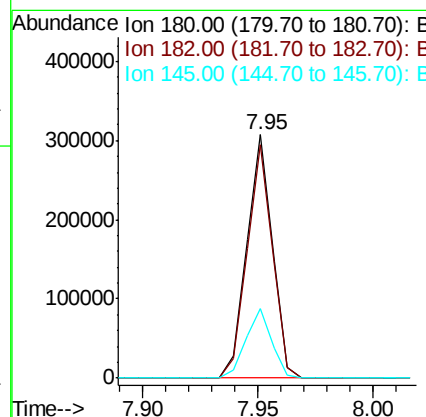
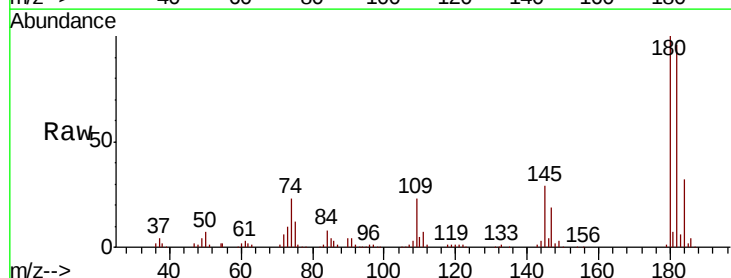
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

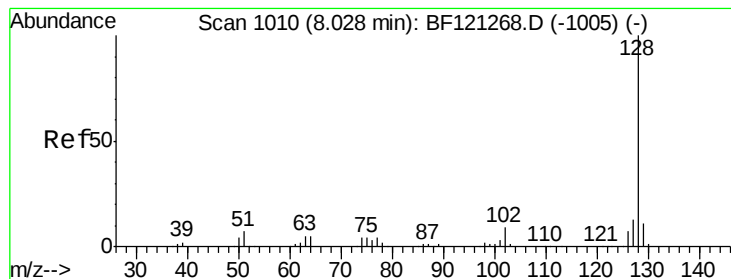
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 62.3  | 45.8  | 85.8  |
| 98      | 37.7  | 15.5  | 55.5  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 59.950 ng  
 RT: 7.95 min Scan# 997  
 Delta R.T. -0.00 min  
 Lab File: BF121270.D  
 Acq: 13 Aug 2020 13:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.7  | 77.6  | 116.4 |
| 145     | 28.8  | 22.6  | 34.0  |





#31

Naphthalene

Concen: 58.677 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF121270.D

Acq: 13 Aug 2020 13:33

Instrument :

BNA\_F

ClientSampled :

SSTDICC060

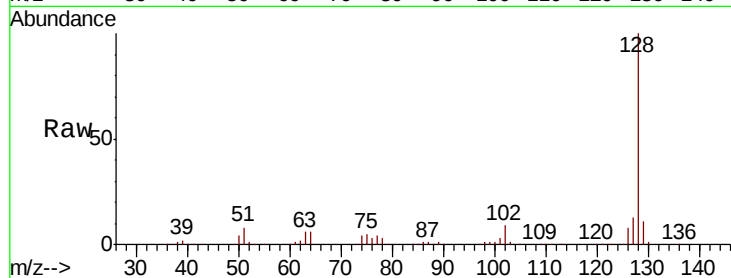
Tot Ion:128 Resp: 753377

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.4

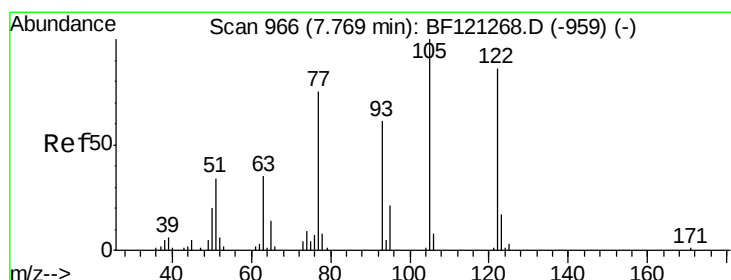
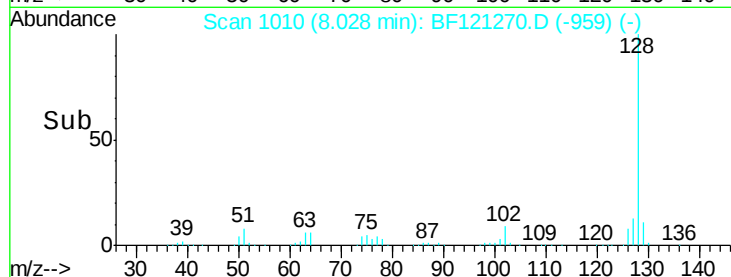
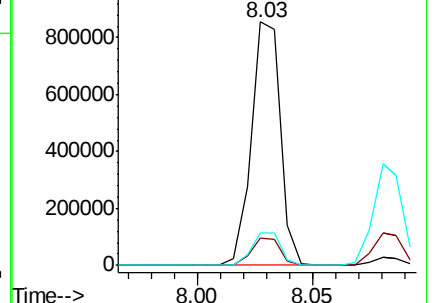
127 13.2 10.6 15.8



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: 80.933 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.02 min

Lab File: BF121270.D

Acq: 13 Aug 2020 13:33

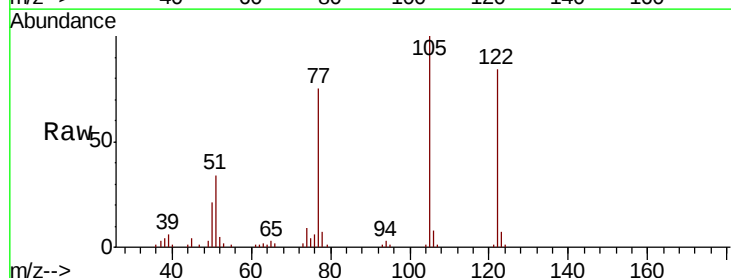
Tgt Ion:122 Resp: 131342

Ion Ratio Lower Upper

122 100

105 118.5 95.2 135.2

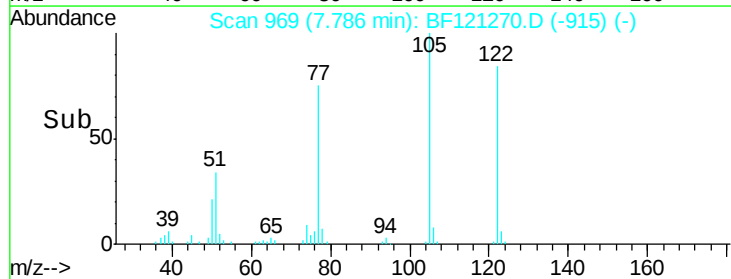
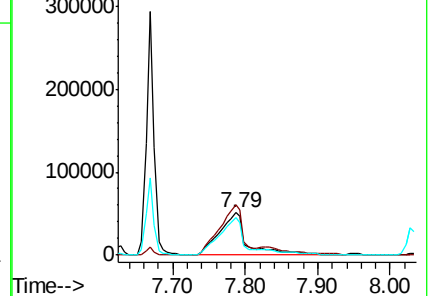
77 88.7 66.3 106.3

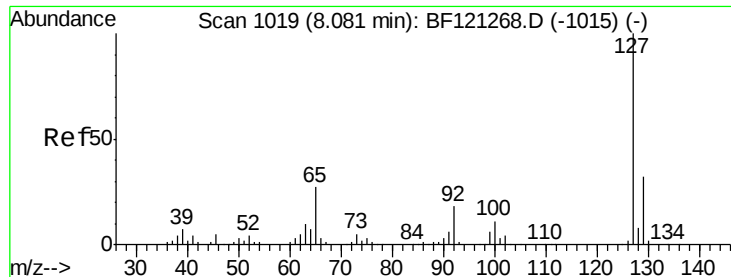


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

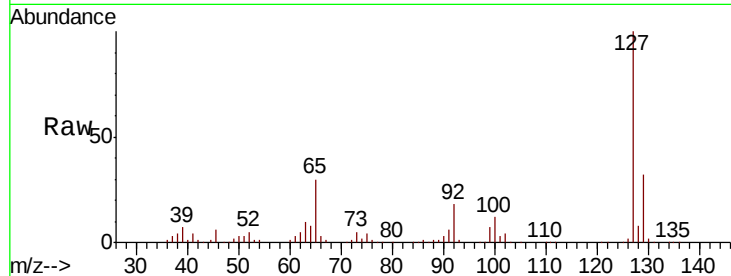




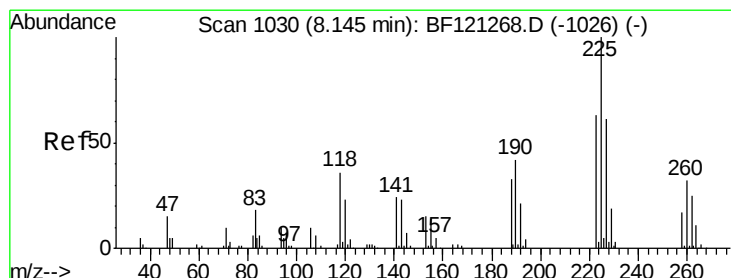
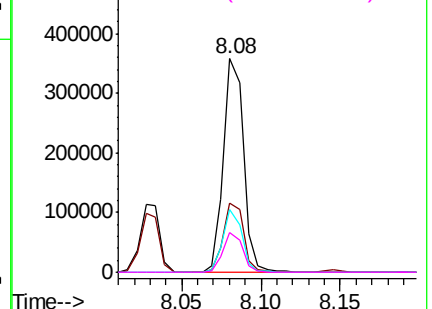
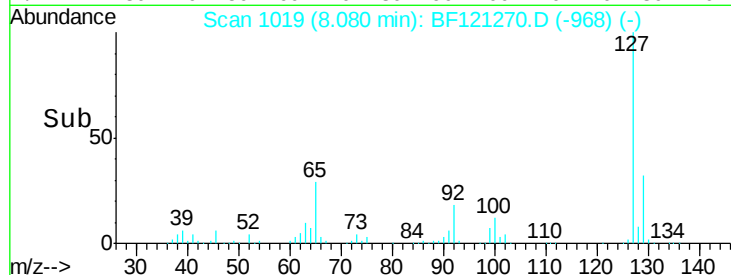
#33  
4-Chloroaniline  
Concen: 60.086 ng  
RT: 8.08 min Scan# 1019  
Delta R.T. -0.00 min  
Lab File: BF121270.D  
Acq: 13 Aug 2020 13:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 316665 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.3  | 25.8  | 38.8   |
| 65       | 29.5  | 21.9  | 32.9   |
| 92       | 18.4  | 14.2  | 21.4   |

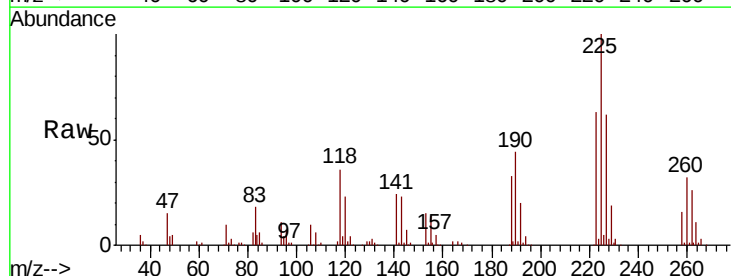


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

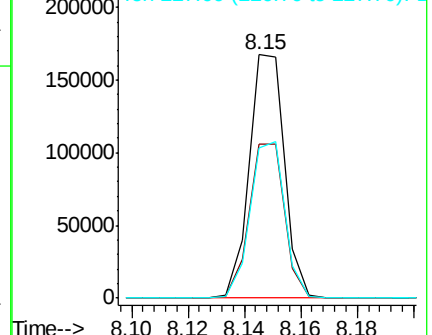
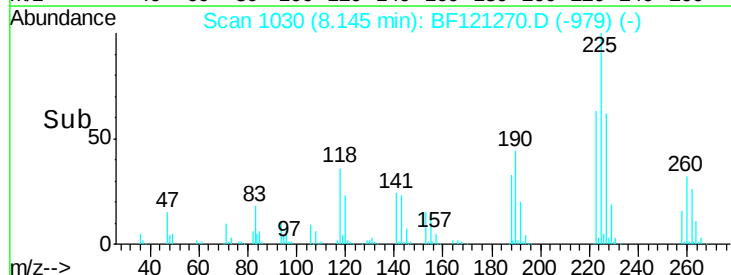


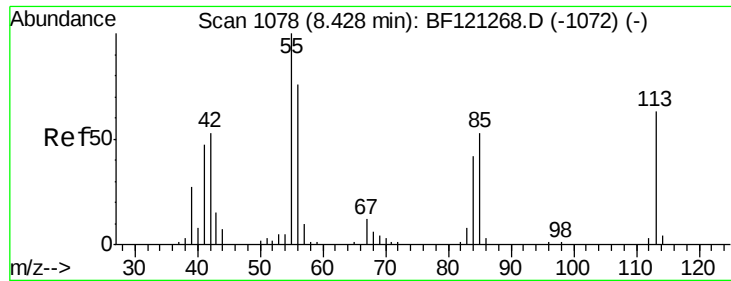
#34  
Hexachlorobutadiene  
Concen: 60.186 ng  
RT: 8.15 min Scan# 1030  
Delta R.T. -0.00 min  
Lab File: BF121270.D  
Acq: 13 Aug 2020 13:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 145093 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.0  | 50.6  | 76.0   |
| 227      | 61.9  | 48.9  | 73.3   |



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

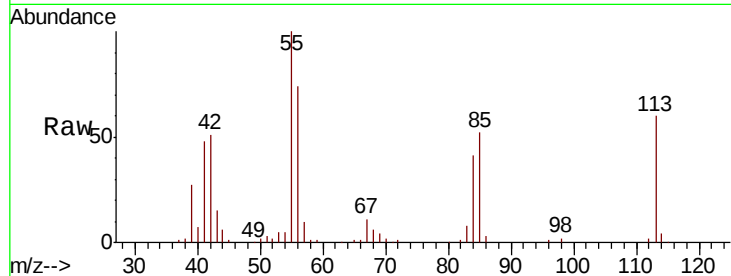




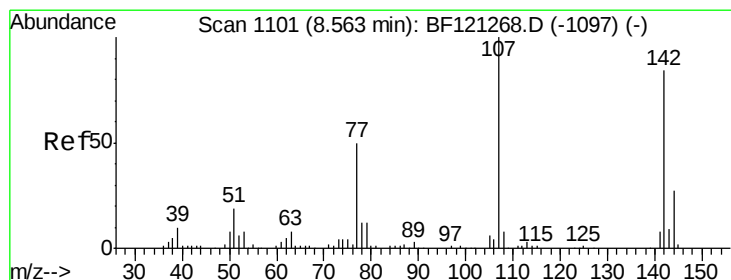
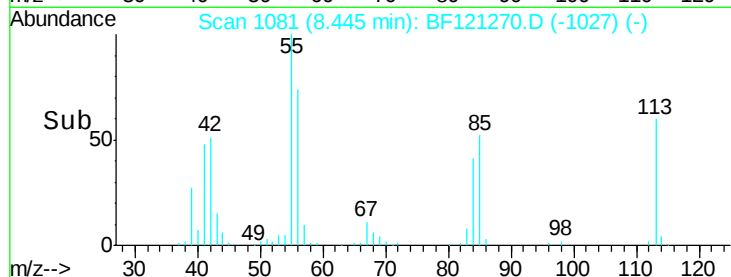
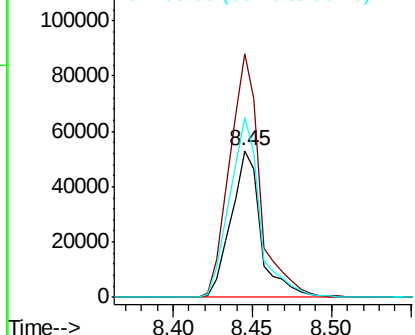
#35  
Caprolactam  
Concen: 62.201 ng  
RT: 8.45 min Scan# 1081  
Delta R.T. 0.02 min  
Lab File: BF121270.D  
Acq: 13 Aug 2020 13:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

Tot Ion:113 Resp: 69159  
Ion Ratio Lower Upper  
113 100  
55 166.0 139.3 179.3  
56 122.6 101.1 141.1

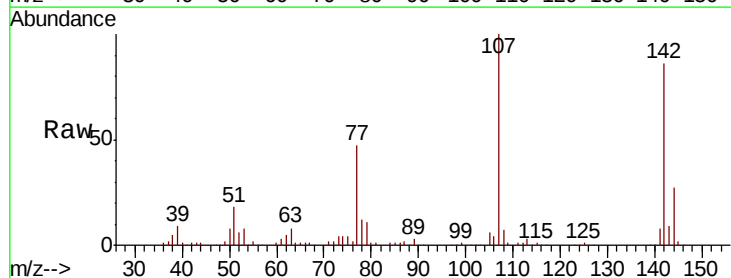


Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BF1  
Ion 56.00 (55.70 to 56.70): BF1

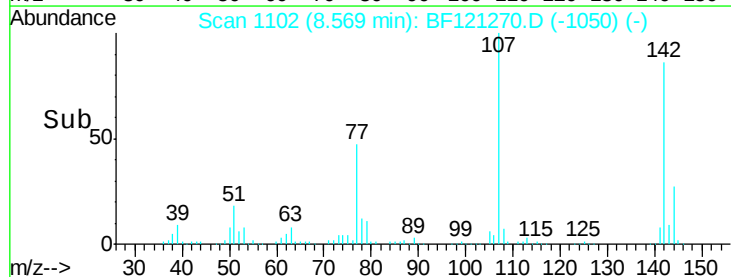
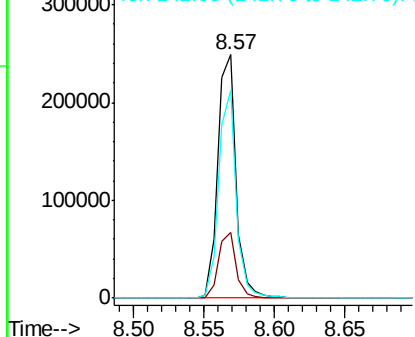


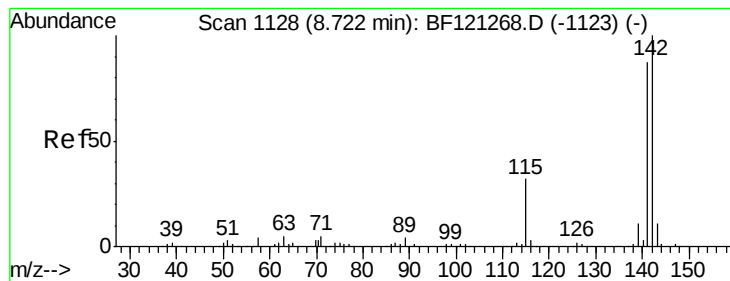
#36  
4-Chloro-3-methylphenol  
Concen: 60.248 ng  
RT: 8.57 min Scan# 1102  
Delta R.T. 0.01 min  
Lab File: BF121270.D  
Acq: 13 Aug 2020 13:33

Tgt Ion:107 Resp: 224689  
Ion Ratio Lower Upper  
107 100  
144 27.0 21.3 31.9  
142 85.5 67.3 100.9



Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 144.00 (143.70 to 144.70): E  
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 58.733 ng

RT: 8.72 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF121270.D

Acq: 13 Aug 2020 13:33

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

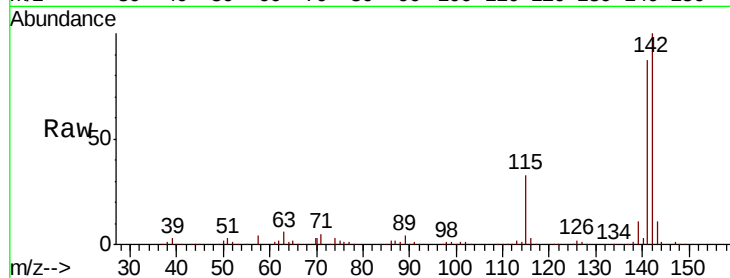
Tot Ion:142 Resp: 499040

Ion Ratio Lower Upper

142 100

141 87.2 69.8 104.8

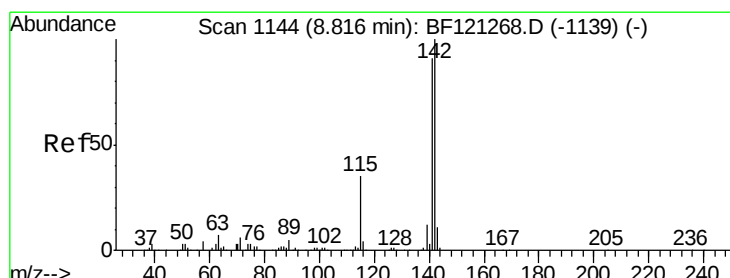
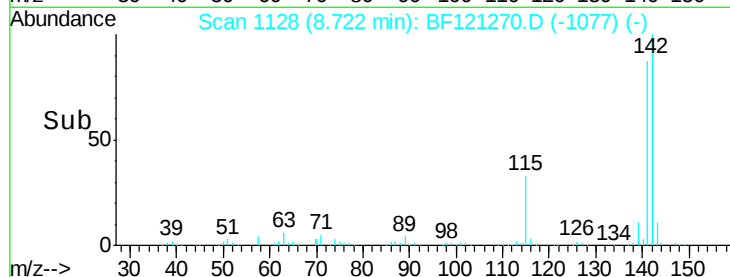
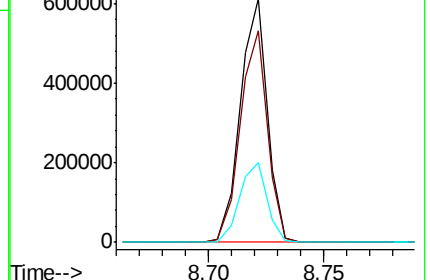
115 32.9 25.4 38.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 59.237 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BF121270.D

