

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051419\  
 Data File : BF114259.D  
 Acq On : 14 May 2019 17:59  
 Operator : JU/SJ  
 Sample : K2764-20MS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P026-SS002-1218-01MS

Quant Time: May 15 02:04:52 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 10 15:56:46 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.86  | 152  | 255881   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.14  | 136  | 973253   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.89  | 164  | 446557   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.38 | 188  | 807662   | 20.00 | ng    | 0.01     |
| 76) Chrysene-d12          | 14.03 | 240  | 593993   | 20.00 | ng    | 0.01     |
| 87) Perylene-d12          | 15.52 | 264  | 664036   | 20.00 | ng    | 0.02     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.50  | 112 | 1382928 | 86.97 | ng | 0.02 |
| 7) Phenol-d6             | 6.52  | 99  | 1792468 | 95.31 | ng | 0.02 |
| 23) Nitrobenzene-d5      | 7.42  | 82  | 1128524 | 65.07 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.69 | 330 | 362907  | 78.61 | ng | 0.01 |
| 45) 2-Fluorobiphenyl     | 9.21  | 172 | 1635636 | 55.41 | ng | 0.00 |
| 79) Terphenyl-d14        | 12.96 | 244 | 1399582 | 48.57 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.65 | 88  | 225050  | 25.750 | ng | 98     |
| 3) Pyridine                    | 3.42 | 79  | 483032  | 20.059 | ng | 96     |
| 4) n-Nitrosodimethylamine      | 3.35 | 42  | 325034  | 27.991 | ng | 91     |
| 6) Aniline                     | 6.52 | 93  | 286997  | 10.565 | ng | # 1    |
| 8) 2-Chlorophenol              | 6.66 | 128 | 568456  | 33.488 | ng | 92     |
| 9) Benzaldehyde                | 6.40 | 77  | 259860  | 19.738 | ng | 96     |
| 10) Phenol                     | 6.53 | 94  | 685872  | 31.003 | ng | 92     |
| 11) bis(2-Chloroethyl)ether    | 6.59 | 93  | 563794  | 33.568 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.80 | 146 | 579468  | 30.412 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.87 | 146 | 584117  | 30.422 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.03 | 146 | 552815  | 31.514 | ng | 98     |
| 15) Benzyl Alcohol             | 7.00 | 79  | 472264  | 32.198 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.13 | 45  | 1003190 | 30.805 | ng | 58     |
| 17) 2-Methylphenol             | 7.13 | 107 | 441256  | 31.645 | ng | # 89   |
| 18) Hexachloroethane           | 7.37 | 117 | 206312  | 28.626 | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 7.27 | 70  | 403065  | 33.814 | ng | 96     |
| 20) 3+4-Methylphenols          | 7.28 | 107 | 591773  | 36.732 | ng | # 56   |
| 22) Acetophenone               | 7.26 | 105 | 774145  | 35.905 | ng | # 88   |
| 24) Nitrobenzene               | 7.44 | 77  | 611040  | 34.594 | ng | 98     |
| 25) Isophorone                 | 7.68 | 82  | 1086637 | 33.785 | ng | 99     |
| 26) 2-Nitrophenol              | 7.76 | 139 | 309229  | 36.084 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 7.80 | 122 | 488921  | 36.326 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.89 | 93  | 699624  | 33.525 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 8.00 | 162 | 453435  | 33.833 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.08 | 180 | 487730  | 32.003 | ng | 100    |
| 31) Naphthalene                | 8.16 | 128 | 1572048 | 34.579 | ng | 99     |
| 32) Benzoic acid               | 7.92 | 122 | 224276  | 26.972 | ng | 97     |
| 33) 4-Chloroaniline            | 8.21 | 127 | 178607  | 8.621  | ng | 97     |
| 34) Hexachlorobutadiene        | 8.27 | 225 | 266836  | 30.772 | ng | 98     |
| 35) Caprolactam                | 8.59 | 113 | 148487  | 33.978 | ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 8.71 | 107 | 477725  | 35.412 | ng | 97     |
| 37) 2-Methylnaphthalene        | 8.85 | 142 | 1044374 | 35.605 | ng | 97     |
| 38) 1-Methylnaphthalene        | 8.95 | 142 | 979166  | 35.448 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.02 | 216 | 462493  | 34.190 | ng | 100    |

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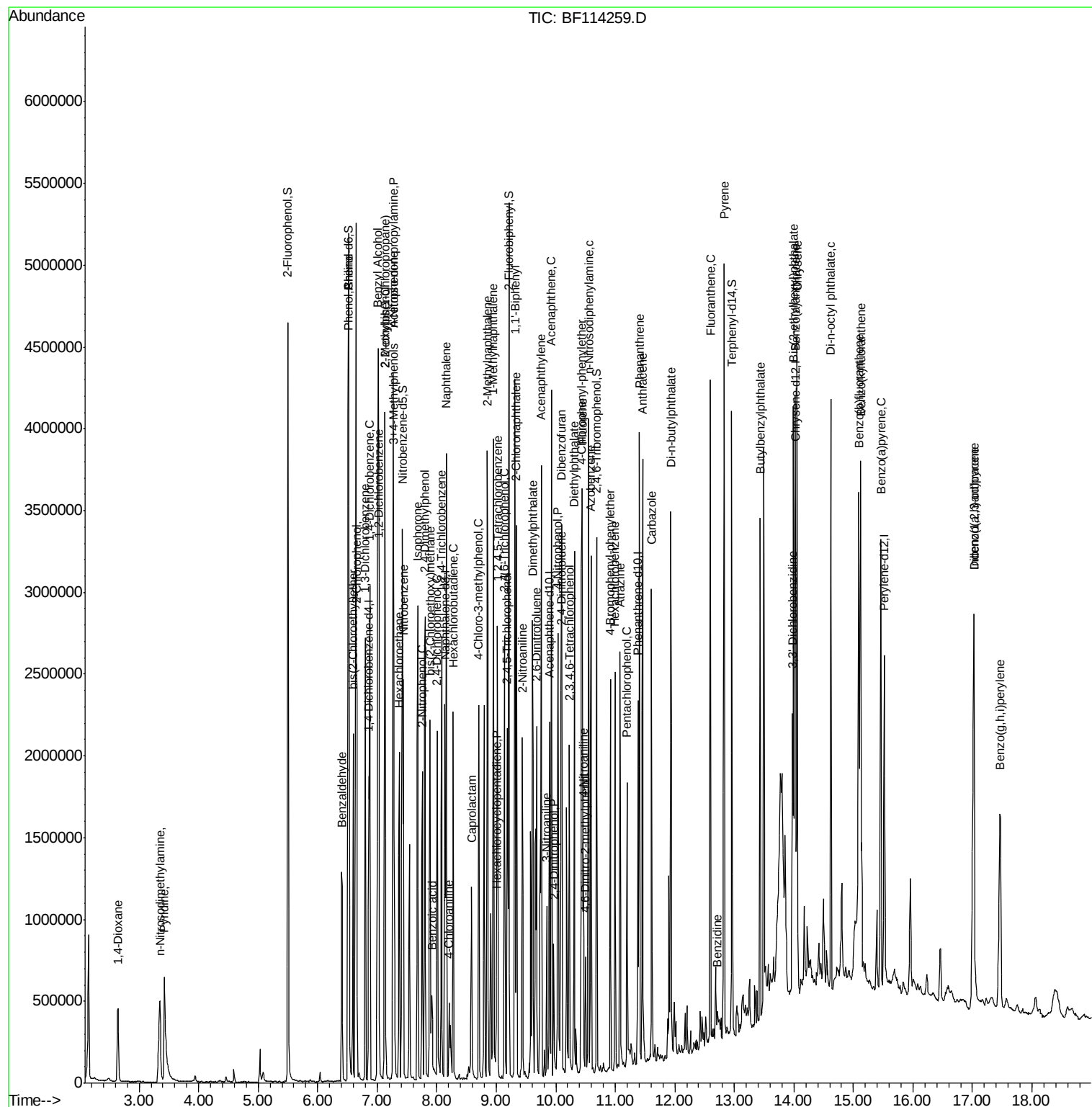
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.00  | 237  | 71861    | 15.110 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 9.14  | 196  | 310925   | 33.417 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.19  | 196  | 323089   | 33.859 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 9.32  | 154  | 1239087  | 34.347 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.34  | 162  | 946957   | 32.616 | ng    | 98       |
| 48) 2-Nitroaniline             | 9.44  | 65   | 335034   | 32.538 | ng    | 99       |
| 49) Acenaphthylene             | 9.76  | 152  | 1548157  | 35.059 | ng    | 99       |
| 50) Dimethylphthalate          | 9.61  | 163  | 1262126  | 38.501 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.68  | 165  | 251691   | 34.616 | ng    | 88       |
| 52) Acenaphthene               | 9.93  | 154  | 858199   | 31.671 | ng    | 99       |
| 53) 3-Nitroaniline             | 9.85  | 138  | 160915   | 17.829 | ng    | 97       |
| 54) 2,4-Dinitrophenol          | 9.96  | 184  | 112376   | 34.890 | ng    | 98       |
| 55) Dibenzofuran               | 10.10 | 168  | 1274048  | 32.064 | ng    | 99       |
| 56) 4-Nitrophenol              | 10.03 | 139  | 315017   | 49.353 | ng    | 99       |
| 57) 2,4-Dinitrotoluene         | 10.09 | 165  | 319864   | 32.412 | ng    | 92       |
| 58) Fluorene                   | 10.45 | 166  | 1006463  | 32.793 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.23 | 232  | 243780   | 29.609 | ng    | 99       |
| 60) Diethylphthalate           | 10.31 | 149  | 1091083  | 32.757 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.43 | 204  | 489970   | 32.504 | ng    | 95       |
| 62) 4-Nitroaniline             | 10.46 | 138  | 244644   | 25.795 | ng    | 97       |
| 63) Azobenzene                 | 10.59 | 77   | 1037616  | 32.184 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.50 | 198  | 87197    | 22.468 | ng    | 81       |
| 66) n-Nitrosodiphenylamine     | 10.55 | 169  | 889266   | 36.278 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.92 | 248  | 294202   | 33.083 | ng    | 97       |
| 68) Hexachlorobenzene          | 11.00 | 284  | 312158   | 31.731 | ng    | 96       |
| 69) Atrazine                   | 11.08 | 200  | 257199   | 33.717 | ng    | 100      |
| 70) Pentachlorophenol          | 11.20 | 266  | 256850   | 55.077 | ng    | 98       |
| 71) Phenanthrene               | 11.40 | 178  | 1506748  | 38.346 | ng    | 99       |
| 72) Anthracene                 | 11.46 | 178  | 1397813  | 35.417 | ng    | 99       |
| 73) Carbazole                  | 11.62 | 167  | 1261765  | 33.526 | ng    | 98       |
| 74) Di-n-butylphthalate        | 11.93 | 149  | 1571161  | 36.236 | ng    | 99       |
| 75) Fluoranthene               | 12.60 | 202  | 1674766  | 39.579 | ng    | 99       |
| 77) Benzidine                  | 12.72 | 184  | 70166    | 2.632  | ng    | 97       |
| 78) Pyrene                     | 12.83 | 202  | 1950757  | 40.825 | ng    | 100      |
| 80) Butylbenzylphthalate       | 13.43 | 149  | 666301   | 33.128 | ng    | 100      |
| 81) Benzo(a)anthracene         | 14.02 | 228  | 1497304  | 38.973 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 13.97 | 252  | 373556   | 25.064 | ng    | # 99     |
| 83) Chrysene                   | 14.06 | 228  | 1464549  | 38.887 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.99 | 149  | 934228   | 35.516 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.62 | 149  | 1668639  | 39.132 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 17.02 | 276  | 1359370  | 40.841 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 15.09 | 252  | 1594240  | 37.475 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 15.12 | 252  | 1365495  | 34.942 | ng    | 100      |
| 90) Benzo(a)pyrene             | 15.46 | 252  | 1475167  | 39.400 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene     | 17.03 | 278  | 1050457  | 33.765 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.46 | 276  | 1133285  | 36.349 | ng    | 99       |

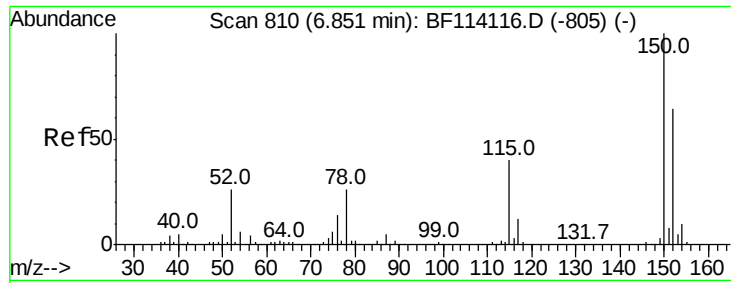
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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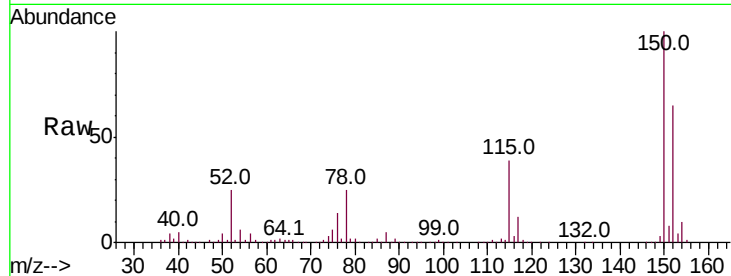


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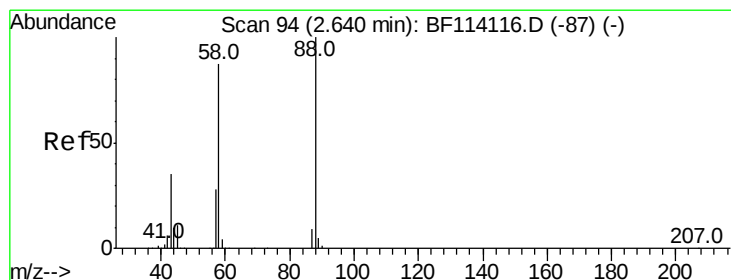
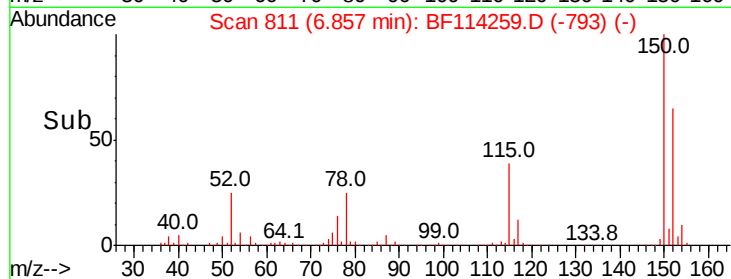
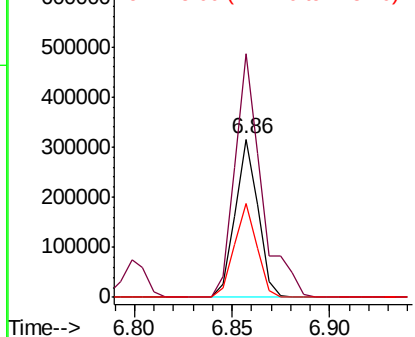
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.86 min Scan# 811  
Delta R.T. 0.01 min  
Lab File: BF114259.D  
Acq: 14 May 2019 17:59

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BNA\_F  
ClientSampleId :  
P026-SS002-1218-01MS

Tot Ion:152 Resp: 255881  
Ion Ratio Lower Upper  
152 100  
150 153.8 124.3 186.5  
115 59.5 49.1 73.7



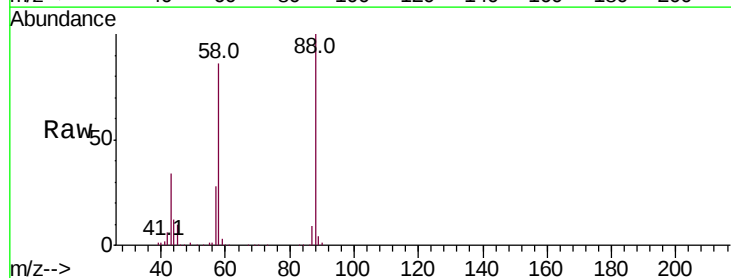
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



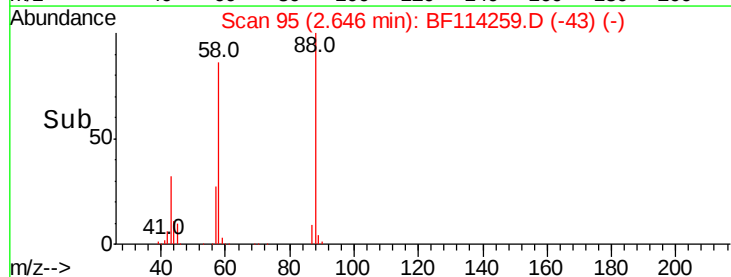
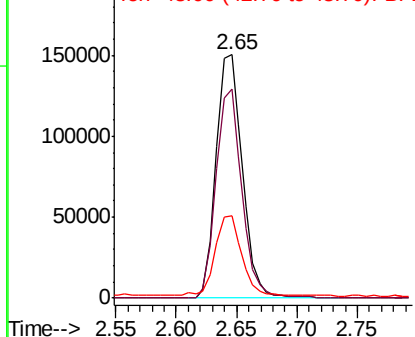
#2

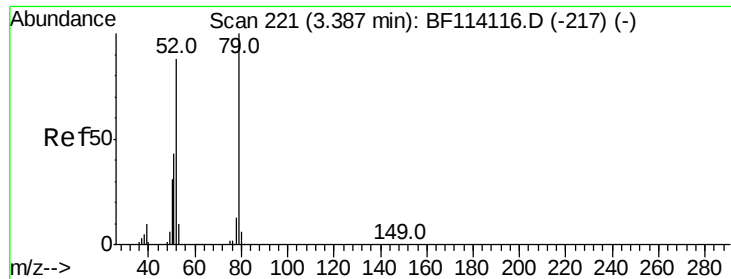
1,4-Dioxane  
Concen: 25.750 ng  
RT: 2.65 min Scan# 95  
Delta R.T. 0.01 min  
Lab File: BF114259.D  
Acq: 14 May 2019 17:59

Tgt Ion: 88 Resp: 225050  
Ion Ratio Lower Upper  
88 100  
58 85.0 68.7 103.1  
43 33.1 28.2 42.2



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





#3

Pvridine

Concen: 20.059 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.04 min

Lab File: BF114259.D

Acq: 14 May 2019 17:59

Instrument :

BNA\_F

ClientSampleId :

P026-SS002-1218-01MS

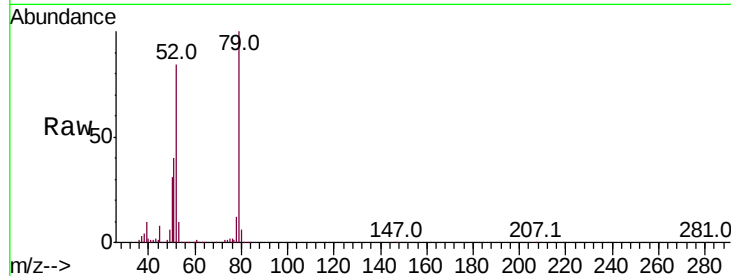
Tot Ion: 79 Resp: 483032

Ion Ratio Lower Upper

79 100

52 84.3 70.6 105.8

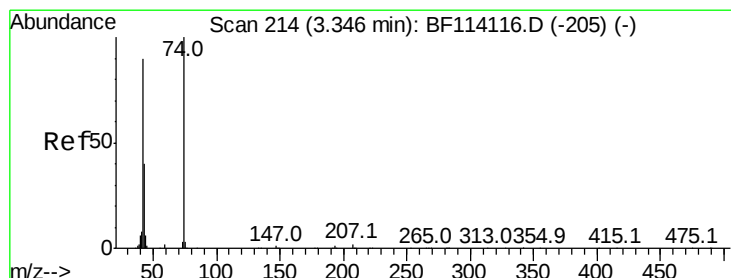
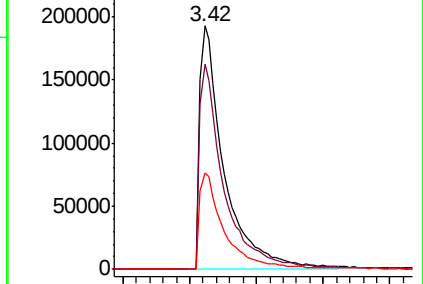
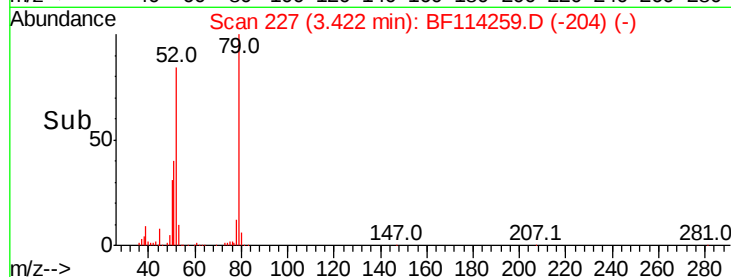
51 39.8 34.2 51.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 27.991 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.01 min

Lab File: BF114259.D

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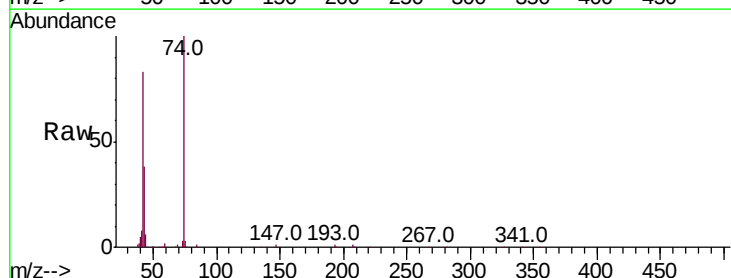
Tgt Ion: 42 Resp: 325034

Ion Ratio Lower Upper

42 100

74 120.5 88.6 132.8

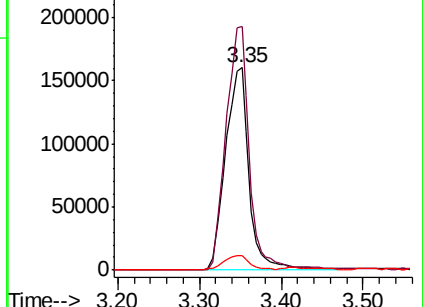
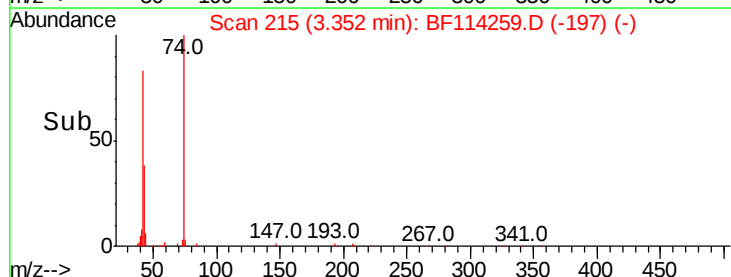
44 7.1 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 86.974 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.02 min

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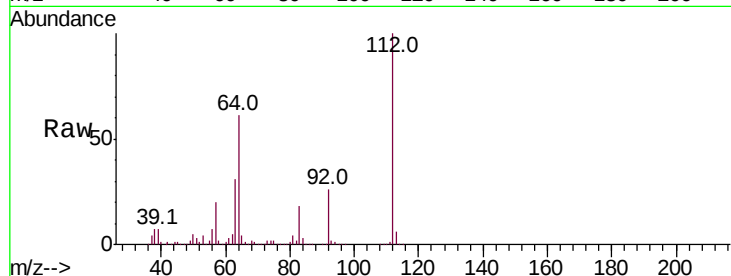
Tot Ion:112 Resp: 1382928

