

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\  
 Data File : BF121215.D  
 Acq On : 6 Aug 2020 21:43  
 Operator : JU/CG  
 Sample : L3568-02MSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 8/5-A-EMSD

Quant Time: Aug 07 00:32:16 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 29 14:55:43 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.79  | 152  | 139610   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.08  | 136  | 534161   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.83  | 164  | 275022   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.32 | 188  | 517291   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.96 | 240  | 326926   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.41 | 264  | 348431   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |       |
|--------------------------|-------|-----|--------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.41  | 112 | 603618 | 70.88 | ng | 0.00  |
| 7) Phenol-d6             | 6.43  | 99  | 728469 | 66.22 | ng | -0.01 |
| 23) Nitrobenzene-d5      | 7.36  | 82  | 480649 | 52.07 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 10.63 | 330 | 217067 | 72.11 | ng | 0.00  |
| 45) 2-Fluorobiphenyl     | 9.16  | 172 | 890559 | 48.35 | ng | 0.00  |
| 79) Terphenyl-d14        | 12.90 | 244 | 831935 | 55.32 | ng | 0.00  |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.53 | 88  | 149785  | 38.216 | ng | 100    |
| 3) Pyridine                    | 3.27 | 79  | 321940  | 30.878 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.22 | 42  | 174617  | 39.166 | ng | 98     |
| 6) Aniline                     | 6.46 | 93  | 347643  | 24.210 | ng | 95     |
| 8) 2-Chlorophenol              | 6.58 | 128 | 383842  | 40.914 | ng | 99     |
| 9) Benzaldehyde                | 6.35 | 77  | 247986  | 49.530 | ng | 98     |
| 10) Phenol                     | 6.45 | 94  | 461403  | 38.129 | ng | 94     |
| 11) bis(2-Chloroethyl)ether    | 6.53 | 93  | 361085  | 38.935 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 6.73 | 146 | 390212  | 38.358 | ng | 100    |
| 13) 1,4-Dichlorobenzene        | 6.81 | 146 | 399963  | 39.539 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.96 | 146 | 381205  | 39.834 | ng | 99     |
| 15) Benzyl Alcohol             | 6.94 | 79  | 306043  | 39.339 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.07 | 45  | 502525  | 37.594 | ng | 91     |
| 17) 2-Methylphenol             | 7.06 | 107 | 302428  | 36.370 | ng | 99     |
| 18) Hexachloroethane           | 7.30 | 117 | 137510  | 37.558 | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 7.21 | 70  | 232392  | 37.151 | ng | 95     |
| 20) 3+4-Methylphenols          | 7.21 | 107 | 359231  | 33.961 | ng | 96     |
| 22) Acetophenone               | 7.20 | 105 | 482733  | 40.267 | ng | 96     |
| 24) Nitrobenzene               | 7.38 | 77  | 383164  | 38.510 | ng | 97     |
| 25) Isophorone                 | 7.62 | 82  | 688235  | 37.355 | ng | 96     |
| 26) 2-Nitrophenol              | 7.69 | 139 | 202975  | 42.954 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 7.74 | 122 | 331691  | 43.233 | ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 7.83 | 93  | 443697  | 39.453 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.94 | 162 | 313596  | 40.000 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 8.02 | 180 | 340958  | 39.199 | ng | 98     |
| 31) Naphthalene                | 8.10 | 128 | 1041779 | 38.021 | ng | 100    |
| 32) Benzoic acid               | 7.88 | 122 | 224318  | 38.949 | ng | 97     |
| 33) 4-Chloroaniline            | 8.15 | 127 | 202698  | 16.583 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.22 | 225 | 193680  | 37.772 | ng | 99     |
| 35) Caprolactam                | 8.53 | 113 | 104923  | 41.733 | ng | # 82   |
| 36) 4-Chloro-3-methylphenol    | 8.65 | 107 | 324193  | 40.320 | ng | 100    |
| 37) 2-Methylnaphthalene        | 8.79 | 142 | 715426  | 40.213 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.89 | 142 | 665376  | 39.489 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.96 | 216 | 333661  | 41.640 | ng | 100    |

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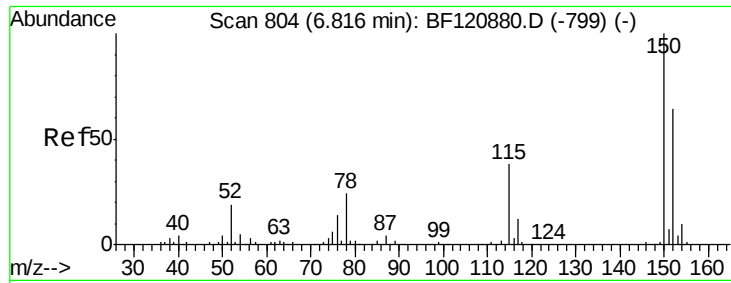
Instrument :  
 BNA\_F  
 ClientSampleId :  
 8/5-A-EMSD

Quant Time: Aug 07 00:32:16 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M  
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 QLast Update : Wed Jul 29 14:55:43 2020  
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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.95  | 237  | 137978   | 31.156 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.07  | 196  | 225040   | 39.888 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.12  | 196  | 245156   | 38.307 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 9.26  | 154  | 856020   | 40.804 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.28  | 162  | 662315   | 38.723 | ng    | 98       |
| 48) 2-Nitroaniline             | 9.38  | 65   | 210115   | 40.650 | ng    | 96       |
| 49) Acenaphthylene             | 9.70  | 152  | 1052075  | 39.594 | ng    | 99       |
| 50) Dimethylphthalate          | 9.56  | 163  | 883634   | 44.535 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.62  | 165  | 173366   | 40.671 | ng    | 94       |
| 52) Acenaphthene               | 9.87  | 154  | 604453   | 35.780 | ng    | 99       |
| 53) 3-Nitroaniline             | 9.79  | 138  | 104558   | 19.557 | ng    | 97       |
| 54) 2,4-Dinitrophenol          | 9.90  | 184  | 107638   | 46.955 | ng    | # 90     |
| 55) Dibenzofuran               | 10.05 | 168  | 923764   | 37.814 | ng    | 97       |
| 56) 4-Nitrophenol              | 9.97  | 139  | 276203   | 68.012 | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 10.03 | 165  | 225505   | 40.285 | ng    | # 87     |
| 58) Fluorene                   | 10.39 | 166  | 688067   | 37.764 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.16 | 232  | 201776   | 41.410 | ng    | 100      |
| 60) Diethylphthalate           | 10.26 | 149  | 771836   | 38.459 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.37 | 204  | 344092   | 35.407 | ng    | 98       |
| 62) 4-Nitroaniline             | 10.41 | 138  | 170305   | 32.703 | ng    | 98       |
| 63) Azobenzene                 | 10.54 | 77   | 727693   | 38.088 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 10.44 | 198  | 83539    | 29.512 | ng    | 100      |
| 66) n-Nitrosodiphenylamine     | 10.50 | 169  | 654858   | 40.242 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.86 | 248  | 224877   | 38.991 | ng    | 99       |
| 68) Hexachlorobenzene          | 10.93 | 284  | 249530   | 39.996 | ng    | 94       |
| 69) Atrazine                   | 11.03 | 200  | 181877   | 45.130 | ng    | 100      |
| 70) Pentachlorophenol          | 11.13 | 266  | 267984   | 74.979 | ng    | 98       |
| 71) Phenanthrene               | 11.35 | 178  | 1018208  | 38.272 | ng    | 99       |
| 72) Anthracene                 | 11.40 | 178  | 1062179  | 39.760 | ng    | 99       |
| 73) Carbazole                  | 11.56 | 167  | 997351   | 37.619 | ng    | 100      |
| 74) Di-n-butylphthalate        | 11.89 | 149  | 1212415  | 39.628 | ng    | 99       |
| 75) Fluoranthene               | 12.53 | 202  | 1047005  | 35.505 | ng    | 97       |
| 77) Benzidine                  | 12.66 | 184  | 738580   | 85.927 | ng    | 99       |
| 78) Pyrene                     | 12.76 | 202  | 1058457  | 45.793 | ng    | 100      |
| 80) Butylbenzylphthalate       | 13.38 | 149  | 476942   | 46.288 | ng    | 95       |
| 81) Benzo(a)anthracene         | 13.95 | 228  | 817377   | 41.288 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.92 | 252  | 326915   | 43.770 | ng    | 100      |
| 83) Chrysene                   | 13.99 | 228  | 817481   | 39.293 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.94 | 149  | 623789   | 49.095 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.55 | 149  | 1004223  | 39.727 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene     | 16.85 | 276  | 916590   | 37.826 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 14.99 | 252  | 872017   | 41.404 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 15.02 | 252  | 723252   | 37.654 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.35 | 252  | 766208   | 39.874 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene     | 16.86 | 278  | 773431   | 39.074 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.28 | 276  | 741932   | 38.015 | ng    | 99       |

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



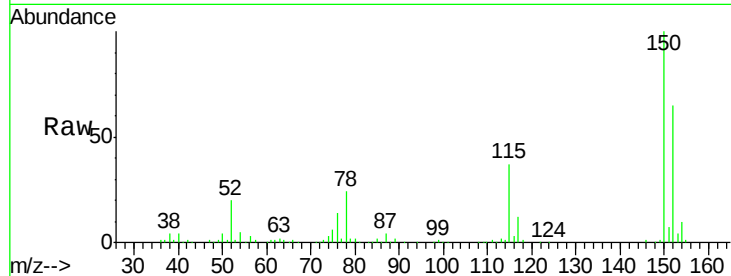


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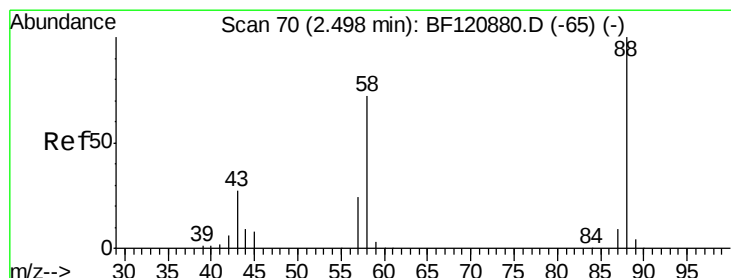
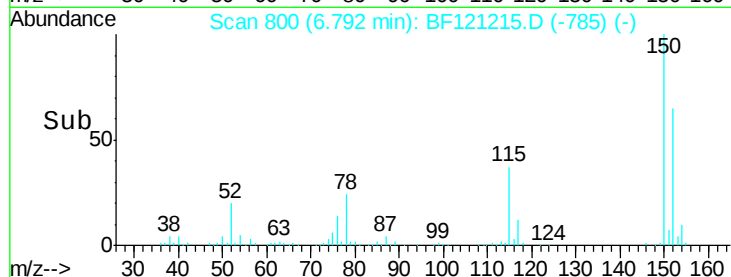
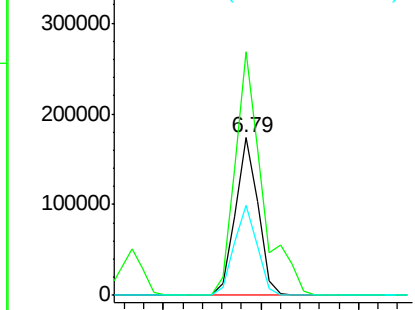
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.79 min Scan# 800  
Delta R.T. -0.01 min  
Lab File: BF121215.D  
Acq: 6 Aug 2020 21:43

Instrument :  
BNA\_F  
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8/5-A-EMSD

Tot Ion:152 Resp: 139610  
Ion Ratio Lower Upper  
152 100  
150 154.9 125.6 188.4  
115 57.6 46.2 69.2



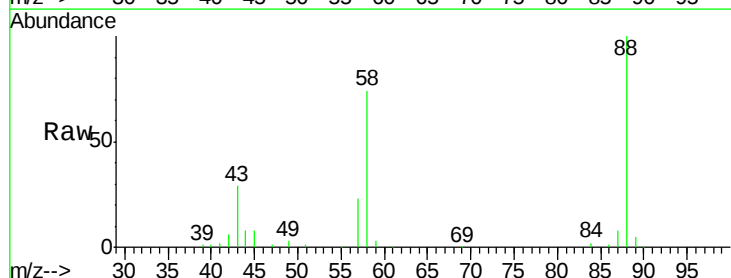
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



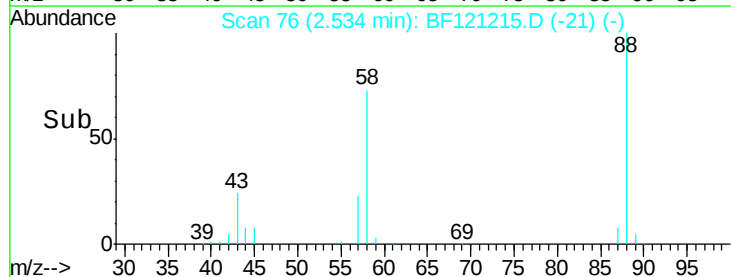
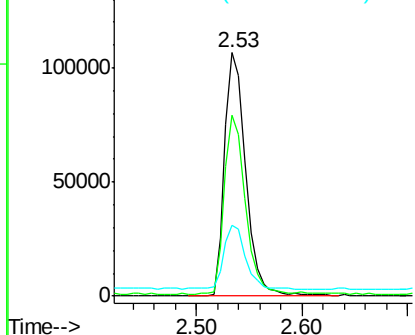
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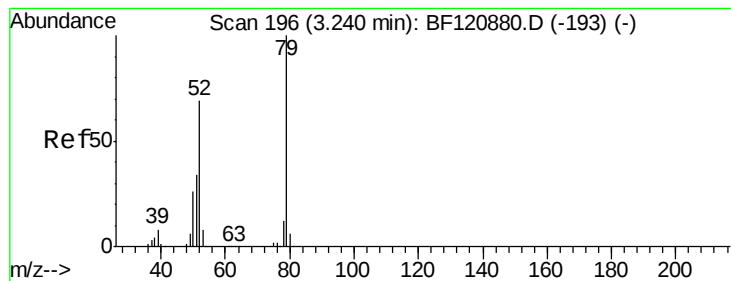
1,4-Dioxane  
Concen: 38.216 ng  
RT: 2.53 min Scan# 76  
Delta R.T. 0.02 min  
Lab File: BF121215.D  
Acq: 6 Aug 2020 21:43

Tgt Ion: 88 Resp: 149785  
Ion Ratio Lower Upper  
88 100  
58 73.0 58.2 87.4  
43 27.2 21.3 31.9



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





#3

Pvridine

Concen: 30.878 ng

RT: 3.27 min Scan# 201

Delta R.T. 0.02 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

Instrument :

BNA\_F

ClientSampleId :

8/5-A-EMSD

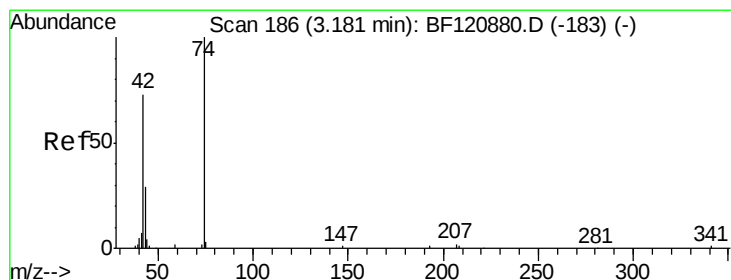
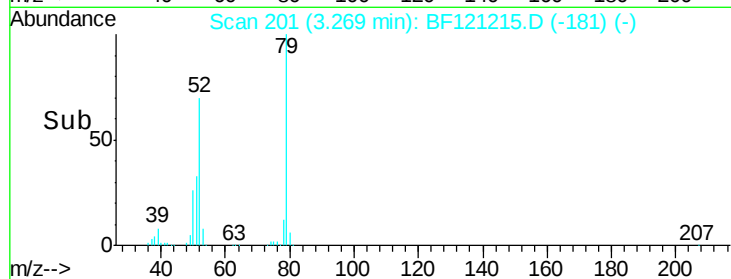
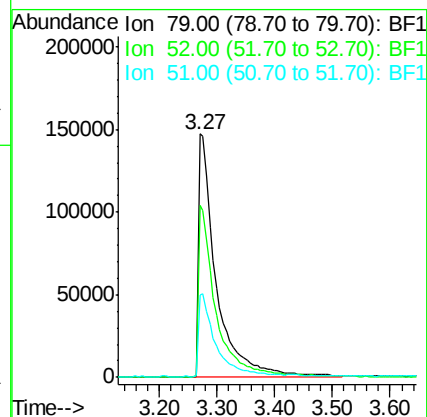
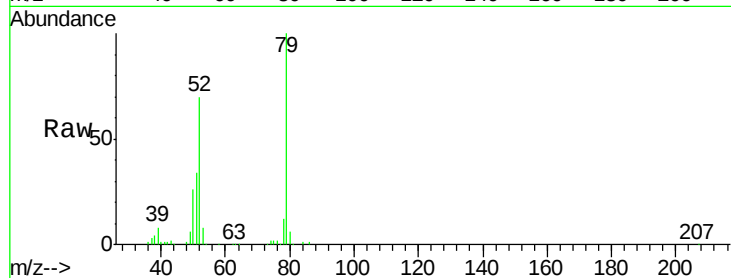
Tot Ion: 79 Resp: 321940

Ion Ratio Lower Upper

79 100

52 70.4 54.9 82.3

51 33.8 27.4 41.0



#4

n-Nitrosodimethylamine

Concen: 39.166 ng

RT: 3.22 min Scan# 193

Delta R.T. 0.02 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

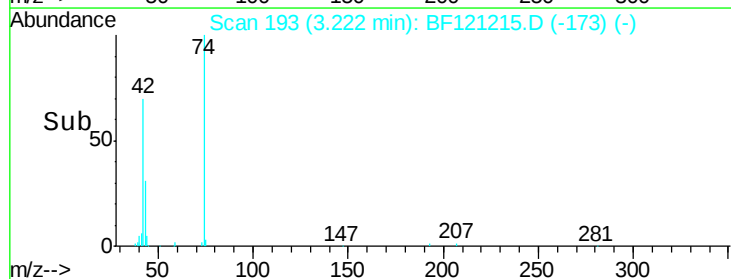
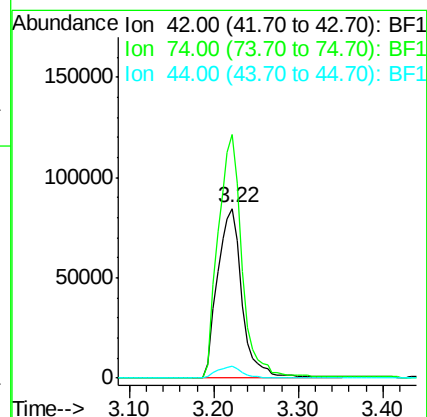
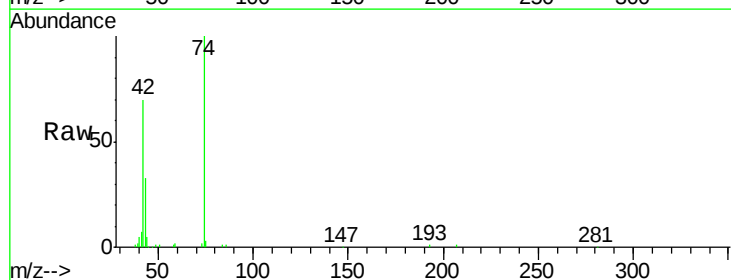
Tgt Ion: 42 Resp: 174617

Ion Ratio Lower Upper

42 100

74 143.4 117.3 175.9

44 7.2 5.9 8.9





#5

2-Fluorophenol

Concen: 70.879 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

Instrument :

BNA\_F

ClientSampleId :

8/5-A-EMSD

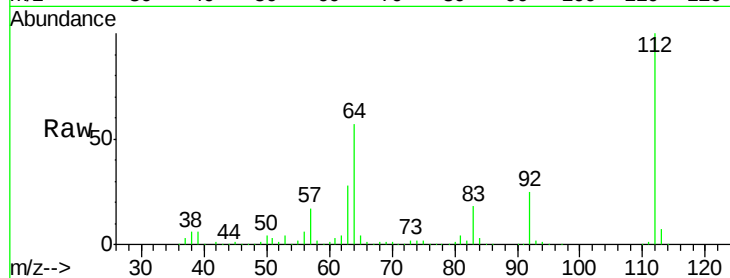
Tot Ion:112 Resp: 603618

Ion Ratio Lower Upper

112 100

64 56.6 43.9 65.9

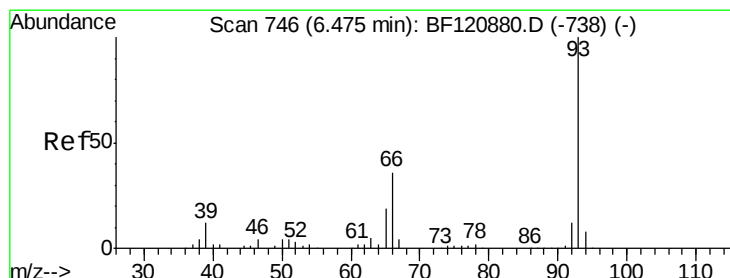
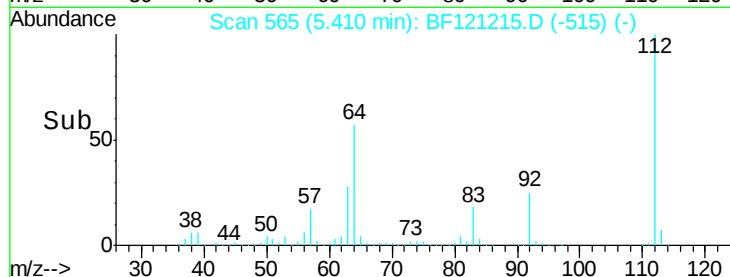
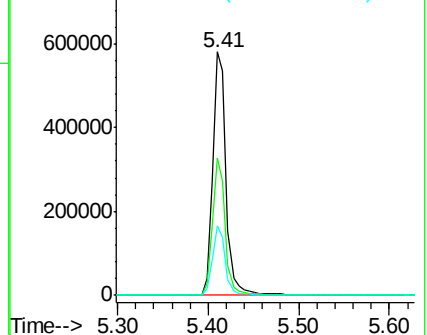
63 28.5 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.210 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

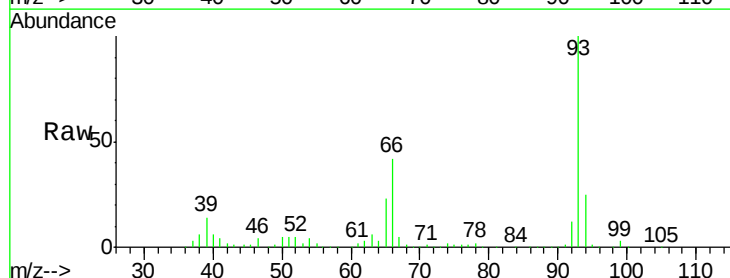
Tgt Ion: 93 Resp: 347643

Ion Ratio Lower Upper

93 100

66 41.5 31.0 46.4

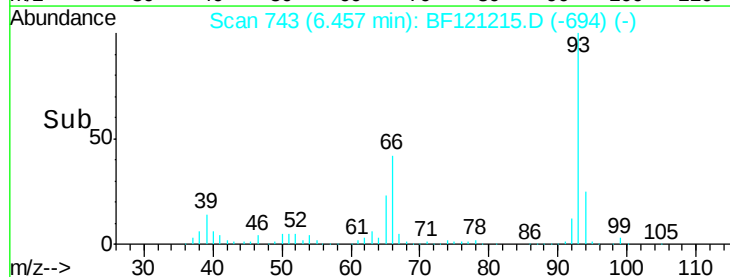
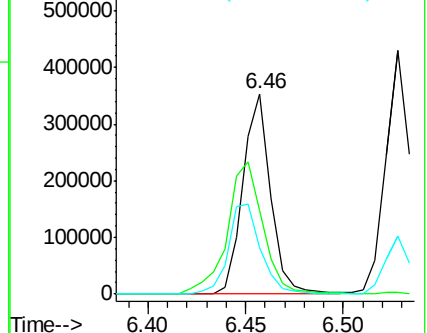
65 23.2 16.2 24.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 66.220 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121215.D

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ClientSampleId :

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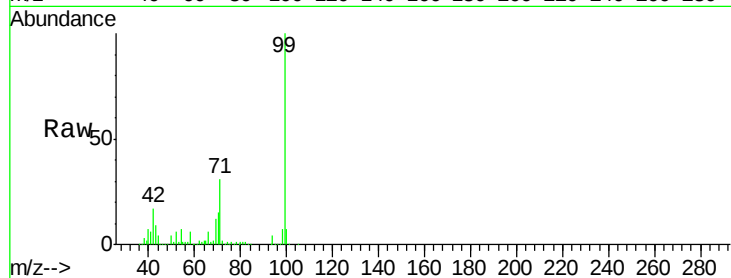
Tot Ion: 99 Resp: 728469

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

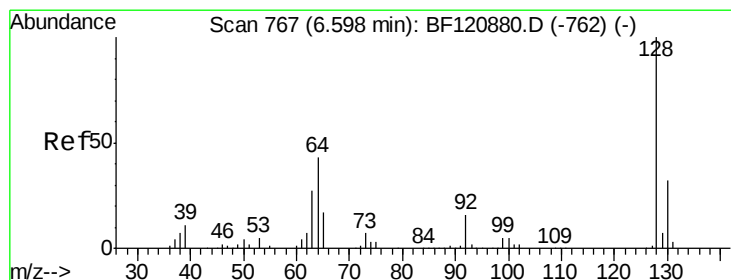
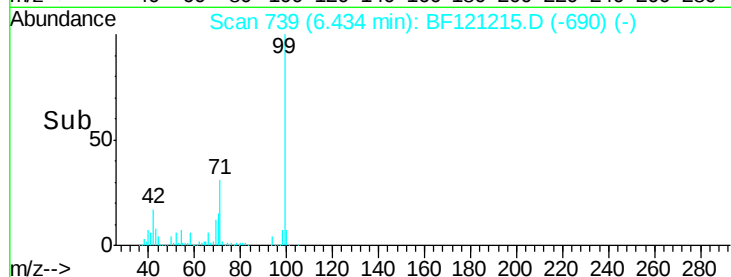
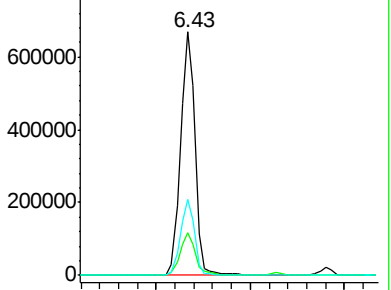
71 31.2 25.0 37.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.914 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

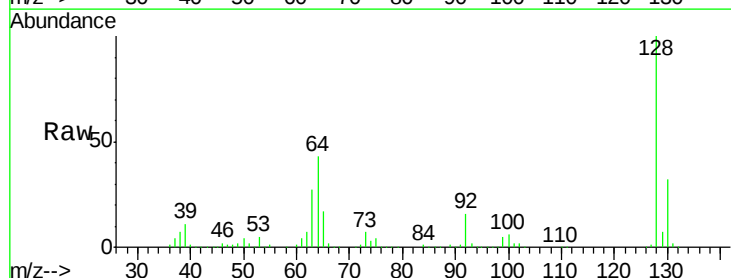
Tgt Ion: 128 Resp: 383842

Ion Ratio Lower Upper

128 100

130 31.9 12.7 52.7

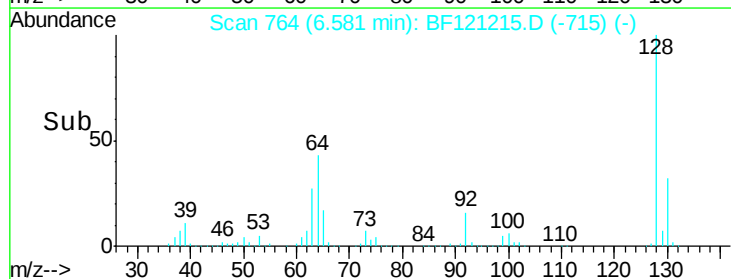
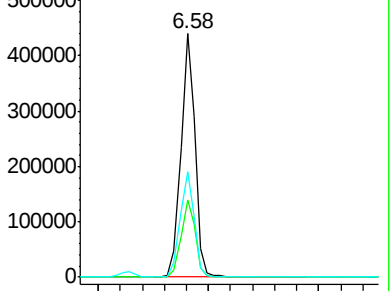
64 43.4 23.8 63.8



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: 49.530 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF121215.D

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BNA\_F

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8/5-A-EMSD

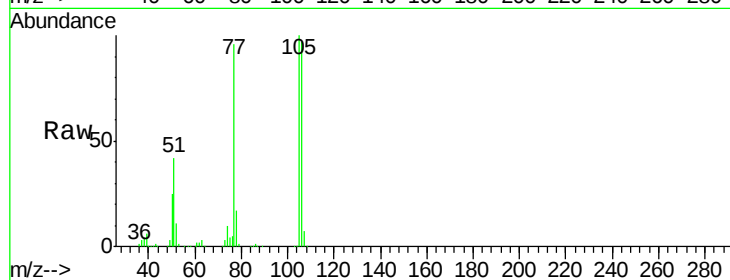
Tot Ion: 77 Resp: 247986

Ion Ratio Lower Upper

77 100

105 104.1 82.4 122.4

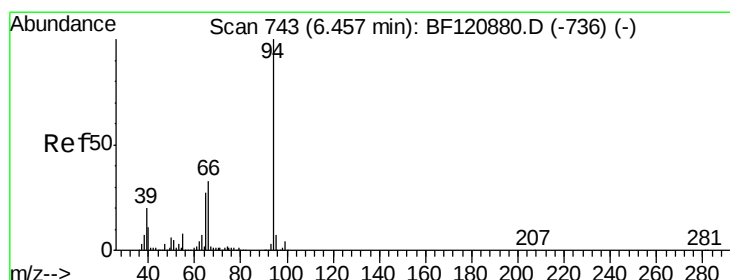
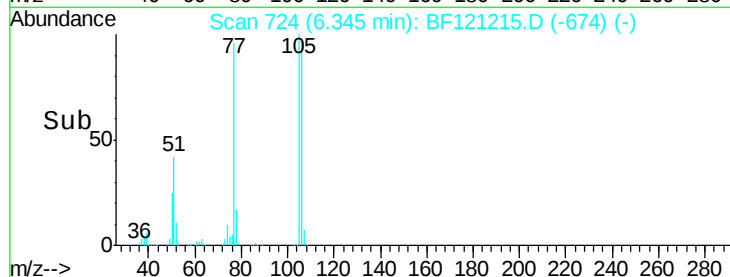
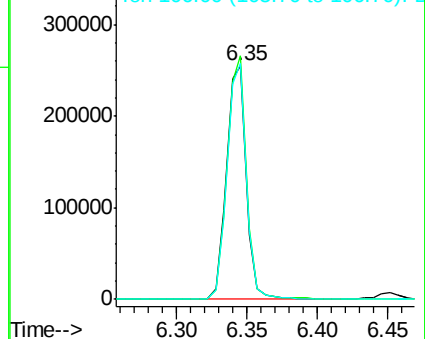
106 100.7 78.9 118.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.129 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