Acq: 13 Aug 2020 13:33

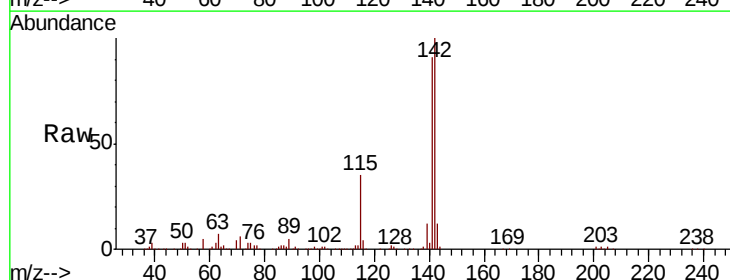
Tgt Ion:142 Resp: 472729

Ion Ratio Lower Upper

142 100

141 91.1 72.8 109.2

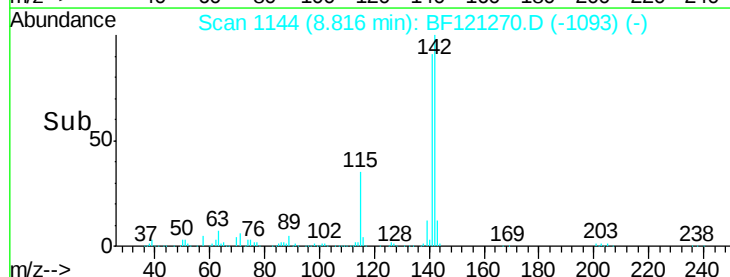
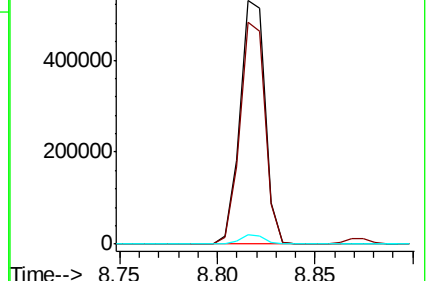
116 3.7 3.0 4.4

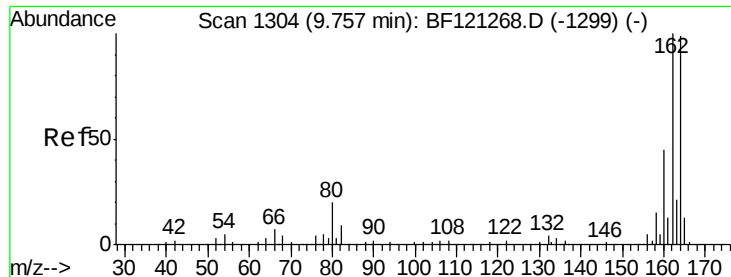


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF121270.D

Acq: 13 Aug 2020 13:33

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

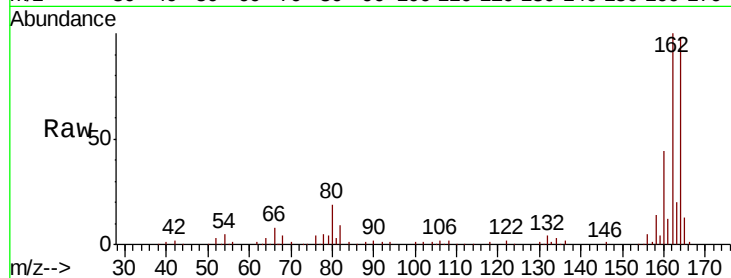
Tot Ion:164 Resp: 119801

Ion Ratio Lower Upper

164 100

162 101.8 81.0 121.6

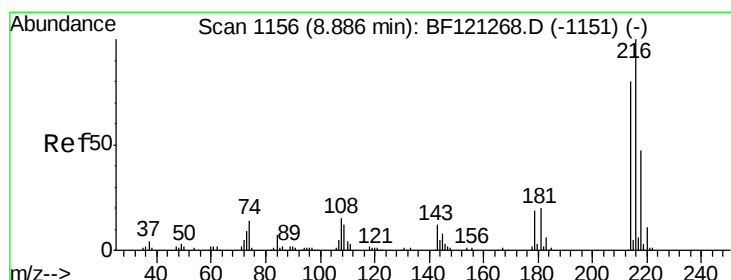
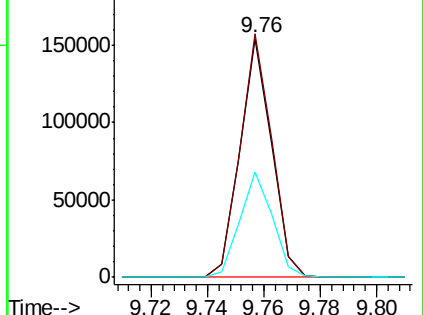
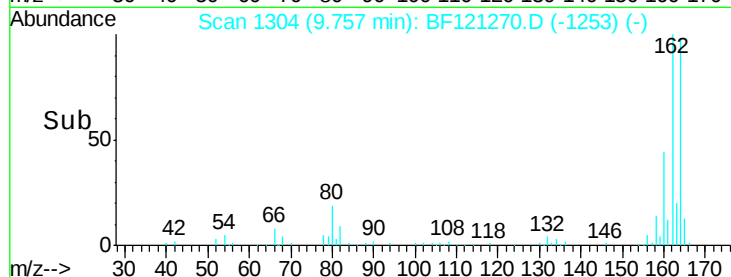
160 44.3 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 60.492 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BF121270.D

Acq: 13 Aug 2020 13:33

Tgt Ion:216 Resp: 238134

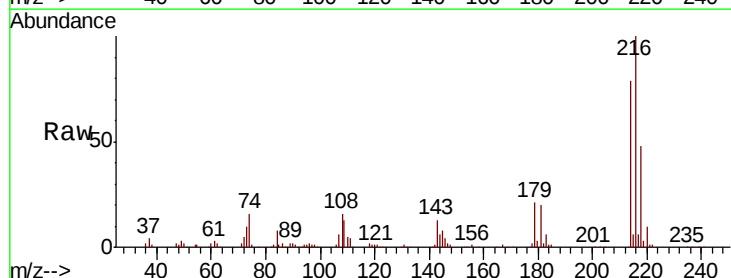
Ion Ratio Lower Upper

216 100

214 79.5 63.8 95.8

179 20.6 16.0 24.0

108 17.4 13.9 20.9

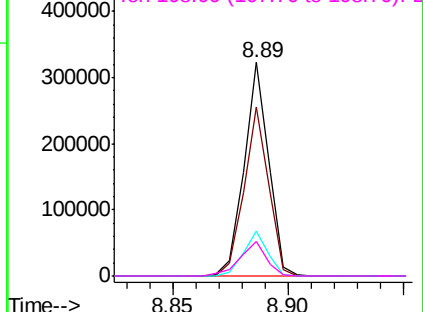
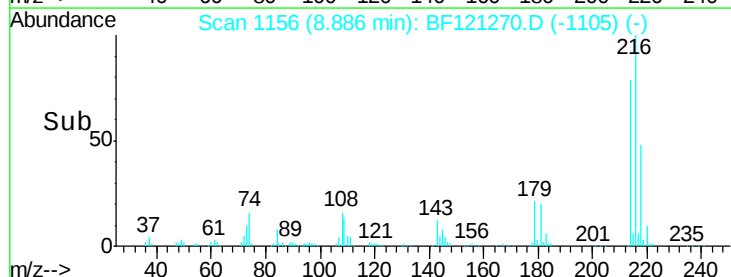


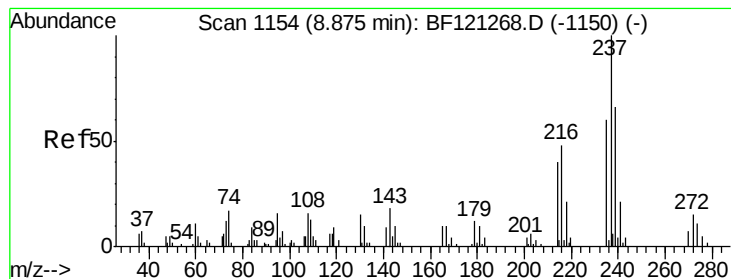
Abundance Ion 216.00 (215.70 to 216.70): E

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: 96.793 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF121270.D

Acq: 13 Aug 2020 13:33

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

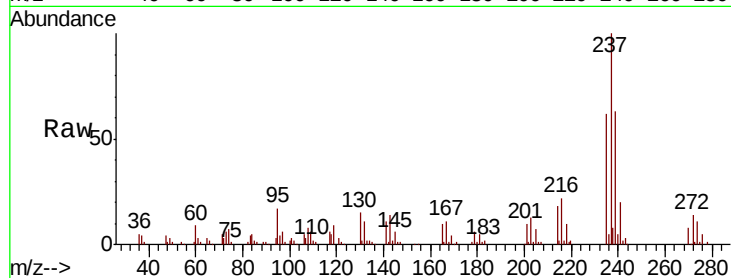
Tot Ion:237 Resp: 83660

Ion Ratio Lower Upper

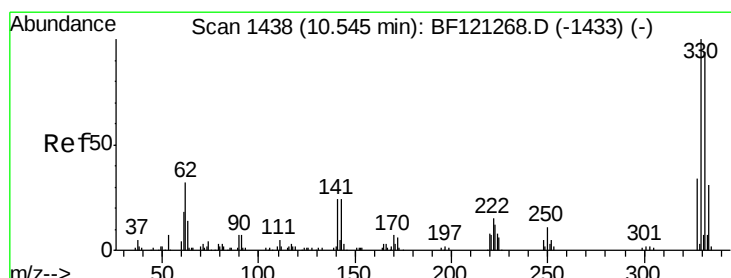
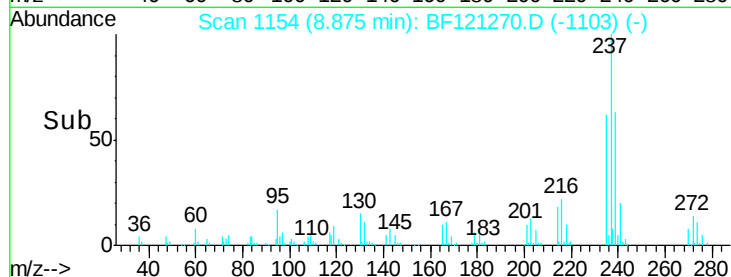
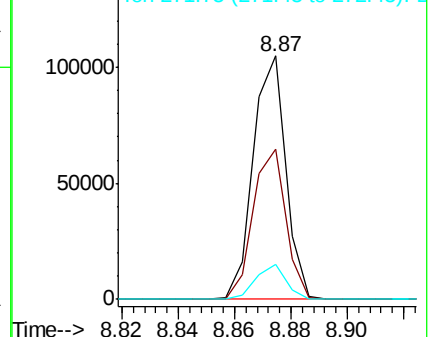
237 100

235 61.8 40.4 80.4

272 14.3 0.0 34.7



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



#42

2,4,6-Tribromophenol

Concen: 124.693 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF121270.D

Acq: 13 Aug 2020 13:33

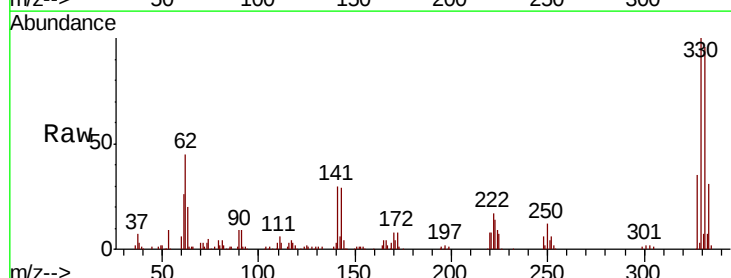
Tgt Ion:330 Resp: 179359

Ion Ratio Lower Upper

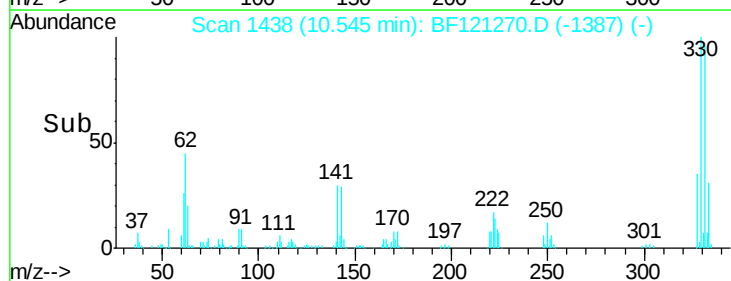
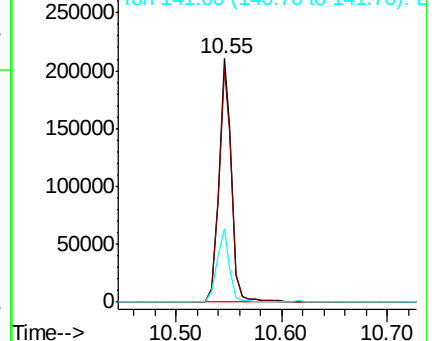
330 100

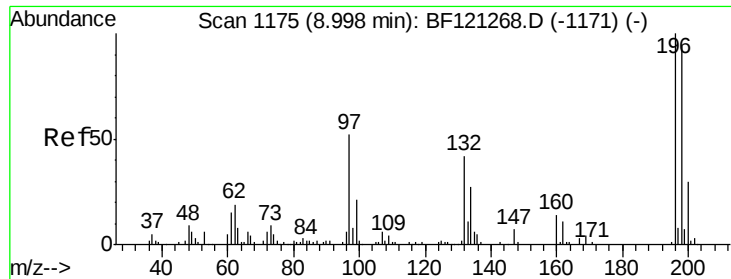
332 96.9 76.2 114.4

141 29.6 24.2 36.4



Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E

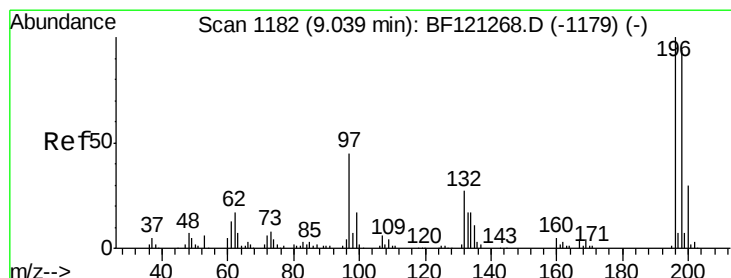
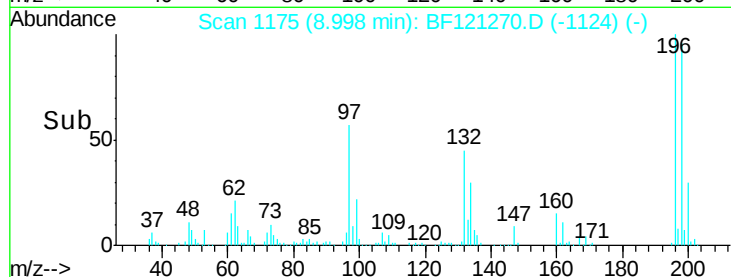
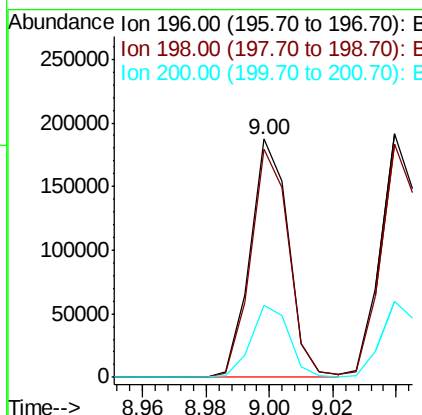
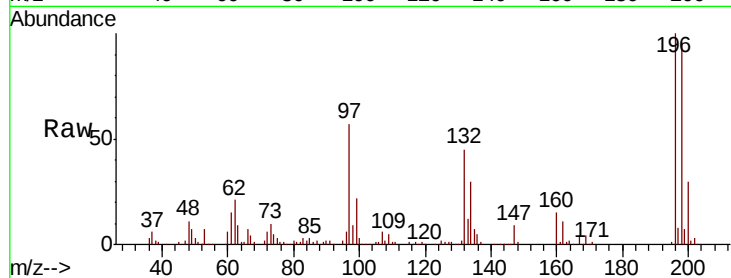




#43  
 2,4,6-Trichlorophenol  
 Concen: 62.991 ng  
 RT: 9.00 min Scan# 1175  
 Delta R.T. -0.00 min  
 Lab File: BF121270.D  
 Acq: 13 Aug 2020 13:33

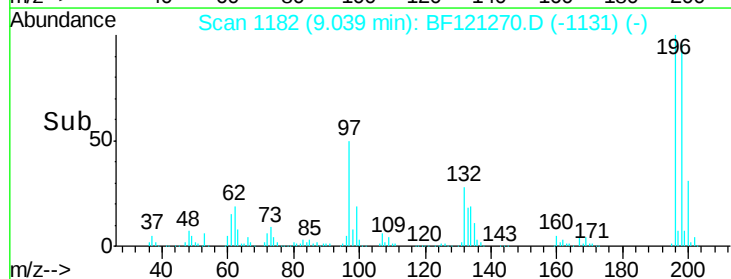
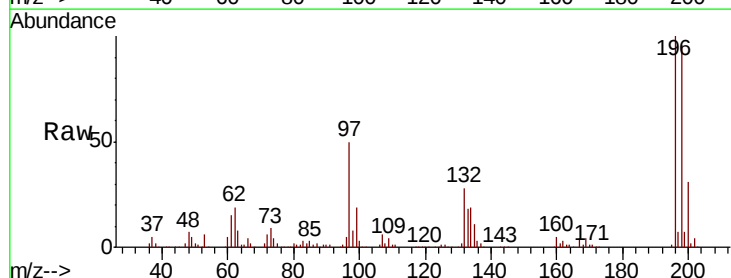
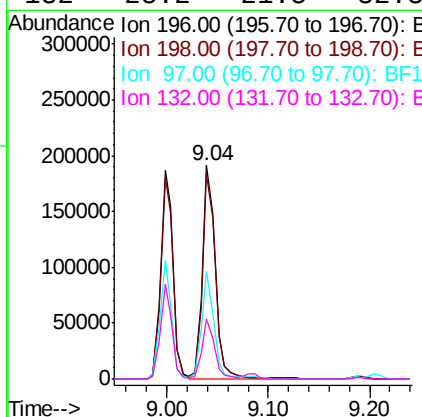
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

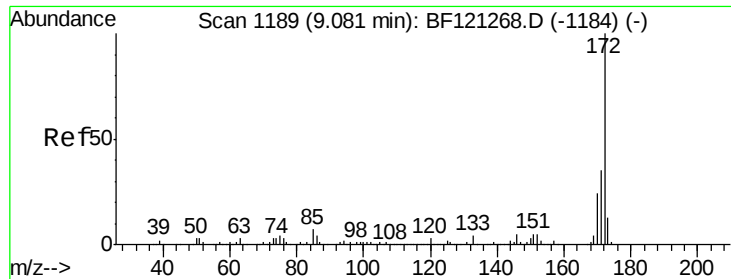
| Tot Ion   | 196   | Resp  | 156705 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 96.0  | 75.1  | 112.7  |
| 200       | 30.3  | 24.2  | 36.2   |



#44  
 2,4,5-Trichlorophenol  
 Concen: 62.924 ng  
 RT: 9.04 min Scan# 1182  
 Delta R.T. -0.00 min  
 Lab File: BF121270.D  
 Acq: 13 Aug 2020 13:33

| Tgt Ion   | 196   | Resp  | 170642 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 96.0  | 75.1  | 112.7  |
| 97        | 50.1  | 36.2  | 54.2   |
| 132       | 28.2  | 21.5  | 32.3   |

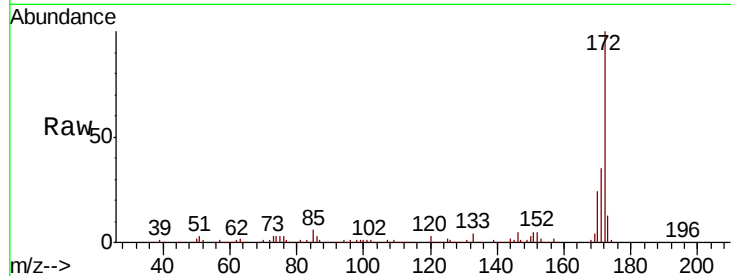




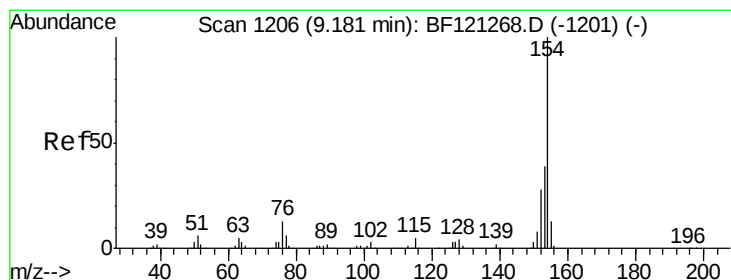
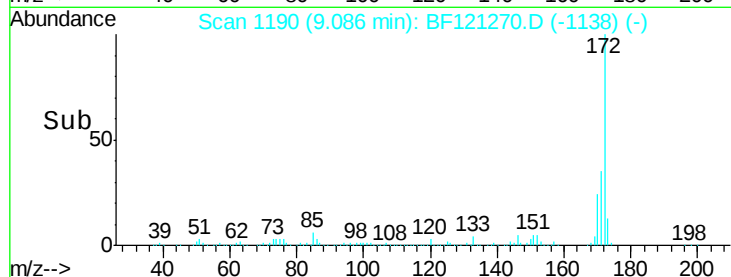
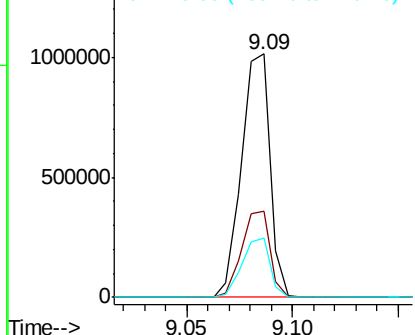
#45  
 2-Fluorobiphenyl  
 Concen: 112.413 ng  
 RT: 9.09 min Scan# 1190  
 Delta R.T. 0.01 min  
 Lab File: BF121270.D  
 Acq: 13 Aug 2020 13:33