Ion Ratio Lower Upper

112 100

64 60.7 49.0 73.6

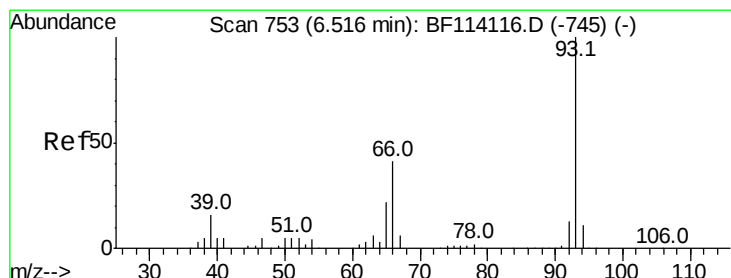
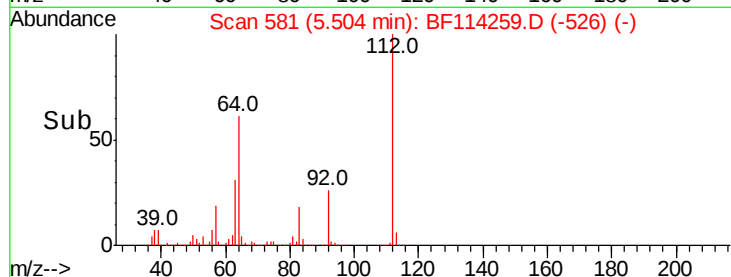
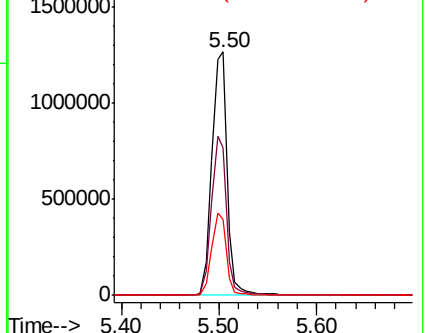
63 31.2 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.565 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF114259.D

Acq: 14 May 2019 17:59

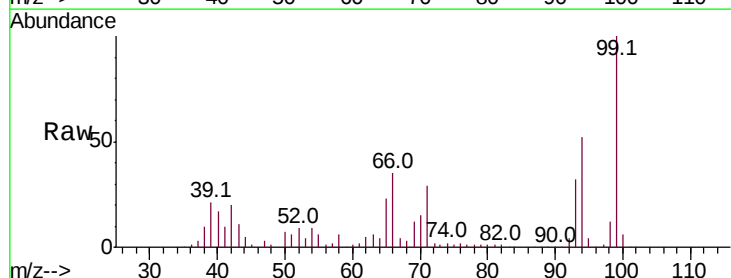
Tgt Ion: 93 Resp: 286997

Ion Ratio Lower Upper

93 100

66 111.9 33.2 49.8#

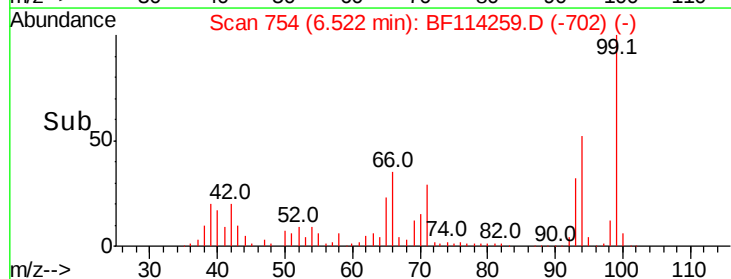
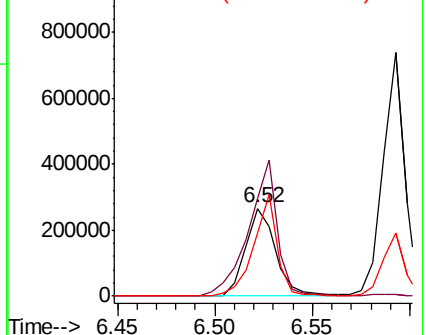
65 71.7 17.6 26.4#

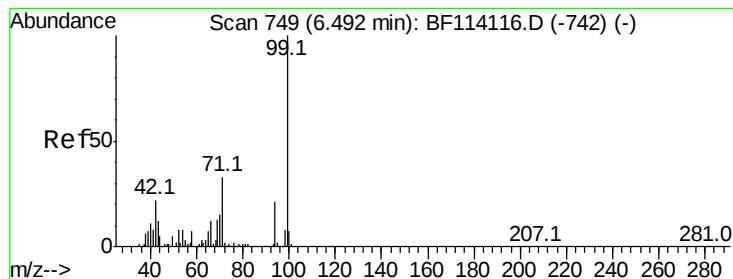


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 95.313 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.02 min

Lab File: BF114259.D

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Instrument :

BNA\_F

ClientSampleId :

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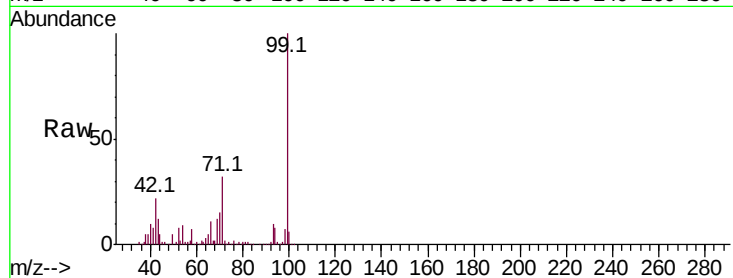
Tot Ion: 99 Resp: 1792468

Ion Ratio Lower Upper

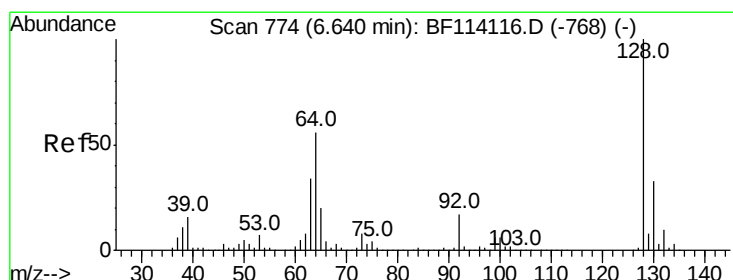
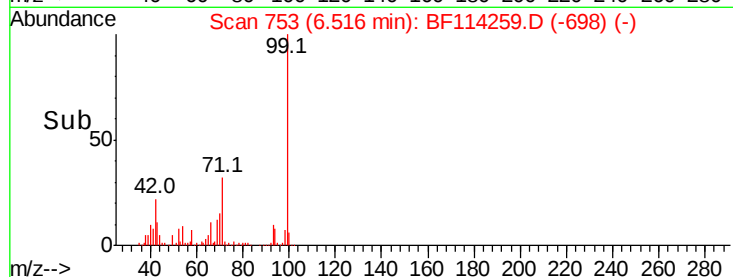
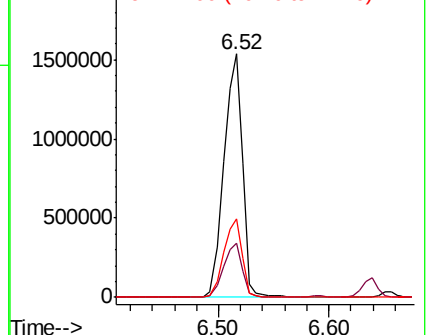
99 100

42 22.2 17.9 26.9

71 32.3 26.2 39.2



Abundance Ion 99.00 (98.70 to 99.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 33.488 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.02 min

Lab File: BF114259.D

Acq: 14 May 2019 17:59

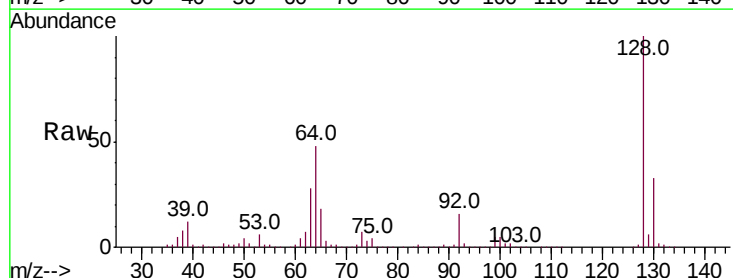
Tgt Ion: 128 Resp: 568456

Ion Ratio Lower Upper

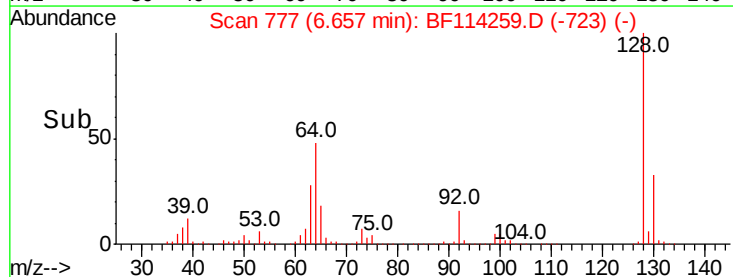
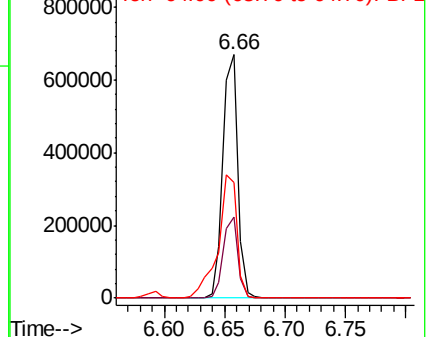
128 100

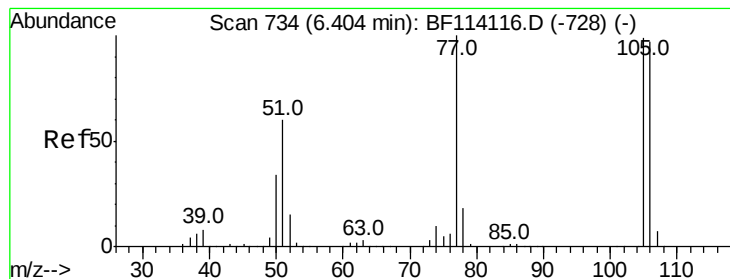
130 33.4 12.6 52.6

64 47.6 35.9 75.9



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





#9

Benzaldehyde

Concen: 19.738 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF114259.D

Acq: 14 May 2019 17:59

Instrument :

BNA\_F

ClientSampleId :

P026-SS002-1218-01MS

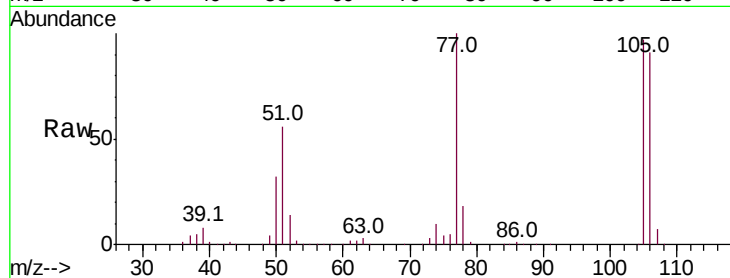
Tot Ion: 77 Resp: 259860

Ion Ratio Lower Upper

77 100

105 96.7 79.3 119.3

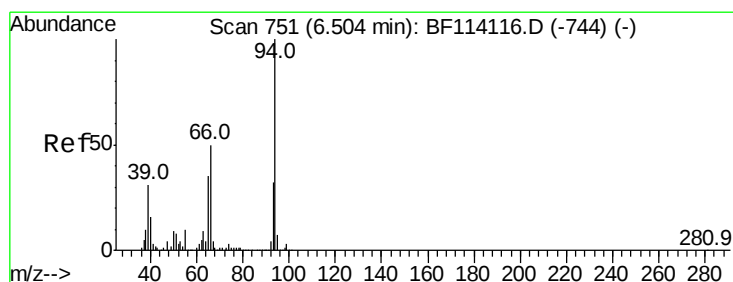
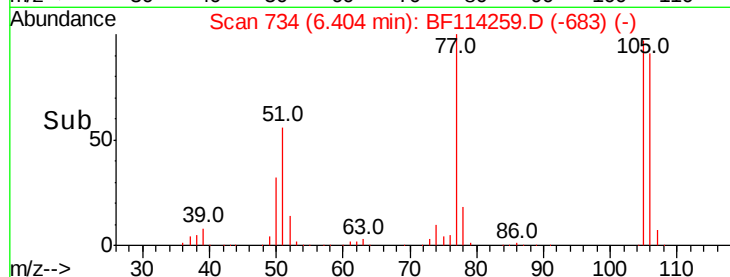
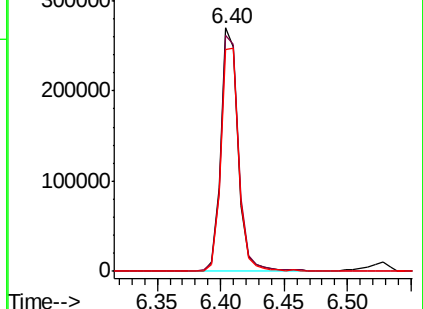
106 91.3 77.0 117.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 31.003 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.02 min

Lab File: BF114259.D

Acq: 14 May 2019 17:59

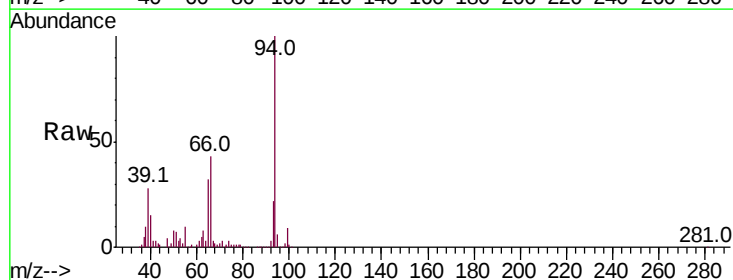
Tgt Ion: 94 Resp: 685872

Ion Ratio Lower Upper

94 100

65 31.8 14.7 54.7

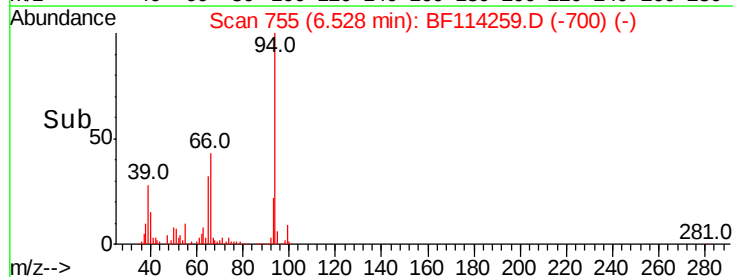
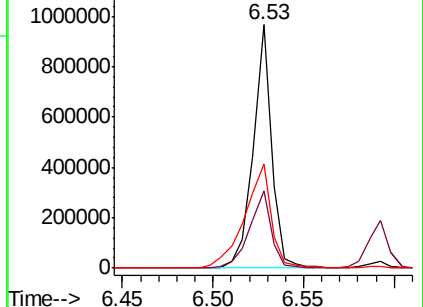
66 42.8 29.6 69.6

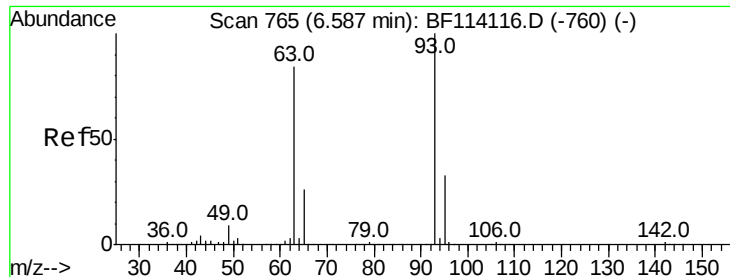


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

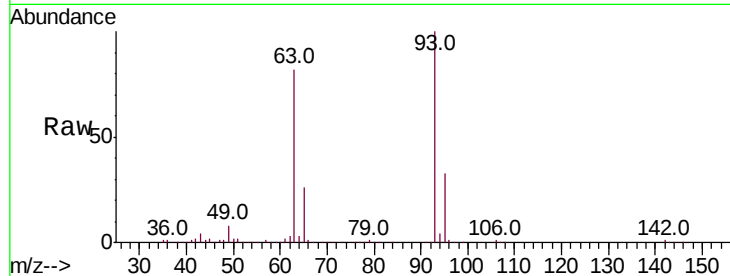




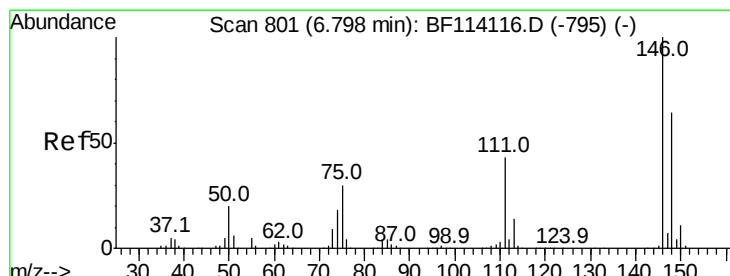
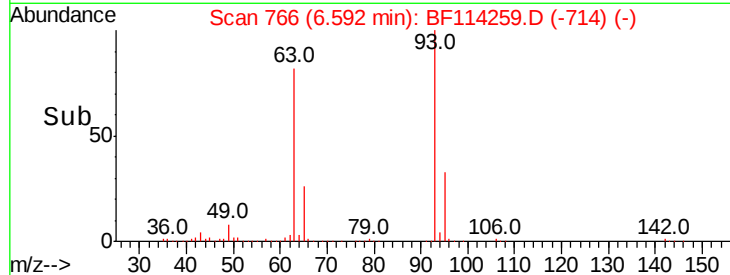
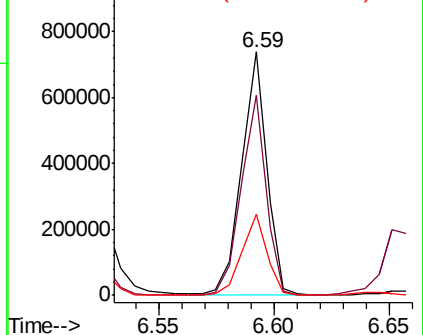
#11  
bis(2-Chloroethyl)ether  
Concen: 33.568 ng  
RT: 6.59 min Scan# 766  
Delta R.T. 0.01 min  
Lab File: BF114259.D  
Acq: 14 May 2019 17:59

Instrument :  
BNA\_F  
ClientSampleId :  
P026-SS002-1218-01MS

Tot Ion: 93 Resp: 563794  
Ion Ratio Lower Upper  
93 100  
63 82.4 63.6 103.6  
95 33.4 13.1 53.1

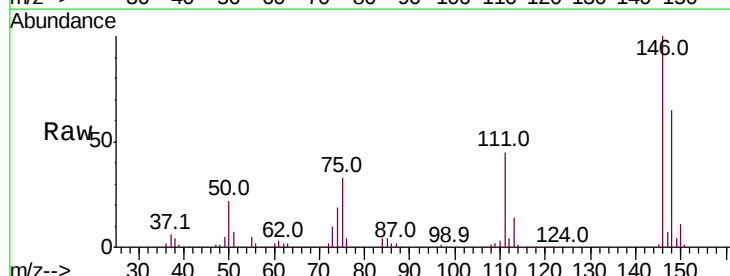


Abundance Ion 93.00 (92.70 to 93.70): BF1  
1000000 Ion 63.00 (62.70 to 63.70): BF1  
800000 Ion 95.00 (94.70 to 95.70): BF1

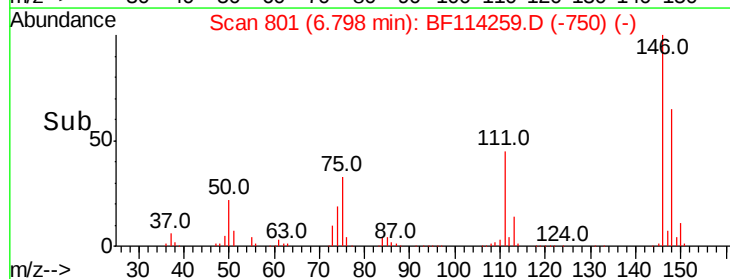
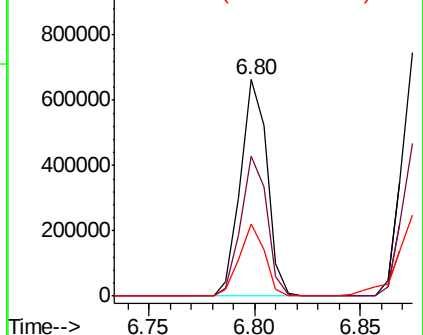


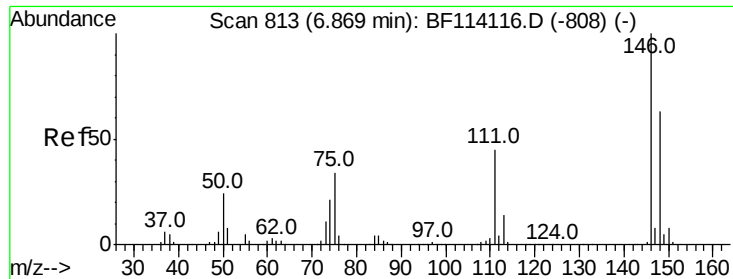
#12  
1,3-Dichlorobenzene  
Concen: 30.412 ng  
RT: 6.80 min Scan# 801  
Delta R.T. 0.00 min  
Lab File: BF114259.D  
Acq: 14 May 2019 17:59

Tgt Ion: 146 Resp: 579468  
Ion Ratio Lower Upper  
146 100  
148 64.8 51.6 77.4  
75 33.1 24.2 36.2



Abundance Ion 146.00 (145.70 to 146.70): E  
1000000 Ion 148.00 (147.70 to 148.70): E  
800000 Ion 75.00 (74.70 to 75.70): BF1

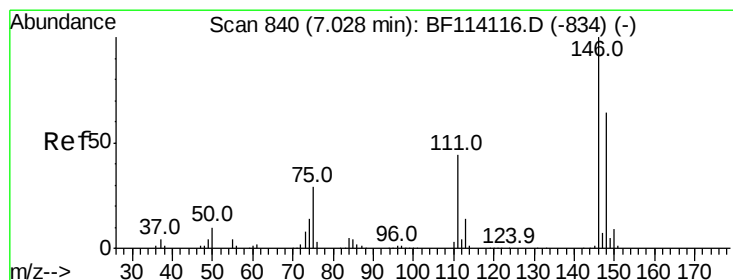
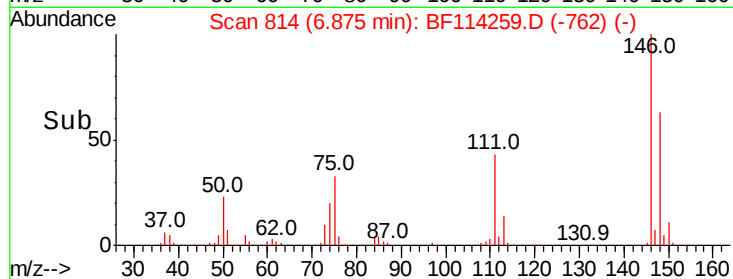
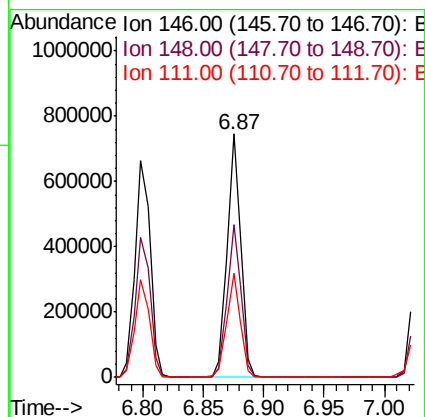
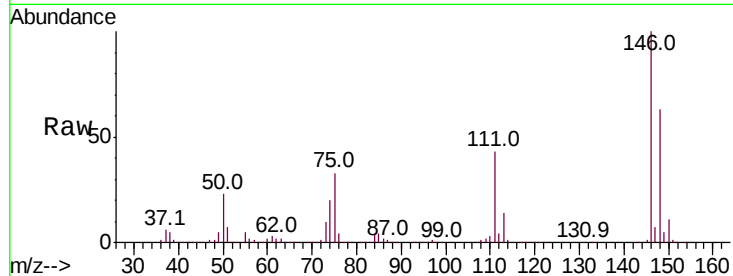




#13  
 1,4-Dichlorobenzene  
 Concen: 30.422 ng  
 RT: 6.87 min Scan# 814  
 Delta R.T. 0.01 min  
 Lab File: BF114259.D  
 Acq: 14 May 2019 17:59