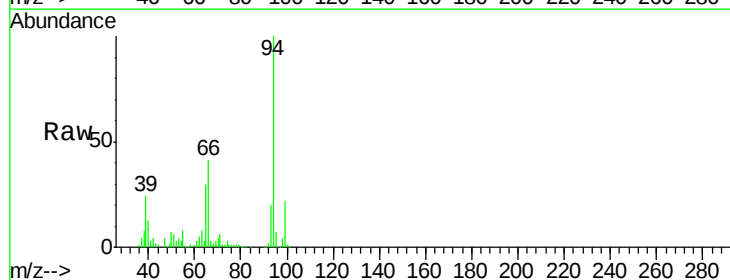
Tgt Ion: 94 Resp: 461403

Ion Ratio Lower Upper

94 100

65 30.4 12.6 52.6

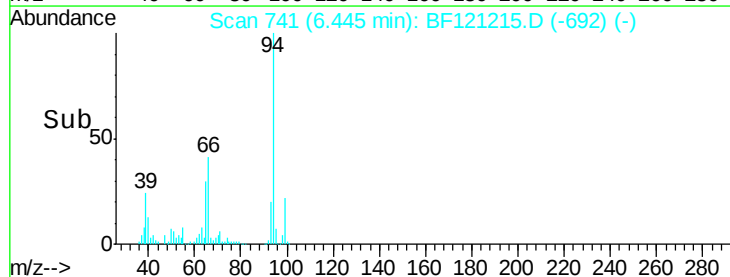
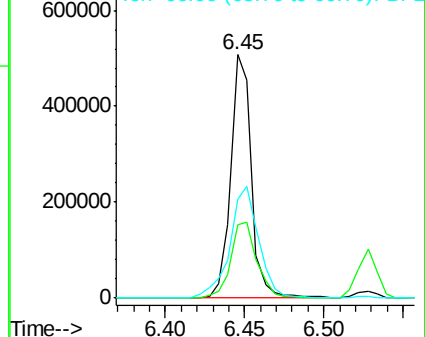
66 40.9 25.6 65.6

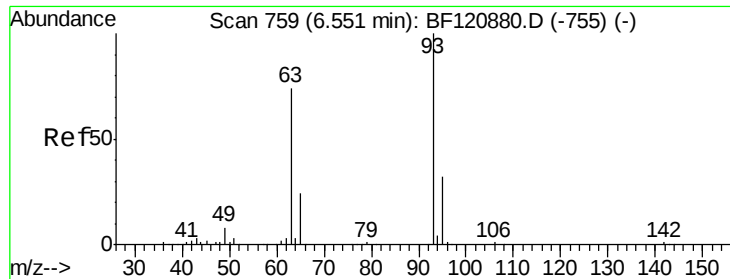


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

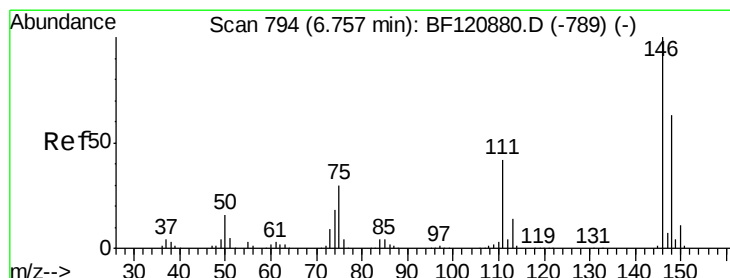
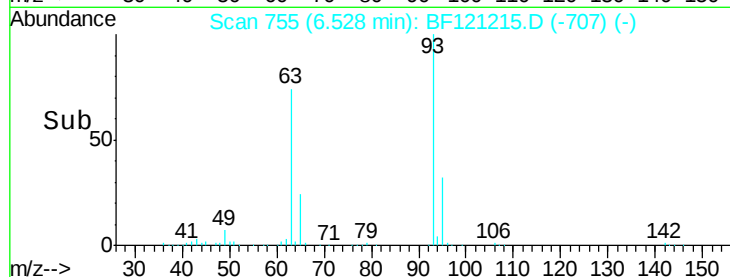
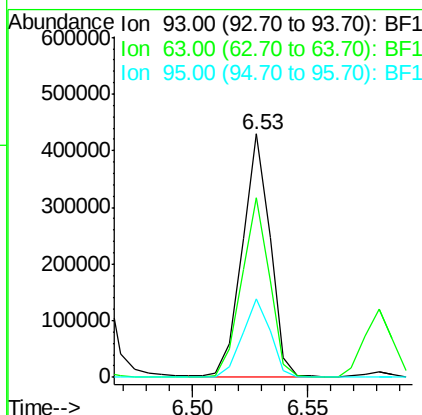
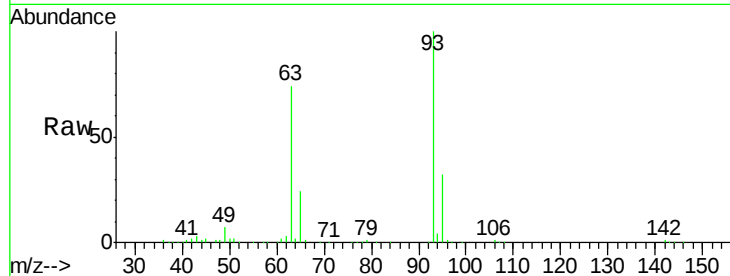




#11  
 bis(2-Chloroethyl)ether  
 Concen: 38.935 ng  
 RT: 6.53 min Scan# 755  
 Delta R.T. -0.02 min  
 Lab File: BF121215.D  
 Acq: 6 Aug 2020 21:43

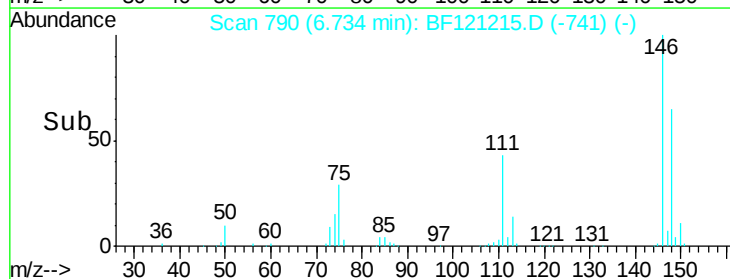
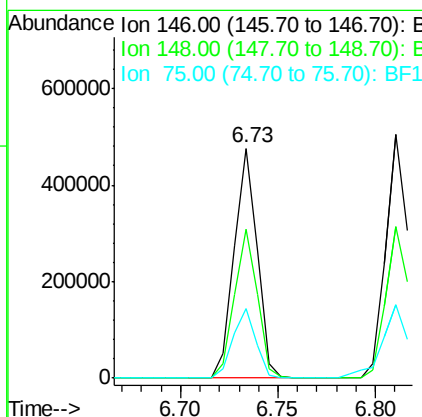
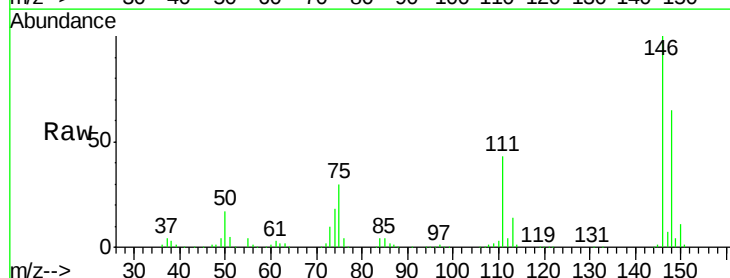
Instrument :  
 BNA\_F  
 ClientSampleId :  
 8/5-A-EMSD

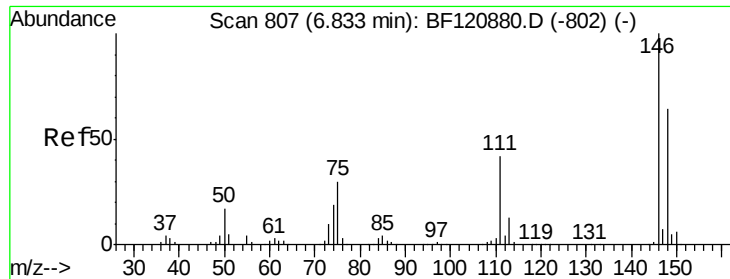
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 361085 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 73.6  | 51.9  | 91.9   |
| 95       | 32.3  | 13.2  | 53.2   |



#12  
 1,3-Dichlorobenzene  
 Concen: 38.358 ng  
 RT: 6.73 min Scan# 790  
 Delta R.T. -0.01 min  
 Lab File: BF121215.D  
 Acq: 6 Aug 2020 21:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 390212 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 64.7  | 51.7  | 77.5   |
| 75       | 30.1  | 23.8  | 35.6   |

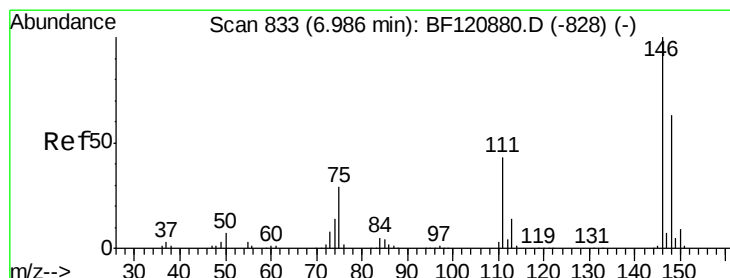
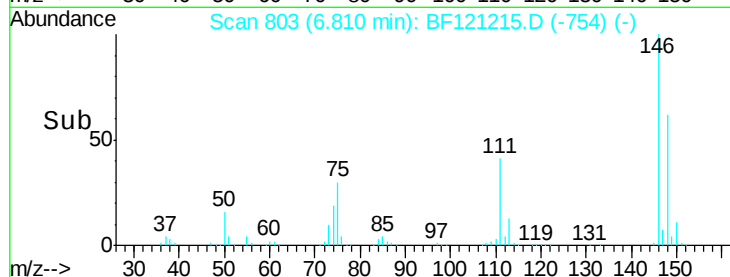
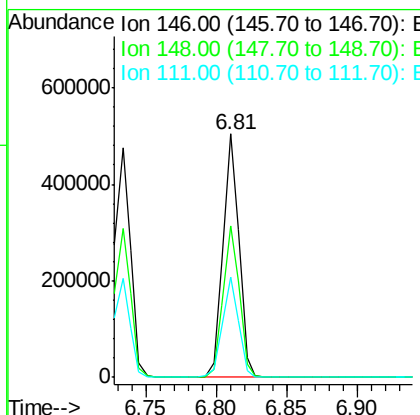
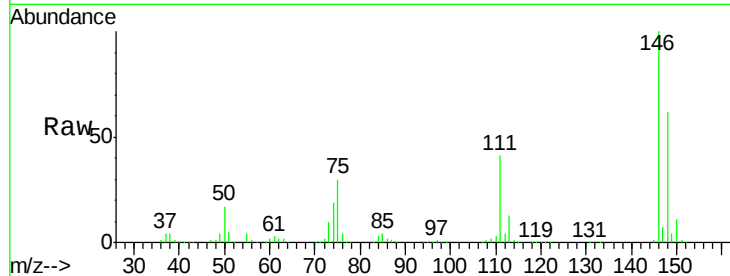




#13  
 1,4-Dichlorobenzene  
 Concen: 39.539 ng  
 RT: 6.81 min Scan# 803  
 Delta R.T. -0.01 min  
 Lab File: BF121215.D  
 Acq: 6 Aug 2020 21:43

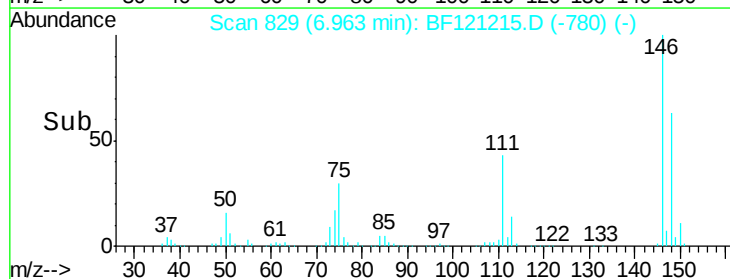
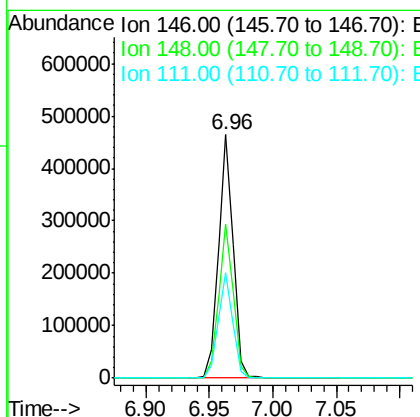
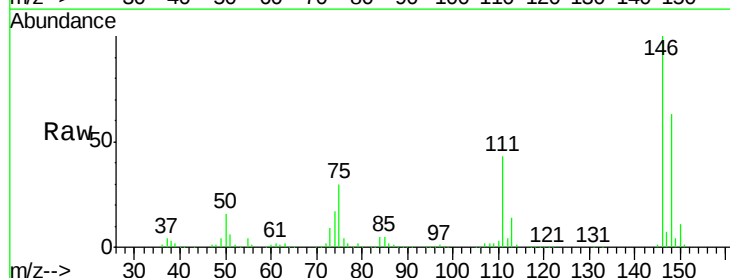
Instrument :  
 BNA\_F  
 ClientSampleId :  
 8/5-A-EMSD

Tot Ion:146 Resp: 399963  
 Ion Ratio Lower Upper  
 146 100  
 148 62.0 50.5 75.7  
 111 41.3 32.8 49.2



#14  
 1,2-Dichlorobenzene  
 Concen: 39.834 ng  
 RT: 6.96 min Scan# 829  
 Delta R.T. -0.01 min  
 Lab File: BF121215.D  
 Acq: 6 Aug 2020 21:43

Tgt Ion:146 Resp: 381205  
 Ion Ratio Lower Upper  
 146 100  
 148 63.0 50.8 76.2  
 111 43.3 35.4 53.0





#15

Benzyl Alcohol

Concen: 39.339 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

Instrument :

BNA\_F

ClientSampleId :

8/5-A-EMSD

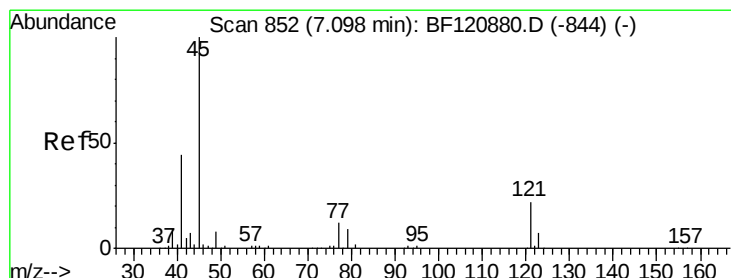
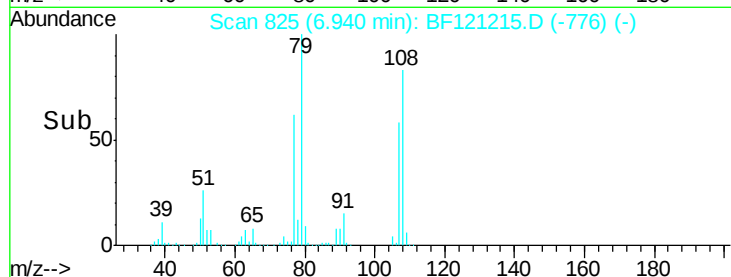
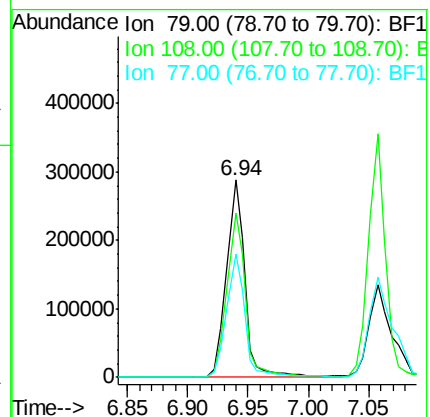
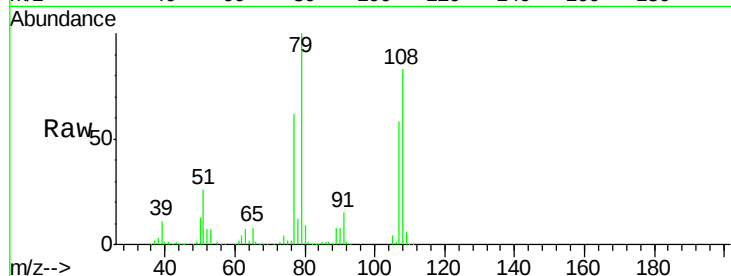
Tot Ion: 79 Resp: 306043

Ion Ratio Lower Upper

79 100

108 83.2 68.6 103.0

77 62.4 51.4 77.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.594 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.02 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

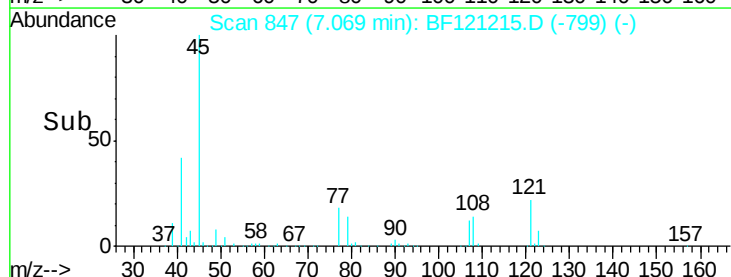
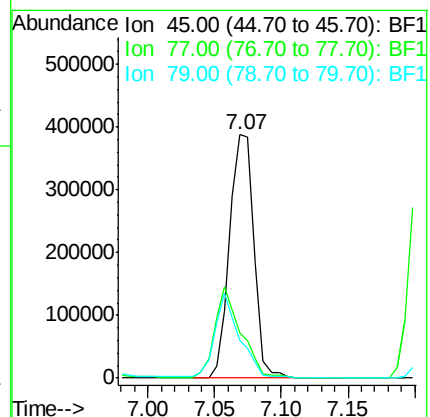
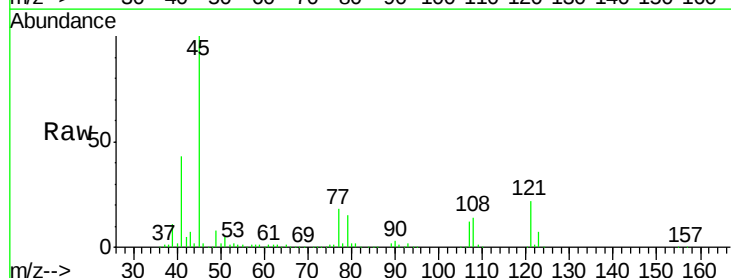
Tgt Ion: 45 Resp: 502525

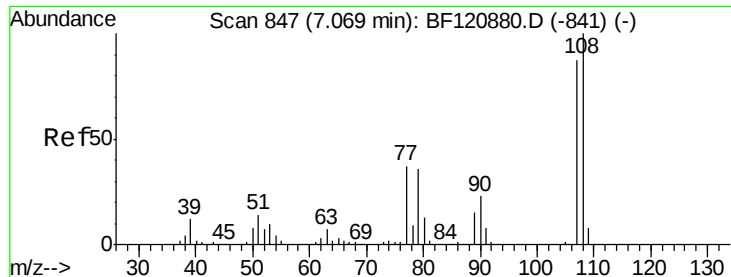
Ion Ratio Lower Upper

45 100

77 18.4 0.0 34.7

79 15.2 0.0 32.0





#17

2-Methylphenol

Concen: 36.370 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

Instrument :

BNA\_F

ClientSampleId :

8/5-A-EMSD

Tot Ion:107 Resp: 302428

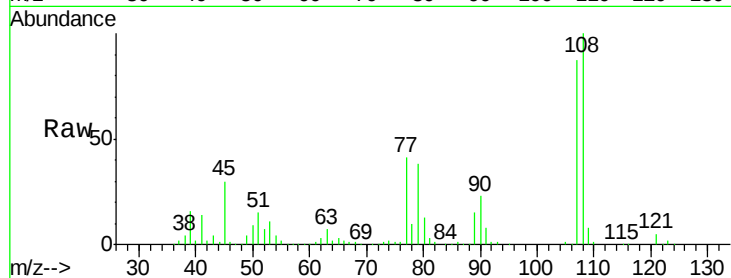
Ion Ratio Lower Upper

107 100

108 115.0 91.2 136.8

77 47.3 36.5 54.7

79 44.0 35.0 52.6

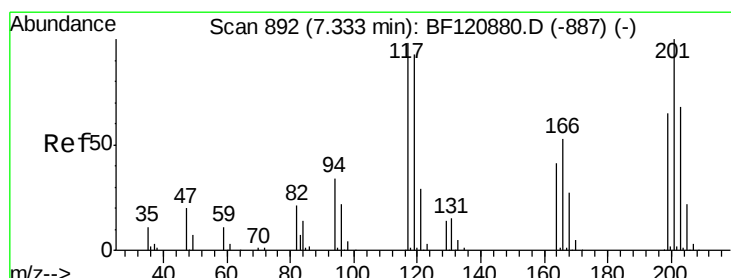
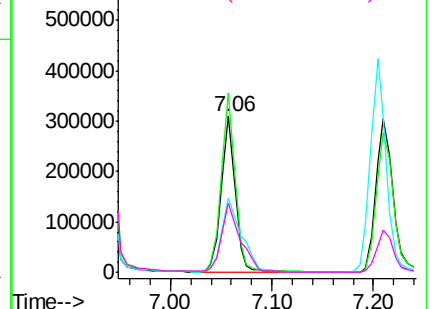
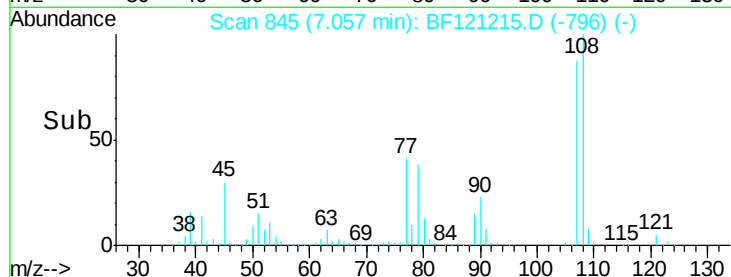


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 37.558 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

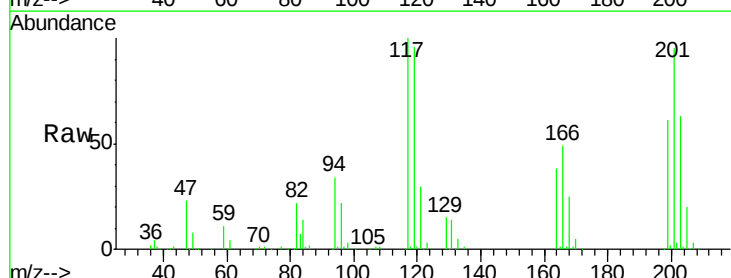
Tgt Ion:117 Resp: 137510

Ion Ratio Lower Upper

117 100

119 95.9 76.6 114.8

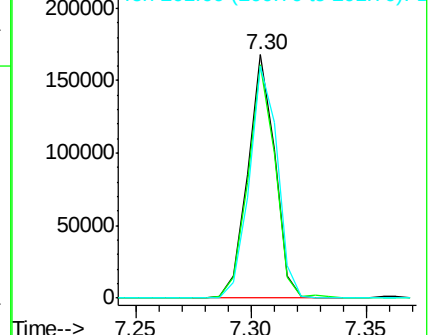
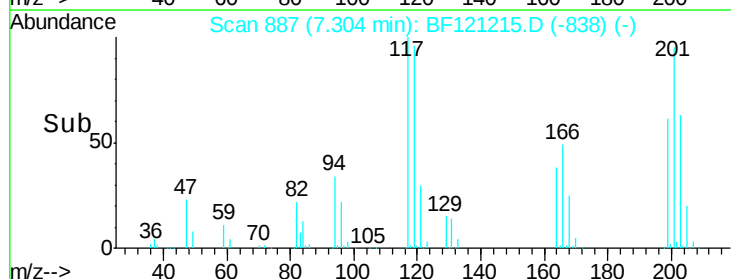
201 95.3 75.0 112.4

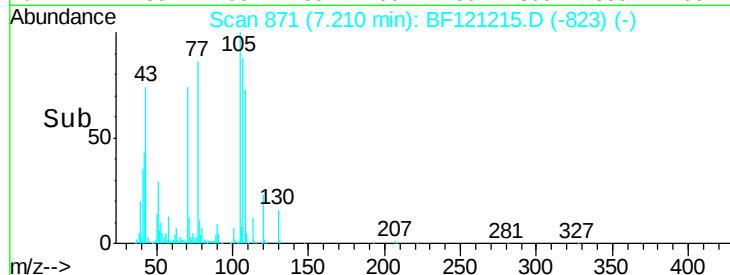
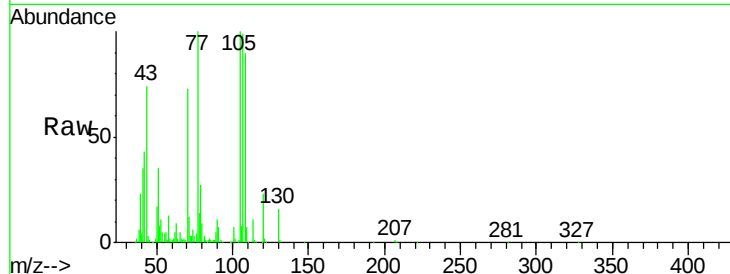
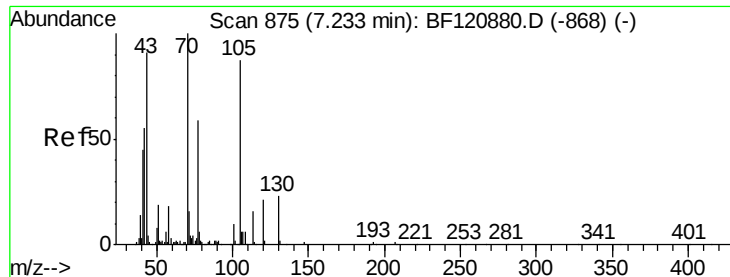


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

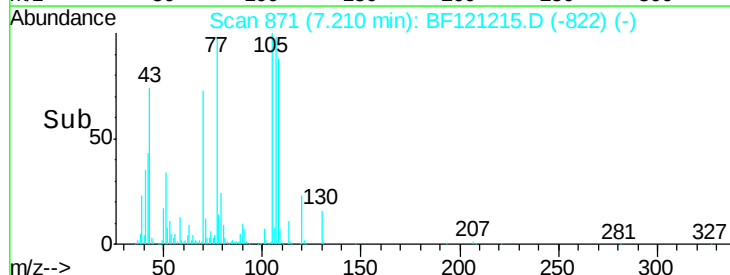
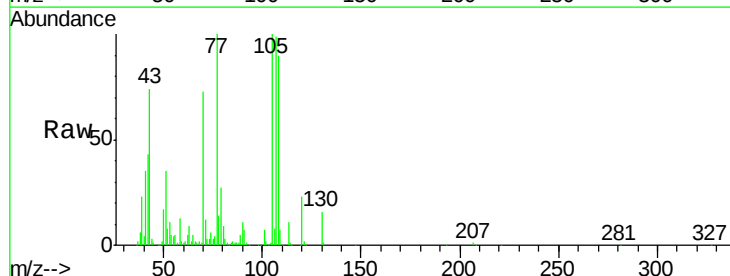
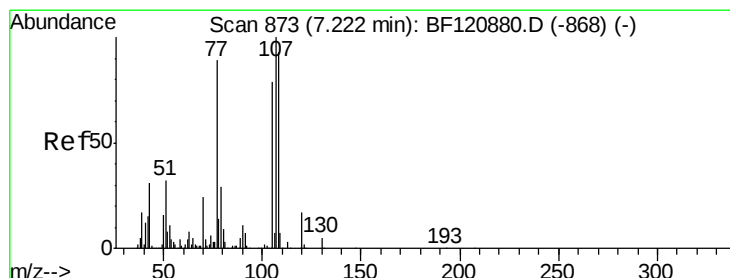
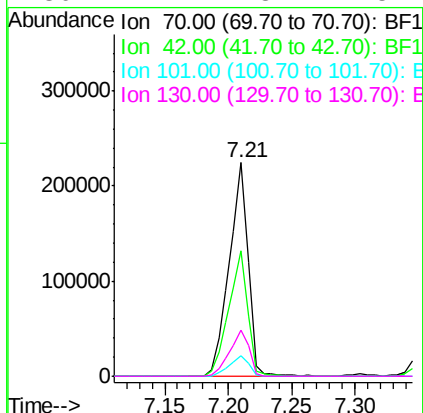




#19  
n-Nitroso-di-n-propylamine  
Concen: 37.151 ng  
RT: 7.21 min Scan# 871  
Delta R.T. -0.02 min  
Lab File: BF121215.D  
Acq: 6 Aug 2020 21:43

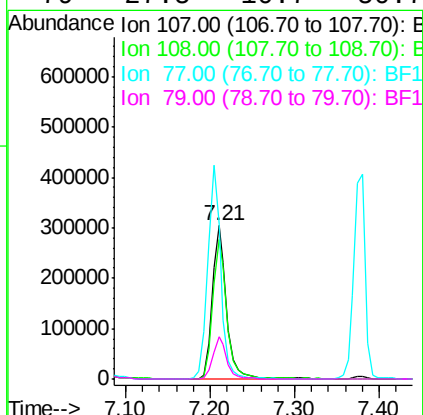
Instrument :  
BNA\_F  
ClientSampleId :  
8/5-A-EMSD

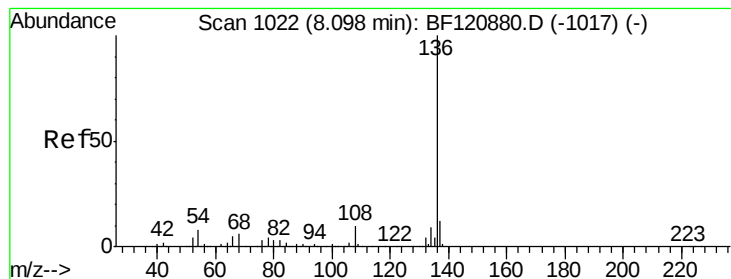
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 232392 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 58.9  | 43.3  | 64.9   |
| 101      | 9.7   | 8.4   | 12.6   |
| 130      | 21.7  | 18.7  | 28.1   |



#20  
3+4-Methylphenols  
Concen: 33.961 ng  
RT: 7.21 min Scan# 871  
Delta R.T. -0.01 min  
Lab File: BF121215.D  
Acq: 6 Aug 2020 21:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 359231 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 90.9  | 73.7  | 113.7  |
| 77       | 100.6 | 84.9  | 124.9  |
| 79       | 27.5  | 10.7  | 50.7   |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

Instrument :

BNA\_F

ClientSampleId :

8/5-A-EMSD

Tot Ion:136 Resp: 534161

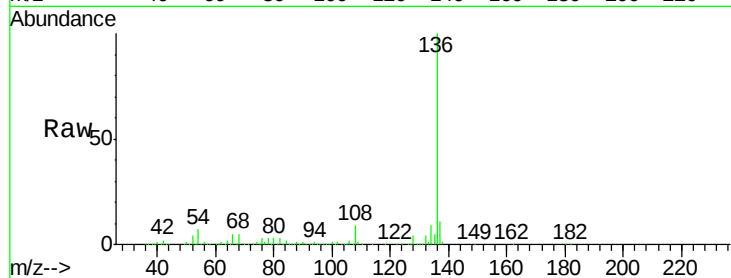
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 7.0 6.1 9.1