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.4  | 28.2  | 42.4  |
| 170     | 24.2  | 18.8  | 28.2  |

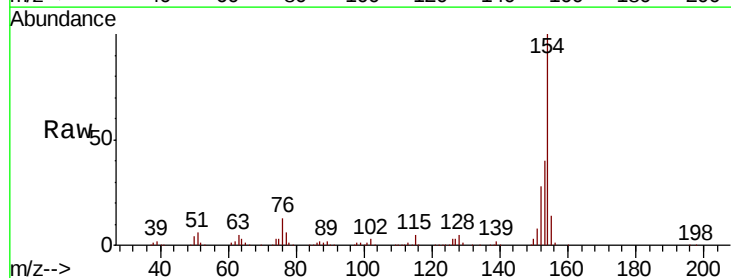


Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

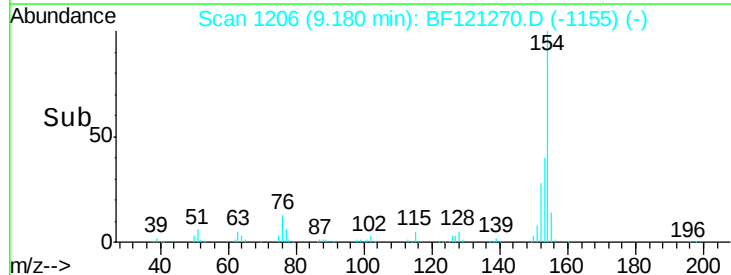
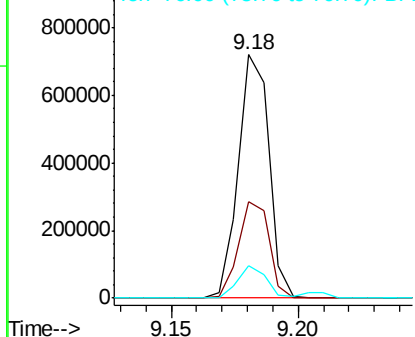


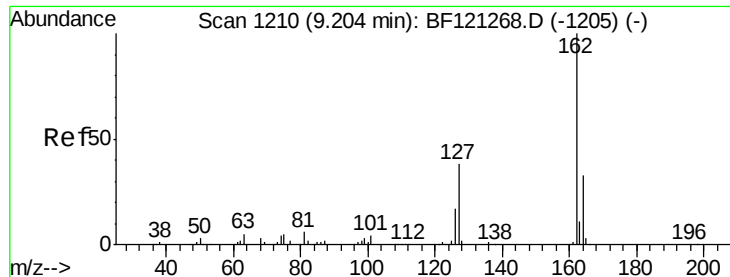
#46  
 1,1'-Biphenyl  
 Concen: 59.616 ng  
 RT: 9.18 min Scan# 1206  
 Delta R.T. -0.00 min  
 Lab File: BF121270.D  
 Acq: 13 Aug 2020 13:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 39.8  | 19.5  | 59.5  |
| 76      | 13.4  | 0.0   | 32.7  |



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

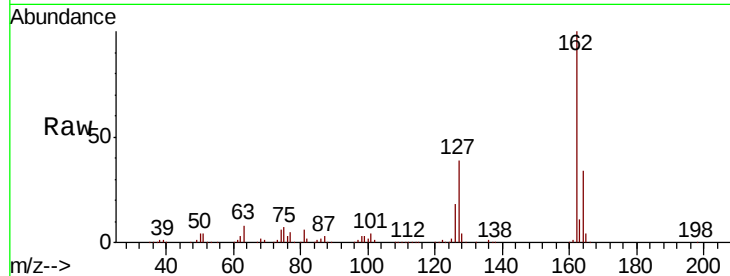




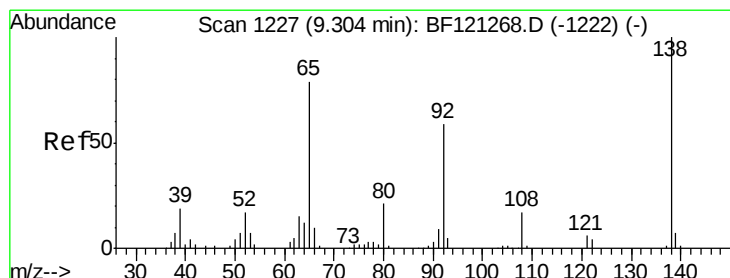
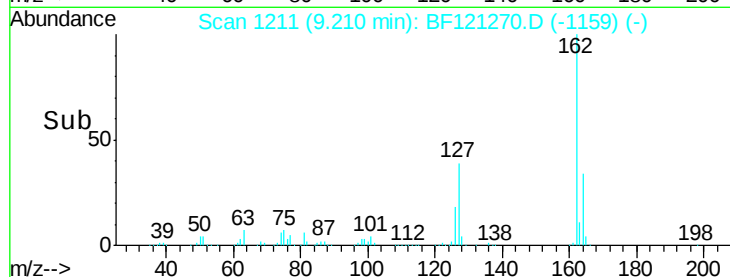
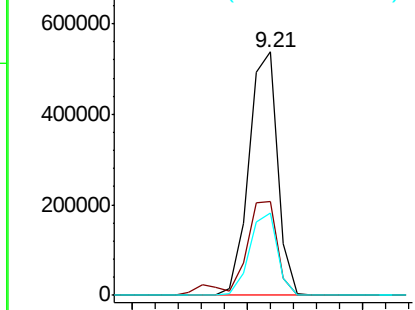
#47  
 2-Chloronaphthalene  
 Concen: 59.612 ng  
 RT: 9.21 min Scan# 1211  
 Delta R.T. 0.01 min  
 Lab File: BF121270.D  
 Acq: 13 Aug 2020 13:33

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Tot Ion:162 Resp: 467374  
 Ion Ratio Lower Upper  
 162 100  
 127 38.6 31.7 47.5  
 164 33.6 26.2 39.2

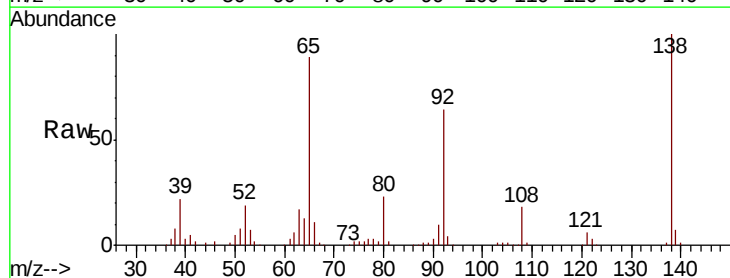


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

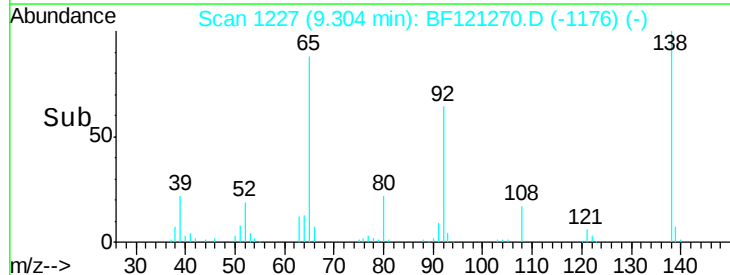
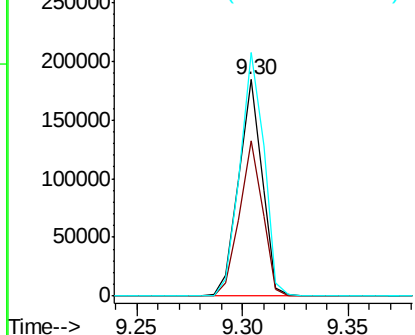


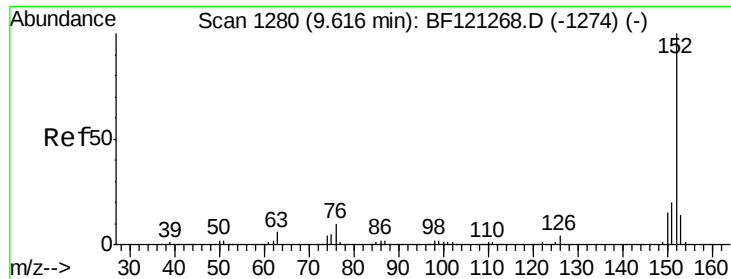
#48  
 2-Nitroaniline  
 Concen: 62.148 ng  
 RT: 9.30 min Scan# 1227  
 Delta R.T. -0.00 min  
 Lab File: BF121270.D  
 Acq: 13 Aug 2020 13:33

Tgt Ion: 65 Resp: 140841  
 Ion Ratio Lower Upper  
 65 100  
 92 71.6 59.6 89.4  
 138 112.7 101.1 151.7



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





#49

Acenaphthylene

Concen: 59.113 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF121270.D

Acq: 13 Aug 2020 13:33

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

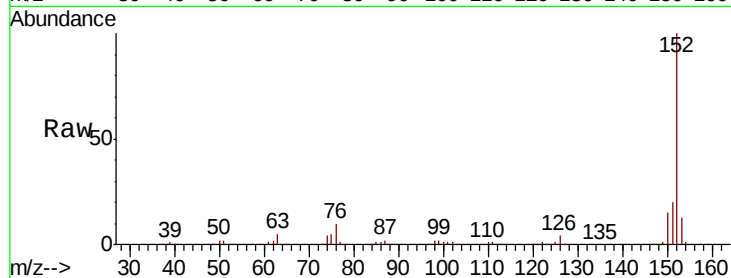
Tot Ion:152 Resp: 738436

Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5

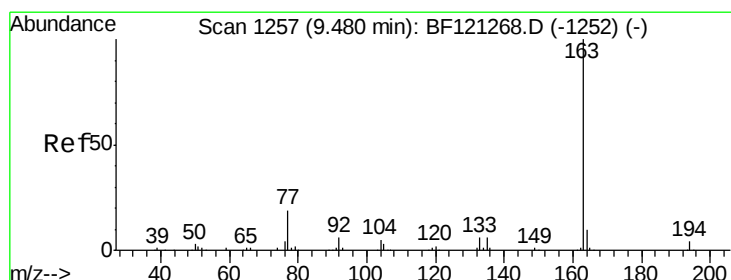
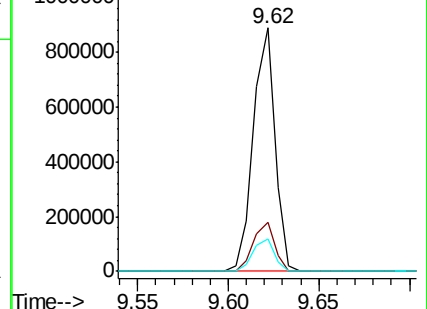
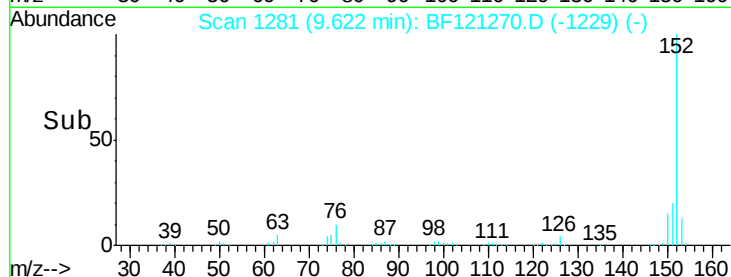
153 13.2 10.9 16.3



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: 58.653 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.01 min

Lab File: BF121270.D

Acq: 13 Aug 2020 13:33

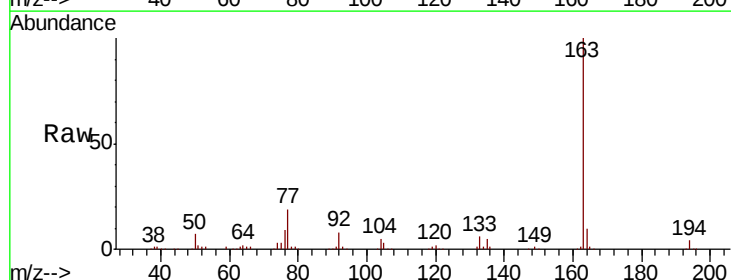
Tgt Ion:163 Resp: 531482

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

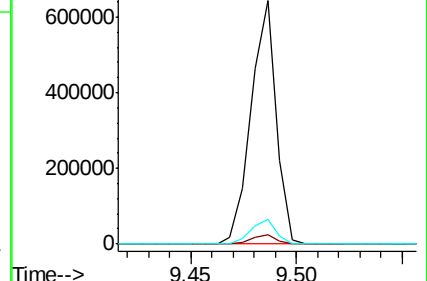
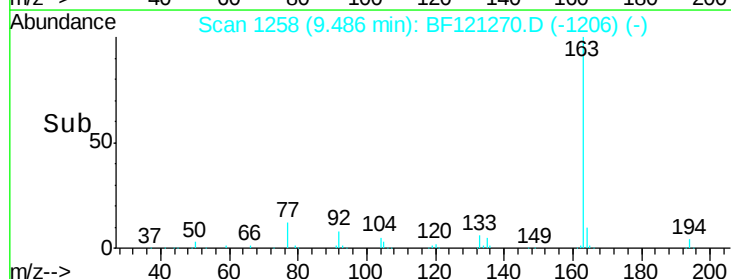
164 10.1 8.3 12.5

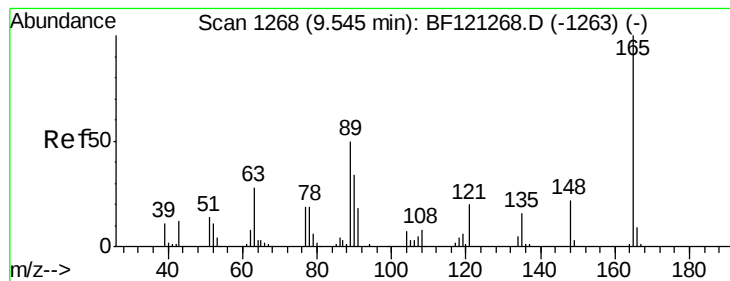


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 62.170 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BF121270.D

Acq: 13 Aug 2020 13:33

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

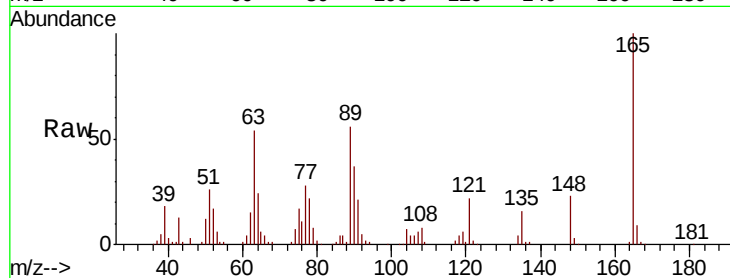
Tot Ion:165 Resp: 126359

Ion Ratio Lower Upper

165 100

63 53.7 37.6 56.4

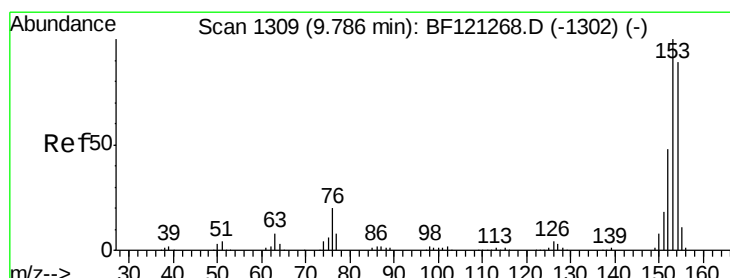
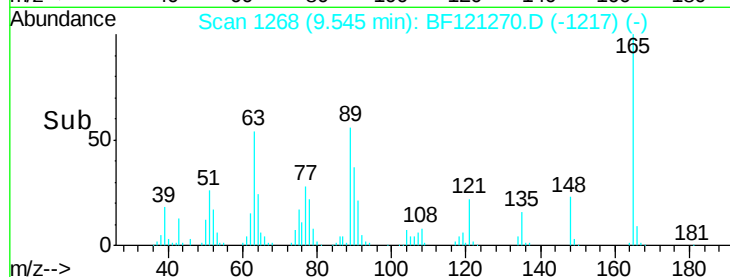
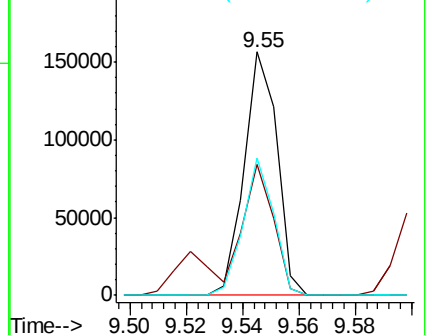
89 56.3 40.2 60.4



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: 59.148 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.01 min

Lab File: BF121270.D

Acq: 13 Aug 2020 13:33

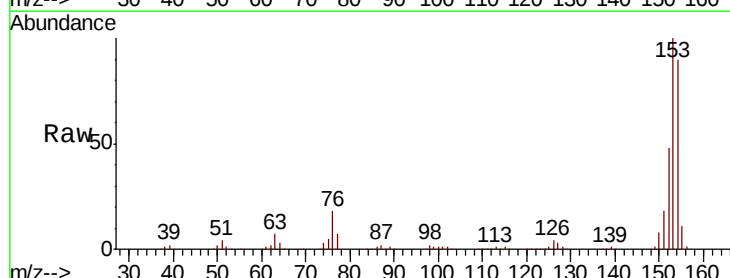
Tgt Ion:154 Resp: 436969

Ion Ratio Lower Upper

154 100

153 111.3 90.1 135.1

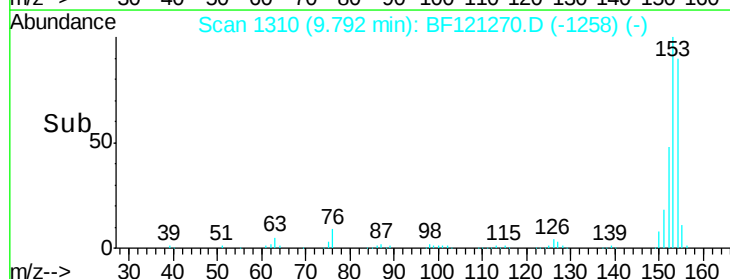
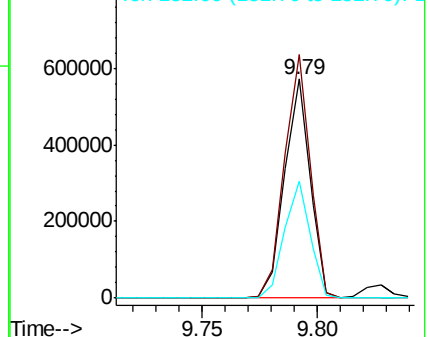
152 53.6 43.2 64.8

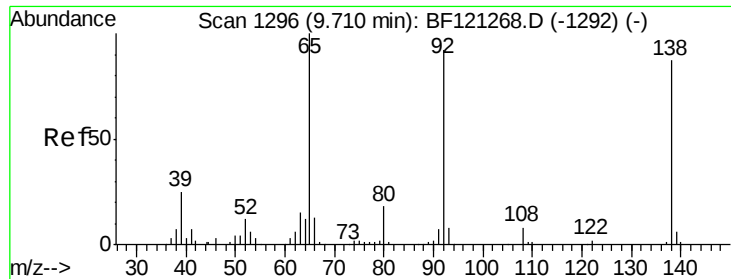


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

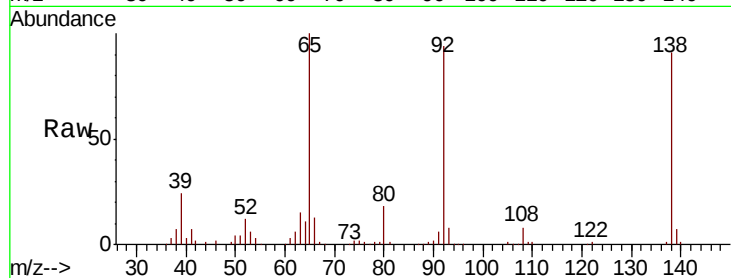




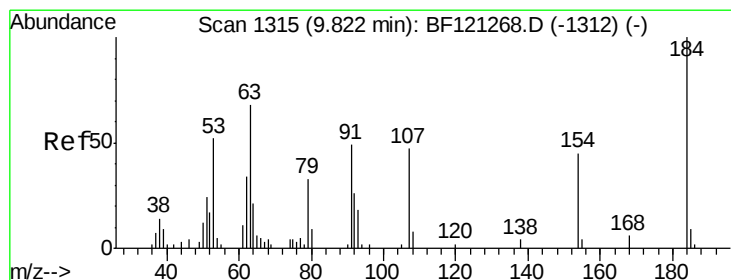
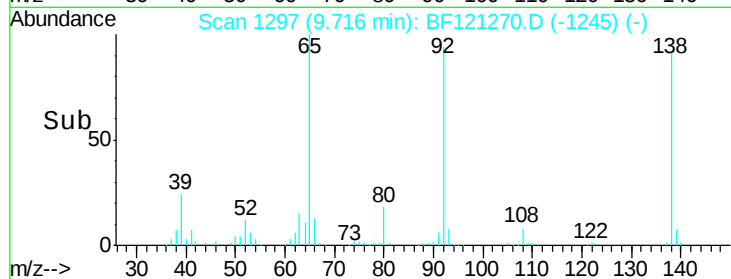
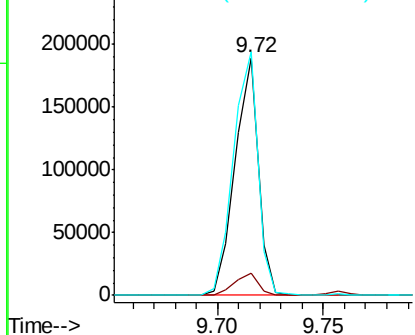
#53  
3-Nitroaniline  
Concen: 62.405 ng  
RT: 9.72 min Scan# 1297  
Delta R.T. 0.01 min  
Lab File: BF121270.D  
Acq: 13 Aug 2020 13:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

