

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\  
 Data File : BF121459.D  
 Acq On : 28 Aug 2020 14:52  
 Operator : JU/CG  
 Sample : L3507-13MS 5X  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SU-03-082720MS

Quant Time: Aug 28 16:19:05 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 28 09:25:49 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.86  | 152  | 309923   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.14  | 136  | 1211216  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.90  | 164  | 641504   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.38 | 188  | 1210210  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.02 | 240  | 813605   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.49 | 264  | 767984   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.46  | 112  | 305936   | 16.56 | ng    | -0.01    |
| 7) Phenol-d6                | 6.47  | 99   | 395272   | 15.31 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.42  | 82   | 239475   | 13.52 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.68 | 330  | 112906   | 17.43 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.22  | 172  | 513488   | 12.92 | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.97 | 244  | 520535   | 13.47 | ng    | 0.00     |

| Target Compounds               | R.T. | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 2.63 | 88   | 74703    | 8.480  | ng    | 99     |
| 3) Pyridine                    | 3.39 | 79   | 163382   | 6.810  | ng    | 98     |
| 4) n-Nitrosodimethylamine      | 3.32 | 42   | 97948    | 9.237  | ng    | 96     |
| 6) Aniline                     | 6.52 | 93   | 167768   | 5.477  | ng    | 98     |
| 8) 2-Chlorophenol              | 6.64 | 128  | 204574   | 10.912 | ng    | 94     |
| 9) Benzaldehyde                | 6.40 | 77   | 121551   | 6.245  | ng    | 99     |
| 10) Phenol                     | 6.49 | 94   | 261813   | 10.368 | ng    | 97     |
| 11) bis(2-Chloroethyl)ether    | 6.59 | 93   | 200503   | 9.772  | ng    | 100    |
| 12) 1,3-Dichlorobenzene        | 6.80 | 146  | 218711   | 9.689  | ng    | 97     |
| 13) 1,4-Dichlorobenzene        | 6.87 | 146  | 217943   | 9.634  | ng    | 100    |
| 14) 1,2-Dichlorobenzene        | 7.03 | 146  | 209427   | 9.942  | ng    | 97     |
| 15) Benzyl Alcohol             | 6.99 | 79   | 173292   | 10.228 | ng    | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.13 | 45   | 289870   | 9.537  | ng    | 99     |
| 17) 2-Methylphenol             | 7.10 | 107  | 167153   | 10.247 | ng    | 98     |
| 18) Hexachloroethane           | 7.37 | 117  | 77242    | 9.977  | ng    | 95     |
| 19) n-Nitroso-di-n-propylamine | 7.26 | 70   | 152810   | 10.592 | ng    | 99     |
| 20) 3+4-Methylphenols          | 7.25 | 107  | 218873   | 11.088 | ng    | # 73   |
| 22) Acetophenone               | 7.26 | 105  | 295328   | 9.893  | ng    | # 97   |
| 24) Nitrobenzene               | 7.43 | 77   | 210752   | 11.867 | ng    | 97     |
| 25) Isophorone                 | 7.67 | 82   | 402209   | 10.093 | ng    | 99     |
| 26) 2-Nitrophenol              | 7.75 | 139  | 85333    | 18.128 | ng    | 90     |
| 27) 2,4-Dimethylphenol         | 7.79 | 122  | 184560   | 11.167 | ng    | 97     |
| 28) bis(2-Chloroethoxy)methane | 7.89 | 93   | 256062   | 9.450  | ng    | 98     |
| 29) 2,4-Dichlorophenol         | 7.99 | 162  | 164749   | 10.096 | ng    | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.08 | 180  | 184154   | 9.212  | ng    | 99     |
| 31) Naphthalene                | 8.16 | 128  | 746143   | 12.408 | ng    | 98     |
| 32) Benzoic acid               | 7.86 | 122  | 80691    | 15.775 | ng    | 97     |
| 33) 4-Chloroaniline            | 8.20 | 127  | 128024   | 4.780  | ng    | 98     |
| 34) Hexachlorobutadiene        | 8.29 | 225  | 105401   | 8.866  | ng    | 99     |
| 35) Caprolactam                | 8.55 | 113  | 55547    | 10.436 | ng    | 99     |
| 36) 4-Chloro-3-methylphenol    | 8.68 | 107  | 175830   | 10.219 | ng    | 100    |
| 37) 2-Methylnaphthalene        | 8.85 | 142  | 479977   | 12.048 | ng    | 99     |
| 38) 1-Methylnaphthalene        | 8.95 | 142  | 443680   | 11.794 | ng    | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.02 | 216  | 189611   | 9.971  | ng    | 98     |

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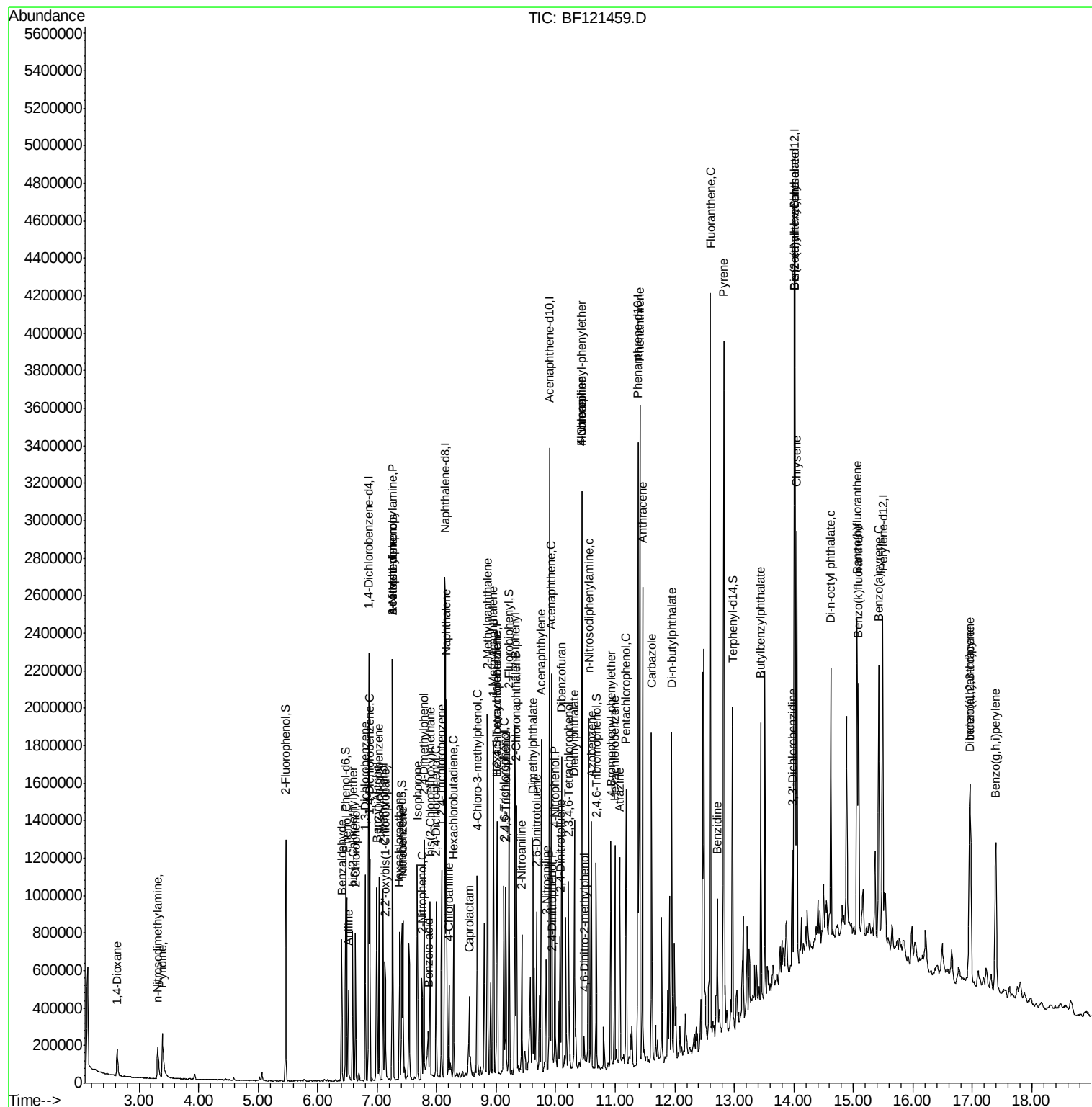
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.01  | 237  | 94724    | 11.845 | ng    | 96       |
| 43) 2,4,6-Trichlorophenol      | 9.13  | 196  | 122378   | 10.182 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.16  | 196  | 129062   | 10.859 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 9.32  | 154  | 518242   | 10.706 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 9.34  | 162  | 376242   | 9.456  | ng    | 98       |
| 48) 2-Nitroaniline             | 9.43  | 65   | 108876   | 15.047 | ng    | 93       |
| 49) Acenaphthylene             | 9.76  | 152  | 649676   | 10.886 | ng    | 97       |
| 50) Dimethylphthalate          | 9.61  | 163  | 488857   | 11.094 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.67  | 165  | 86342    | 15.475 | ng    | 97       |
| 52) Acenaphthene               | 9.93  | 154  | 428380   | 11.367 | ng    | 99       |
| 53) 3-Nitroaniline             | 9.84  | 138  | 74161    | 11.699 | ng    | 98       |
| 54) 2,4-Dinitrophenol          | 9.95  | 184  | 18758    | 16.427 | ng    | 96       |
| 55) Dibenzofuran               | 10.10 | 168  | 612604   | 11.191 | ng    | 100      |
| 56) 4-Nitrophenol              | 9.99  | 139  | 155508   | 24.339 | ng    | 89       |
| 57) 2,4-Dinitrotoluene         | 10.07 | 165  | 106460   | 16.160 | ng    | 93       |
| 58) Fluorene                   | 10.45 | 166  | 545298   | 13.214 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.22 | 232  | 107071   | 10.820 | ng    | # 97     |
| 60) Diethylphthalate           | 10.32 | 149  | 455702   | 10.293 | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 10.44 | 204  | 210875   | 10.199 | ng    | 95       |
| 62) 4-Nitroaniline             | 10.45 | 138  | 88044    | 11.939 | ng    | 93       |
| 63) Azobenzene                 | 10.60 | 77   | 443871   | 10.139 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 10.48 | 198  | 18198    | 13.283 | ng    | 96       |
| 66) n-Nitrosodiphenylamine     | 10.55 | 169  | 382039   | 9.981  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.93 | 248  | 127276   | 9.560  | ng    | 97       |
| 68) Hexachlorobenzene          | 10.99 | 284  | 141107   | 9.064  | ng    | 97       |
| 69) Atrazine                   | 11.07 | 200  | 108302   | 9.756  | ng    | 100      |
| 70) Pentachlorophenol          | 11.18 | 266  | 151101   | 21.245 | ng    | 100      |
| 71) Phenanthrene               | 11.41 | 178  | 1363192  | 21.950 | ng    | 98       |
| 72) Anthracene                 | 11.46 | 178  | 857617   | 14.040 | ng    | 97       |
| 73) Carbazole                  | 11.61 | 167  | 648558   | 11.011 | ng    | 97       |
| 74) Di-n-butylphthalate        | 11.95 | 149  | 759971   | 11.614 | ng    | 98       |
| 75) Fluoranthene               | 12.60 | 202  | 1666148  | 24.892 | ng    | 97       |
| 77) Benzidine                  | 12.72 | 184  | 250190   | 14.100 | ng    | 98       |
| 78) Pyrene                     | 12.82 | 202  | 1561181  | 26.868 | ng    | 98       |
| 80) Butylbenzylphthalate       | 13.45 | 149  | 293442   | 13.109 | ng    | 96       |
| 81) Benzo(a)anthracene         | 14.01 | 228  | 934162   | 18.809 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.97 | 252  | 137491   | 7.558  | ng    | 99       |
| 83) Chrysene                   | 14.05 | 228  | 858742   | 17.282 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phthalate | 14.01 | 149  | 402406   | 13.918 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.62 | 149  | 645847   | 13.181 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene     | 16.95 | 276  | 709883   | 15.023 | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 15.06 | 252  | 845920   | 16.933 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 15.09 | 252  | 631432   | 13.589 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.43 | 252  | 722143   | 16.076 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.97 | 278  | 480431   | 12.421 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 17.39 | 276  | 624680   | 16.765 | ng    | 98       |

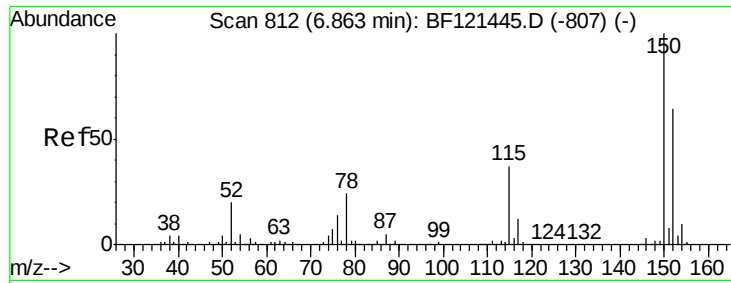
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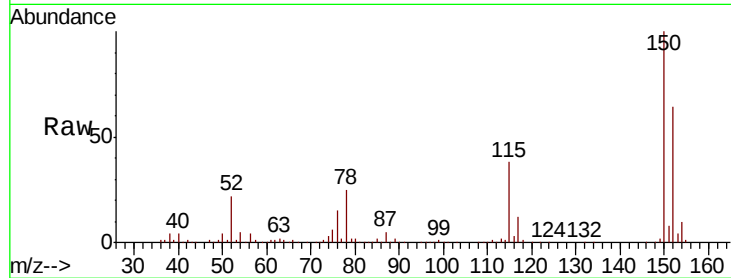


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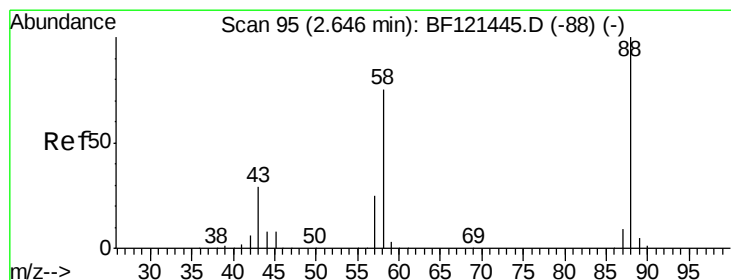
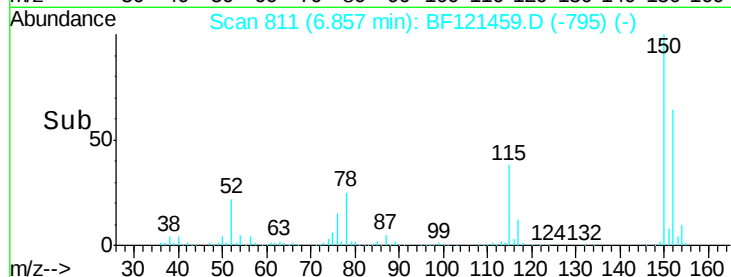
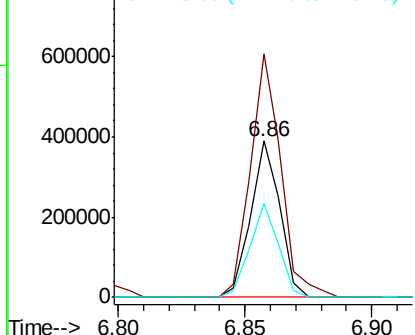
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.86 min Scan# 811  
Delta R.T. -0.01 min  
Lab File: BF121459.D  
Acq: 28 Aug 2020 14:52

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-082720MS

Tot Ion:152 Resp: 309923  
Ion Ratio Lower Upper  
152 100  
150 156.0 125.8 188.6  
115 59.8 46.6 69.8



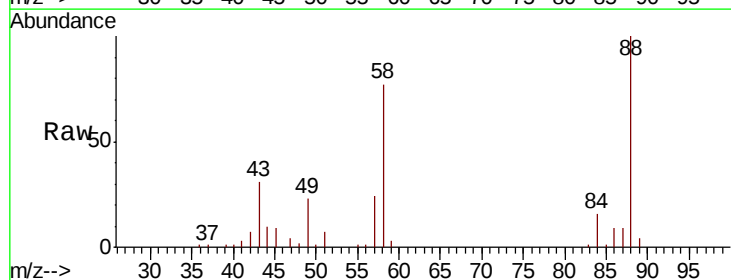
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



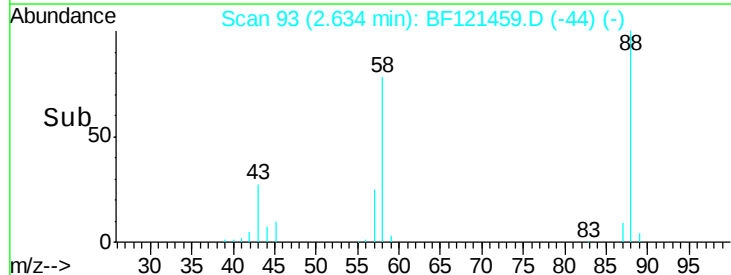
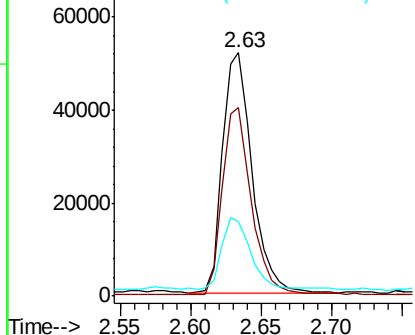
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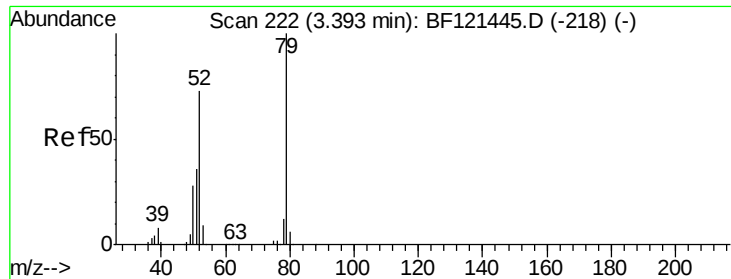
1,4-Dioxane  
Concen: 8.480 ng  
RT: 2.63 min Scan# 93  
Delta R.T. -0.01 min  
Lab File: BF121459.D  
Acq: 28 Aug 2020 14:52

Tgt Ion: 88 Resp: 74703  
Ion Ratio Lower Upper  
88 100  
58 76.3 61.1 91.7  
43 31.2 23.4 35.0



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



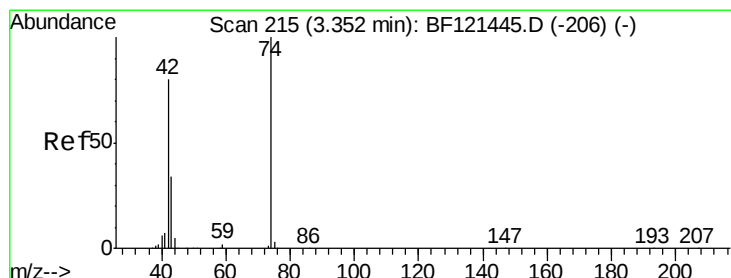
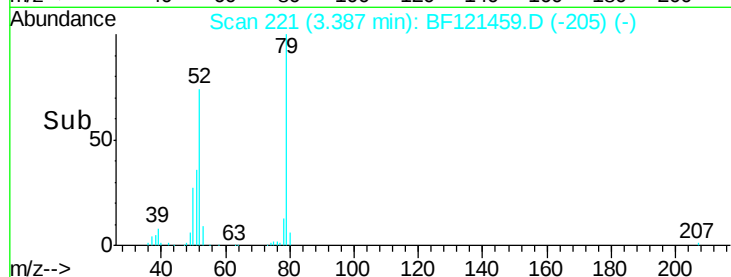
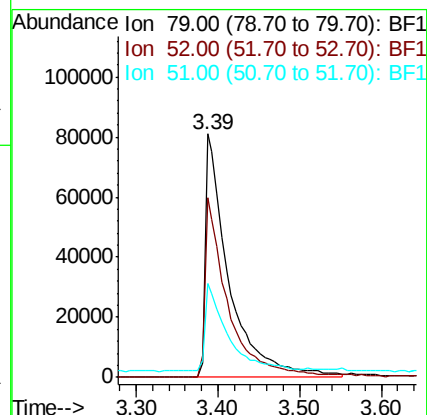
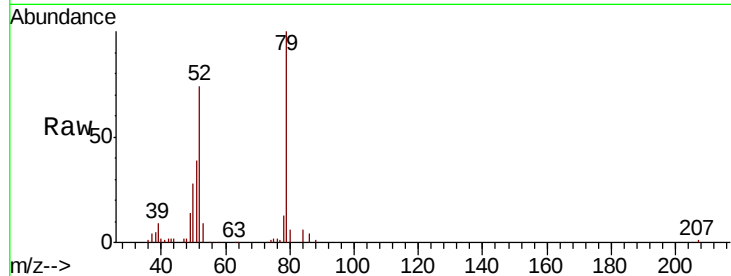


#3  
 Pvridine  
 Concen: 6.810 ng  
 RT: 3.39 min Scan# 221  
 Delta R.T. -0.01 min  
 Lab File: BF121459.D  
 Acq: 28 Aug 2020 14:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SU-03-082720MS

Tot Ion: 79 Resp: 163382

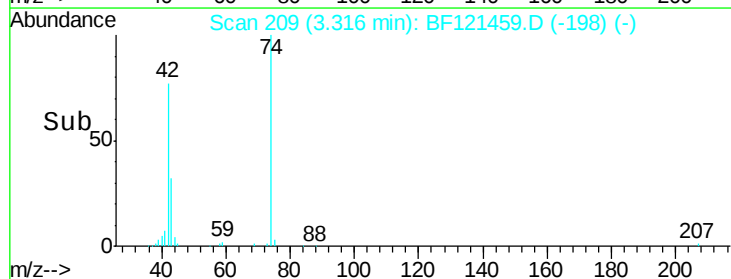
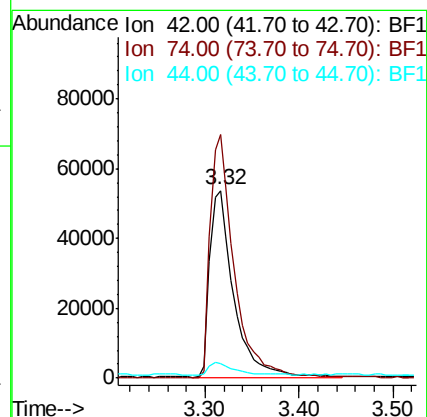
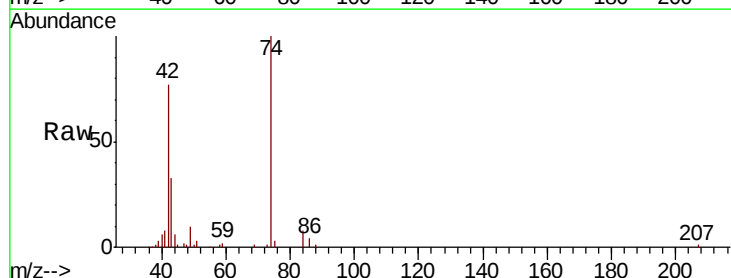
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 74.0  | 58.2  | 87.4  |
| 51  | 38.7  | 29.1  | 43.7  |

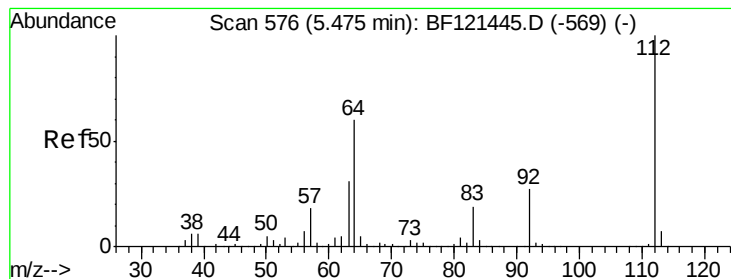


#4  
 n-Nitrosodimethylamine  
 Concen: 9.237 ng  
 RT: 3.32 min Scan# 209  
 Delta R.T. -0.04 min  
 Lab File: BF121459.D  
 Acq: 28 Aug 2020 14:52

Tgt Ion: 42 Resp: 97948

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 129.9 | 100.2 | 150.4 |
| 44  | 7.8   | 5.4   | 8.0   |





#5

2-Fluorophenol

Concen: 16.562 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA\_F

ClientSampleId :

SU-03-082720MS

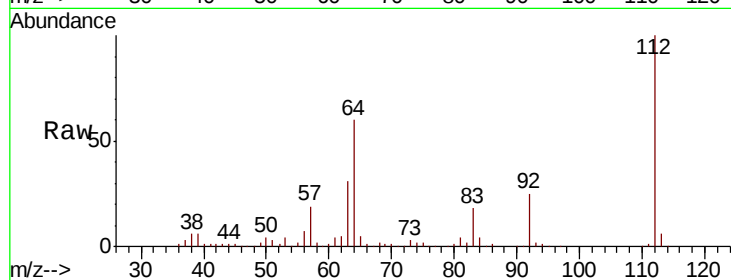
Tot Ion:112 Resp: 305936

Ion Ratio Lower Upper

112 100

64 59.7 48.2 72.2

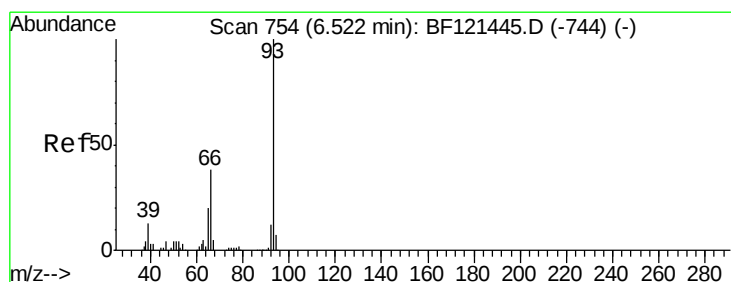
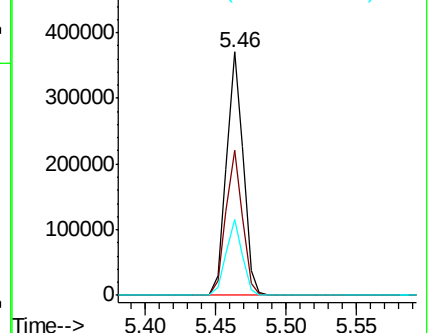
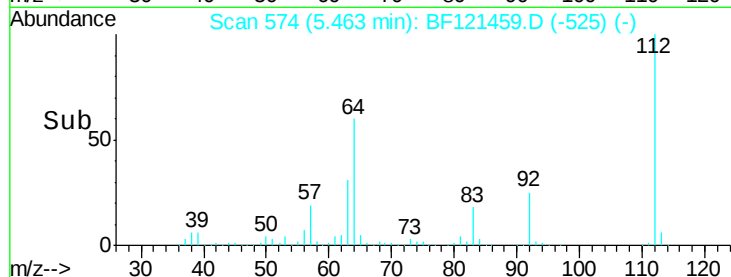
63 31.0 24.8 37.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 5.477 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

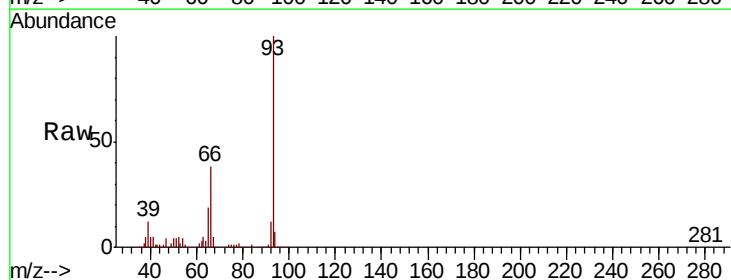
Tgt Ion: 93 Resp: 167768

Ion Ratio Lower Upper

93 100

66 37.7 30.9 46.3

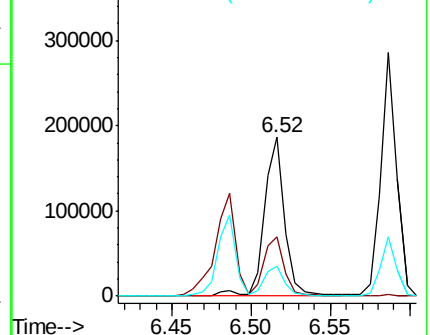
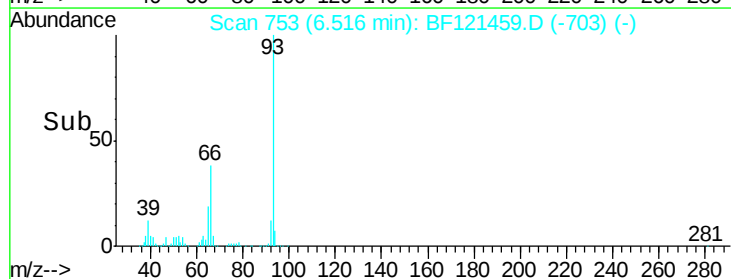
65 19.1 15.9 23.9

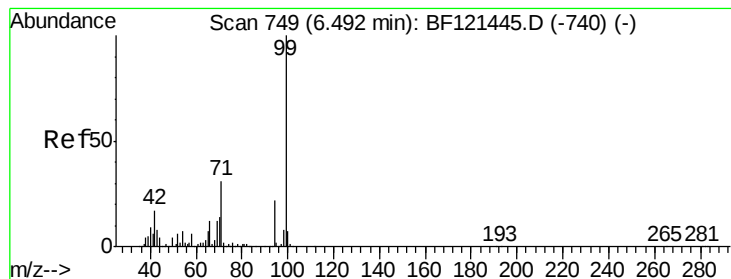


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 15.312 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF121459.D

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Instrument :

BNA\_F

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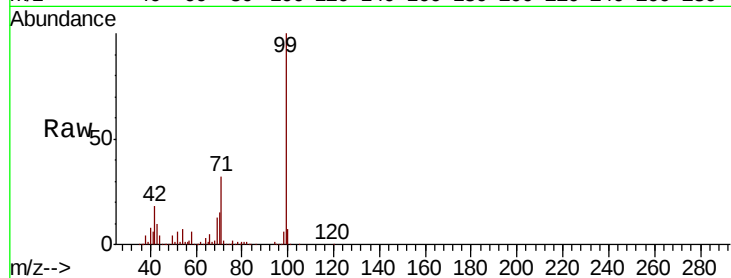
Tot Ion: 99 Resp: 395272

Ion Ratio Lower Upper

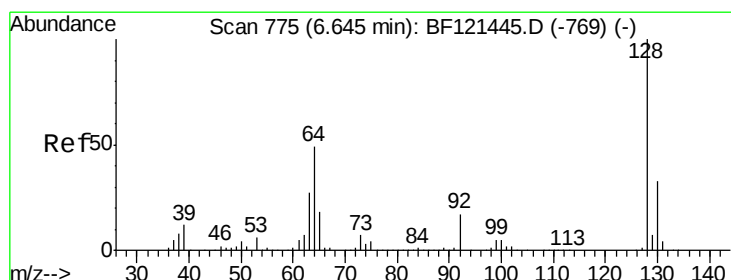
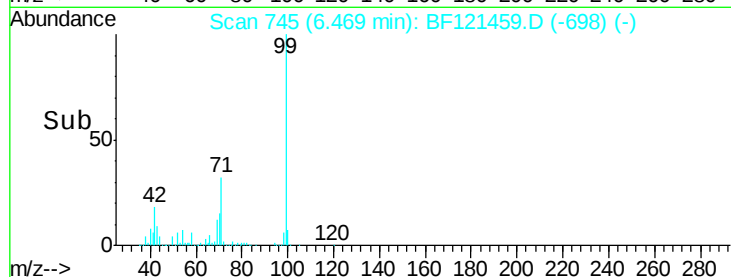
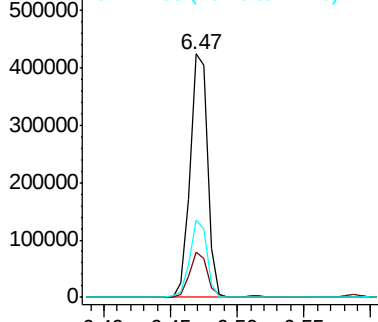
99 100

42 18.4 13.5 20.3

71 31.8 24.6 37.0



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: 10.912 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