68 5.4 5.0 7.6

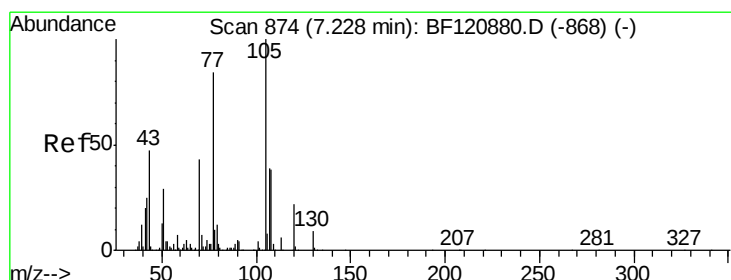
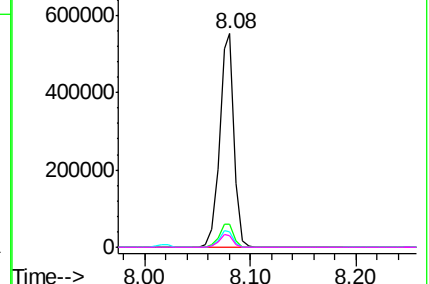
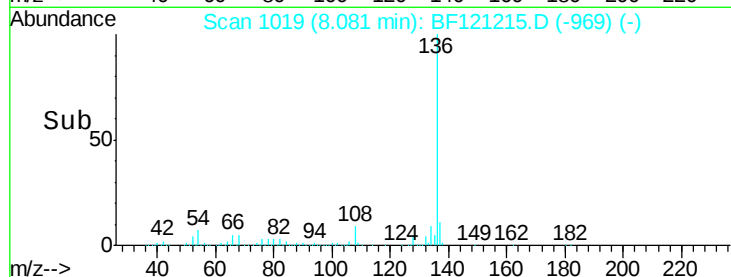


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.267 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

Tgt Ion:105 Resp: 482733

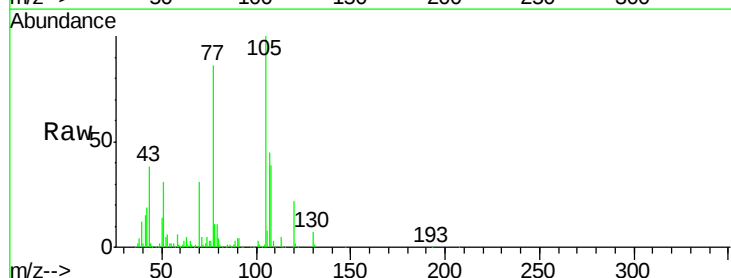
Ion Ratio Lower Upper

105 100

71 5.2 3.8 5.8

51 30.8 28.0 42.0

120 21.9 17.8 26.6

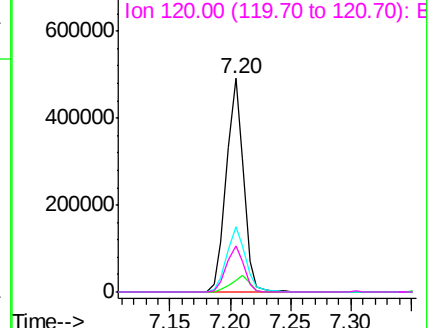
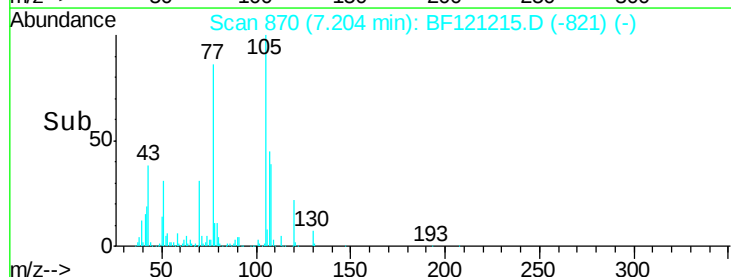


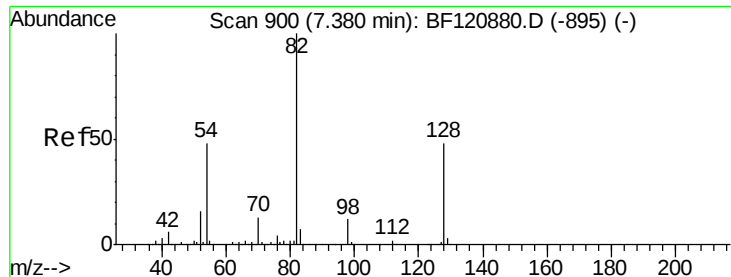
Abundance Ion 105.00 (104.70 to 105.70): E

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

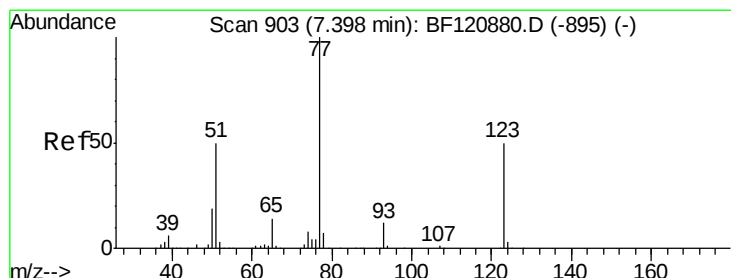
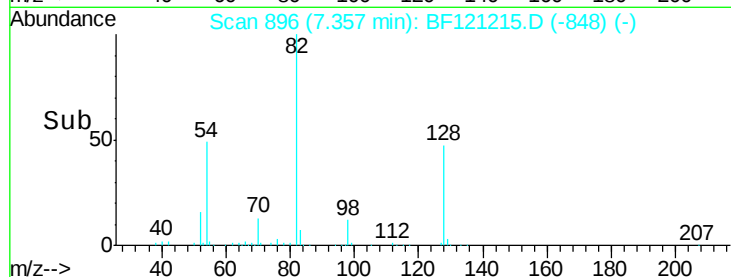
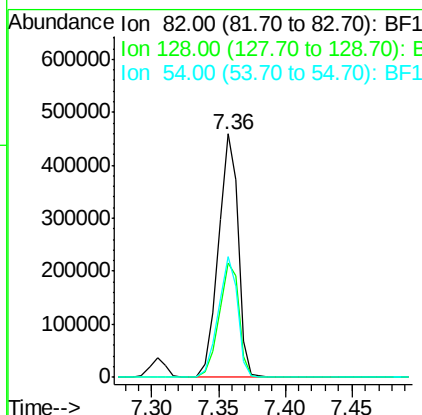
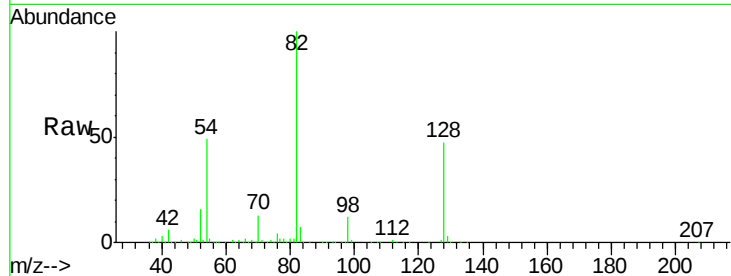




#23  
 Nitrobenzene-d5  
 Concen: 52.066 ng  
 RT: 7.36 min Scan# 896  
 Delta R.T. -0.02 min  
 Lab File: BF121215.D  
 Acq: 6 Aug 2020 21:43

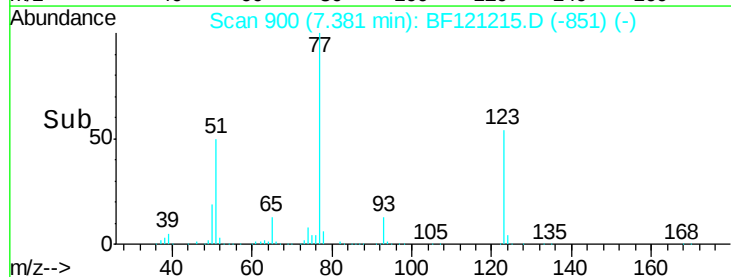
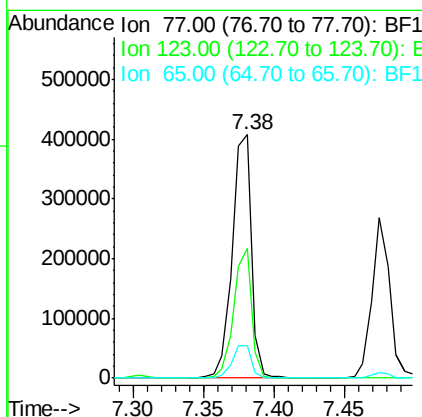
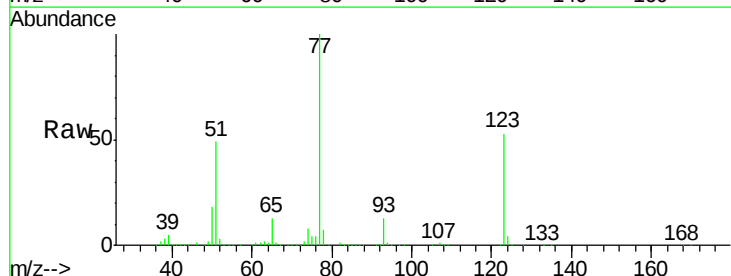
Instrument :  
 BNA\_F  
 ClientSampleId :  
 8/5-A-EMSD

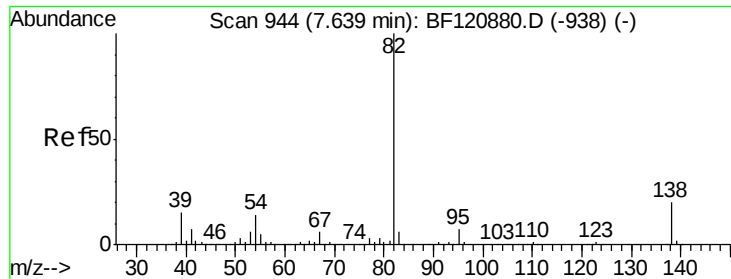
Tot Ion: 82 Resp: 480649  
 Ion Ratio Lower Upper  
 82 100  
 128 47.1 39.2 58.8  
 54 49.3 37.8 56.8



#24  
 Nitrobenzene  
 Concen: 38.510 ng  
 RT: 7.38 min Scan# 900  
 Delta R.T. -0.01 min  
 Lab File: BF121215.D  
 Acq: 6 Aug 2020 21:43

Tgt Ion: 77 Resp: 383164  
 Ion Ratio Lower Upper  
 77 100  
 123 53.4 41.0 61.6  
 65 13.1 10.3 15.5





#25

Isophorone

Concen: 37.355 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

Instrument :

BNA\_F

ClientSampleId :

8/5-A-EMSD

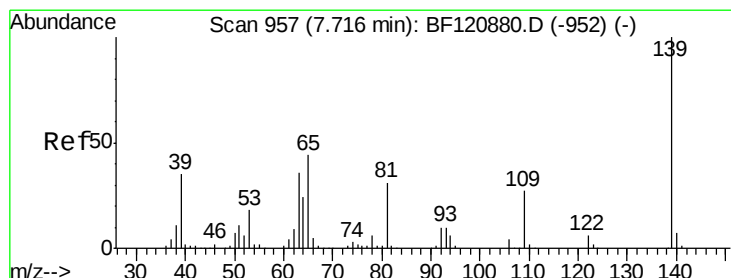
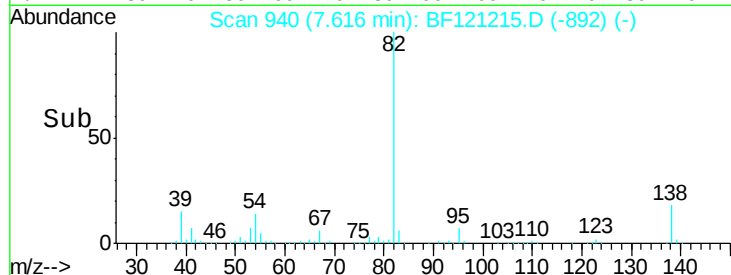
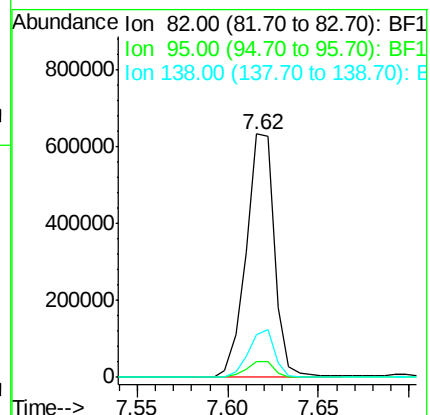
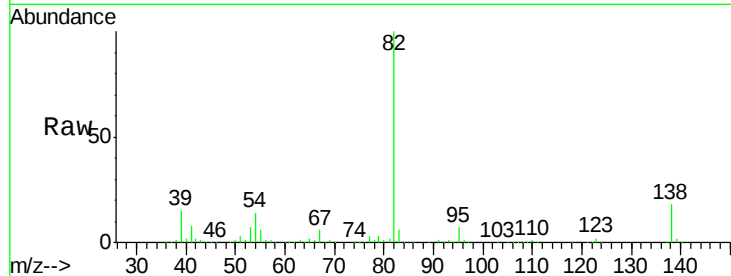
Tot Ion: 82 Resp: 688235

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

138 17.8 16.2 24.2



#26

2-Nitrophenol

Concen: 42.954 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

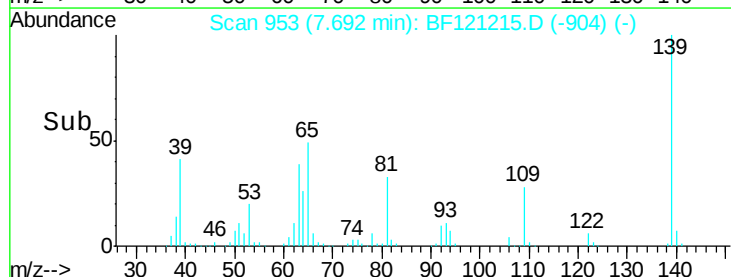
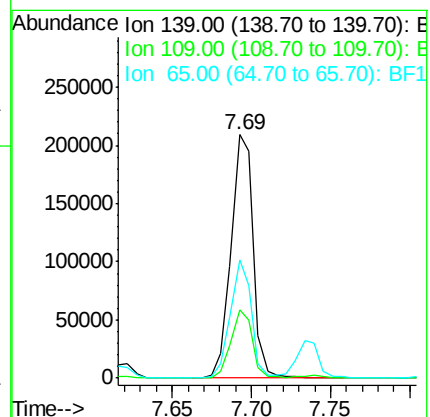
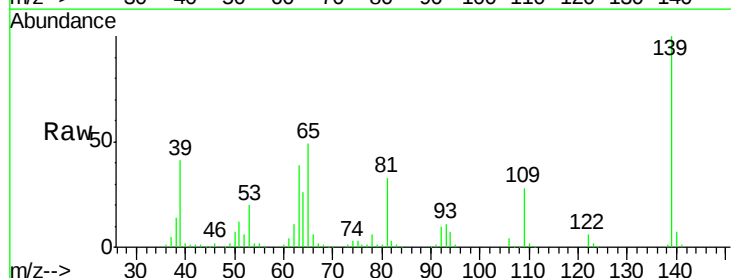
Tgt Ion: 139 Resp: 202975

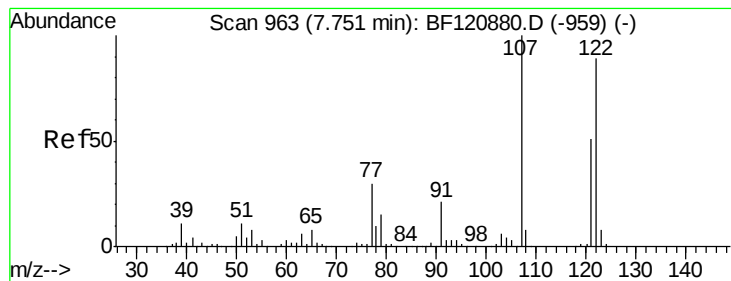
Ion Ratio Lower Upper

139 100

109 28.0 21.7 32.5

65 48.8 36.3 54.5





#27

2,4-Dimethylphenol

Concen: 43.233 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

Instrument :

BNA\_F

ClientSampleId :

8/5-A-EMSD

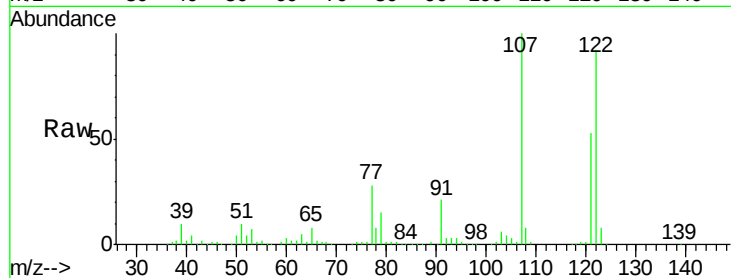
Tot Ion:122 Resp: 331691

Ion Ratio Lower Upper

122 100

107 108.9 87.1 130.7

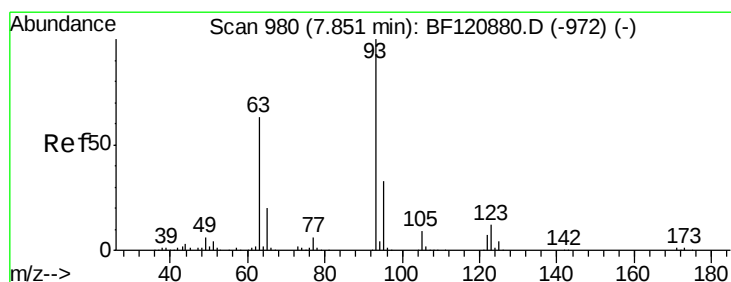
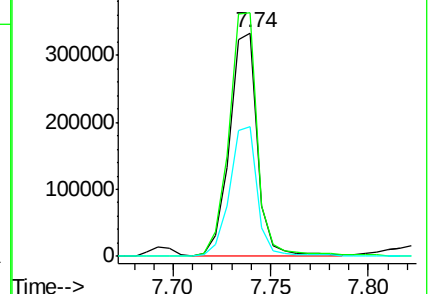
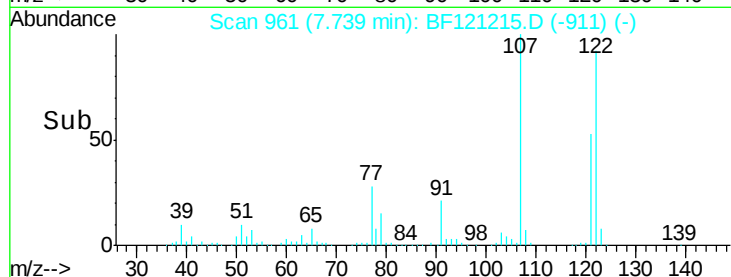
121 57.8 45.5 68.3



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: 39.453 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

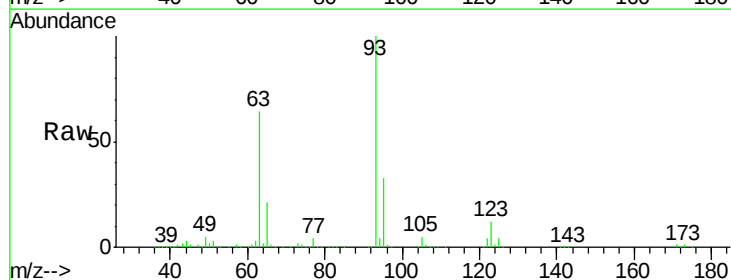
Tgt Ion: 93 Resp: 443697

Ion Ratio Lower Upper

93 100

95 33.3 26.2 39.4

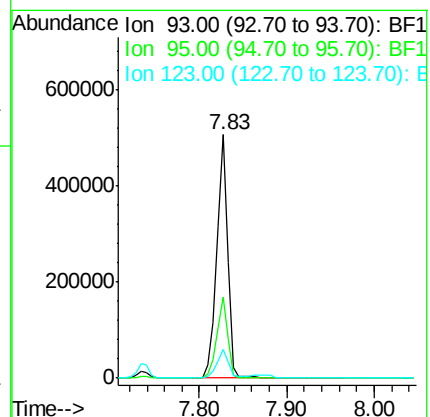
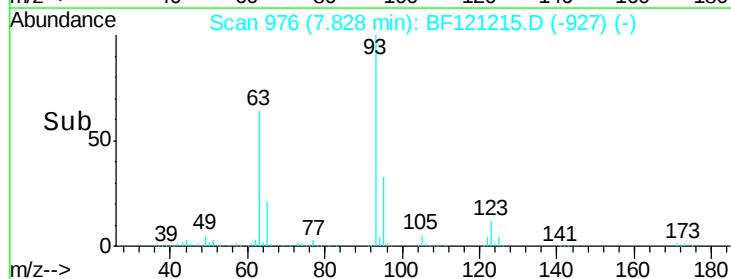
123 11.9 9.5 14.3

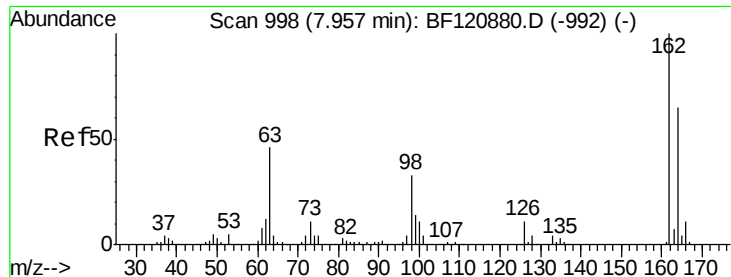


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

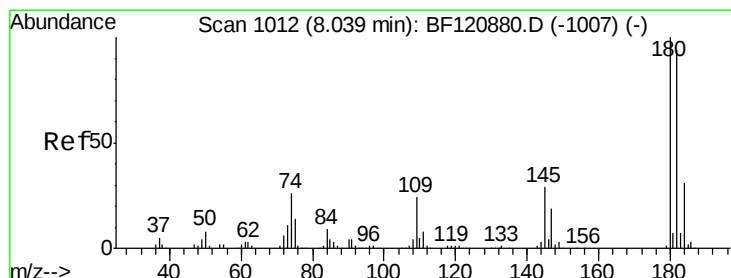
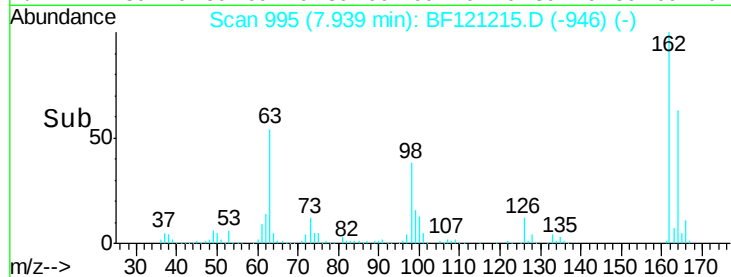
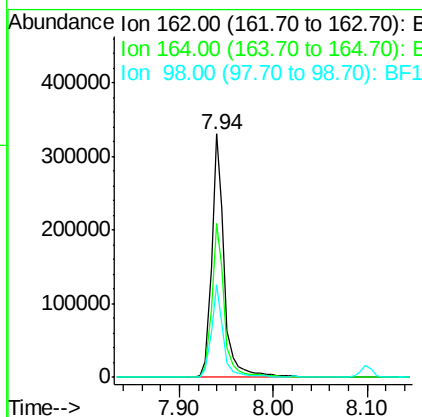
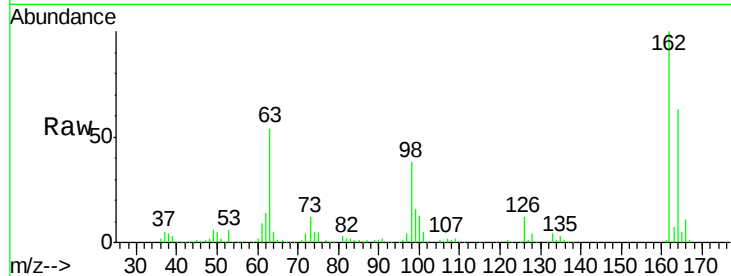




#29  
 2,4-Dichlorophenol  
 Concen: 40.000 ng  
 RT: 7.94 min Scan# 995  
 Delta R.T. -0.01 min  
 Lab File: BF121215.D  
 Acq: 6 Aug 2020 21:43

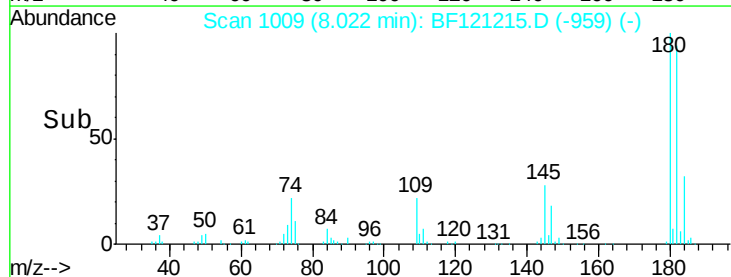
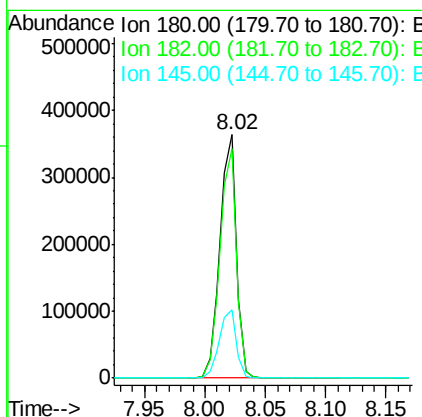
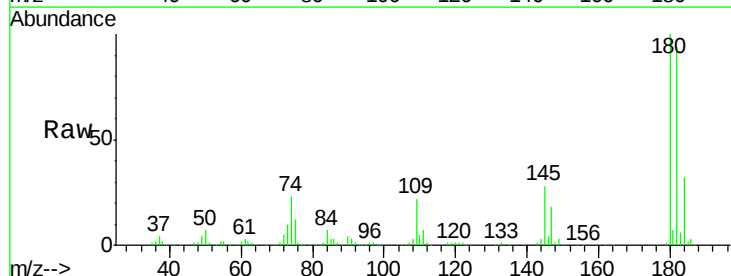
Instrument :  
 BNA\_F  
 ClientSampleId :  
 8/5-A-EMSD

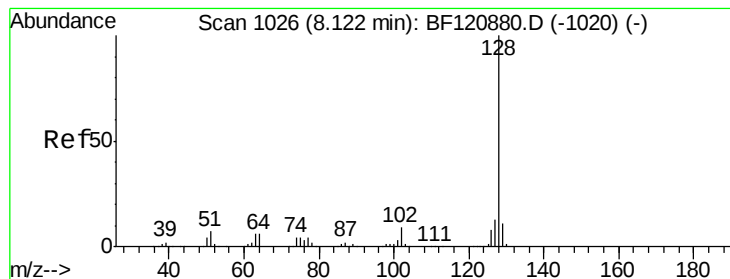
Tot Ion:162 Resp: 313596  
 Ion Ratio Lower Upper  
 162 100  
 164 63.1 44.7 84.7  
 98 37.8 14.2 54.2



#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.199 ng  
 RT: 8.02 min Scan# 1009  
 Delta R.T. -0.01 min  
 Lab File: BF121215.D  
 Acq: 6 Aug 2020 21:43

Tgt Ion:180 Resp: 340958  
 Ion Ratio Lower Upper  
 180 100  
 182 94.4 76.4 114.6  
 145 28.3 24.2 36.4





#31

Naphthalene

Concen: 38.021 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

Instrument :

BNA\_F

ClientSampleId :

8/5-A-EMSD

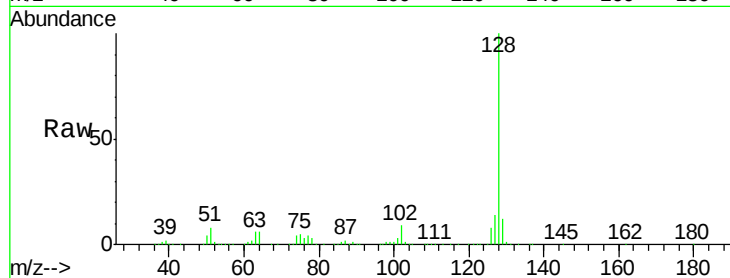
Tot Ion:128 Resp: 1041779

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

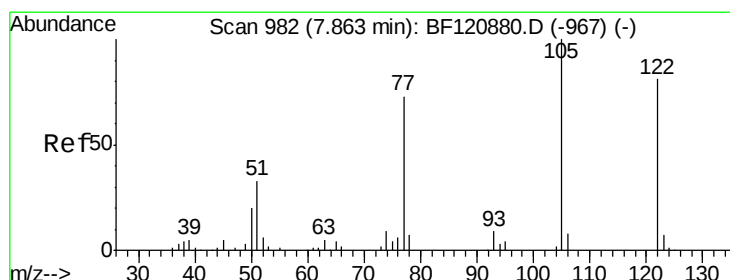
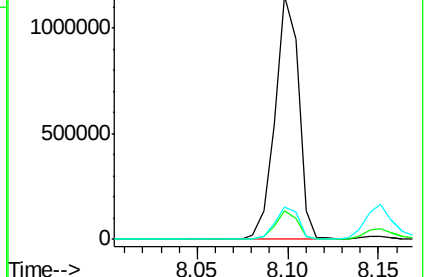
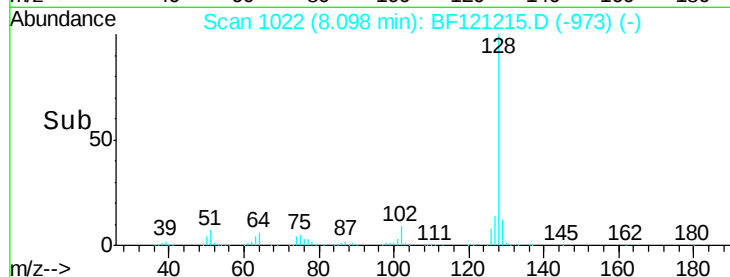
127 13.5 10.8 16.2



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: 38.949 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

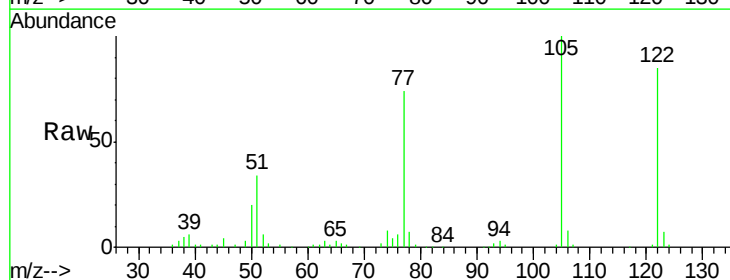
Tgt Ion:122 Resp: 224318

Ion Ratio Lower Upper

122 100

105 117.2 100.9 140.9

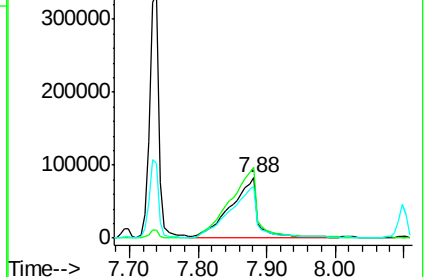
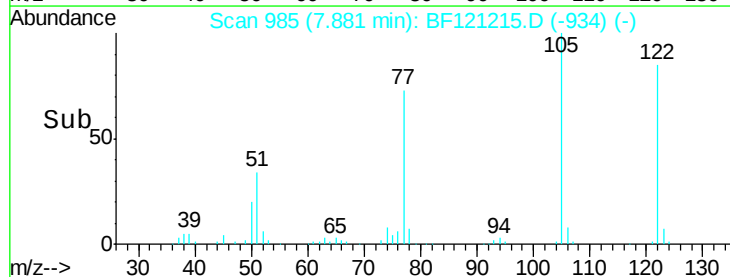
77 86.4 67.8 107.8