Tot Ion:138 Resp: 143726  
Ion Ratio Lower Upper  
138 100  
108 9.2 7.6 11.4  
92 102.6 84.3 126.5

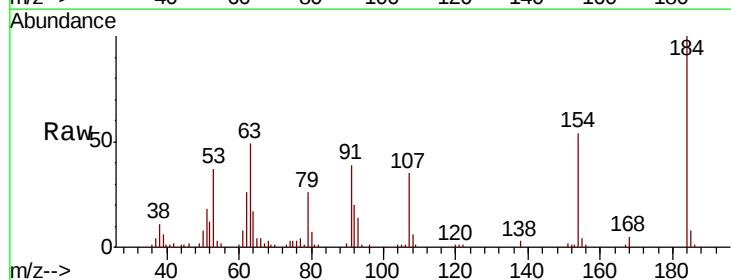


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

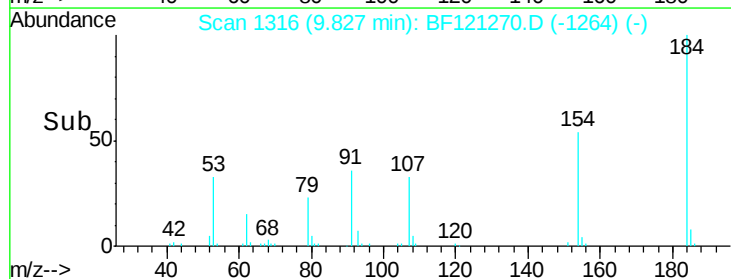
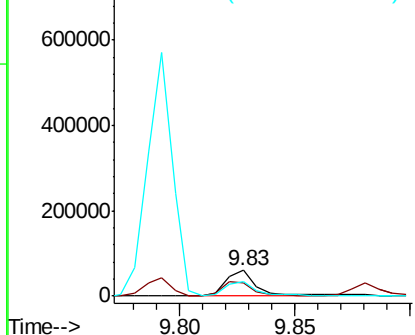


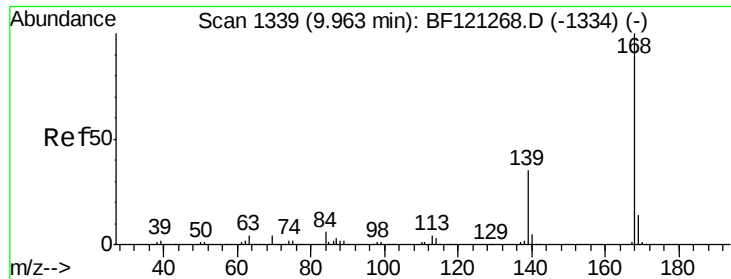
#54  
2,4-Dinitrophenol  
Concen: 82.688 ng  
RT: 9.83 min Scan# 1316  
Delta R.T. 0.01 min  
Lab File: BF121270.D  
Acq: 13 Aug 2020 13:33

Tgt Ion:184 Resp: 56050  
Ion Ratio Lower Upper  
184 100  
63 49.3 54.0 81.0#  
154 54.2 48.5 72.7



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

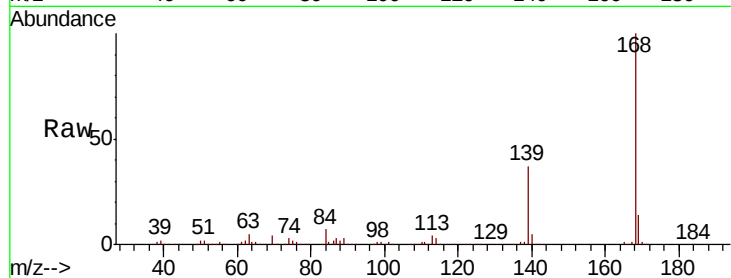




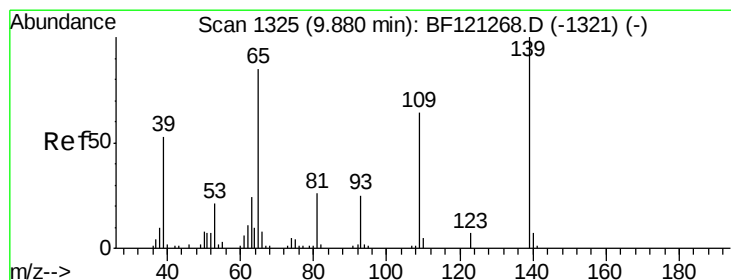
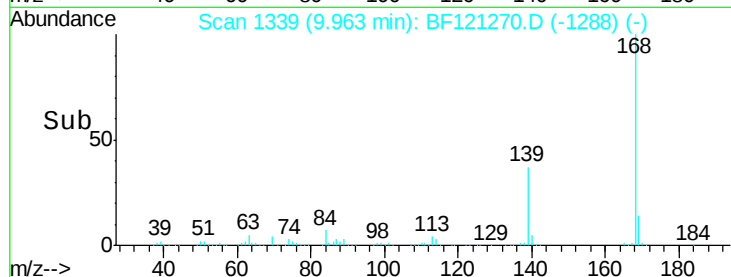
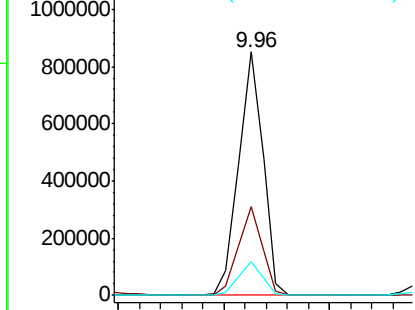
#55  
Dibenzenofuran  
Concen: 57.894 ng  
RT: 9.96 min Scan# 1339  
Delta R.T. -0.00 min  
Lab File: BF121270.D  
Acq: 13 Aug 2020 13:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

Tot Ion:168 Resp: 677696  
Ion Ratio Lower Upper  
168 100  
139 36.6 28.2 42.4  
169 13.8 10.8 16.2

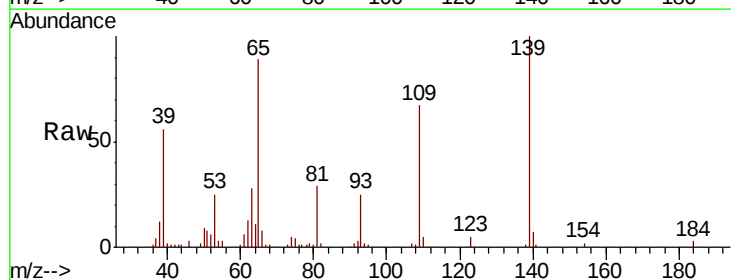


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

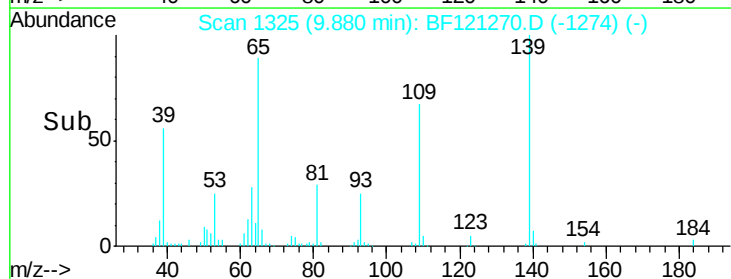
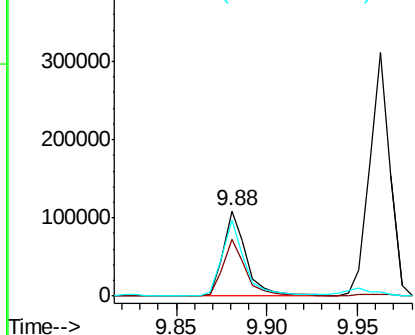


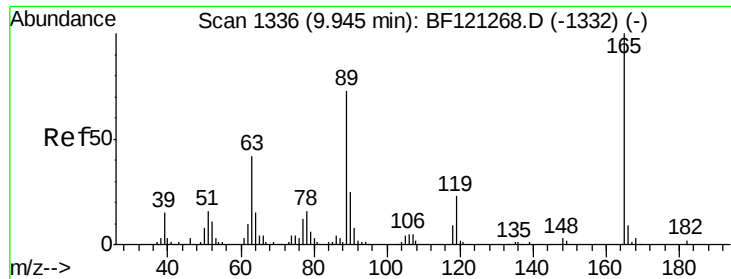
#56  
4-Nitrophenol  
Concen: 74.513 ng  
RT: 9.88 min Scan# 1325  
Delta R.T. -0.00 min  
Lab File: BF121270.D  
Acq: 13 Aug 2020 13:33

Tgt Ion:139 Resp: 97362  
Ion Ratio Lower Upper  
139 100  
109 66.8 44.4 84.4  
65 88.8 64.9 104.9



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

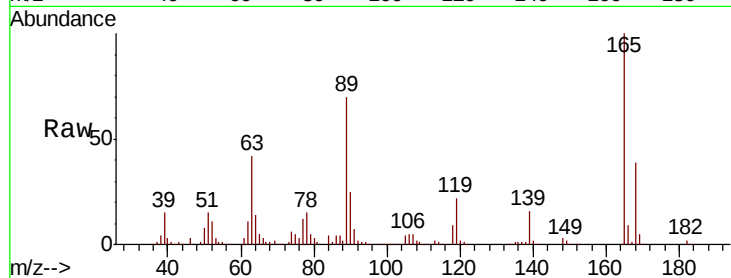




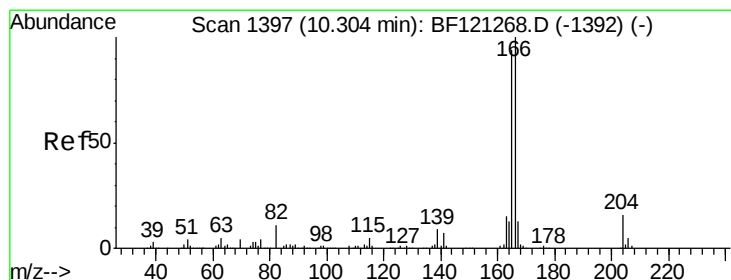
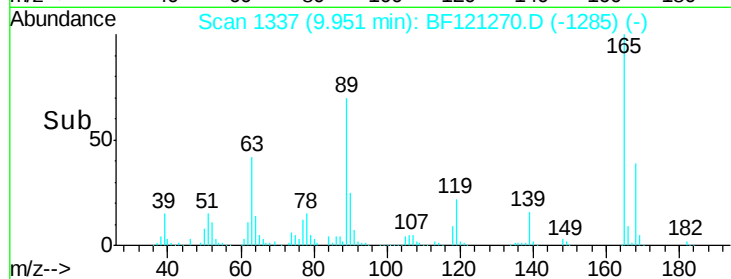
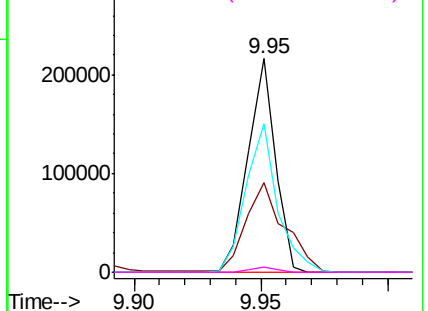
#57  
2,4-Dinitrotoluene  
Concen: 62.395 ng  
RT: 9.95 min Scan# 1337  
Delta R.T. 0.01 min  
Lab File: BF121270.D  
Acq: 13 Aug 2020 13:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:165 | Resp: | 164167    |
| Ion Ratio   | Lower | Upper     |
| 165         | 100   |           |
| 63          | 41.8  | 34.4 51.6 |
| 89          | 69.6  | 58.2 87.4 |
| 182         | 2.2   | 1.9 2.9   |

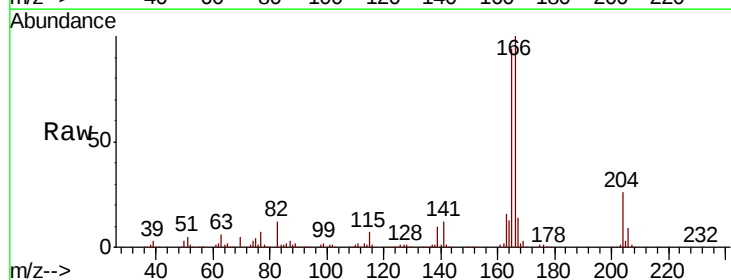


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1  
Ion 182.00 (181.70 to 182.70): E

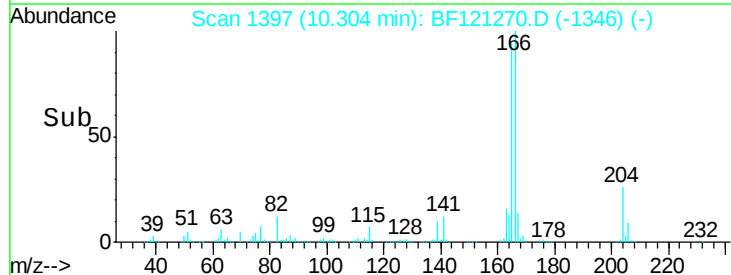
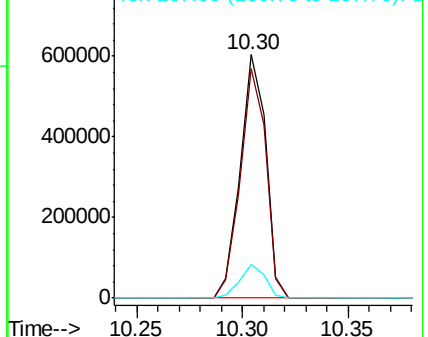


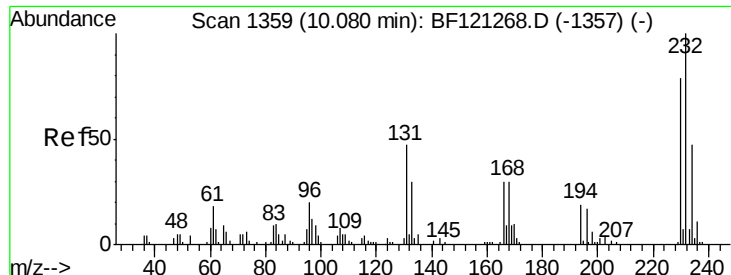
#58  
Fluorene  
Concen: 57.050 ng  
RT: 10.30 min Scan# 1397  
Delta R.T. -0.00 min  
Lab File: BF121270.D  
Acq: 13 Aug 2020 13:33

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:166 | Resp: | 507468     |
| Ion Ratio   | Lower | Upper      |
| 166         | 100   |            |
| 165         | 94.1  | 75.5 113.3 |
| 167         | 13.6  | 10.8 16.2  |



Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E

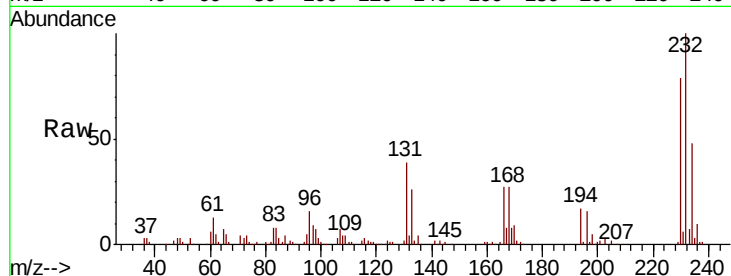




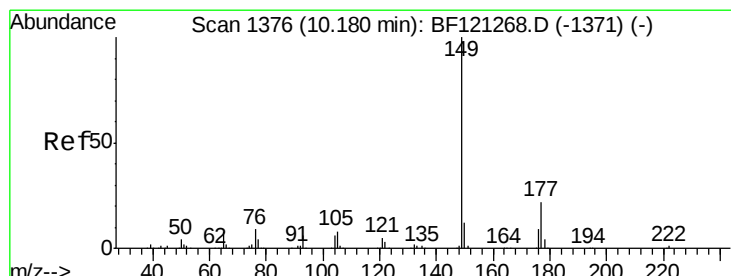
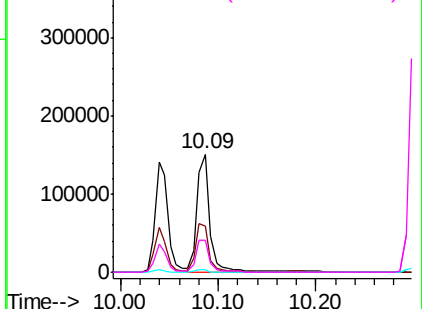
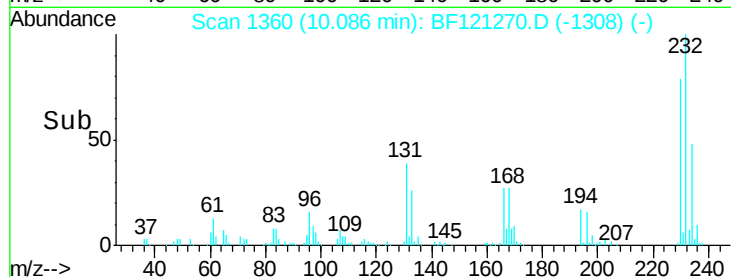
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 65.322 ng  
 RT: 10.09 min Scan# 1360  
 Delta R.T. 0.01 min  
 Lab File: BF121270.D  
 Acq: 13 Aug 2020 13:33

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 138426 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 44.2  | 37.4  | 56.2   |
| 130      | 2.0   | 1.7   | 2.5    |
| 166      | 28.5  | 23.9  | 35.9   |

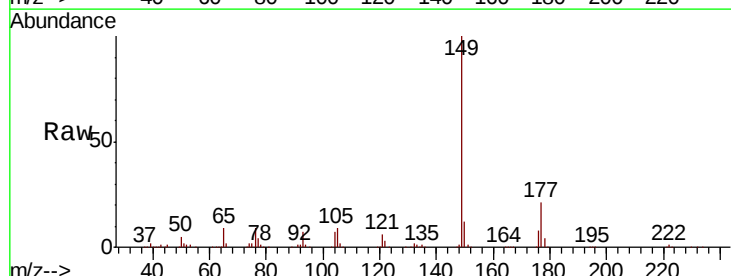


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

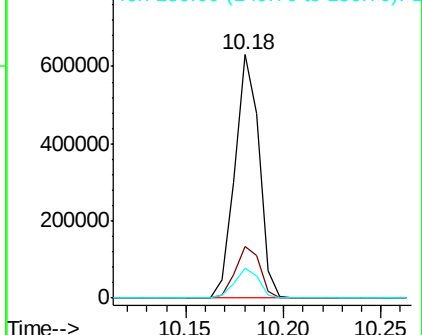
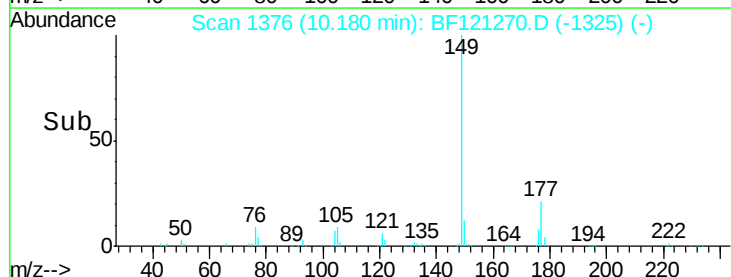


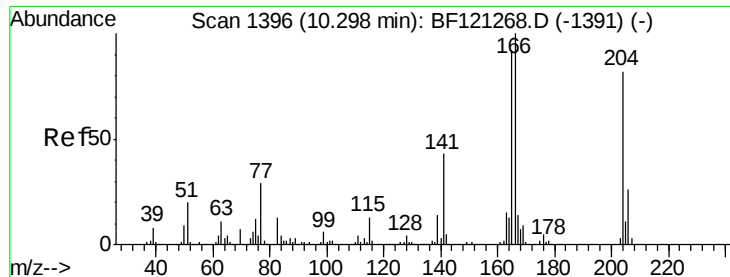
#60  
 Diethylphthalate  
 Concen: 58.962 ng  
 RT: 10.18 min Scan# 1376  
 Delta R.T. -0.00 min  
 Lab File: BF121270.D  
 Acq: 13 Aug 2020 13:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 541060 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 21.5  | 17.7  | 26.5   |
| 150      | 12.5  | 9.4   | 14.2   |