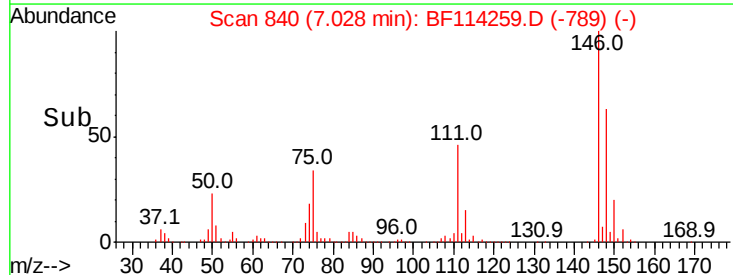
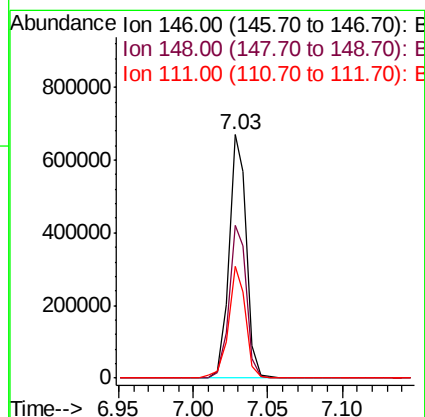
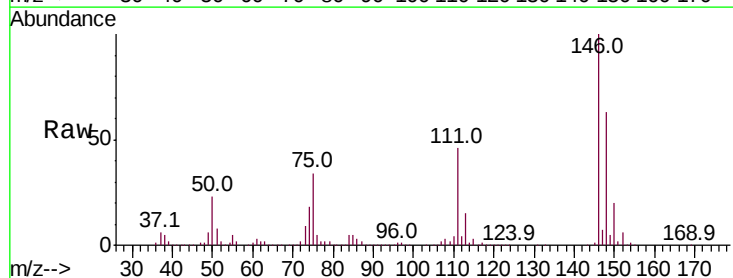
Instrument :  
 BNA\_F  
 ClientSampleId :  
 P026-SS002-1218-01MS

Tot Ion:146 Resp: 584117  
 Ion Ratio Lower Upper  
 146 100  
 148 62.8 50.2 75.2  
 111 42.6 35.8 53.6



#14  
 1,2-Dichlorobenzene  
 Concen: 31.514 ng  
 RT: 7.03 min Scan# 840  
 Delta R.T. 0.00 min  
 Lab File: BF114259.D  
 Acq: 14 May 2019 17:59

Tgt Ion:146 Resp: 552815  
 Ion Ratio Lower Upper  
 146 100  
 148 62.9 51.1 76.7  
 111 46.0 35.3 52.9





#15

Benzyl Alcohol

Concen: 32.198 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF114259.D

Acq: 14 May 2019 17:59

Instrument :

BNA\_F

ClientSampleId :

P026-SS002-1218-01MS

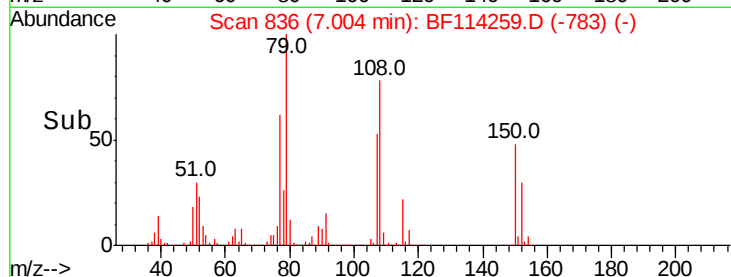
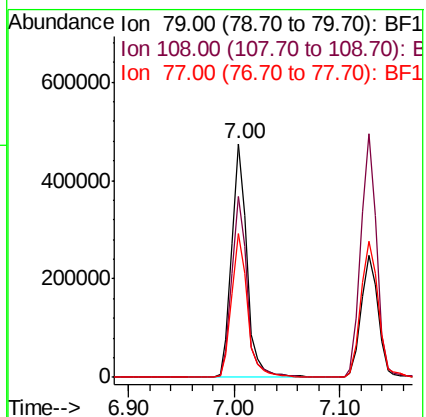
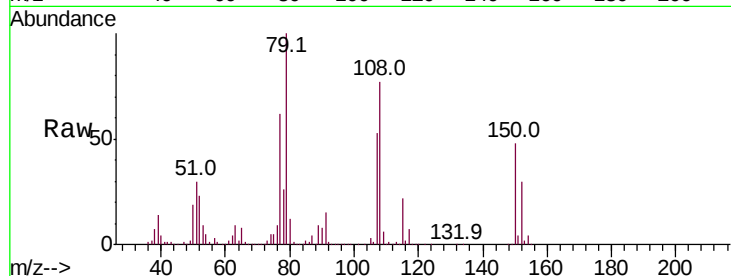
Tot Ion: 79 Resp: 472264

Ion Ratio Lower Upper

79 100

108 77.5 62.1 93.1

77 61.7 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.805 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF114259.D

Acq: 14 May 2019 17:59

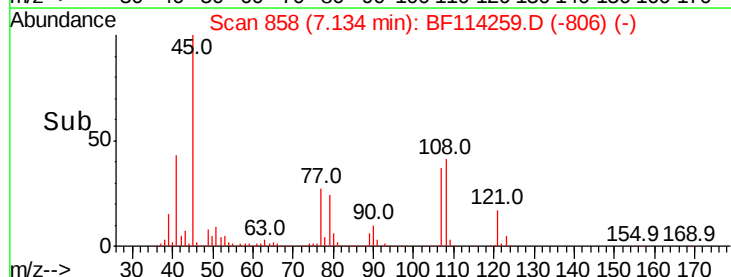
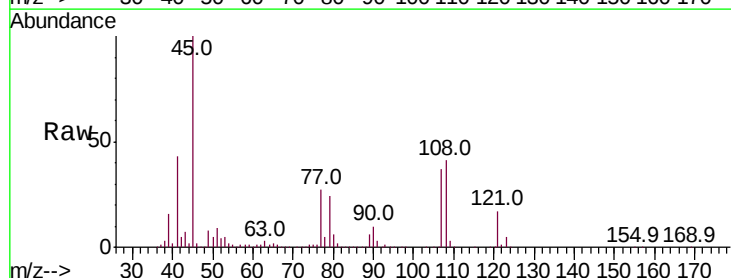
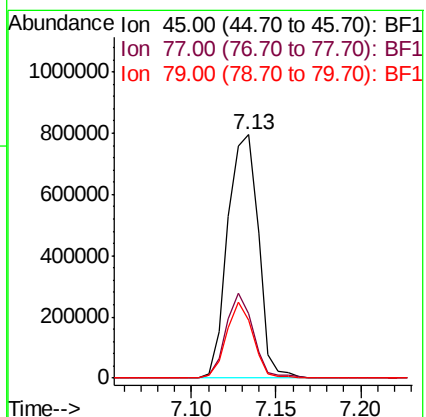
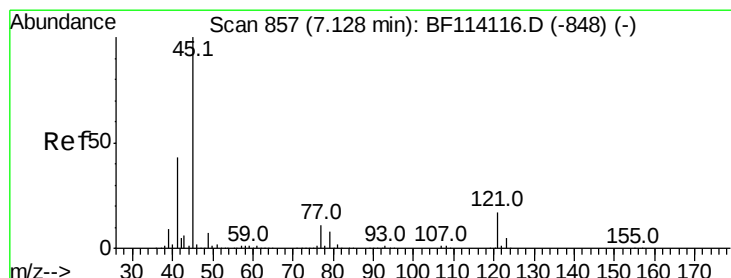
Tgt Ion: 45 Resp: 1003190

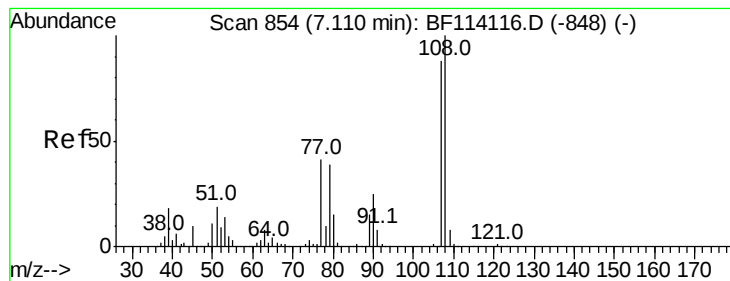
Ion Ratio Lower Upper

45 100

77 26.7 0.0 31.1

79 23.8 0.0 28.4





#17

2-Methylphenol

Concen: 31.645 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.02 min

Lab File: BF114259.D

Acq: 14 May 2019 17:59

Instrument :

BNA\_F

ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:107 Resp: 441256

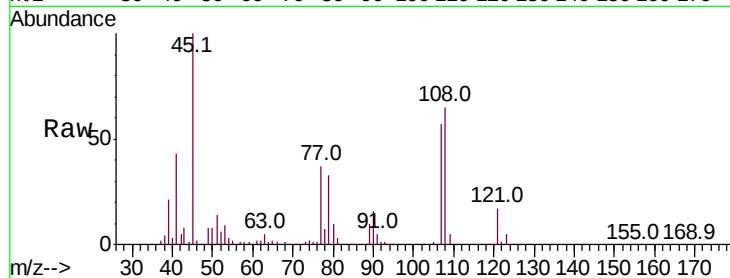
Ion Ratio Lower Upper

107 100

108 114.3 90.5 135.7

77 64.1 37.0 55.4#

79 57.1 35.8 53.8#

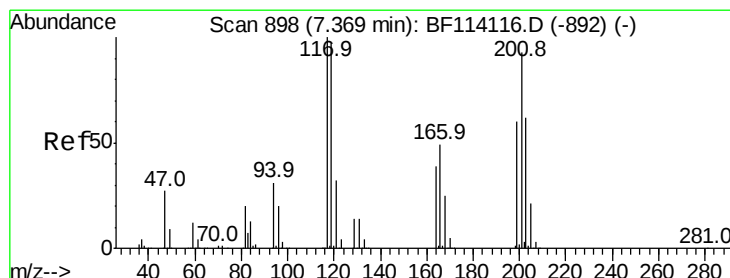
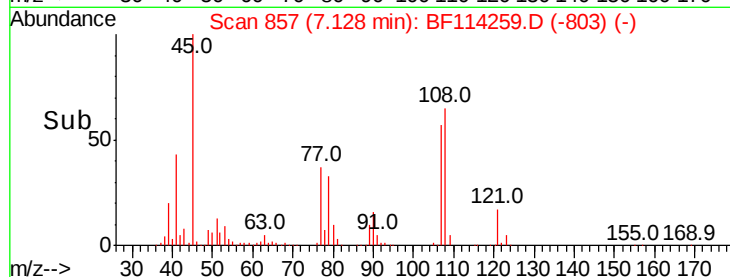
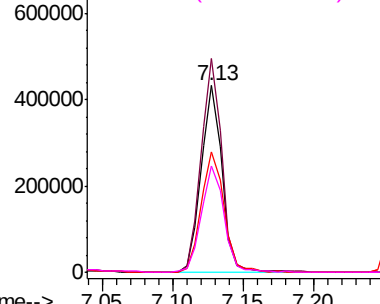


Abundance Ion 107.00 (106.70 to 107.70): E

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: 28.626 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF114259.D

Acq: 14 May 2019 17:59

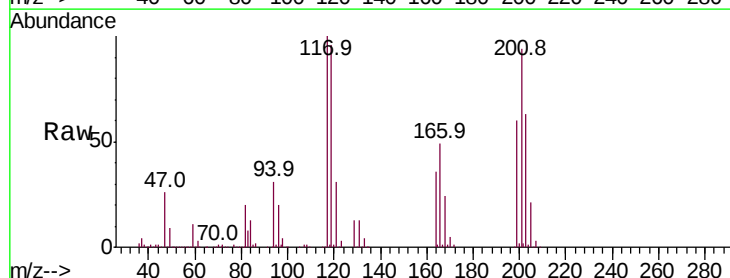
Tgt Ion:117 Resp: 206312

Ion Ratio Lower Upper

117 100

119 96.2 77.4 116.2

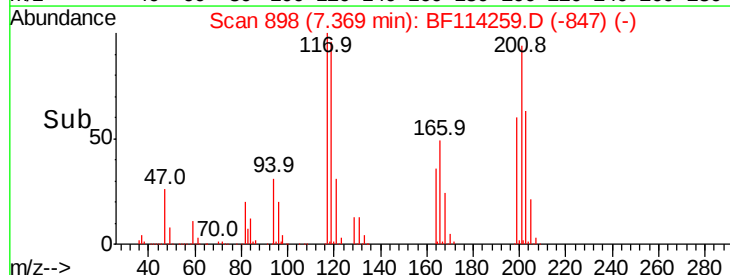
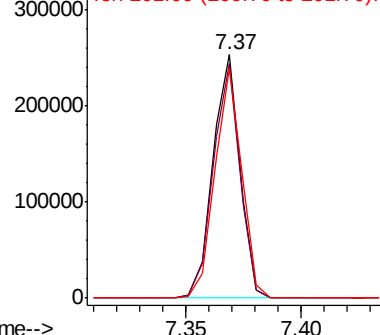
201 94.3 74.5 111.7

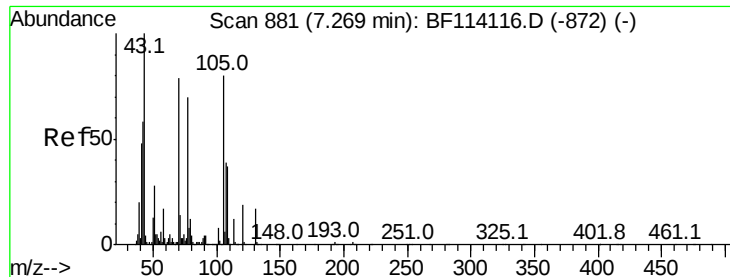


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

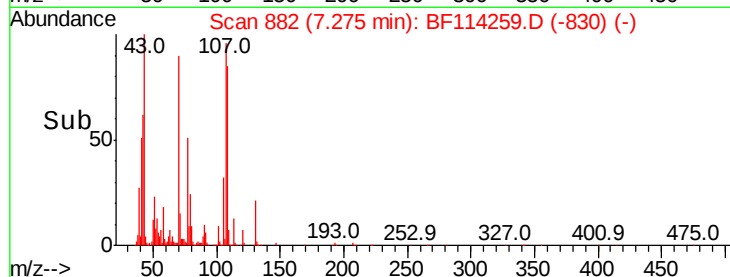
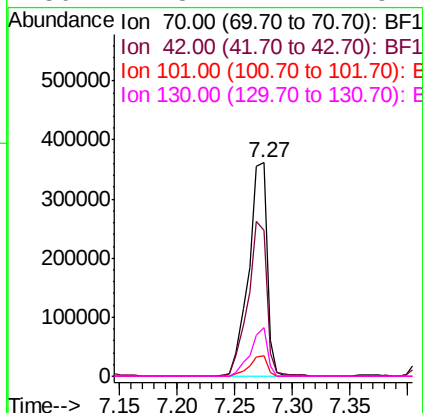
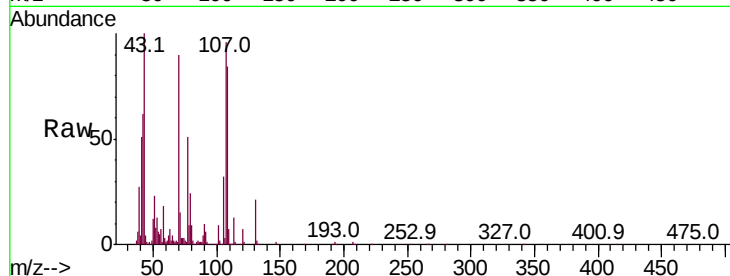




#19  
n-Nitroso-di-n-propylamine  
Concen: 33.814 ng  
RT: 7.27 min Scan# 882  
Delta R.T. 0.01 min  
Lab File: BF114259.D  
Acq: 14 May 2019 17:59

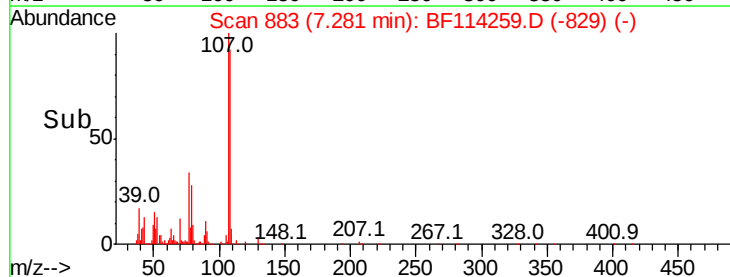
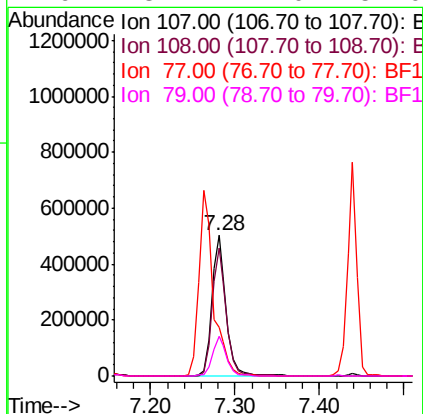
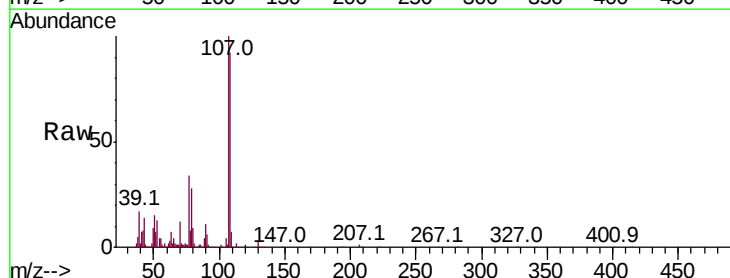
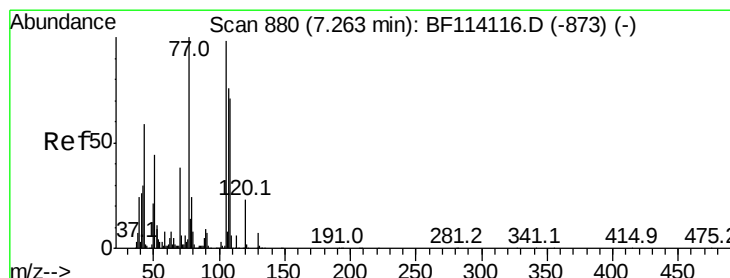
Instrument :  
BNA\_F  
ClientSampleId :  
P026-SS002-1218-01MS

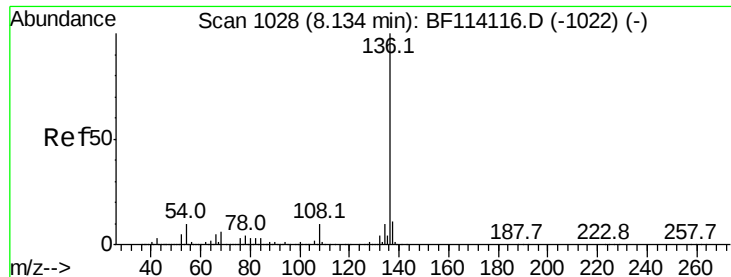
Tot Ion: 70 Resp: 403065  
Ion Ratio Lower Upper  
70 100  
42 68.6 58.6 87.8  
101 9.7 7.8 11.8  
130 22.8 17.1 25.7



#20  
3+4-Methylphenols  
Concen: 36.732 ng  
RT: 7.28 min Scan# 883  
Delta R.T. 0.02 min  
Lab File: BF114259.D  
Acq: 14 May 2019 17:59

Tgt Ion:107 Resp: 591773  
Ion Ratio Lower Upper  
107 100  
108 91.5 73.8 113.8  
77 34.3 111.5 151.5#  
79 28.2 12.0 52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.01 min

Lab File: BF114259.D

Acq: 14 May 2019 17:59

Instrument :

BNA\_F

ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:136 Resp: 973253

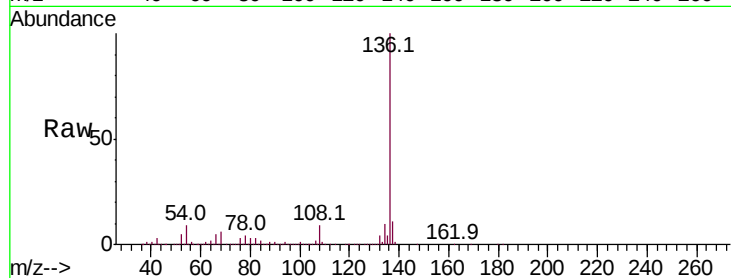
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 9.4 7.8 11.8

68 6.1 5.1 7.7

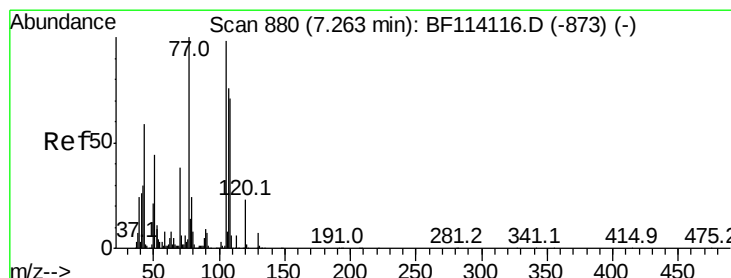
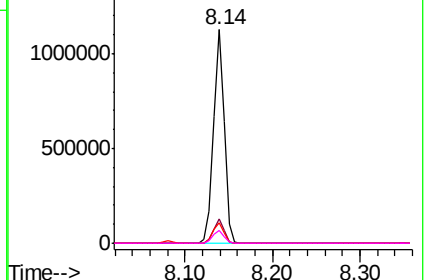
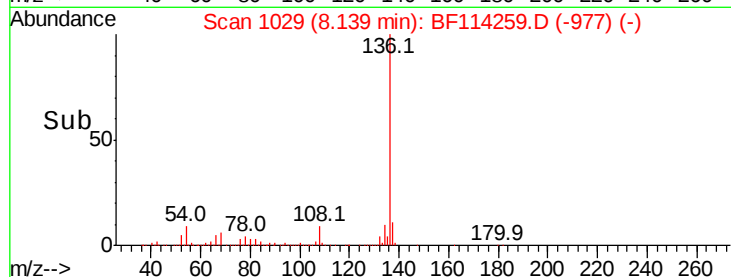


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.905 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF114259.D

Acq: 14 May 2019 17:59

Tgt Ion:105 Resp: 774145

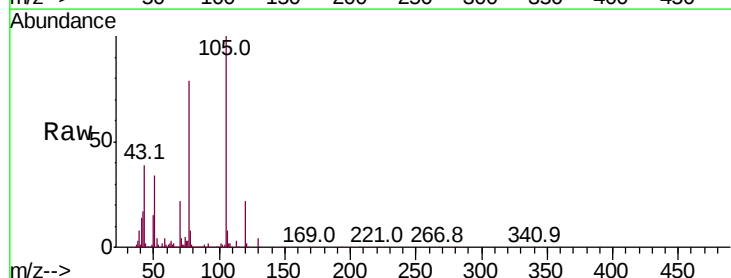
Ion Ratio Lower Upper

105 100

71 4.0 5.3 7.9#

51 33.6 36.2 54.4#

120 22.3 18.6 28.0

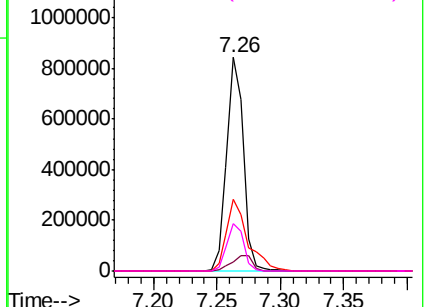
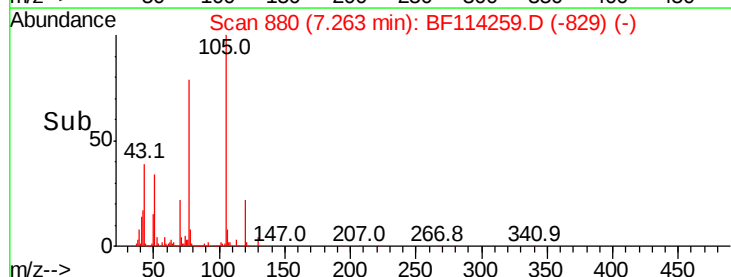