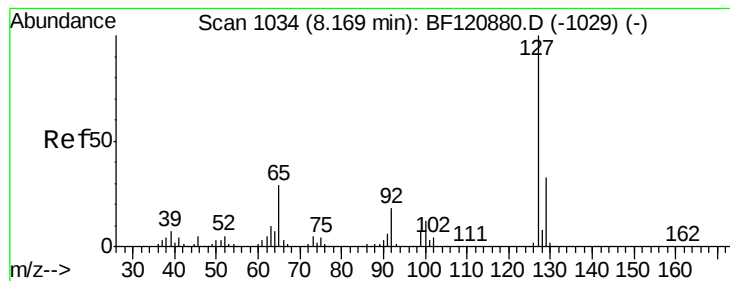


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 16.583 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

Instrument :

BNA\_F

ClientSampleId :

8/5-A-EMSD

Tot Ion:127 Resp: 202698

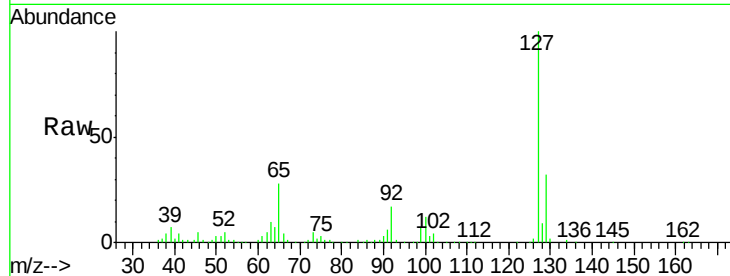
Ion Ratio Lower Upper

127 100

129 31.7 26.2 39.2

65 28.3 21.4 32.0

92 17.3 13.8 20.8

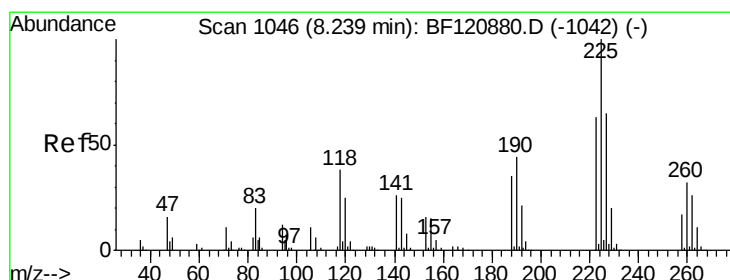
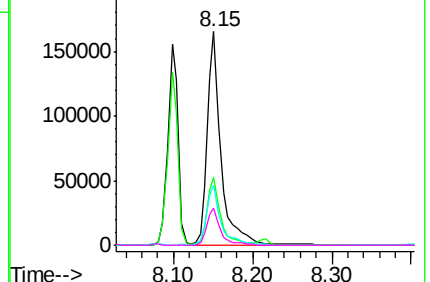
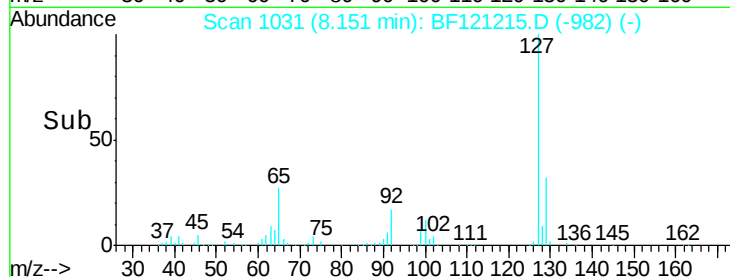


Abundance Ion 127.00 (126.70 to 127.70): E

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: 37.772 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

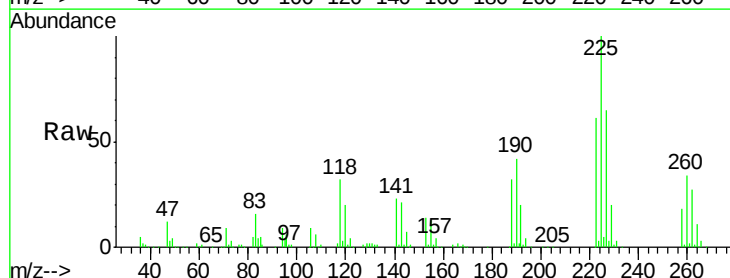
Tgt Ion:225 Resp: 193680

Ion Ratio Lower Upper

225 100

223 61.3 49.7 74.5

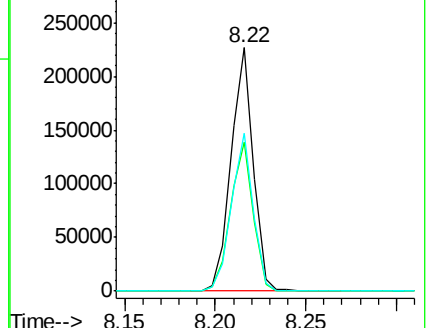
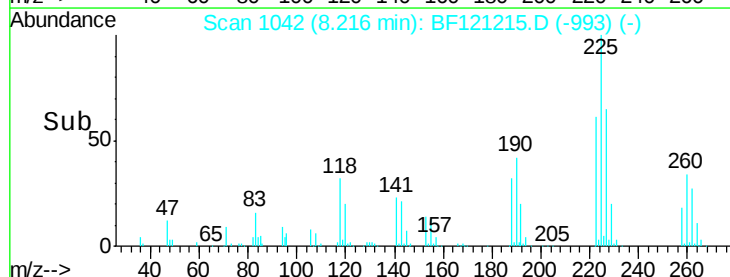
227 64.7 51.4 77.0

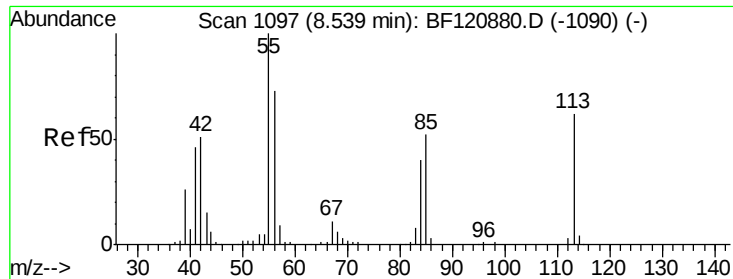


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.733 ng

RT: 8.53 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

Instrument :

BNA\_F

ClientSampleId :

8/5-A-EMSD

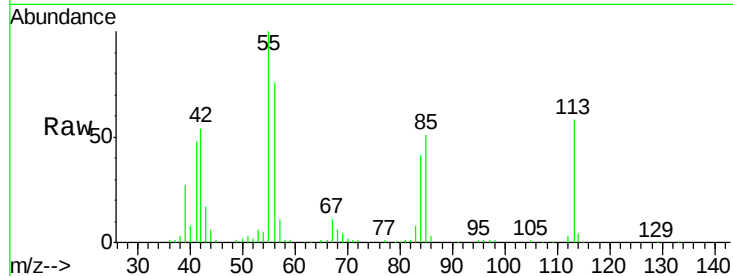
Tot Ion:113 Resp: 104923

Ion Ratio Lower Upper

113 100

55 172.1 131.0 171.0#

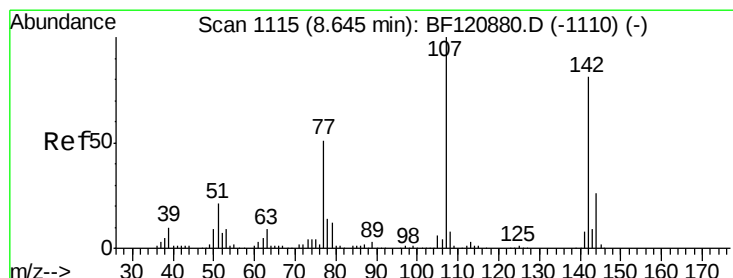
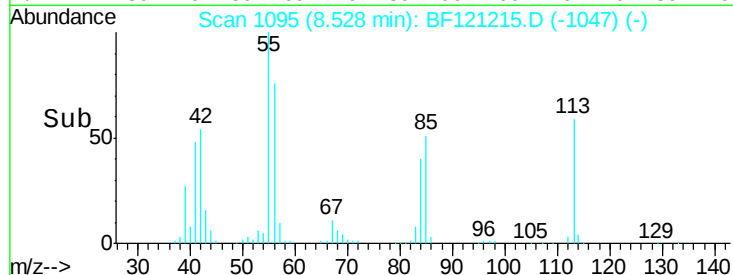
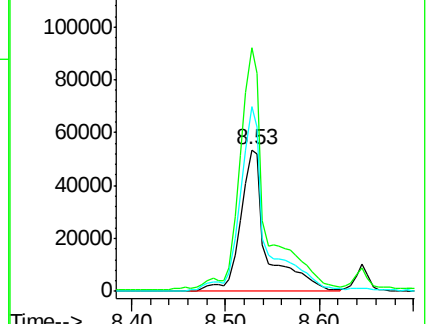
56 130.4 90.4 130.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.320 ng

RT: 8.65 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

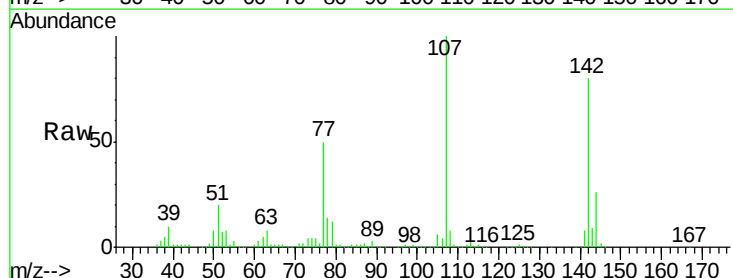
Tgt Ion:107 Resp: 324193

Ion Ratio Lower Upper

107 100

144 26.5 20.9 31.3

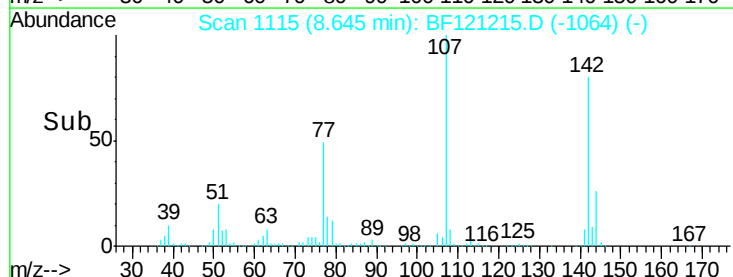
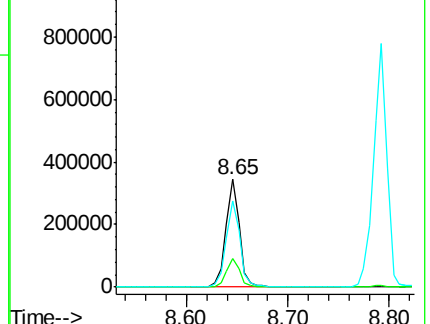
142 80.4 64.5 96.7

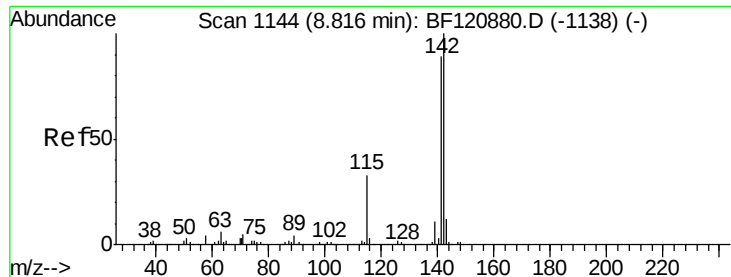


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

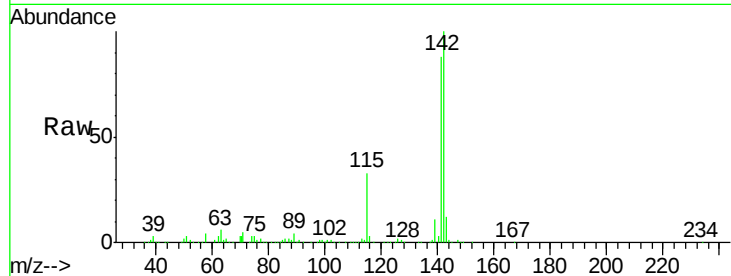




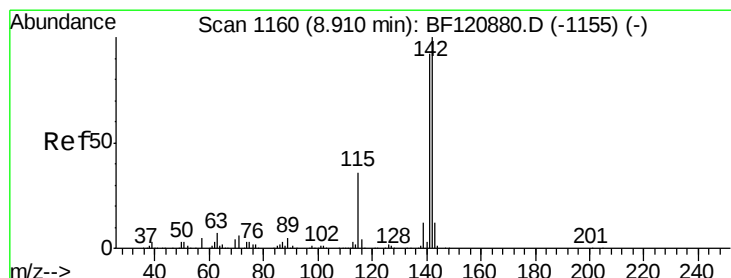
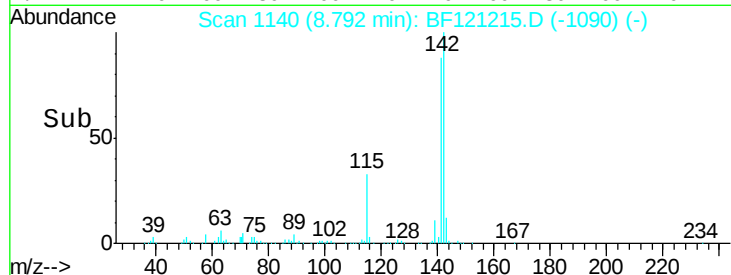
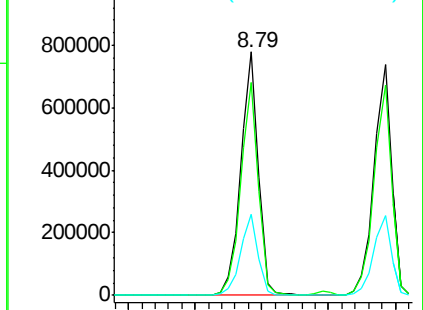
#37  
2-Methylnaphthalene  
Concen: 40.213 ng  
RT: 8.79 min Scan# 1140  
Delta R.T. -0.01 min  
Lab File: BF121215.D  
Acq: 6 Aug 2020 21:43

Instrument :  
BNA\_F  
ClientSampleId :  
8/5-A-EMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 87.7  | 70.6  | 105.8 |
| 115     | 33.2  | 27.1  | 40.7  |

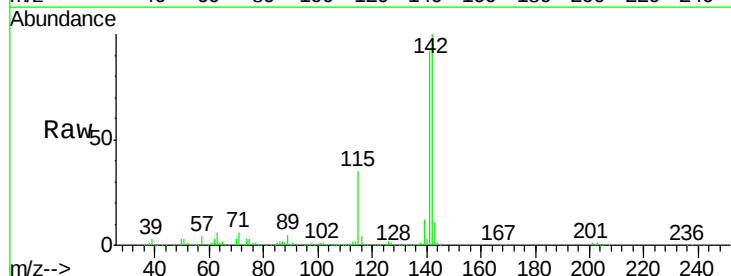


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

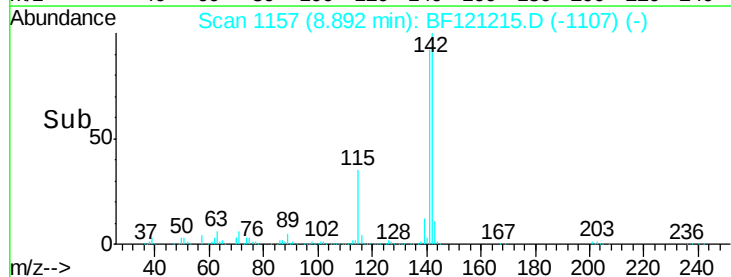
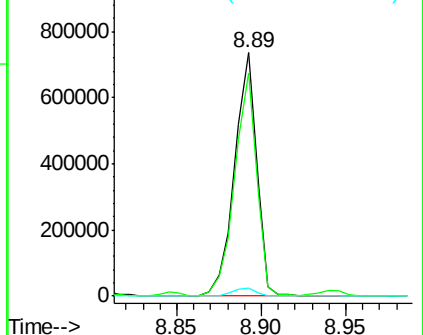


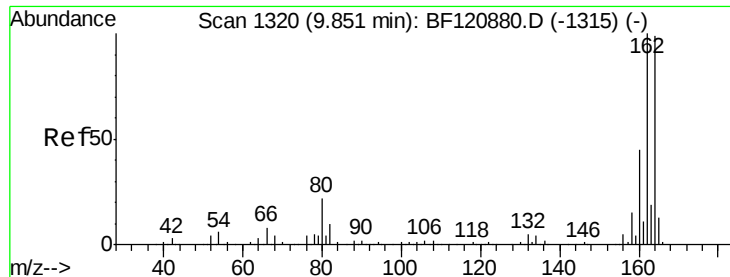
#38  
1-Methylnaphthalene  
Concen: 39.489 ng  
RT: 8.89 min Scan# 1157  
Delta R.T. -0.01 min  
Lab File: BF121215.D  
Acq: 6 Aug 2020 21:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.6  | 73.0  | 109.6 |
| 116     | 3.6   | 3.0   | 4.6   |



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

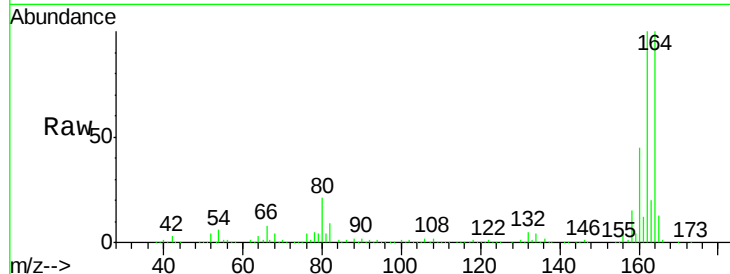




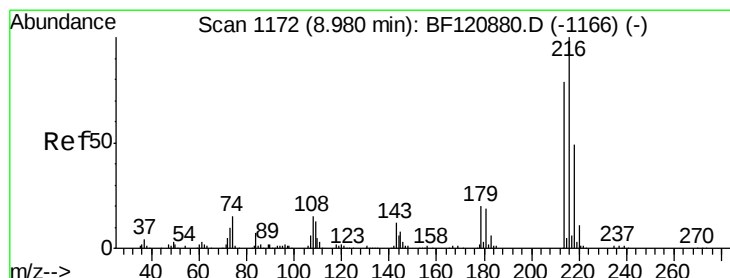
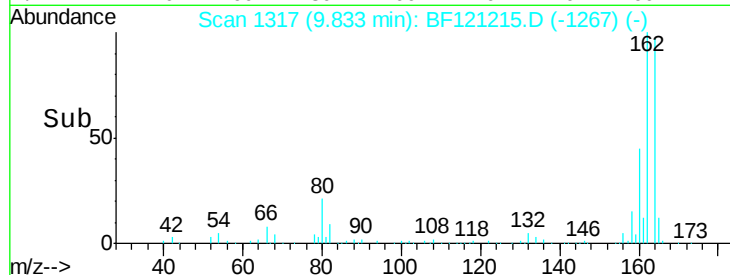
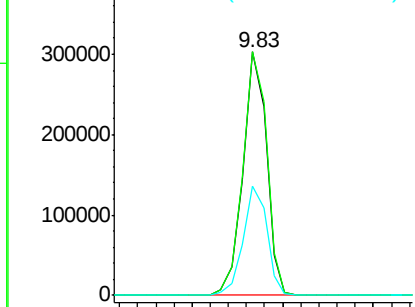
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.83 min Scan# 1317  
 Delta R.T. -0.01 min  
 Lab File: BF121215.D  
 Acq: 6 Aug 2020 21:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 8/5-A-EMSD

Tot Ion:164 Resp: 275022  
 Ion Ratio Lower Upper  
 164 100  
 162 100.0 82.2 123.2  
 160 45.0 37.2 55.8

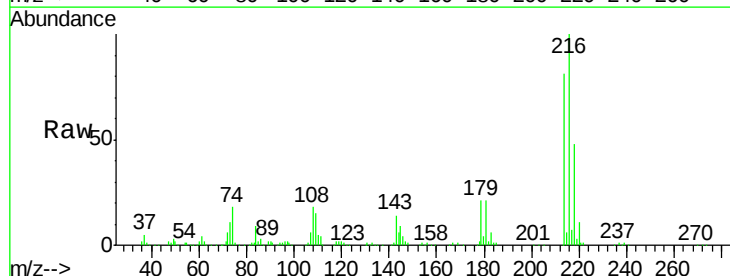


Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

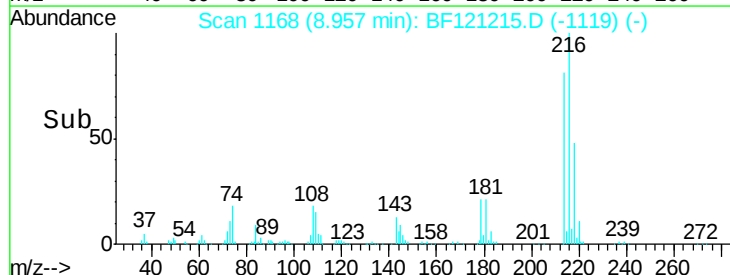
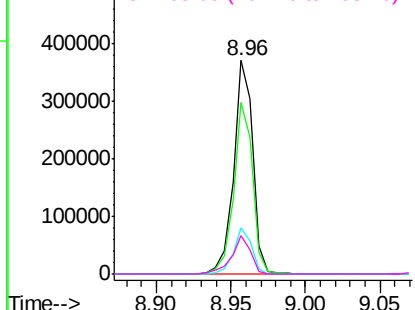


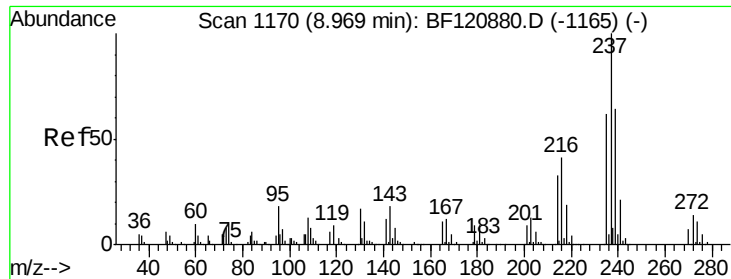
#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 41.640 ng  
 RT: 8.96 min Scan# 1168  
 Delta R.T. -0.01 min  
 Lab File: BF121215.D  
 Acq: 6 Aug 2020 21:43

Tgt Ion:216 Resp: 333661  
 Ion Ratio Lower Upper  
 216 100  
 214 79.8 63.9 95.9  
 179 20.6 16.6 24.8  
 108 18.4 15.0 22.4



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: 31.156 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

Instrument :

BNA\_F

ClientSampleId :

8/5-A-EMSD

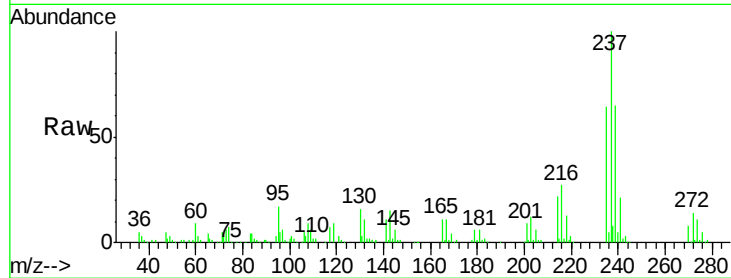
Tot Ion:237 Resp: 137978

Ion Ratio Lower Upper

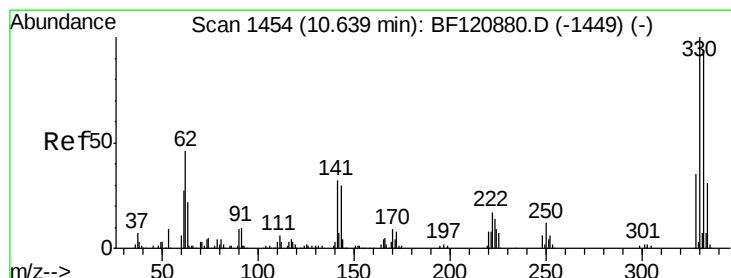
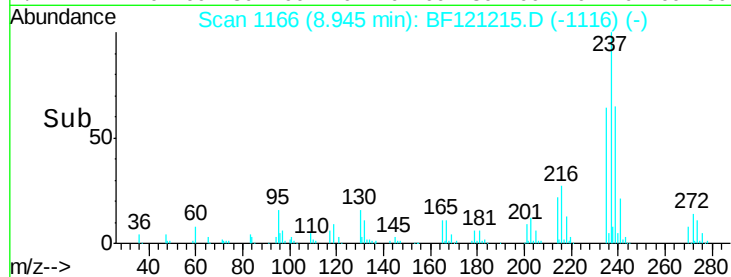
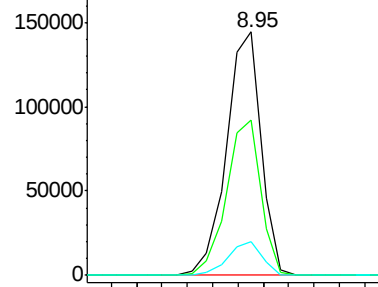
237 100

235 63.7 43.2 83.2

272 13.8 0.0 33.6



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: 72.106 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

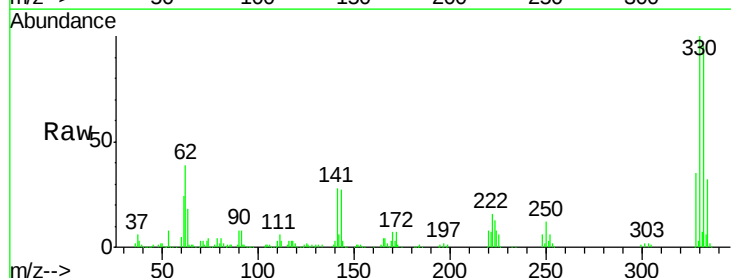
Tgt Ion:330 Resp: 217067

Ion Ratio Lower Upper

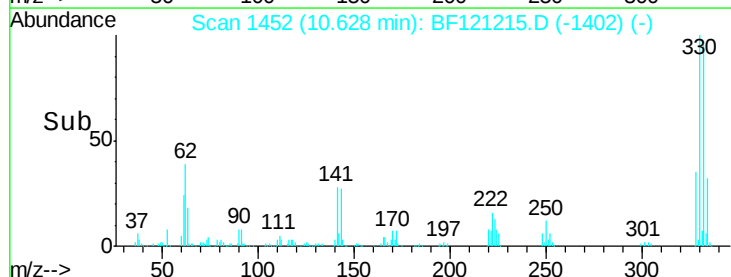
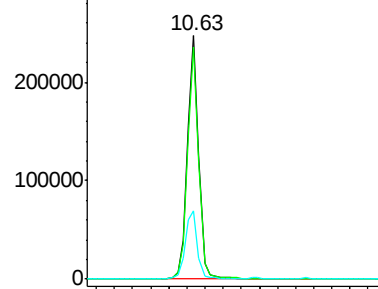
330 100

332 94.7 76.1 114.1

141 30.5 24.1 36.1



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

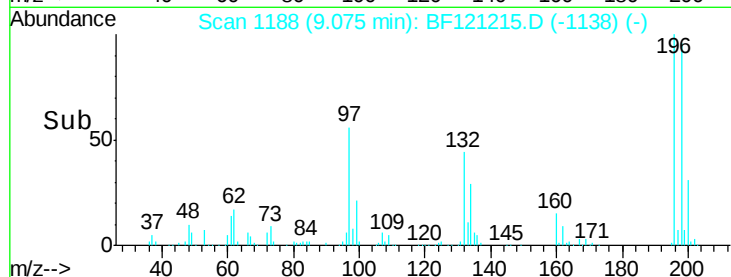
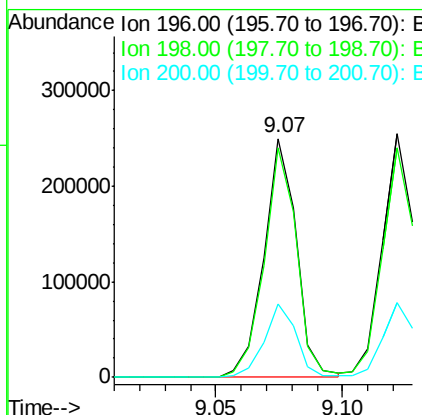
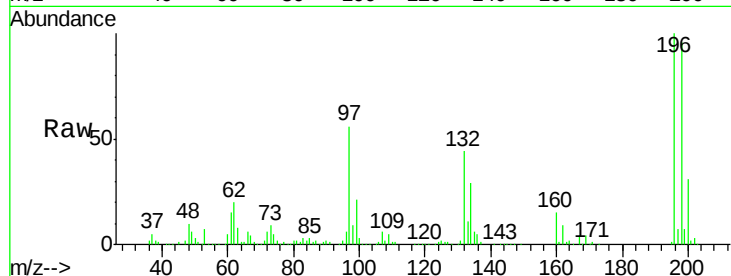




#43  
 2,4,6-Trichlorophenol  
 Concen: 39.888 ng  
 RT: 9.07 min Scan# 1188  
 Delta R.T. -0.01 min  
 Lab File: BF121215.D  
 Acq: 6 Aug 2020 21:43

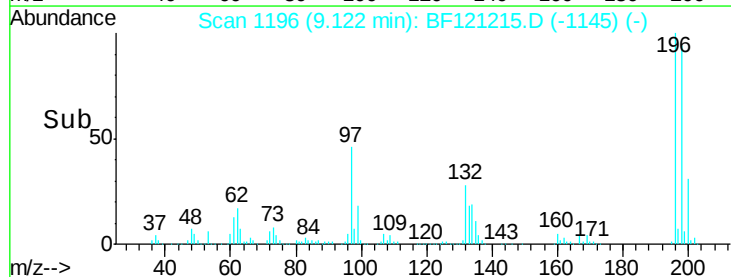
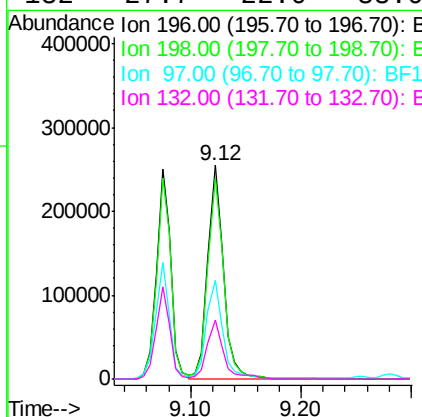
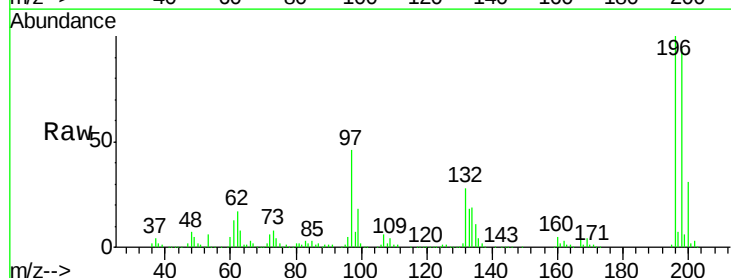
Instrument :  
 BNA\_F  
 ClientSampleId :  
 8/5-A-EMSD