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

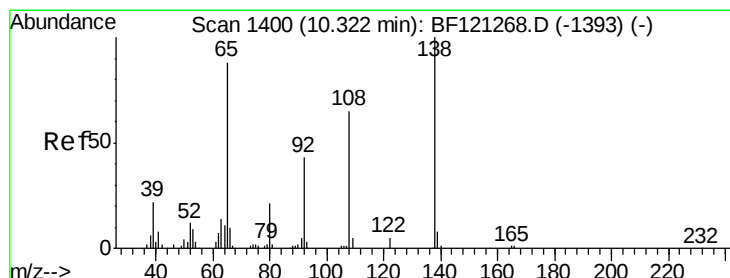
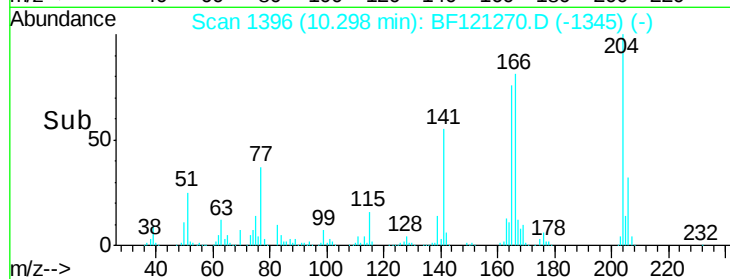
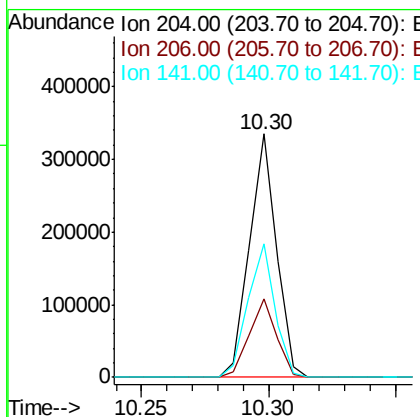
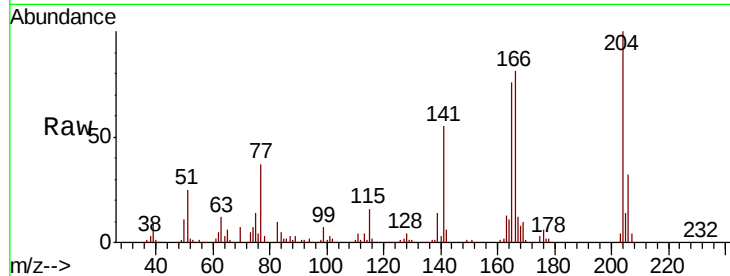




#61  
4-Chlorophenyl-phenylether  
Concen: 56.908 ng  
RT: 10.30 min Scan# 1396  
Delta R.T. -0.00 min  
Lab File: BF121270.D  
Acq: 13 Aug 2020 13:33

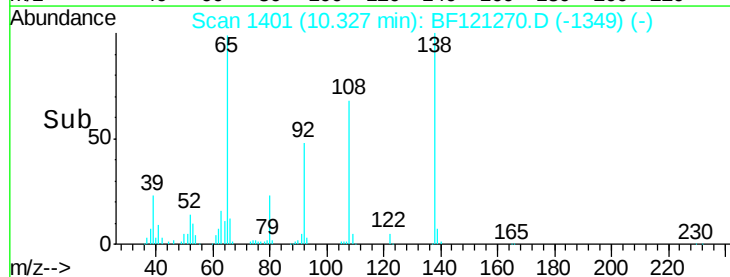
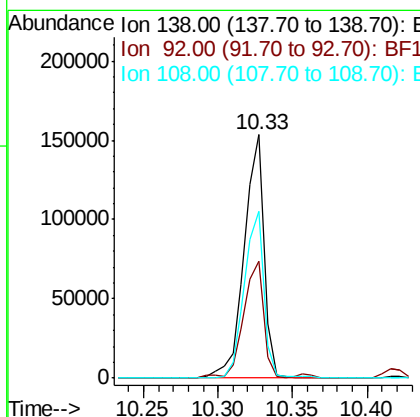
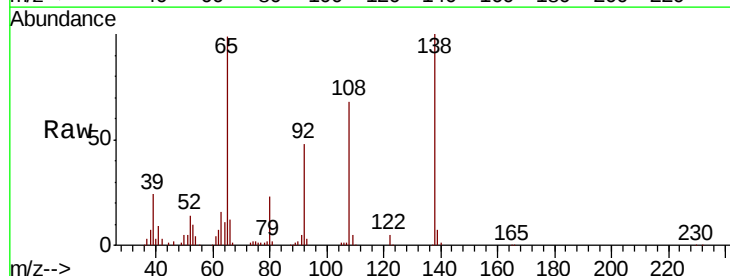
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

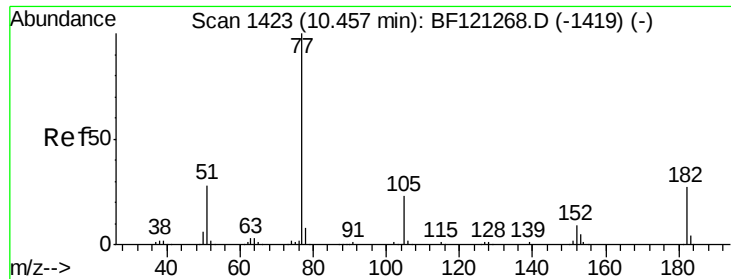
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.3  | 25.4  | 38.2  |
| 141     | 54.8  | 42.0  | 63.0  |



#62  
4-Nitroaniline  
Concen: 61.242 ng  
RT: 10.33 min Scan# 1401  
Delta R.T. 0.01 min  
Lab File: BF121270.D  
Acq: 13 Aug 2020 13:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 47.8  | 23.1  | 63.1  |
| 108     | 68.3  | 45.3  | 85.3  |





#63

Azobenzene

Concen: 58.705 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BF121270.D

Acq: 13 Aug 2020 13:33

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tot Ion: 77 Resp: 536274

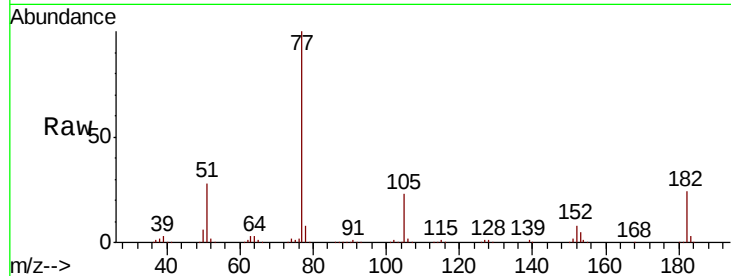
Ion Ratio Lower Upper

77 100

182 23.7 6.5 46.5

105 22.9 3.4 43.4

51 28.4 8.0 48.0

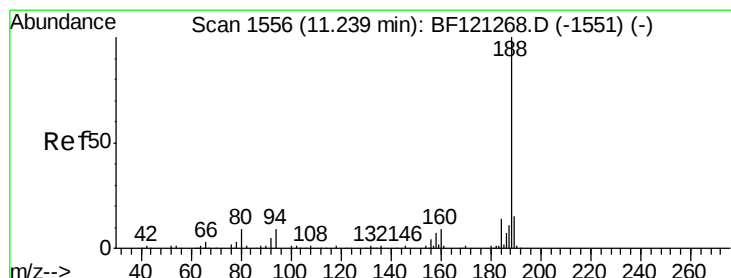
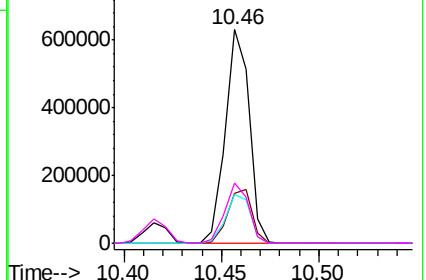
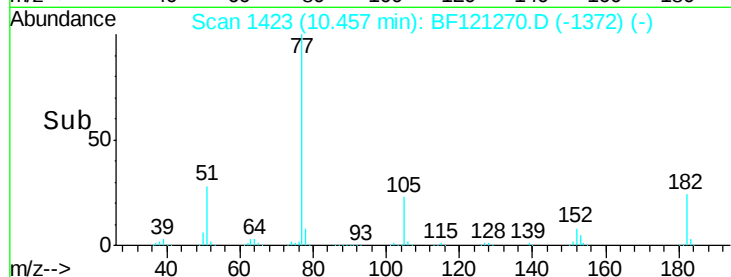


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.00 min

Lab File: BF121270.D

Acq: 13 Aug 2020 13:33

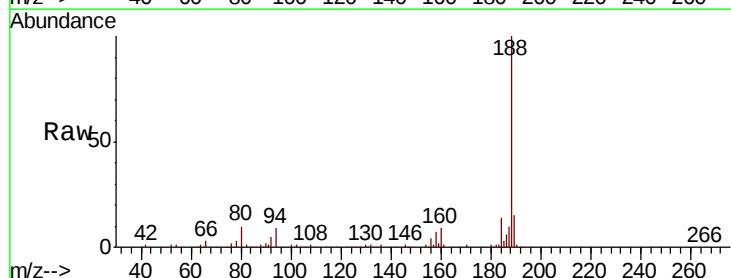
Tgt Ion: 188 Resp: 234411

Ion Ratio Lower Upper

188 100

94 9.1 6.8 10.2

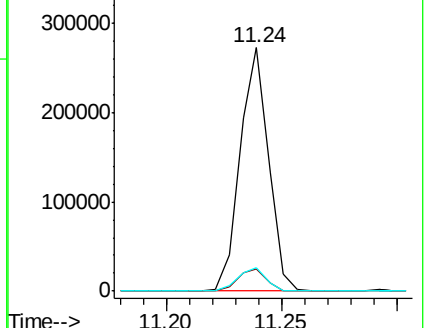
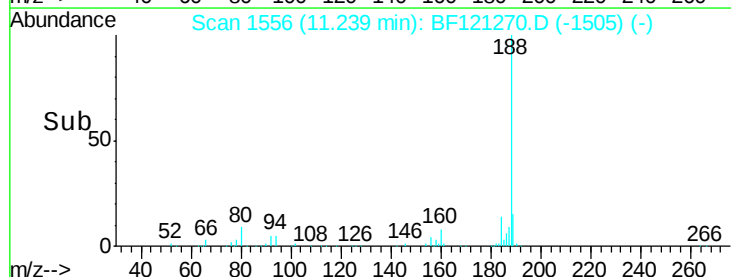
80 9.6 7.1 10.7

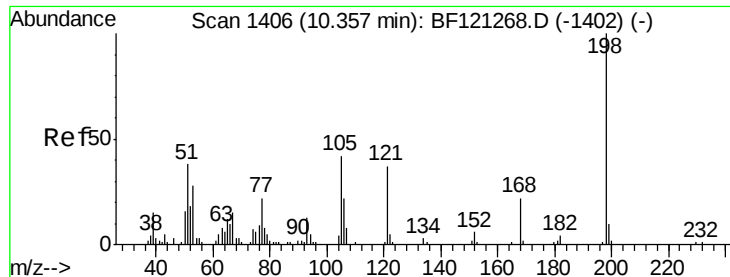


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

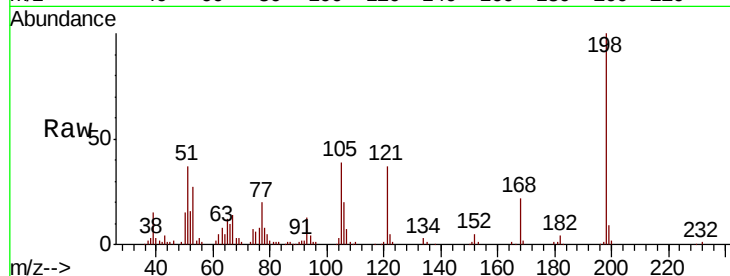




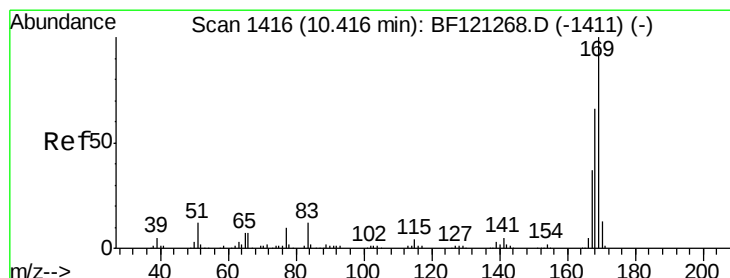
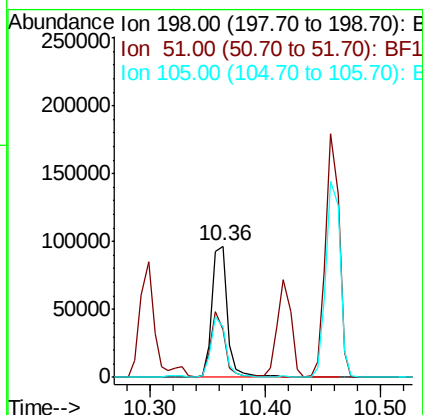
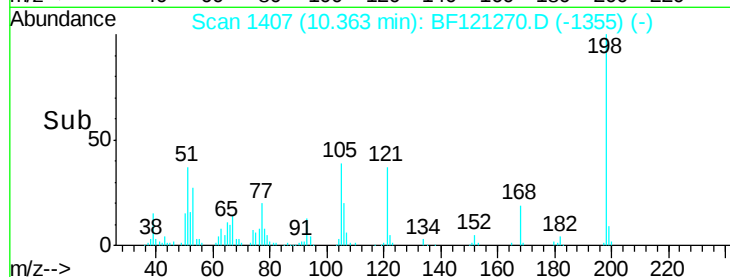
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 72.537 ng  
 RT: 10.36 min Scan# 1407  
 Delta R.T. 0.01 min  
 Lab File: BF121270.D  
 Acq: 13 Aug 2020 13:33

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Tot Ion:198 Resp: 90079  
 Ion Ratio Lower Upper  
 198 100  
 51 36.7 17.5 57.5  
 105 38.5 21.8 61.8

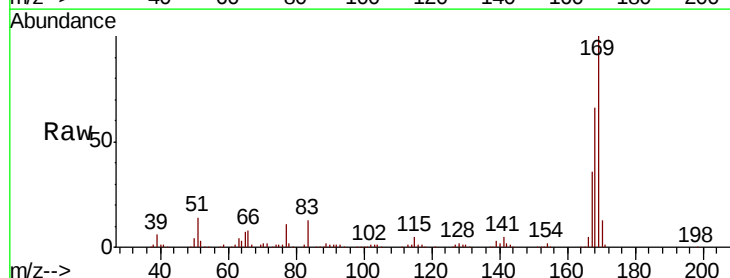


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BF1  
 Ion 105.00 (104.70 to 105.70): E

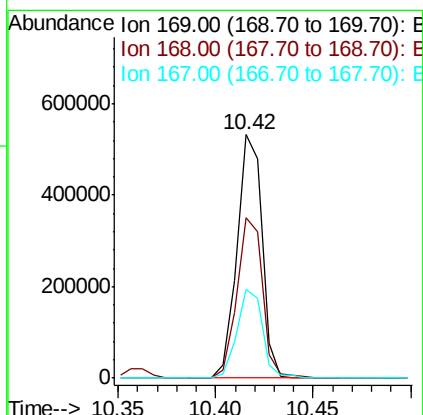
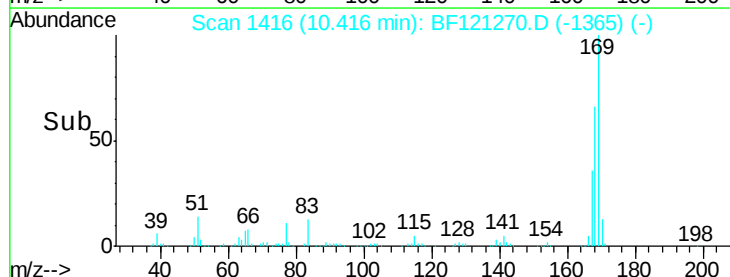


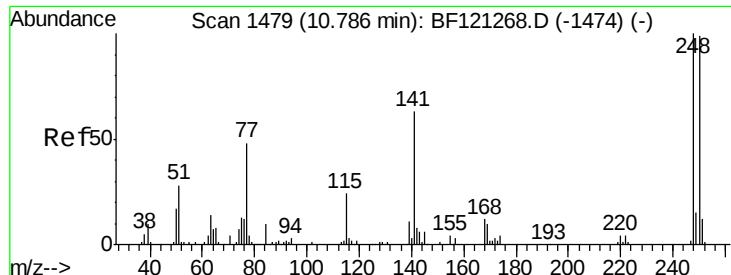
#66  
 n-Nitrosodiphenylamine  
 Concen: 59.212 ng  
 RT: 10.42 min Scan# 1416  
 Delta R.T. -0.00 min  
 Lab File: BF121270.D  
 Acq: 13 Aug 2020 13:33

Tgt Ion:169 Resp: 473338  
 Ion Ratio Lower Upper  
 169 100  
 168 66.1 53.2 79.8  
 167 36.2 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

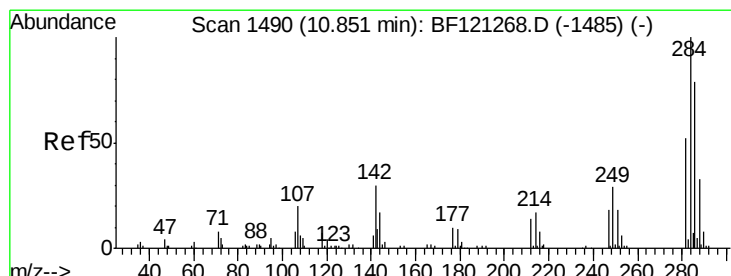
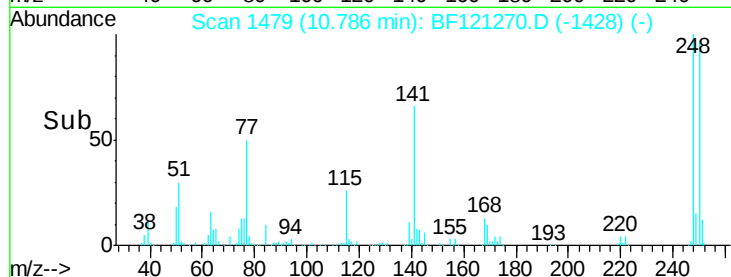
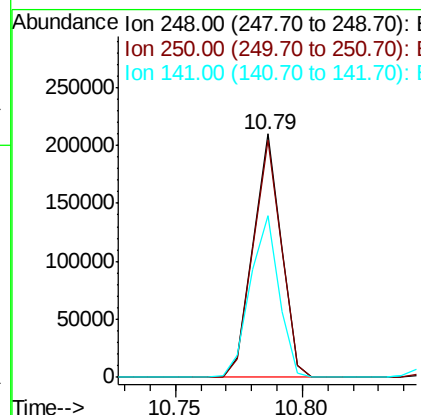
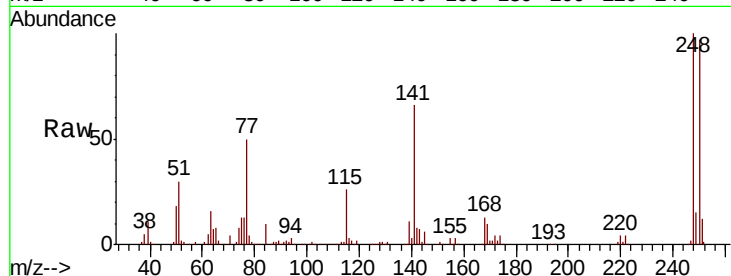




#67  
 4-Bromophenyl-phenylether  
 Concen: 60.098 ng  
 RT: 10.79 min Scan# 1479  
 Delta R.T. -0.00 min  
 Lab File: BF121270.D  
 Acq: 13 Aug 2020 13:33

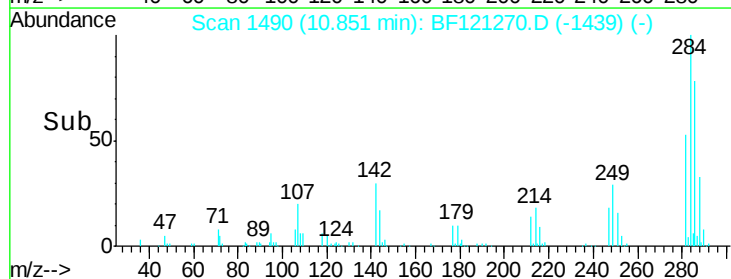
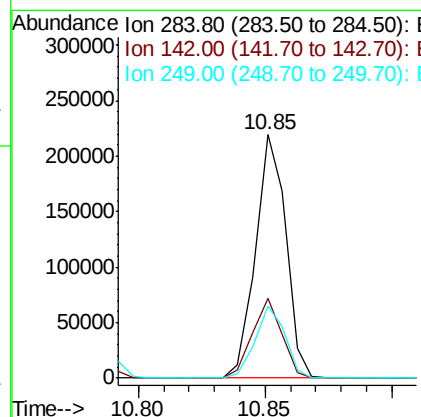
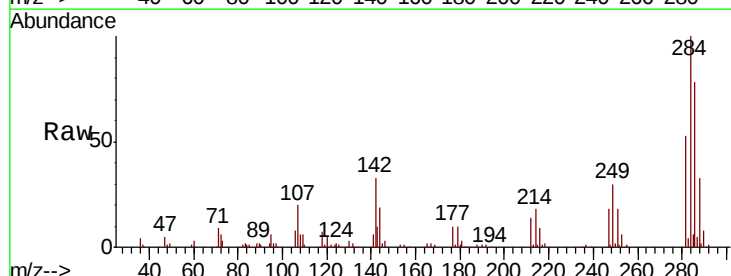
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

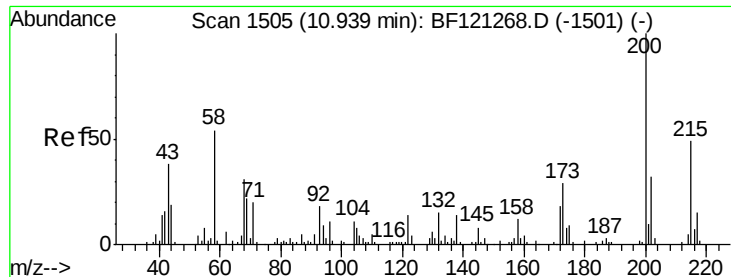
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.3  | 79.4  | 119.0 |
| 141     | 66.2  | 50.6  | 76.0  |



#68  
 Hexachlorobenzene  
 Concen: 59.998 ng  
 RT: 10.85 min Scan# 1490  
 Delta R.T. -0.00 min  
 Lab File: BF121270.D  
 Acq: 13 Aug 2020 13:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 33.0  | 24.2  | 36.4  |
| 249     | 29.6  | 23.0  | 34.6  |