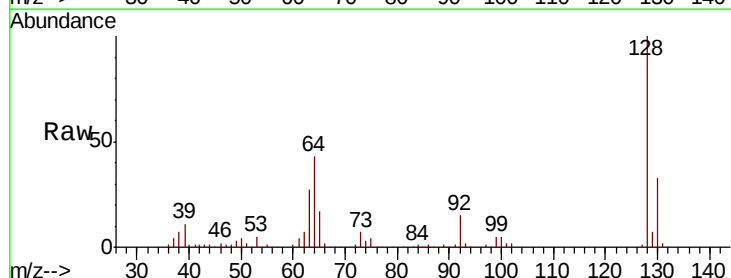
Tgt Ion: 128 Resp: 204574

Ion Ratio Lower Upper

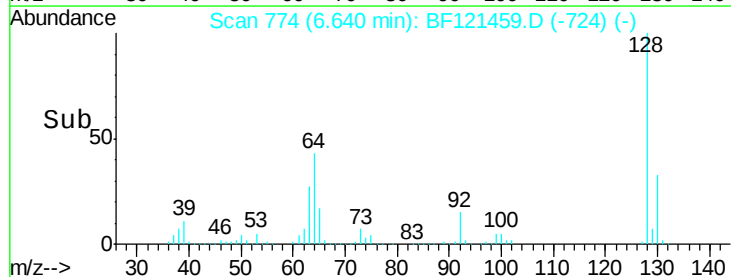
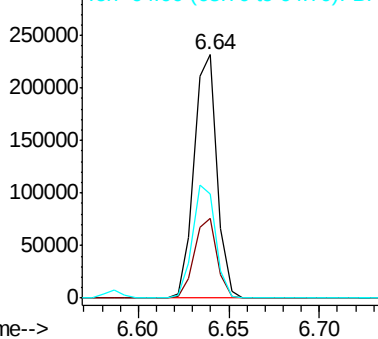
128 100

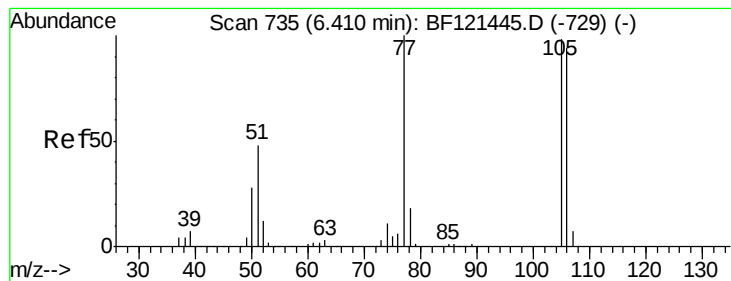
130 32.9 12.6 52.6

64 42.7 29.5 69.5



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





#9

Benzaldehyde

Concen: 6.245 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA\_F

ClientSampleId :

SU-03-082720MS

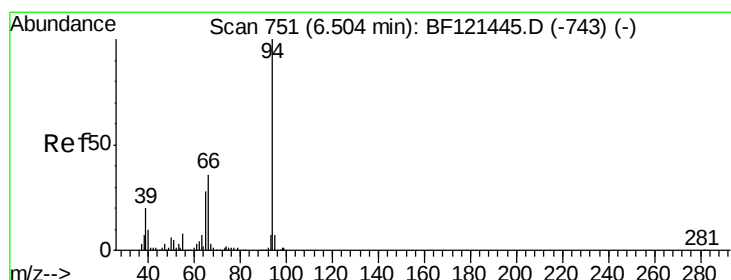
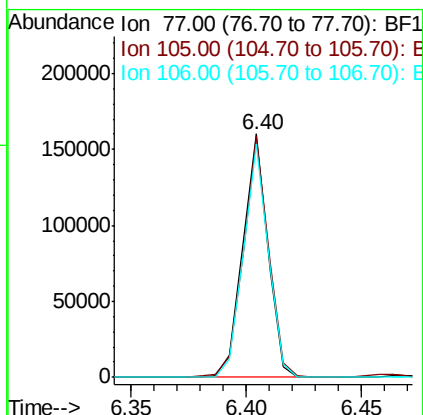
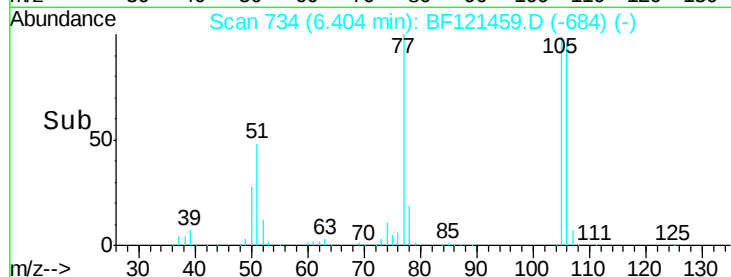
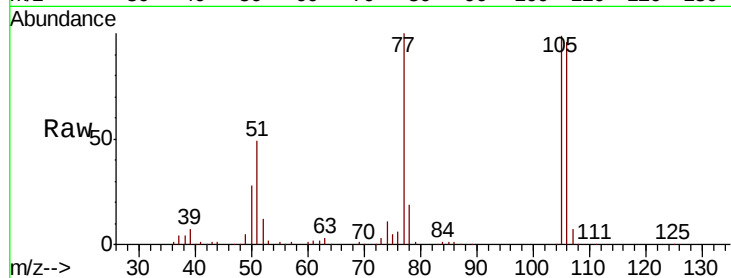
Tot Ion: 77 Resp: 121551

Ion Ratio Lower Upper

77 100

105 98.9 78.1 118.1

106 95.7 74.3 114.3



#10

Phenol

Concen: 10.368 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

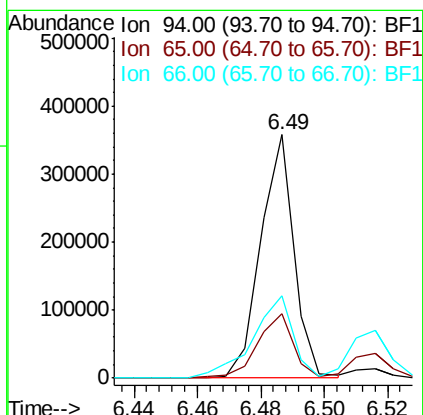
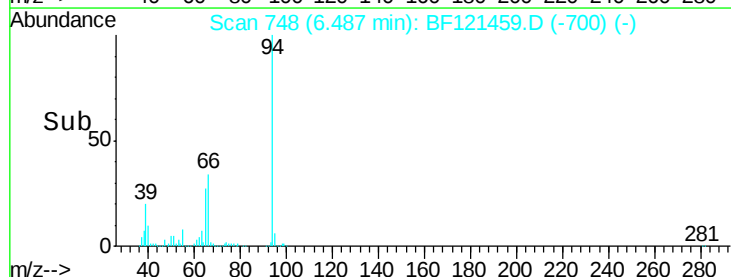
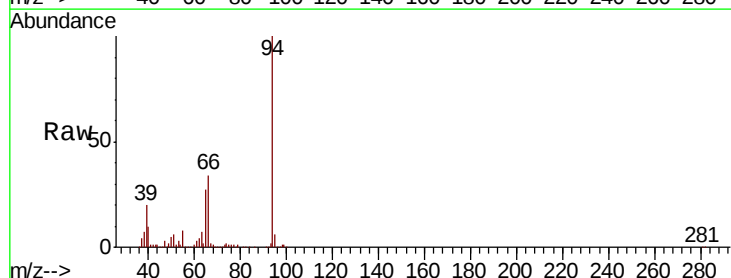
Tgt Ion: 94 Resp: 261813

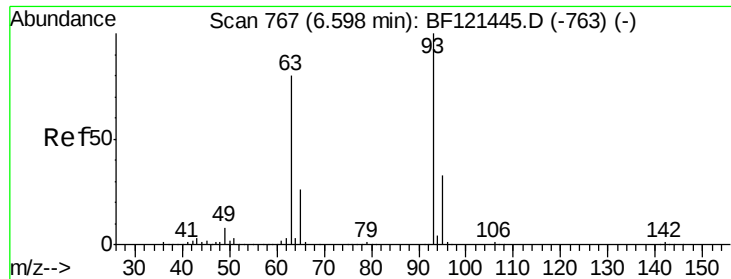
Ion Ratio Lower Upper

94 100

65 26.5 7.9 47.9

66 33.6 16.0 56.0

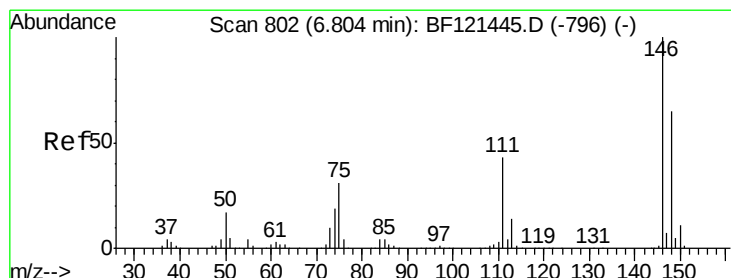
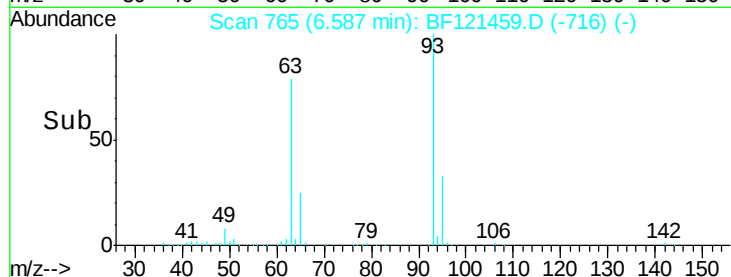
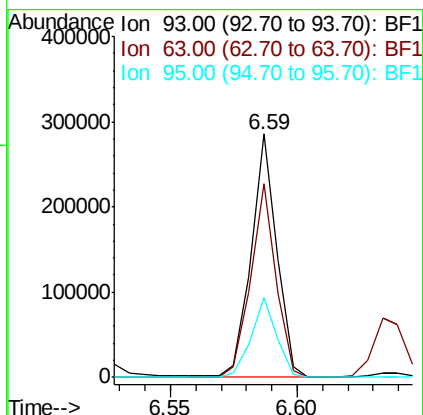
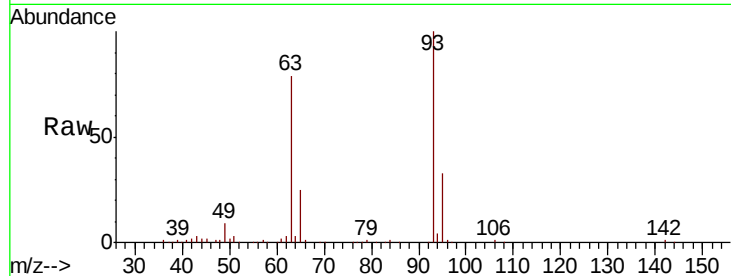




#11  
bis(2-Chloroethyl)ether  
Concen: 9.772 ng  
RT: 6.59 min Scan# 765  
Delta R.T. -0.01 min  
Lab File: BF121459.D  
Acq: 28 Aug 2020 14:52

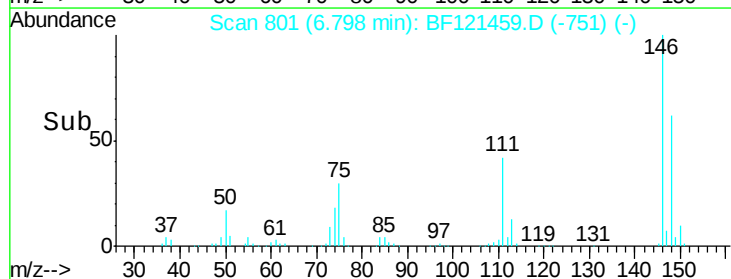
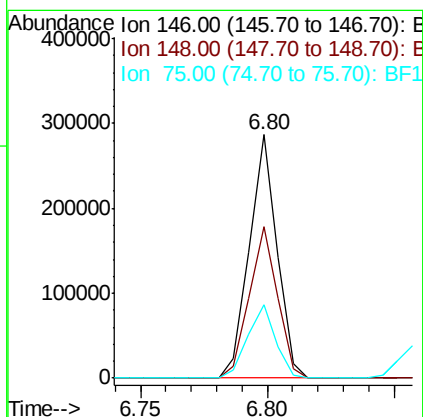
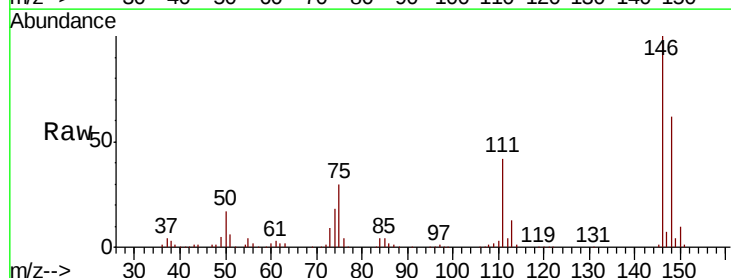
Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-082720MS

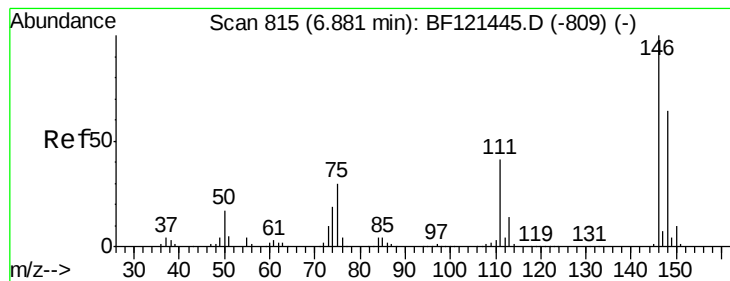
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 200503 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 79.4  | 59.3  | 99.3   |
| 95       | 32.5  | 13.0  | 53.0   |



#12  
1,3-Dichlorobenzene  
Concen: 9.689 ng  
RT: 6.80 min Scan# 801  
Delta R.T. -0.01 min  
Lab File: BF121459.D  
Acq: 28 Aug 2020 14:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 218711 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 62.3  | 52.1  | 78.1   |
| 75       | 30.4  | 24.9  | 37.3   |





#13

1,4-Dichlorobenzene

Concen: 9.634 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA\_F

ClientSampleId :

SU-03-082720MS

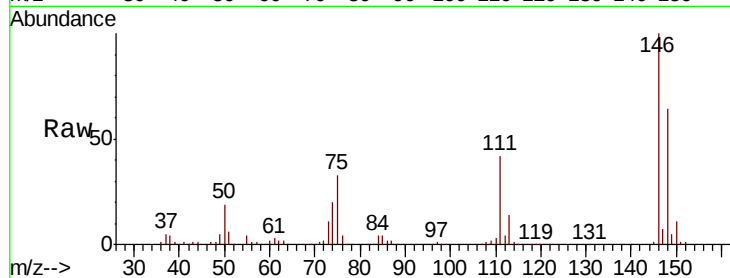
Tot Ion:146 Resp: 217943

Ion Ratio Lower Upper

146 100

148 63.9 51.2 76.8

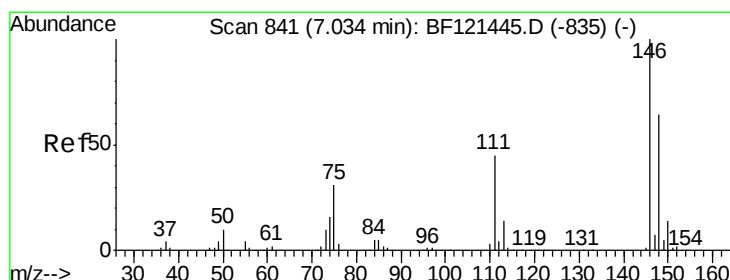
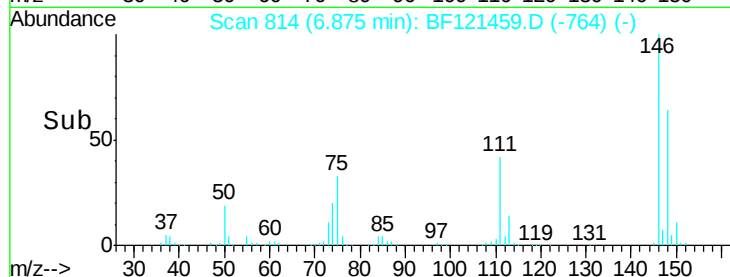
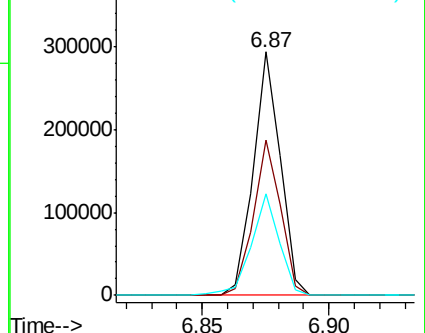
111 41.7 33.0 49.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 9.942 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

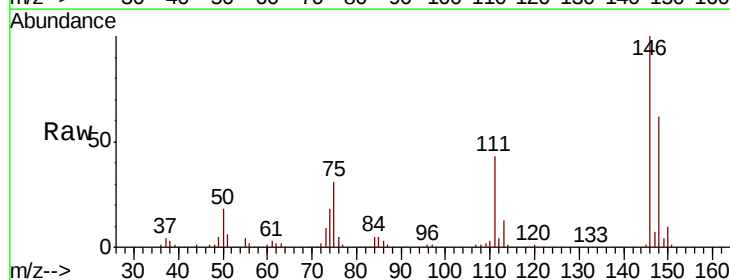
Tgt Ion:146 Resp: 209427

Ion Ratio Lower Upper

146 100

148 62.0 51.1 76.7

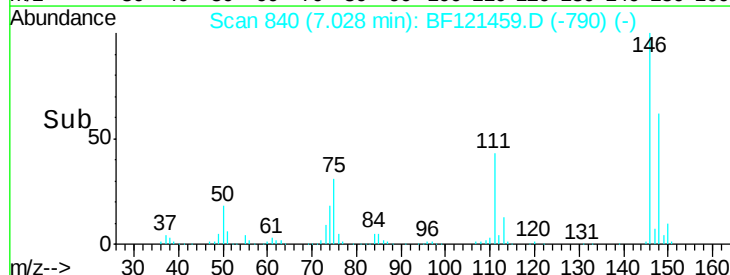
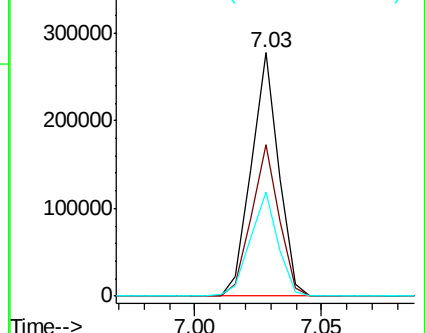
111 42.9 36.2 54.2

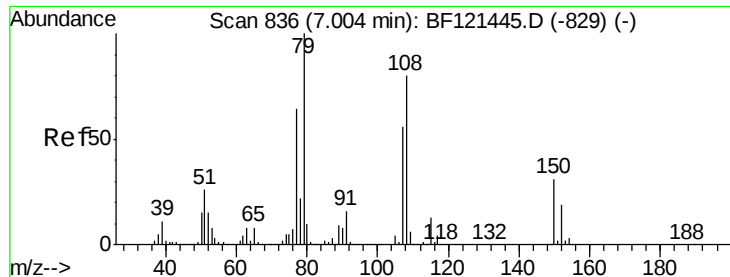


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 10.228 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA\_F

ClientSampleId :

SU-03-082720MS

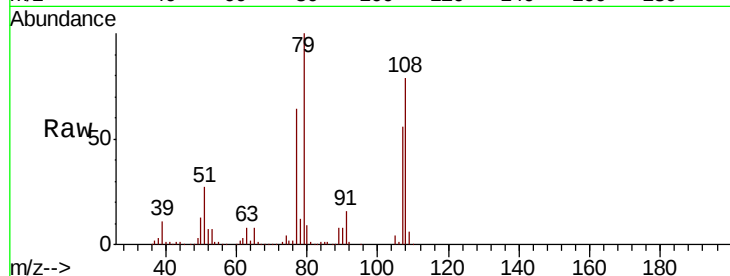
Tot Ion: 79 Resp: 173292

Ion Ratio Lower Upper

79 100

108 79.4 64.0 96.0

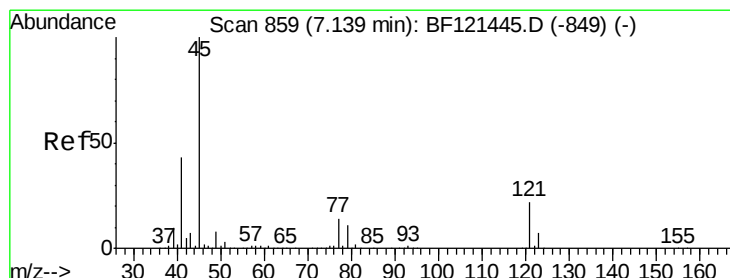
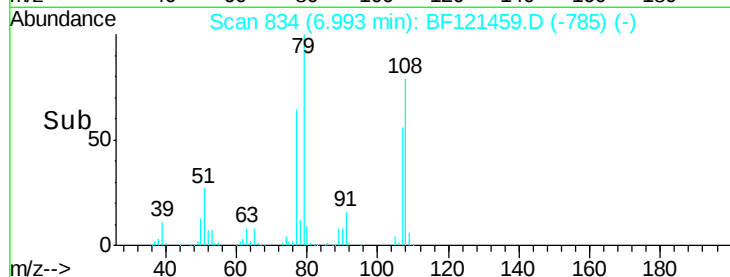
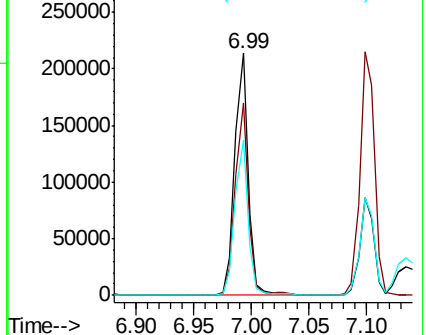
77 64.2 50.8 76.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.537 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

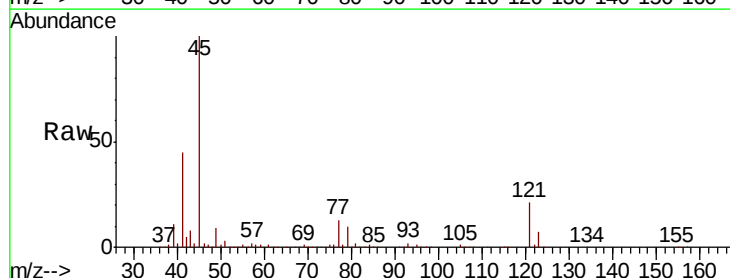
Tgt Ion: 45 Resp: 289870

Ion Ratio Lower Upper

45 100

77 13.4 0.0 33.8

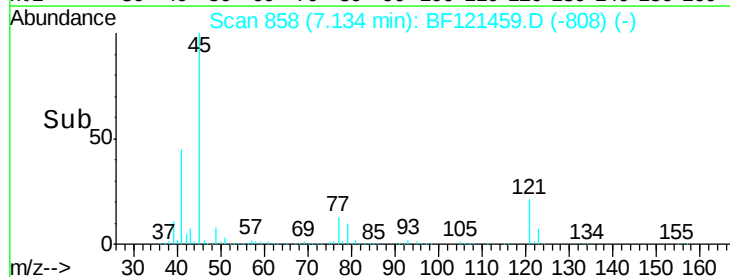
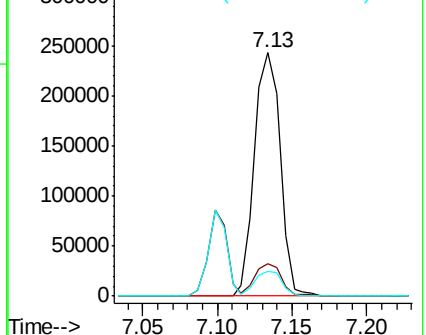
79 10.3 0.0 31.1

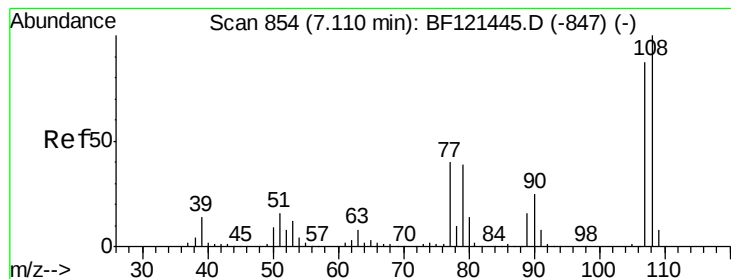


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

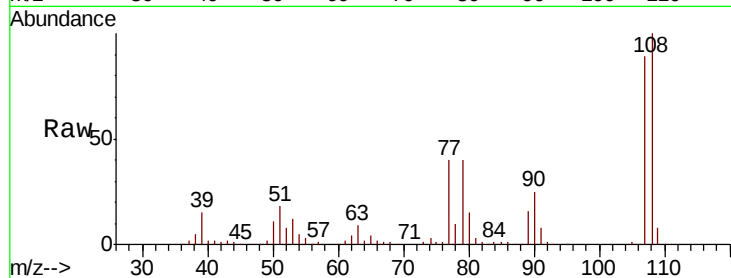




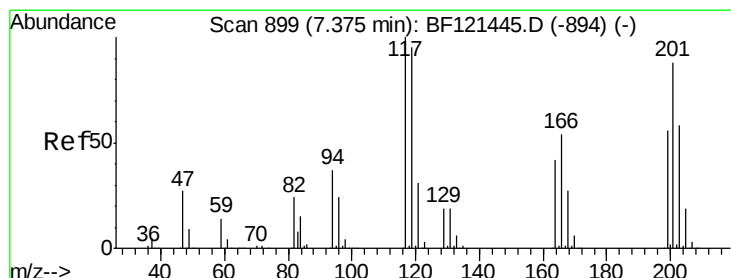
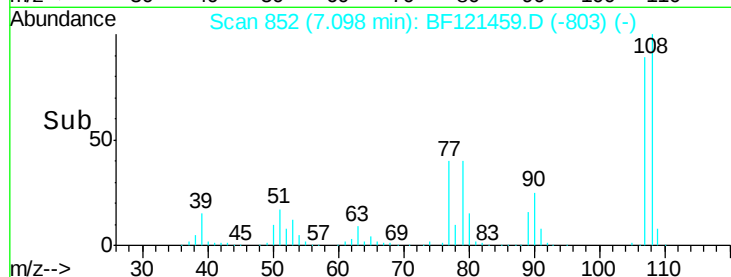
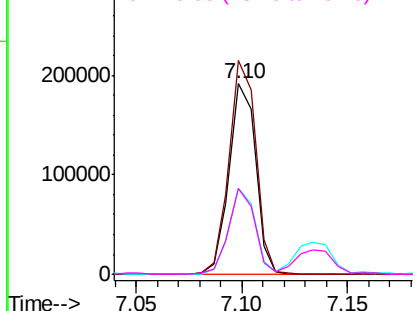
#17  
2-Methylphenol  
Concen: 10.247 ng  
RT: 7.10 min Scan# 852  
Delta R.T. -0.01 min  
Lab File: BF121459.D  
Acq: 28 Aug 2020 14:52

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-082720MS

Tot Ion:107 Resp: 167153  
Ion Ratio Lower Upper  
107 100  
108 112.1 91.7 137.5  
77 45.1 36.4 54.6  
79 45.0 35.5 53.3

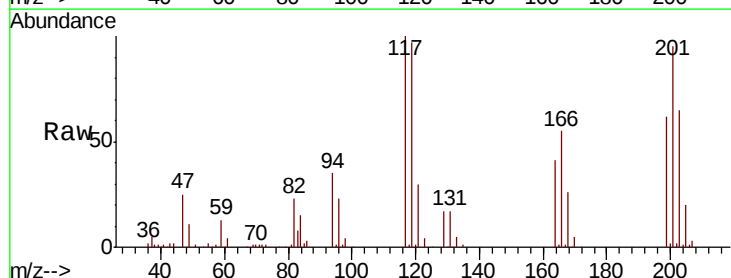


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

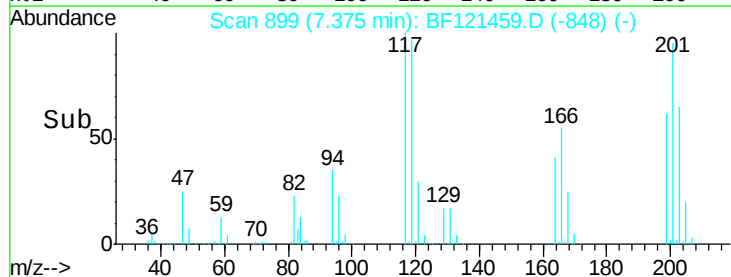
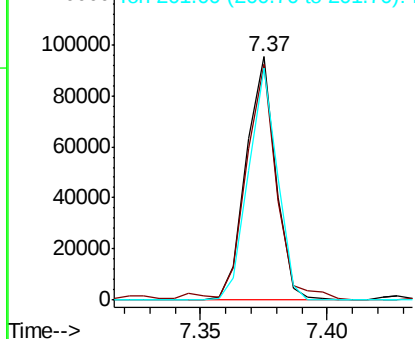


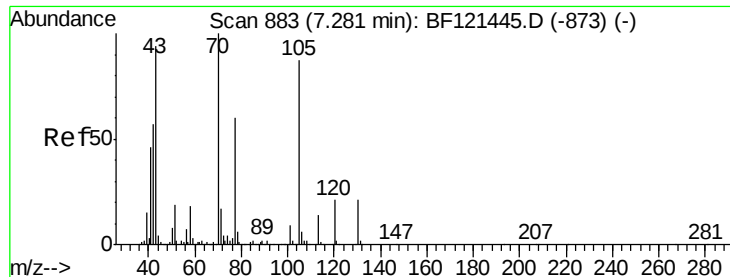
#18  
Hexachloroethane  
Concen: 9.977 ng  
RT: 7.37 min Scan# 899  
Delta R.T. 0.00 min  
Lab File: BF121459.D  
Acq: 28 Aug 2020 14:52

Tgt Ion:117 Resp: 77242  
Ion Ratio Lower Upper  
117 100  
119 97.0 75.8 113.8  
201 95.3 70.4 105.6



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

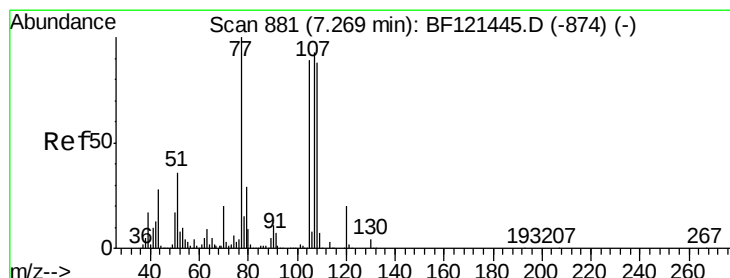
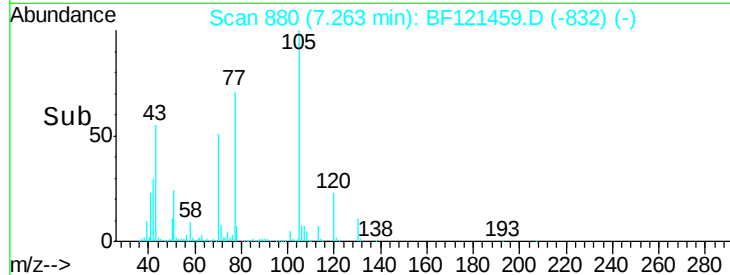
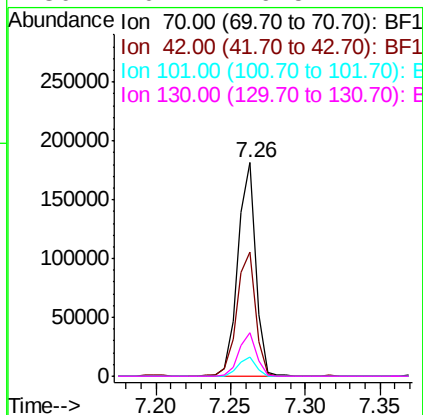
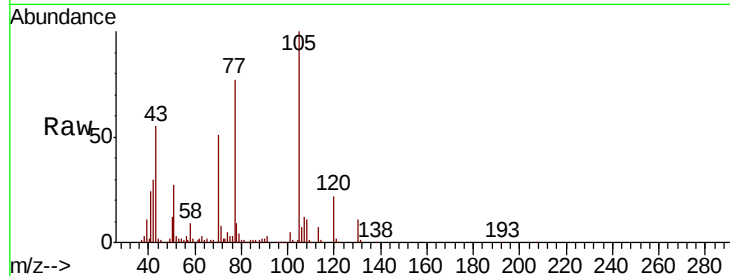




#19  
n-Nitroso-di-n-propylamine  
Concen: 10.592 ng  
RT: 7.26 min Scan# 880  
Delta R.T. -0.02 min  
Lab File: BF121459.D  
Acq: 28 Aug 2020 14:52