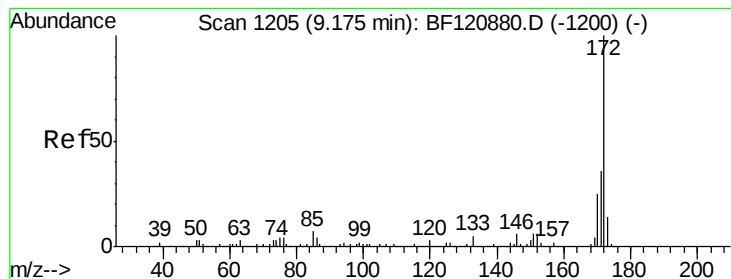
Tot Ion:196 Resp: 225040  
 Ion Ratio Lower Upper  
 196 100  
 198 96.2 77.5 116.3  
 200 30.8 24.6 37.0



#44  
 2,4,5-Trichlorophenol  
 Concen: 38.307 ng  
 RT: 9.12 min Scan# 1196  
 Delta R.T. 0.00 min  
 Lab File: BF121215.D  
 Acq: 6 Aug 2020 21:43

Tgt Ion:196 Resp: 245156  
 Ion Ratio Lower Upper  
 196 100  
 198 94.2 76.2 114.4  
 97 46.4 37.3 55.9  
 132 27.7 22.0 33.0





#45

2-Fluorobiphenyl

Concen: 48.347 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

Instrument :

BNA\_F

ClientSampleId :

8/5-A-EMSD

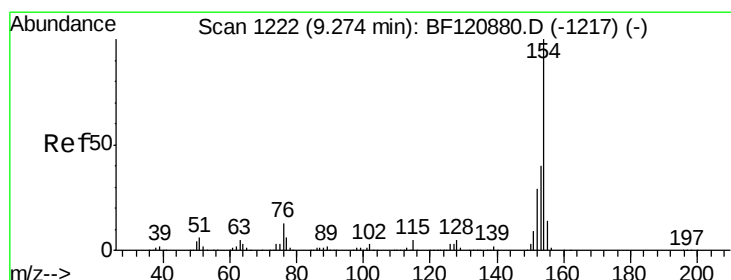
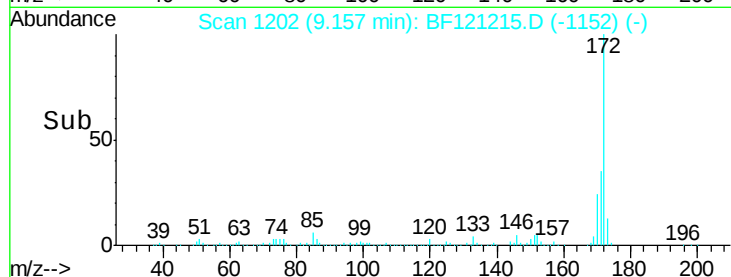
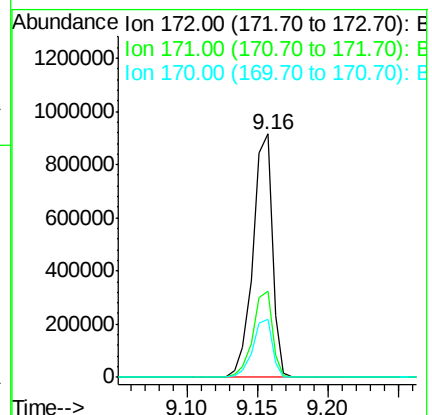
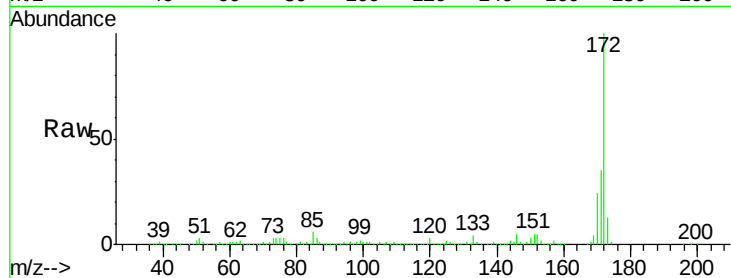
Tot Ion:172 Resp: 890559

Ion Ratio Lower Upper

172 100

171 35.4 29.0 43.4

170 23.6 19.6 29.4



#46

1,1'-Biphenyl

Concen: 40.804 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

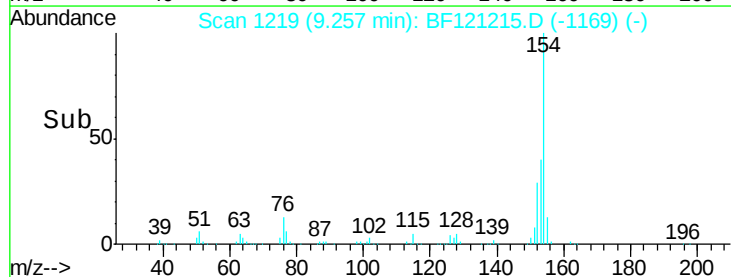
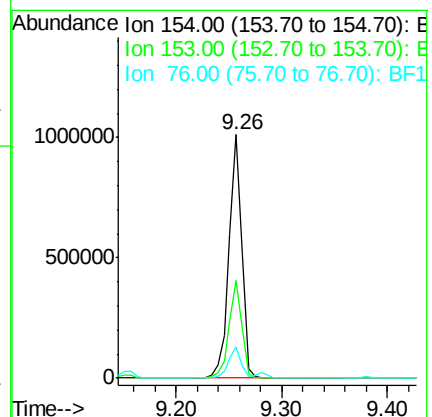
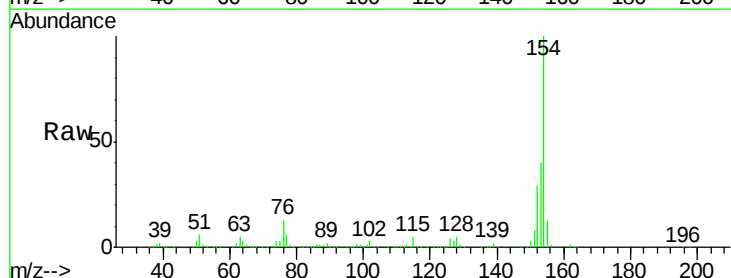
Tgt Ion:154 Resp: 856020

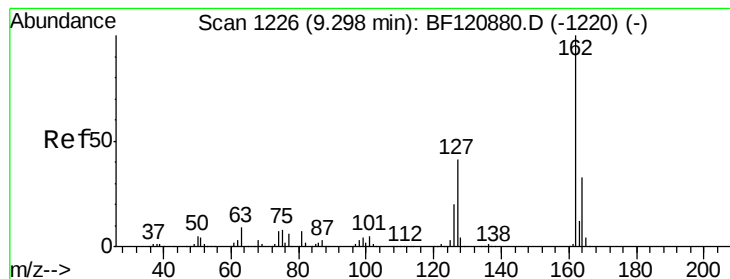
Ion Ratio Lower Upper

154 100

153 40.3 20.6 60.6

76 12.6 0.0 33.4





#47

2-Chloronaphthalene

Concen: 38.723 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

Instrument :

BNA\_F

ClientSampleId :

8/5-A-EMSD

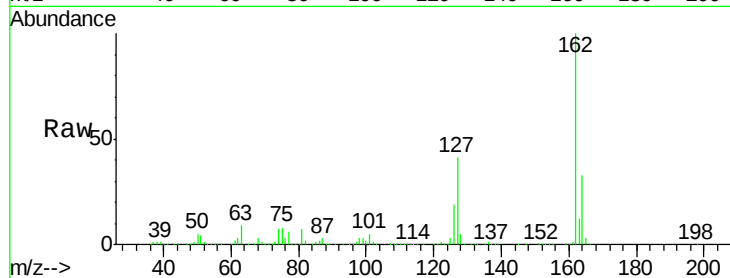
Tot Ion:162 Resp: 662315

Ion Ratio Lower Upper

162 100

127 40.7 31.1 46.7

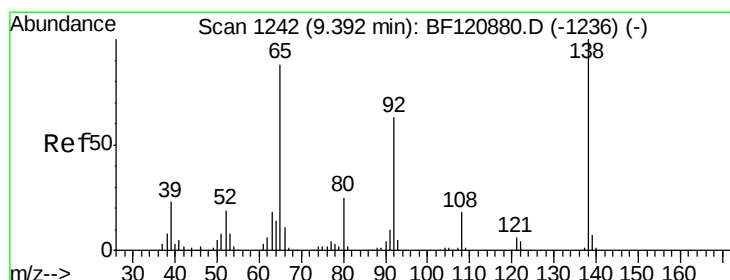
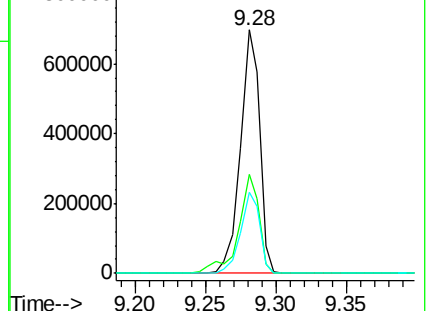
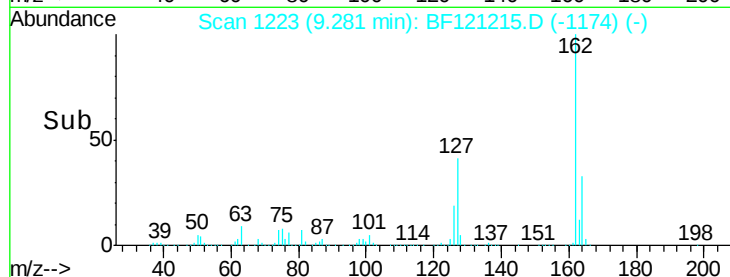
164 33.0 26.6 40.0



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: 40.650 ng

RT: 9.38 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

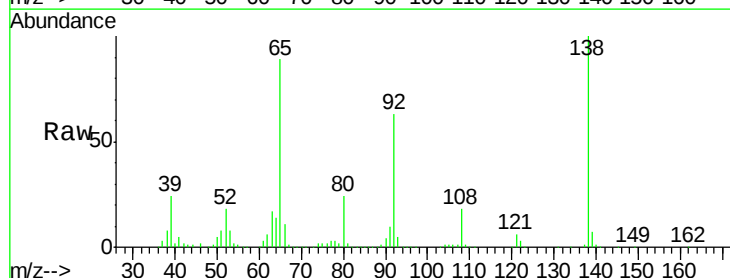
Tgt Ion: 65 Resp: 210115

Ion Ratio Lower Upper

65 100

92 70.3 58.0 87.0

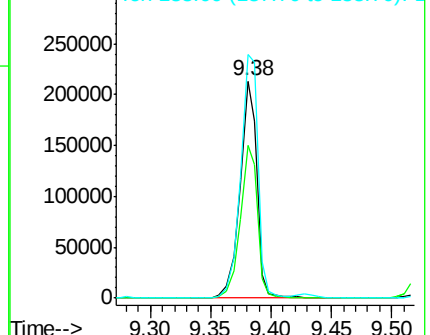
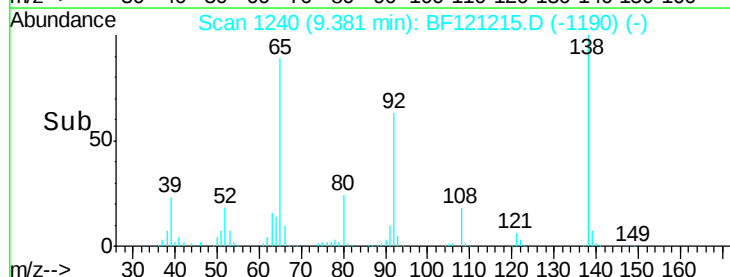
138 112.1 93.3 139.9

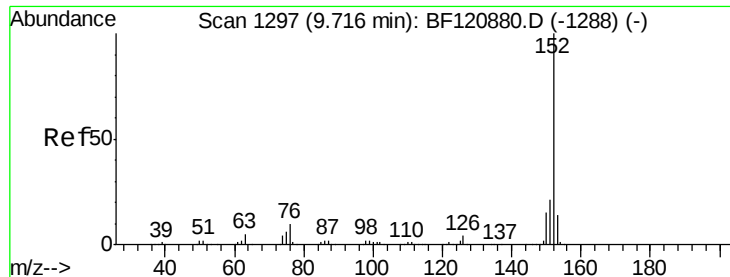


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.594 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

Instrument :

BNA\_F

ClientSampleId :

8/5-A-EMSD

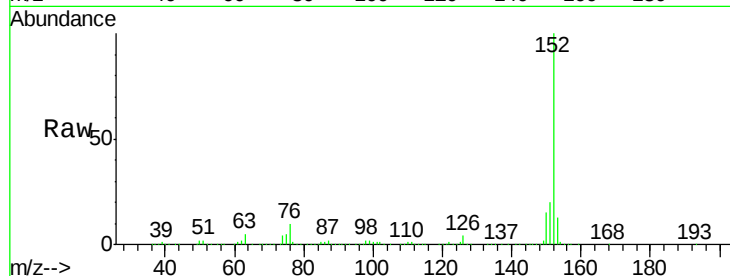
Tot Ion:152 Resp: 1052075

Ion Ratio Lower Upper

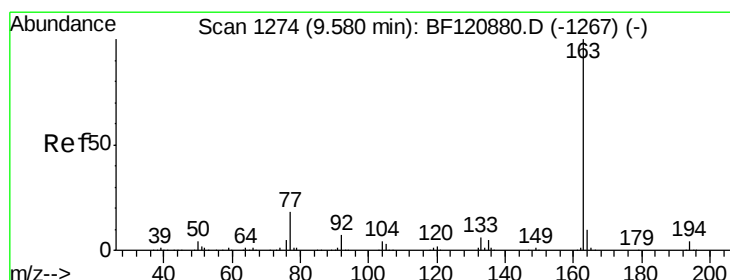
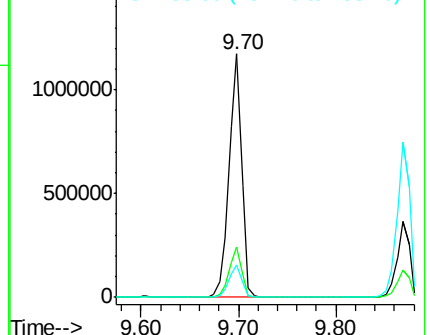
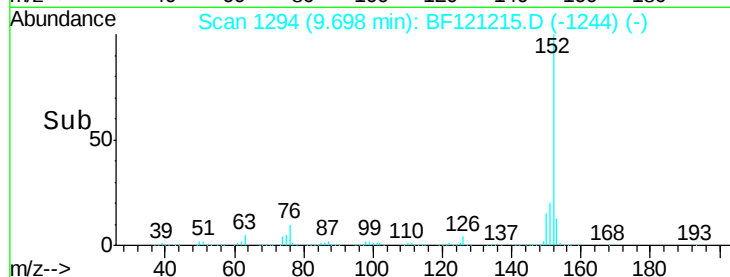
152 100

151 20.4 16.6 25.0

153 13.4 11.0 16.4



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



#50

Dimethylphthalate

Concen: 44.535 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

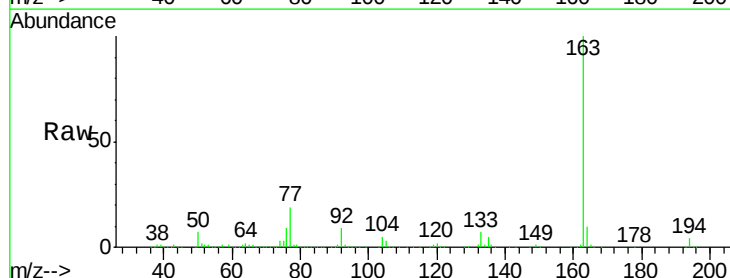
Tgt Ion:163 Resp: 883634

Ion Ratio Lower Upper

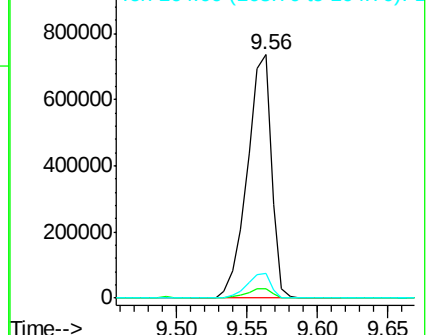
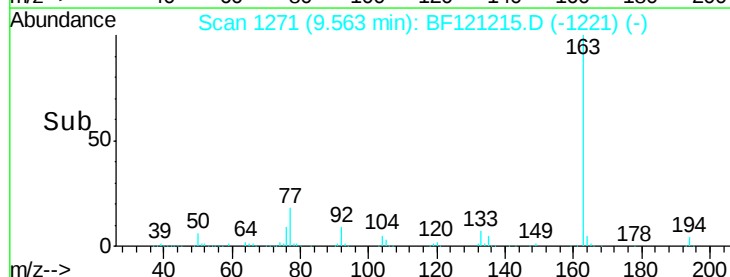
163 100

194 3.9 3.0 4.4

164 10.2 8.4 12.6



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





#51

2,6-Dinitrotoluene

Concen: 40.671 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

Instrument :

BNA\_F

ClientSampleId :

8/5-A-EMSD

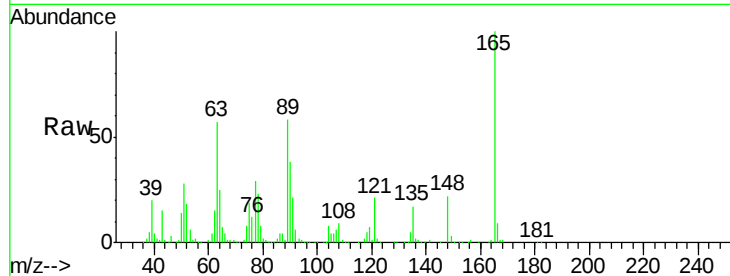
Tot Ion:165 Resp: 173366

Ion Ratio Lower Upper

165 100

63 57.1 41.1 61.7

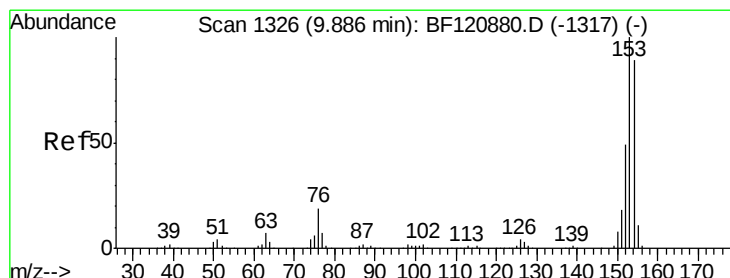
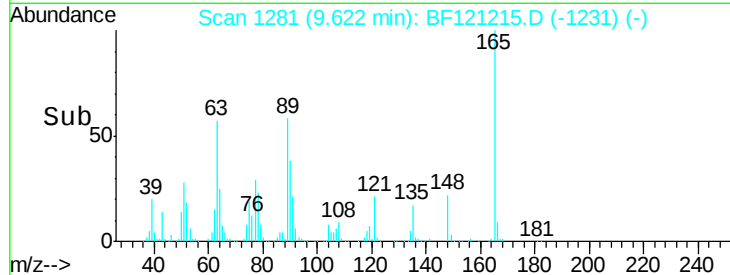
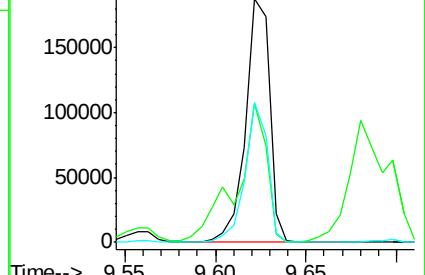
89 57.7 43.5 65.3



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: 35.780 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

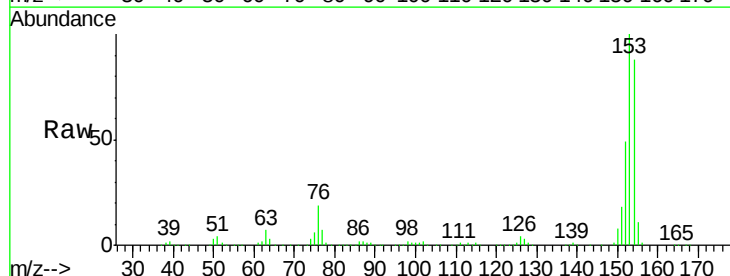
Tgt Ion:154 Resp: 604453

Ion Ratio Lower Upper

154 100

153 113.1 89.6 134.4

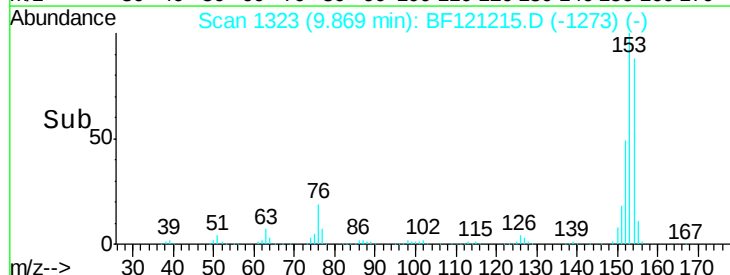
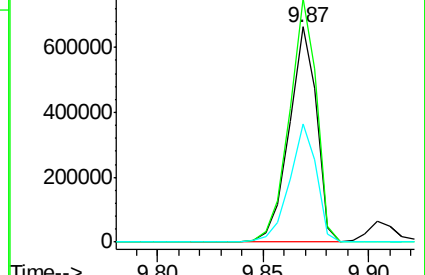
152 55.1 43.8 65.6

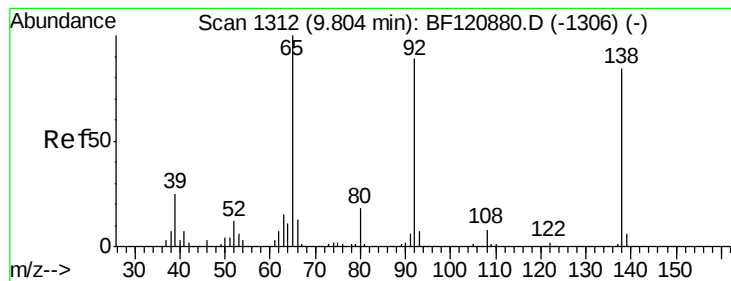


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 19.557 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

Instrument :

BNA\_F

ClientSampleId :

8/5-A-EMSD

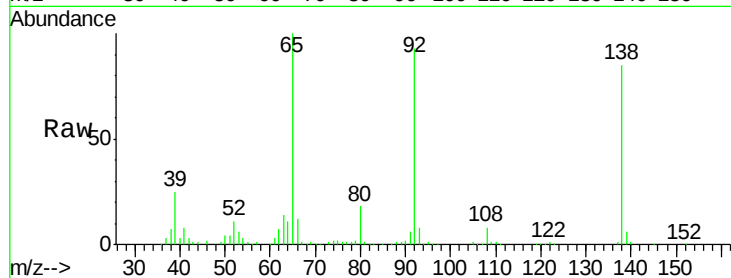
Tot Ion:138 Resp: 104558

Ion Ratio Lower Upper

138 100

108 9.7 7.8 11.8

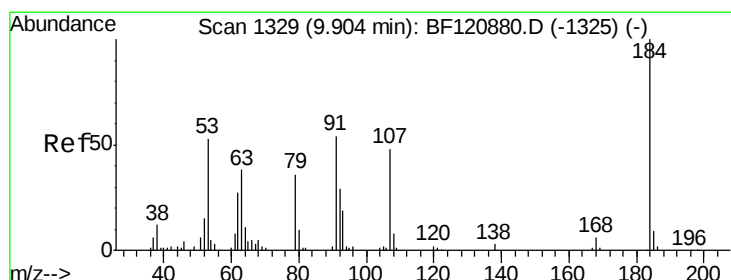
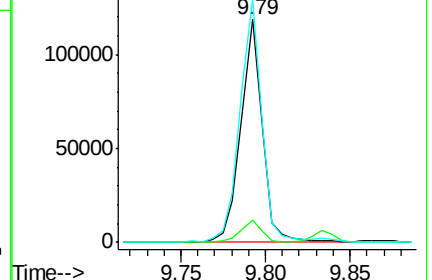
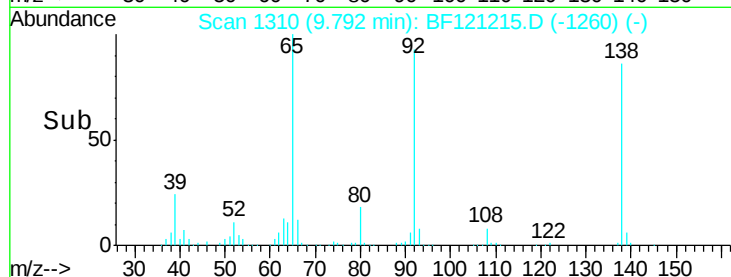
92 109.4 85.0 127.4



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: 46.955 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

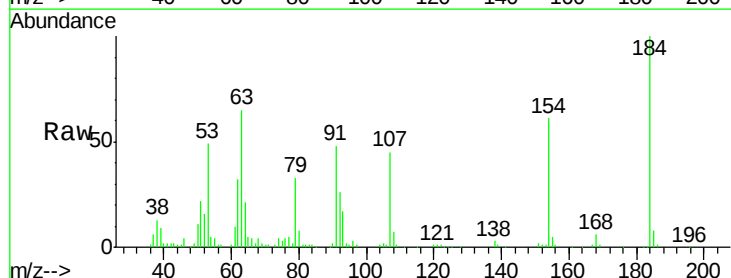
Tgt Ion:184 Resp: 107638

Ion Ratio Lower Upper

184 100

63 64.6 42.5 63.7#

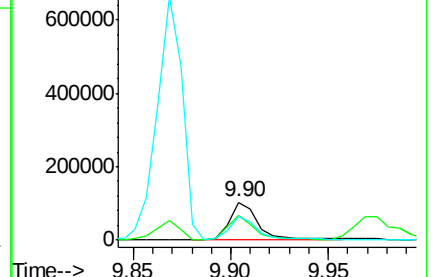
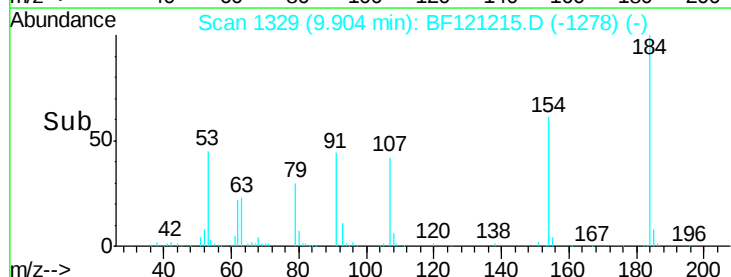
154 61.4 46.8 70.2

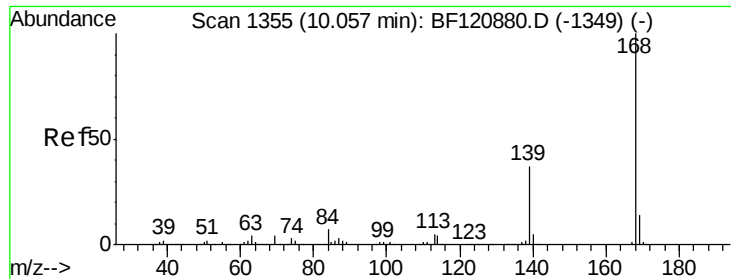


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

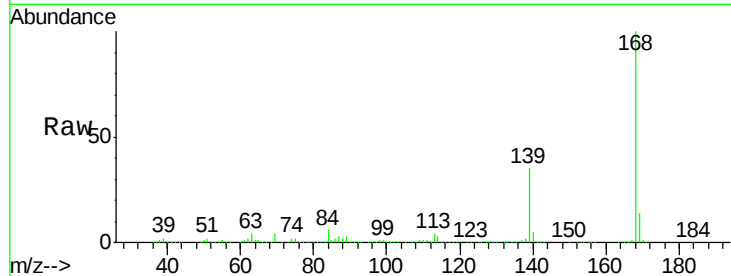




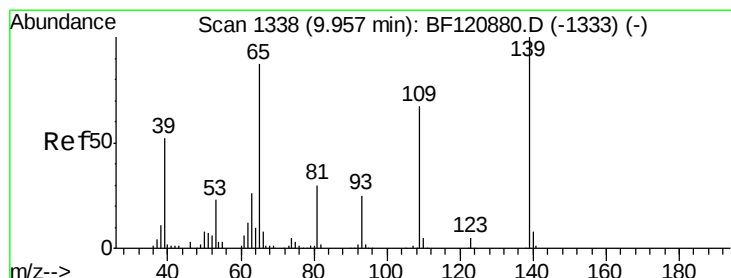
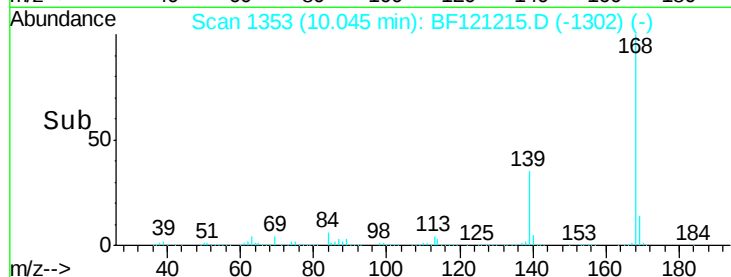
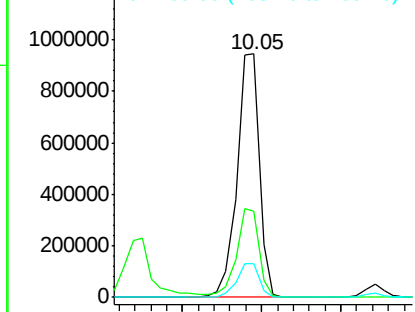
#55  
Dibenzenofuran  
Concen: 37.814 ng  
RT: 10.05 min Scan# 1353  
Delta R.T. 0.00 min  
Lab File: BF121215.D  
Acq: 6 Aug 2020 21:43

Instrument :  
BNA\_F  
ClientSampleId :  
8/5-A-EMSD

Tot Ion:168 Resp: 923764  
Ion Ratio Lower Upper  
168 100  
139 35.4 30.1 45.1  
169 13.7 11.3 16.9