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



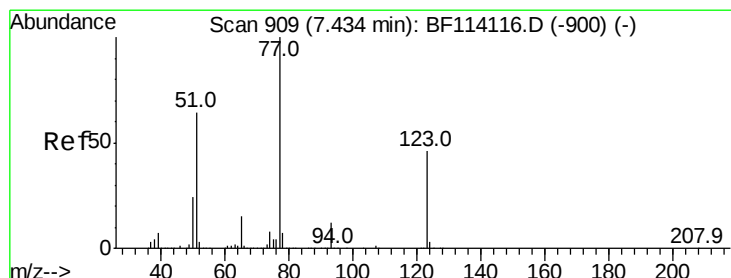
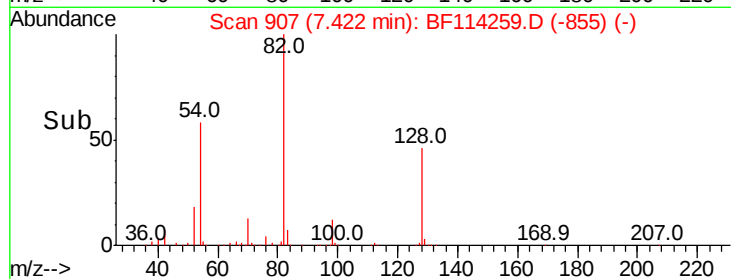
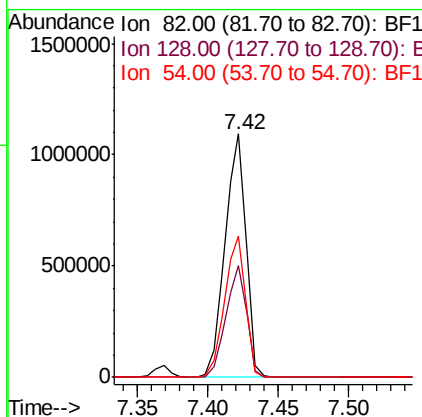
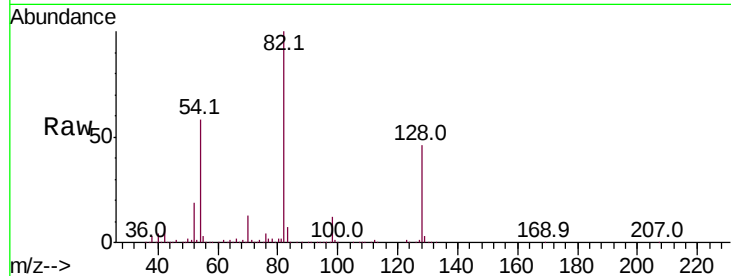


#23  
 Nitrobenzene-d5  
 Concen: 65.073 ng  
 RT: 7.42 min Scan# 907  
 Delta R.T. 0.01 min  
 Lab File: BF114259.D  
 Acq: 14 May 2019 17:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P026-SS002-1218-01MS

Tot Ion: 82 Resp: 1128524

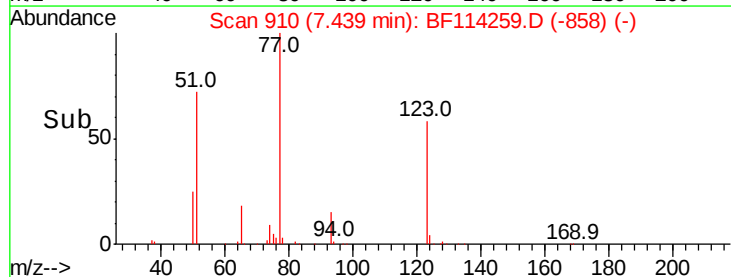
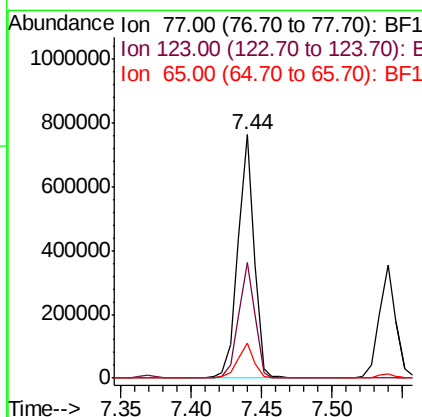
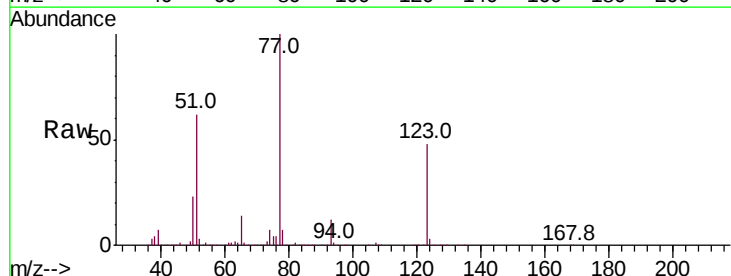
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 45.9  | 35.5  | 53.3  |
| 54  | 58.2  | 48.5  | 72.7  |

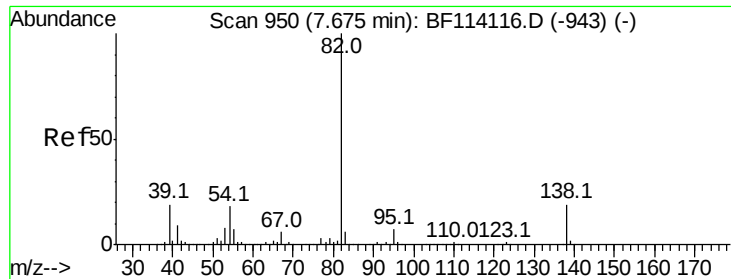


#24  
 Nitrobenzene  
 Concen: 34.594 ng  
 RT: 7.44 min Scan# 910  
 Delta R.T. 0.01 min  
 Lab File: BF114259.D  
 Acq: 14 May 2019 17:59

Tgt Ion: 77 Resp: 611040

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 47.6  | 36.9  | 55.3  |
| 65  | 14.2  | 11.8  | 17.6  |





#25

Isophorone

Concen: 33.785 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF114259.D

Acq: 14 May 2019 17:59

Instrument :

BNA\_F

ClientSampleId :

P026-SS002-1218-01MS

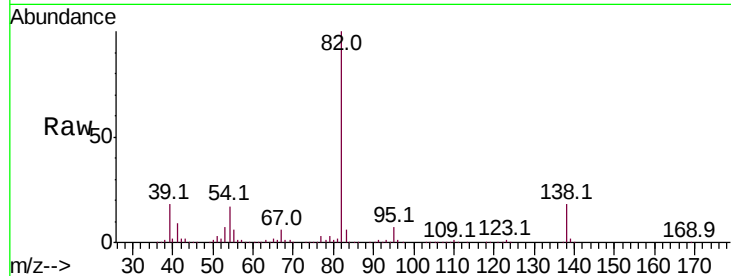
Tot Ion: 82 Resp: 1086637

Ion Ratio Lower Upper

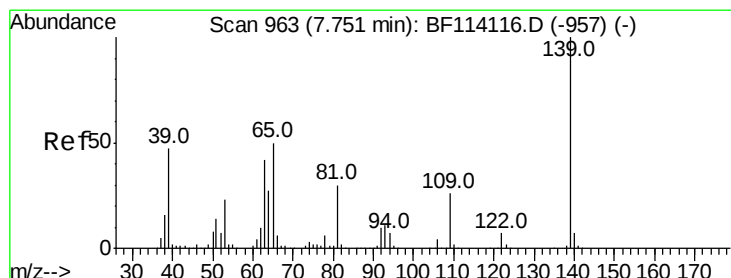
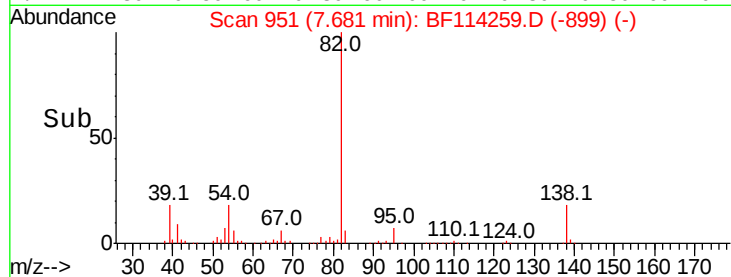
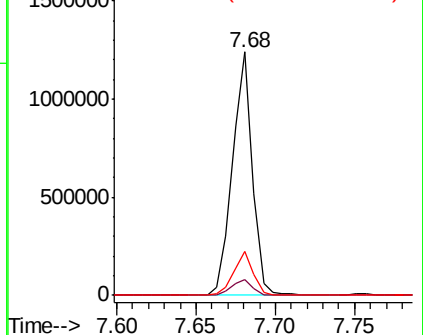
82 100

95 6.7 5.6 8.4

138 18.1 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: 36.084 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF114259.D

Acq: 14 May 2019 17:59

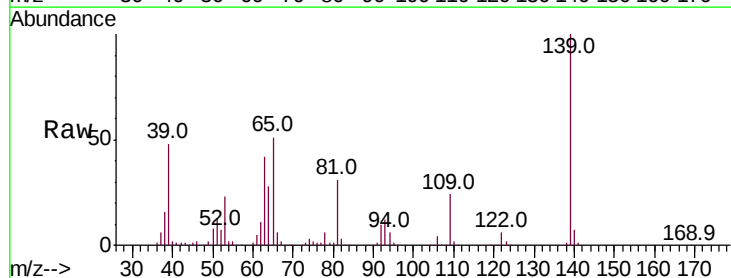
Tgt Ion: 139 Resp: 309229

Ion Ratio Lower Upper

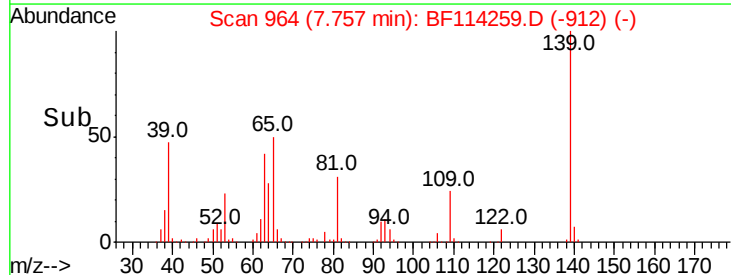
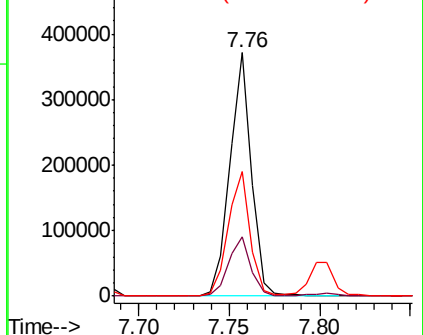
139 100

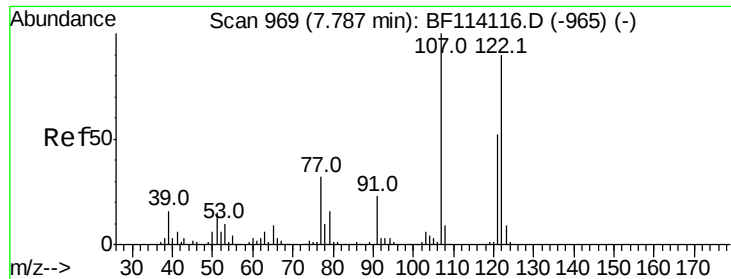
109 24.4 20.7 31.1

65 51.4 40.2 60.2



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: 36.326 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.02 min

Lab File: BF114259.D

Acq: 14 May 2019 17:59

Instrument :

BNA\_F

ClientSampleId :

P026-SS002-1218-01MS

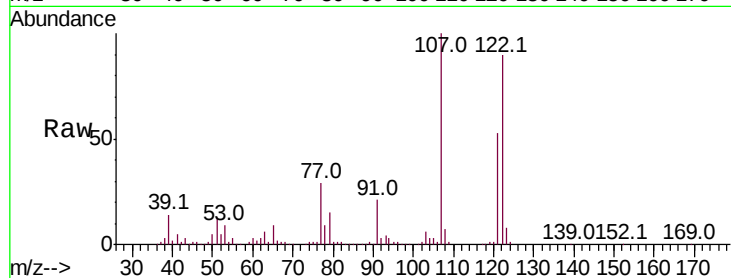
Tot Ion:122 Resp: 488921

Ion Ratio Lower Upper

122 100

107 111.5 88.4 132.6

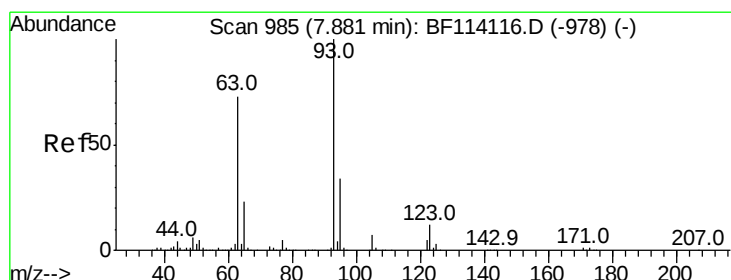
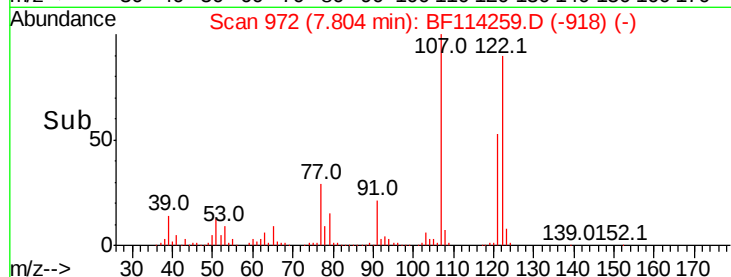
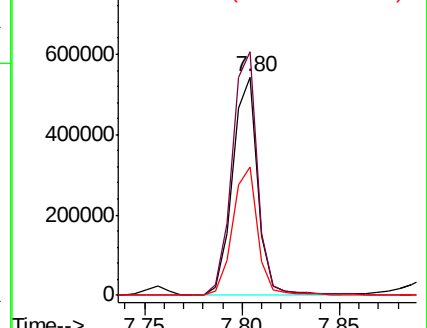
121 58.7 45.9 68.9



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: 33.525 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.01 min

Lab File: BF114259.D

Acq: 14 May 2019 17:59

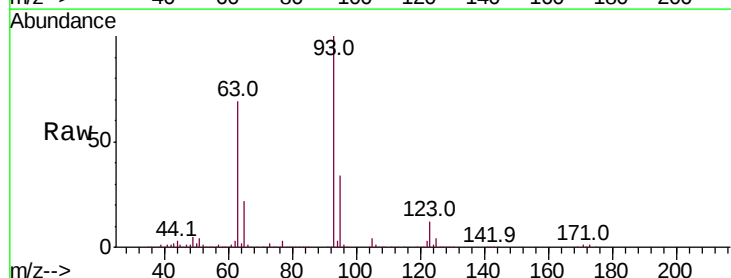
Tgt Ion: 93 Resp: 699624

Ion Ratio Lower Upper

93 100

95 33.8 26.8 40.2

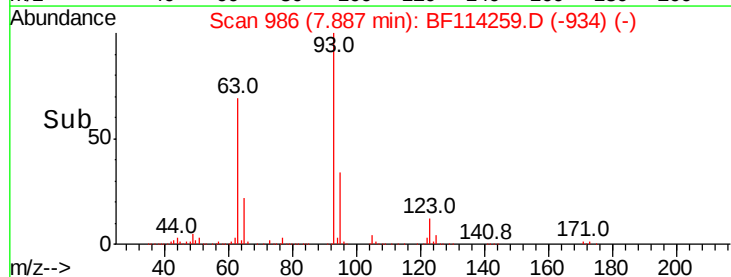
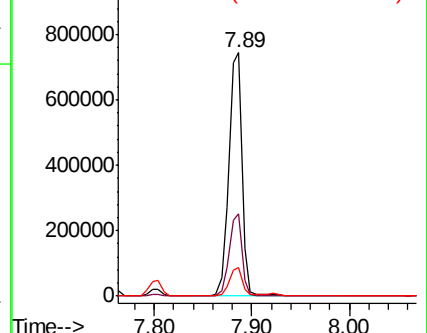
123 12.0 9.5 14.3

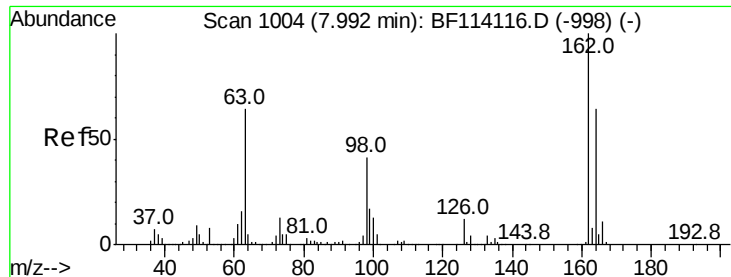


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

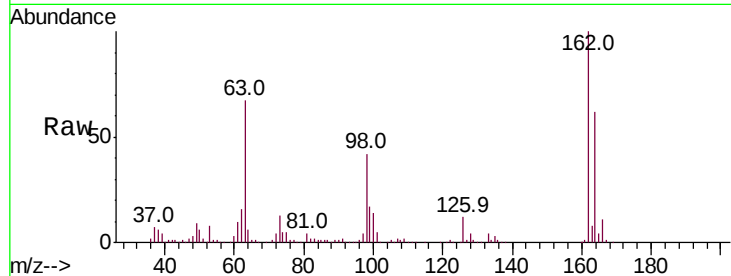




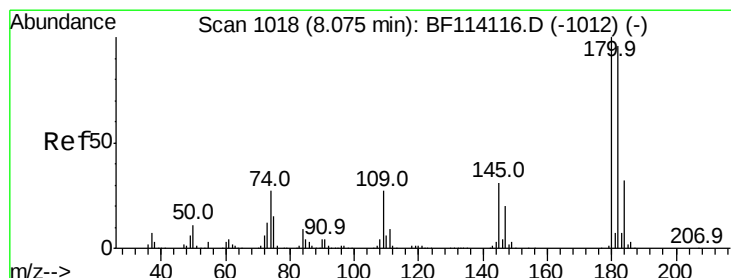
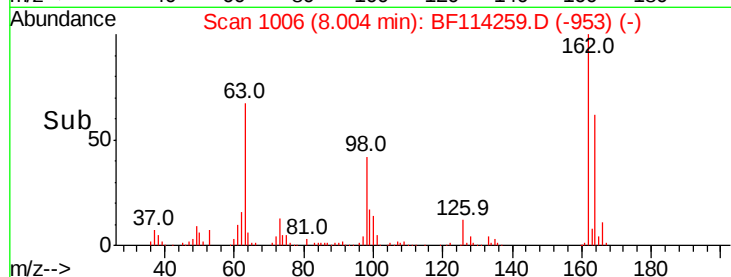
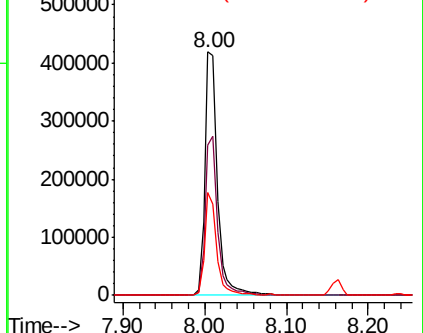
#29  
2,4-Dichlorophenol  
Concen: 33.833 ng  
RT: 8.00 min Scan# 1006  
Delta R.T. 0.01 min  
Lab File: BF114259.D  
Acq: 14 May 2019 17:59

Instrument :  
BNA\_F  
ClientSampleId :  
P026-SS002-1218-01MS

Tot Ion:162 Resp: 453435  
Ion Ratio Lower Upper  
162 100  
164 61.9 43.6 83.6  
98 42.1 20.6 60.6

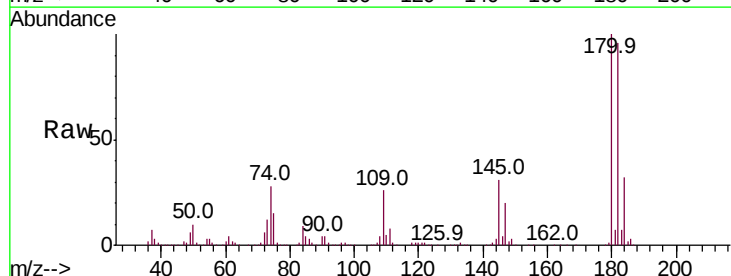


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

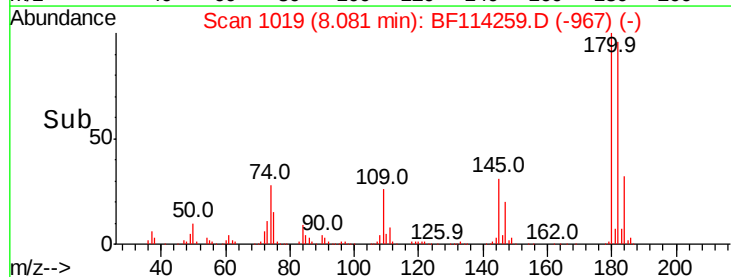
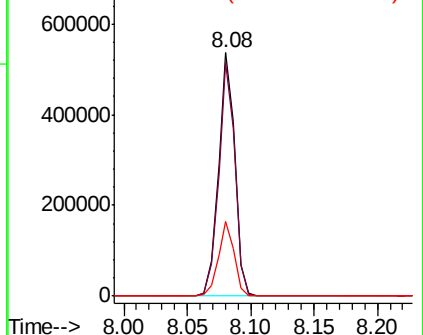


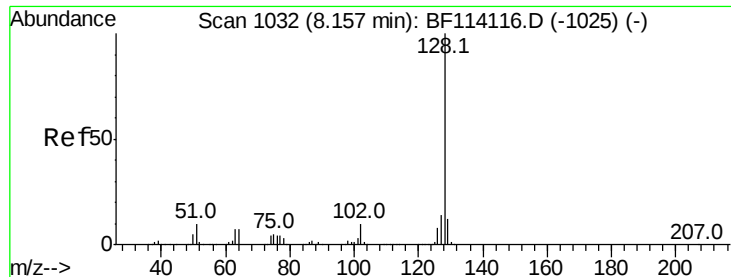
#30  
1,2,4-Trichlorobenzene  
Concen: 32.003 ng  
RT: 8.08 min Scan# 1019  
Delta R.T. 0.01 min  
Lab File: BF114259.D  
Acq: 14 May 2019 17:59

Tgt Ion:180 Resp: 487730  
Ion Ratio Lower Upper  
180 100  
182 95.9 76.6 114.8  
145 30.7 25.1 37.7