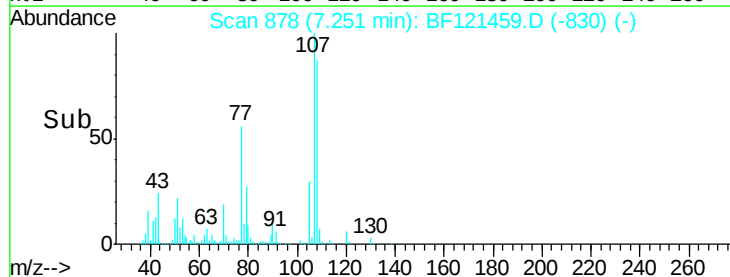
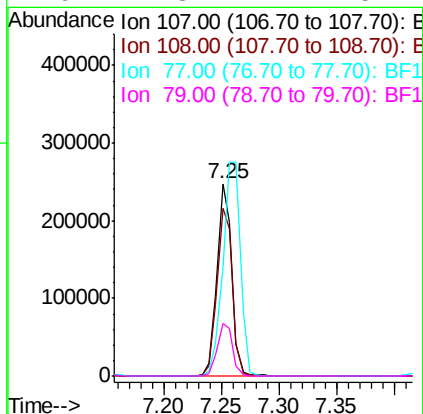
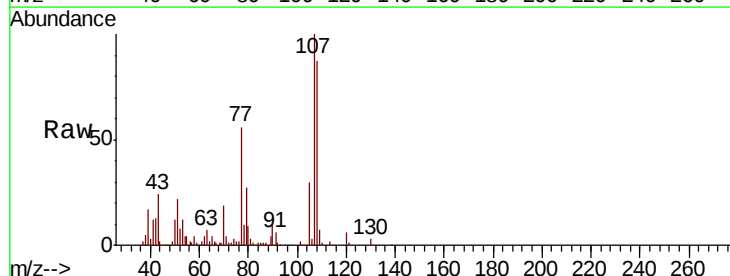
Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-082720MS

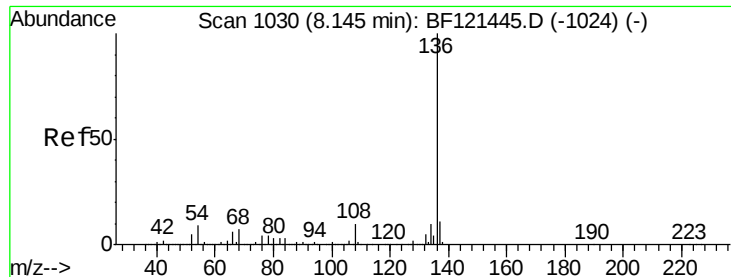
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 152810 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 58.0  | 45.8  | 68.6   |
| 101      | 9.1   | 7.5   | 11.3   |
| 130      | 20.7  | 16.5  | 24.7   |



#20  
3+4-Methylphenols  
Concen: 11.088 ng  
RT: 7.25 min Scan# 878  
Delta R.T. -0.02 min  
Lab File: BF121459.D  
Acq: 28 Aug 2020 14:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 218873 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 87.0  | 75.0  | 115.0  |
| 77       | 56.3  | 47.5  | 127.5  |
| 79       | 27.3  | 11.1  | 51.1   |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA\_F

ClientSampleId :

SU-03-082720MS

Tot Ion:136 Resp: 1211216

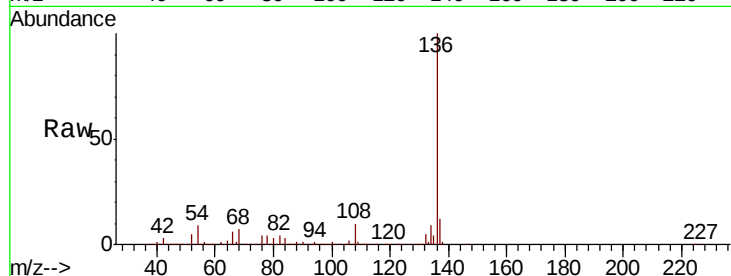
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 9.2 7.0 10.4

68 7.1 5.5 8.3

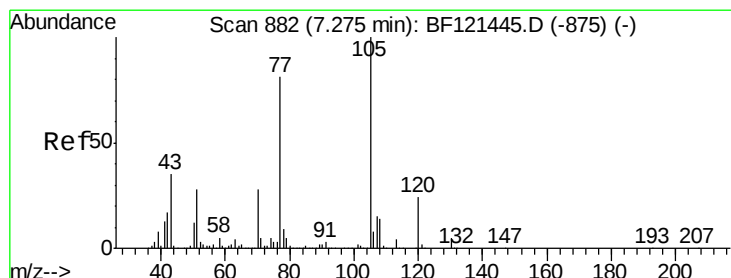
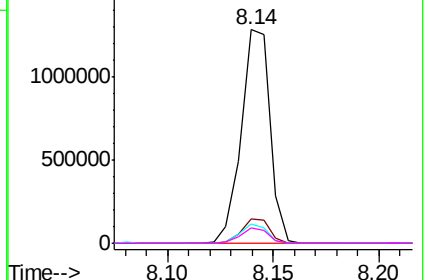
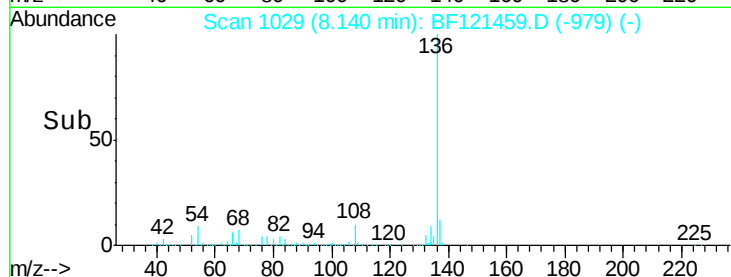


Abundance Ion 136.00 (135.70 to 136.70): E

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: 9.893 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Tgt Ion:105 Resp: 295328

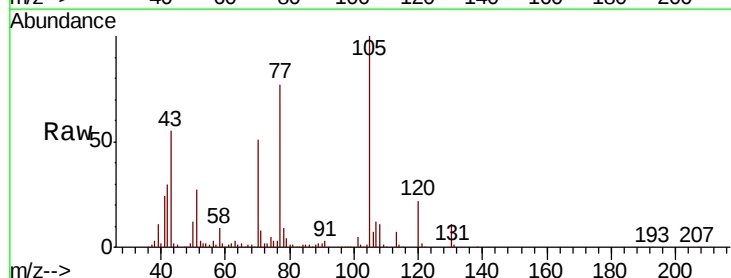
Ion Ratio Lower Upper

105 100

71 8.1 3.8 5.6#

51 27.3 22.6 33.8

120 22.4 18.9 28.3

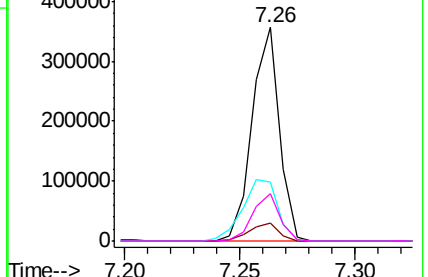
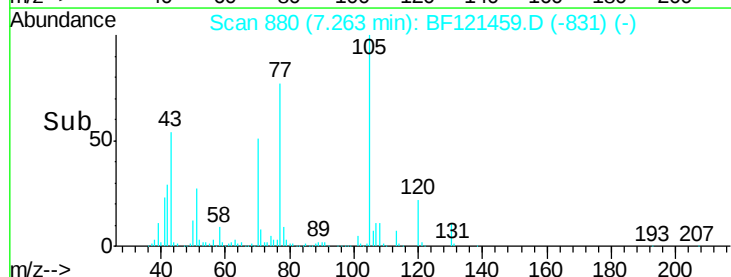


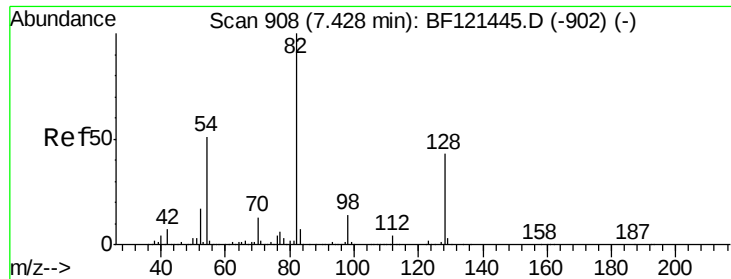
Abundance Ion 105.00 (104.70 to 105.70): E

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

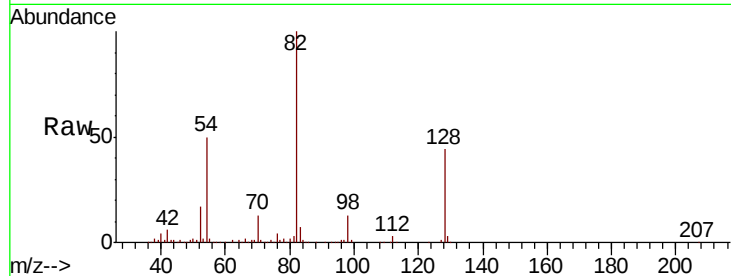




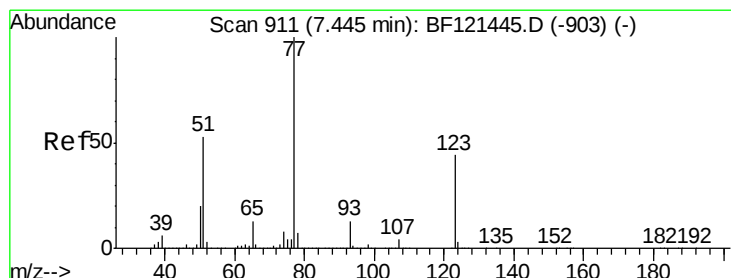
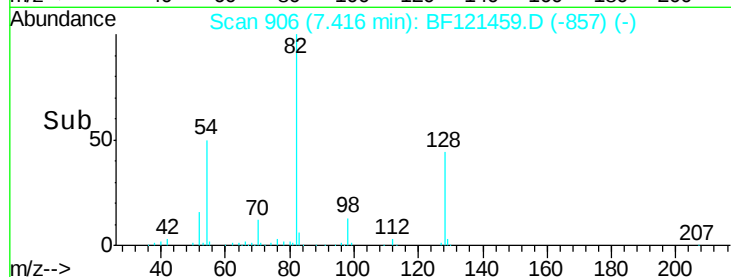
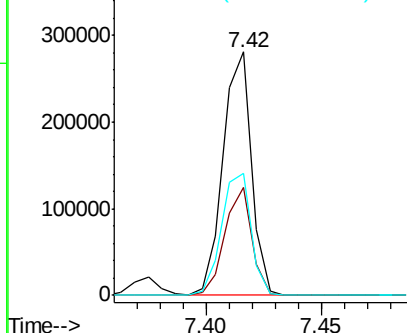
#23  
Nitrobenzene-d5  
Concen: 13.517 ng  
RT: 7.42 min Scan# 906  
Delta R.T. -0.01 min  
Lab File: BF121459.D  
Acq: 28 Aug 2020 14:52

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-082720MS

| Tot Ion   | 82   | Resp  | 239475 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 44.2 | 34.1  | 51.1   |
| 54        | 50.1 | 41.0  | 61.6   |

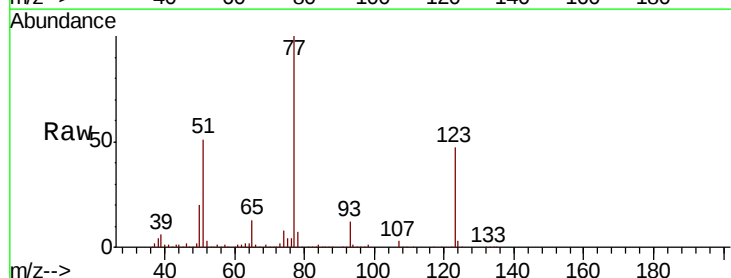


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1

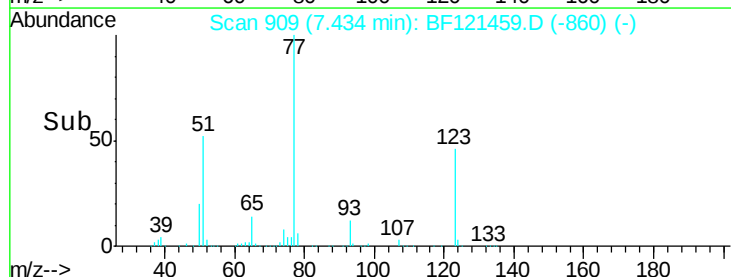
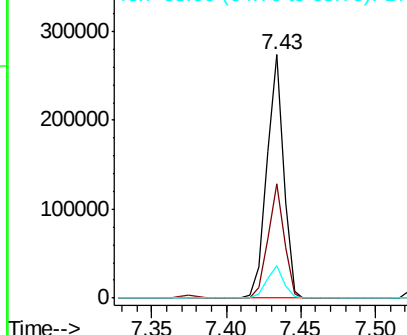


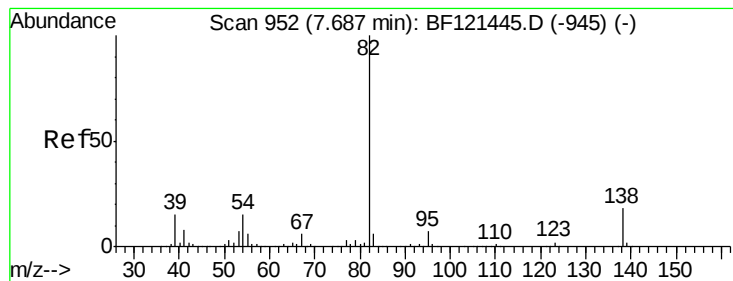
#24  
Nitrobenzene  
Concen: 11.867 ng  
RT: 7.43 min Scan# 909  
Delta R.T. -0.01 min  
Lab File: BF121459.D  
Acq: 28 Aug 2020 14:52

| Tgt Ion   | 77   | Resp  | 210752 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 123       | 46.9 | 35.5  | 53.3   |
| 65        | 13.3 | 10.6  | 16.0   |



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





#25

Isophorone

Concen: 10.093 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA\_F

ClientSampleId :

SU-03-082720MS

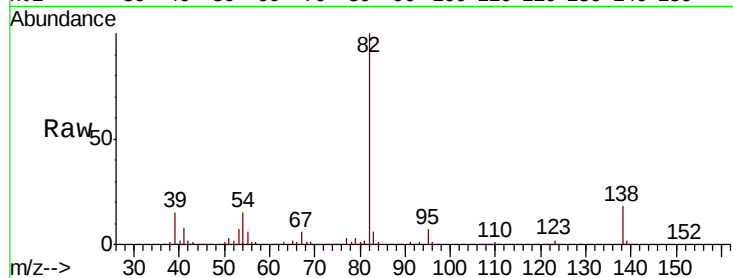
Tot Ion: 82 Resp: 402209

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

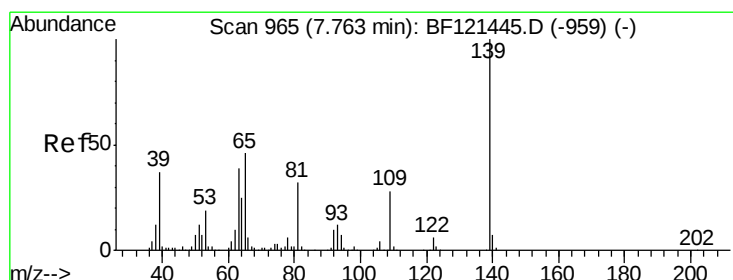
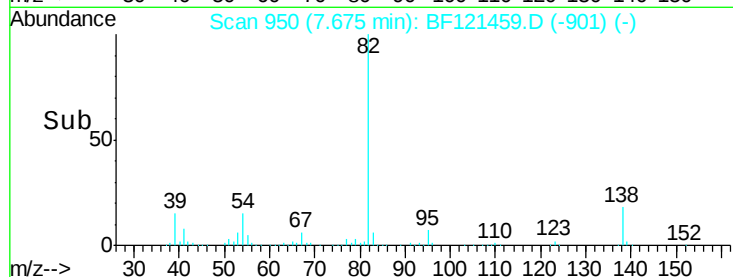
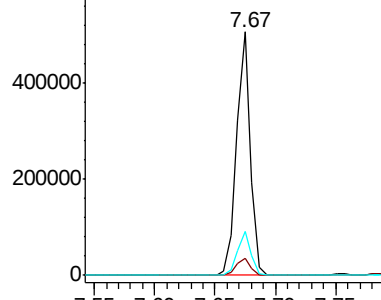
138 17.9 14.8 22.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 18.128 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

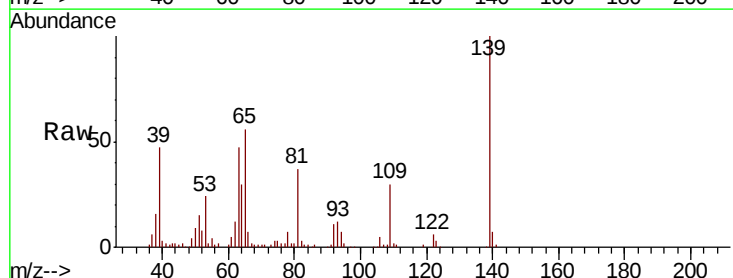
Tgt Ion: 139 Resp: 85333

Ion Ratio Lower Upper

139 100

109 29.5 22.1 33.1

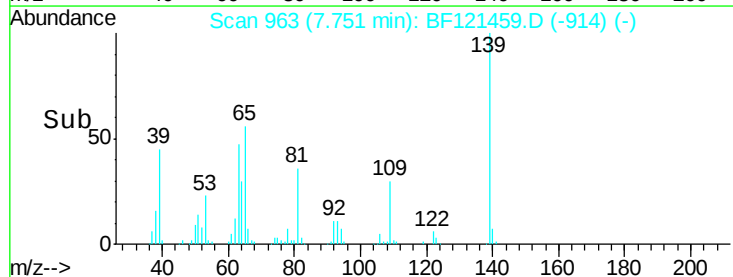
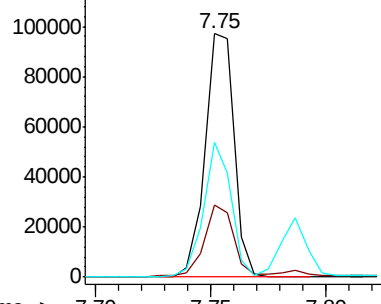
65 55.5 37.2 55.8

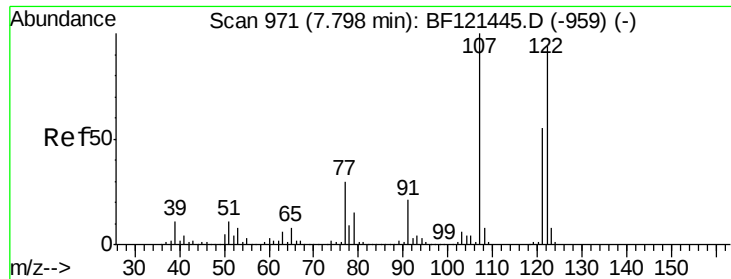


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 11.167 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA\_F

ClientSampleId :

SU-03-082720MS

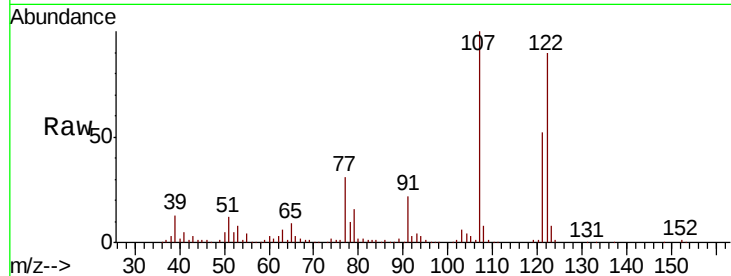
Tot Ion:122 Resp: 184560

Ion Ratio Lower Upper

122 100

107 110.8 84.9 127.3

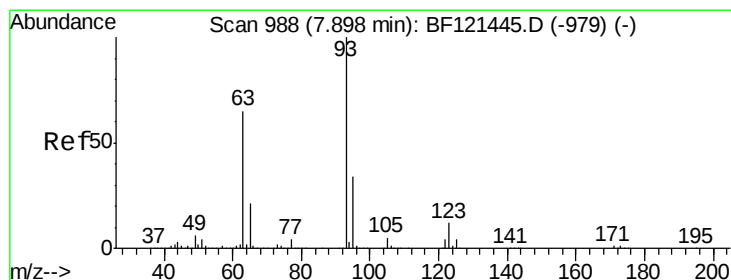
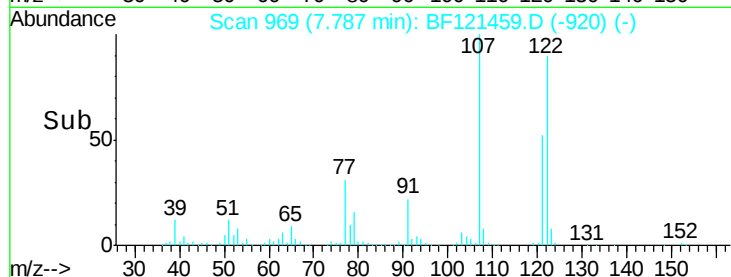
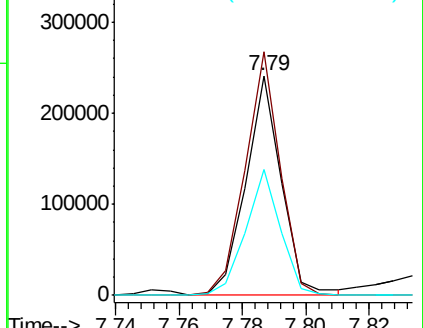
121 57.3 46.4 69.6



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: 9.450 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

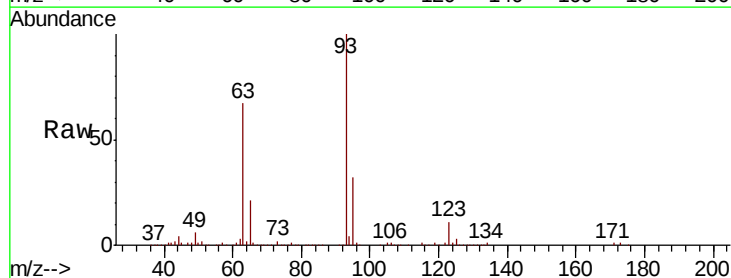
Tgt Ion: 93 Resp: 256062

Ion Ratio Lower Upper

93 100

95 32.2 26.8 40.2

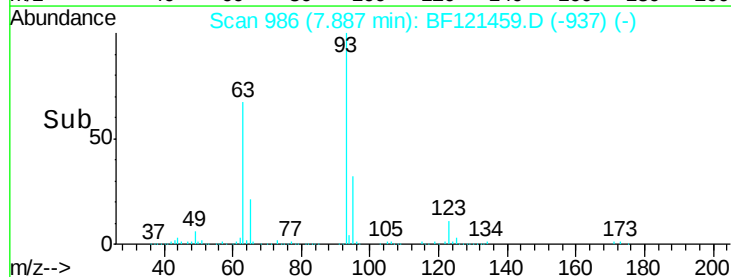
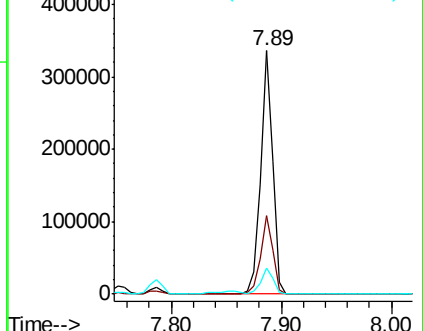
123 10.9 9.6 14.4

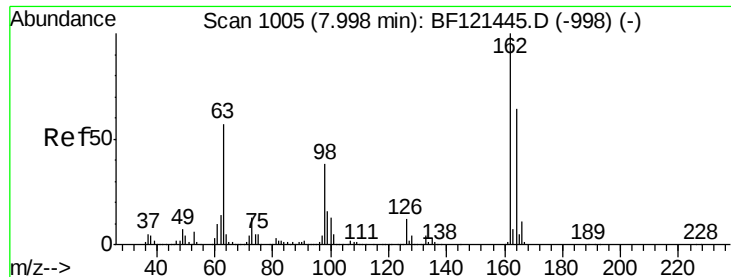


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

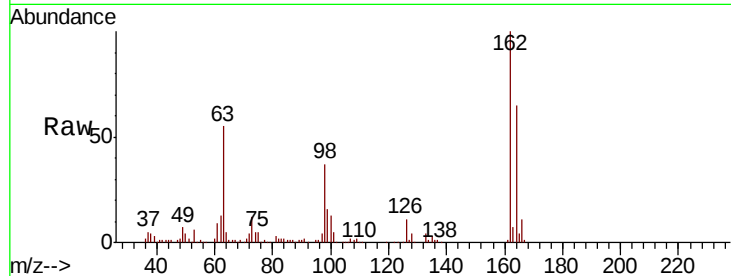




#29  
2,4-Dichlorophenol  
Concen: 10.096 ng  
RT: 7.99 min Scan# 1004  
Delta R.T. -0.01 min  
Lab File: BF121459.D  
Acq: 28 Aug 2020 14:52

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-082720MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.2  | 44.0  | 84.0  |
| 98      | 37.0  | 18.4  | 58.4  |

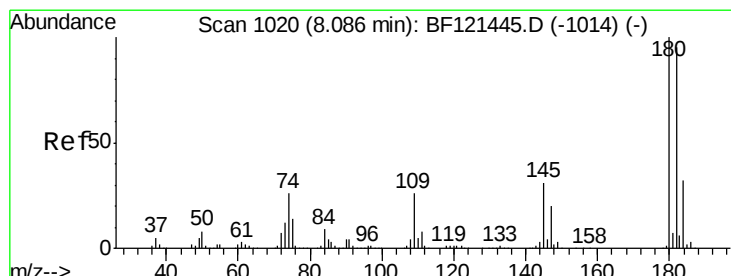
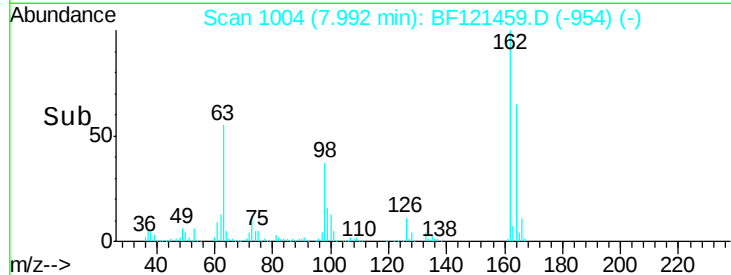
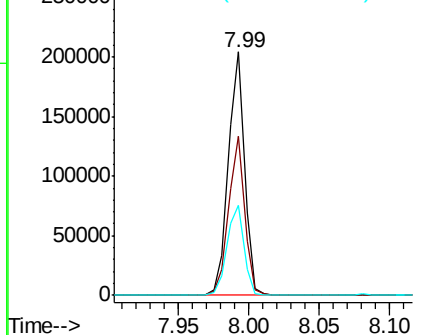


Abundance

Ion 162.00 (161.70 to 162.70): E

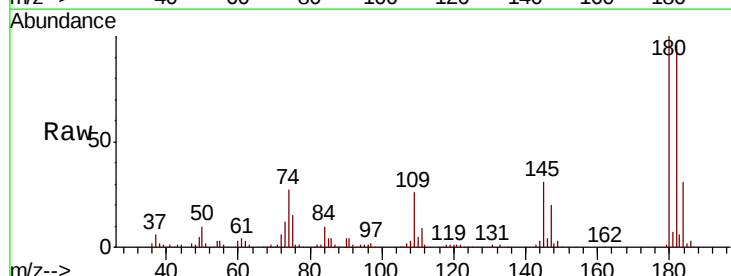
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30  
1,2,4-Trichlorobenzene  
Concen: 9.212 ng  
RT: 8.08 min Scan# 1019  
Delta R.T. -0.01 min  
Lab File: BF121459.D  
Acq: 28 Aug 2020 14:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.5  | 76.2  | 114.4 |
| 145     | 30.7  | 25.2  | 37.8  |

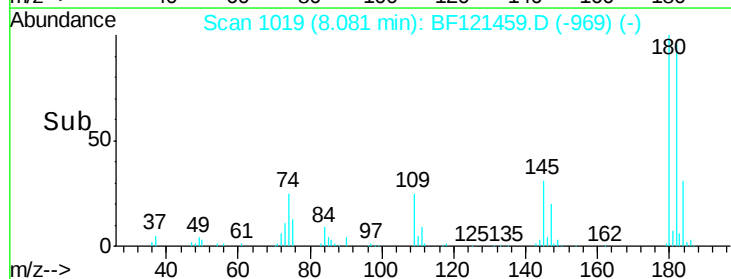
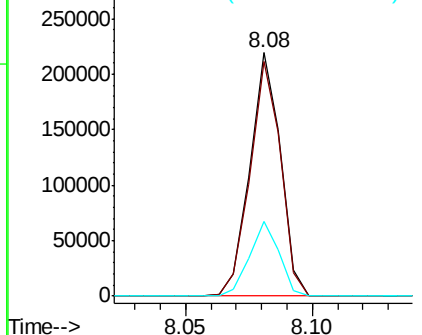


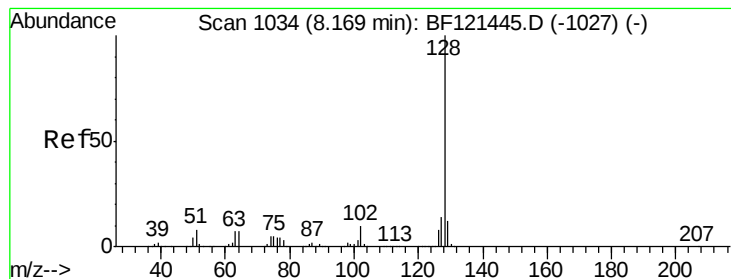
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 12.408 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA\_F

ClientSampleId :

SU-03-082720MS

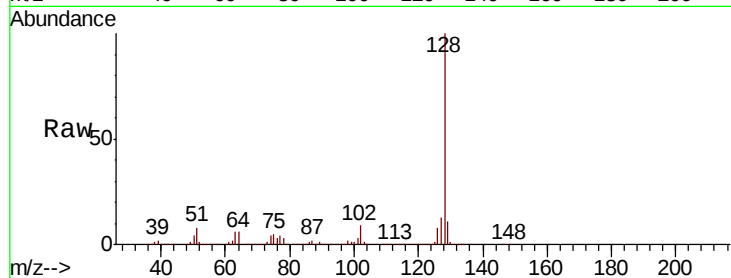
Tot Ion:128 Resp: 746143

Ion Ratio Lower Upper

128 100

129 11.5 9.6 14.4

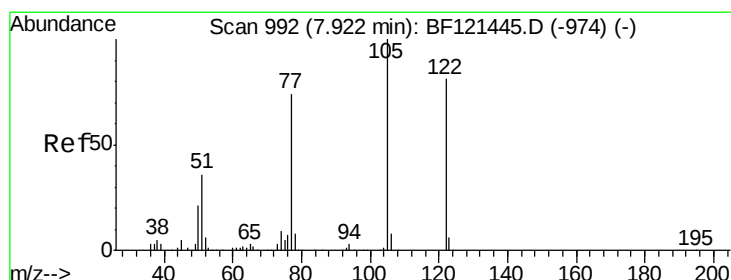
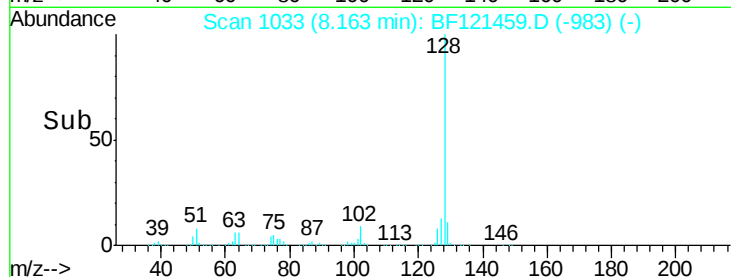
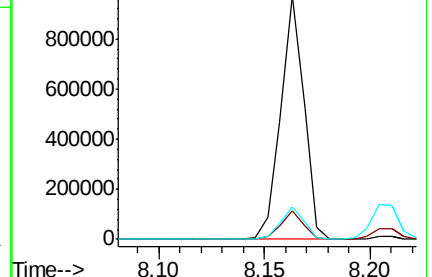
127 13.3 11.4 17.2



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: 15.775 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.06 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