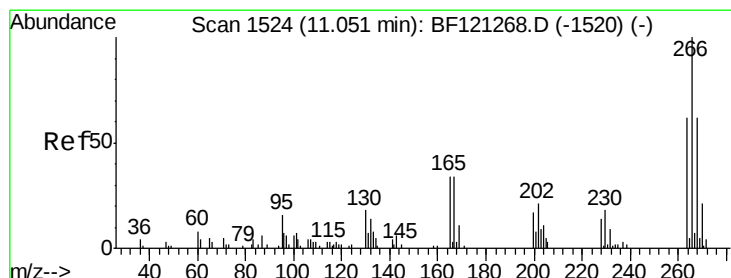
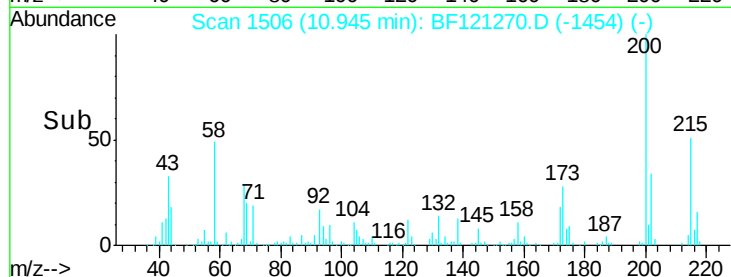
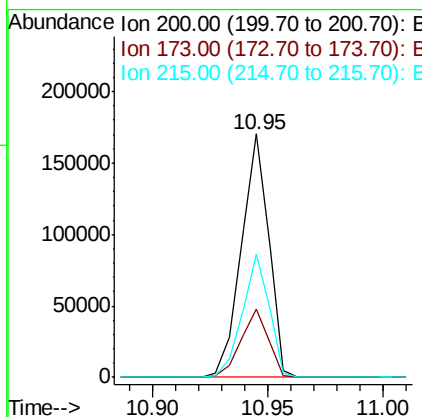
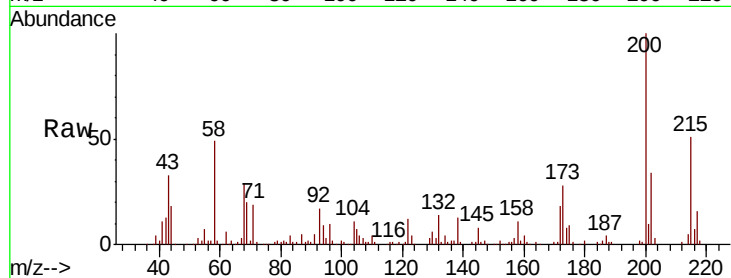




#69  
 Atrazine  
 Concen: 57.819 ng  
 RT: 10.95 min Scan# 1506  
 Delta R.T. 0.01 min  
 Lab File: BF121270.D  
 Acq: 13 Aug 2020 13:33

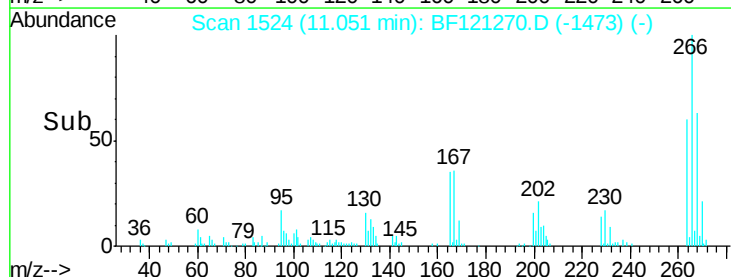
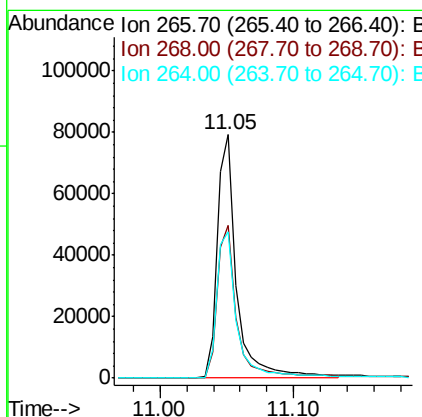
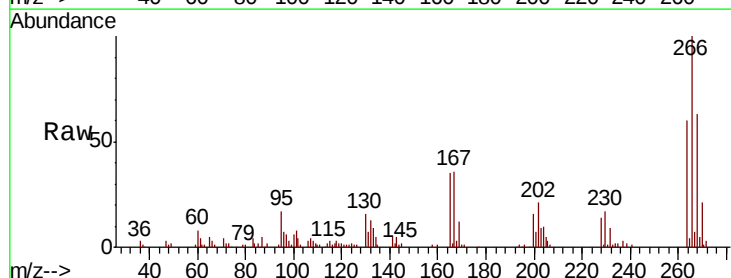
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

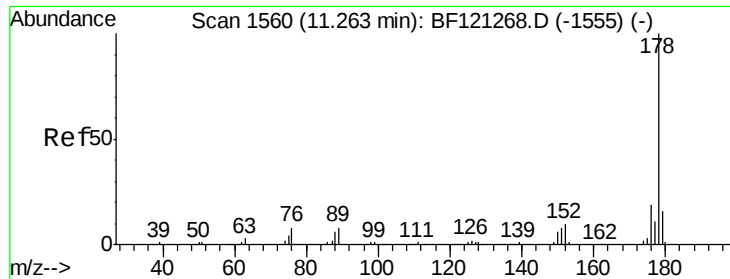
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 28.3  | 9.4   | 49.4  |
| 215     | 50.8  | 29.5  | 69.5  |



#70  
 Pentachlorophenol  
 Concen: 82.112 ng  
 RT: 11.05 min Scan# 1524  
 Delta R.T. -0.00 min  
 Lab File: BF121270.D  
 Acq: 13 Aug 2020 13:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.0  | 49.7  | 74.5  |
| 264     | 60.2  | 49.4  | 74.2  |

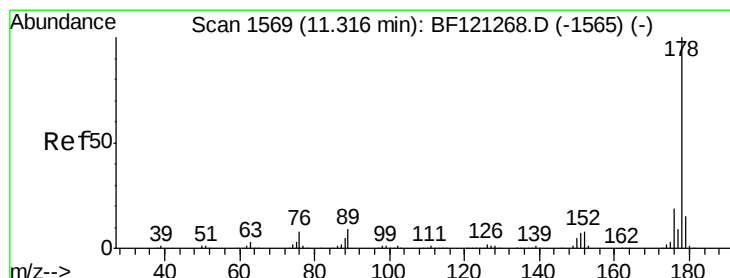
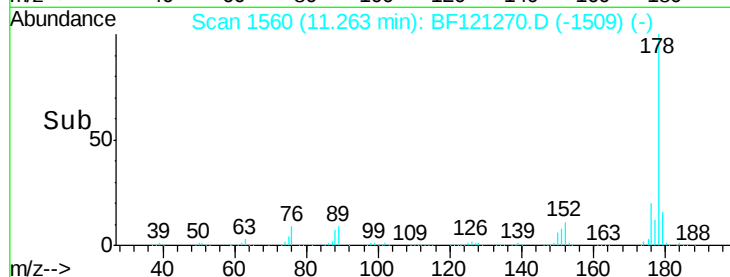
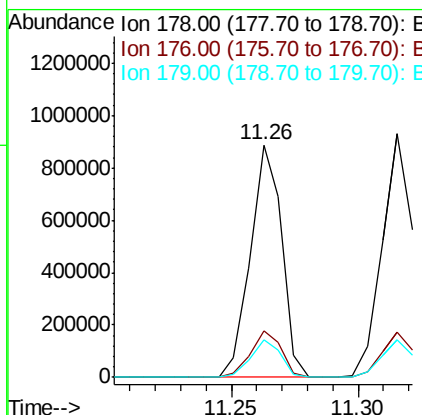
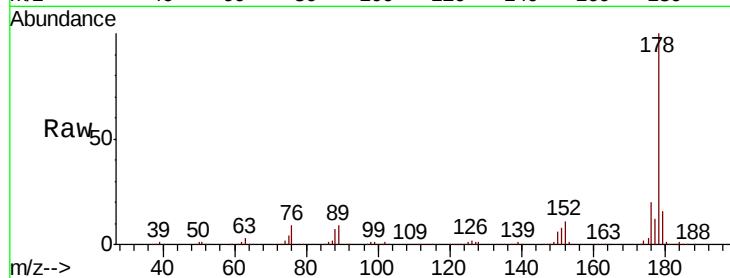




#71  
 Phenanthrene  
 Concen: 57.863 ng  
 RT: 11.26 min Scan# 1560  
 Delta R.T. -0.00 min  
 Lab File: BF121270.D  
 Acq: 13 Aug 2020 13:33

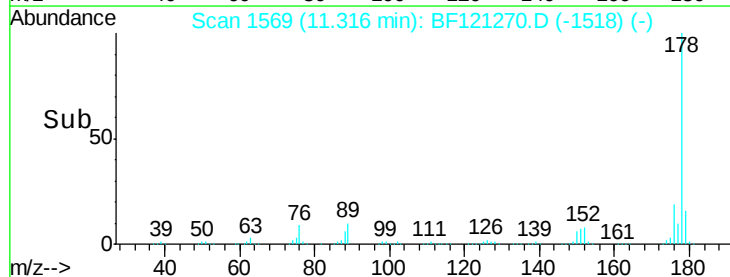
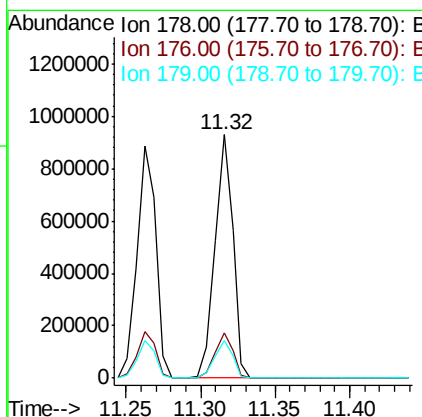
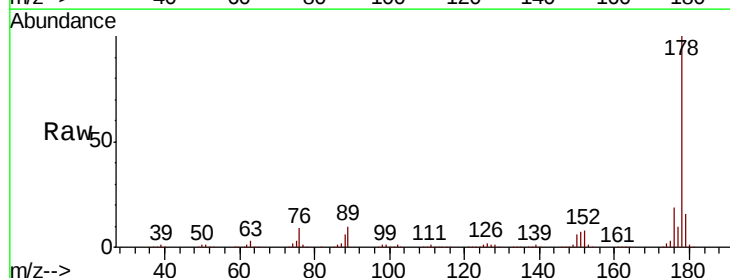
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

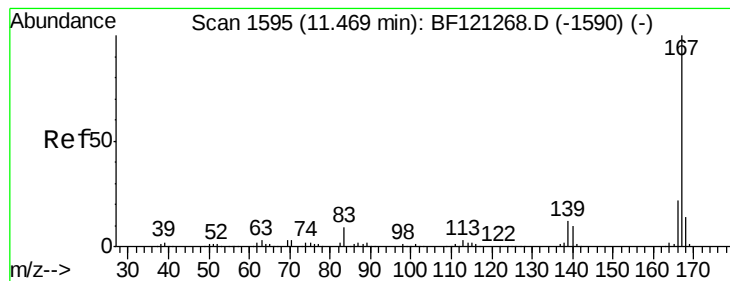
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.0  | 15.5  | 23.3  |
| 179     | 16.1  | 12.4  | 18.6  |



#72  
 Anthracene  
 Concen: 58.832 ng  
 RT: 11.32 min Scan# 1569  
 Delta R.T. -0.00 min  
 Lab File: BF121270.D  
 Acq: 13 Aug 2020 13:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.8  | 15.1  | 22.7  |
| 179     | 15.6  | 12.2  | 18.4  |





#73

Carbazole

Concen: 58.224 ng

RT: 11.47 min Scan# 1596

Delta R.T. 0.01 min

Lab File: BF121270.D

Acq: 13 Aug 2020 13:33

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

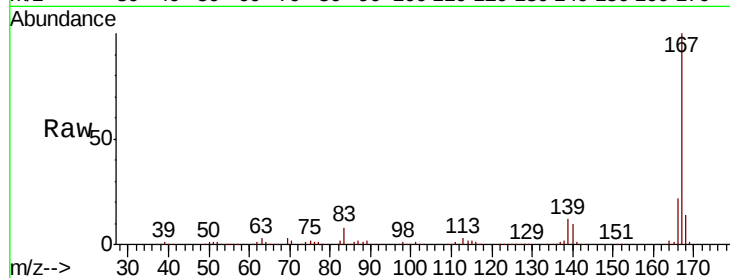
Tot Ion:167 Resp: 759780

Ion Ratio Lower Upper

167 100

166 22.3 17.2 25.8

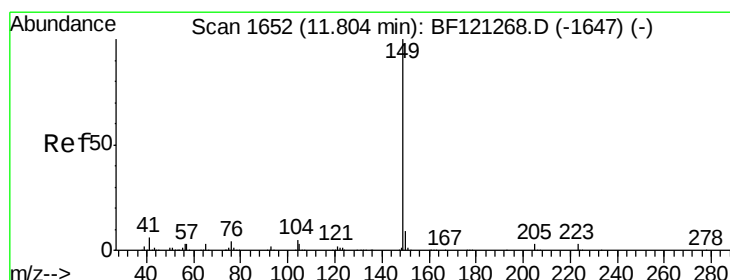
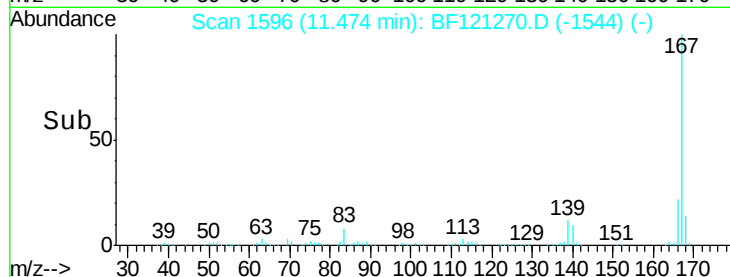
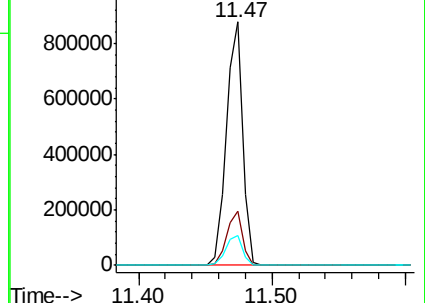
139 12.3 9.9 14.9



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: 58.527 ng

RT: 11.80 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BF121270.D

Acq: 13 Aug 2020 13:33

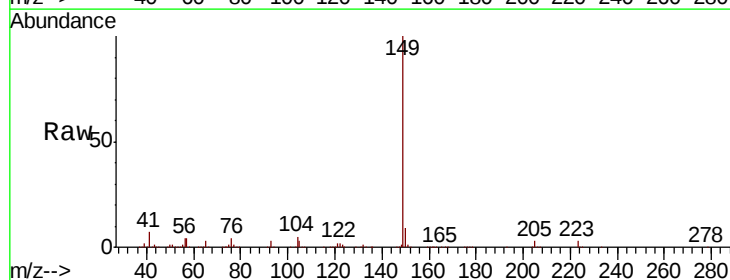
Tgt Ion:149 Resp: 880305

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

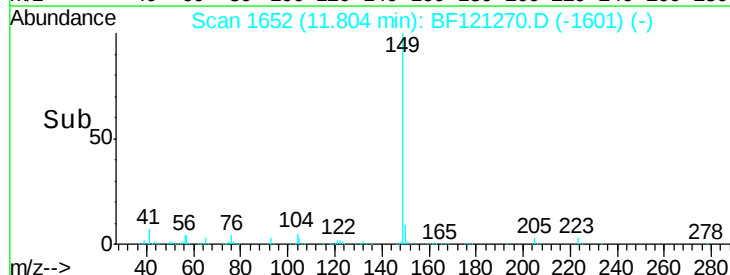
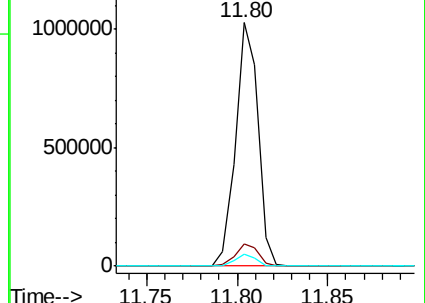
104 4.8 3.6 5.4

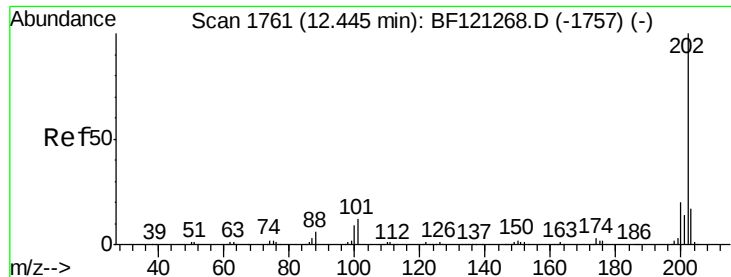


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

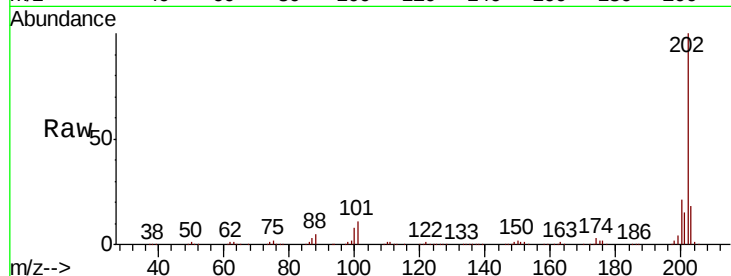




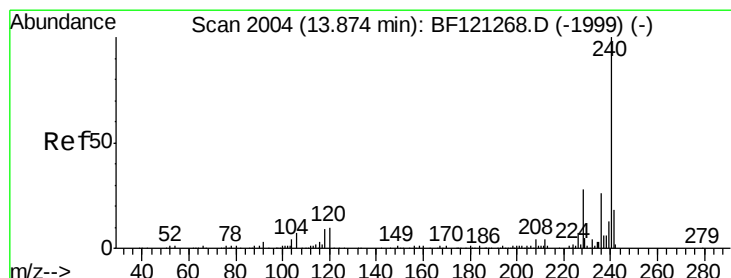
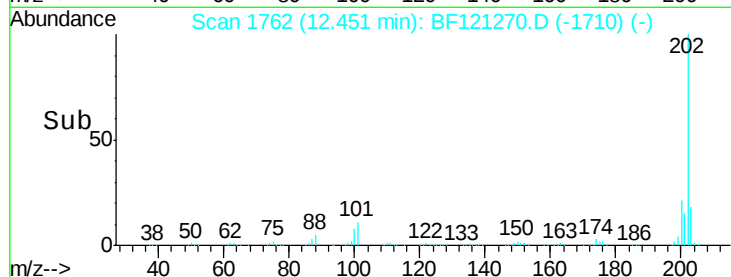
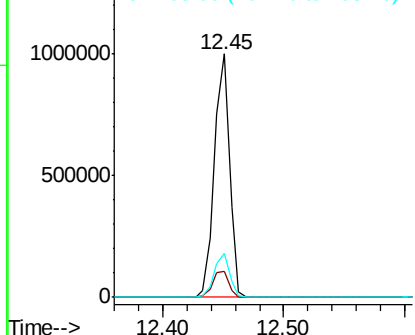
#75  
 Fluoranthene  
 Concen: 57.541 ng  
 RT: 12.45 min Scan# 1762  
 Delta R.T. 0.01 min  
 Lab File: BF121270.D  
 Acq: 13 Aug 2020 13:33

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 10.8  | 0.0   | 32.4  |
| 203     | 17.9  | 0.0   | 37.4  |

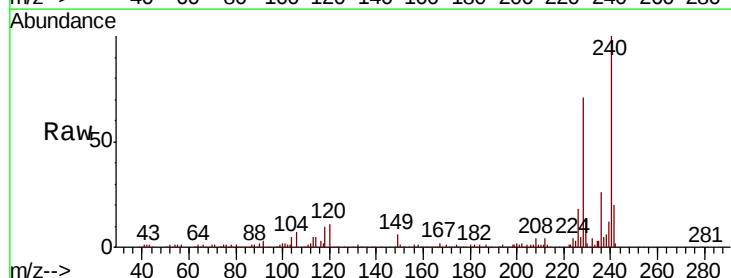


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 203.00 (202.70 to 203.70): E

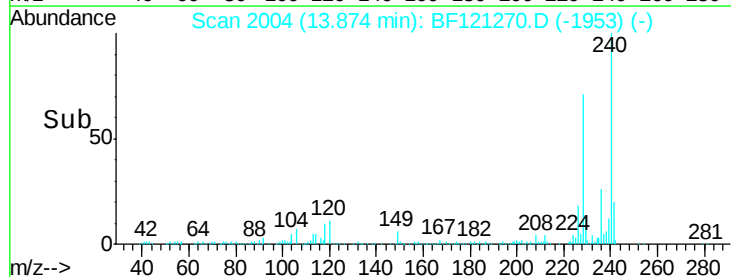
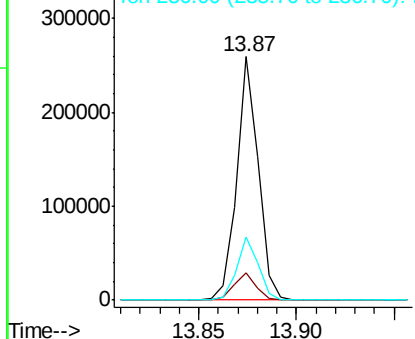