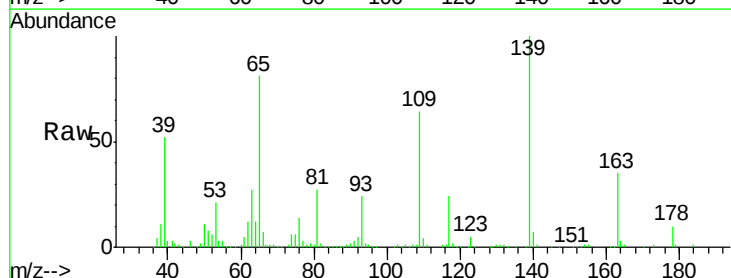


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

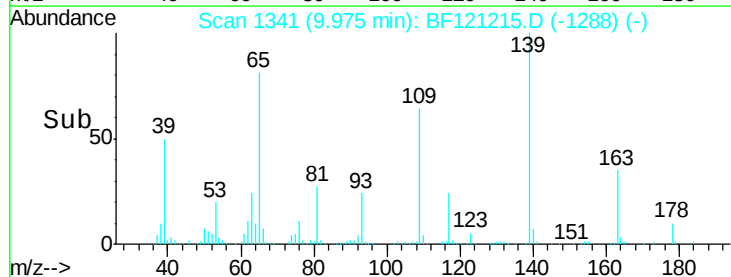
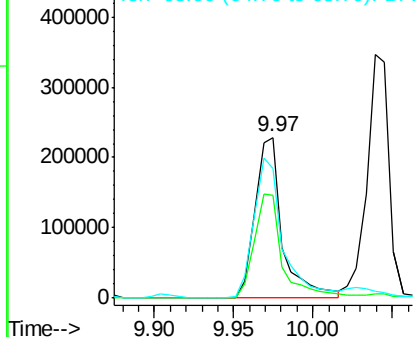


#56  
4-Nitrophenol  
Concen: 68.012 ng  
RT: 9.97 min Scan# 1341  
Delta R.T. 0.01 min  
Lab File: BF121215.D  
Acq: 6 Aug 2020 21:43

Tgt Ion:139 Resp: 276203  
Ion Ratio Lower Upper  
139 100  
109 63.7 44.8 84.8  
65 81.1 65.6 105.6



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

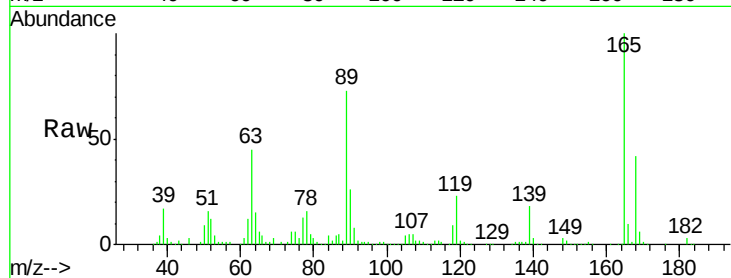




#57  
2,4-Dinitrotoluene  
Concen: 40.285 ng  
RT: 10.03 min Scan# 1350  
Delta R.T. -0.01 min  
Lab File: BF121215.D  
Acq: 6 Aug 2020 21:43

Instrument :  
BNA\_F  
ClientSampleId :  
8/5-A-EMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 45.3  | 29.8  | 44.8# |
| 89      | 73.3  | 50.3  | 75.5  |
| 182     | 2.5   | 2.1   | 3.1   |

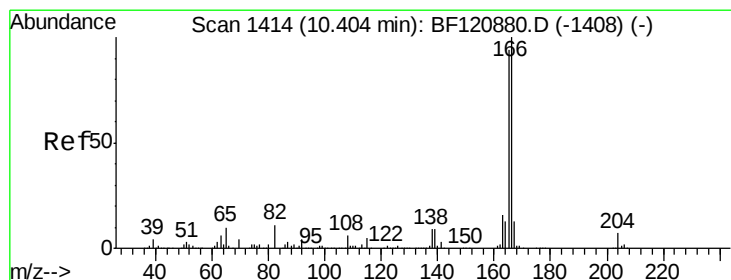
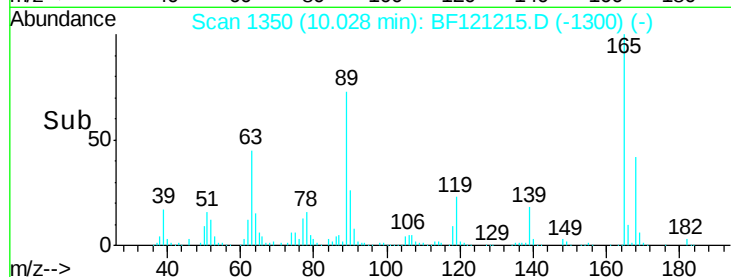
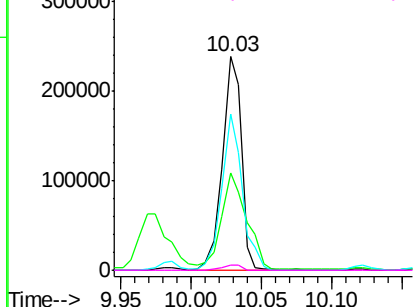


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

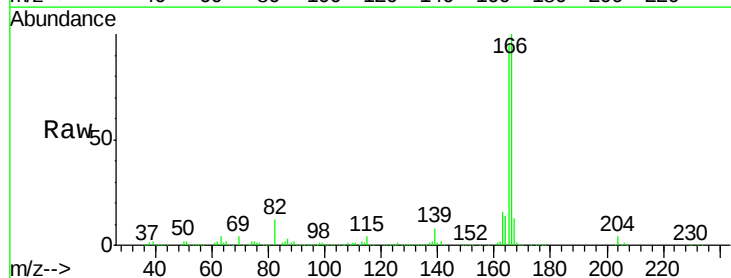
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 37.764 ng  
RT: 10.39 min Scan# 1411  
Delta R.T. -0.01 min  
Lab File: BF121215.D  
Acq: 6 Aug 2020 21:43

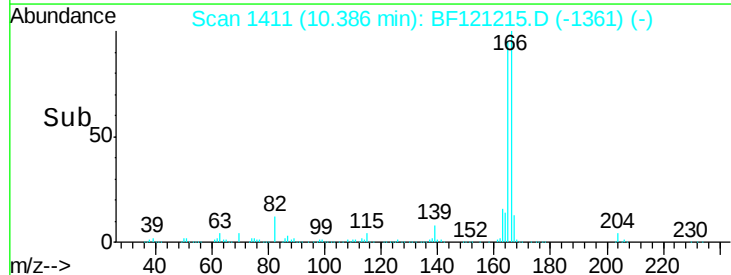
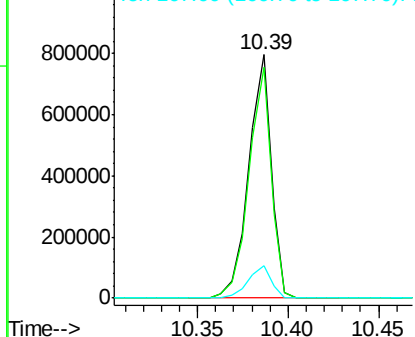
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 94.9  | 76.4  | 114.6 |
| 167     | 13.5  | 10.7  | 16.1  |

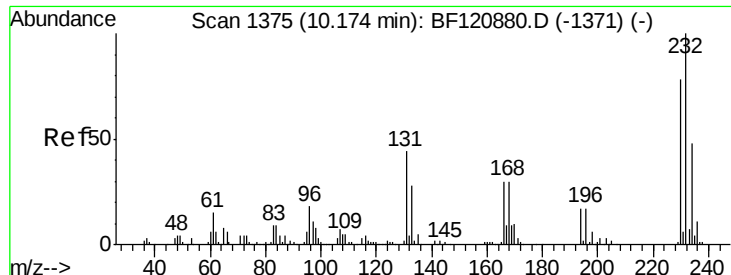


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

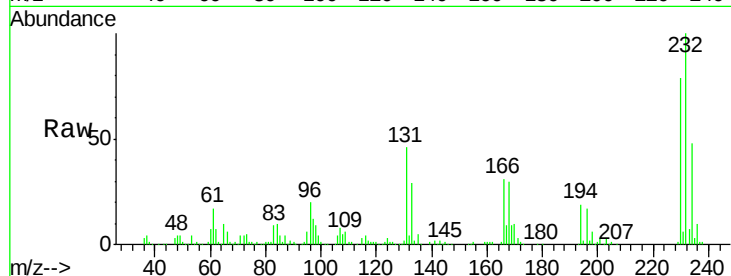




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 41.410 ng  
 RT: 10.16 min Scan# 1373  
 Delta R.T. -0.01 min  
 Lab File: BF121215.D  
 Acq: 6 Aug 2020 21:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 8/5-A-EMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 42.7  | 34.2  | 51.2  |
| 130     | 2.2   | 1.7   | 2.5   |
| 166     | 29.0  | 23.1  | 34.7  |

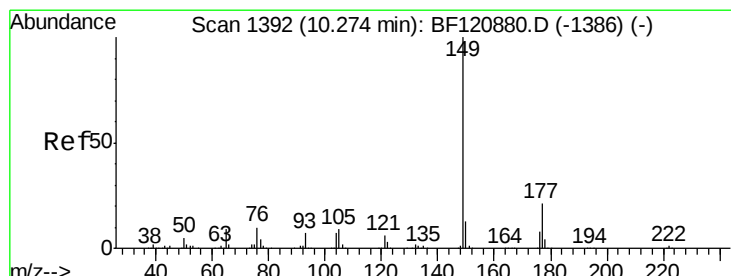
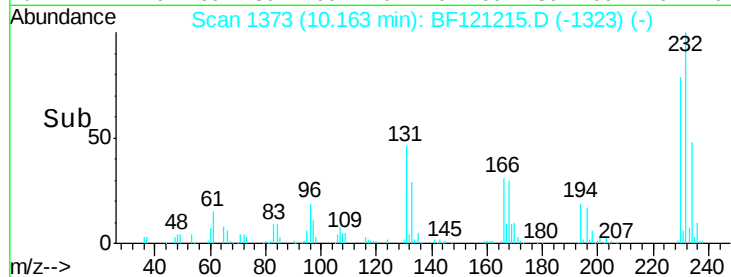
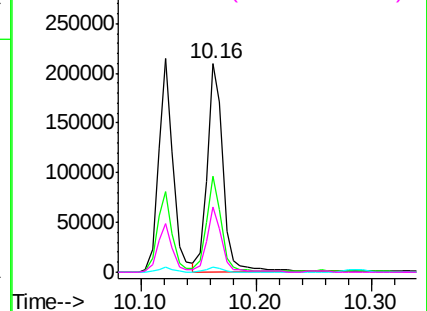


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

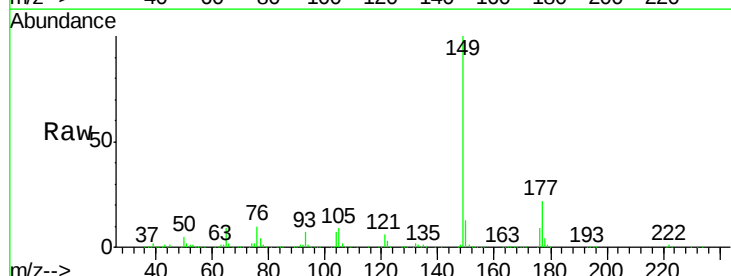
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
 Diethylphthalate  
 Concen: 38.459 ng  
 RT: 10.26 min Scan# 1389  
 Delta R.T. -0.01 min  
 Lab File: BF121215.D  
 Acq: 6 Aug 2020 21:43

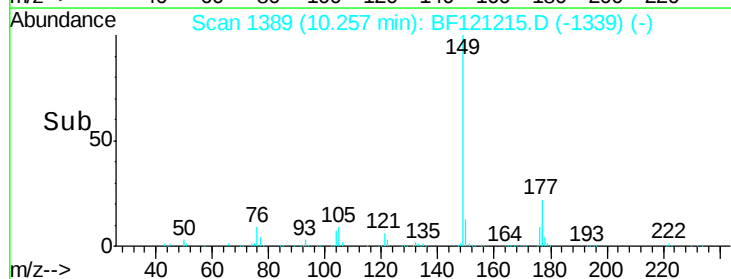
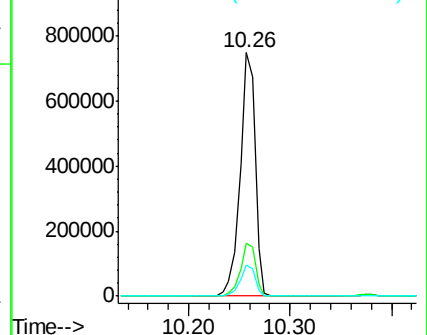
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.8  | 17.6  | 26.4  |
| 150     | 12.7  | 10.2  | 15.4  |

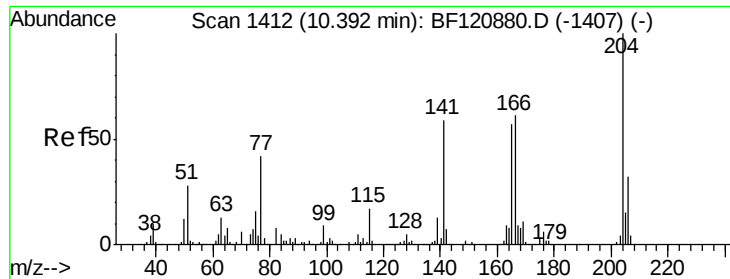


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

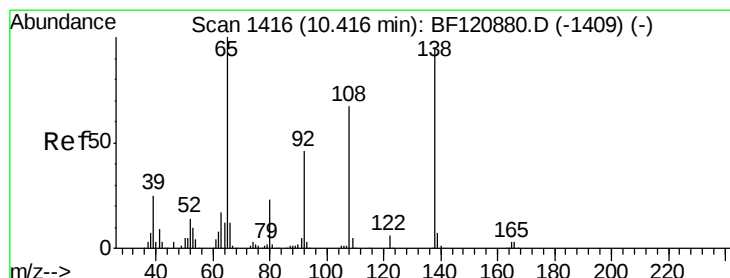
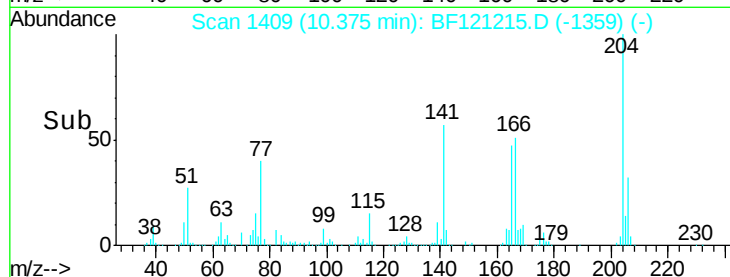
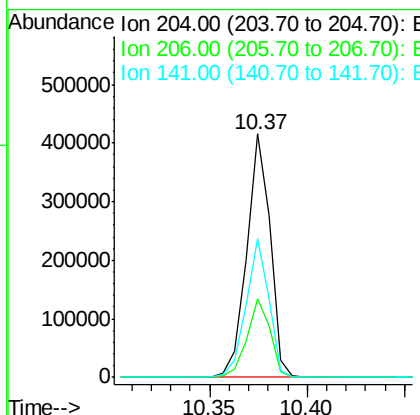
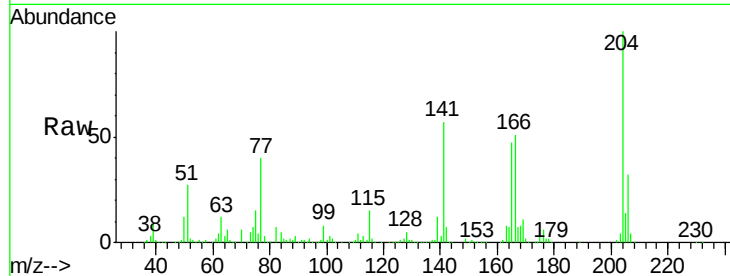




#61  
4-Chlorophenyl-phenylether  
Concen: 35.407 ng  
RT: 10.37 min Scan# 1409  
Delta R.T. -0.01 min  
Lab File: BF121215.D  
Acq: 6 Aug 2020 21:43

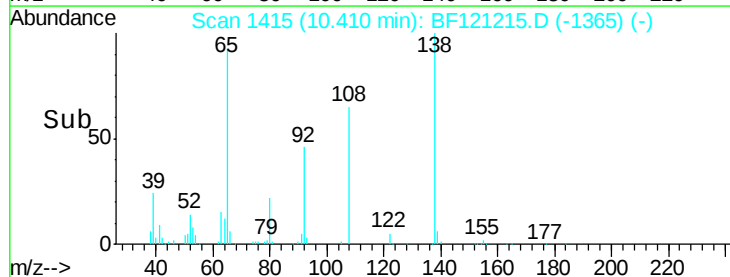
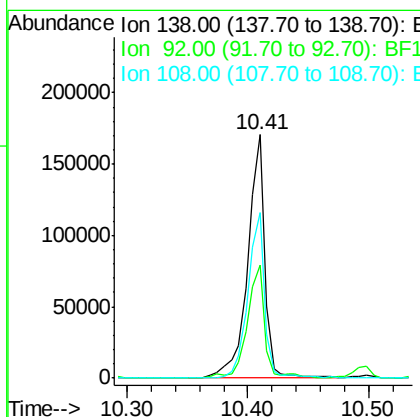
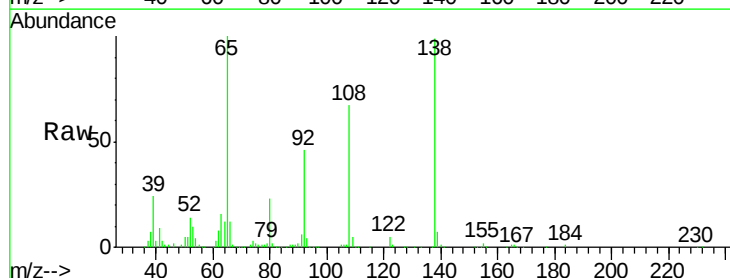
Instrument :  
BNA\_F  
ClientSampleId :  
8/5-A-EMSD

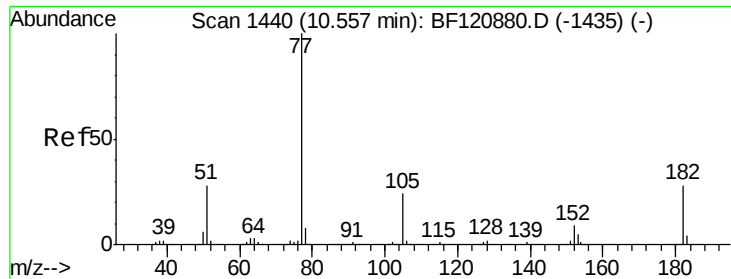
Tot Ion:204 Resp: 344092  
Ion Ratio Lower Upper  
204 100  
206 32.0 26.0 39.0  
141 57.1 46.9 70.3



#62  
4-Nitroaniline  
Concen: 32.703 ng  
RT: 10.41 min Scan# 1415  
Delta R.T. -0.01 min  
Lab File: BF121215.D  
Acq: 6 Aug 2020 21:43

Tgt Ion:138 Resp: 170305  
Ion Ratio Lower Upper  
138 100  
92 46.4 25.2 65.2  
108 68.1 46.7 86.7





#63

Azobenzene

Concen: 38.088 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

Instrument :

BNA\_F

ClientSampleId :

8/5-A-EMSD

Tot Ion: 77 Resp: 727693

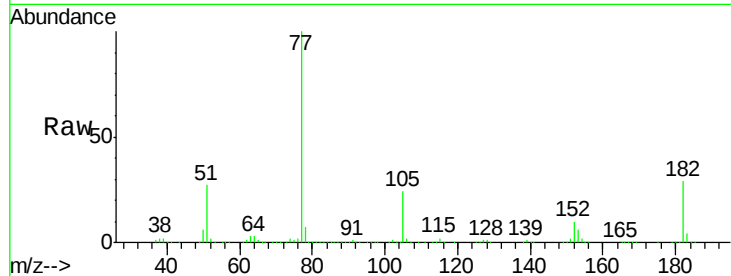
Ion Ratio Lower Upper

77 100

182 29.0 4.5 44.5

105 24.0 3.4 43.4

51 27.5 8.7 48.7

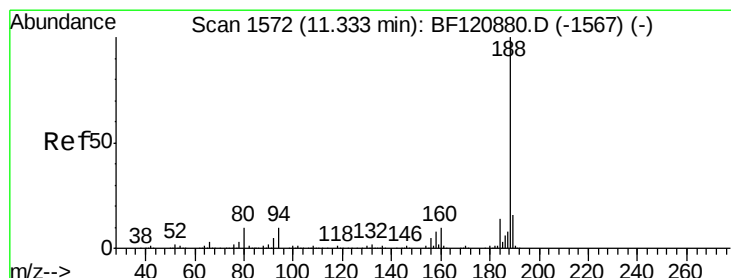
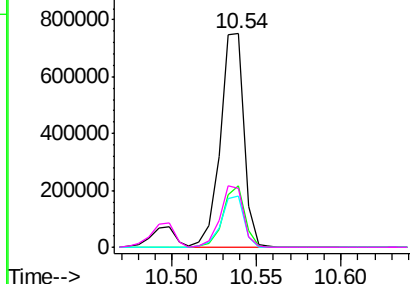
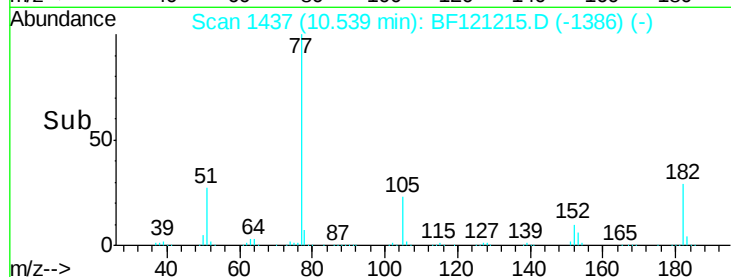


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

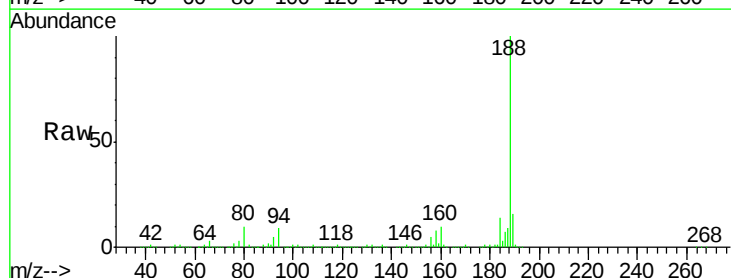
Tgt Ion: 188 Resp: 517291

Ion Ratio Lower Upper

188 100

94 9.3 8.0 12.0

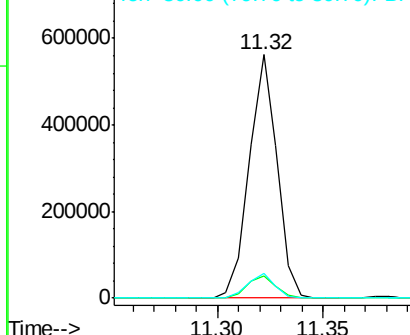
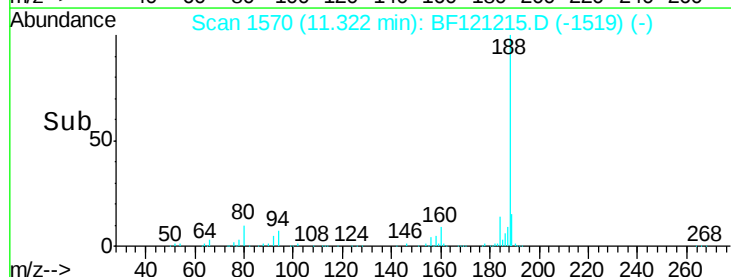
80 9.9 8.3 12.5



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: 29.512 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

Instrument :

BNA\_F

ClientSampleId :

8/5-A-EMSD

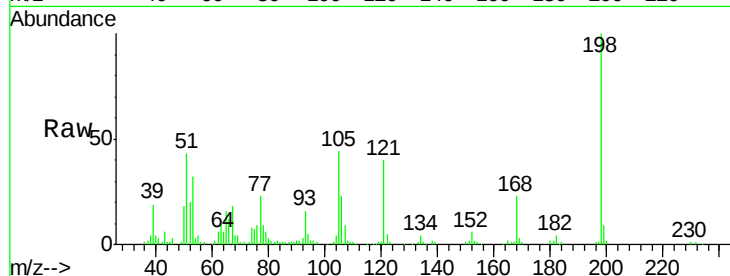
Tot Ion:198 Resp: 83539

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 43.1  | 23.4  | 63.4  |
| 105 | 43.8  | 23.7  | 63.7  |

198 100

51 43.1 23.4 63.4

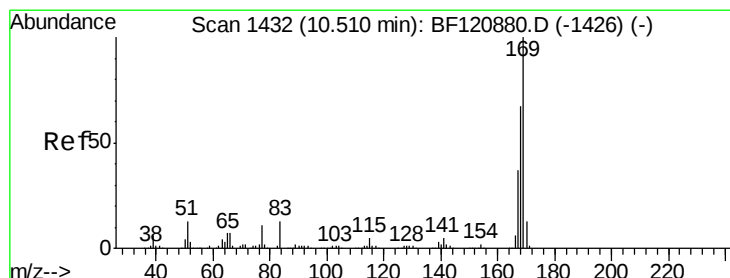
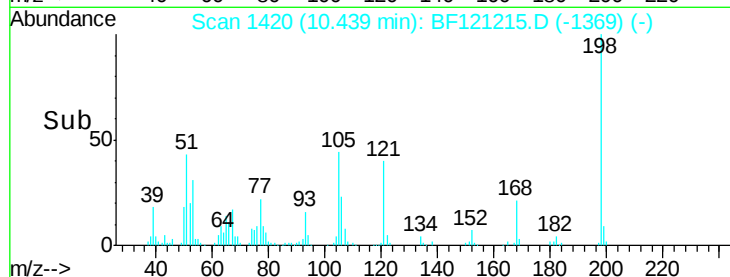
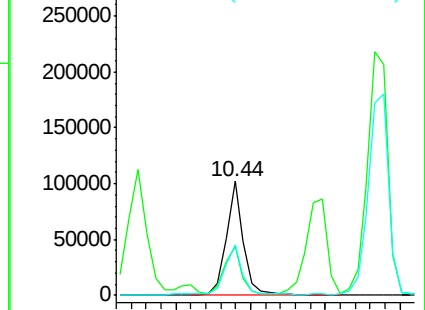
105 43.8 23.7 63.7



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: 40.242 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

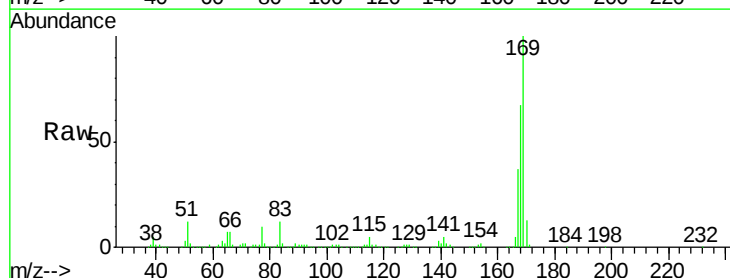
Tgt Ion:169 Resp: 654858

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 66.8  | 53.7  | 80.5  |
| 167 | 36.7  | 30.0  | 45.0  |

169 100

168 66.8 53.7 80.5

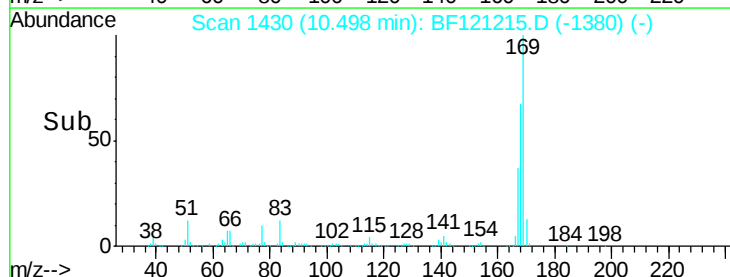
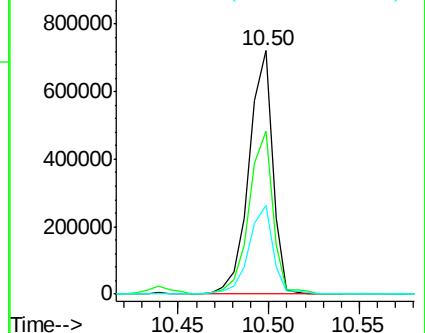
167 36.7 30.0 45.0



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

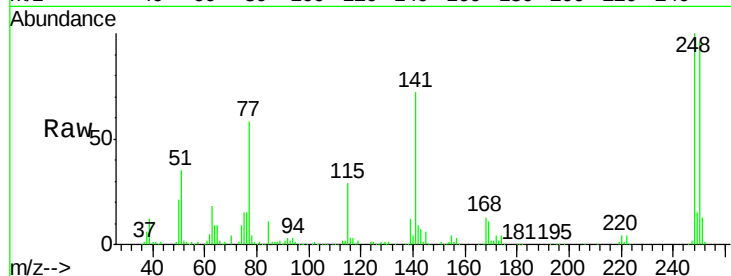




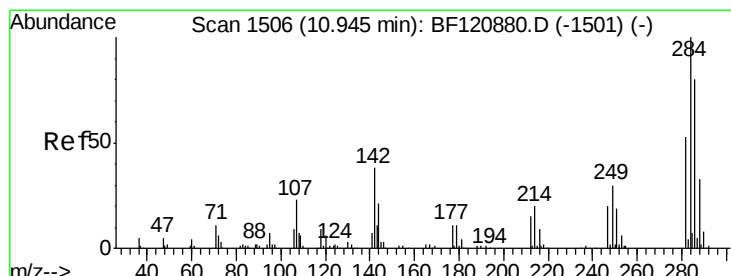
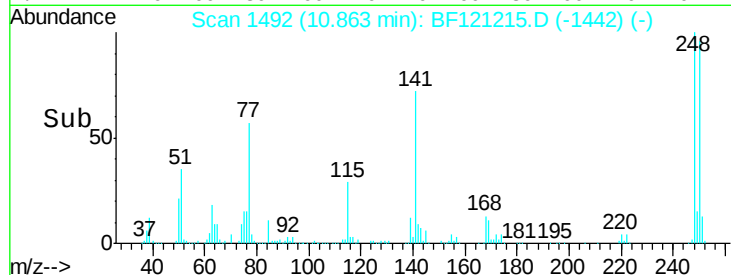
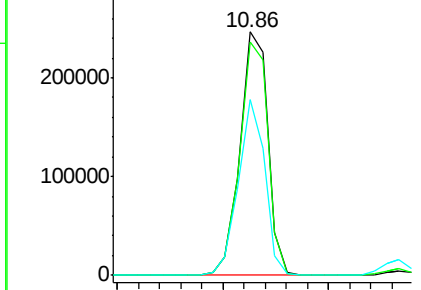
#67  
 4-Bromophenyl-phenylether  
 Concen: 38.991 ng  
 RT: 10.86 min Scan# 1492  
 Delta R.T. -0.01 min  
 Lab File: BF121215.D  
 Acq: 6 Aug 2020 21:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 8/5-A-EMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.0  | 77.0  | 115.6 |
| 141     | 72.0  | 56.6  | 85.0  |