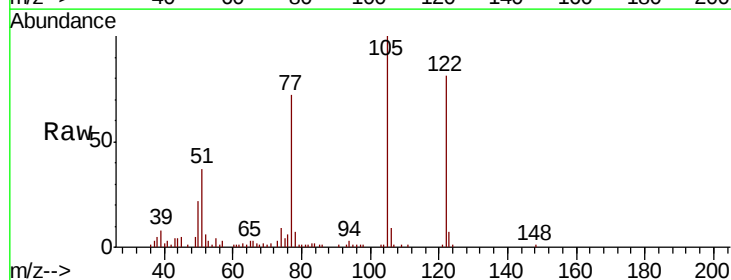
Tgt Ion:122 Resp: 80691

Ion Ratio Lower Upper

122 100

105 123.7 100.8 140.8

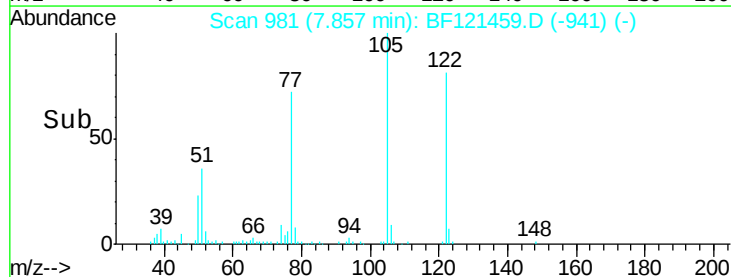
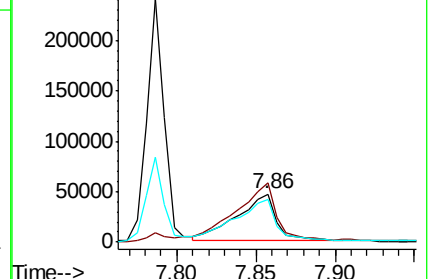
77 89.1 71.5 111.5

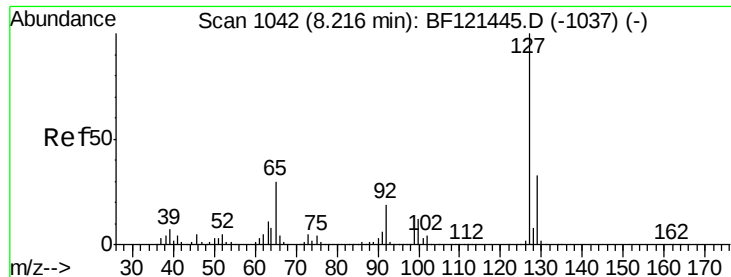


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

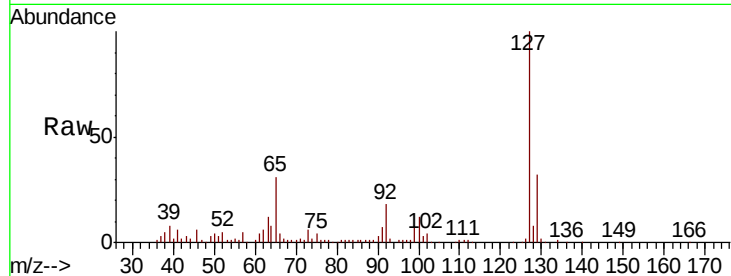




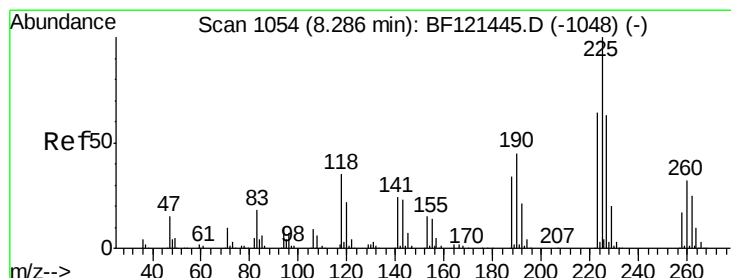
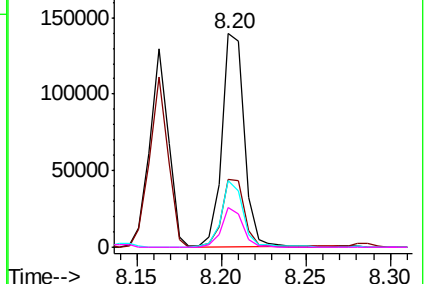
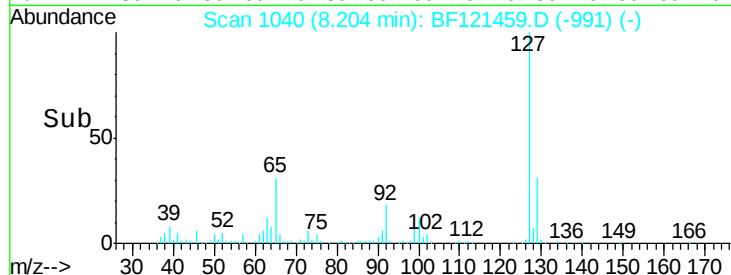
#33  
4-Chloroaniline  
Concen: 4.780 ng  
RT: 8.20 min Scan# 1040  
Delta R.T. -0.01 min  
Lab File: BF121459.D  
Acq: 28 Aug 2020 14:52

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-082720MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 128024 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.5  | 26.1  | 39.1   |
| 65       | 31.3  | 23.7  | 35.5   |
| 92       | 18.5  | 15.0  | 22.6   |

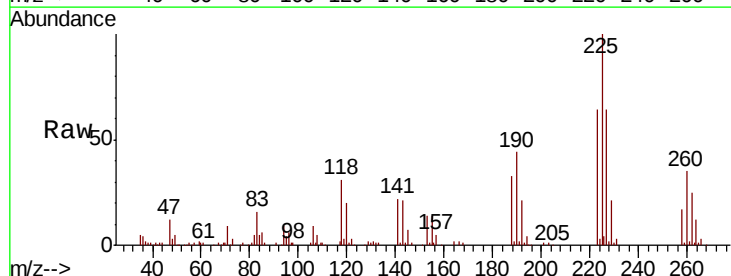


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

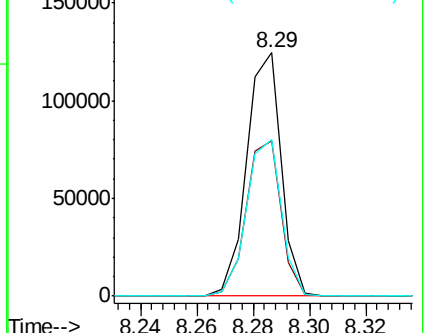
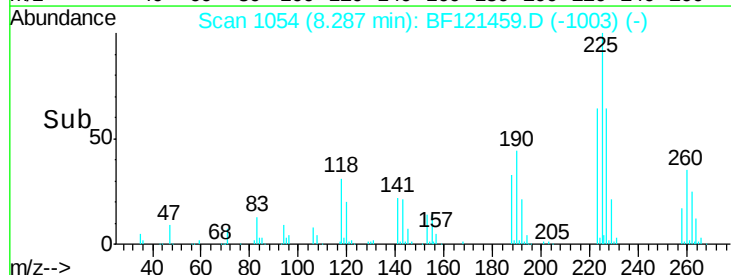


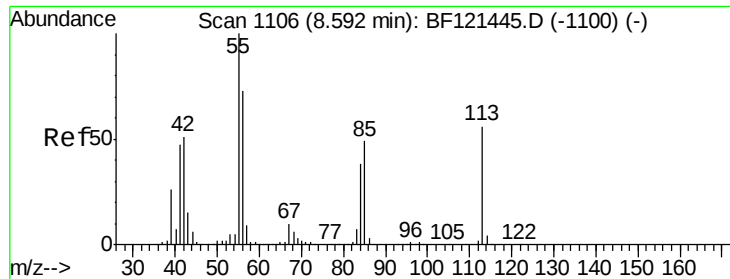
#34  
Hexachlorobutadiene  
Concen: 8.866 ng  
RT: 8.29 min Scan# 1054  
Delta R.T. 0.00 min  
Lab File: BF121459.D  
Acq: 28 Aug 2020 14:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 105401 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.0  | 51.0  | 76.4   |
| 227      | 64.4  | 50.0  | 75.0   |



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: 10.436 ng

RT: 8.55 min Scan# 1098

Delta R.T. -0.05 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA\_F

ClientSampleId :

SU-03-082720MS

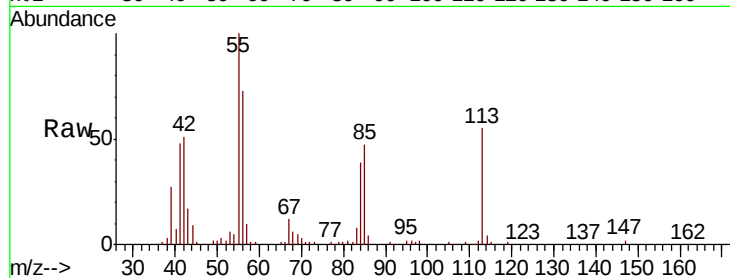
Tot Ion:113 Resp: 55547

Ion Ratio Lower Upper

113 100

55 181.9 159.9 199.9

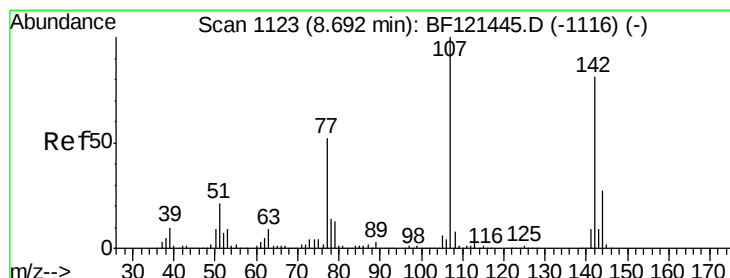
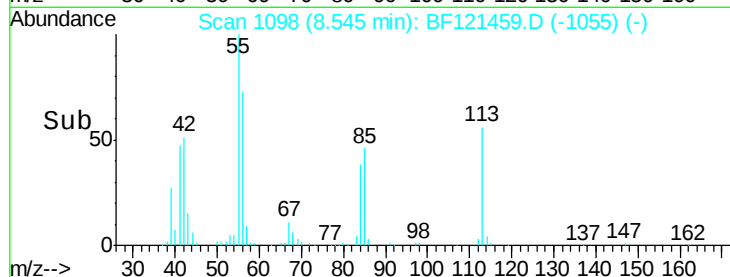
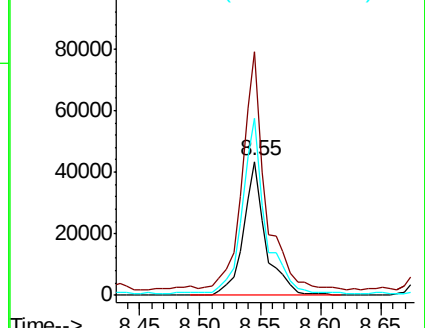
56 132.2 111.4 151.4



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: 10.219 ng

RT: 8.68 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

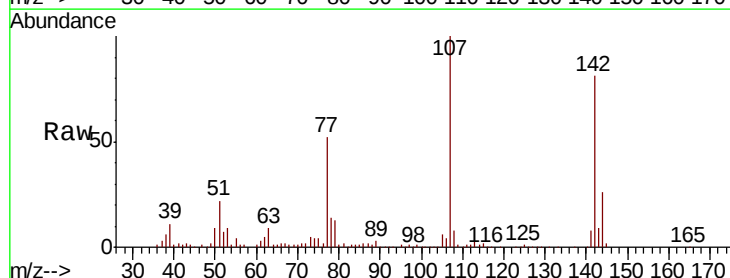
Tgt Ion:107 Resp: 175830

Ion Ratio Lower Upper

107 100

144 26.2 21.4 32.2

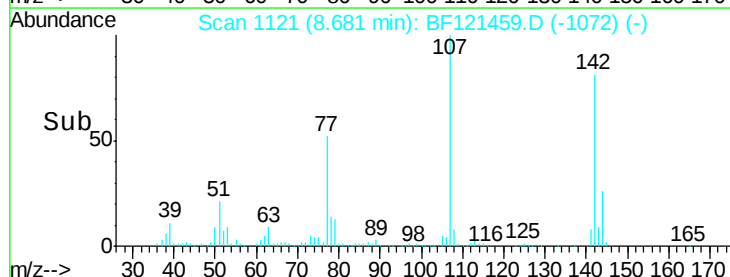
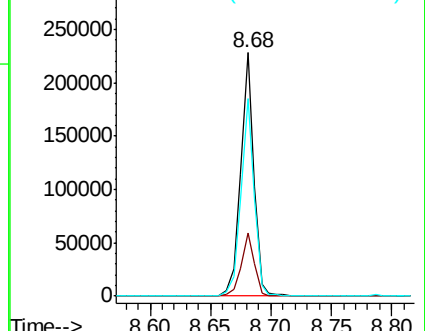
142 81.3 65.0 97.4

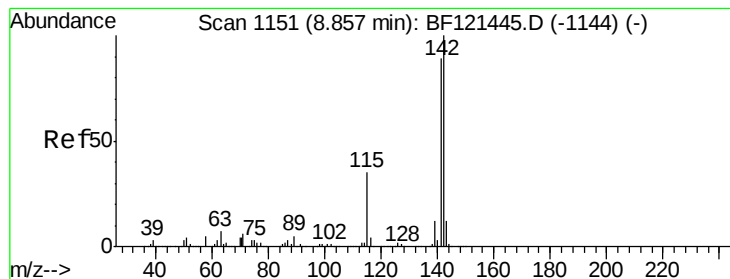


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 12.048 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA\_F

ClientSampleId :

SU-03-082720MS

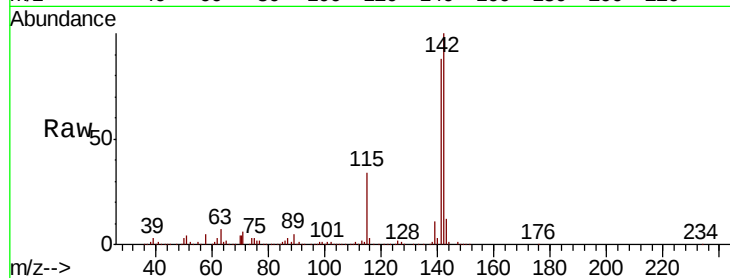
Tot Ion:142 Resp: 479977

Ion Ratio Lower Upper

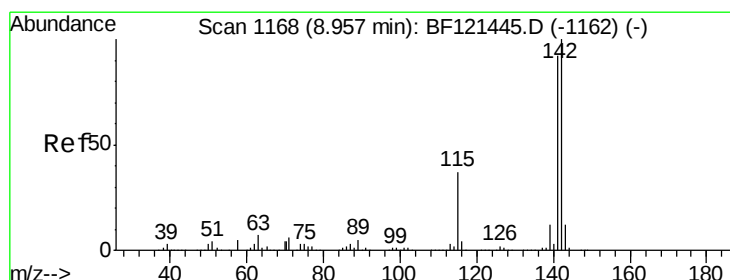
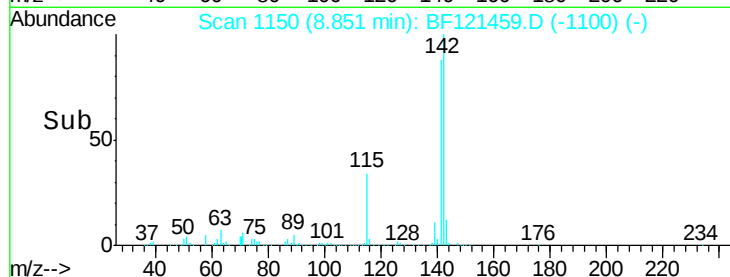
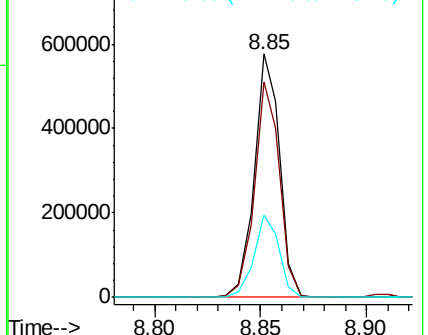
142 100

141 88.3 70.8 106.2

115 33.8 28.2 42.4



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



#38

1-Methylnaphthalene

Concen: 11.794 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

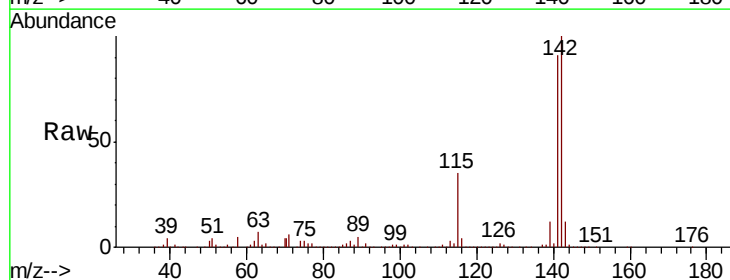
Tgt Ion:142 Resp: 443680

Ion Ratio Lower Upper

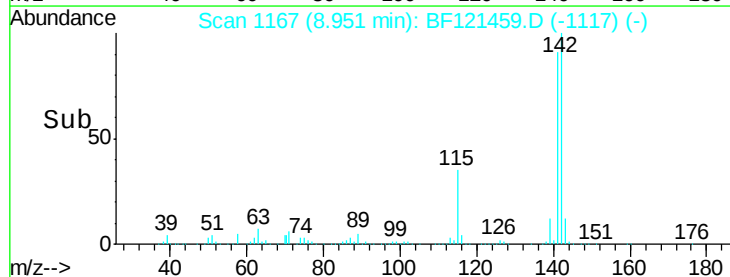
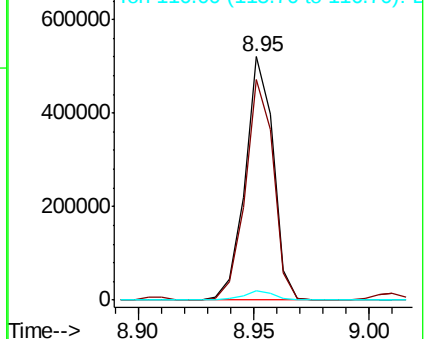
142 100

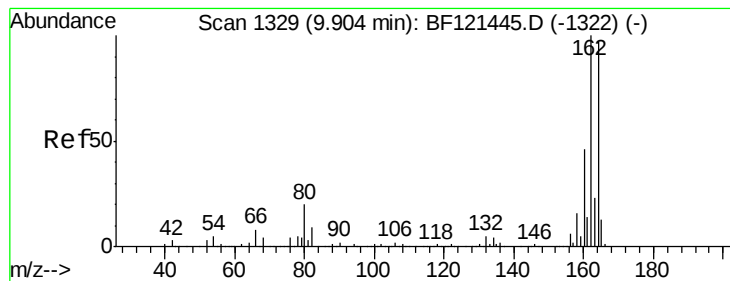
141 90.7 73.7 110.5

116 3.7 3.1 4.7



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: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA\_F

ClientSampleId :

SU-03-082720MS

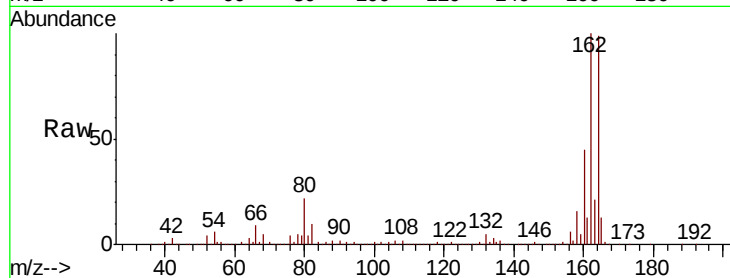
Tot Ion:164 Resp: 641504

Ion Ratio Lower Upper

164 100

162 100.7 82.4 123.6

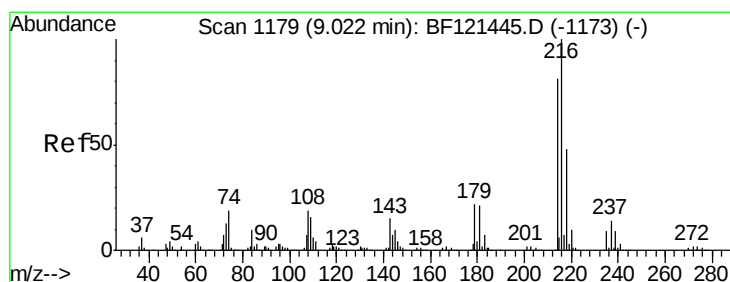
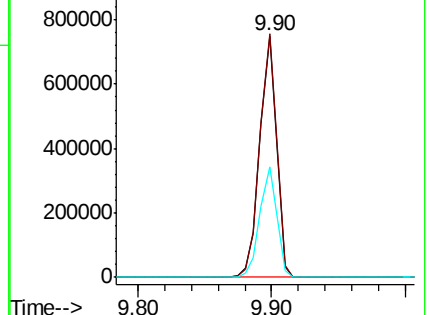
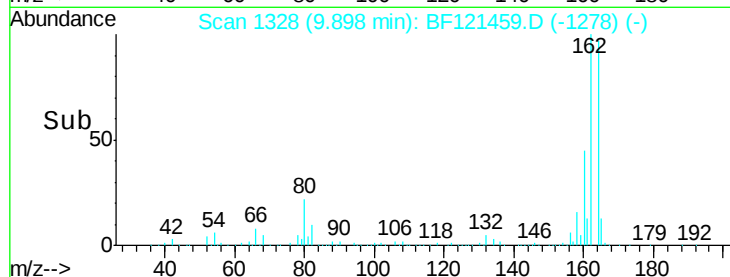
160 45.5 37.6 56.4



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: 9.971 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Tgt Ion:216 Resp: 189611

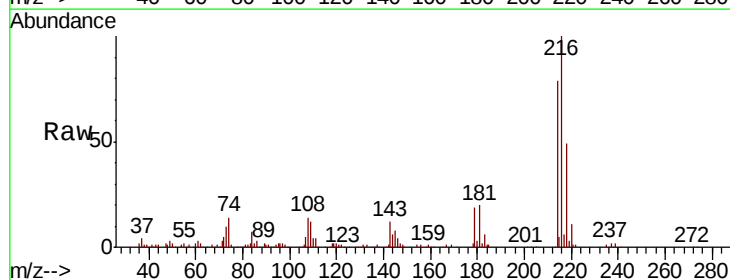
Ion Ratio Lower Upper

216 100

214 78.2 64.2 96.4

179 20.5 17.0 25.4

108 19.0 15.3 22.9

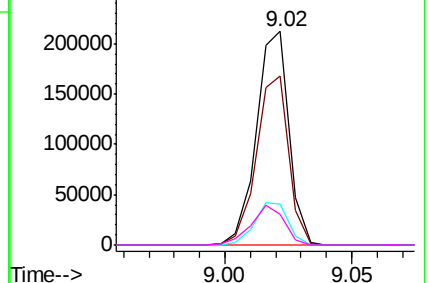
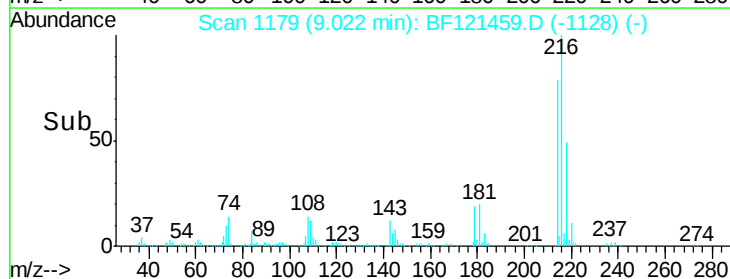


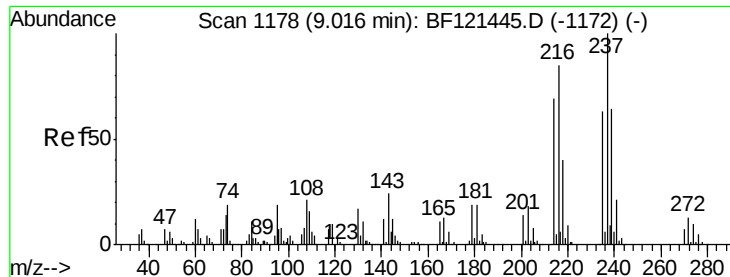
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 11.845 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA\_F

ClientSampleId :

SU-03-082720MS

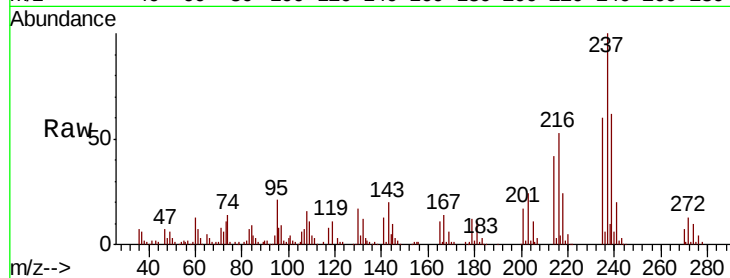
Tot Ion:237 Resp: 94724

Ion Ratio Lower Upper

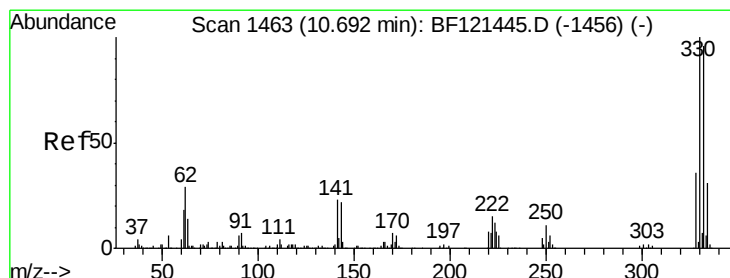
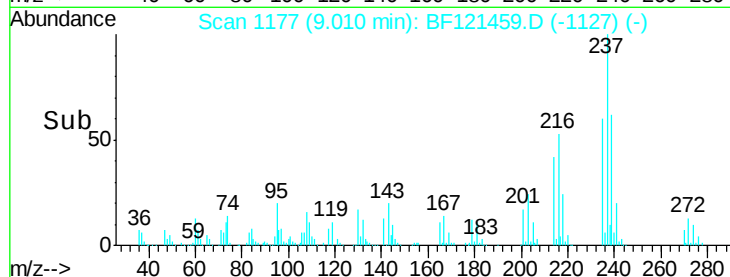
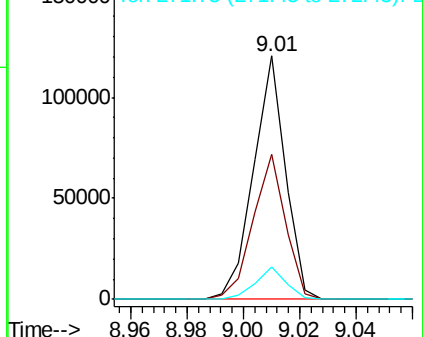
237 100

235 59.6 42.9 82.9

272 13.1 0.0 33.1



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: 17.425 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

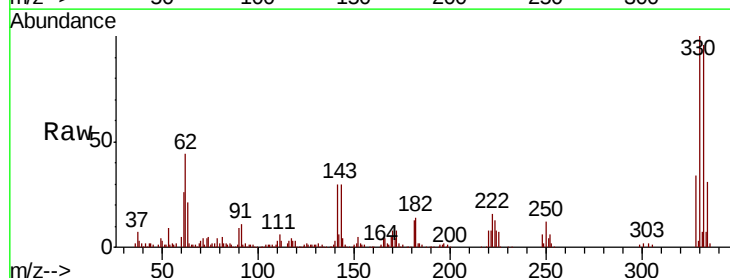
Tgt Ion:330 Resp: 112906

Ion Ratio Lower Upper

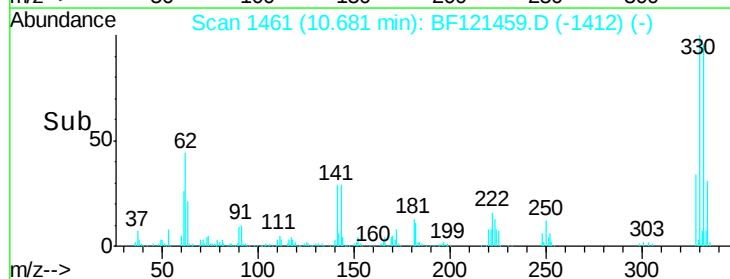
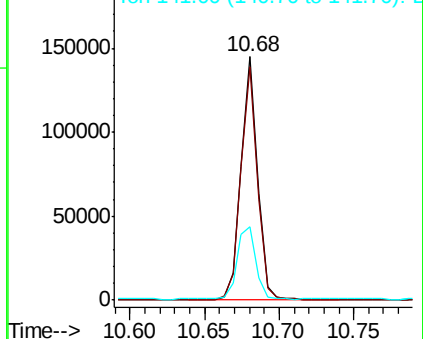
330 100

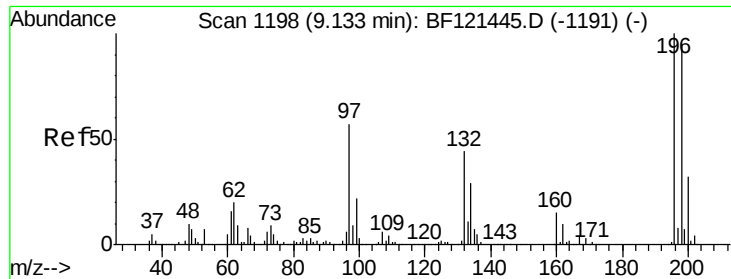
332 95.8 76.2 114.2

141 34.3 24.6 36.8



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

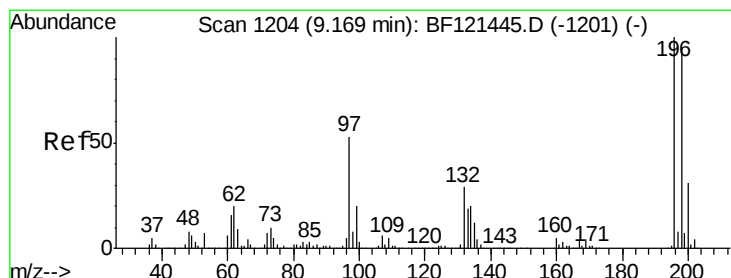
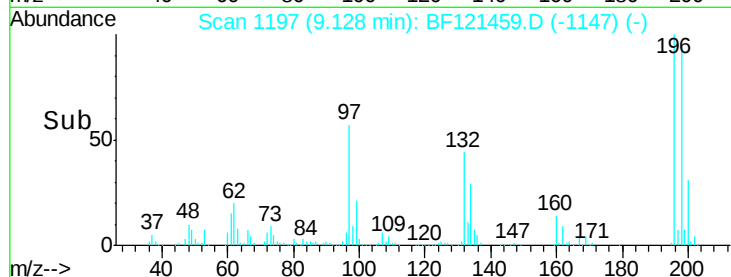
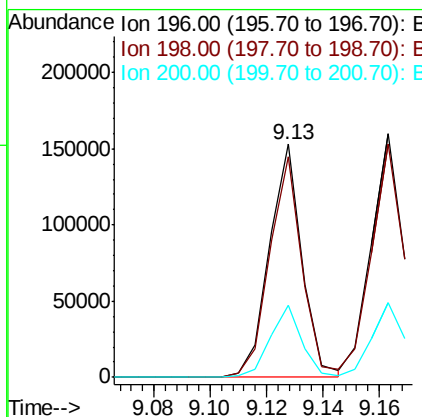
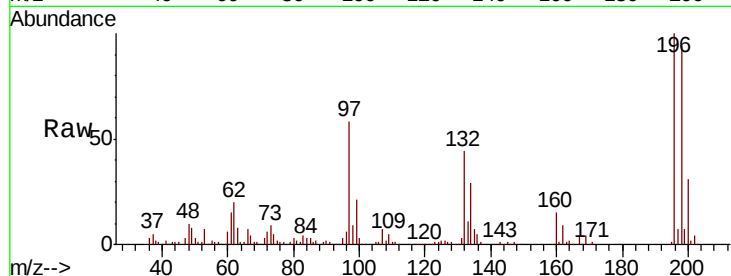




#43  
 2,4,6-Trichlorophenol  
 Concen: 10.182 ng  
 RT: 9.13 min Scan# 1197  
 Delta R.T. -0.01 min  
 Lab File: BF121459.D  
 Acq: 28 Aug 2020 14:52

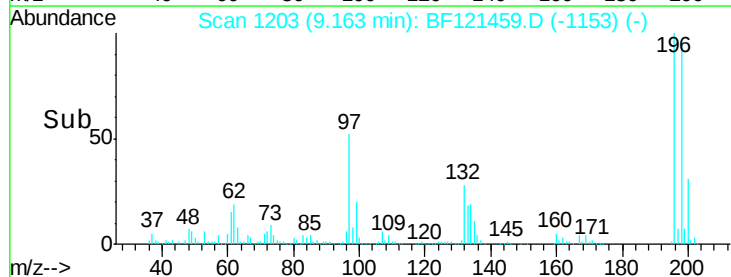
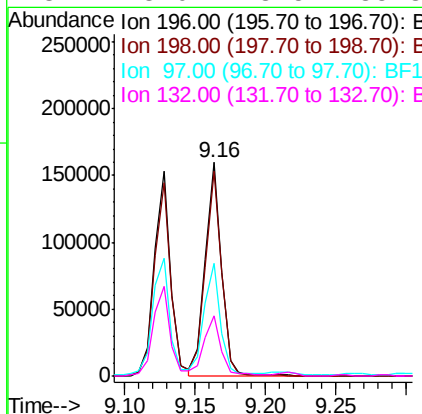
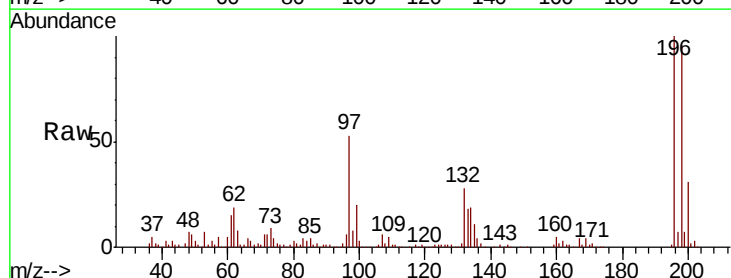
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SU-03-082720MS