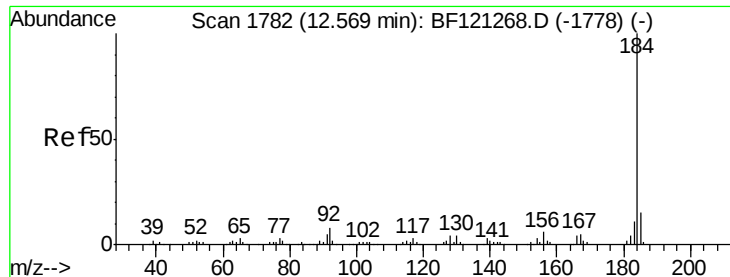
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.87 min Scan# 2004  
 Delta R.T. -0.00 min  
 Lab File: BF121270.D  
 Acq: 13 Aug 2020 13:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 11.3  | 8.1   | 12.1  |
| 236     | 25.8  | 21.0  | 31.4  |



Abundance Ion 240.00 (239.70 to 240.70): E  
 Ion 120.00 (119.70 to 120.70): E  
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 53.286 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.01 min

Lab File: BF121270.D

Acq: 13 Aug 2020 13:33

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

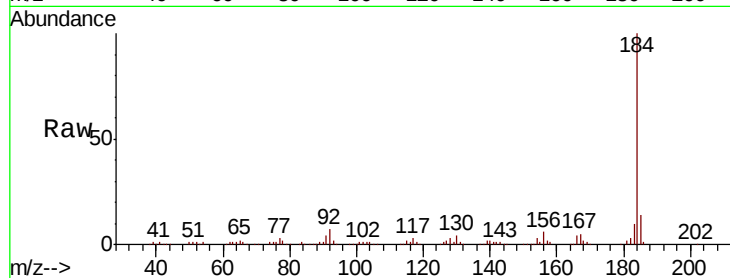
Tot Ion:184 Resp: 298220

Ion Ratio Lower Upper

184 100

185 14.4 11.9 17.9

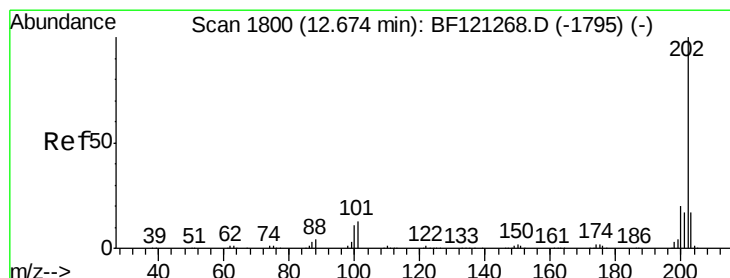
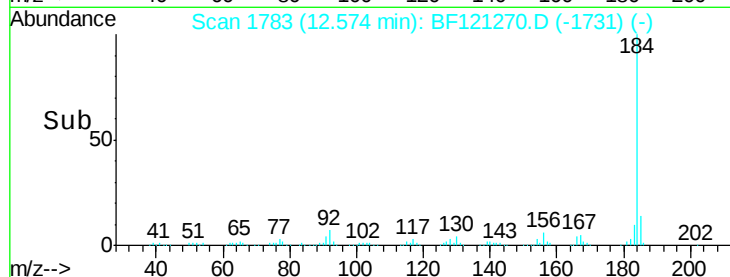
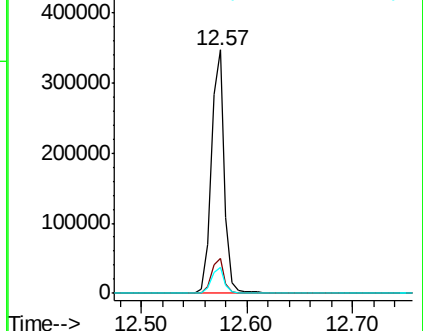
183 10.5 8.7 13.1



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: 61.009 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BF121270.D

Acq: 13 Aug 2020 13:33

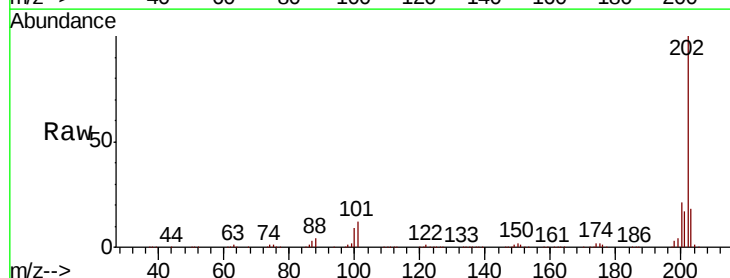
Tgt Ion:202 Resp: 888270

Ion Ratio Lower Upper

202 100

200 20.9 16.1 24.1

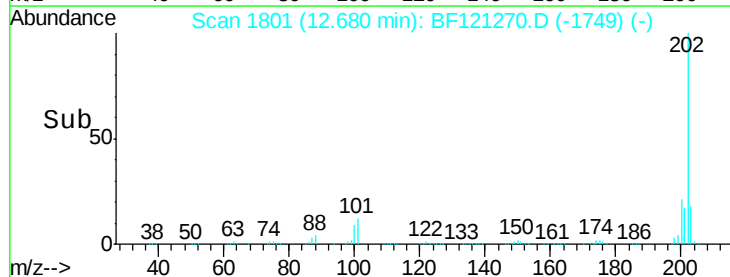
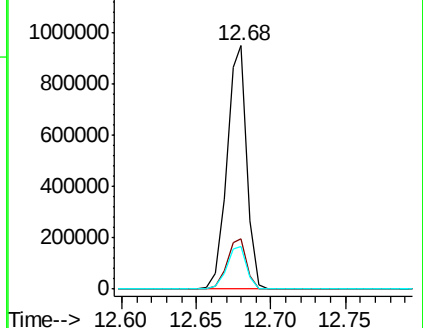
203 17.7 14.0 21.0

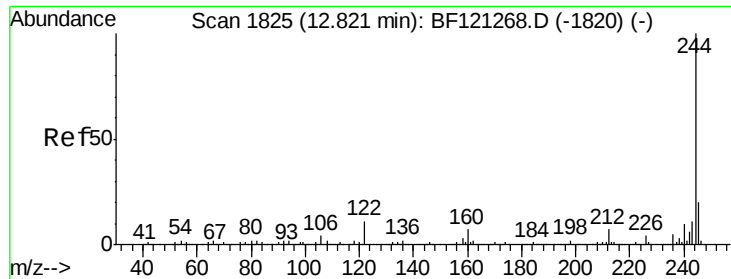


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 114.285 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF121270.D

Acq: 13 Aug 2020 13:33

Instrument :

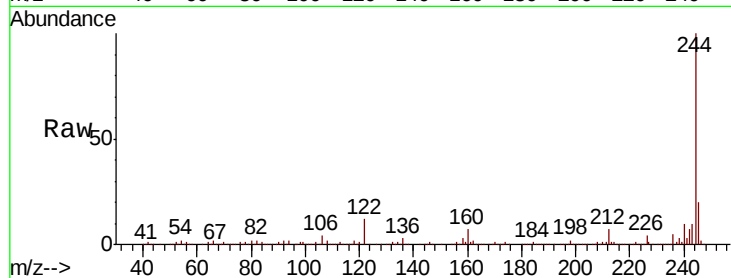
BNA\_F

ClientSampleId :

SSTDICC060

Tot Ion:244 Resp: 1129274

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 6.9   | 5.3   | 7.9   |
| 122 | 11.6  | 8.8   | 13.2  |

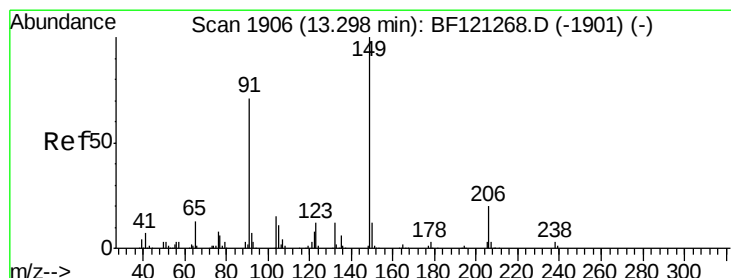
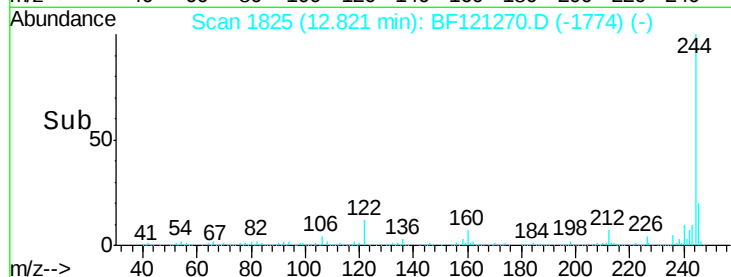
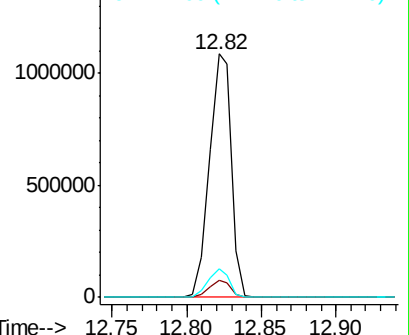


Abundance

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: 61.964 ng

RT: 13.30 min Scan# 1906

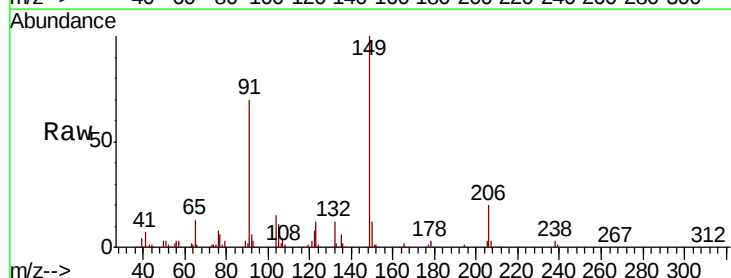
Delta R.T. -0.00 min

Lab File: BF121270.D

Acq: 13 Aug 2020 13:33

Tgt Ion:149 Resp: 386218

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 70.2  | 56.5  | 84.7  |
| 206 | 20.2  | 15.8  | 23.6  |

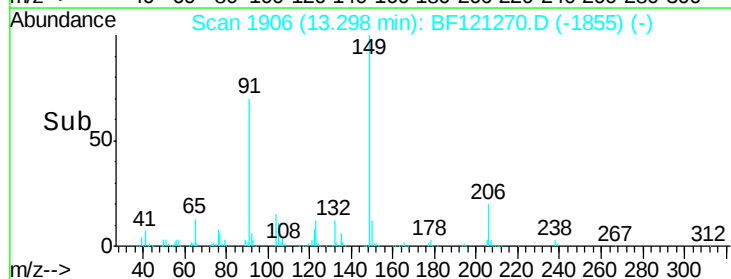
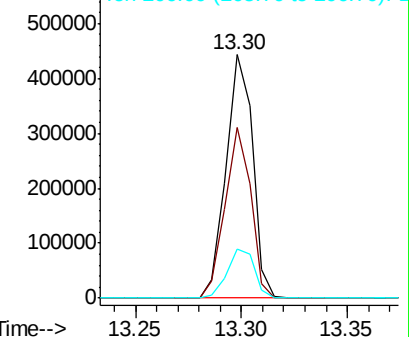


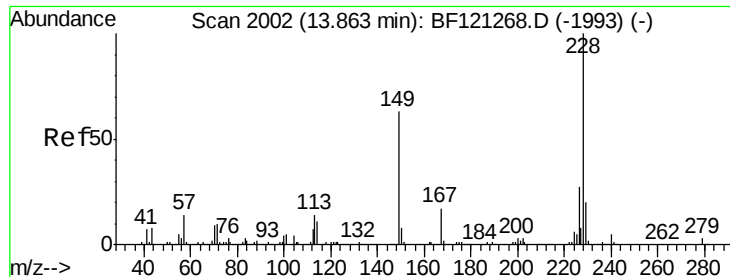
Abundance

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: 55.700 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BF121270.D

Acq: 13 Aug 2020 13:33

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

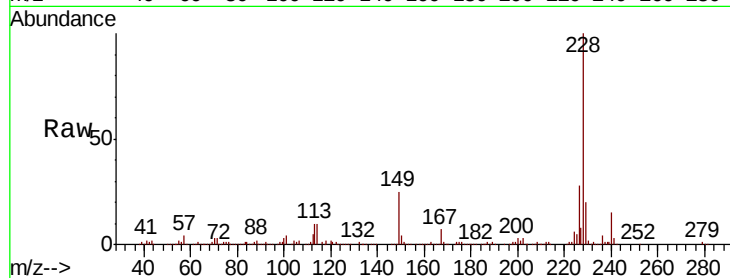
Tot Ion:228 Resp: 755382

Ion Ratio Lower Upper

228 100

226 27.7 21.8 32.8

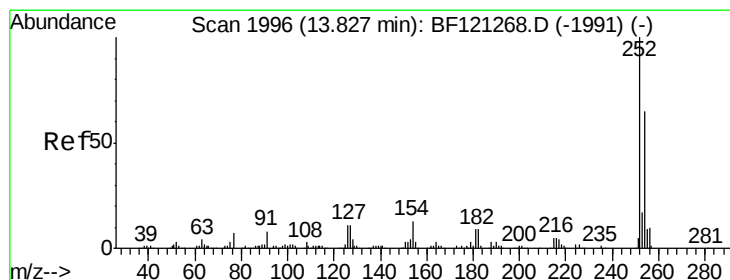
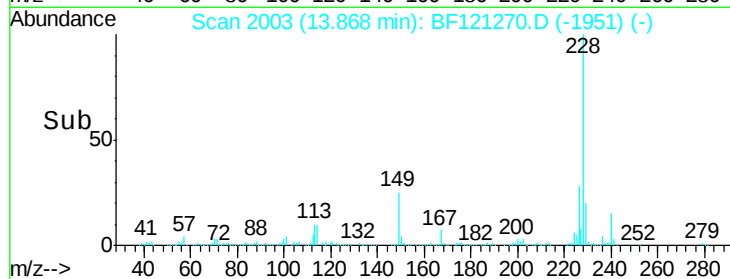
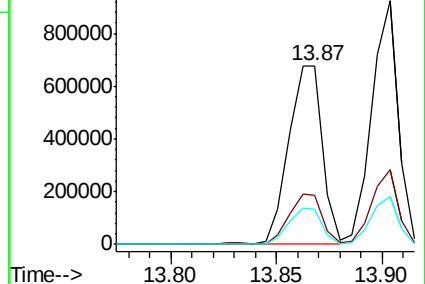
229 19.7 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 59.579 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BF121270.D

Acq: 13 Aug 2020 13:33

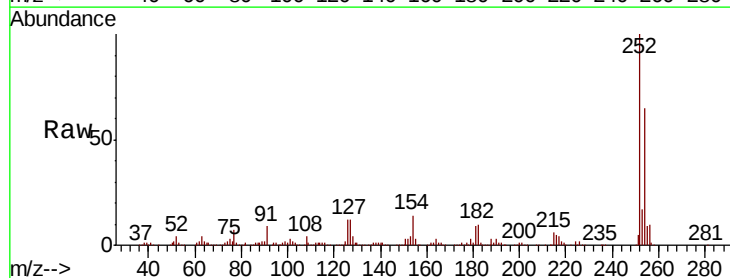
Tgt Ion:252 Resp: 319253

Ion Ratio Lower Upper

252 100

254 64.6 51.8 77.6

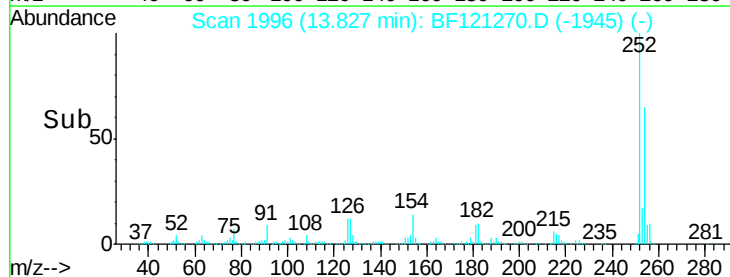
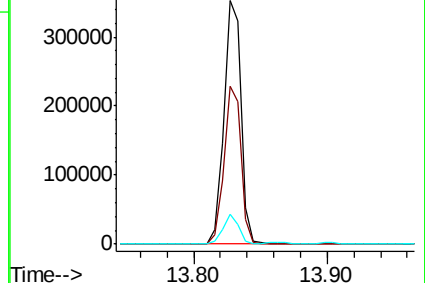
126 12.4 8.7 13.1

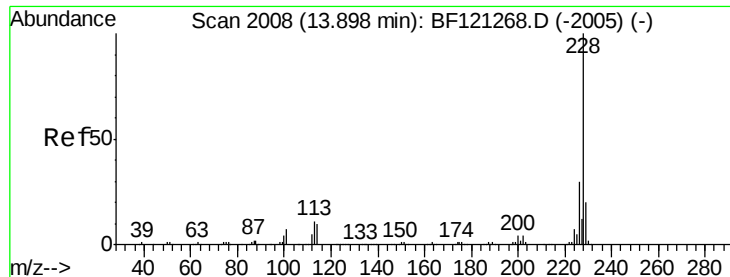


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

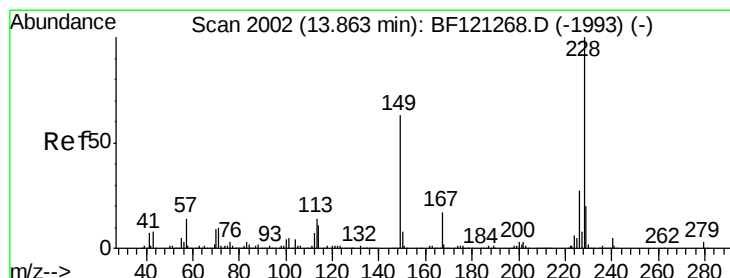
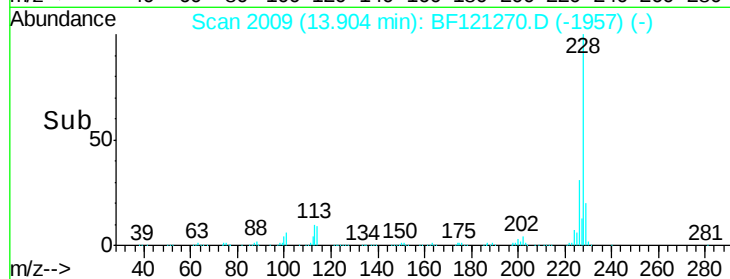
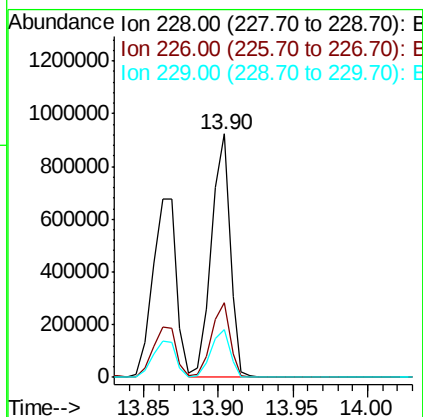
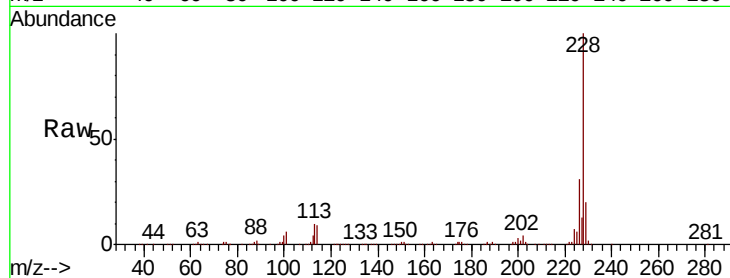




#83  
 Chrvsene  
 Concen: 60.028 ng  
 RT: 13.90 min Scan# 2009  
 Delta R.T. 0.01 min  
 Lab File: BF121270.D  
 Acq: 13 Aug 2020 13:33

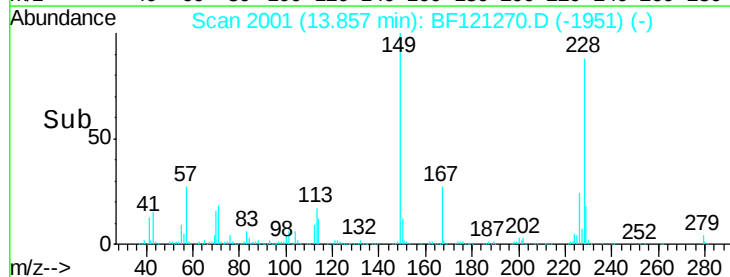
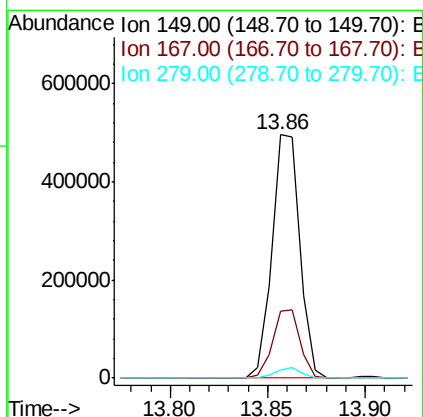
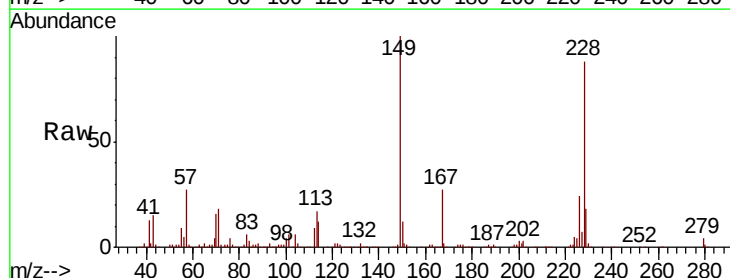
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDIC060