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

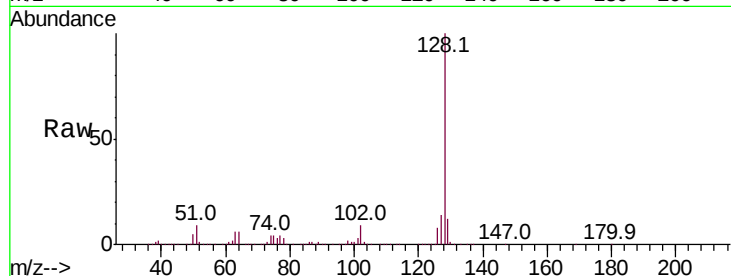




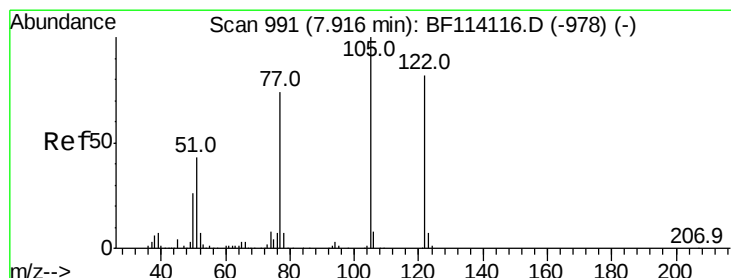
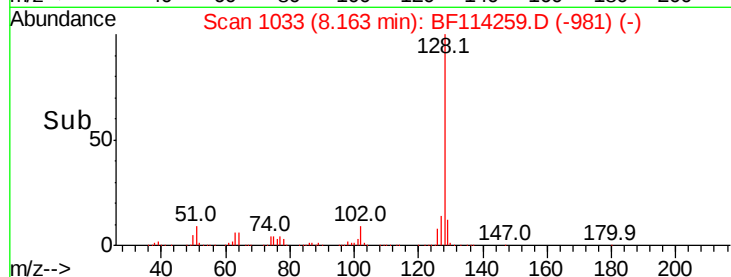
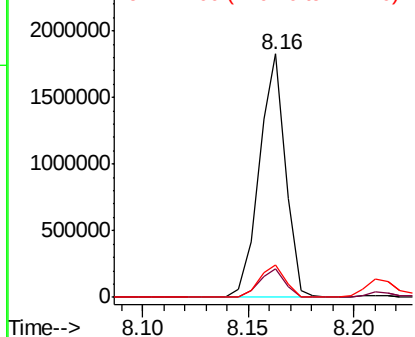
#31  
Naphthalene  
Concen: 34.579 ng  
RT: 8.16 min Scan# 1033  
Delta R.T. 0.01 min  
Lab File: BF114259.D  
Acq: 14 May 2019 17:59

Instrument :  
BNA\_F  
ClientSampleId :  
P026-SS002-1218-01MS

Tot Ion:128 Resp: 1572048  
Ion Ratio Lower Upper  
128 100  
129 11.5 9.6 14.4  
127 13.6 11.3 16.9

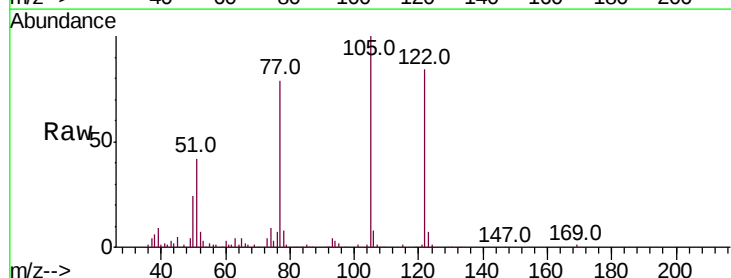


Abundance Ion 128.00 (127.70 to 128.70): E  
2500000 Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

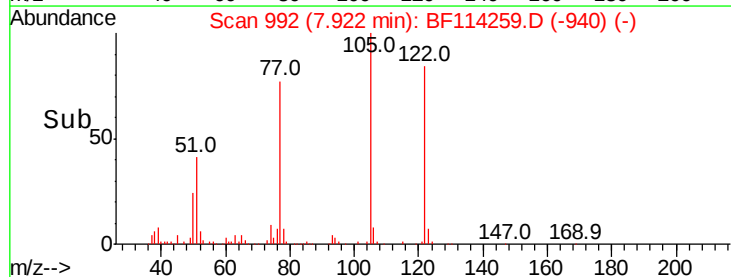
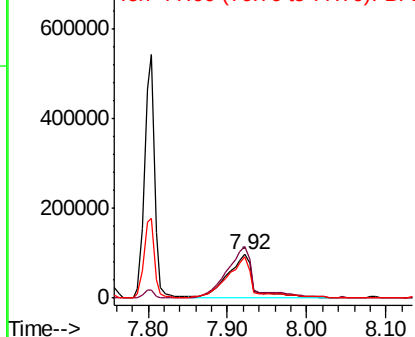


#32  
Benzoic acid  
Concen: 26.972 ng  
RT: 7.92 min Scan# 992  
Delta R.T. 0.01 min  
Lab File: BF114259.D  
Acq: 14 May 2019 17:59

Tgt Ion:122 Resp: 224276  
Ion Ratio Lower Upper  
122 100  
105 119.0 99.9 139.9  
77 94.2 69.4 109.4



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF1

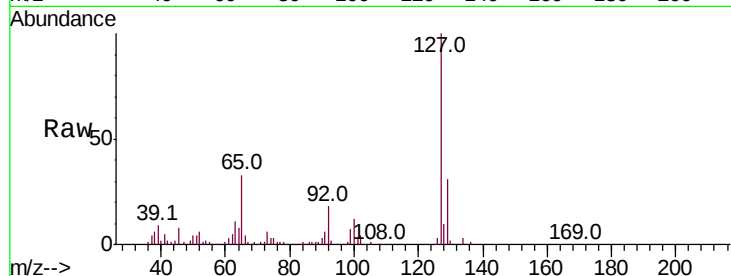




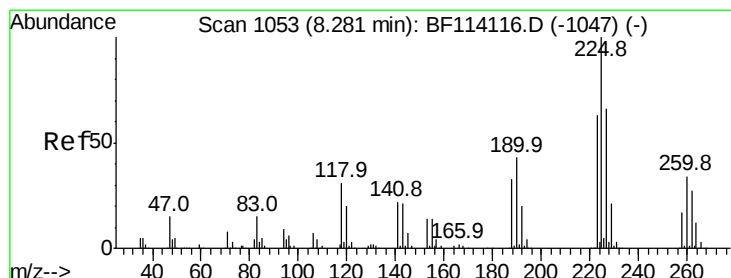
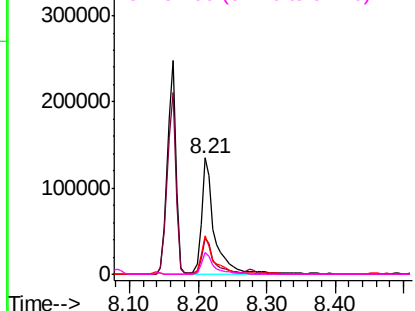
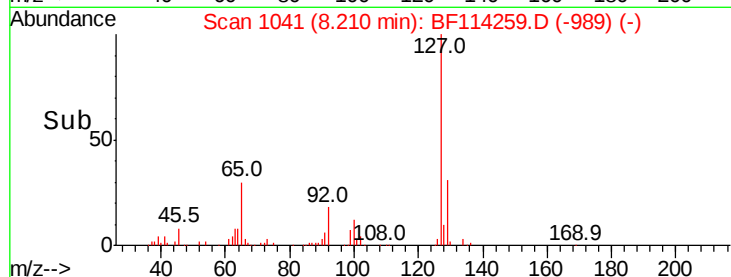
#33  
4-Chloroaniline  
Concen: 8.621 ng  
RT: 8.21 min Scan# 1041  
Delta R.T. 0.01 min  
Lab File: BF114259.D  
Acq: 14 May 2019 17:59

Instrument :  
BNA\_F  
ClientSampleId :  
P026-SS002-1218-01MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 178607 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.3  | 26.7  | 40.1   |
| 65       | 32.7  | 25.4  | 38.0   |
| 92       | 18.4  | 15.4  | 23.2   |

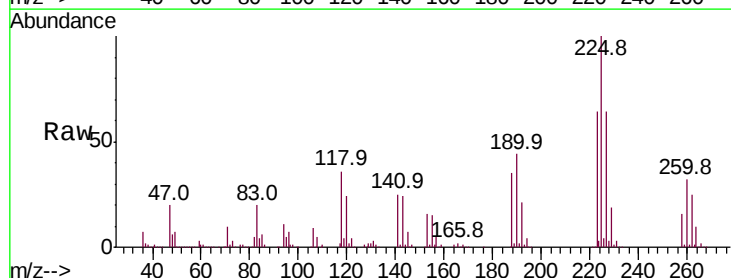


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

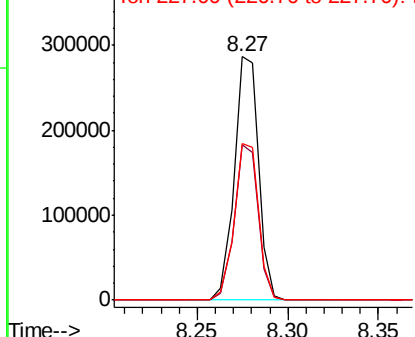
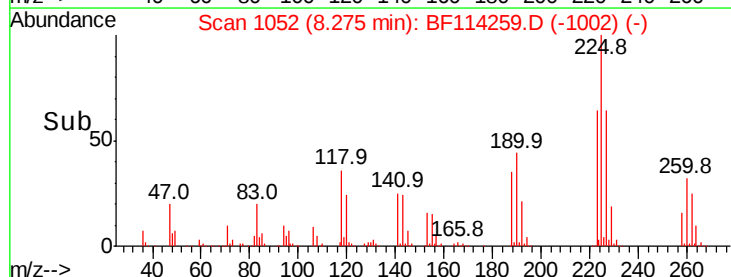


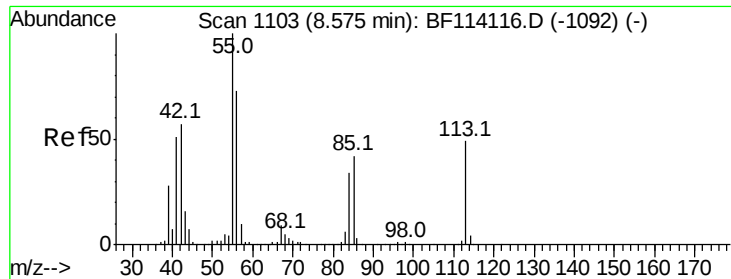
#34  
Hexachlorobutadiene  
Concen: 30.772 ng  
RT: 8.27 min Scan# 1052  
Delta R.T. -0.01 min  
Lab File: BF114259.D  
Acq: 14 May 2019 17:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 266836 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.8  | 50.2  | 75.2   |
| 227      | 64.2  | 52.6  | 79.0   |



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

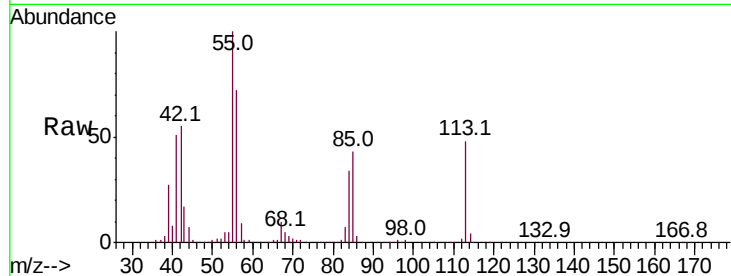




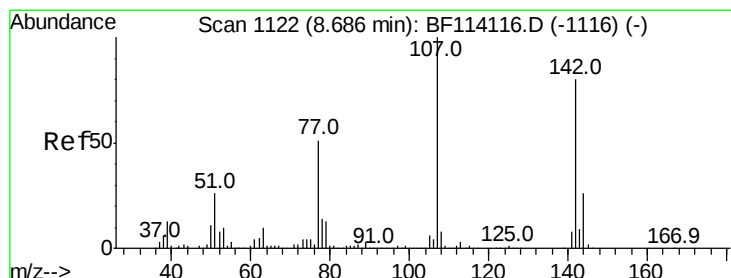
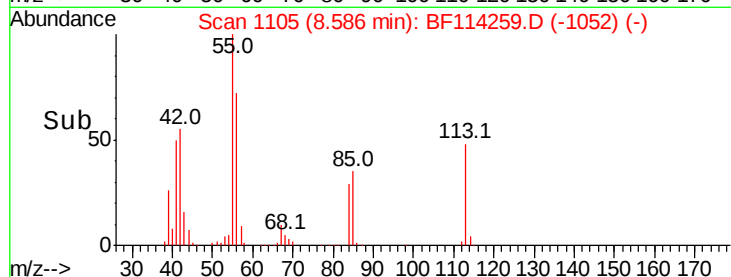
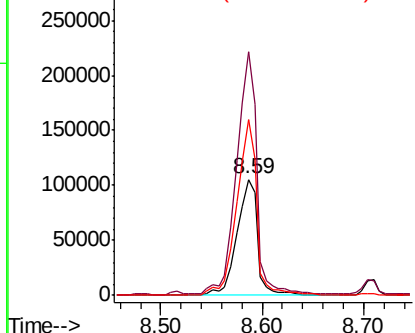
#35  
Caprolactam  
Concen: 33.978 ng  
RT: 8.59 min Scan# 1105  
Delta R.T. 0.01 min  
Lab File: BF114259.D  
Acq: 14 May 2019 17:59

Instrument :  
BNA\_F  
ClientSampleId :  
P026-SS002-1218-01MS

Tot Ion:113 Resp: 148487  
Ion Ratio Lower Upper  
113 100  
55 210.4 183.5 223.5  
56 151.5 128.8 168.8

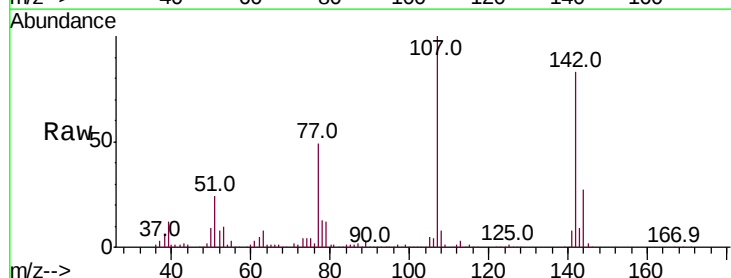


Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BF1  
Ion 56.00 (55.70 to 56.70): BF1

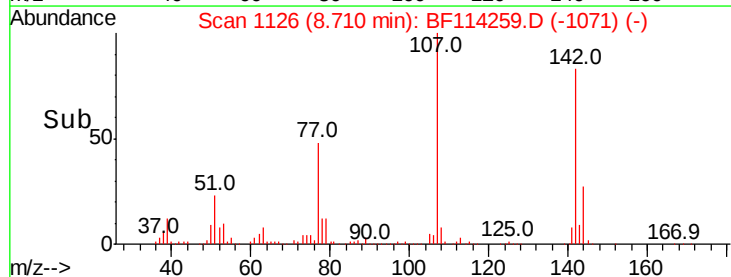
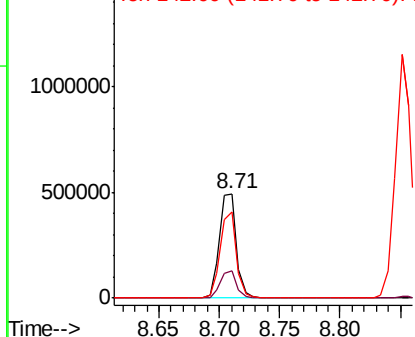


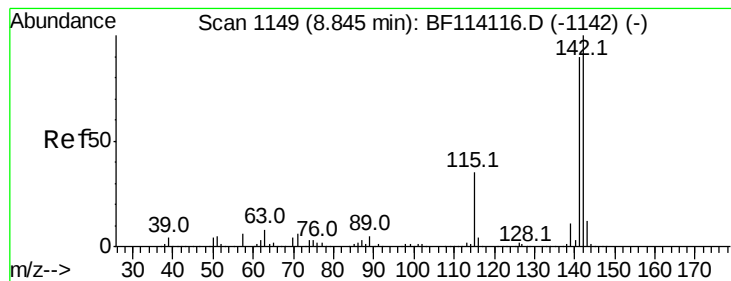
#36  
4-Chloro-3-methylphenol  
Concen: 35.412 ng  
RT: 8.71 min Scan# 1126  
Delta R.T. 0.02 min  
Lab File: BF114259.D  
Acq: 14 May 2019 17:59

Tgt Ion:107 Resp: 477725  
Ion Ratio Lower Upper  
107 100  
144 26.6 20.4 30.6  
142 83.1 64.2 96.4



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: 35.605 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BF114259.D

Acq: 14 May 2019 17:59

Instrument :

BNA\_F

ClientSampleId :

P026-SS002-1218-01MS

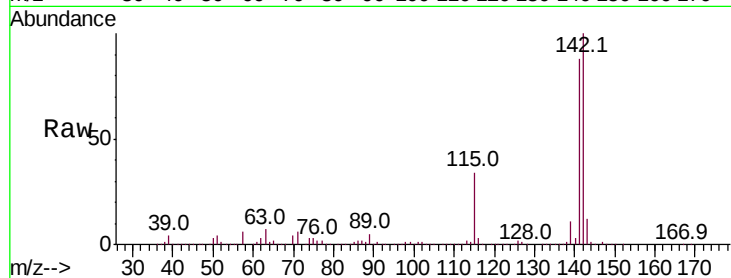
Tot Ion:142 Resp: 1044374

Ion Ratio Lower Upper

142 100

141 87.6 72.1 108.1

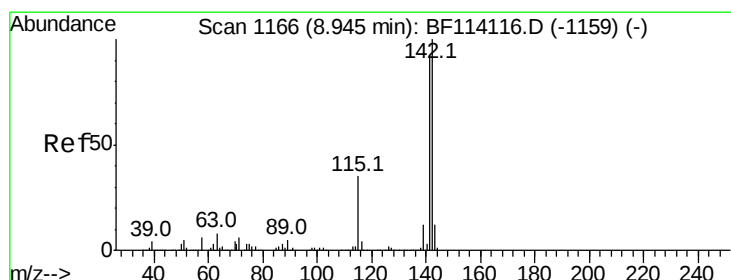
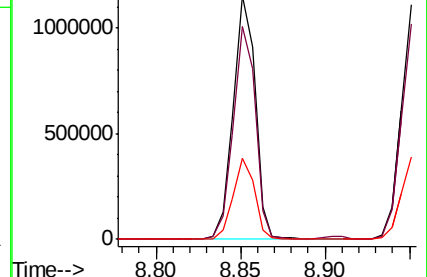
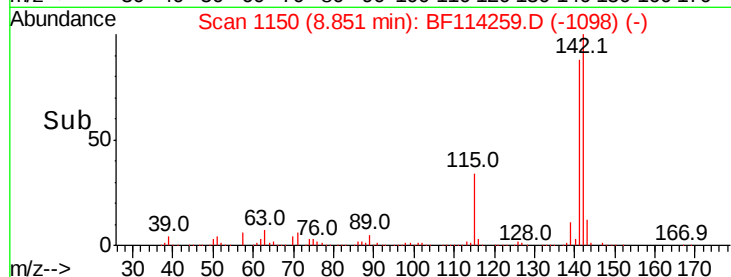
115 33.5 28.0 42.0



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: 35.448 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.01 min

Lab File: BF114259.D

Acq: 14 May 2019 17:59

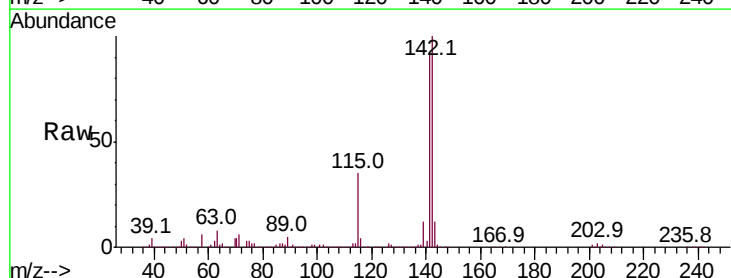
Tgt Ion:142 Resp: 979166

Ion Ratio Lower Upper

142 100

141 91.7 73.4 110.0

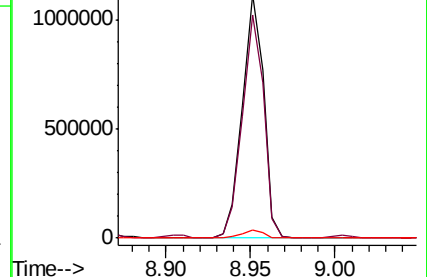
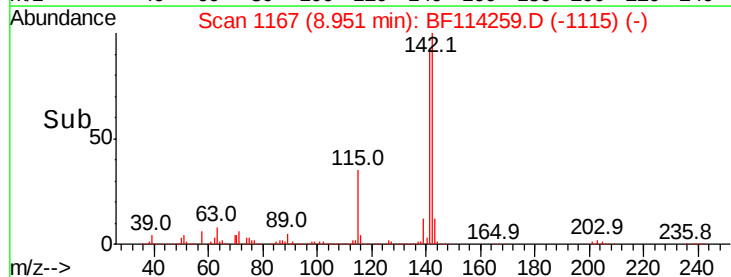
116 3.6 3.1 4.7

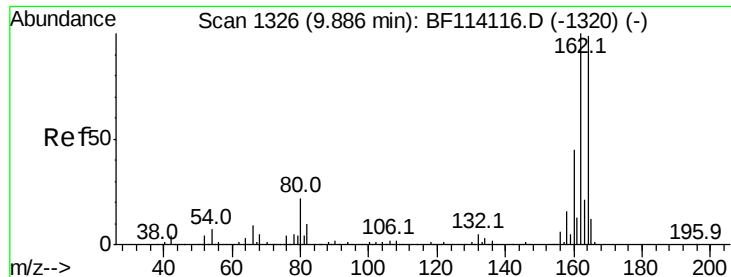


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

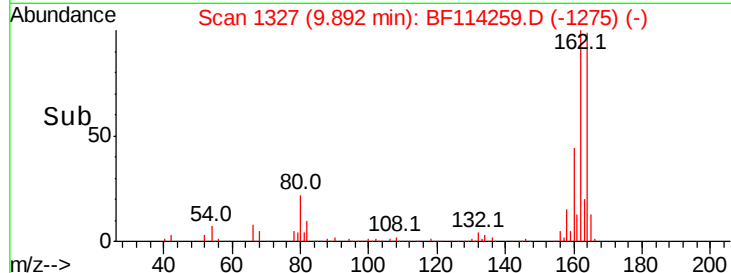
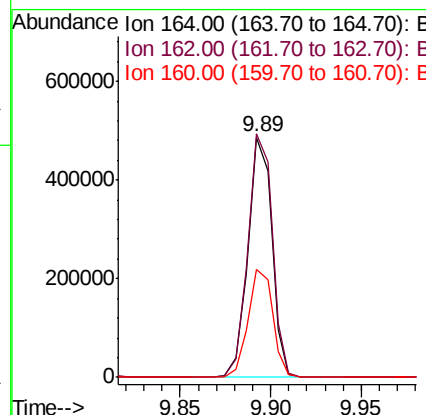
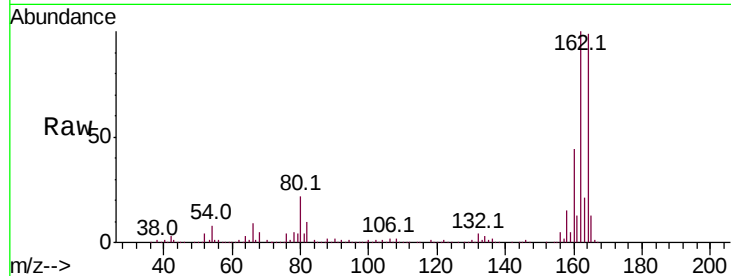




#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.89 min Scan# 1327  
 Delta R.T. 0.01 min  
 Lab File: BF114259.D  
 Acq: 14 May 2019 17:59

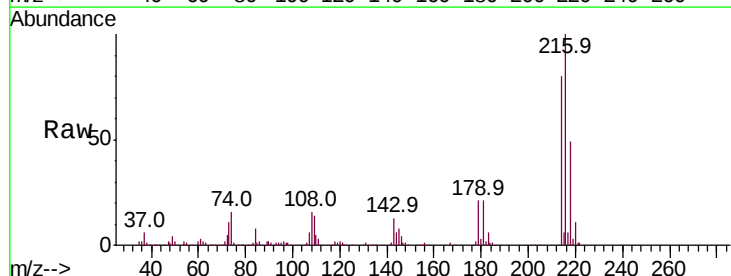
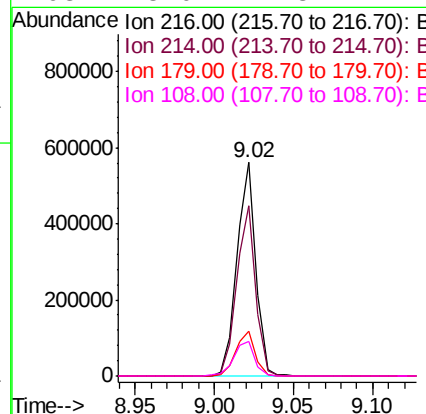
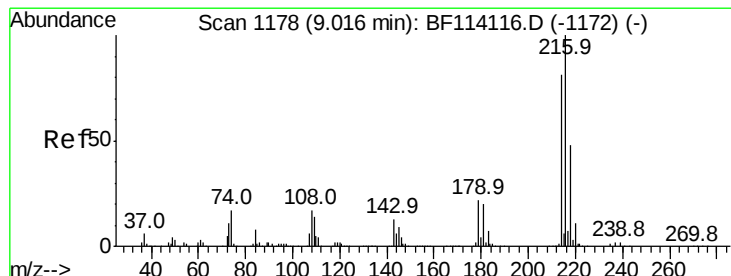
Instrument :  
 BNA\_F  
 ClientSampleId :  
 P026-SS002-1218-01MS