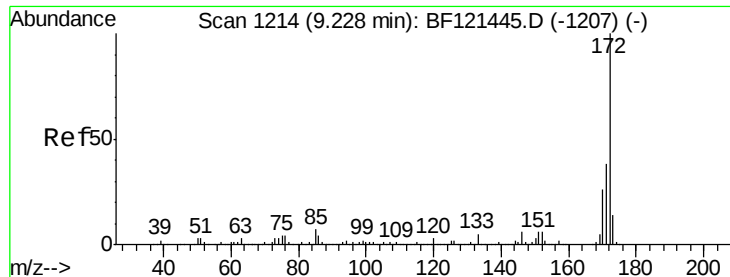
|             |       |            |
|-------------|-------|------------|
| Tot Ion:196 | Resp: | 122378     |
| Ion Ratio   | Lower | Upper      |
| 196         | 100   |            |
| 198         | 94.4  | 75.8 113.6 |
| 200         | 30.9  | 25.3 37.9  |



#44  
 2,4,5-Trichlorophenol  
 Concen: 10.859 ng  
 RT: 9.16 min Scan# 1203  
 Delta R.T. -0.01 min  
 Lab File: BF121459.D  
 Acq: 28 Aug 2020 14:52

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:196 | Resp: | 129062     |
| Ion Ratio   | Lower | Upper      |
| 196         | 100   |            |
| 198         | 95.7  | 76.2 114.2 |
| 97          | 52.9  | 42.6 64.0  |
| 132         | 28.0  | 23.5 35.3  |





#45

2-Fluorobiphenyl

Concen: 12.915 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA\_F

ClientSampleId :

SU-03-082720MS

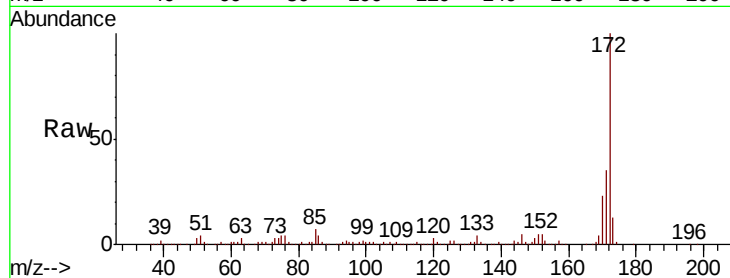
Tot Ion:172 Resp: 513488

Ion Ratio Lower Upper

172 100

171 34.8 30.6 45.8

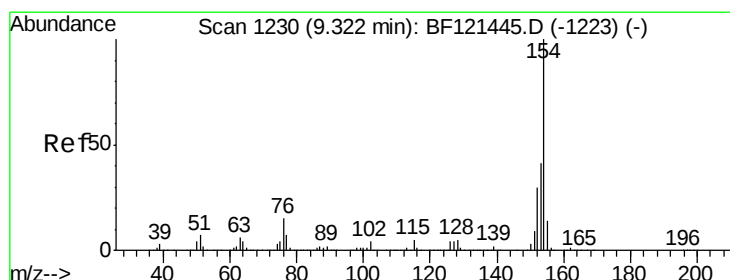
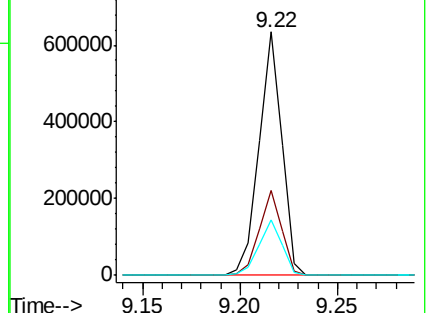
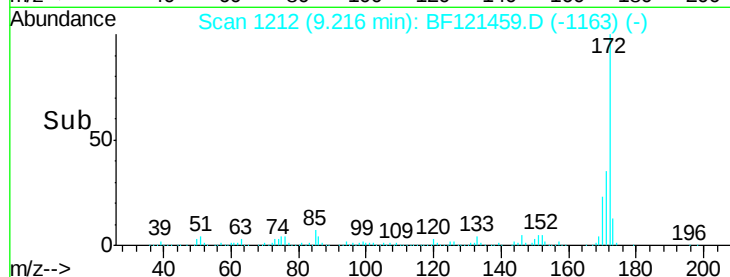
170 22.9 20.6 31.0



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 10.706 ng

RT: 9.32 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

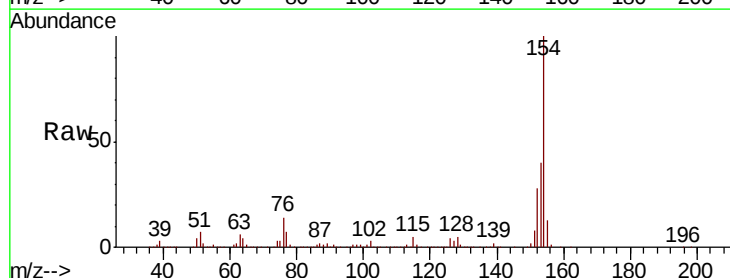
Tgt Ion:154 Resp: 518242

Ion Ratio Lower Upper

154 100

153 40.0 21.2 61.2

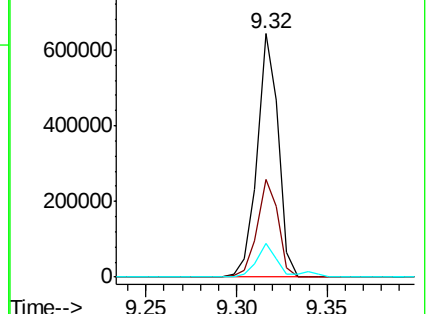
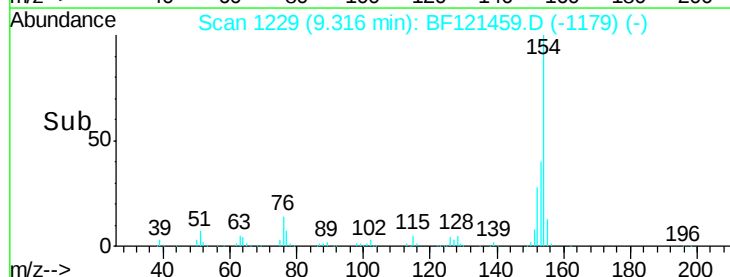
76 14.0 0.0 35.2

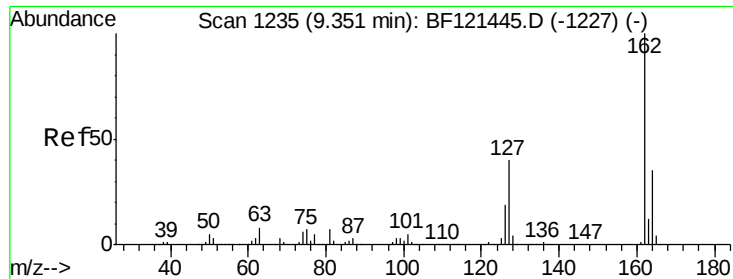


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

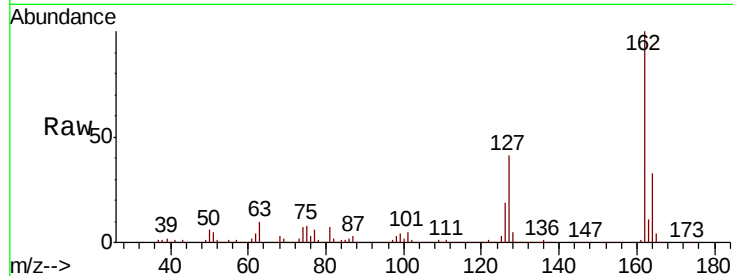




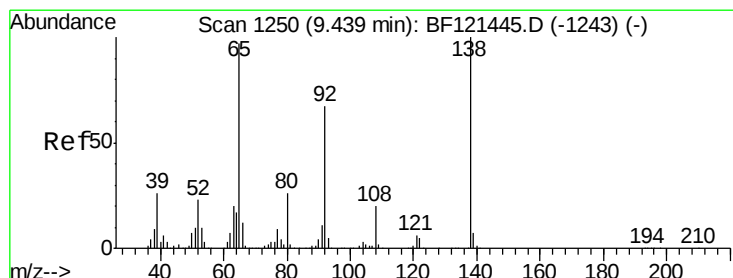
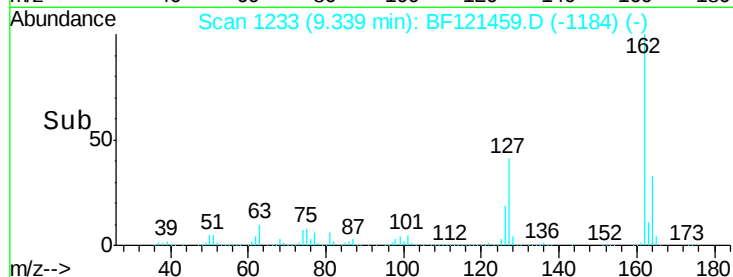
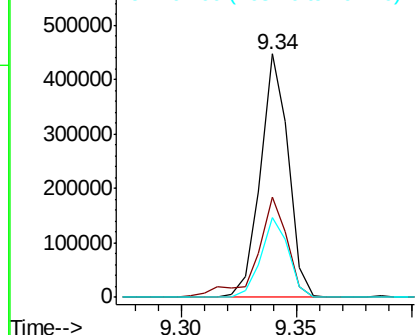
#47  
2-Chloronaphthalene  
Concen: 9.456 ng  
RT: 9.34 min Scan# 1233  
Delta R.T. -0.01 min  
Lab File: BF121459.D  
Acq: 28 Aug 2020 14:52

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-082720MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 41.1  | 32.6  | 48.8  |
| 164     | 32.7  | 27.8  | 41.6  |

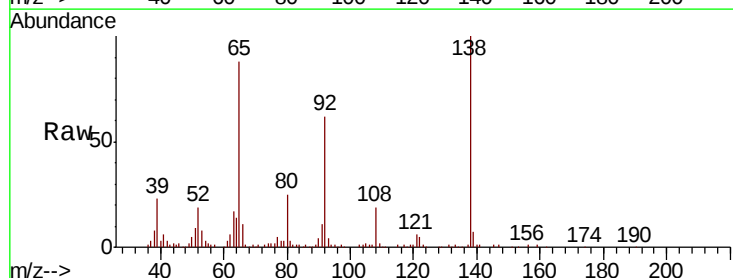


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

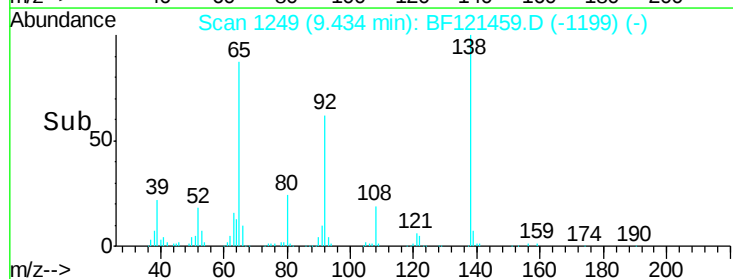
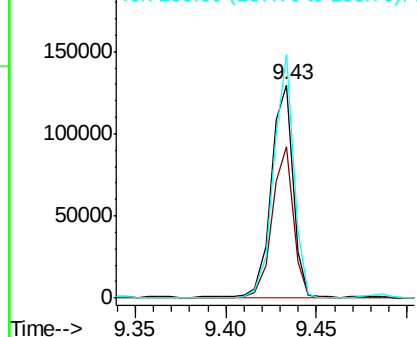


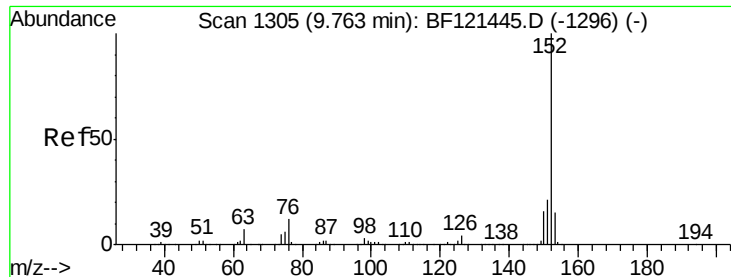
#48  
2-Nitroaniline  
Concen: 15.047 ng  
RT: 9.43 min Scan# 1249  
Delta R.T. -0.01 min  
Lab File: BF121459.D  
Acq: 28 Aug 2020 14:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 70.8  | 55.6  | 83.4  |
| 138     | 114.1 | 82.9  | 124.3 |



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: 10.886 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA\_F

ClientSampleId :

SU-03-082720MS

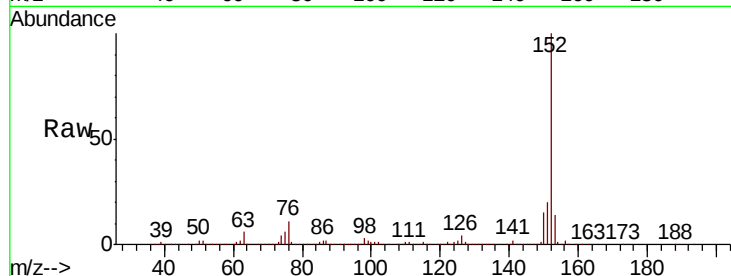
Tot Ion:152 Resp: 649676

Ion Ratio Lower Upper

152 100

151 20.1 17.2 25.8

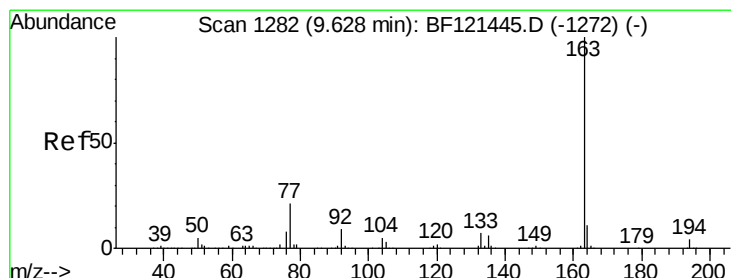
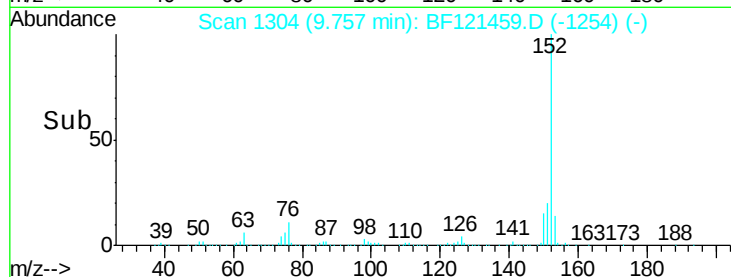
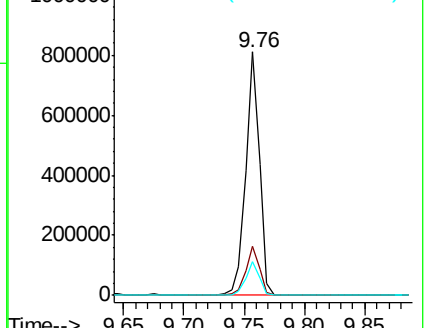
153 13.7 11.6 17.4



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: 11.094 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

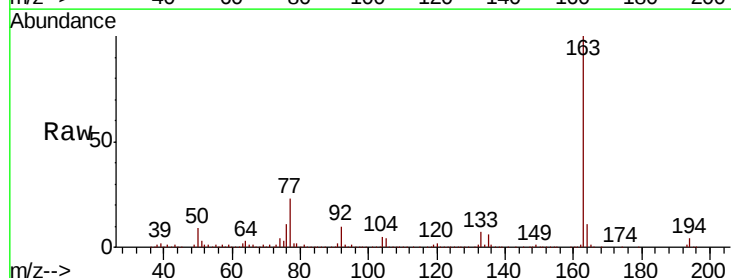
Tgt Ion:163 Resp: 488857

Ion Ratio Lower Upper

163 100

194 3.7 3.3 4.9

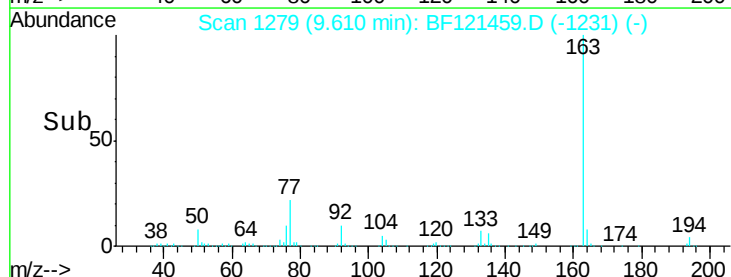
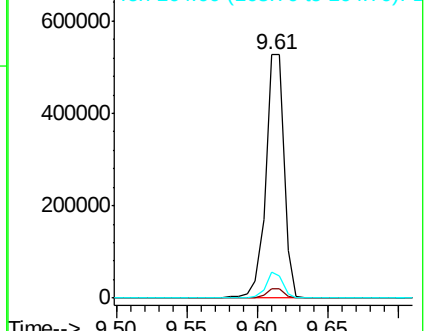
164 10.6 8.6 12.8

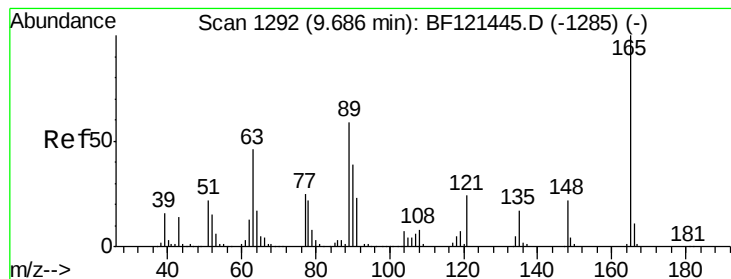


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 15.475 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA\_F

ClientSampleId :

SU-03-082720MS

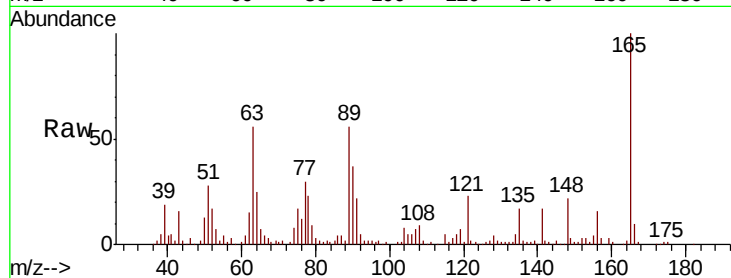
Tot Ion:165 Resp: 86342

Ion Ratio Lower Upper

165 100

63 55.9 43.6 65.4

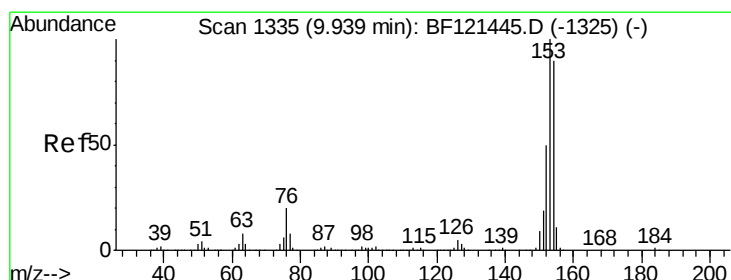
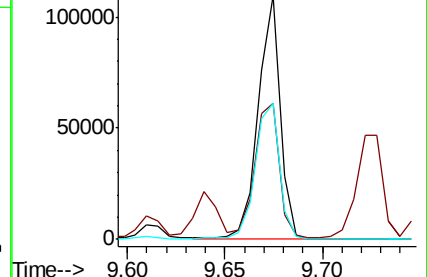
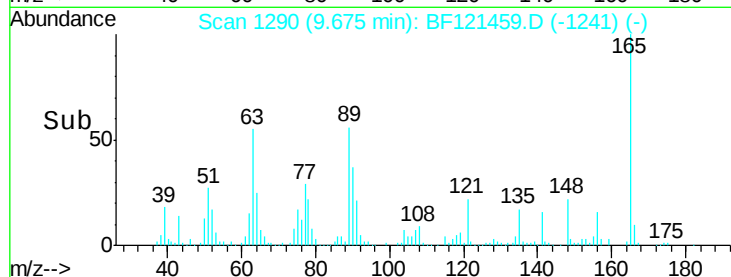
89 56.0 47.4 71.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 11.367 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

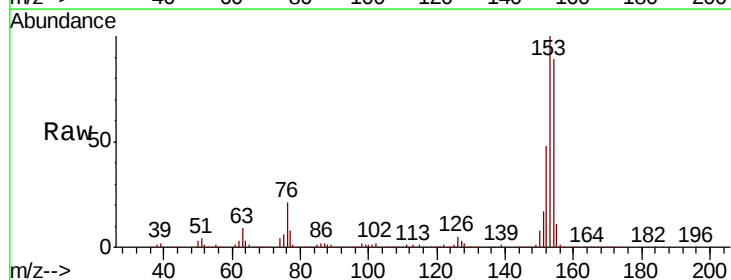
Tgt Ion:154 Resp: 428380

Ion Ratio Lower Upper

154 100

153 111.8 88.9 133.3

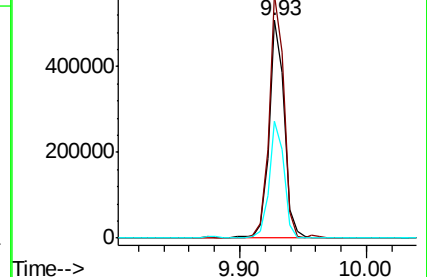
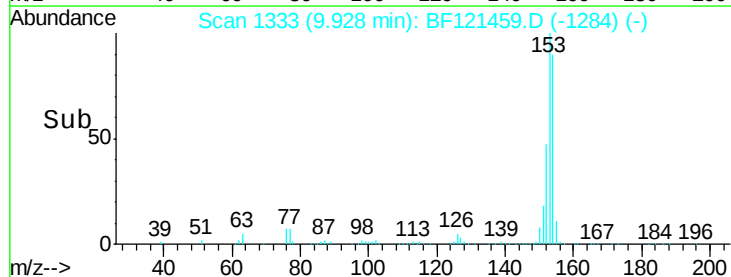
152 53.6 44.1 66.1

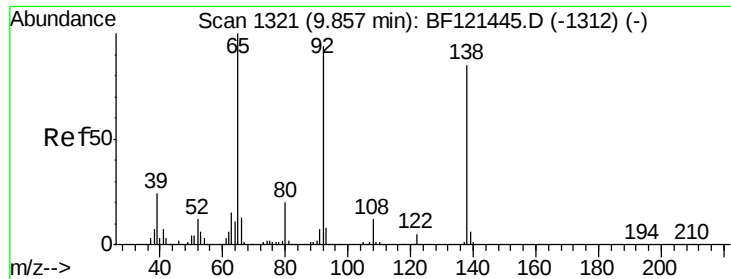


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

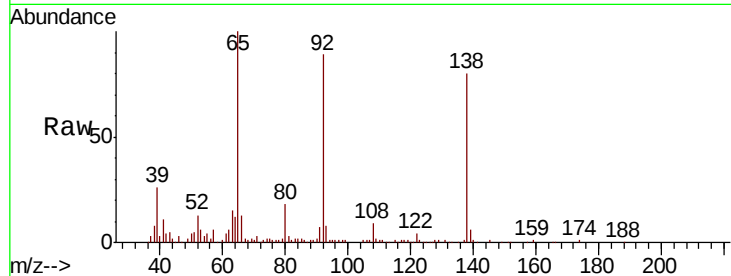




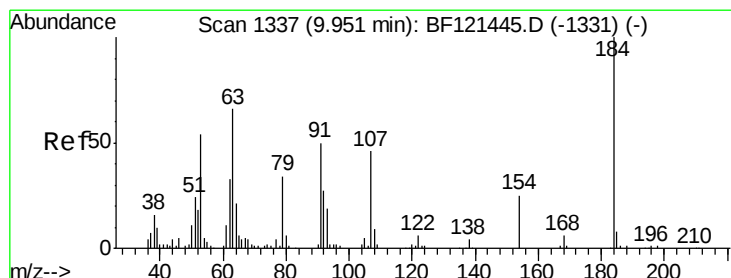
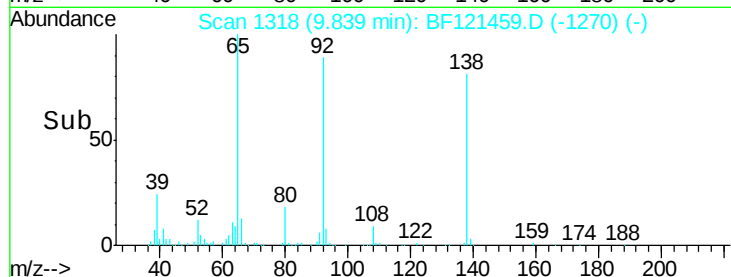
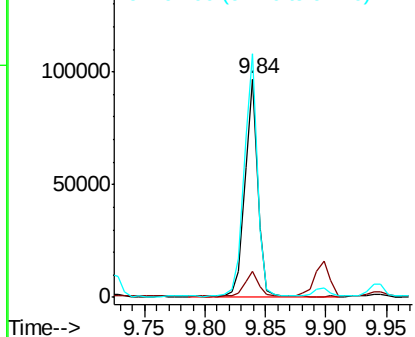
#53  
3-Nitroaniline  
Concen: 11.699 ng  
RT: 9.84 min Scan# 1318  
Delta R.T. -0.02 min  
Lab File: BF121459.D  
Acq: 28 Aug 2020 14:52

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-082720MS

Tot Ion:138 Resp: 74161  
Ion Ratio Lower Upper  
138 100  
108 11.8 11.6 17.4  
92 111.7 88.6 132.8

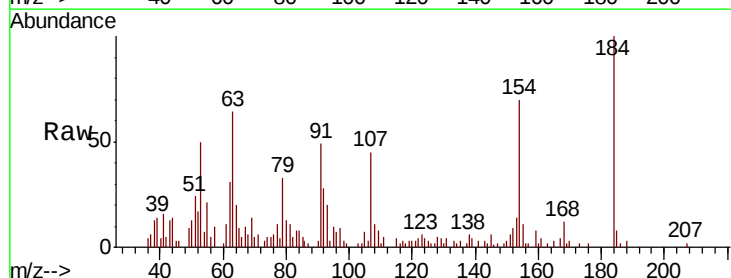


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

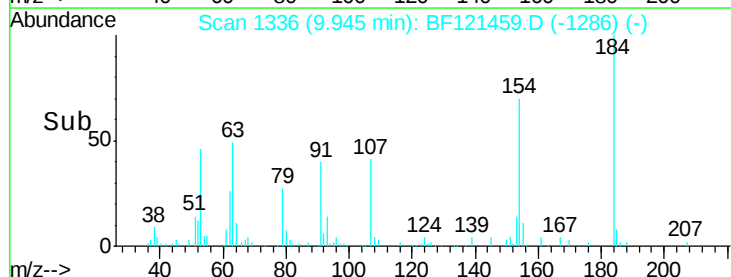
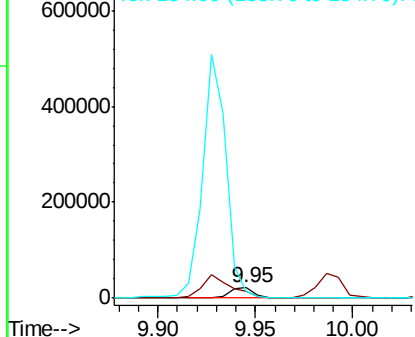


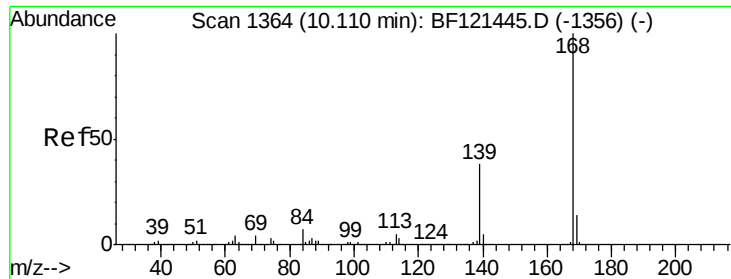
#54  
2,4-Dinitrophenol  
Concen: 16.427 ng  
RT: 9.95 min Scan# 1336  
Delta R.T. -0.01 min  
Lab File: BF121459.D  
Acq: 28 Aug 2020 14:52

Tgt Ion:184 Resp: 18758  
Ion Ratio Lower Upper  
184 100  
63 64.1 56.8 85.2  
154 70.1 55.9 83.9



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 154.00 (153.70 to 154.70): E

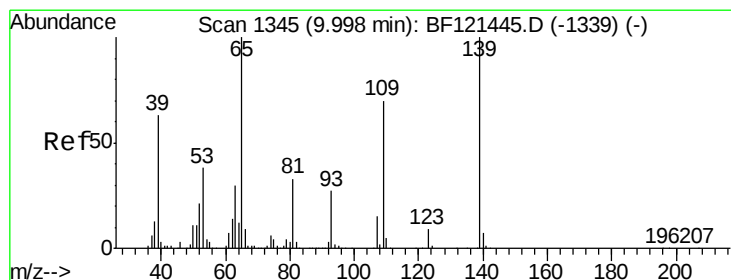
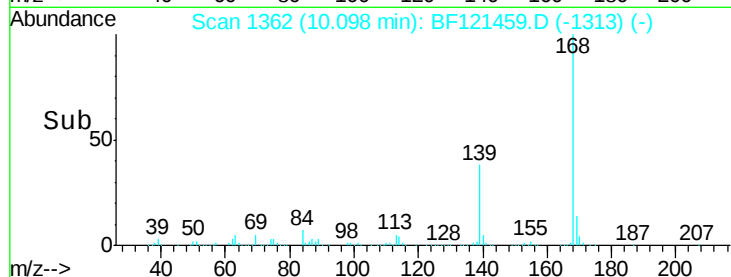
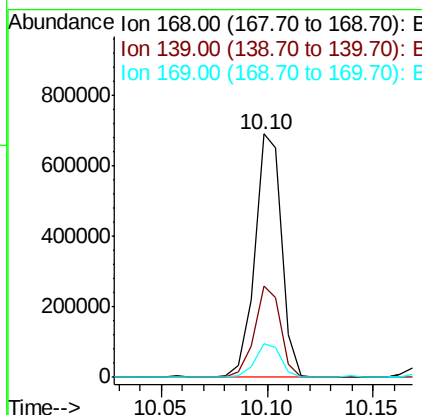
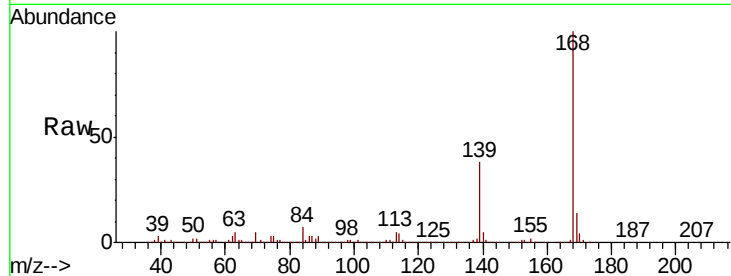




#55  
Dibenzofuran  
Concen: 11.191 ng  
RT: 10.10 min Scan# 1362  
Delta R.T. -0.01 min  
Lab File: BF121459.D  
Acq: 28 Aug 2020 14:52

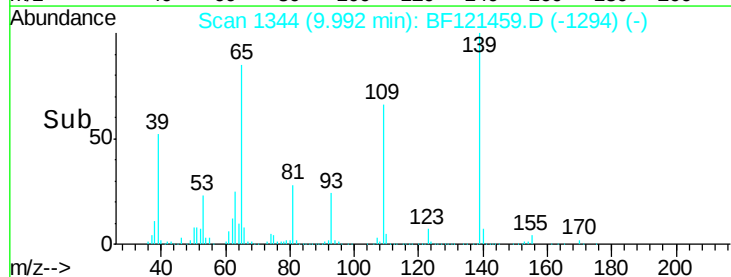
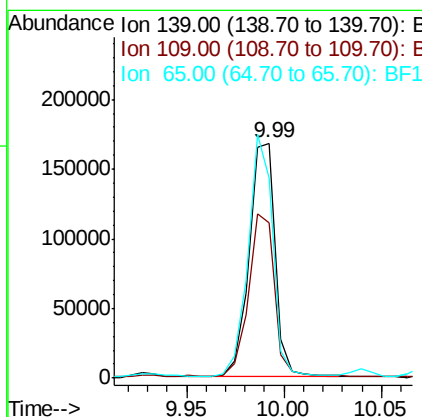
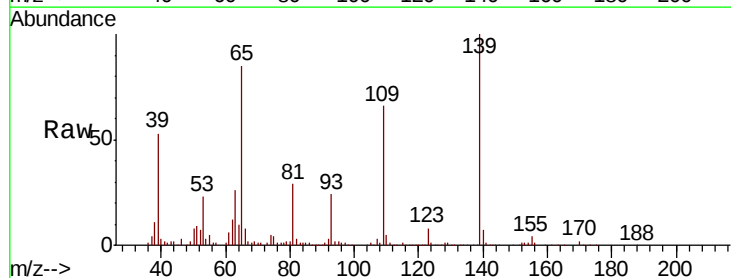
Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-082720MS