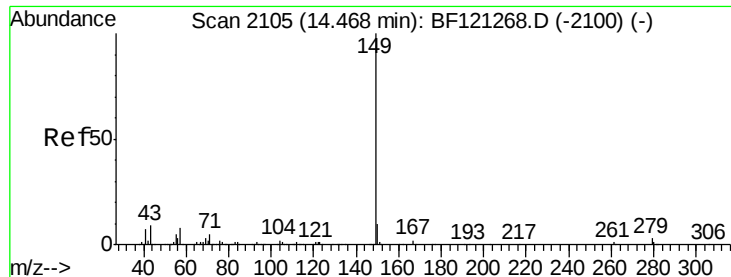
Tot Ion:228 Resp: 804203  
 Ion Ratio Lower Upper  
 228 100  
 226 30.7 24.3 36.5  
 229 19.5 15.6 23.4



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 54.051 ng  
 RT: 13.86 min Scan# 2001  
 Delta R.T. -0.01 min  
 Lab File: BF121270.D  
 Acq: 13 Aug 2020 13:33

Tgt Ion:149 Resp: 488375  
 Ion Ratio Lower Upper  
 149 100  
 167 27.4 22.2 33.2  
 279 3.6 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 59.384 ng

RT: 14.47 min Scan# 2105

Delta R.T. -0.00 min

Lab File: BF121270.D

Acq: 13 Aug 2020 13:33

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

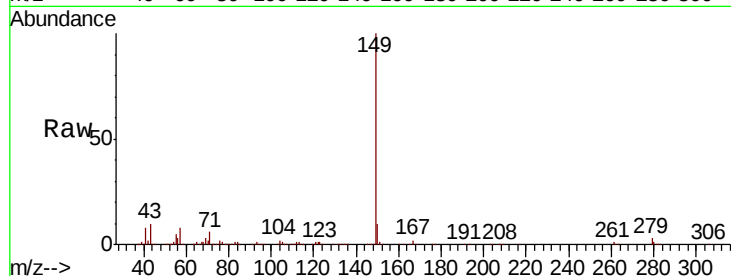
Tot Ion:149 Resp: 951043

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

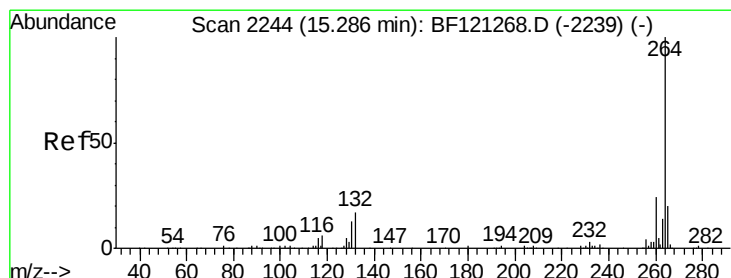
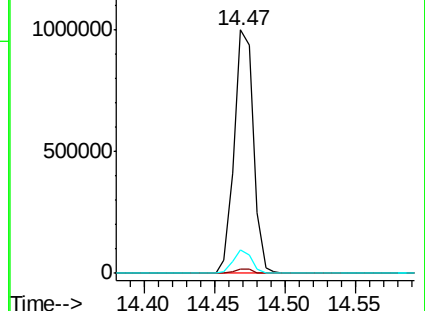
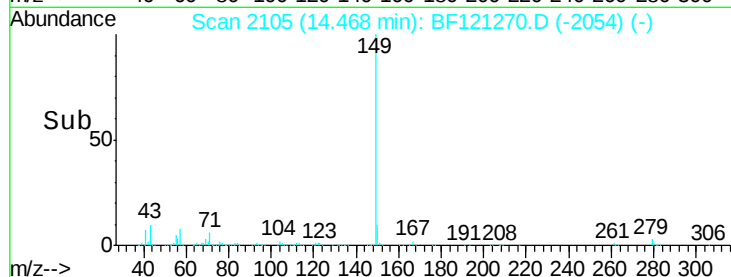
43 9.3 7.4 11.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.29 min Scan# 2245

Delta R.T. 0.01 min

Lab File: BF121270.D

Acq: 13 Aug 2020 13:33

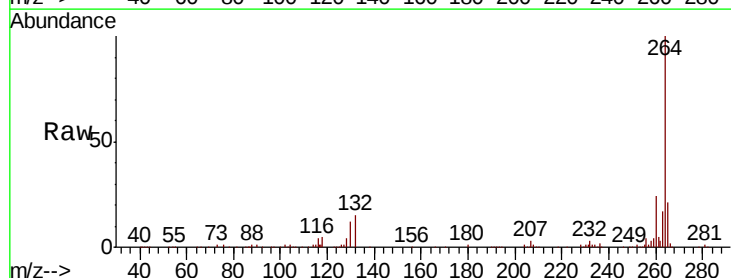
Tgt Ion:264 Resp: 216304

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

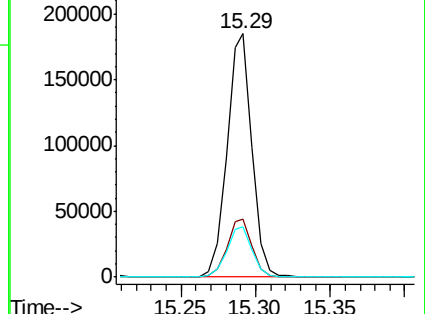
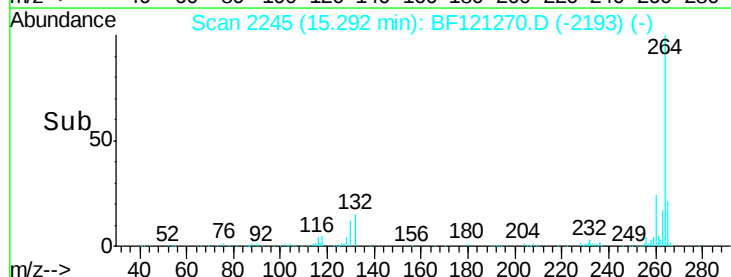
265 20.9 16.3 24.5

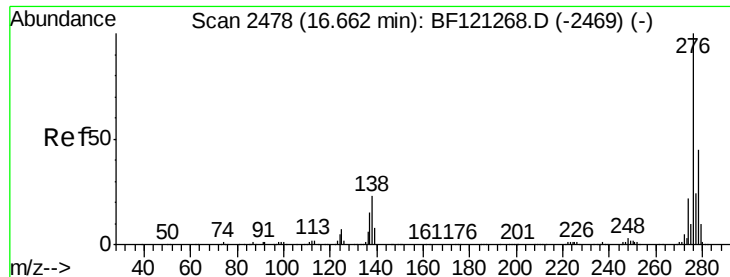


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

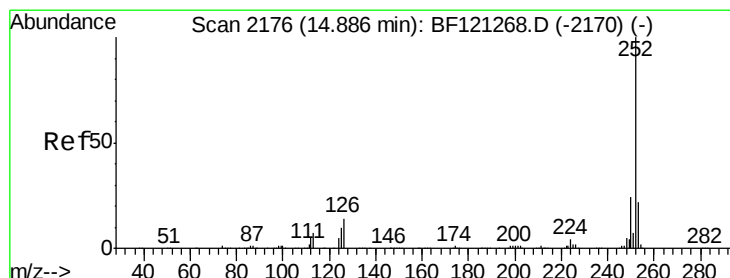
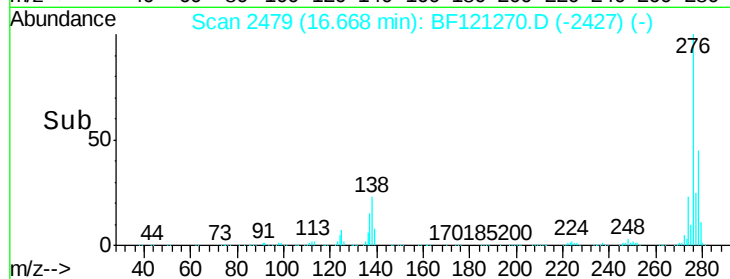
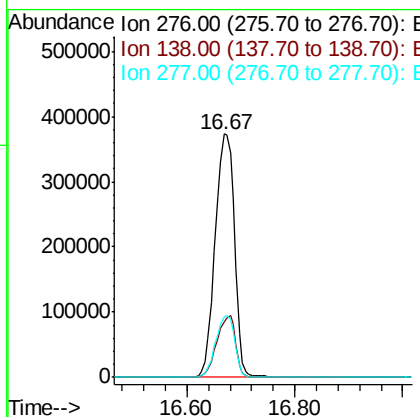
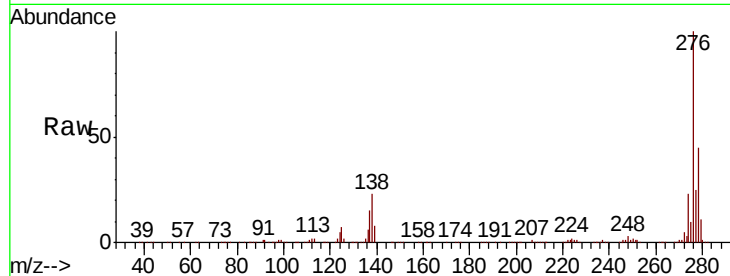




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 58.136 ng  
 RT: 16.67 min Scan# 2479  
 Delta R.T. 0.01 min  
 Lab File: BF121270.D  
 Acq: 13 Aug 2020 13:33

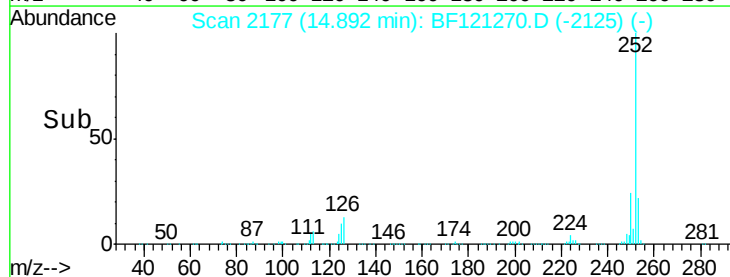
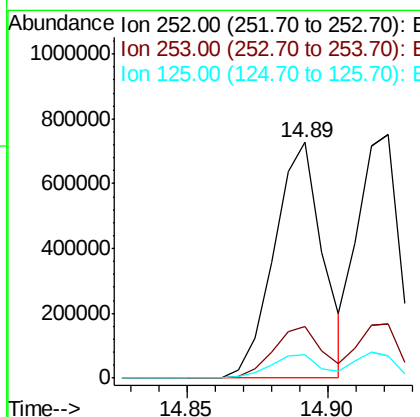
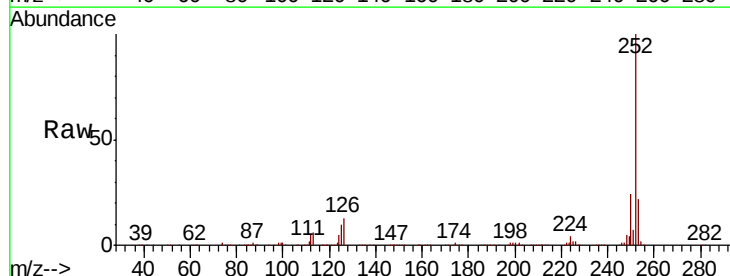
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

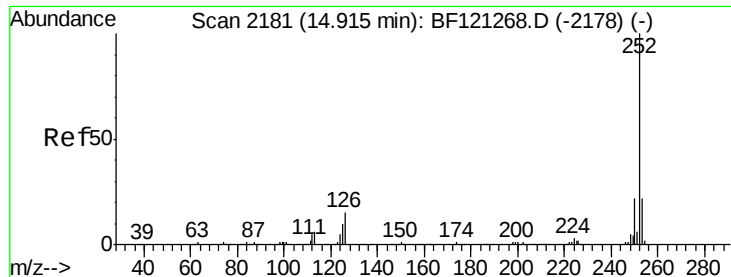
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 24.6  | 19.7  | 29.5  |
| 277     | 25.2  | 19.9  | 29.9  |



#88  
 Benzo(b)fluoranthene  
 Concen: 60.944 ng  
 RT: 14.89 min Scan# 2177  
 Delta R.T. 0.01 min  
 Lab File: BF121270.D  
 Acq: 13 Aug 2020 13:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 17.8  | 26.6  |
| 125     | 9.8   | 8.2   | 12.4  |

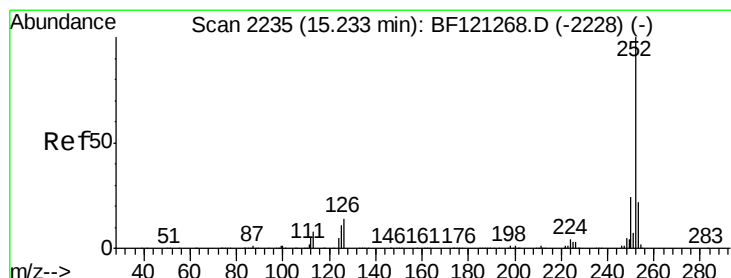
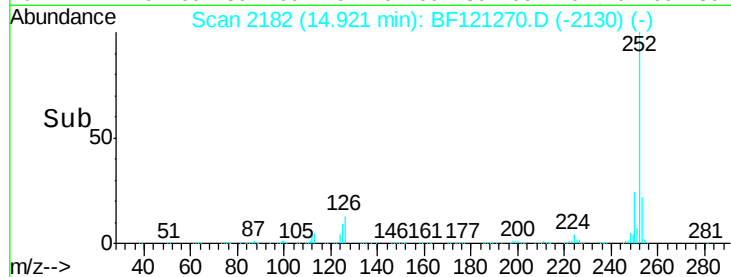
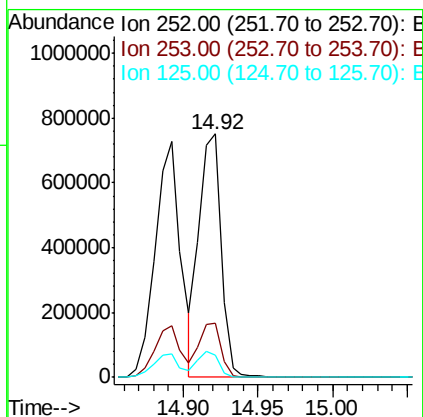
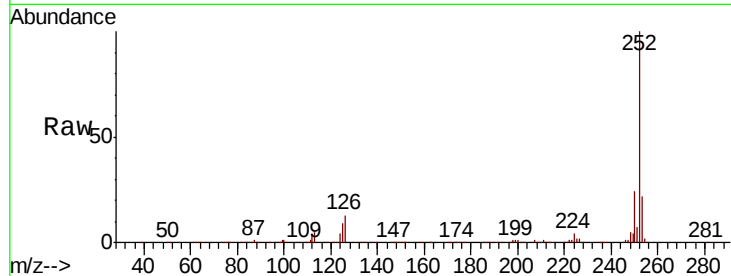




#89  
Benzo(k)fluoranthene  
Concen: 56.845 ng  
RT: 14.92 min Scan# 2182  
Delta R.T. 0.01 min  
Lab File: BF121270.D  
Acq: 13 Aug 2020 13:33

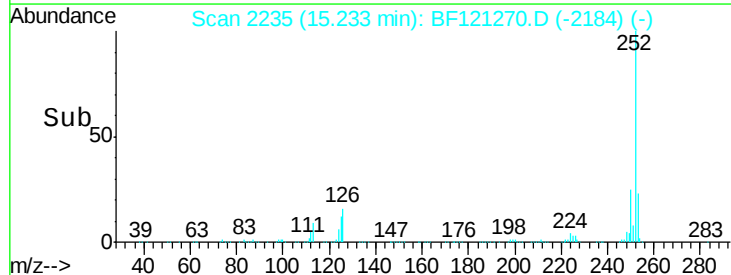
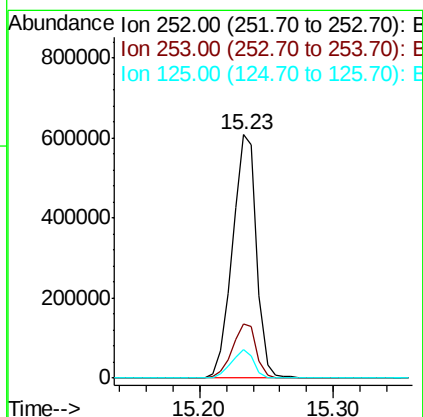
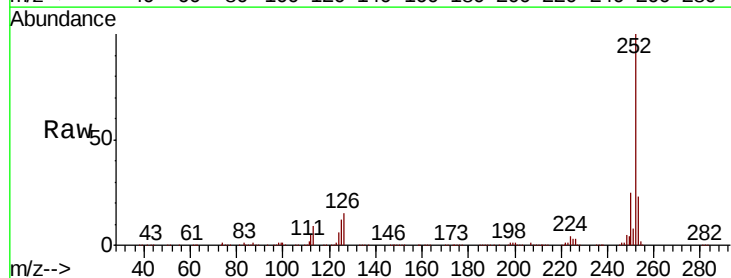
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

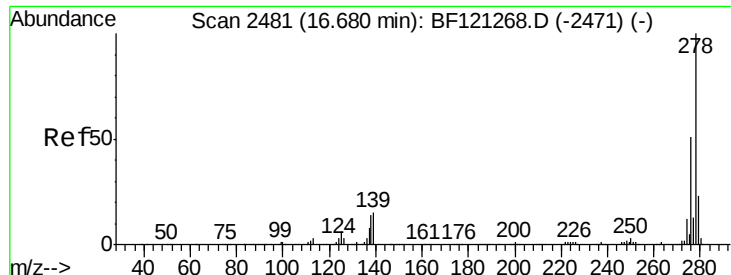
Tot Ion:252 Resp: 763420  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.3 25.9  
125 9.1 7.7 11.5



#90  
Benzo(a)pyrene  
Concen: 58.849 ng  
RT: 15.23 min Scan# 2235  
Delta R.T. -0.00 min  
Lab File: BF121270.D  
Acq: 13 Aug 2020 13:33

Tgt Ion:252 Resp: 768255  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.3 25.9  
125 11.6 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 58.111 ng

RT: 16.69 min Scan# 2482

Delta R.T. 0.01 min

Lab File: BF121270.D

Acq: 13 Aug 2020 13:33

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

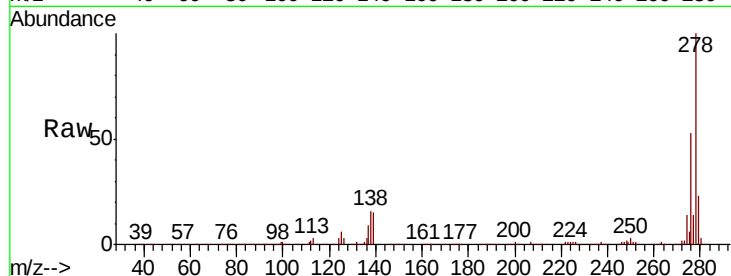
Tot Ion:278 Resp: 801634

Ion Ratio Lower Upper

278 100

139 15.5 12.4 18.6

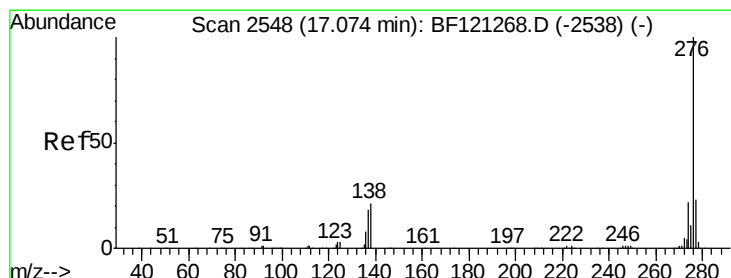
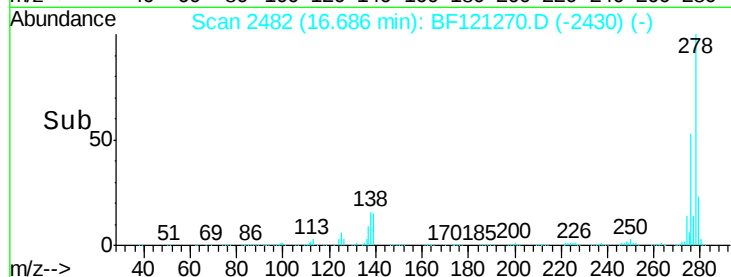
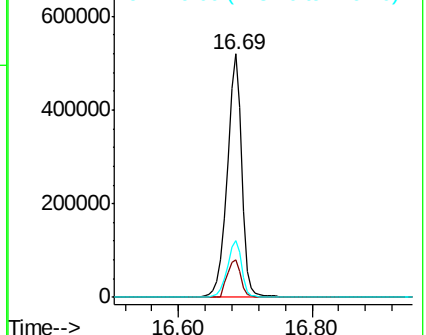
279 23.5 18.7 28.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 58.416 ng

RT: 17.09 min Scan# 2550

Delta R.T. 0.01 min

Lab File: BF121270.D

Acq: 13 Aug 2020 13:33

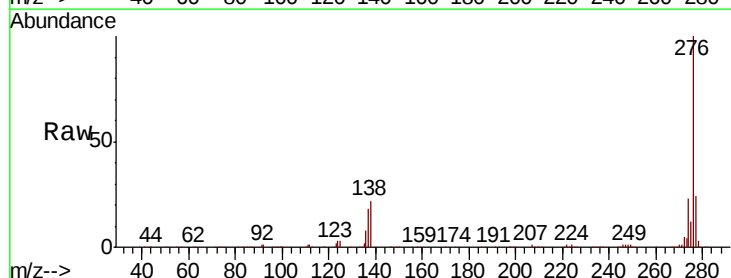
Tgt Ion:276 Resp: 801810

Ion Ratio Lower Upper

276 100

277 24.3 18.7 28.1

138 22.2 17.1 25.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