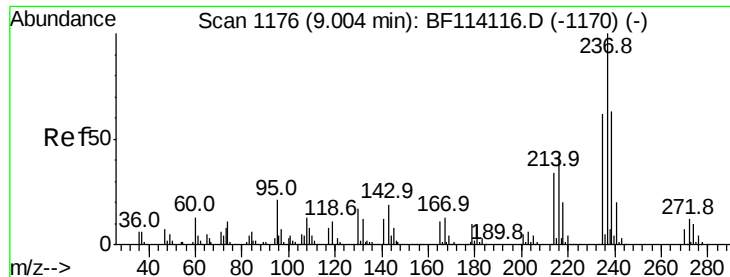
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.3 | 80.6  | 120.8 |
| 160     | 45.1  | 36.5  | 54.7  |



#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 34.190 ng  
 RT: 9.02 min Scan# 1179  
 Delta R.T. 0.01 min  
 Lab File: BF114259.D  
 Acq: 14 May 2019 17:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.6  | 63.9  | 95.9  |
| 179     | 21.2  | 17.0  | 25.6  |
| 108     | 18.0  | 14.8  | 22.2  |





#41

Hexachlorocyclopentadiene

Concen: 15.110 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF114259.D

Acq: 14 May 2019 17:59

Instrument :

BNA\_F

ClientSampleId :

P026-SS002-1218-01MS

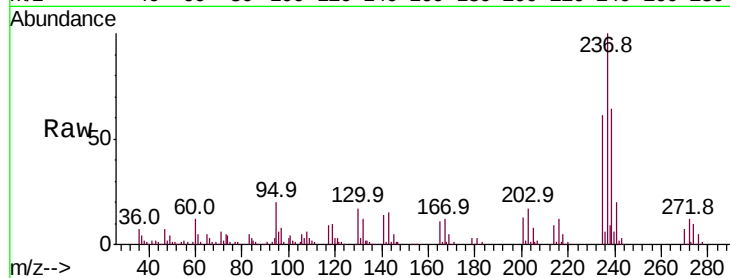
Tot Ion:237 Resp: 71861

Ion Ratio Lower Upper

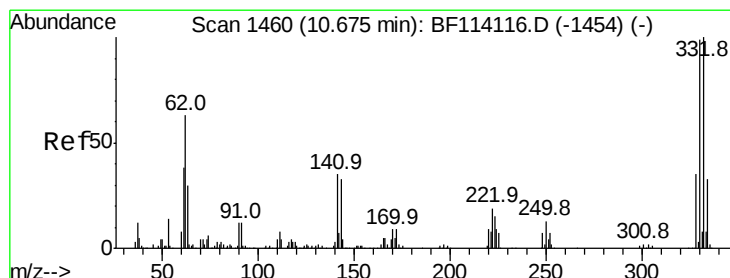
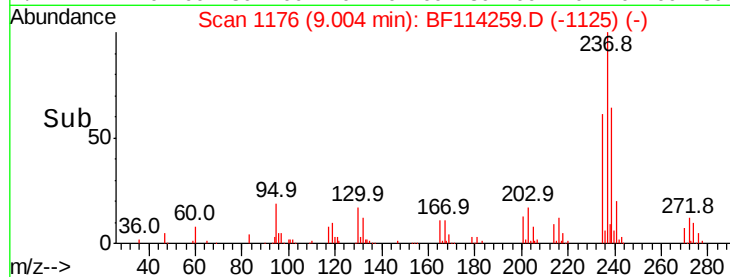
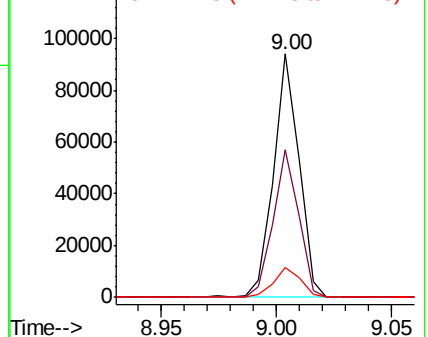
237 100

235 60.6 42.0 82.0

272 12.3 0.0 32.4



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



#42

2,4,6-Tribromophenol

Concen: 78.608 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.01 min

Lab File: BF114259.D

Acq: 14 May 2019 17:59

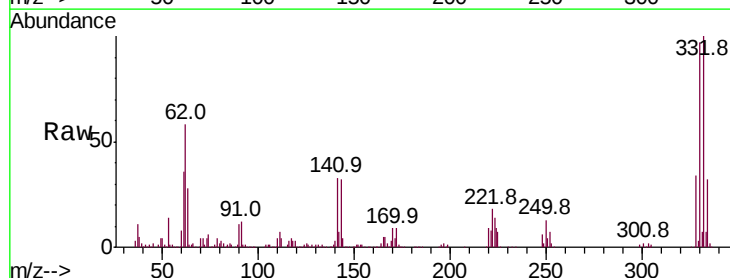
Tgt Ion:330 Resp: 362907

Ion Ratio Lower Upper

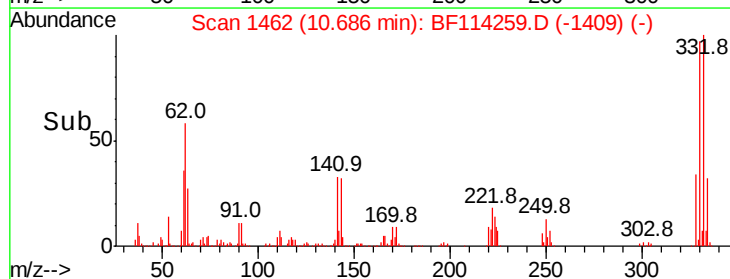
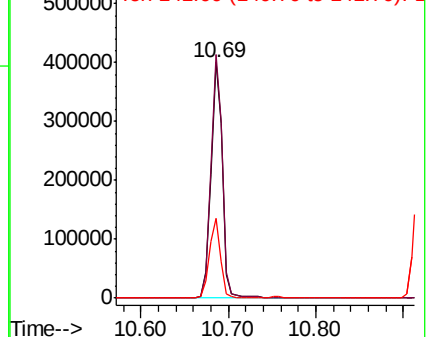
330 100

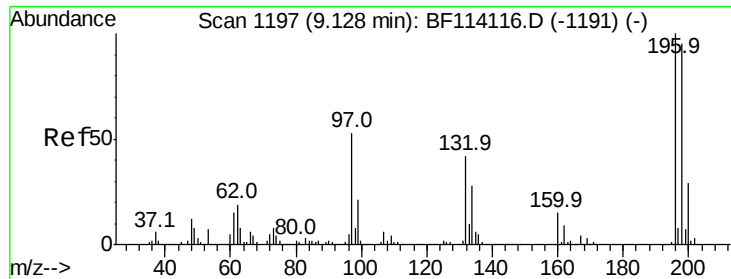
332 102.7 81.4 122.2

141 33.3 26.6 40.0



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

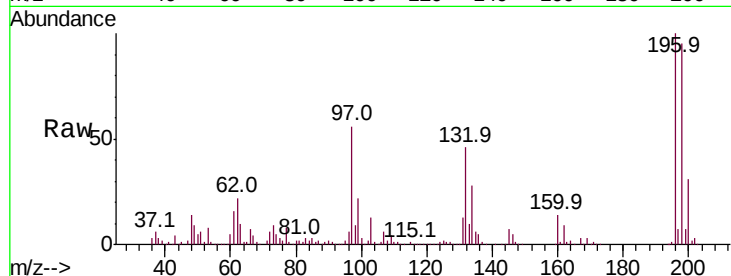




#43  
 2,4,6-Trichlorophenol  
 Concen: 33.417 ng  
 RT: 9.14 min Scan# 1199  
 Delta R.T. 0.01 min  
 Lab File: BF114259.D  
 Acq: 14 May 2019 17:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P026-SS002-1218-01MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.4  | 75.9  | 113.9 |
| 200     | 30.9  | 23.5  | 35.3  |

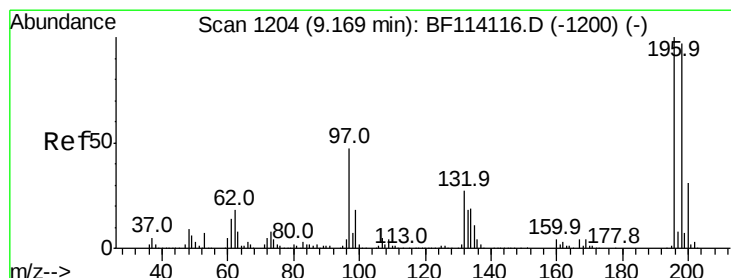
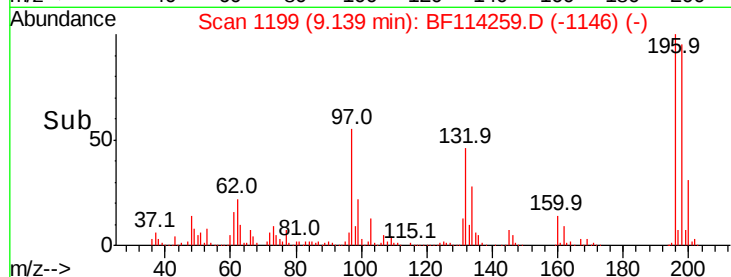
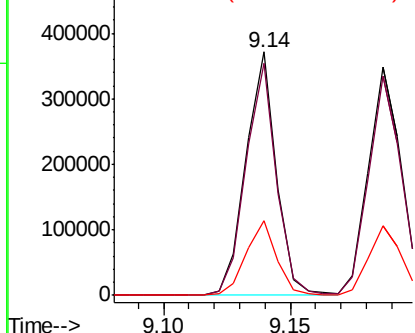


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44  
 2,4,5-Trichlorophenol  
 Concen: 33.859 ng  
 RT: 9.19 min Scan# 1207  
 Delta R.T. 0.02 min  
 Lab File: BF114259.D  
 Acq: 14 May 2019 17:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.9  | 77.7  | 116.5 |
| 97      | 51.8  | 38.2  | 57.2  |
| 132     | 29.8  | 21.4  | 32.2  |

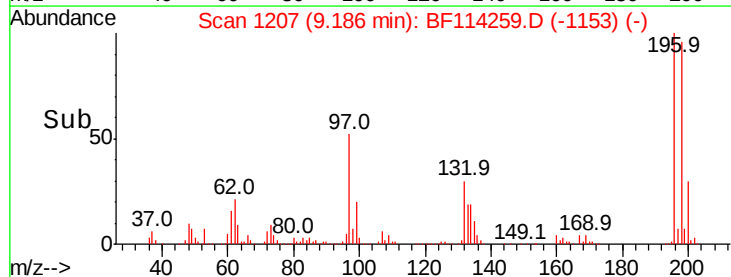
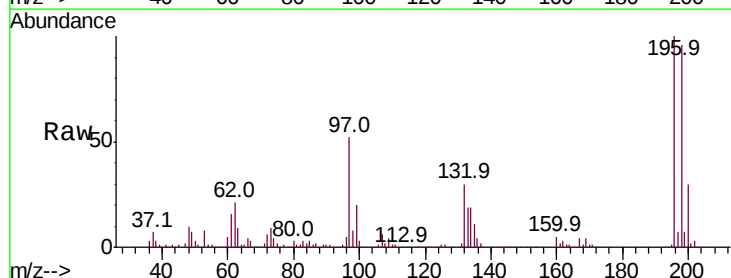
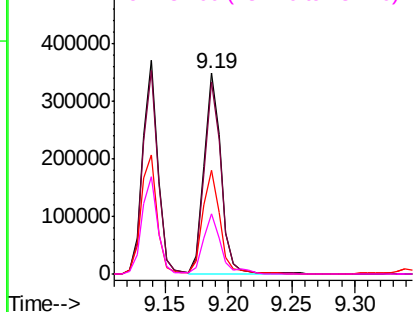
Abundance

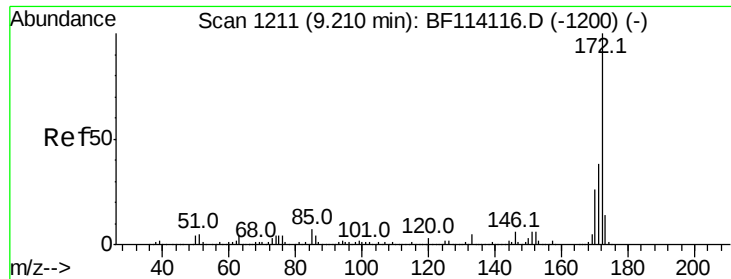
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

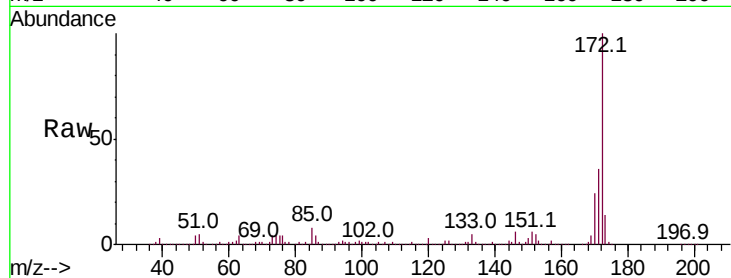




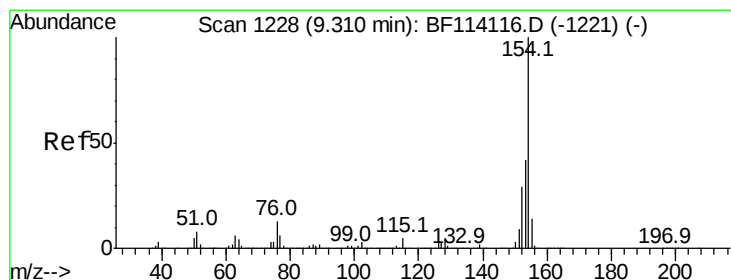
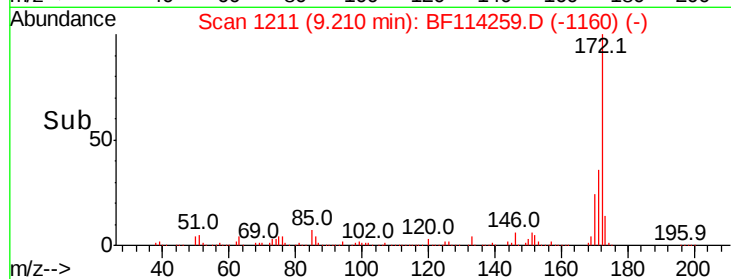
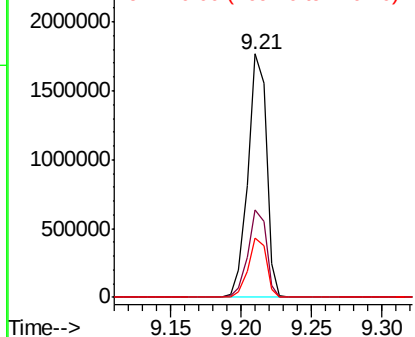
#45  
2-Fluorobiphenyl  
Concen: 55.405 ng  
RT: 9.21 min Scan# 1211  
Delta R.T. 0.00 min  
Lab File: BF114259.D  
Acq: 14 May 2019 17:59

Instrument :  
BNA\_F  
ClientSampleId :  
P026-SS002-1218-01MS

Tot Ion:172 Resp: 1635636  
Ion Ratio Lower Upper  
172 100  
171 35.7 30.7 46.1  
170 24.5 20.5 30.7

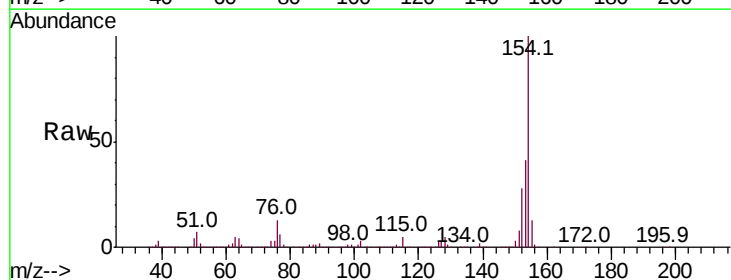


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

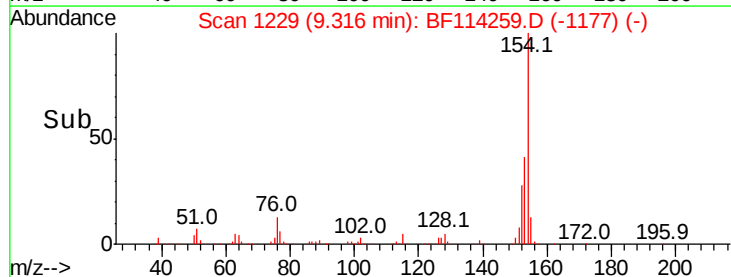
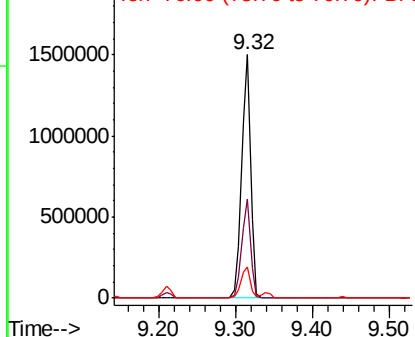


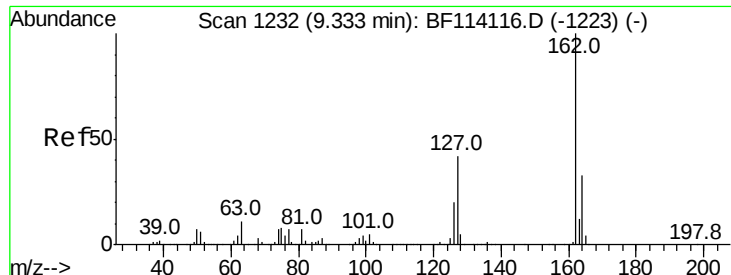
#46  
1,1'-Biphenyl  
Concen: 34.347 ng  
RT: 9.32 min Scan# 1229  
Delta R.T. 0.01 min  
Lab File: BF114259.D  
Acq: 14 May 2019 17:59

Tgt Ion:154 Resp: 1239087  
Ion Ratio Lower Upper  
154 100  
153 40.7 21.9 61.9  
76 12.8 0.0 32.8



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

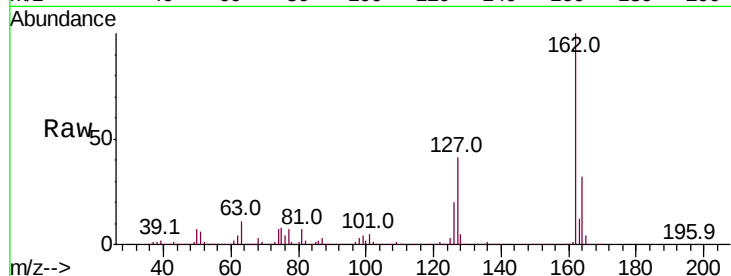




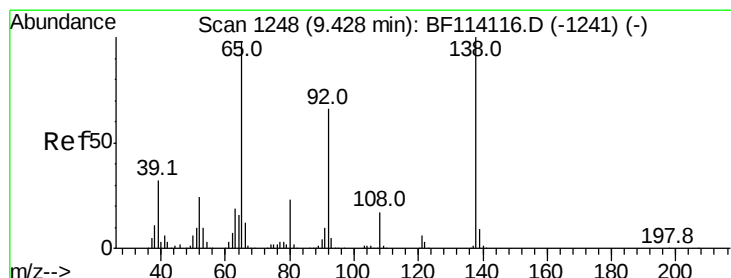
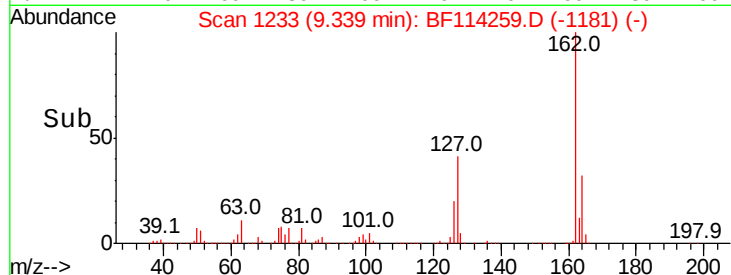
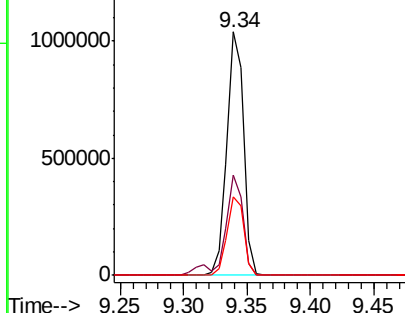
#47  
 2-Chloronaphthalene  
 Concen: 32.616 ng  
 RT: 9.34 min Scan# 1233  
 Delta R.T. 0.01 min  
 Lab File: BF114259.D  
 Acq: 14 May 2019 17:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P026-SS002-1218-01MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 41.3  | 34.0  | 51.0  |
| 164     | 32.3  | 26.7  | 40.1  |

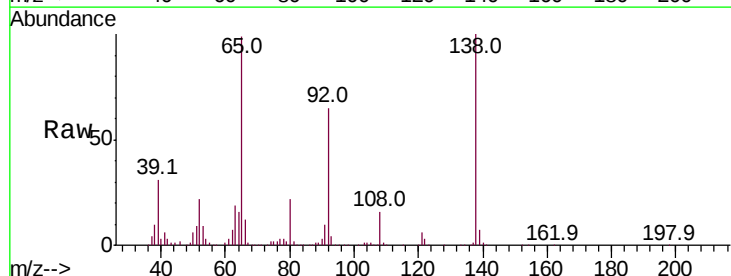


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

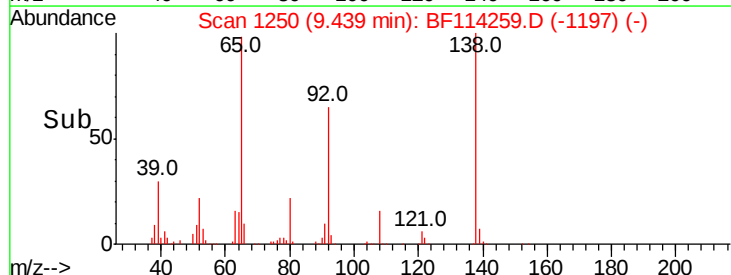
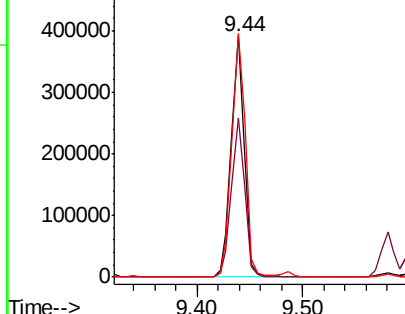


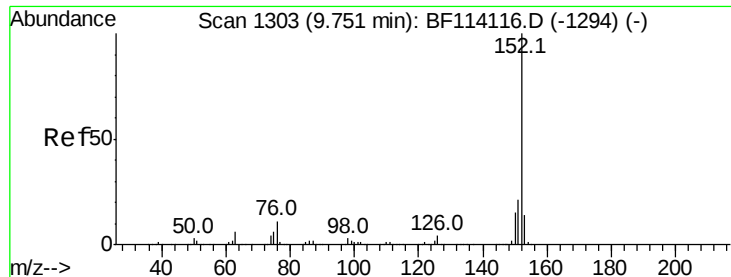
#48  
 2-Nitroaniline  
 Concen: 32.538 ng  
 RT: 9.44 min Scan# 1250  
 Delta R.T. 0.01 min  
 Lab File: BF114259.D  
 Acq: 14 May 2019 17:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 66.1  | 53.9  | 80.9  |
| 138     | 101.3 | 81.4  | 122.0 |