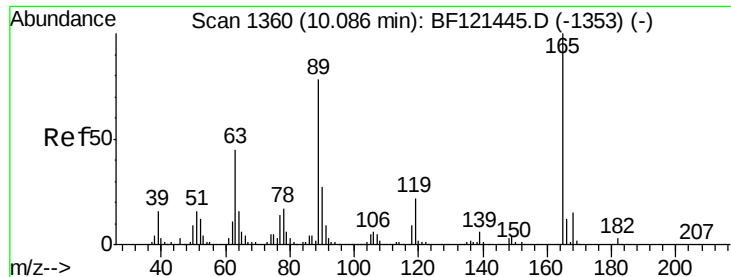
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 37.7  | 30.1  | 45.1  |
| 169     | 13.9  | 11.2  | 16.8  |



#56  
4-Nitrophenol  
Concen: 24.339 ng  
RT: 9.99 min Scan# 1344  
Delta R.T. -0.01 min  
Lab File: BF121459.D  
Acq: 28 Aug 2020 14:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 66.4  | 50.5  | 90.5  |
| 65      | 85.2  | 80.2  | 120.2 |

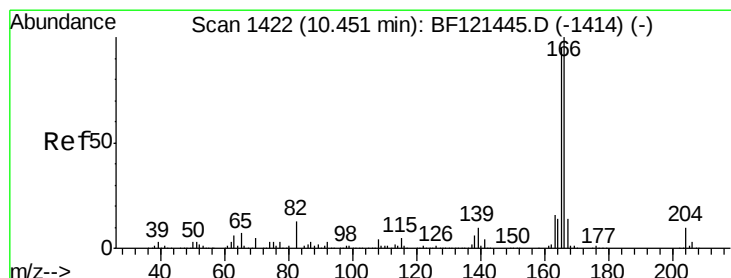
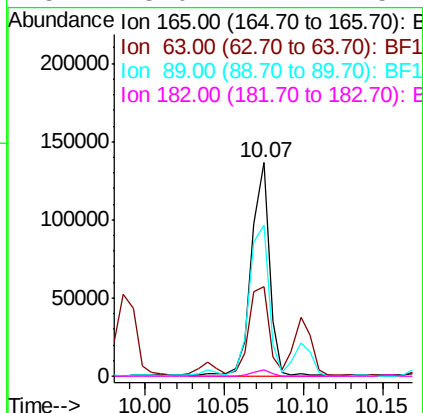
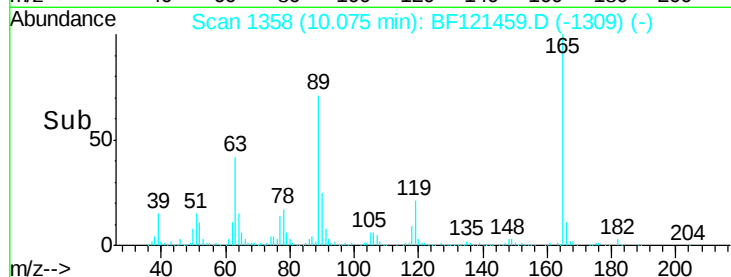
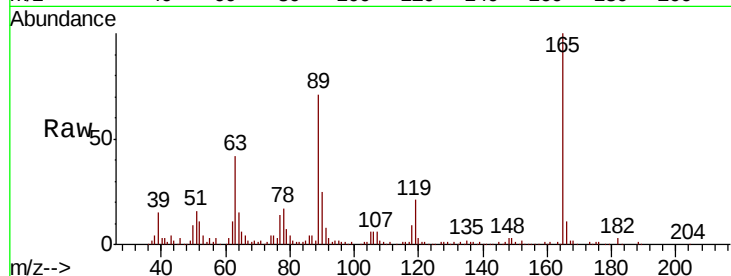




#57  
2,4-Dinitrotoluene  
Concen: 16.160 ng  
RT: 10.07 min Scan# 1358  
Delta R.T. -0.01 min  
Lab File: BF121459.D  
Acq: 28 Aug 2020 14:52

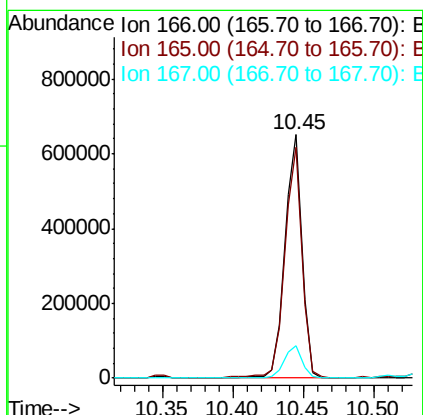
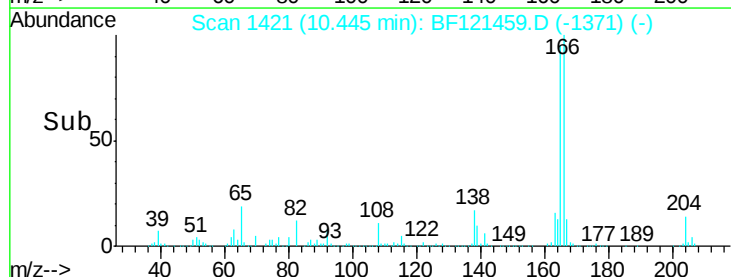
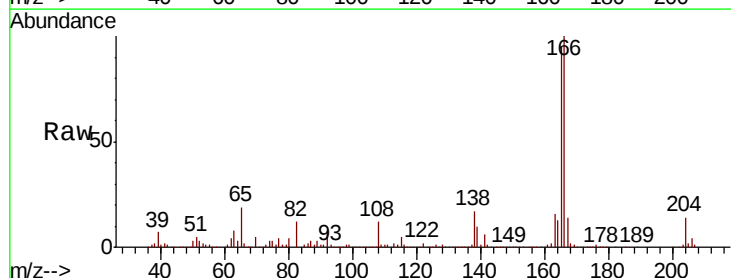
Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-082720MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 41.8  | 36.0  | 54.0  |
| 89      | 71.0  | 62.6  | 93.8  |
| 182     | 3.0   | 2.2   | 3.2   |



#58  
Fluorene  
Concen: 13.214 ng  
RT: 10.45 min Scan# 1421  
Delta R.T. -0.01 min  
Lab File: BF121459.D  
Acq: 28 Aug 2020 14:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 94.7  | 75.7  | 113.5 |
| 167     | 13.5  | 11.1  | 16.7  |

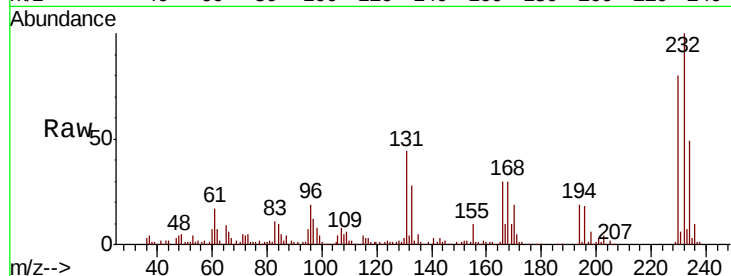




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 10.820 ng  
 RT: 10.22 min Scan# 1382  
 Delta R.T. -0.01 min  
 Lab File: BF121459.D  
 Acq: 28 Aug 2020 14:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SU-03-082720MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 46.4  | 35.7  | 53.5  |
| 130     | 3.5   | 1.8   | 2.6   |
| 166     | 31.3  | 24.1  | 36.1  |



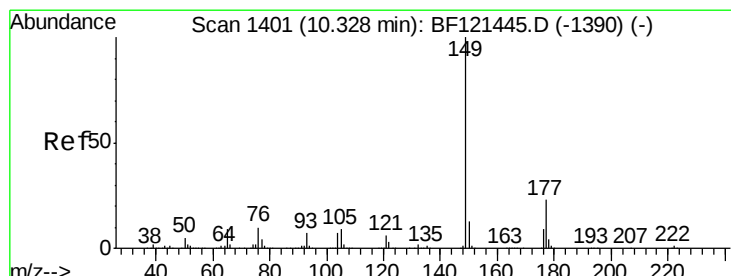
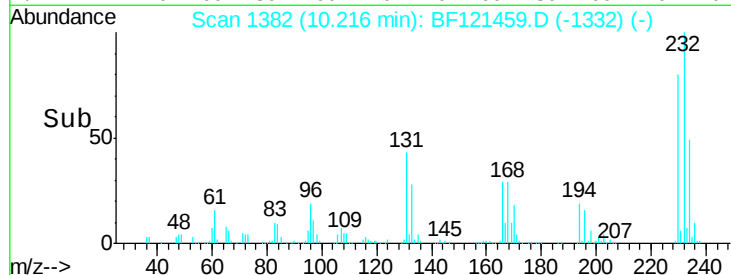
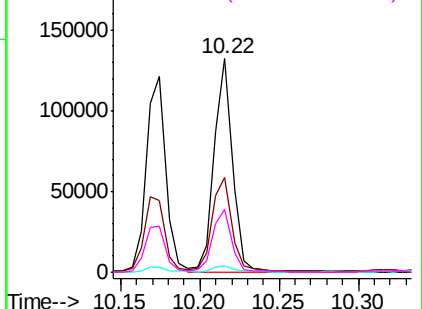
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

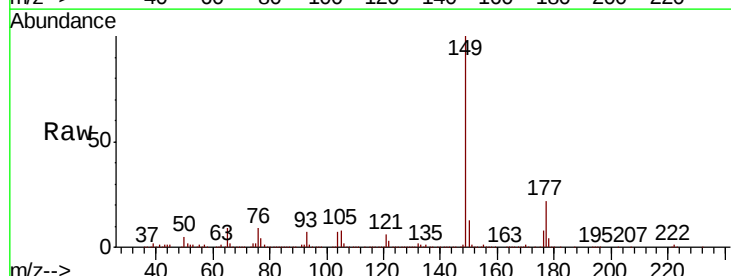
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
 Diethylphthalate  
 Concen: 10.293 ng  
 RT: 10.32 min Scan# 1399  
 Delta R.T. -0.01 min  
 Lab File: BF121459.D  
 Acq: 28 Aug 2020 14:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.7  | 18.3  | 27.5  |
| 150     | 12.6  | 10.4  | 15.6  |

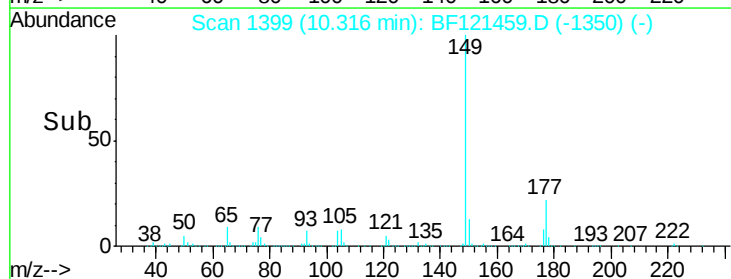
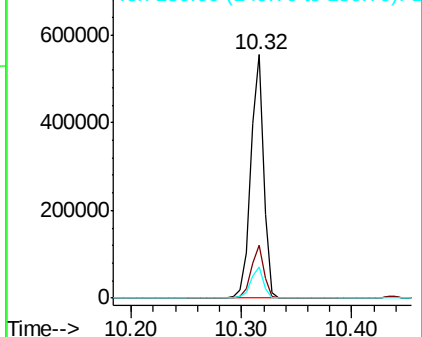


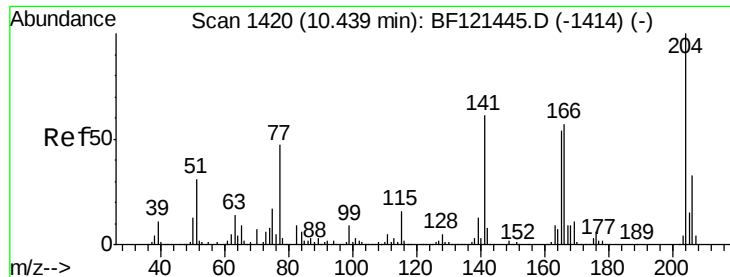
Abundance

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

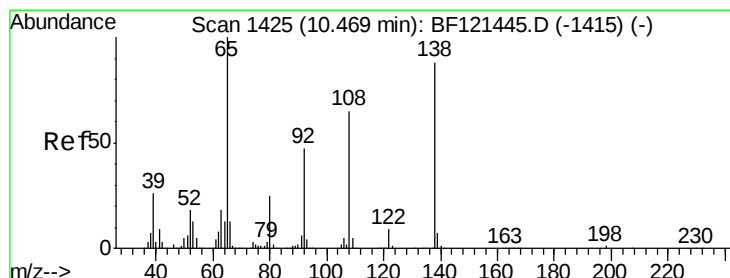
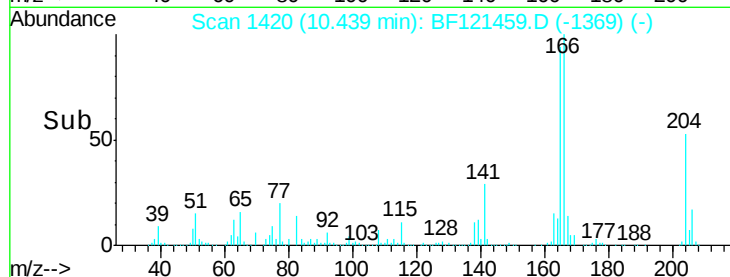
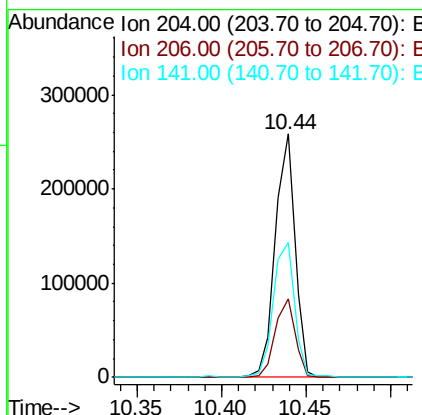
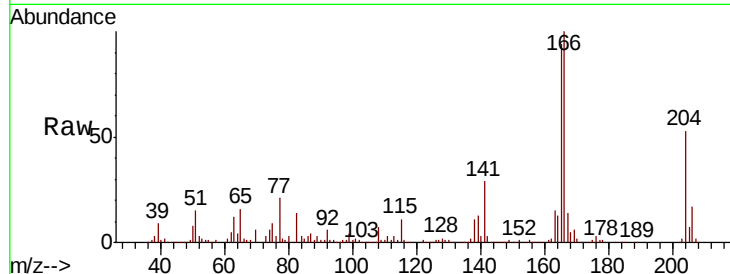




#61  
4-Chlorophenyl-phenylether  
Concen: 10.199 ng  
RT: 10.44 min Scan# 1420  
Delta R.T. 0.00 min  
Lab File: BF121459.D  
Acq: 28 Aug 2020 14:52

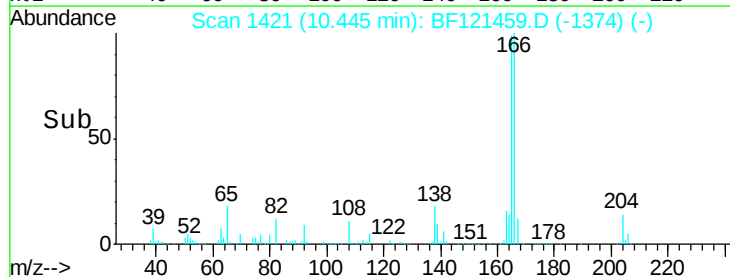
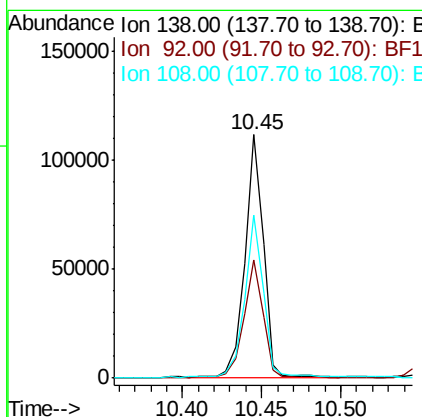
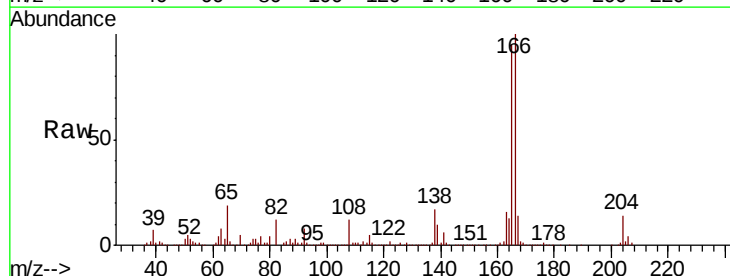
Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-082720MS

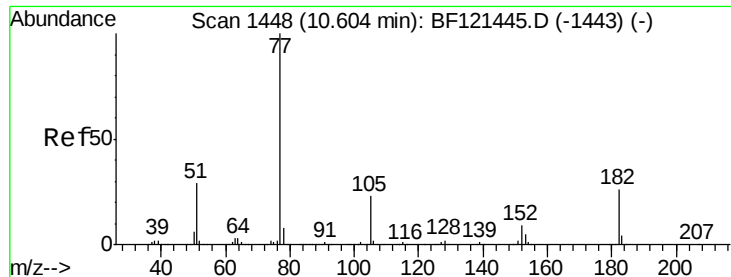
Tot Ion:204 Resp: 210875  
Ion Ratio Lower Upper  
204 100  
206 32.4 26.3 39.5  
141 55.6 48.7 73.1



#62  
4-Nitroaniline  
Concen: 11.939 ng  
RT: 10.45 min Scan# 1421  
Delta R.T. -0.02 min  
Lab File: BF121459.D  
Acq: 28 Aug 2020 14:52

Tgt Ion:138 Resp: 88044  
Ion Ratio Lower Upper  
138 100  
92 48.3 33.2 73.2  
108 67.0 53.6 93.6

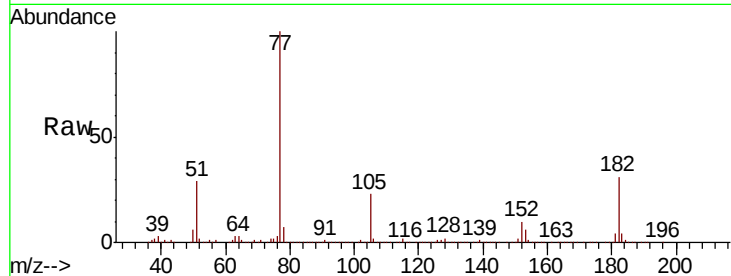




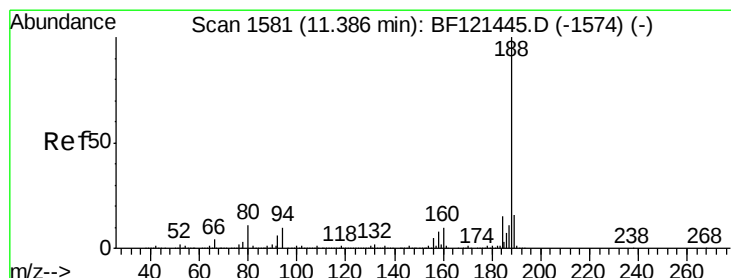
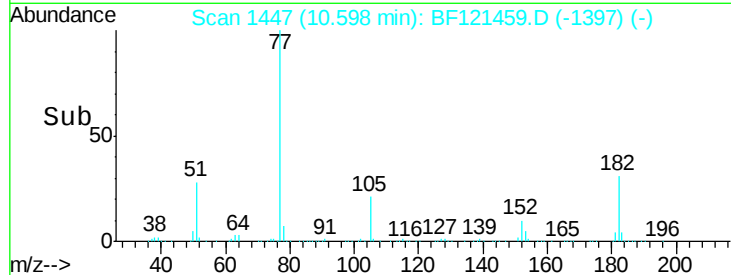
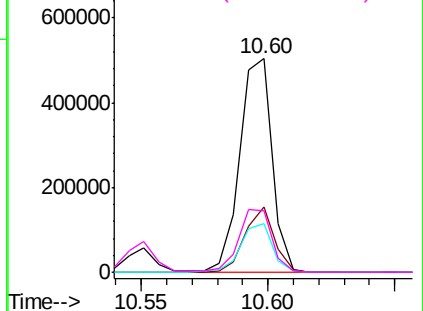
#63  
Azobenzene  
Concen: 10.139 ng  
RT: 10.60 min Scan# 1447  
Delta R.T. -0.01 min  
Lab File: BF121459.D  
Acq: 28 Aug 2020 14:52

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-082720MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 443871 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 30.8  | 6.2   | 46.2   |
| 105      | 22.7  | 3.3   | 43.3   |
| 51       | 28.7  | 9.5   | 49.5   |

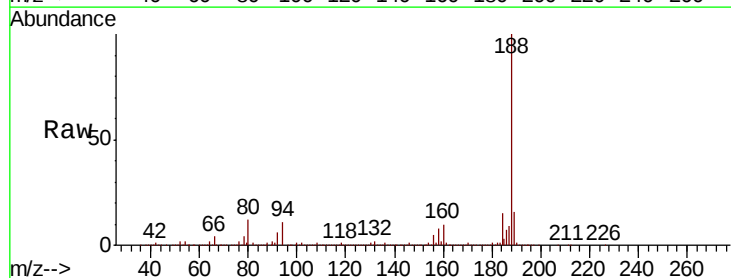


Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF1

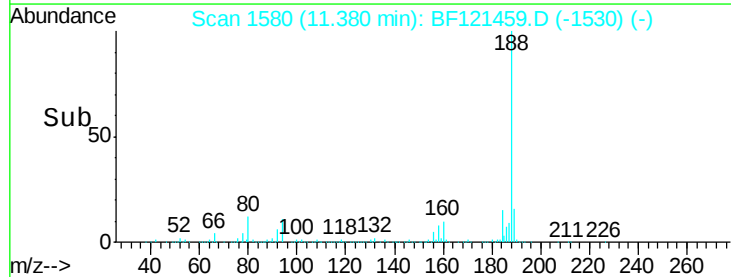
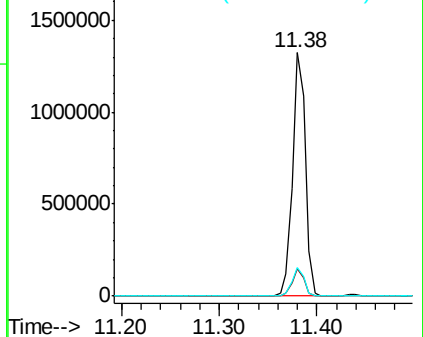


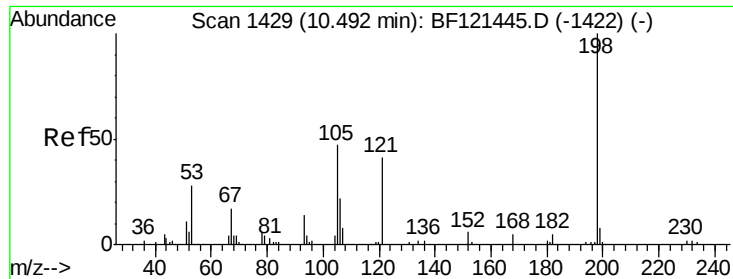
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.38 min Scan# 1580  
Delta R.T. -0.01 min  
Lab File: BF121459.D  
Acq: 28 Aug 2020 14:52

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 188   | Resp: | 1210210 |
| Ion      | Ratio | Lower | Upper   |
| 188      | 100   |       |         |
| 94       | 11.0  | 8.3   | 12.5    |
| 80       | 11.9  | 8.6   | 13.0    |



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

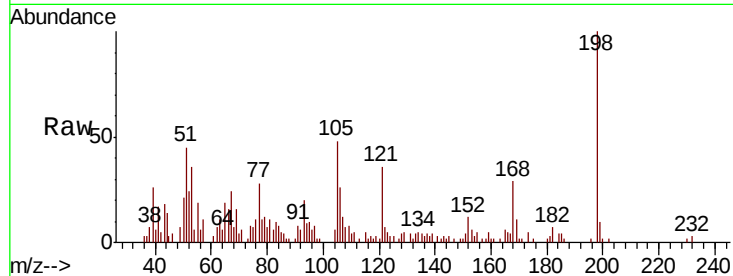




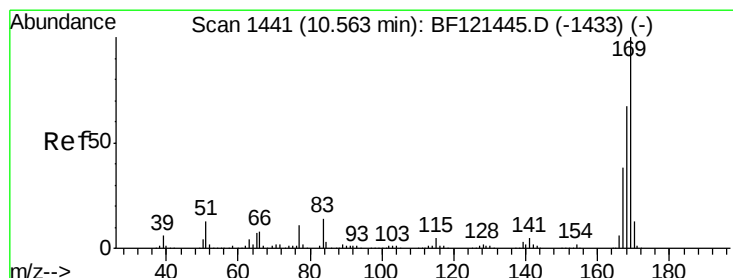
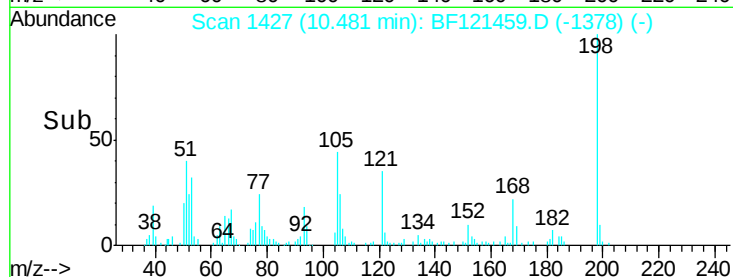
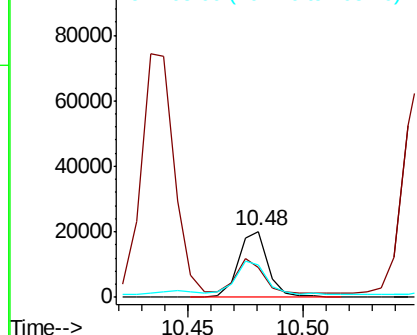
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 13.283 ng  
 RT: 10.48 min Scan# 1427  
 Delta R.T. -0.01 min  
 Lab File: BF121459.D  
 Acq: 28 Aug 2020 14:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SU-03-082720MS

| Tot Ion   | 198  | Resp  | 18198 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 51        | 44.7 | 29.0  | 69.0  |
| 105       | 48.5 | 29.1  | 69.1  |

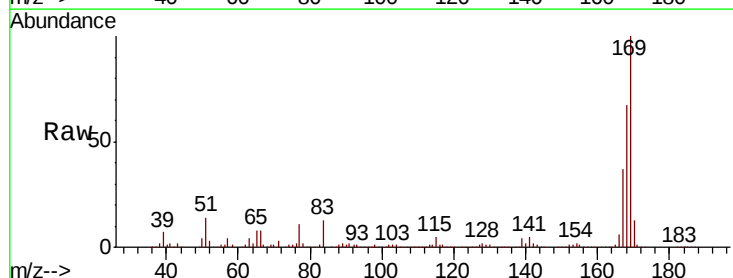


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BF1  
 Ion 105.00 (104.70 to 105.70): E

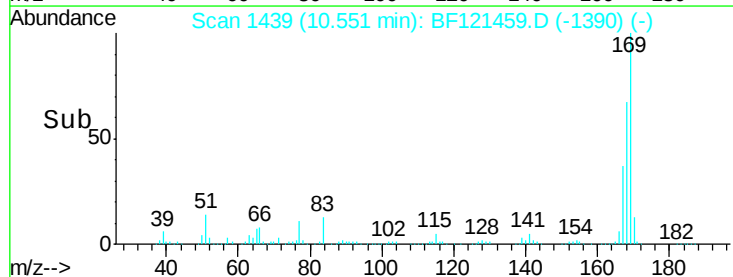
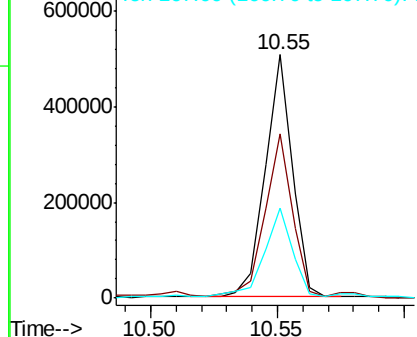


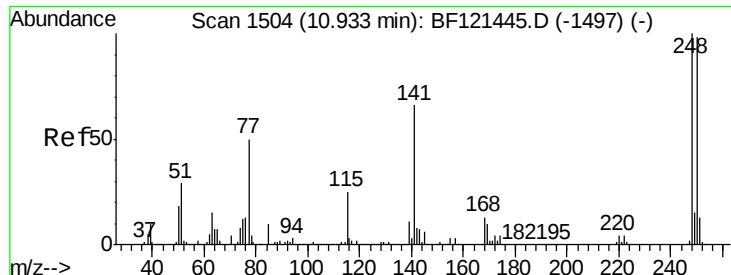
#66  
 n-Nitrosodiphenylamine  
 Concen: 9.981 ng  
 RT: 10.55 min Scan# 1439  
 Delta R.T. -0.01 min  
 Lab File: BF121459.D  
 Acq: 28 Aug 2020 14:52

| Tgt Ion   | 169  | Resp  | 382039 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 168       | 67.3 | 54.0  | 81.0   |
| 167       | 37.0 | 30.2  | 45.2   |



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

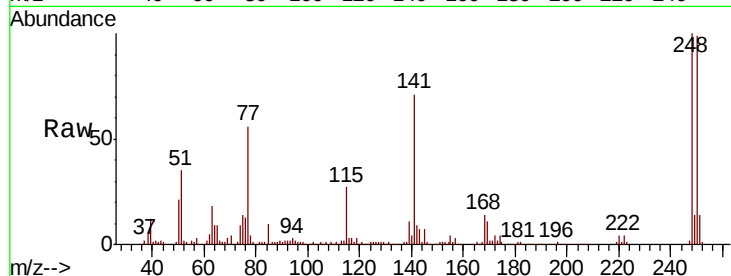




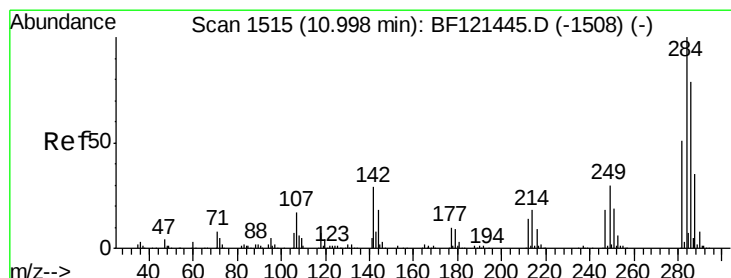
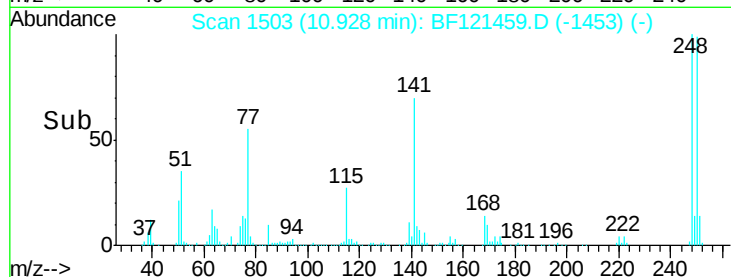
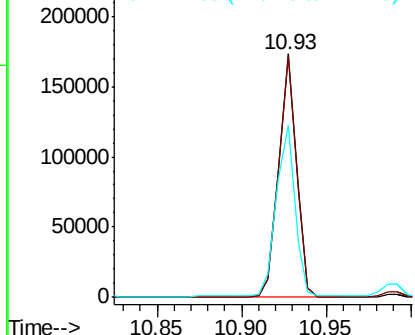
#67  
4-Bromophenyl-phenylether  
Concen: 9.560 ng  
RT: 10.93 min Scan# 1503  
Delta R.T. -0.01 min  
Lab File: BF121459.D  
Acq: 28 Aug 2020 14:52

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-082720MS

Tot Ion:248 Resp: 127276  
Ion Ratio Lower Upper  
248 100  
250 99.1 78.7 118.1  
141 70.7 52.6 78.8