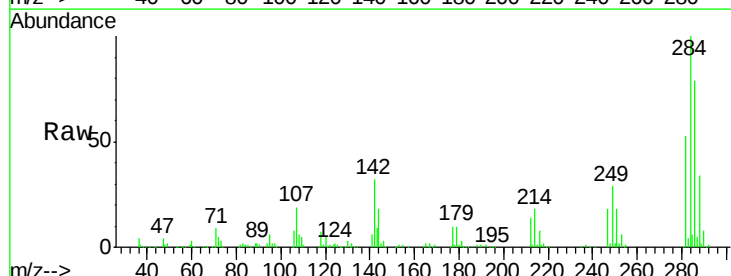


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

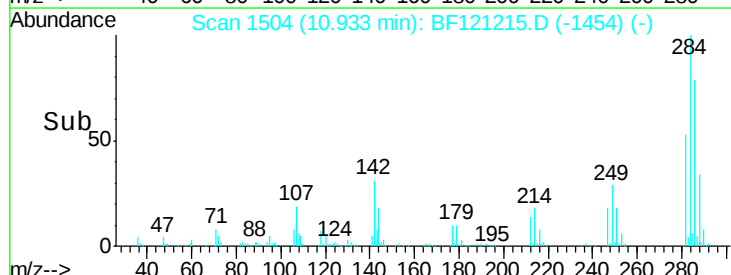
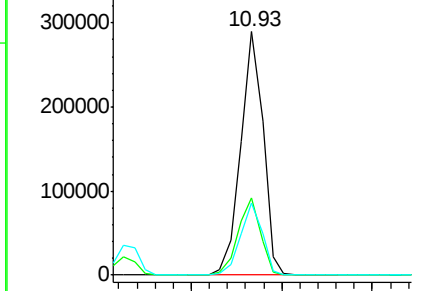


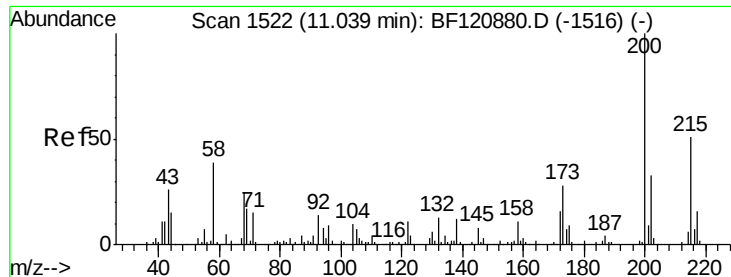
#68  
 Hexachlorobenzene  
 Concen: 39.996 ng  
 RT: 10.93 min Scan# 1504  
 Delta R.T. -0.01 min  
 Lab File: BF121215.D  
 Acq: 6 Aug 2020 21:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 31.5  | 21.1  | 31.7  |
| 249     | 29.4  | 22.5  | 33.7  |



Abundance Ion 283.80 (283.50 to 284.50): E  
 Ion 142.00 (141.70 to 142.70): E  
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 45.130 ng

RT: 11.03 min Scan# 1520

Delta R.T. 0.00 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

Instrument :

BNA\_F

ClientSampleId :

8/5-A-EMSD

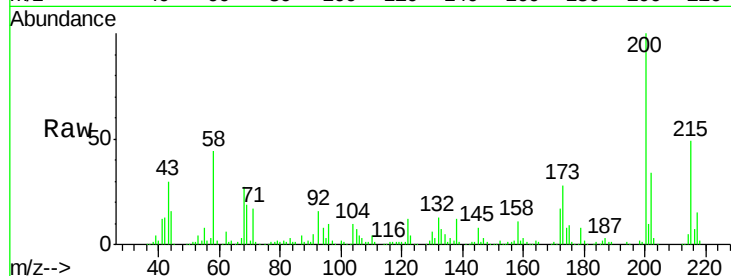
Tot Ion:200 Resp: 181877

Ion Ratio Lower Upper

200 100

173 27.9 7.6 47.6

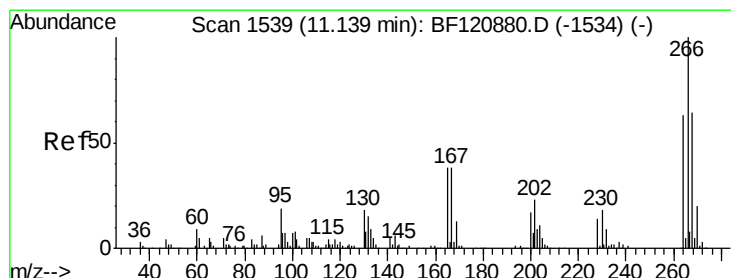
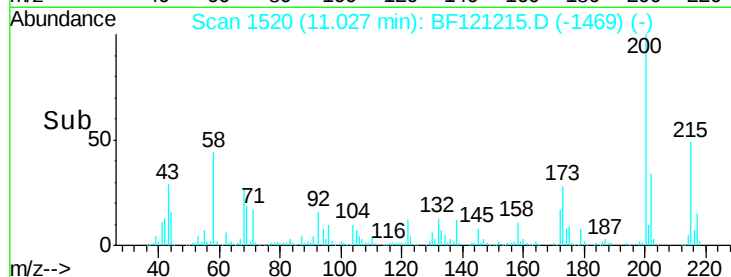
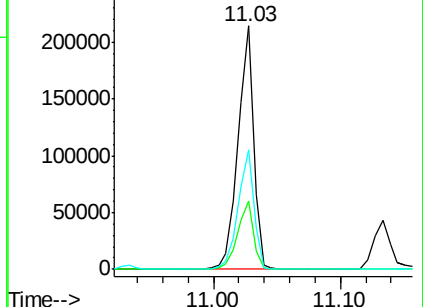
215 49.0 28.8 68.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 74.979 ng

RT: 11.13 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

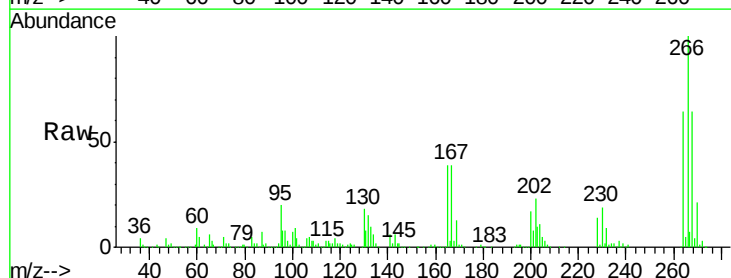
Tgt Ion:266 Resp: 267984

Ion Ratio Lower Upper

266 100

268 64.1 49.7 74.5

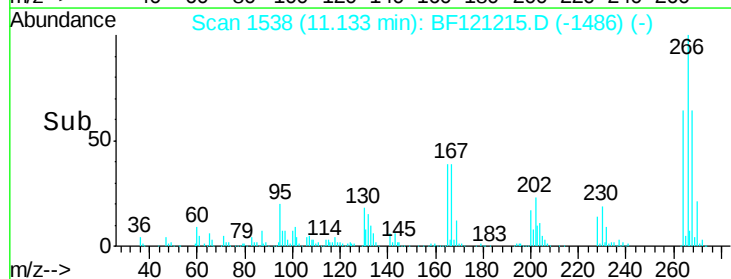
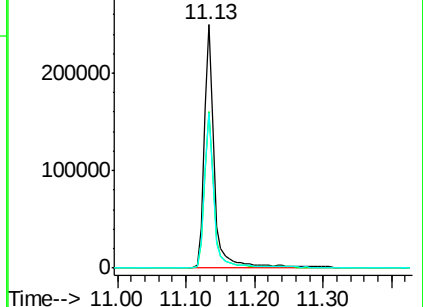
264 63.7 50.4 75.6

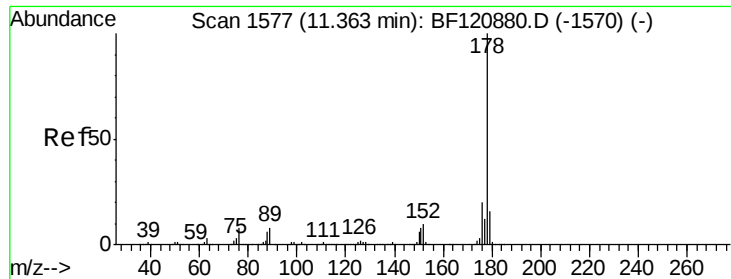


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

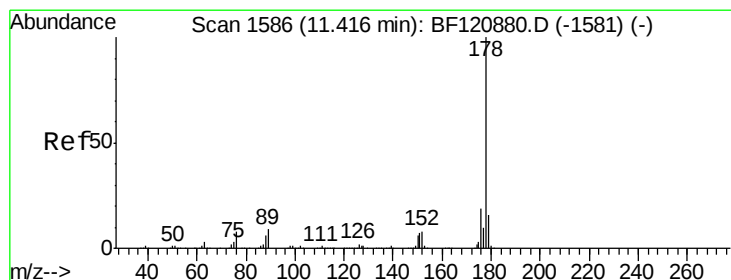
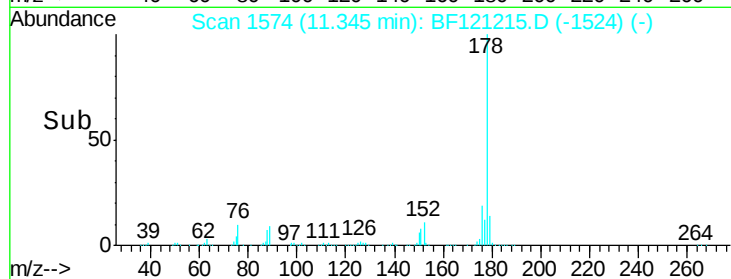
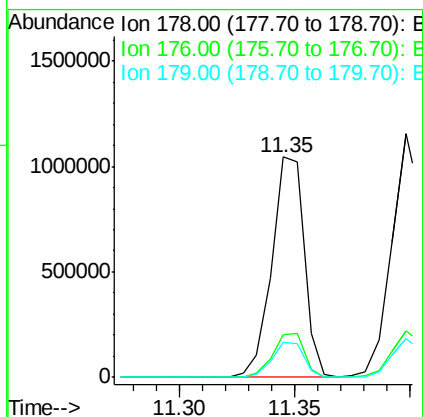
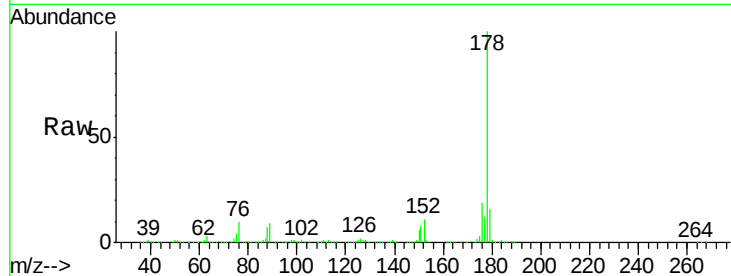




#71  
Phenanthrene  
Concen: 38.272 ng  
RT: 11.35 min Scan# 1574  
Delta R.T. -0.01 min  
Lab File: BF121215.D  
Acq: 6 Aug 2020 21:43

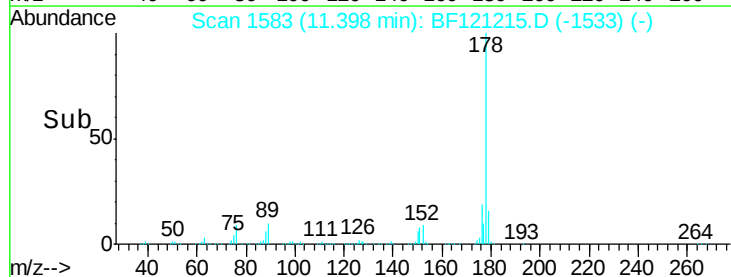
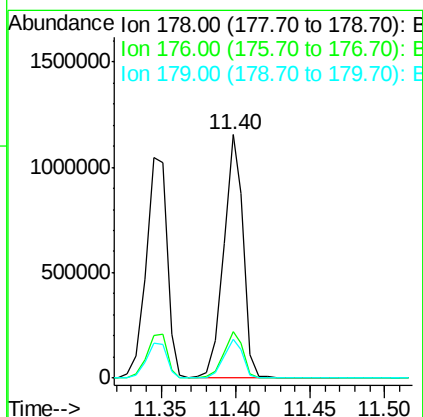
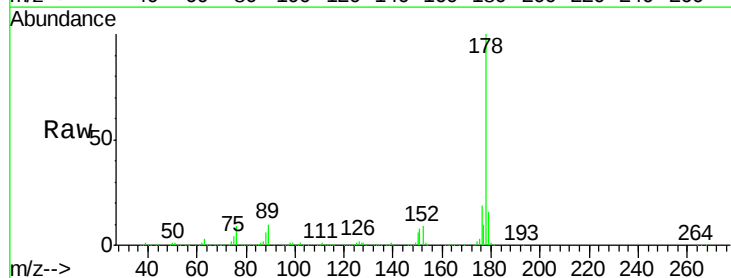
Instrument :  
BNA\_F  
ClientSampleId :  
8/5-A-EMSD

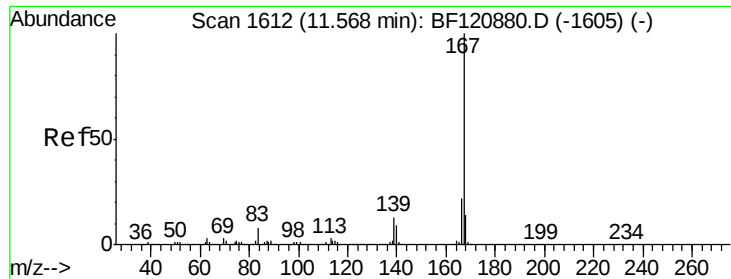
Tot Ion:178 Resp: 1018208  
Ion Ratio Lower Upper  
178 100  
176 19.3 16.2 24.2  
179 15.8 12.6 19.0



#72  
Anthracene  
Concen: 39.760 ng  
RT: 11.40 min Scan# 1583  
Delta R.T. -0.01 min  
Lab File: BF121215.D  
Acq: 6 Aug 2020 21:43

Tgt Ion:178 Resp: 1062179  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.8 23.8  
179 16.0 12.6 19.0

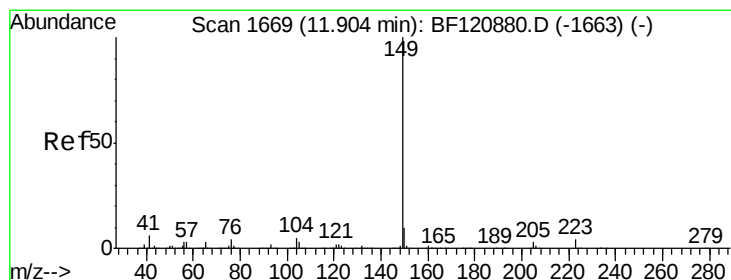
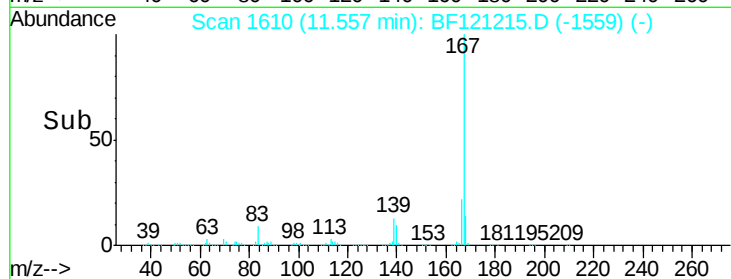
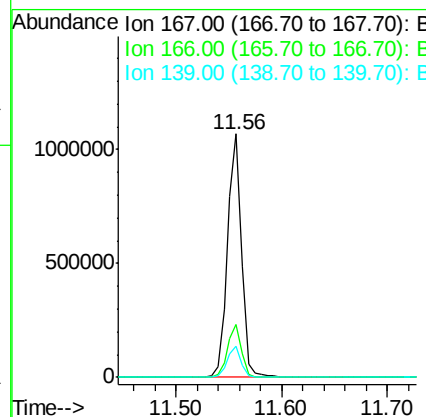
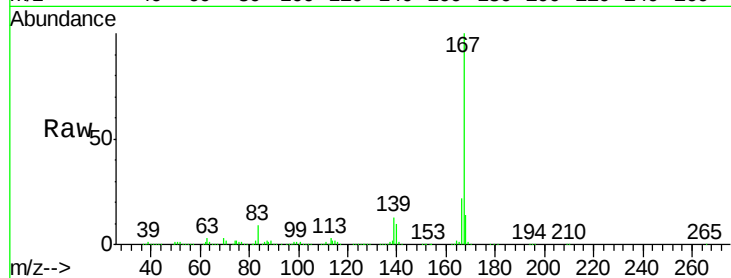




#73  
 Carbazole  
 Concen: 37.619 ng  
 RT: 11.56 min Scan# 1610  
 Delta R.T. 0.00 min  
 Lab File: BF121215.D  
 Acq: 6 Aug 2020 21:43

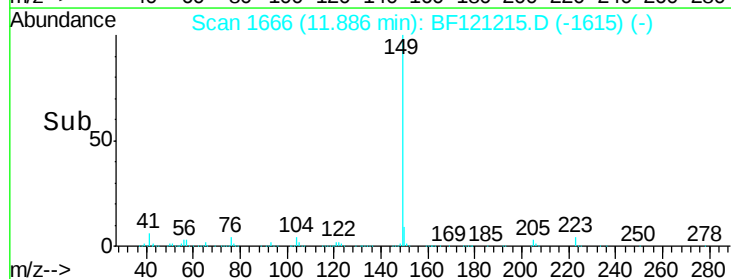
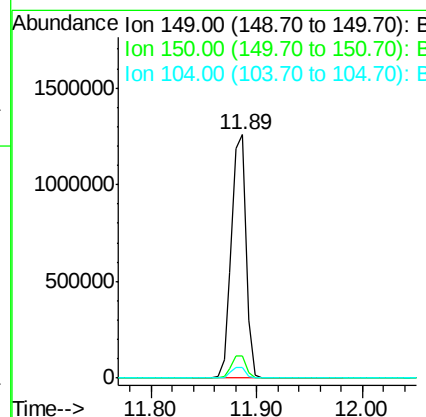
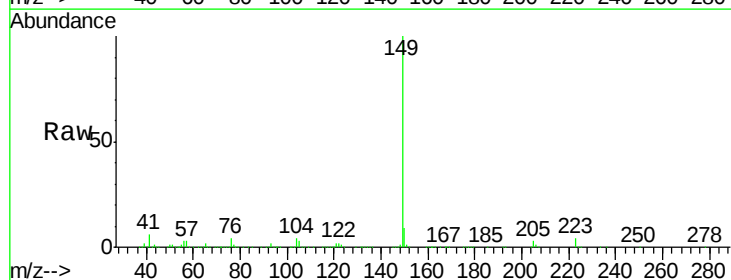
Instrument :  
 BNA\_F  
 ClientSampleId :  
 8/5-A-EMSD

Tot Ion:167 Resp: 997351  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 17.5 26.3  
 139 12.7 10.5 15.7



#74  
 Di-n-butylphthalate  
 Concen: 39.628 ng  
 RT: 11.89 min Scan# 1666  
 Delta R.T. 0.00 min  
 Lab File: BF121215.D  
 Acq: 6 Aug 2020 21:43

Tgt Ion:149 Resp: 1212415  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.8 11.8  
 104 4.3 3.9 5.9

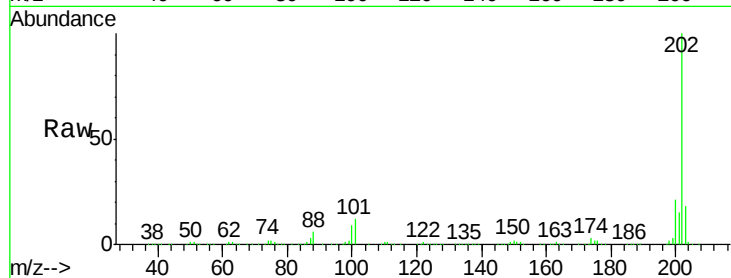




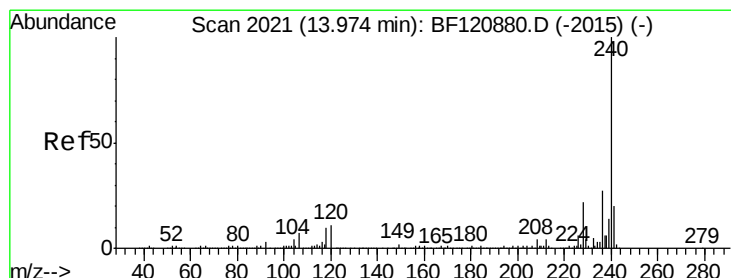
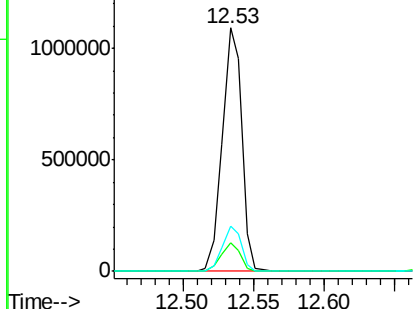
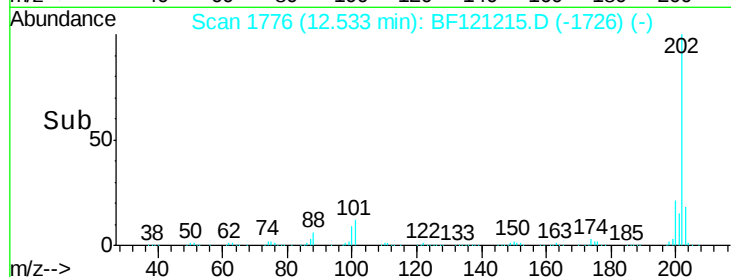
#75  
 Fluoranthene  
 Concen: 35.505 ng  
 RT: 12.53 min Scan# 1776  
 Delta R.T. -0.01 min  
 Lab File: BF121215.D  
 Acq: 6 Aug 2020 21:43

Instrument :  
 BNA\_F  
 ClientSampled :  
 8/5-A-EMSD

Tot Ion:202 Resp: 1047005  
 Ion Ratio Lower Upper  
 202 100  
 101 12.0 0.0 30.5  
 203 18.5 0.0 37.7

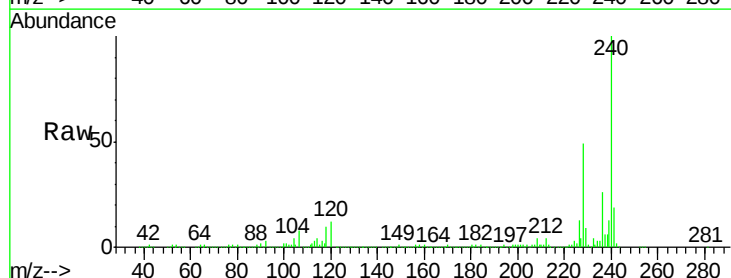


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 203.00 (202.70 to 203.70): E

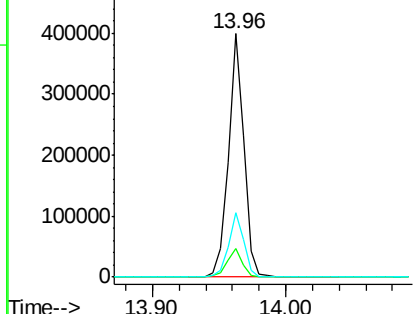
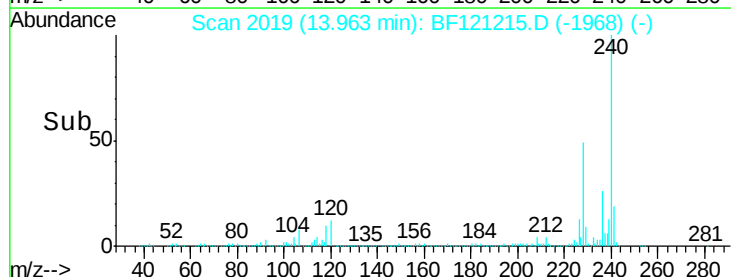


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.96 min Scan# 2019  
 Delta R.T. 0.00 min  
 Lab File: BF121215.D  
 Acq: 6 Aug 2020 21:43

Tgt Ion:240 Resp: 326926  
 Ion Ratio Lower Upper  
 240 100  
 120 11.8 9.3 13.9  
 236 26.3 21.1 31.7



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

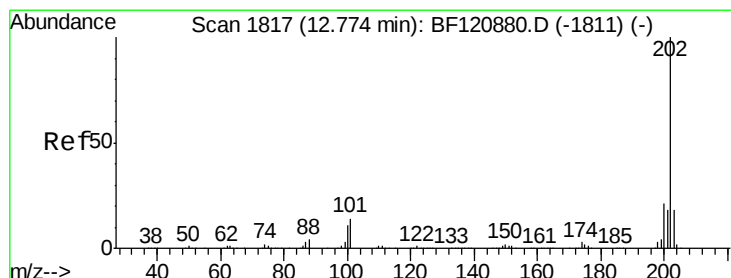
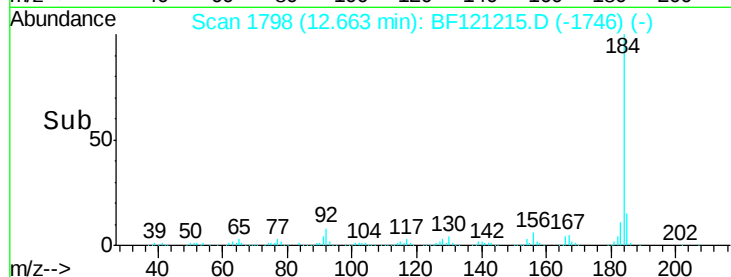
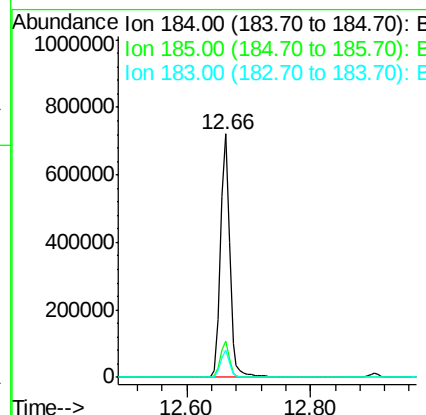
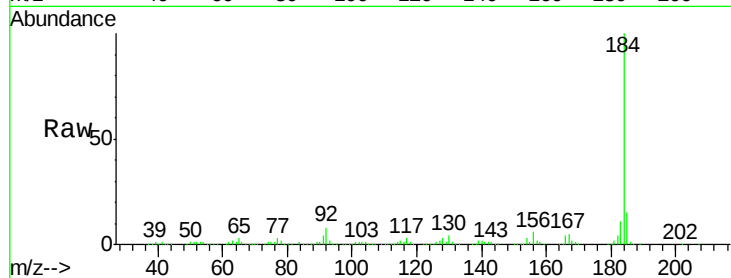




#77  
Benzidine  
Concen: 85.927 ng  
RT: 12.66 min Scan# 1798  
Delta R.T. 0.01 min  
Lab File: BF121215.D  
Acq: 6 Aug 2020 21:43

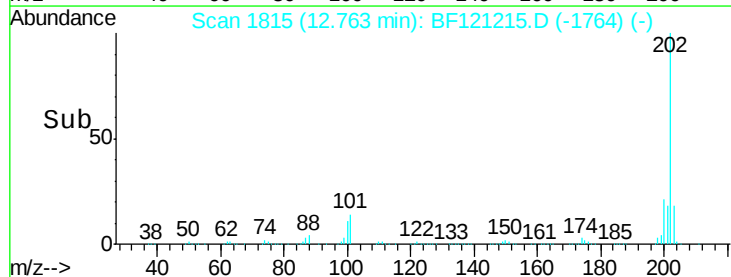
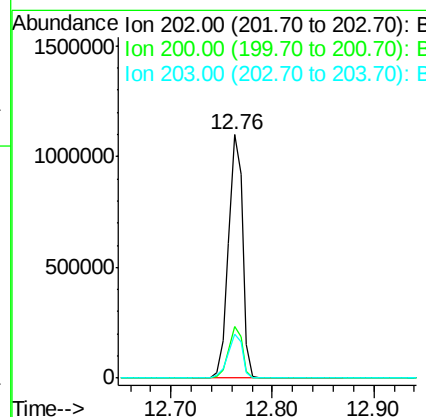
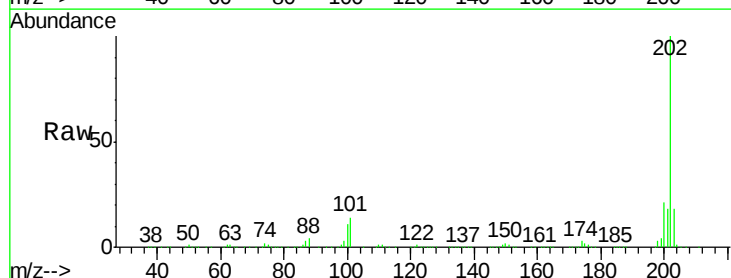
Instrument :  
BNA\_F  
ClientSampleId :  
8/5-A-EMSD

Tot Ion:184 Resp: 738580  
Ion Ratio Lower Upper  
184 100  
185 14.7 12.1 18.1  
183 11.4 9.0 13.4



#78  
Pyrene  
Concen: 45.793 ng  
RT: 12.76 min Scan# 1815  
Delta R.T. 0.00 min  
Lab File: BF121215.D  
Acq: 6 Aug 2020 21:43

Tgt Ion:202 Resp: 1058457  
Ion Ratio Lower Upper  
202 100  
200 21.1 17.0 25.6  
203 18.0 14.6 21.8





#79

Terphenyl-d14

Concen: 55.317 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

Instrument :

BNA\_F

ClientSampleId :

8/5-A-EMSD

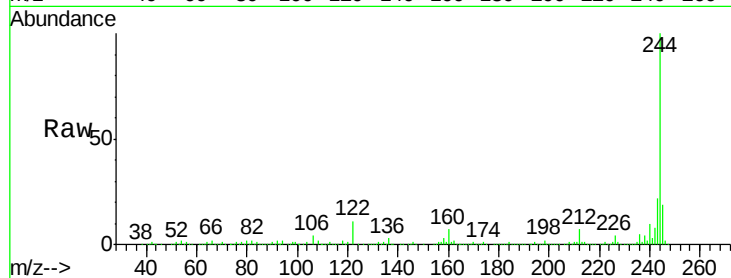
Tot Ion:244 Resp: 831935

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

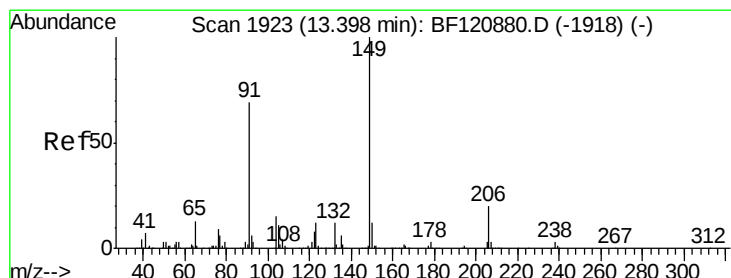
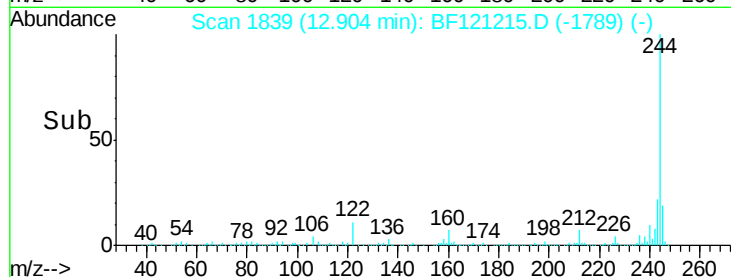
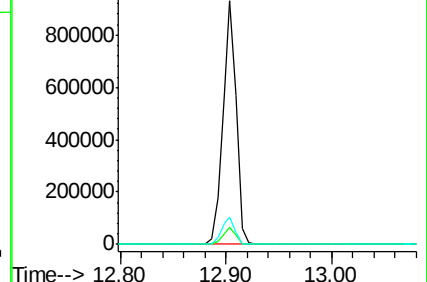
122 11.5 8.3 12.5