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: 35.059 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF114259.D

Acq: 14 May 2019 17:59

Instrument :

BNA\_F

ClientSampleId :

P026-SS002-1218-01MS

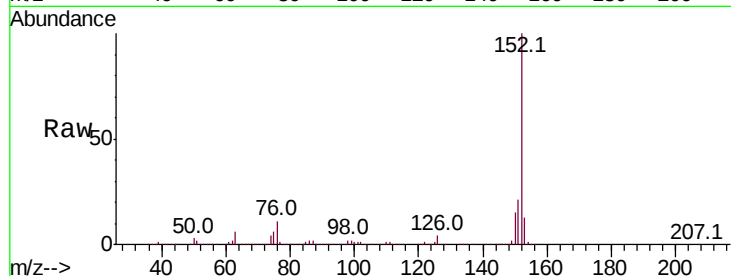
Tot Ion:152 Resp: 1548157

Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

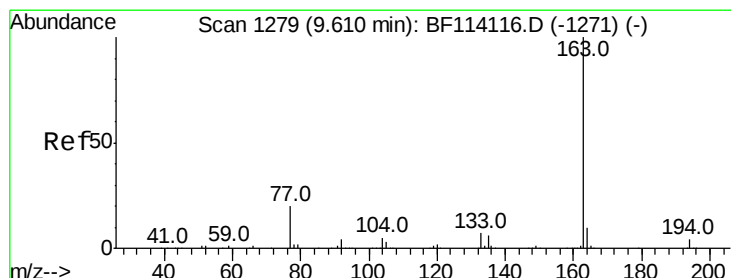
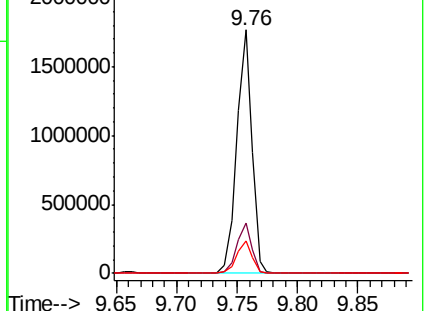
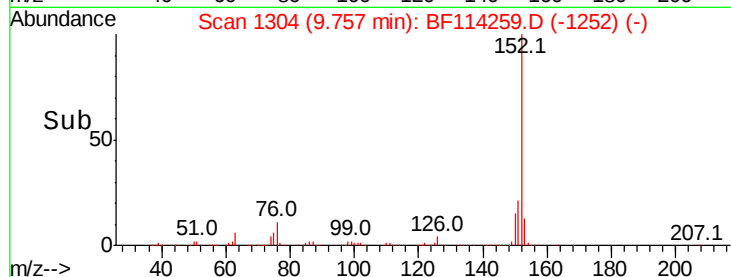
153 13.4 11.4 17.2



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: 38.501 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF114259.D

Acq: 14 May 2019 17:59

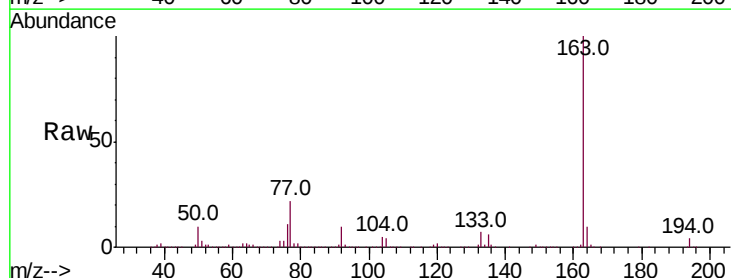
Tgt Ion:163 Resp: 1262126

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

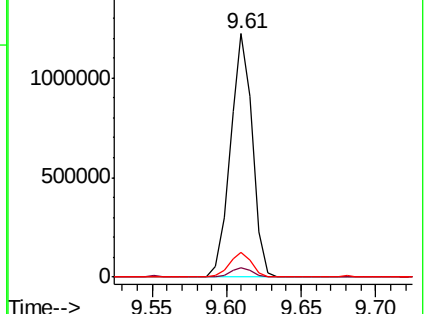
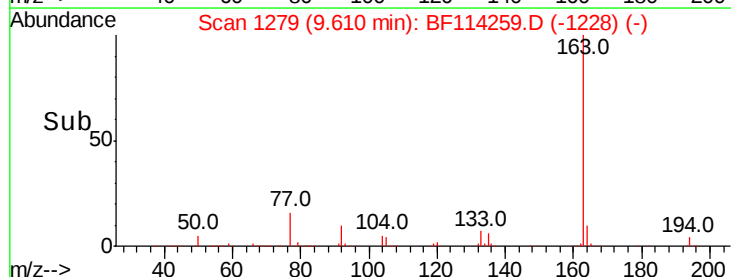
164 10.2 8.2 12.2

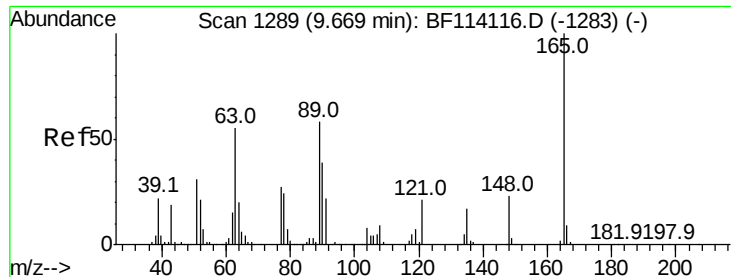


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

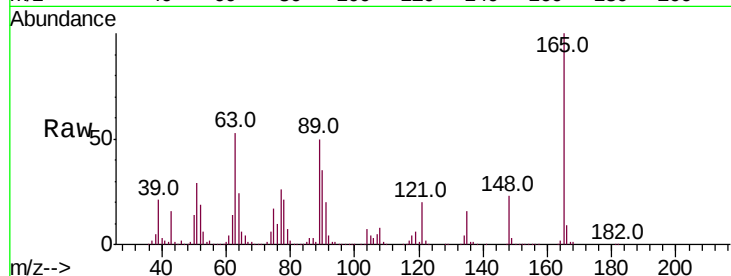




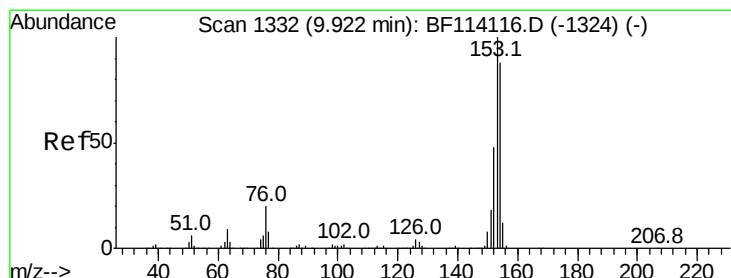
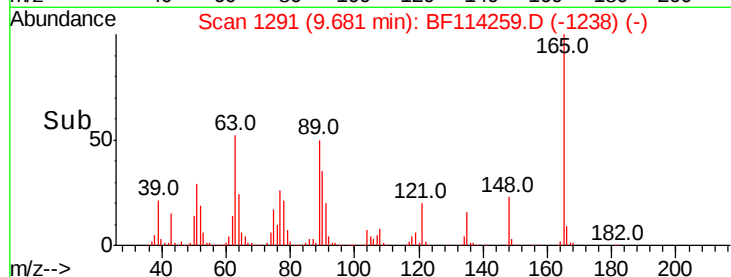
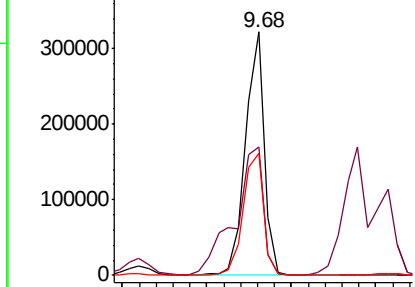
#51  
2,6-Dinitrotoluene  
Concen: 34.616 ng  
RT: 9.68 min Scan# 1291  
Delta R.T. 0.01 min  
Lab File: BF114259.D  
Acq: 14 May 2019 17:59

Instrument :  
BNA\_F  
ClientSampleId :  
P026-SS002-1218-01MS

Tot Ion:165 Resp: 251691  
Ion Ratio Lower Upper  
165 100  
63 52.7 50.2 75.4  
89 50.1 46.6 69.8

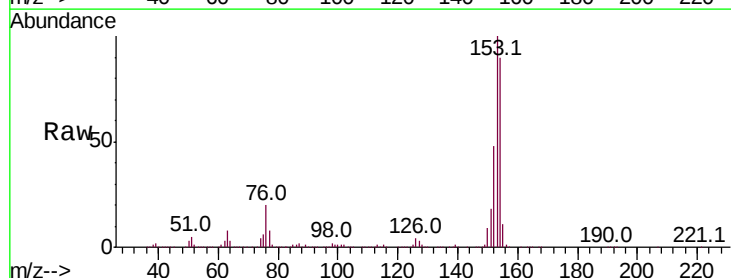


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1

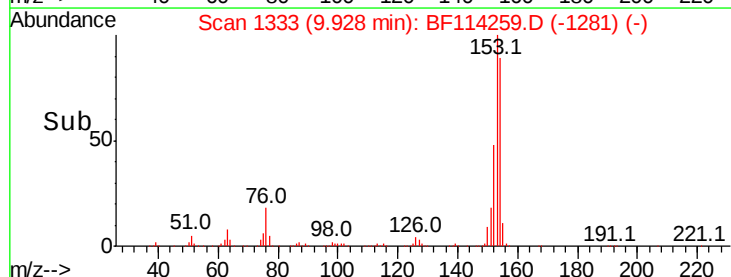
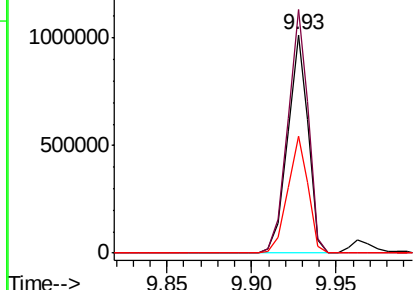


#52  
Acenaphthene  
Concen: 31.671 ng  
RT: 9.93 min Scan# 1333  
Delta R.T. 0.01 min  
Lab File: BF114259.D  
Acq: 14 May 2019 17:59

Tgt Ion:154 Resp: 858199  
Ion Ratio Lower Upper  
154 100  
153 111.7 90.5 135.7  
152 53.5 43.4 65.2



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

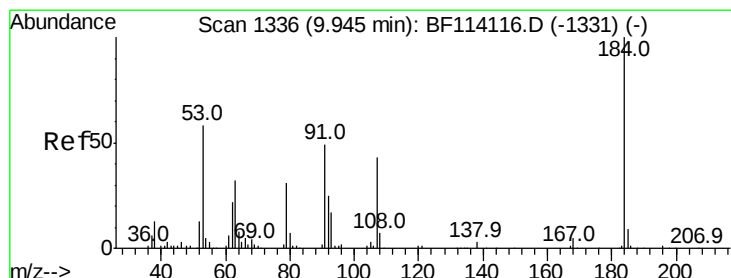
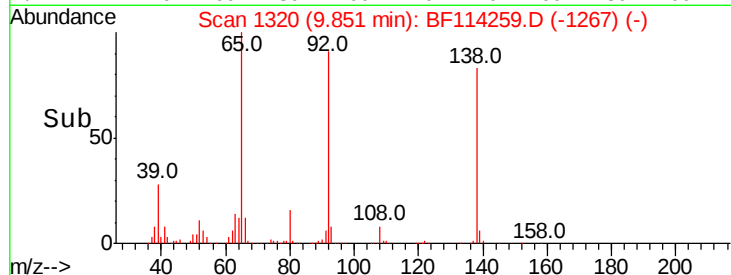
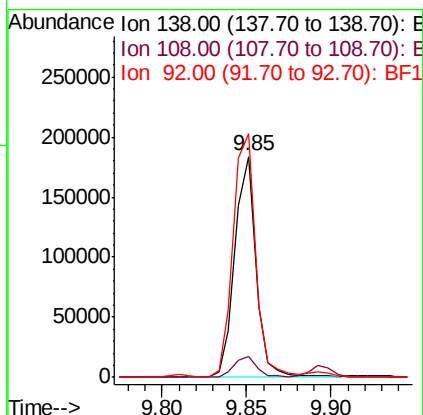
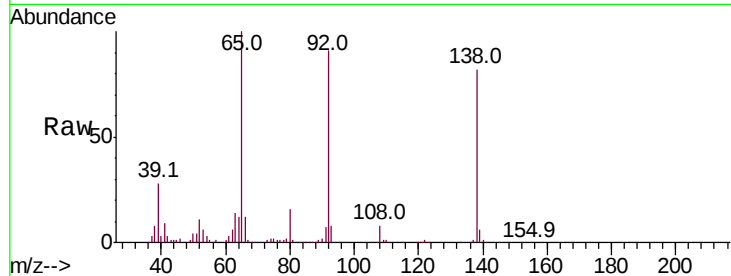




#53  
3-Nitroaniline  
Concen: 17.829 ng  
RT: 9.85 min Scan# 1320  
Delta R.T. 0.01 min  
Lab File: BF114259.D  
Acq: 14 May 2019 17:59

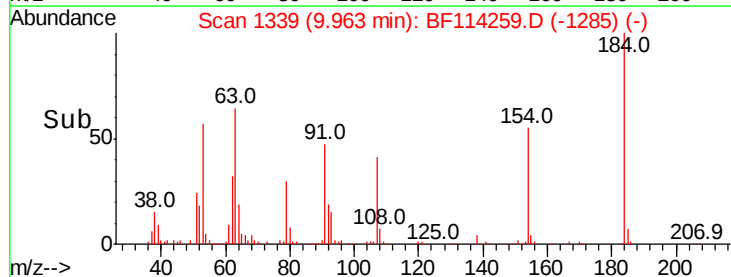
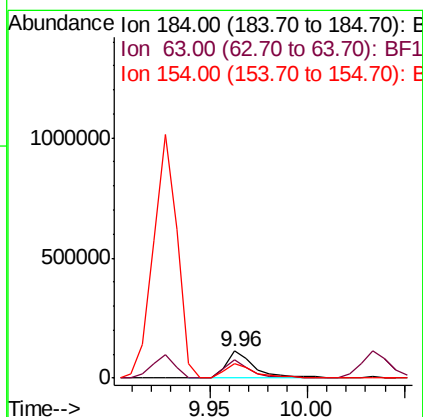
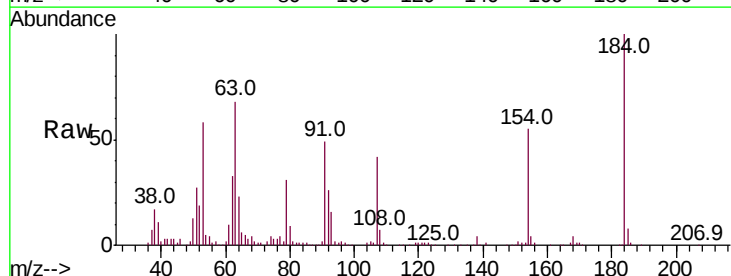
Instrument :  
BNA\_F  
ClientSampleId :  
P026-SS002-1218-01MS

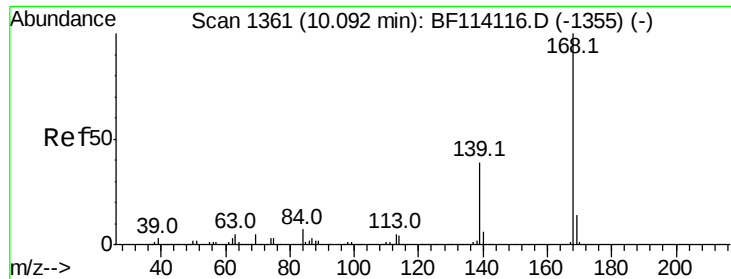
Tot Ion:138 Resp: 160915  
Ion Ratio Lower Upper  
138 100  
108 9.5 7.8 11.6  
92 110.3 91.2 136.8



#54  
2,4-Dinitrophenol  
Concen: 34.890 ng  
RT: 9.96 min Scan# 1339  
Delta R.T. 0.02 min  
Lab File: BF114259.D  
Acq: 14 May 2019 17:59

Tgt Ion:184 Resp: 112376  
Ion Ratio Lower Upper  
184 100  
63 68.3 55.6 83.4  
154 55.4 46.0 69.0

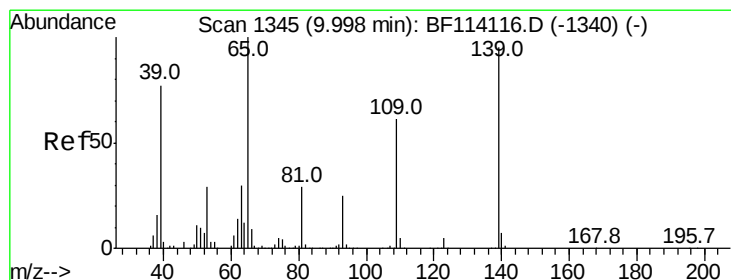
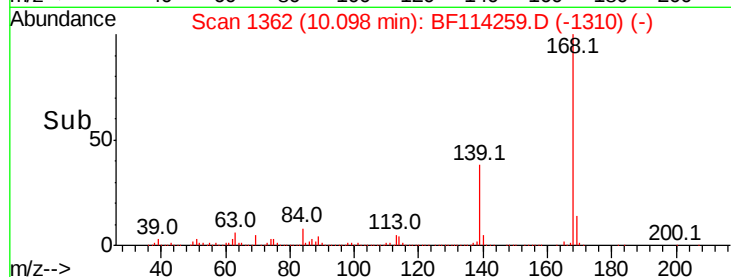
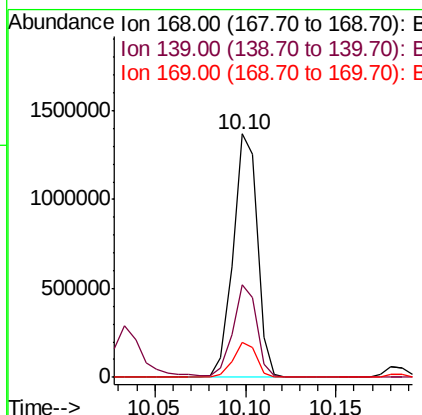
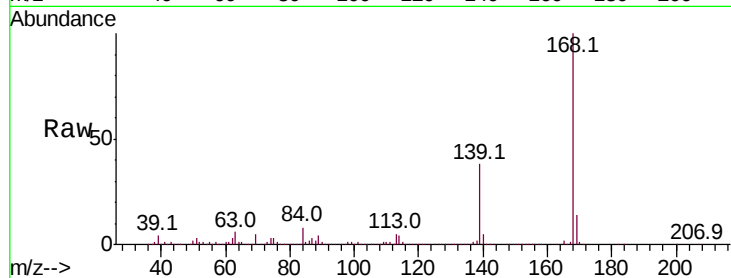




#55  
Dibenzofuran  
Concen: 32.064 ng  
RT: 10.10 min Scan# 1362  
Delta R.T. 0.01 min  
Lab File: BF114259.D  
Acq: 14 May 2019 17:59

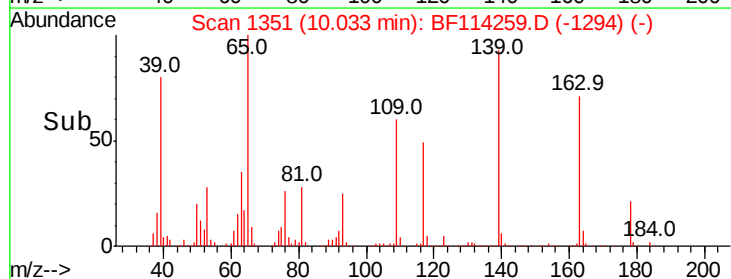
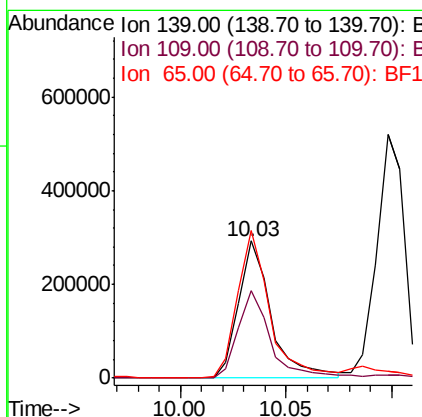
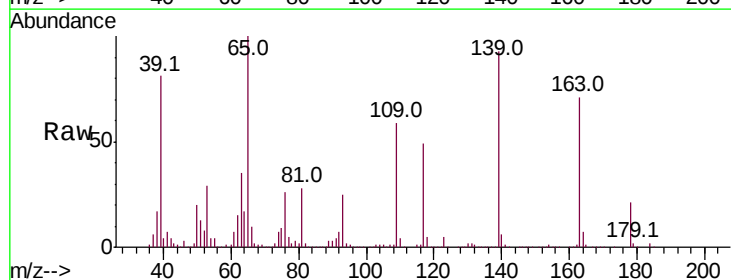
Instrument :  
BNA\_F  
ClientSampleId :  
P026-SS002-1218-01MS

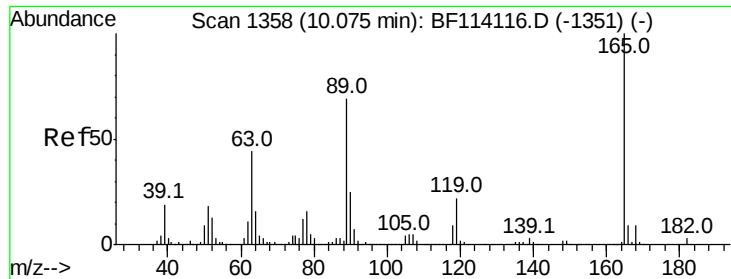
Tot Ion:168 Resp: 1274048  
Ion Ratio Lower Upper  
168 100  
139 37.9 31.1 46.7  
169 14.1 11.4 17.0



#56  
4-Nitrophenol  
Concen: 49.353 ng  
RT: 10.03 min Scan# 1351  
Delta R.T. 0.04 min  
Lab File: BF114259.D  
Acq: 14 May 2019 17:59

Tgt Ion:139 Resp: 315017  
Ion Ratio Lower Upper  
139 100  
109 64.1 43.9 83.9  
65 107.8 85.7 125.7

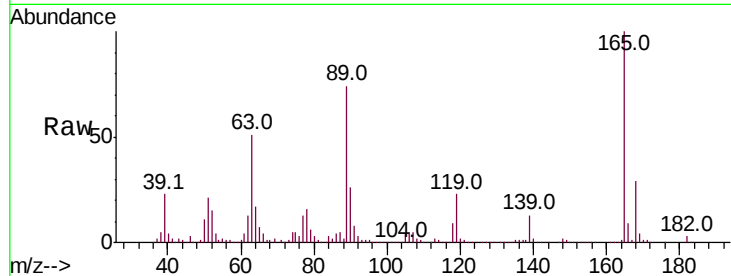




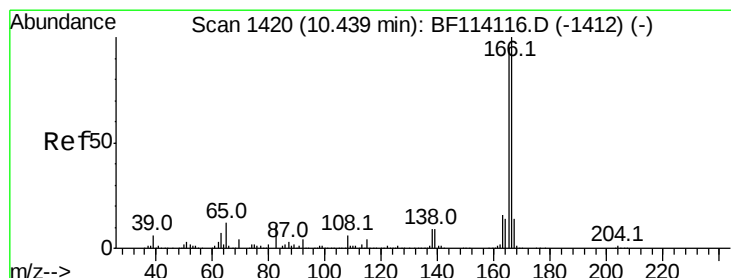
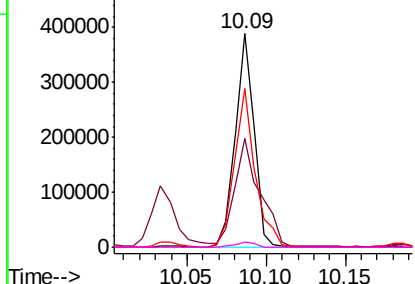
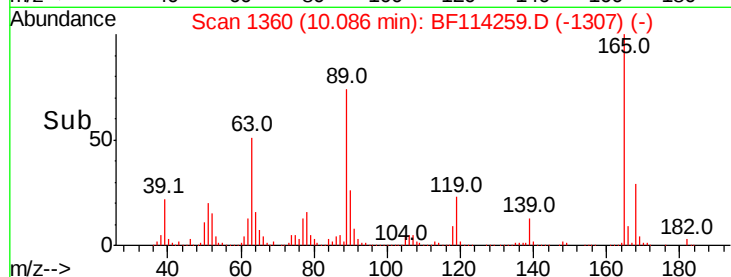
#57  
2,4-Dinitrotoluene  
Concen: 32.412 ng  
RT: 10.09 min Scan# 1360  
Delta R.T. 0.01 min  
Lab File: BF114259.D  
Acq: 14 May 2019 17:59