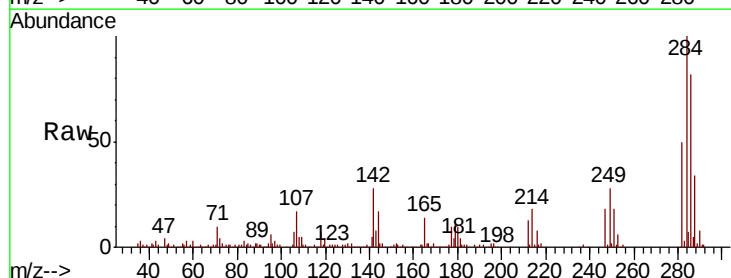


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

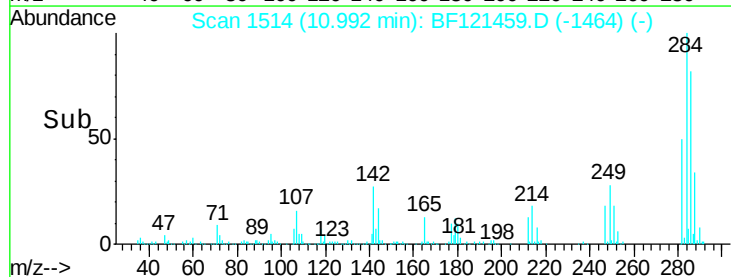
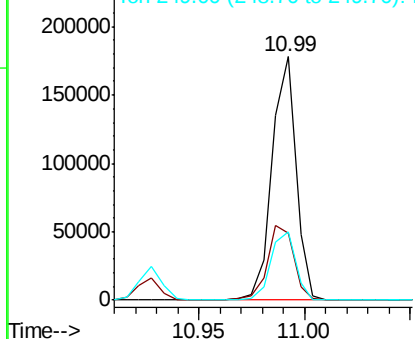


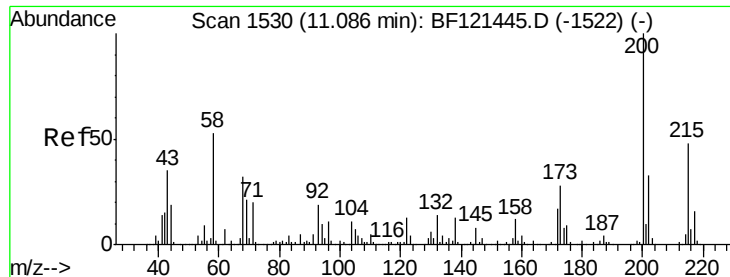
#68  
Hexachlorobenzene  
Concen: 9.064 ng  
RT: 10.99 min Scan# 1514  
Delta R.T. -0.01 min  
Lab File: BF121459.D  
Acq: 28 Aug 2020 14:52

Tgt Ion:284 Resp: 141107  
Ion Ratio Lower Upper  
284 100  
142 27.7 23.4 35.0  
249 27.9 23.8 35.6



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

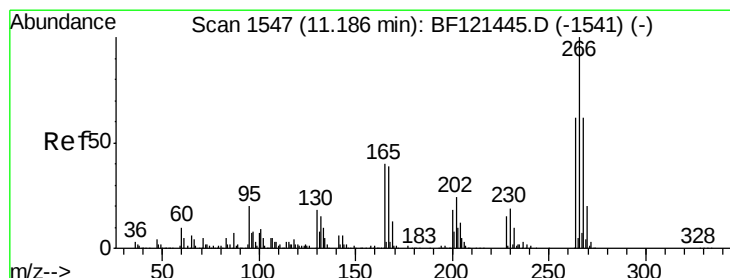
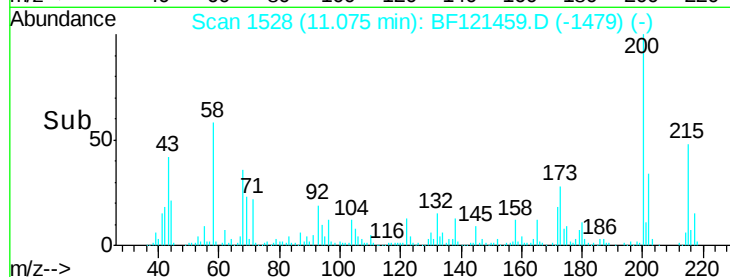
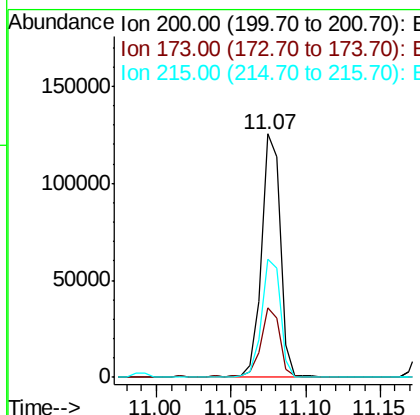
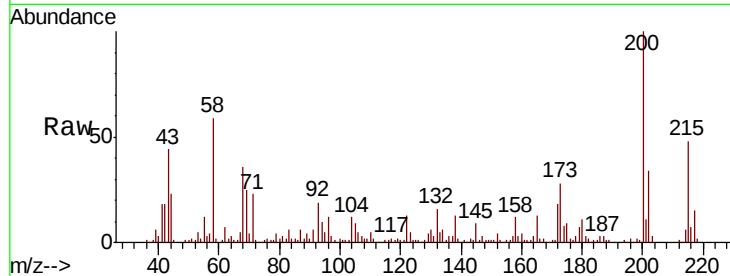




#69  
 Atrazine  
 Concen: 9.756 ng  
 RT: 11.07 min Scan# 1528  
 Delta R.T. -0.01 min  
 Lab File: BF121459.D  
 Acq: 28 Aug 2020 14:52

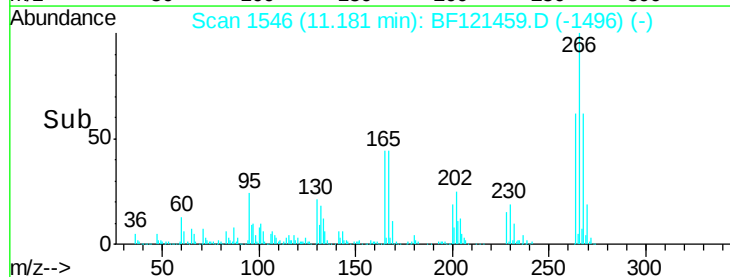
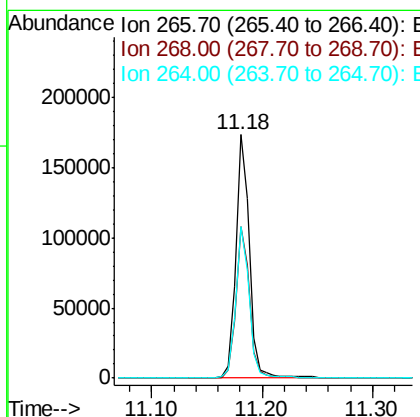
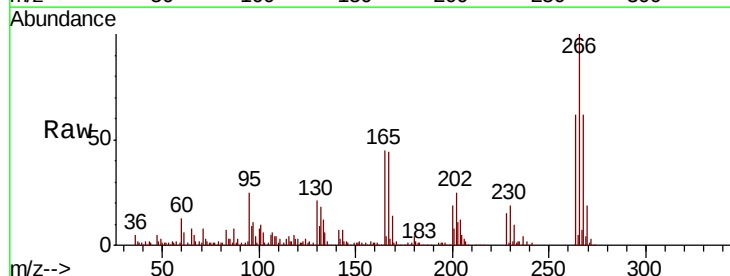
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SU-03-082720MS

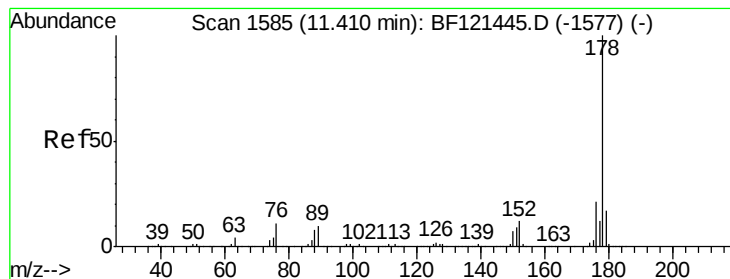
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 28.5  | 8.1   | 48.1  |
| 215     | 48.3  | 28.5  | 68.5  |



#70  
 Pentachlorophenol  
 Concen: 21.245 ng  
 RT: 11.18 min Scan# 1546  
 Delta R.T. -0.01 min  
 Lab File: BF121459.D  
 Acq: 28 Aug 2020 14:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 62.4  | 49.7  | 74.5  |
| 264     | 62.0  | 49.4  | 74.0  |





#71

Phenanthrene

Concen: 21.950 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA\_F

ClientSampleId :

SU-03-082720MS

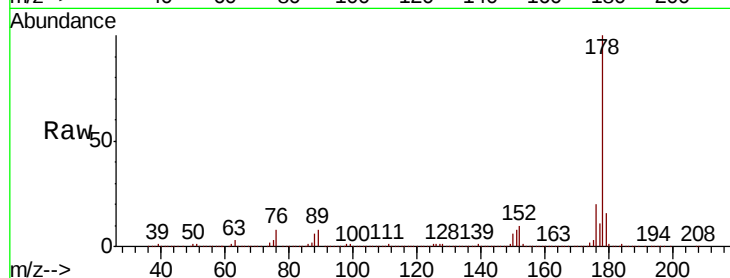
Tot Ion:178 Resp: 1363192

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 20.1  | 16.9  | 25.3  |
| 179 | 15.7  | 13.4  | 20.0  |

178 100

176 20.1 16.9 25.3

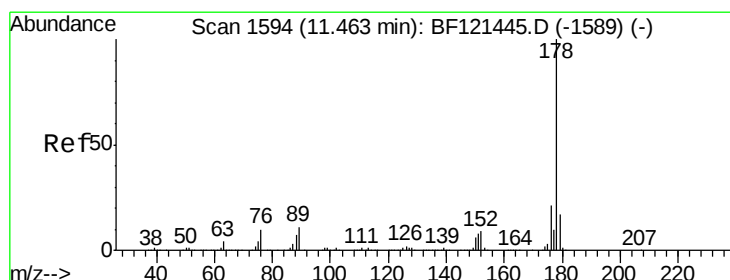
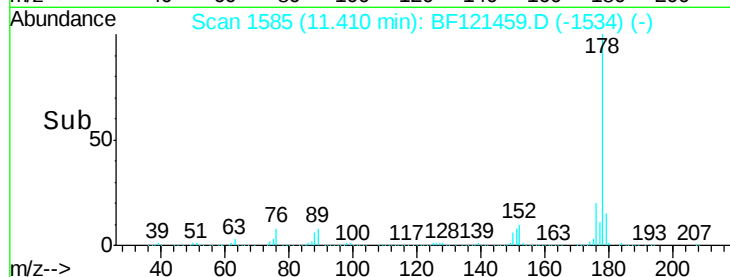
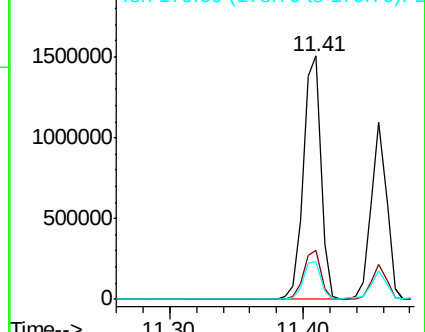
179 15.7 13.4 20.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 14.040 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

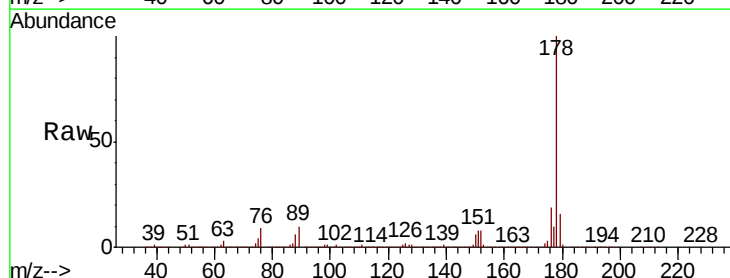
Tgt Ion:178 Resp: 857617

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 19.4  | 16.7  | 25.1  |
| 179 | 15.9  | 13.4  | 20.2  |

178 100

176 19.4 16.7 25.1

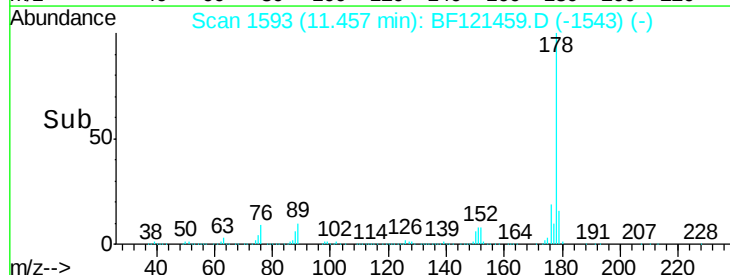
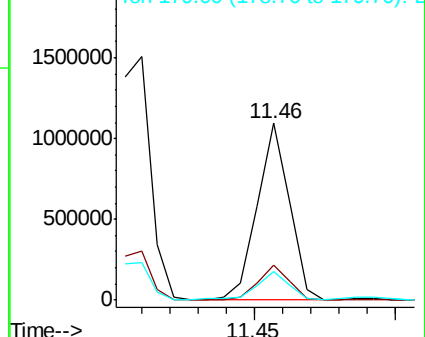
179 15.9 13.4 20.2

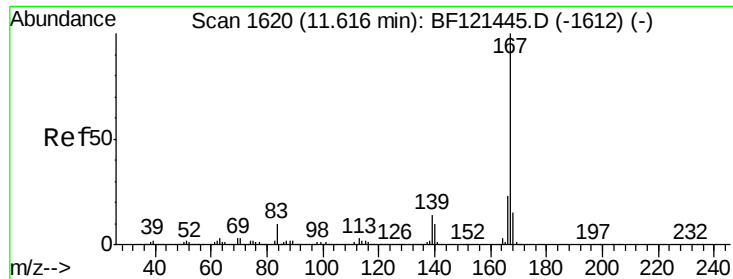


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

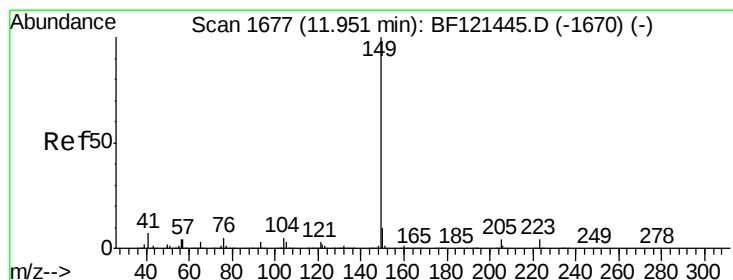
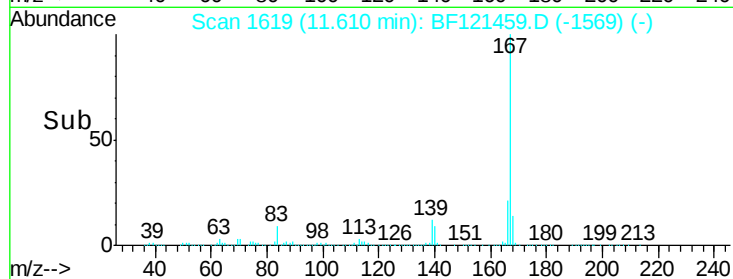
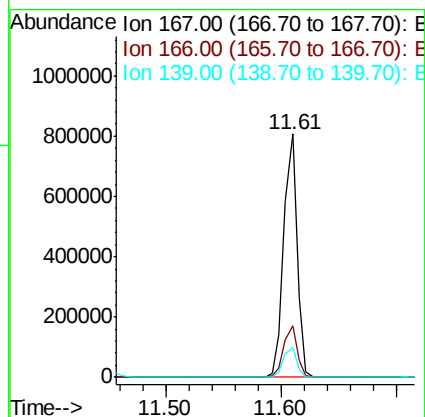
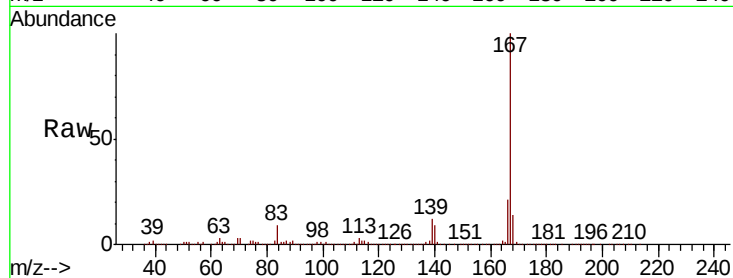




#73  
 Carbazole  
 Concen: 11.011 ng  
 RT: 11.61 min Scan# 1619  
 Delta R.T. -0.01 min  
 Lab File: BF121459.D  
 Acq: 28 Aug 2020 14:52

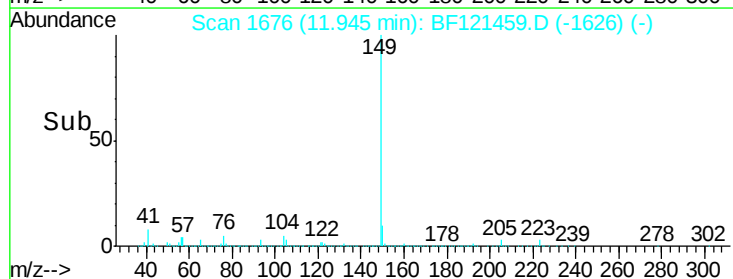
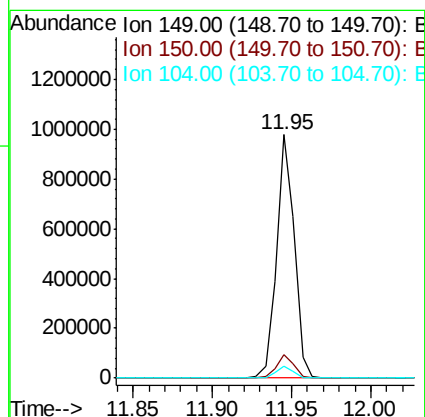
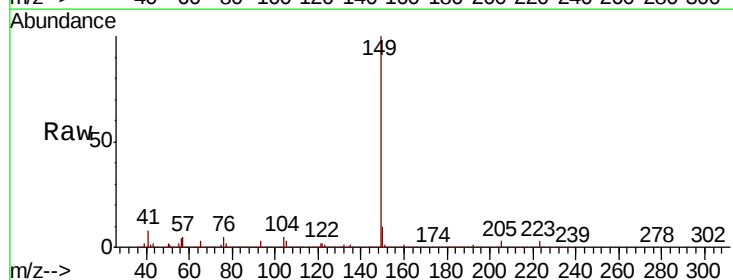
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SU-03-082720MS

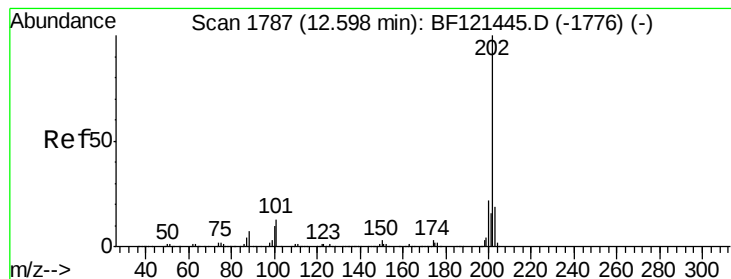
Tot Ion:167 Resp: 648558  
 Ion Ratio Lower Upper  
 167 100  
 166 21.5 18.4 27.6  
 139 12.4 11.0 16.6



#74  
 Di-n-butylphthalate  
 Concen: 11.614 ng  
 RT: 11.95 min Scan# 1676  
 Delta R.T. -0.01 min  
 Lab File: BF121459.D  
 Acq: 28 Aug 2020 14:52

Tgt Ion:149 Resp: 759971  
 Ion Ratio Lower Upper  
 149 100  
 150 9.6 8.2 12.2  
 104 4.8 4.2 6.4





#75

Fluoranthene

Concen: 24.892 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA\_F

ClientSampleId :

SU-03-082720MS

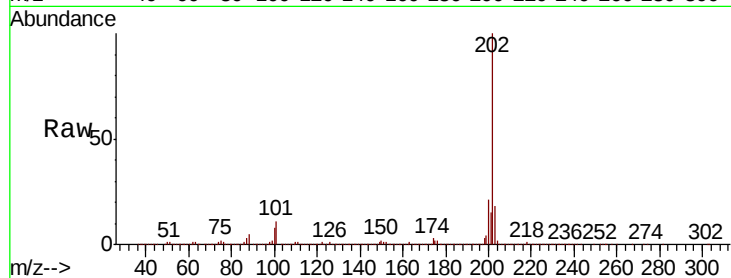
Tot Ion:202 Resp: 1666148

Ion Ratio Lower Upper

202 100

101 10.9 0.0 33.3

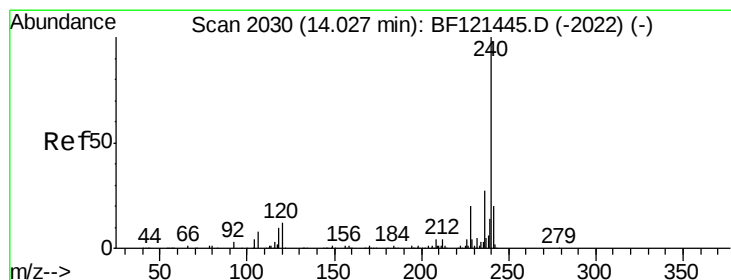
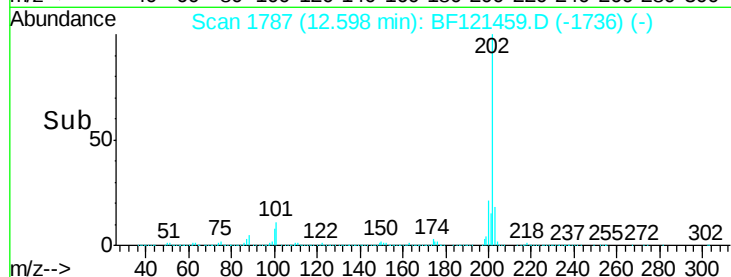
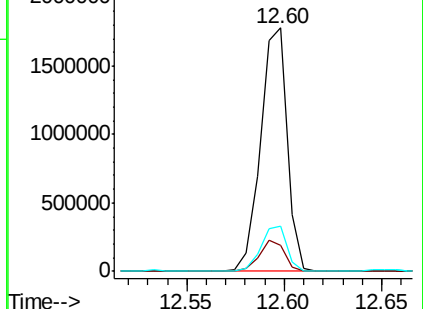
203 18.4 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

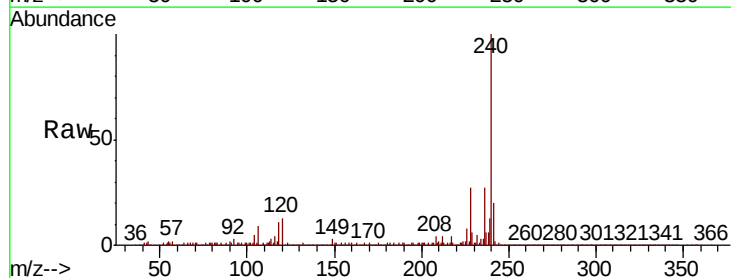
Tgt Ion:240 Resp: 813605

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

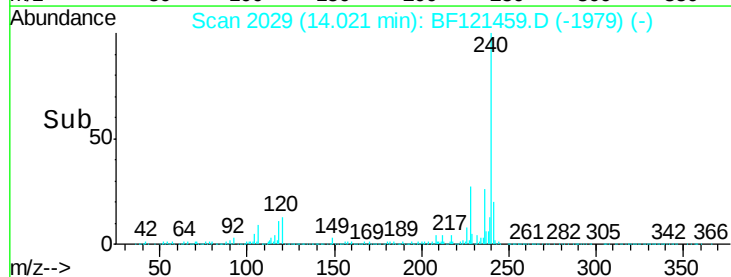
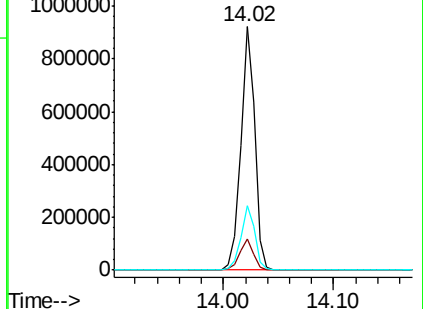
236 26.5 21.8 32.6

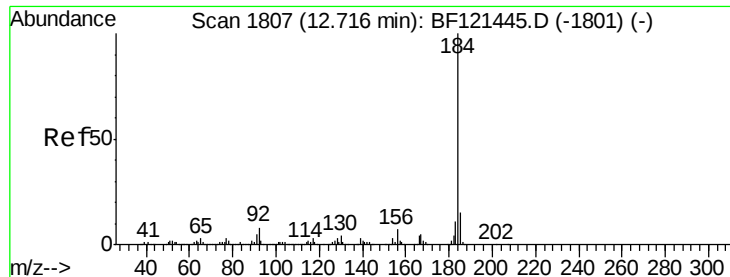


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 14.100 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA\_F

ClientSampleId :

SU-03-082720MS

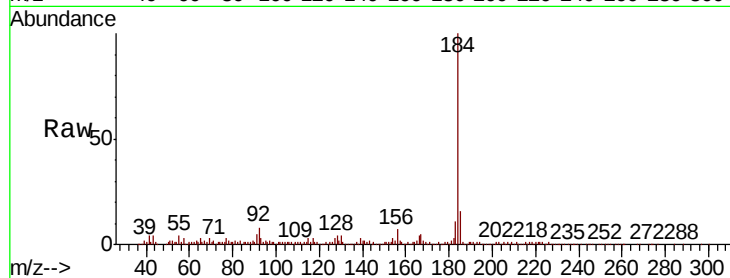
Tot Ion:184 Resp: 250190

Ion Ratio Lower Upper

184 100

185 15.9 12.1 18.1

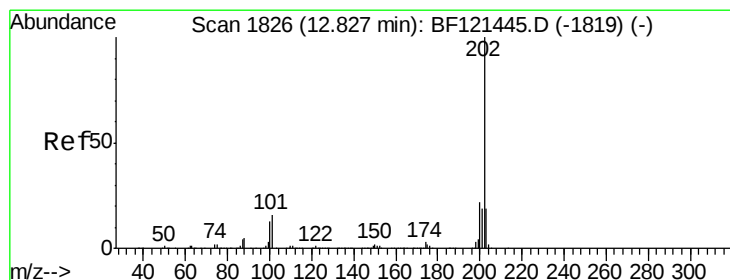
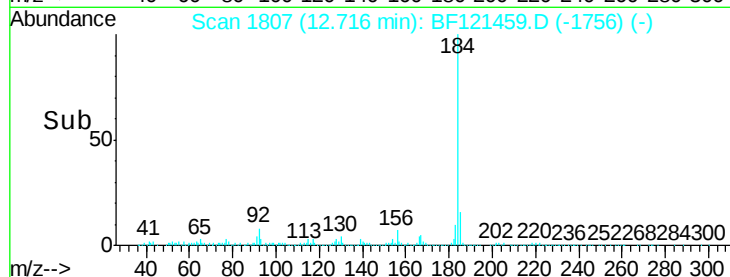
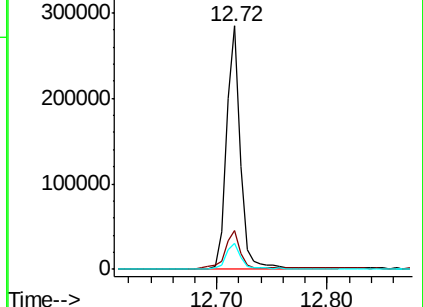
183 10.7 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 26.868 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

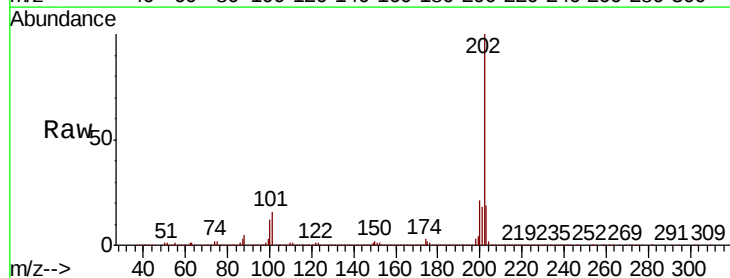
Tgt Ion:202 Resp: 1561181

Ion Ratio Lower Upper

202 100

200 21.4 18.0 27.0

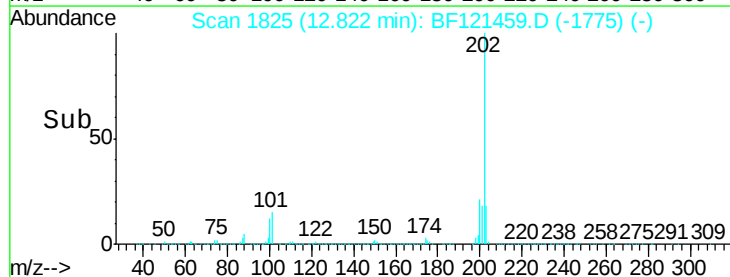
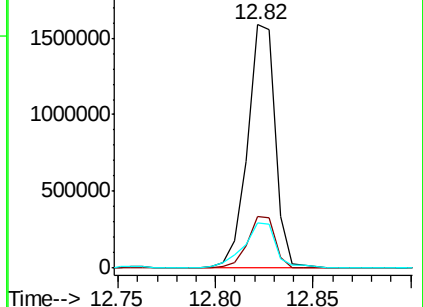
203 18.6 15.3 22.9

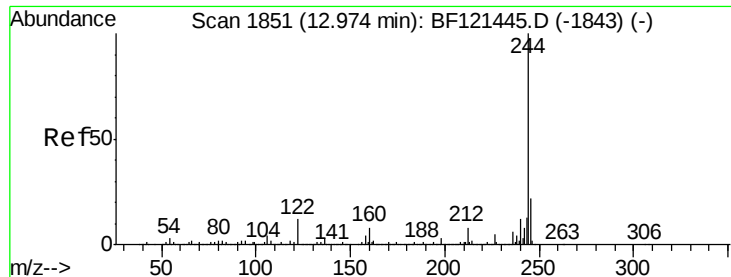


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 13.467 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA\_F

ClientSampleId :

SU-03-082720MS

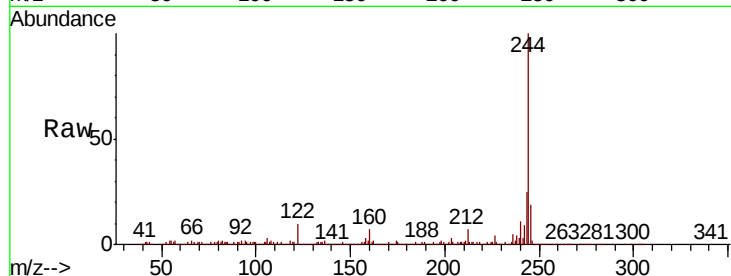
Tot Ion:244 Resp: 520535

Ion Ratio Lower Upper

244 100

212 6.9 6.3 9.5

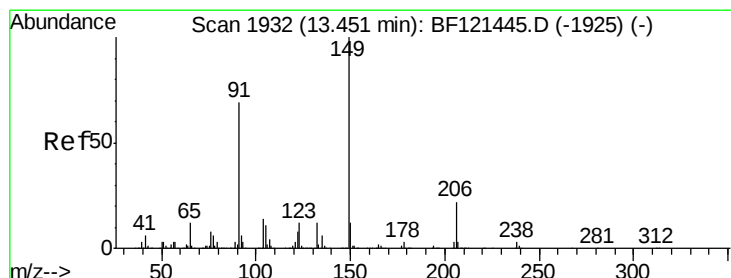
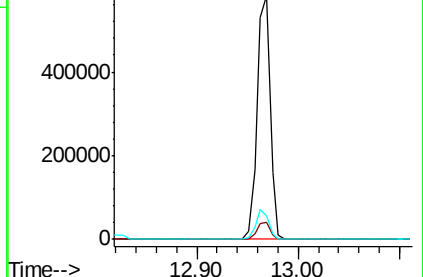
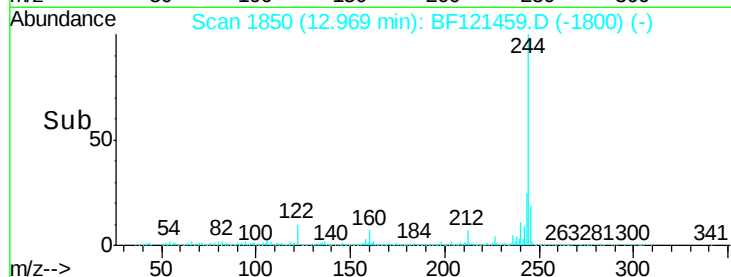
122 9.8 9.5 14.3