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: 46.288 ng

RT: 13.38 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

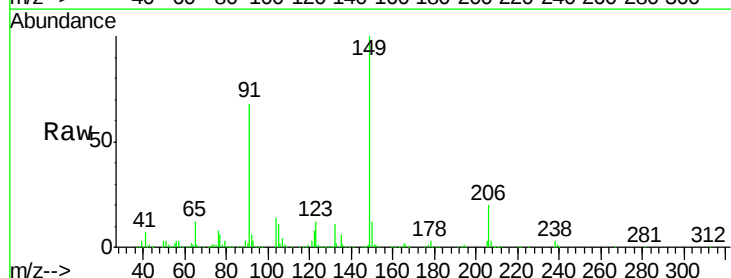
Tgt Ion:149 Resp: 476942

Ion Ratio Lower Upper

149 100

91 67.8 51.4 77.0

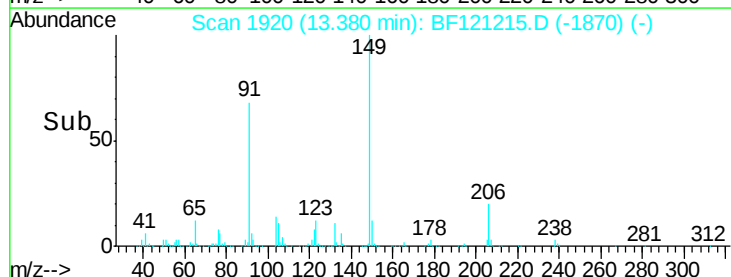
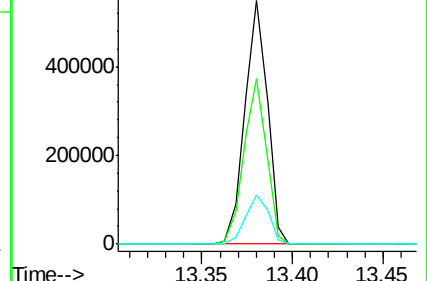
206 20.2 17.9 26.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.288 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

Instrument :

BNA\_F

ClientSampled :

8/5-A-EMSD

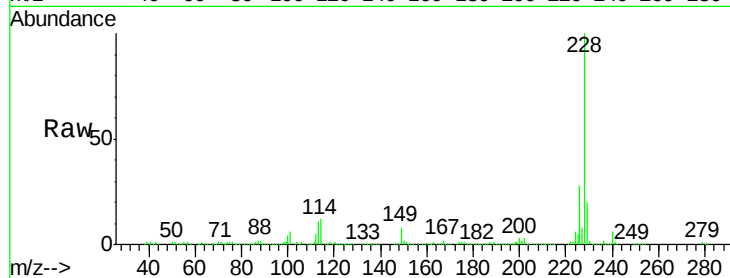
Tot Ion:228 Resp: 817377

Ion Ratio Lower Upper

228 100

226 28.0 22.6 34.0

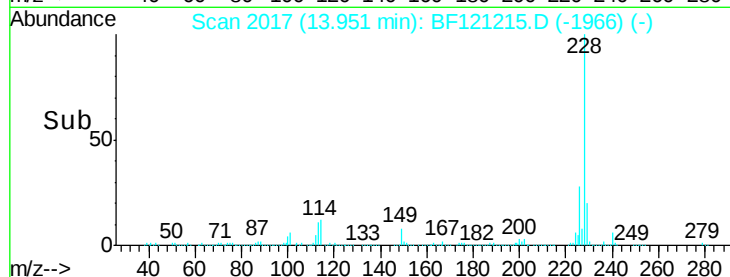
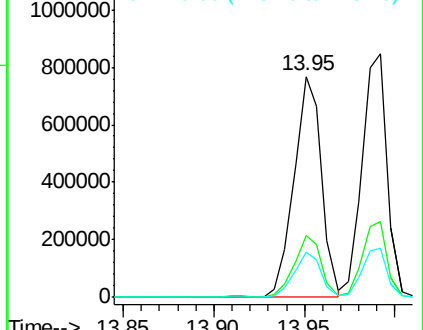
229 20.4 16.1 24.1



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: 43.770 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

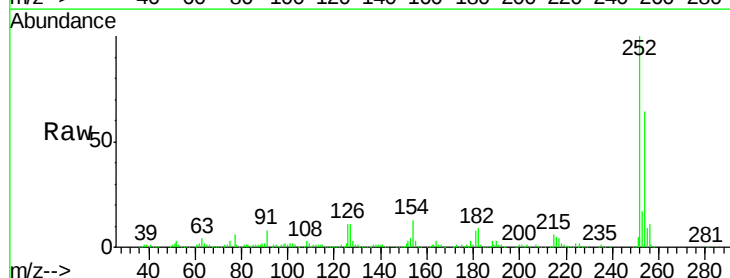
Tgt Ion:252 Resp: 326915

Ion Ratio Lower Upper

252 100

254 64.0 51.3 76.9

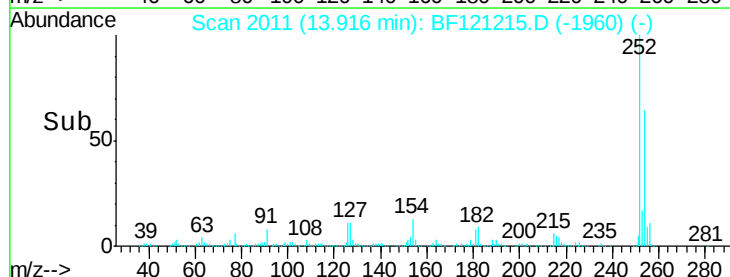
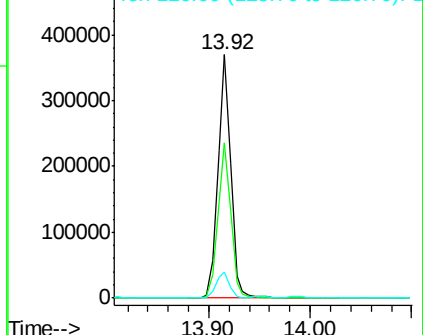
126 10.8 9.2 13.8

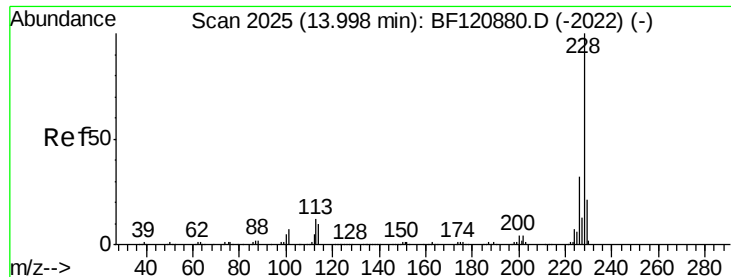


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.293 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

Instrument :

BNA\_F

ClientSampleId :

8/5-A-EMSD

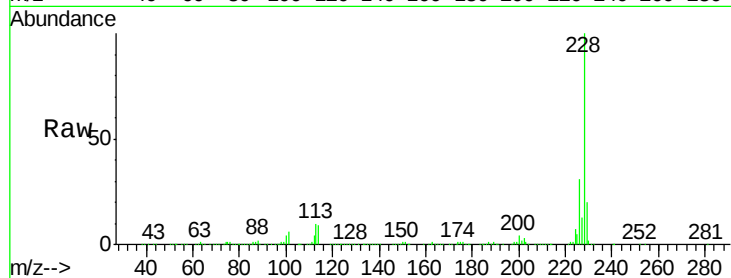
Tot Ion:228 Resp: 817481

Ion Ratio Lower Upper

228 100

226 31.1 25.4 38.0

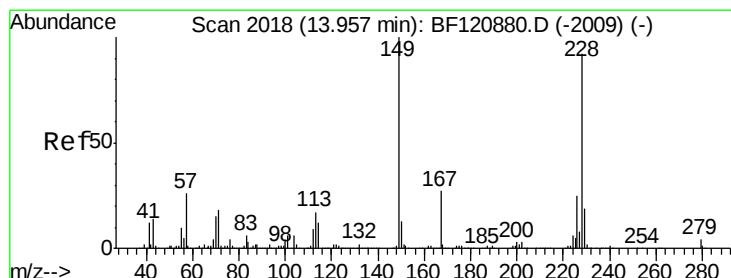
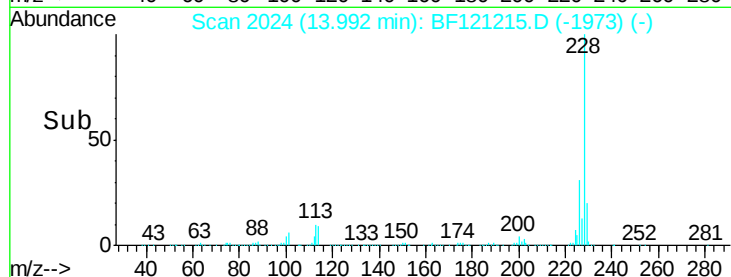
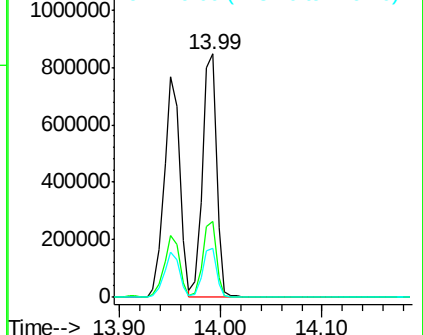
229 20.1 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.095 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF121215.D

Acq: 6 Aug 2020 21:43

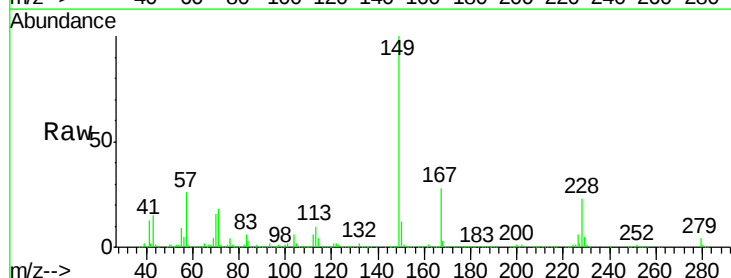
Tgt Ion:149 Resp: 623789

Ion Ratio Lower Upper

149 100

167 27.7 21.8 32.6

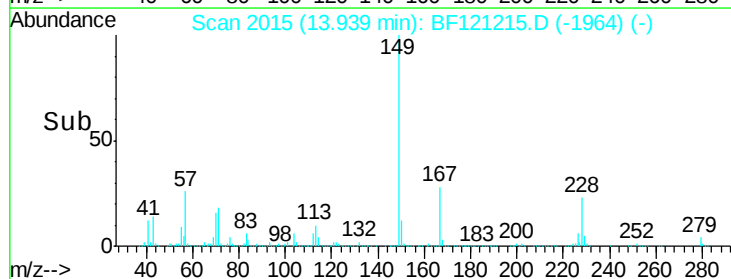
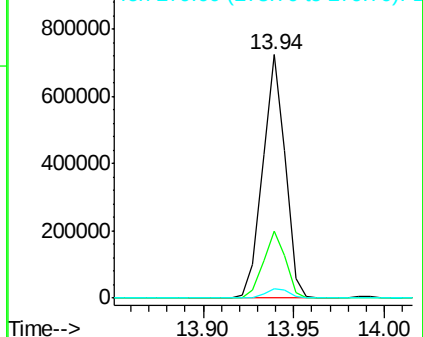
279 3.9 2.9 4.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

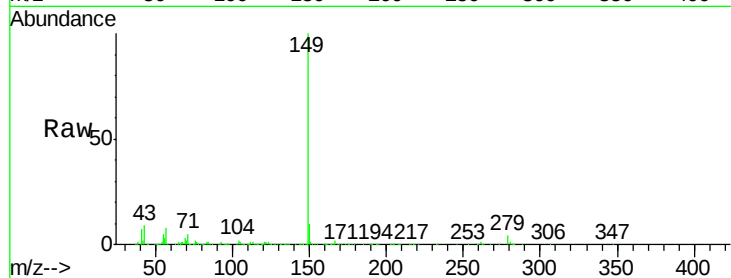




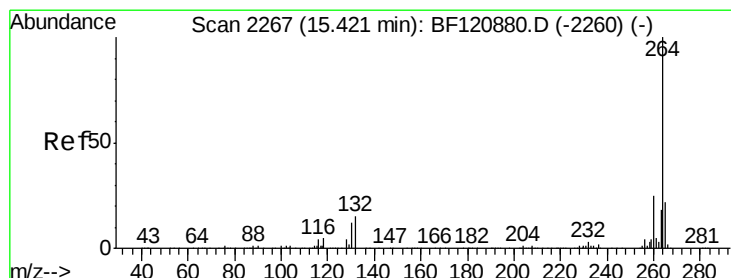
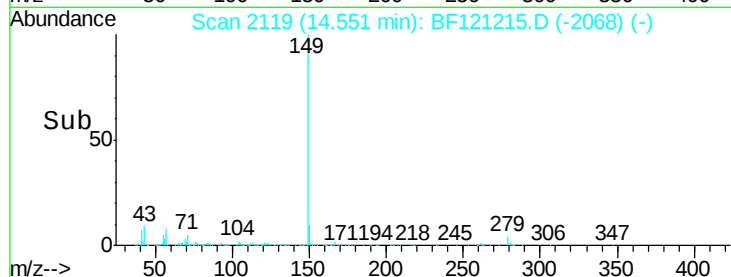
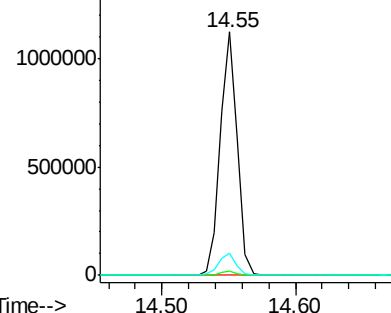
#85  
Di-n-octyl phthalate  
Concen: 39.727 ng  
RT: 14.55 min Scan# 2119  
Delta R.T. 0.00 min  
Lab File: BF121215.D  
Acq: 6 Aug 2020 21:43

Instrument :  
BNA\_F  
ClientSampleId :  
8/5-A-EMSD

Tot Ion:149 Resp: 1004223  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 9.2 7.5 11.3

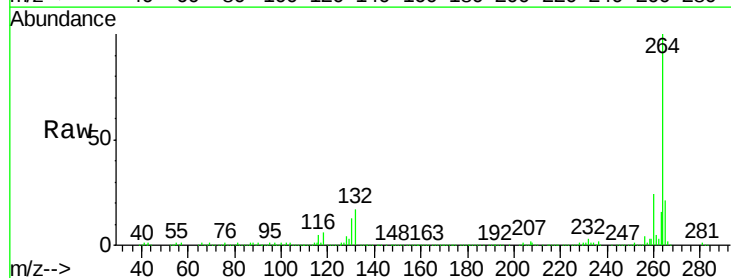


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF1

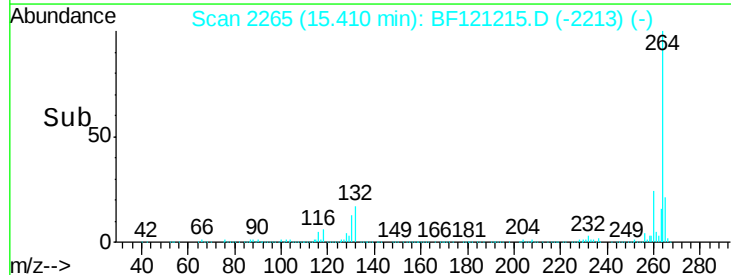
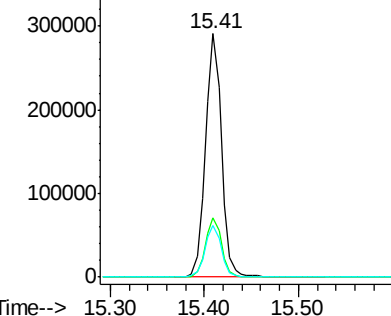


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.41 min Scan# 2265  
Delta R.T. 0.01 min  
Lab File: BF121215.D  
Acq: 6 Aug 2020 21:43

Tgt Ion:264 Resp: 348431  
Ion Ratio Lower Upper  
264 100  
260 24.4 19.9 29.9  
265 21.1 17.8 26.8



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

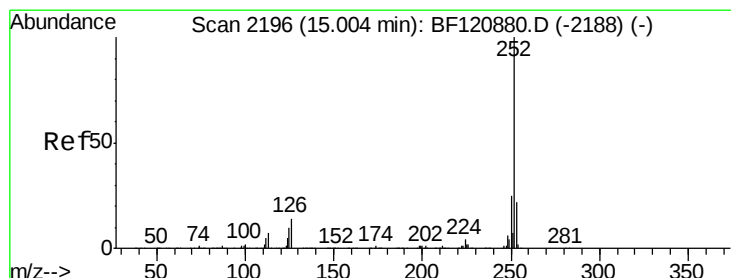
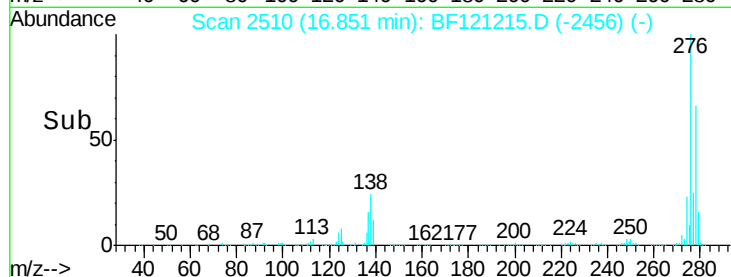
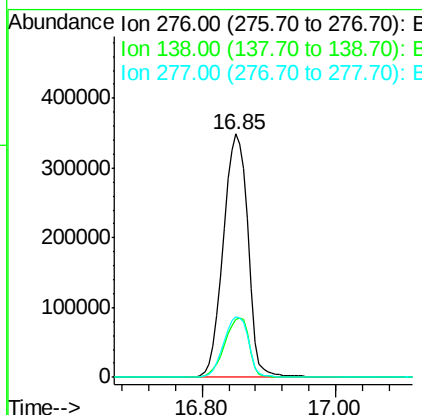
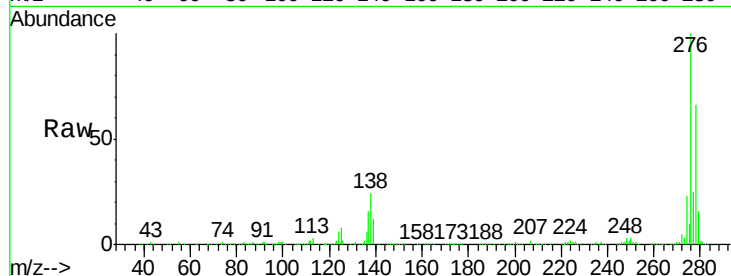




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 37.826 ng  
 RT: 16.85 min Scan# 2510  
 Delta R.T. 0.02 min  
 Lab File: BF121215.D  
 Acq: 6 Aug 2020 21:43

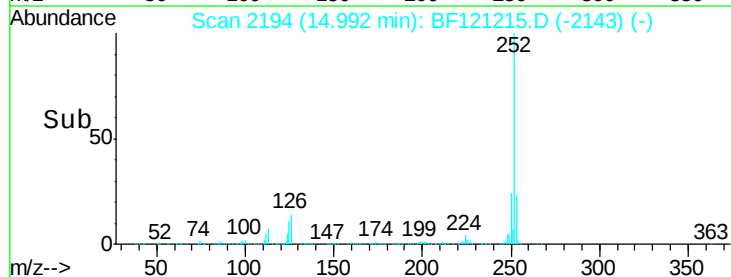
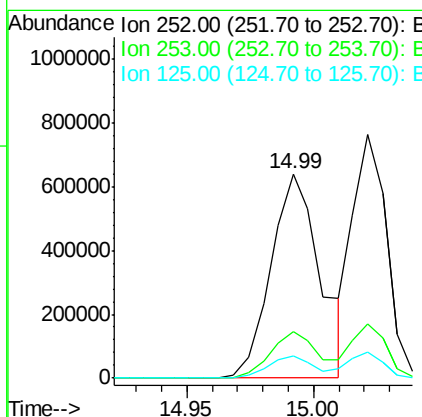
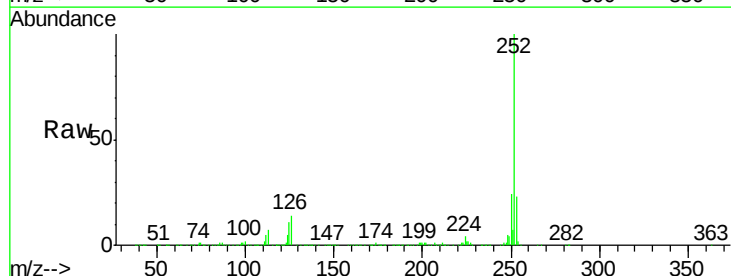
Instrument :  
 BNA\_F  
 ClientSampleId :  
 8/5-A-EMSD

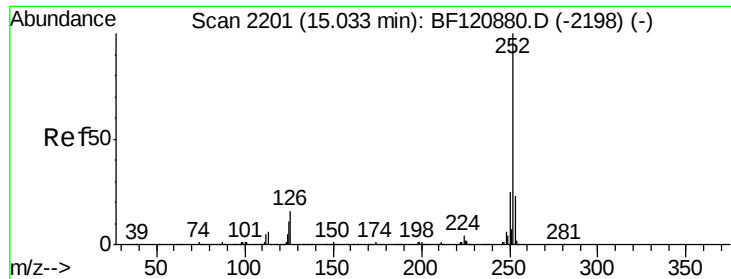
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 24.5  | 19.3  | 28.9  |
| 277     | 25.2  | 20.1  | 30.1  |



#88  
 Benzo(b)fluoranthene  
 Concen: 41.404 ng  
 RT: 14.99 min Scan# 2194  
 Delta R.T. 0.00 min  
 Lab File: BF121215.D  
 Acq: 6 Aug 2020 21:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.8  | 17.9  | 26.9  |
| 125     | 10.8  | 8.1   | 12.1  |

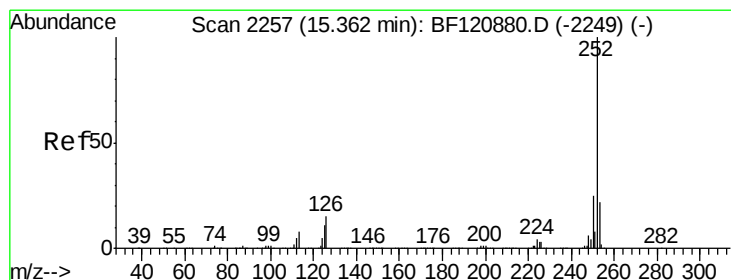
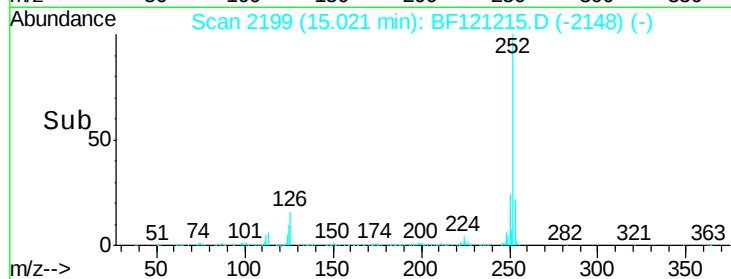
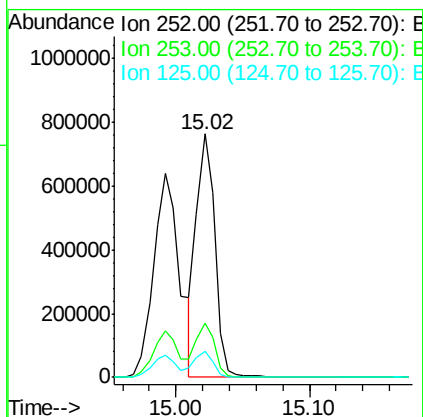
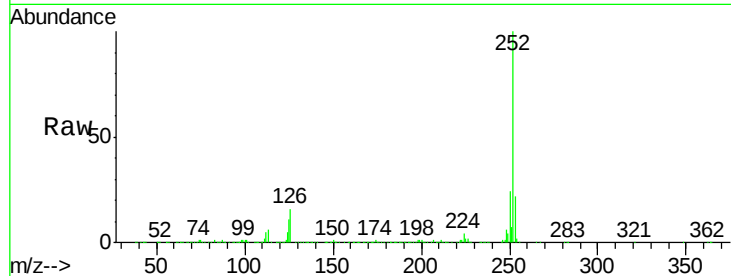




#89  
Benzo(k)fluoranthene  
Concen: 37.654 ng  
RT: 15.02 min Scan# 2199  
Delta R.T. 0.00 min  
Lab File: BF121215.D  
Acq: 6 Aug 2020 21:43

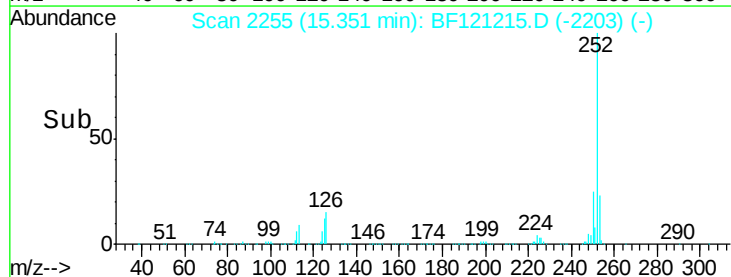
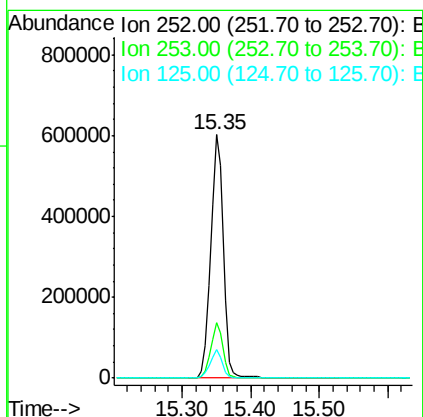
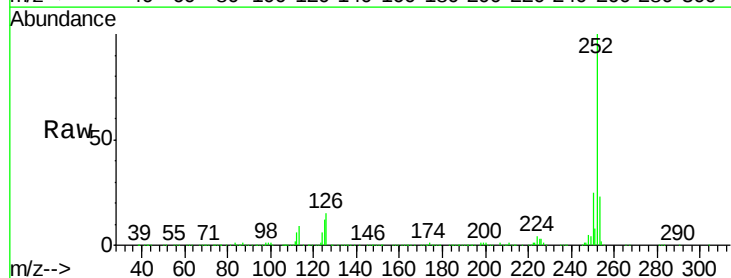
Instrument :  
BNA\_F  
ClientSampleId :  
8/5-A-EMSD

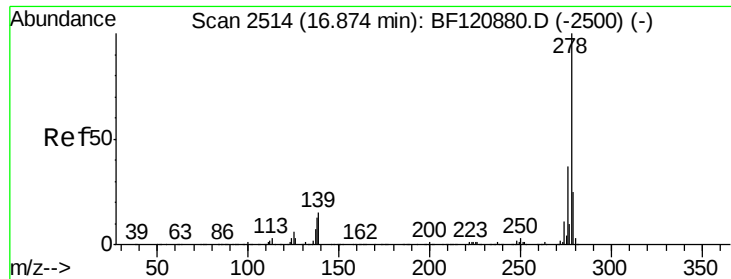
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.4  | 18.1  | 27.1  |
| 125     | 10.5  | 8.0   | 12.0  |



#90  
Benzo(a)pyrene  
Concen: 39.874 ng  
RT: 15.35 min Scan# 2255  
Delta R.T. 0.01 min  
Lab File: BF121215.D  
Acq: 6 Aug 2020 21:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.7  | 18.0  | 27.0  |
| 125     | 11.9  | 9.5   | 14.3  |

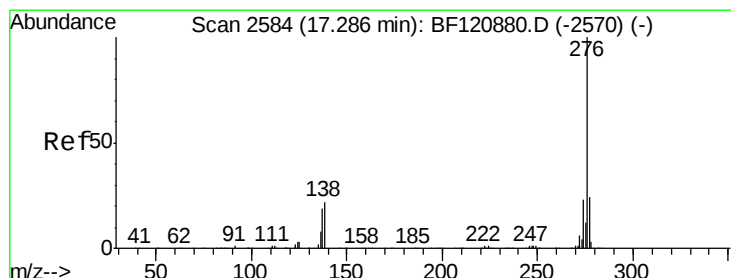
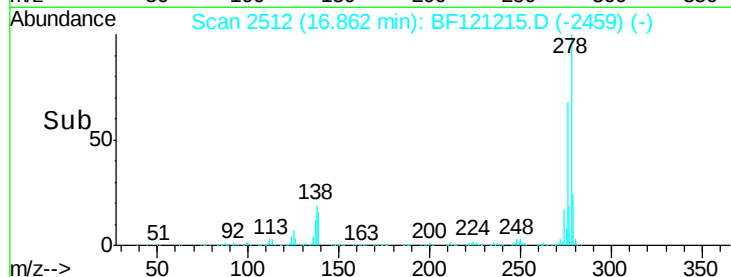
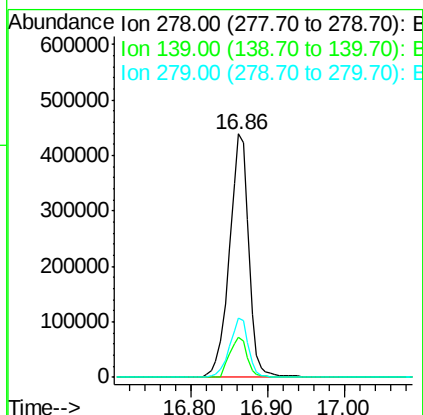
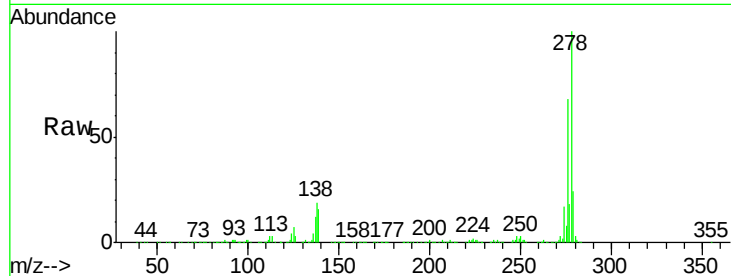




#91  
Dibenzo(a,h)anthracene  
Concen: 39.074 ng  
RT: 16.86 min Scan# 2512  
Delta R.T. 0.01 min  
Lab File: BF121215.D  
Acq: 6 Aug 2020 21:43

Instrument :  
BNA\_F  
ClientSampleId :  
8/5-A-EMSD

Tot Ion:278 Resp: 773431  
Ion Ratio Lower Upper  
278 100  
139 16.4 12.6 18.8  
279 24.2 19.5 29.3



#92  
Benzo(g,h,i)perylene  
Concen: 38.015 ng  
RT: 17.28 min Scan# 2583  
Delta R.T. 0.02 min  
Lab File: BF121215.D  
Acq: 6 Aug 2020 21:43

Tgt Ion:276 Resp: 741932  
Ion Ratio Lower Upper  
276 100  
277 23.8 19.4 29.0  
138 21.3 17.2 25.8