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: 13.109 ng

RT: 13.45 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

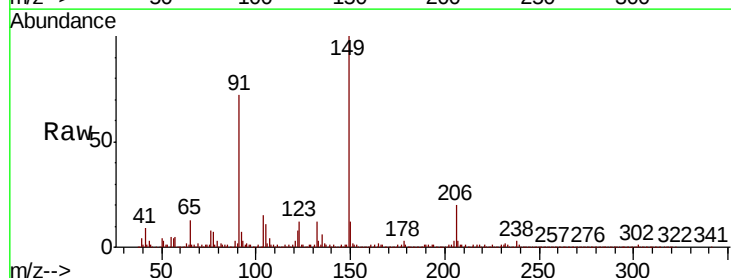
Tgt Ion:149 Resp: 293442

Ion Ratio Lower Upper

149 100

91 72.1 55.0 82.4

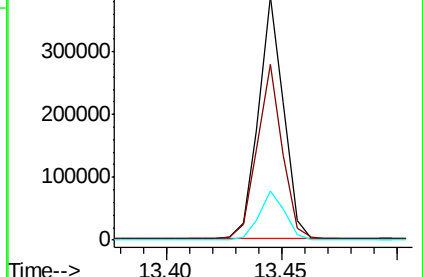
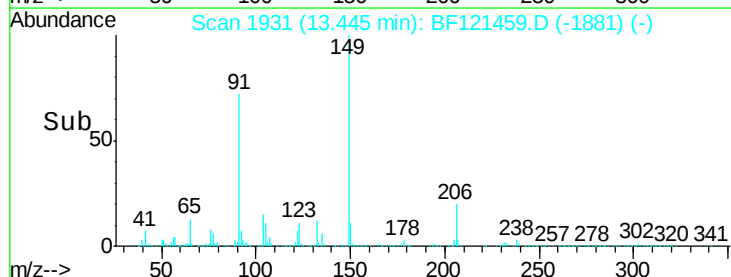
206 20.3 17.8 26.6

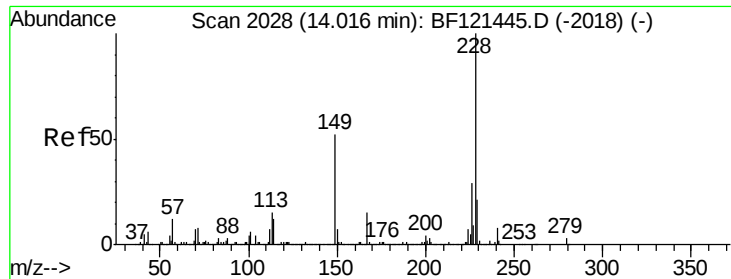


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 18.809 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA\_F

ClientSampleId :

SU-03-082720MS

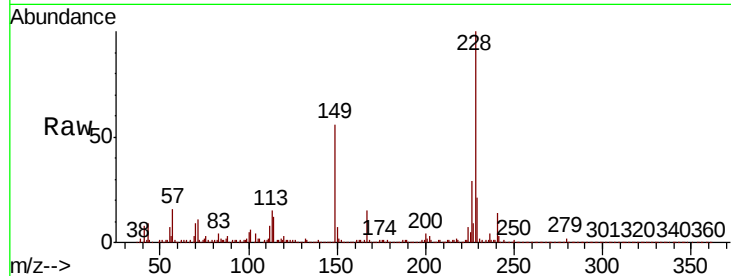
Tot Ion:228 Resp: 934162

Ion Ratio Lower Upper

228 100

226 29.2 23.0 34.4

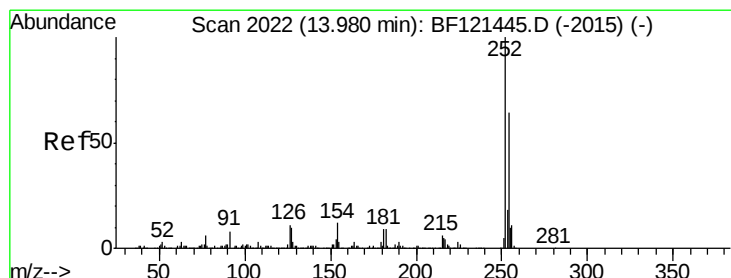
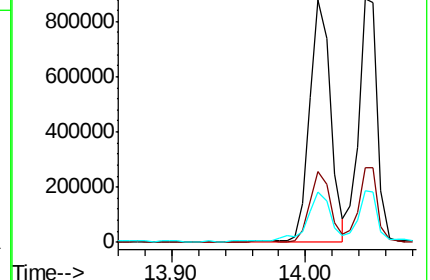
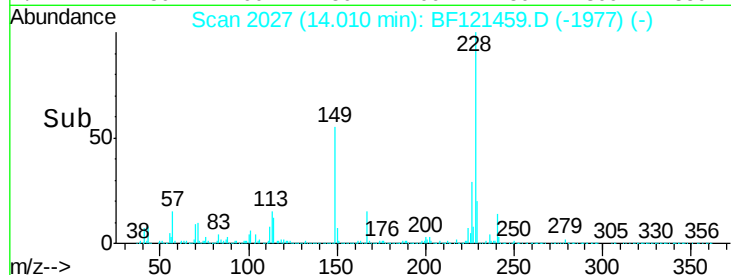
229 20.7 16.6 24.8



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: 7.558 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

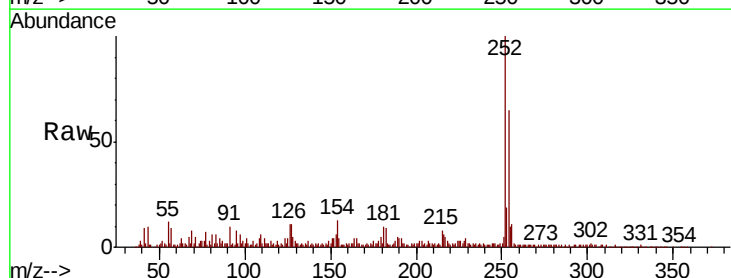
Tgt Ion:252 Resp: 137491

Ion Ratio Lower Upper

252 100

254 65.0 51.4 77.2

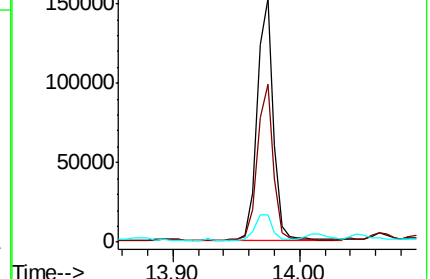
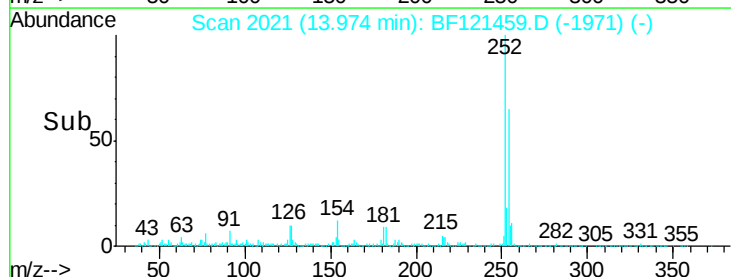
126 11.1 8.5 12.7

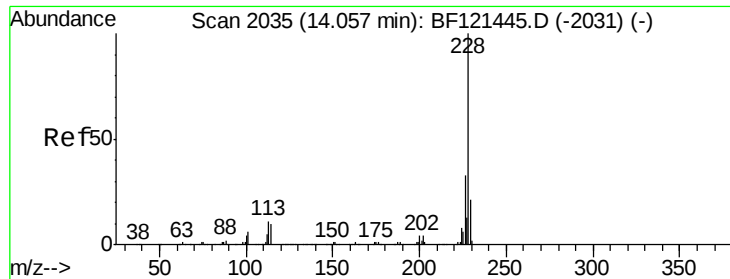


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 17.282 ng

RT: 14.05 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA\_F

ClientSampleId :

SU-03-082720MS

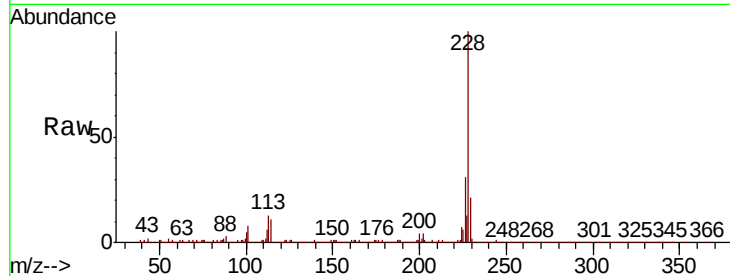
Tot Ion:228 Resp: 858742

Ion Ratio Lower Upper

228 100

226 30.6 26.2 39.2

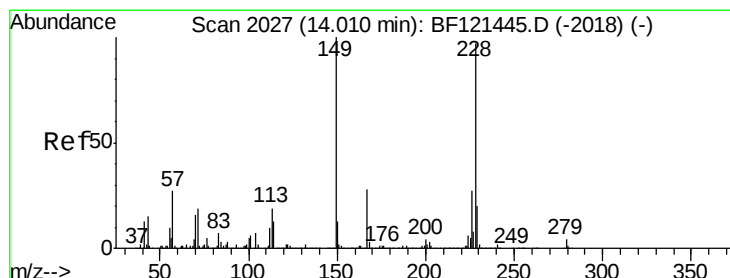
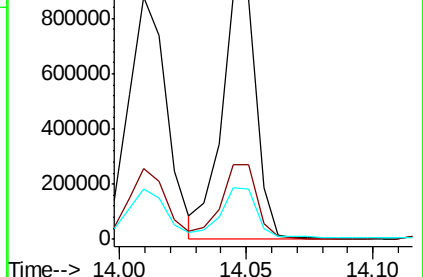
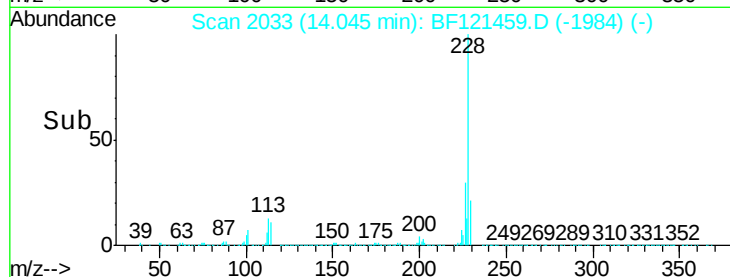
229 21.4 16.6 25.0



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: 13.918 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

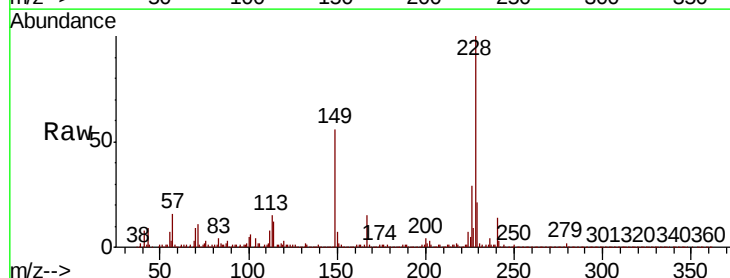
Tgt Ion:149 Resp: 402406

Ion Ratio Lower Upper

149 100

167 27.7 22.6 34.0

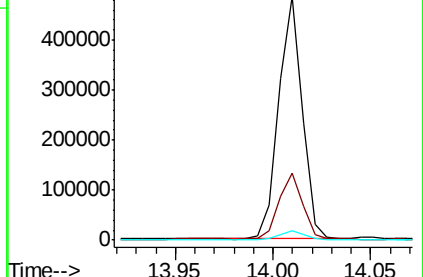
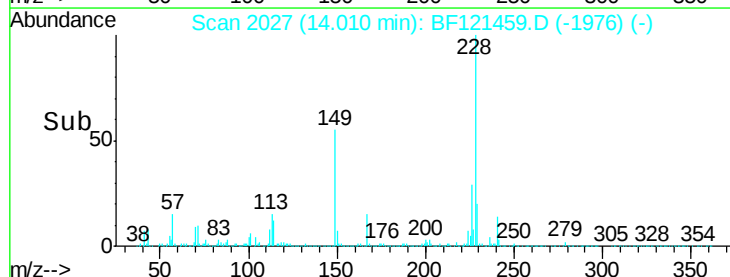
279 3.8 3.3 4.9

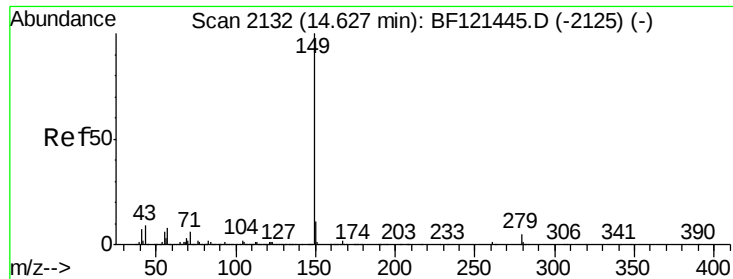


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 13.181 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA\_F

ClientSampleId :

SU-03-082720MS

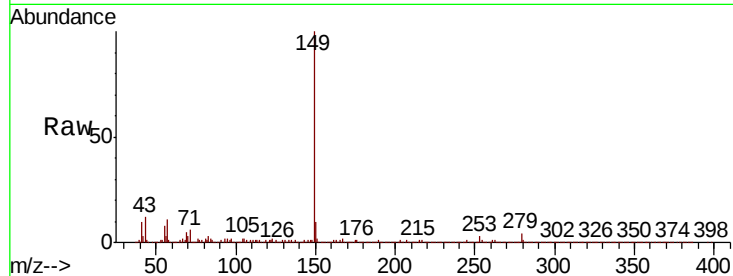
Tot Ion:149 Resp: 645847

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

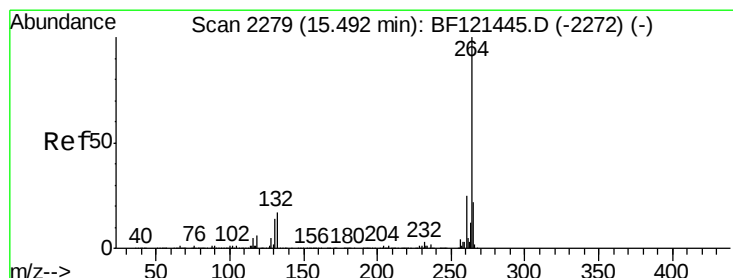
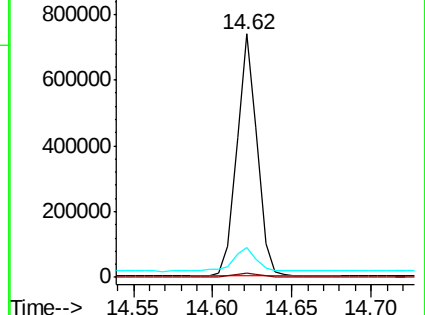
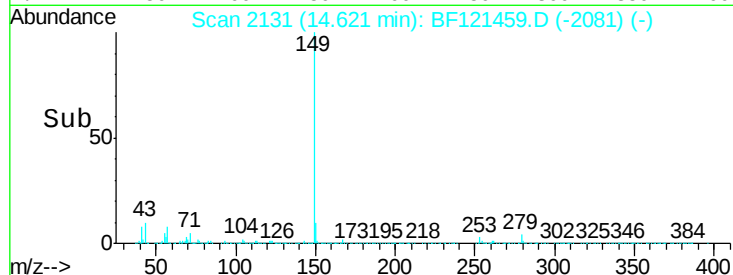
43 11.8 8.3 12.5



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: 15.49 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

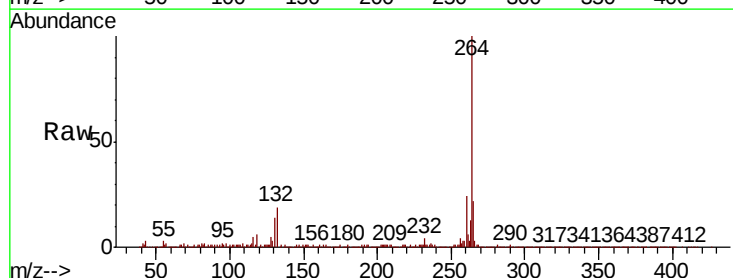
Tgt Ion:264 Resp: 767984

Ion Ratio Lower Upper

264 100

260 24.4 19.6 29.4

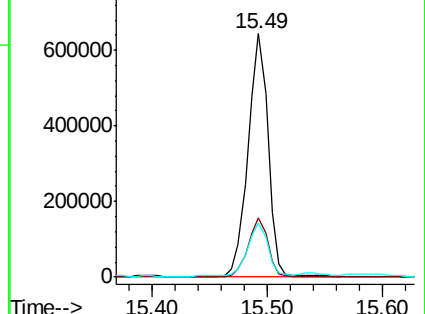
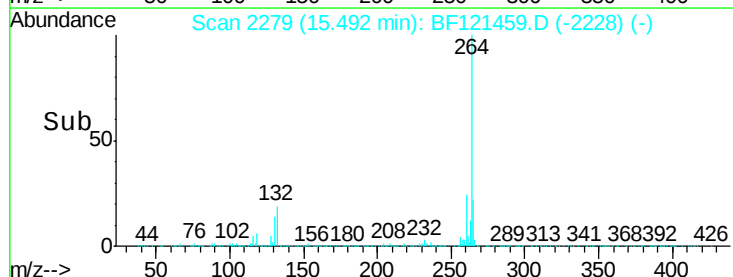
265 22.0 17.8 26.6

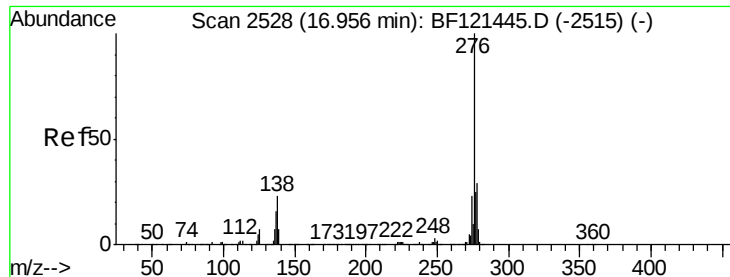


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

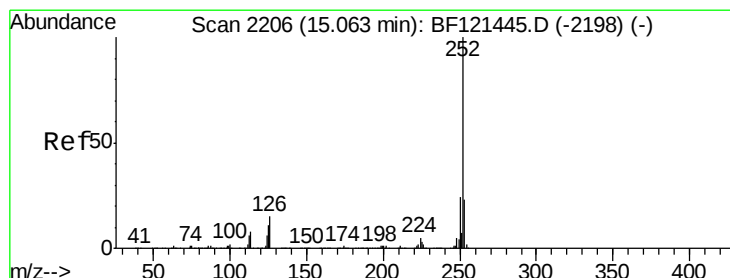
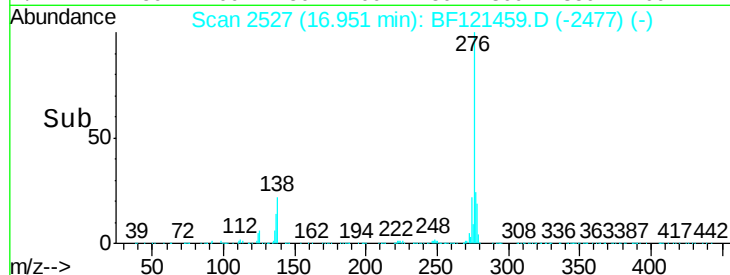
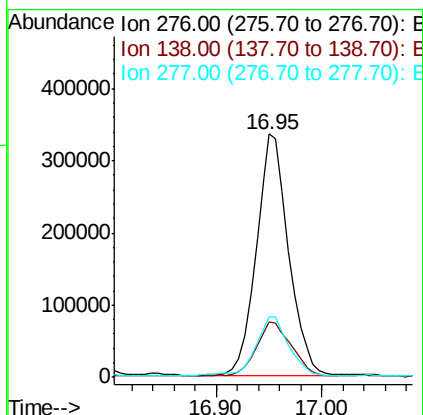
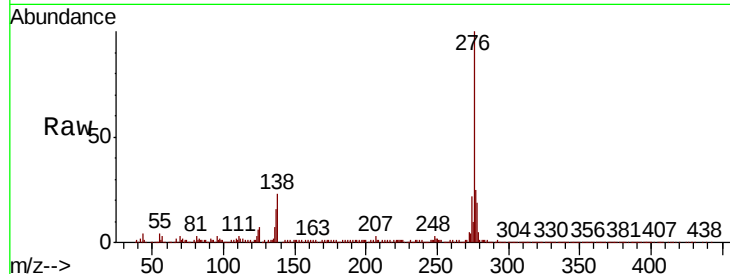




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 15.023 ng  
 RT: 16.95 min Scan# 2527  
 Delta R.T. -0.01 min  
 Lab File: BF121459.D  
 Acq: 28 Aug 2020 14:52

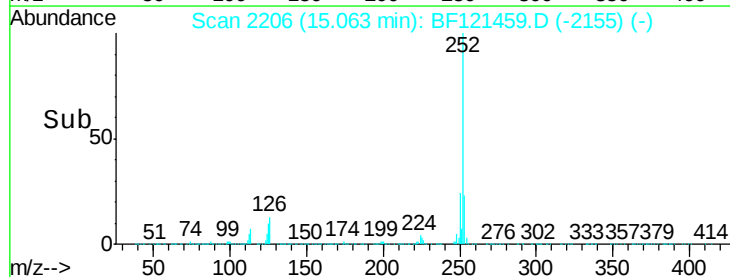
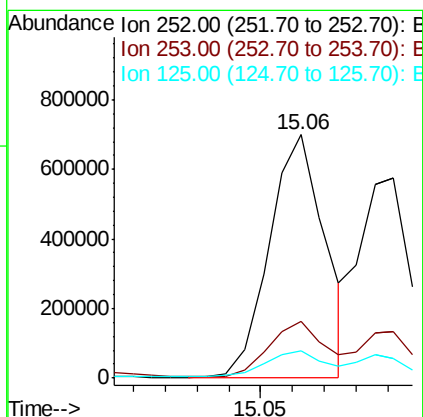
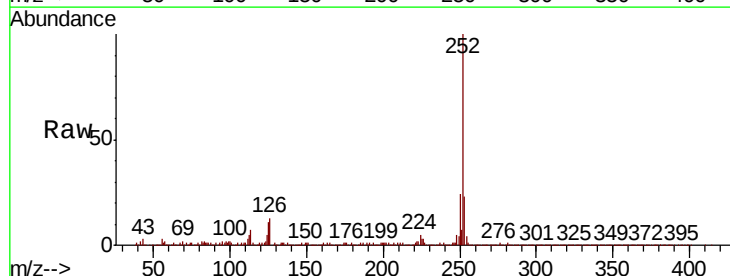
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SU-03-082720MS

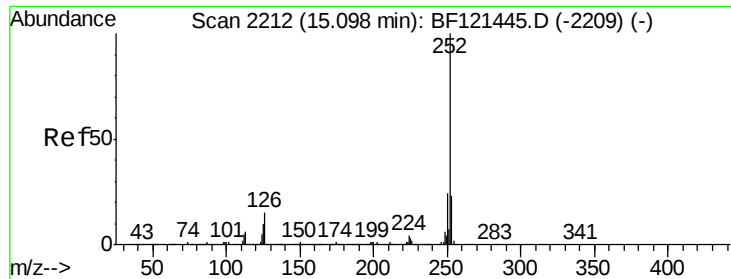
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 24.6  | 20.6  | 31.0  |
| 277     | 25.0  | 20.5  | 30.7  |



#88  
 Benzo(b)fluoranthene  
 Concen: 16.933 ng  
 RT: 15.06 min Scan# 2206  
 Delta R.T. 0.00 min  
 Lab File: BF121459.D  
 Acq: 28 Aug 2020 14:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.1  | 18.3  | 27.5  |
| 125     | 11.1  | 9.2   | 13.8  |

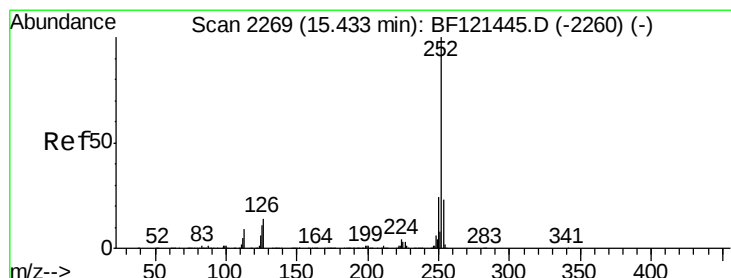
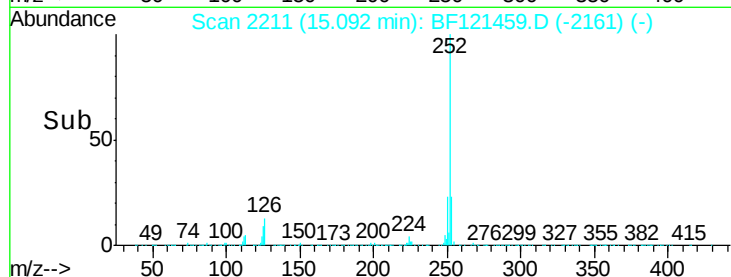
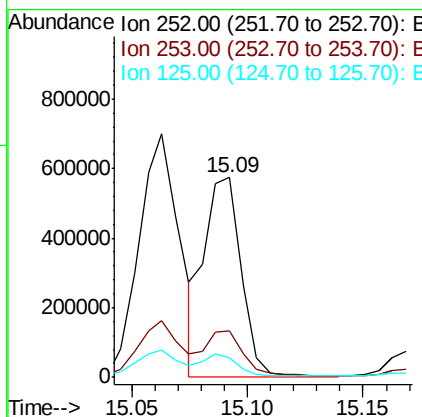
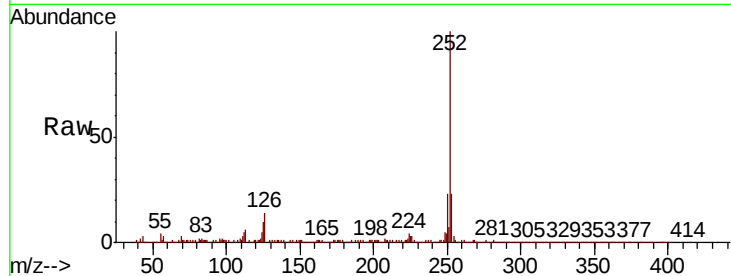




#89  
Benzo(k)fluoranthene  
Concen: 13.589 ng  
RT: 15.09 min Scan# 2211  
Delta R.T. -0.01 min  
Lab File: BF121459.D  
Acq: 28 Aug 2020 14:52

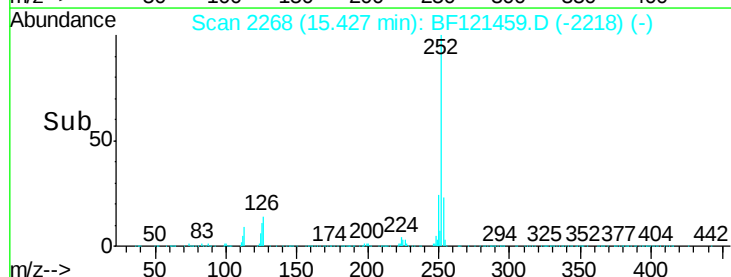
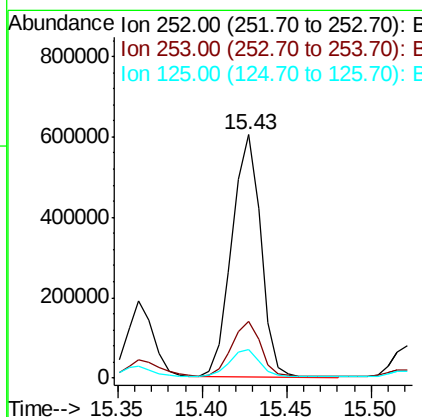
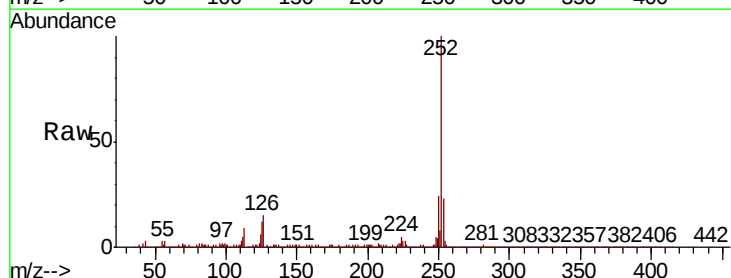
Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-082720MS

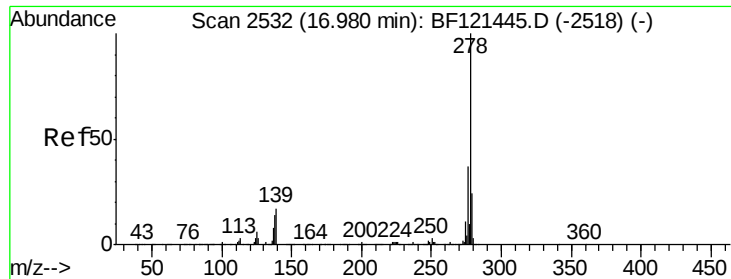
Tot Ion:252 Resp: 631432  
Ion Ratio Lower Upper  
252 100  
253 23.5 18.3 27.5  
125 10.1 8.5 12.7



#90  
Benzo(a)pyrene  
Concen: 16.076 ng  
RT: 15.43 min Scan# 2268  
Delta R.T. -0.01 min  
Lab File: BF121459.D  
Acq: 28 Aug 2020 14:52

Tgt Ion:252 Resp: 722143  
Ion Ratio Lower Upper  
252 100  
253 23.3 18.0 27.0  
125 11.5 9.0 13.4

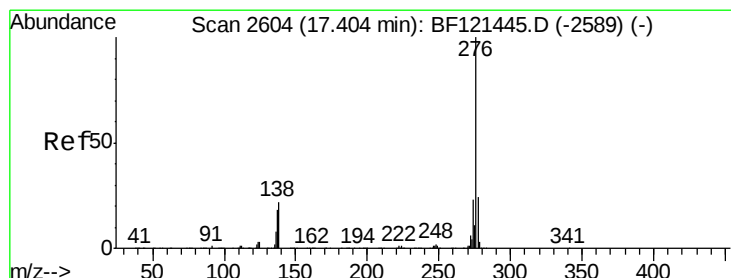
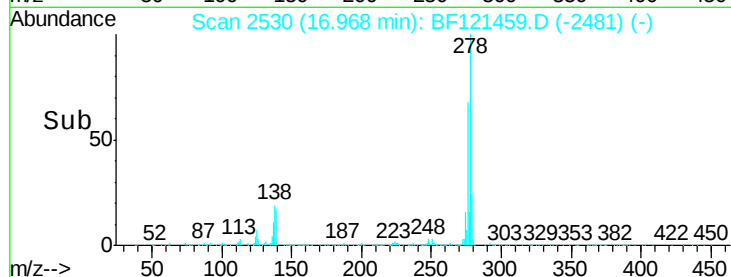
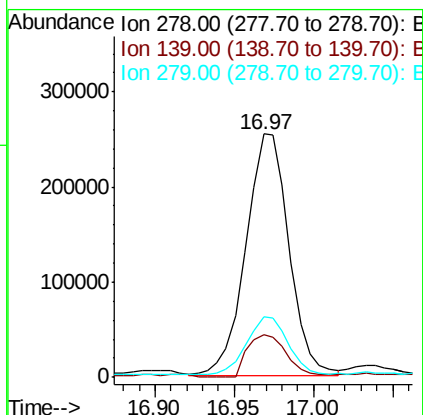
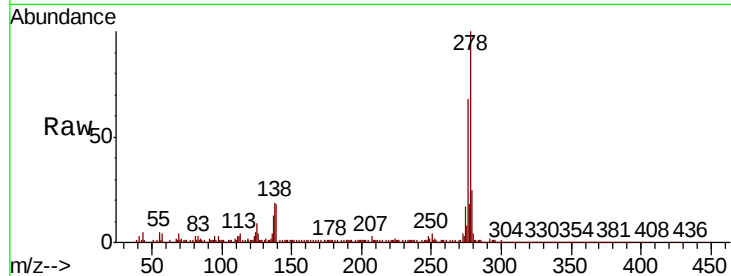




#91  
Dibenzo(a,h)anthracene  
Concen: 12.421 ng  
RT: 16.97 min Scan# 2530  
Delta R.T. -0.01 min  
Lab File: BF121459.D  
Acq: 28 Aug 2020 14:52

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-082720MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 17.5  | 13.3  | 19.9  |
| 279     | 24.9  | 19.4  | 29.0  |



#92  
Benzo(g,h,i)perylene  
Concen: 16.765 ng  
RT: 17.39 min Scan# 2602  
Delta R.T. -0.01 min  
Lab File: BF121459.D  
Acq: 28 Aug 2020 14:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.9  | 18.9  | 28.3  |
| 138     | 23.7  | 17.4  | 26.0  |