Instrument :  
BNA\_F  
ClientSampleId :  
P026-SS002-1218-01MS

Tot Ion:165 Resp: 319864  
Ion Ratio Lower Upper  
165 100  
63 51.1 35.5 53.3  
89 74.1 55.2 82.8  
182 2.5 2.2 3.2

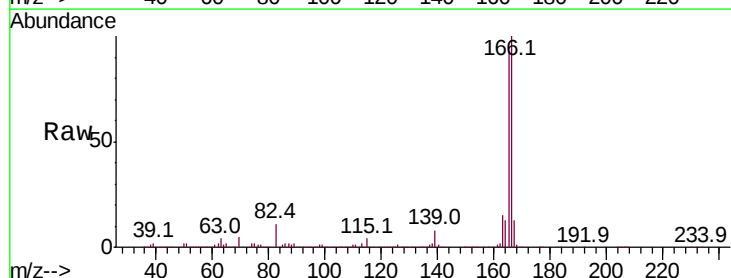


Abundance Ion 165.00 (164.70 to 165.70): E  
600000  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1  
Ion 182.00 (181.70 to 182.70): E

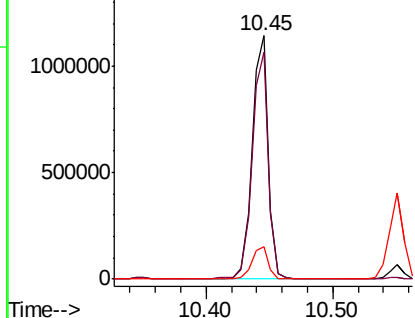
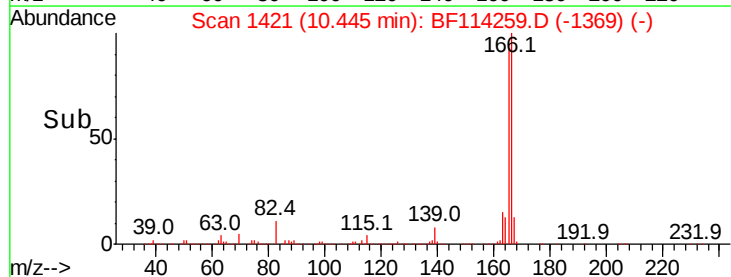


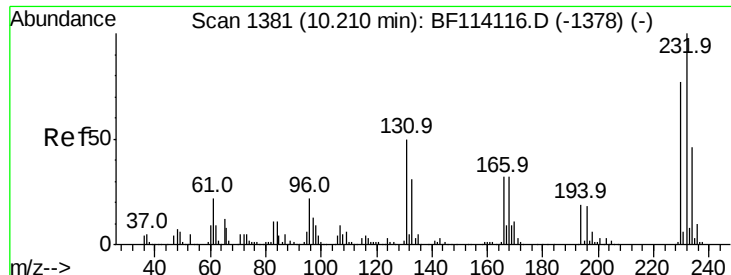
#58  
Fluorene  
Concen: 32.793 ng  
RT: 10.45 min Scan# 1421  
Delta R.T. 0.01 min  
Lab File: BF114259.D  
Acq: 14 May 2019 17:59

Tgt Ion:166 Resp: 1006463  
Ion Ratio Lower Upper  
166 100  
165 93.5 76.1 114.1  
167 13.5 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E  
1500000  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E

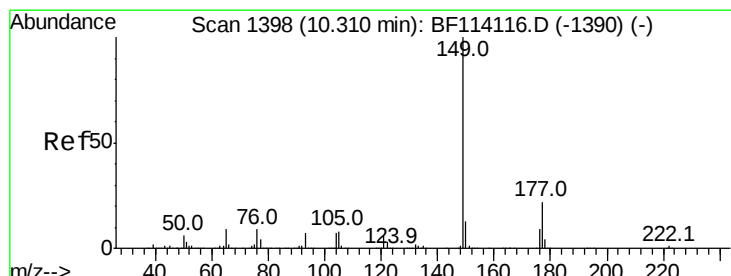
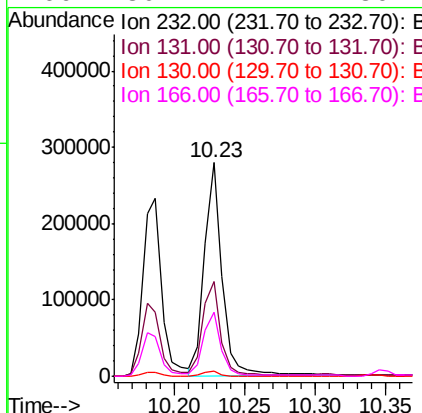
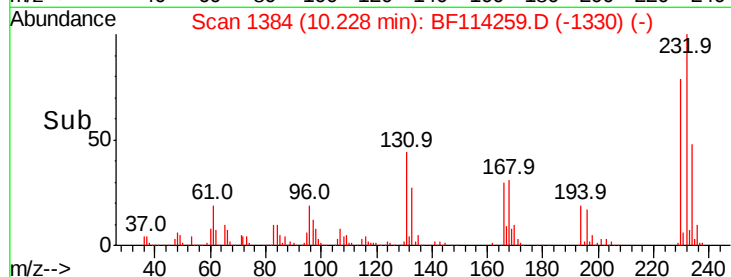
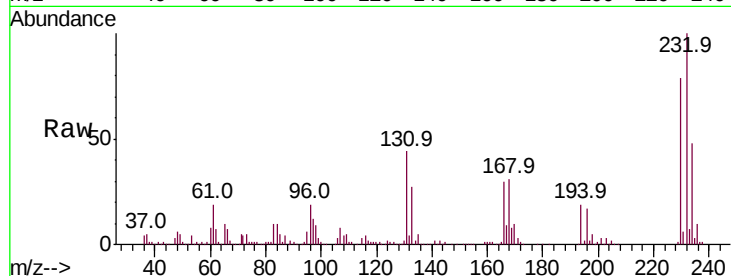




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 29.609 ng  
RT: 10.23 min Scan# 1384  
Delta R.T. 0.02 min  
Lab File: BF114259.D  
Acq: 14 May 2019 17:59

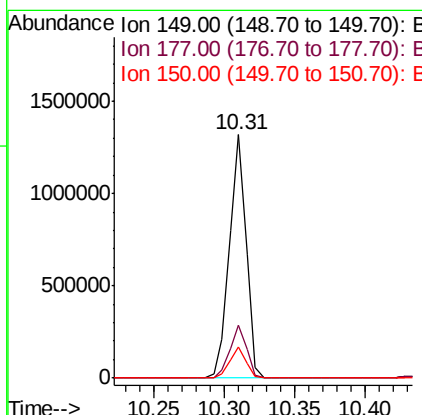
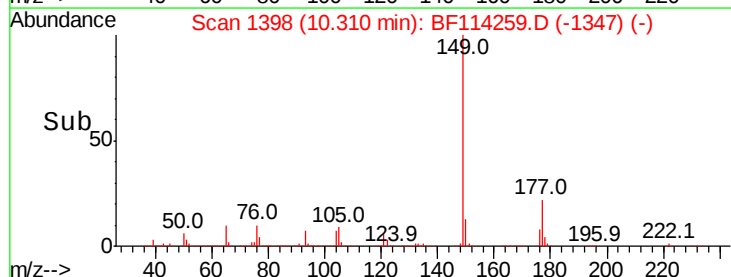
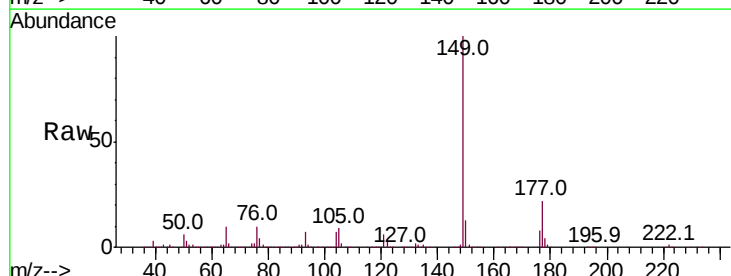
Instrument :  
BNA\_F  
ClientSampleId :  
P026-SS002-1218-01MS

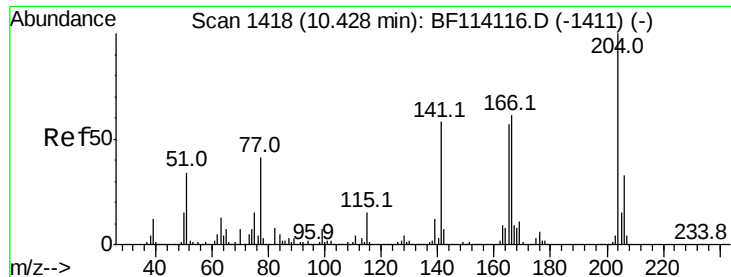
Tot Ion:232 Resp: 243780  
Ion Ratio Lower Upper  
232 100  
131 45.2 35.6 53.4  
130 2.3 1.6 2.4  
166 30.4 24.1 36.1



#60  
Diethylphthalate  
Concen: 32.757 ng  
RT: 10.31 min Scan# 1398  
Delta R.T. 0.00 min  
Lab File: BF114259.D  
Acq: 14 May 2019 17:59

Tgt Ion:149 Resp: 1091083  
Ion Ratio Lower Upper  
149 100  
177 21.6 17.8 26.6  
150 12.6 10.2 15.2

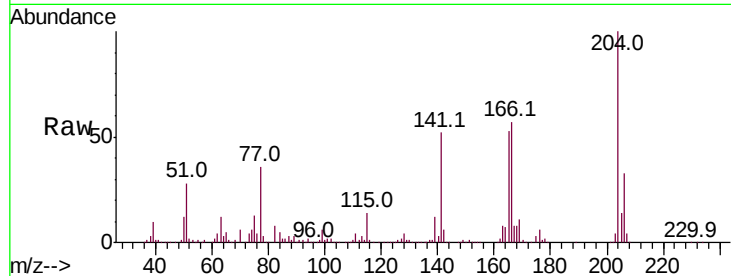




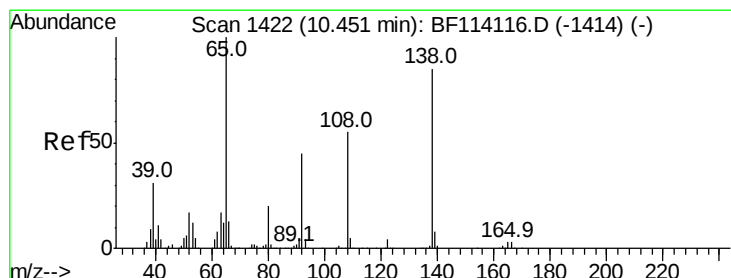
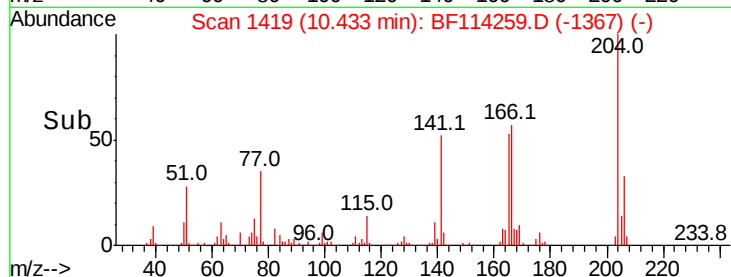
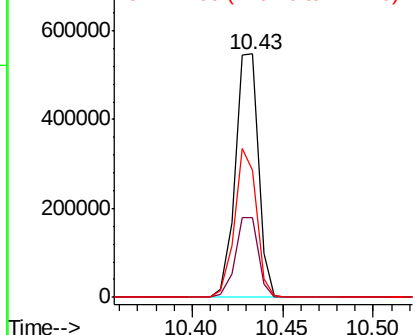
#61  
4-Chlorophenyl-phenylether  
Concen: 32.504 ng  
RT: 10.43 min Scan# 1419  
Delta R.T. 0.01 min  
Lab File: BF114259.D  
Acq: 14 May 2019 17:59

Instrument :  
BNA\_F  
ClientSampleId :  
P026-SS002-1218-01MS

Tot Ion:204 Resp: 489970  
Ion Ratio Lower Upper  
204 100  
206 32.5 26.6 39.8  
141 52.2 46.4 69.6

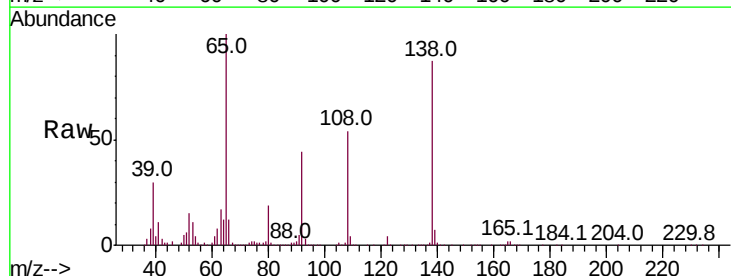


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

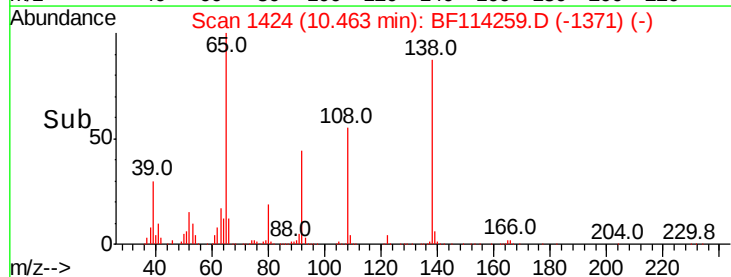
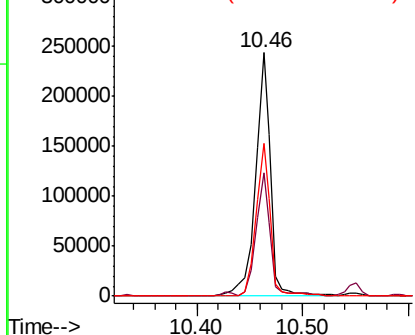


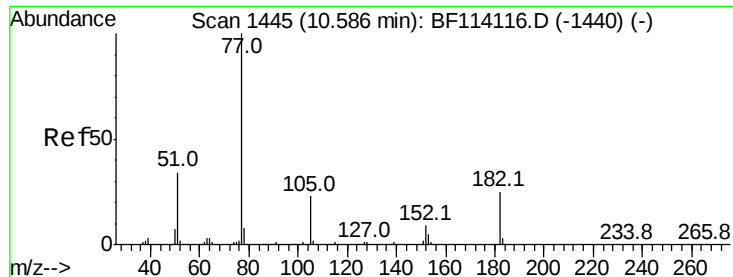
#62  
4-Nitroaniline  
Concen: 25.795 ng  
RT: 10.46 min Scan# 1424  
Delta R.T. 0.01 min  
Lab File: BF114259.D  
Acq: 14 May 2019 17:59

Tgt Ion:138 Resp: 244644  
Ion Ratio Lower Upper  
138 100  
92 50.7 33.0 73.0  
108 62.9 44.9 84.9



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

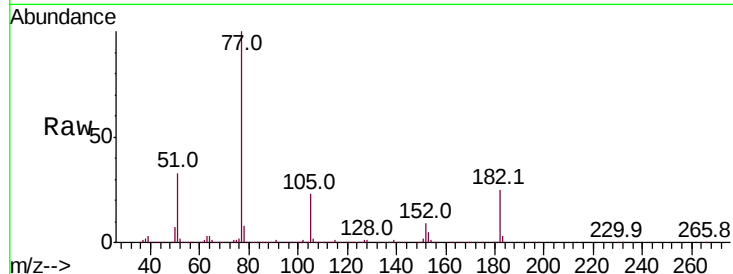




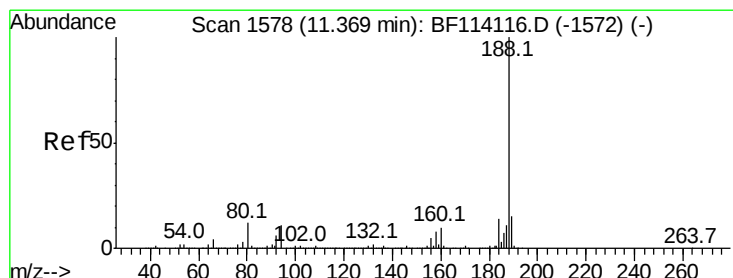
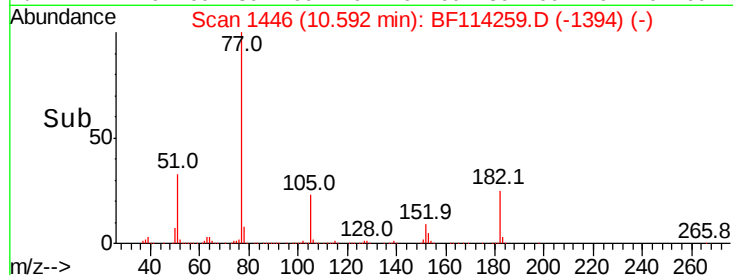
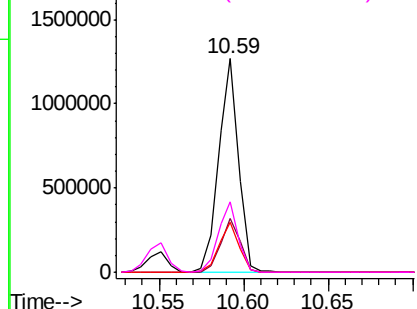
#63  
Azobenzene  
Concen: 32.184 ng  
RT: 10.59 min Scan# 1446  
Delta R.T. 0.01 min  
Lab File: BF114259.D  
Acq: 14 May 2019 17:59

Instrument :  
BNA\_F  
ClientSampleId :  
P026-SS002-1218-01MS

Tot Ion: 77 Resp: 1037616  
Ion Ratio Lower Upper  
77 100  
182 25.5 4.7 44.7  
105 23.4 2.9 42.9  
51 33.0 14.6 54.6

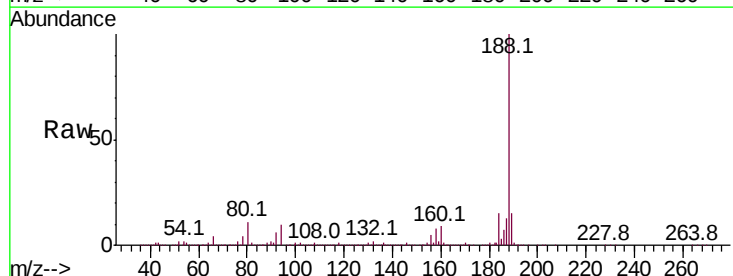


Abundance Ion 77.00 (76.70 to 77.70): BF1  
2000000 Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF1

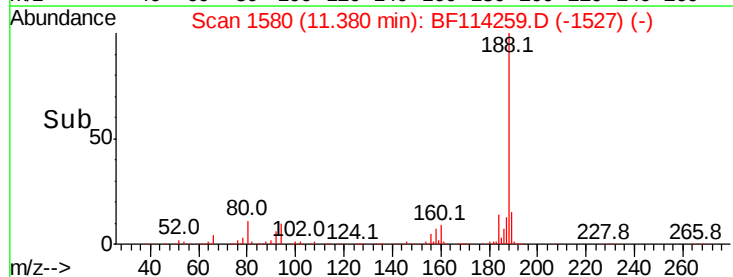
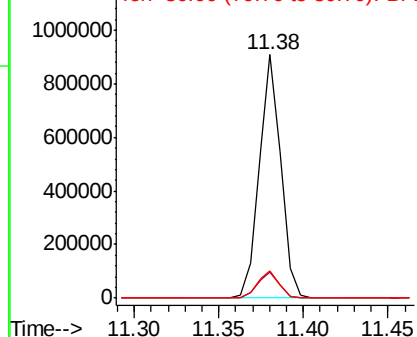


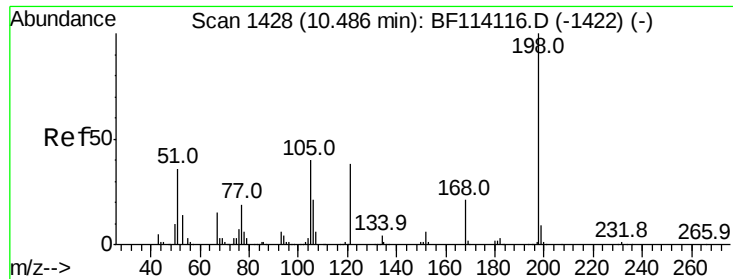
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.38 min Scan# 1580  
Delta R.T. 0.01 min  
Lab File: BF114259.D  
Acq: 14 May 2019 17:59

Tgt Ion: 188 Resp: 807662  
Ion Ratio Lower Upper  
188 100  
94 10.5 8.4 12.6  
80 11.0 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E  
1200000 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: 22.468 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BF114259.D

Acq: 14 May 2019 17:59

Instrument :

BNA\_F

ClientSampleId :

P026-SS002-1218-01MS

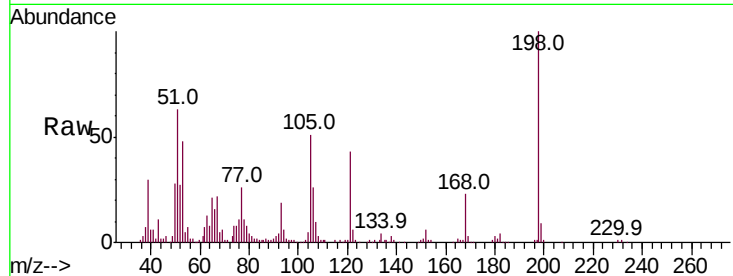
Tot Ion:198 Resp: 87197

Ion Ratio Lower Upper

198 100

51 63.3 28.0 68.0

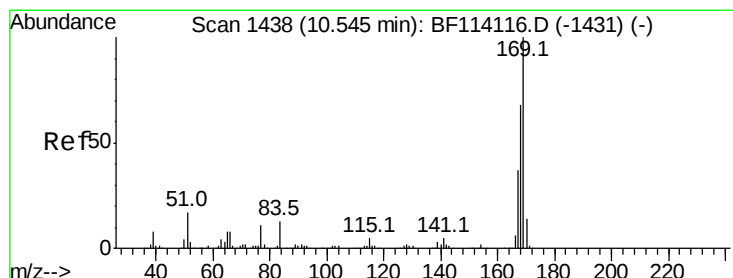
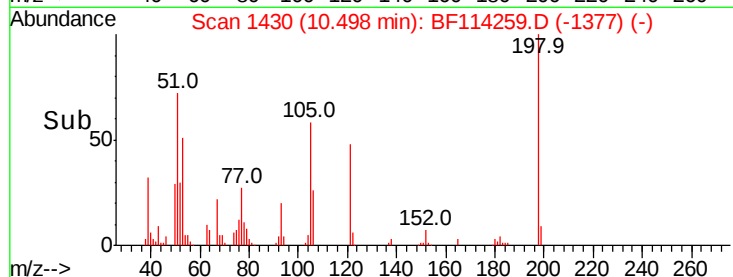
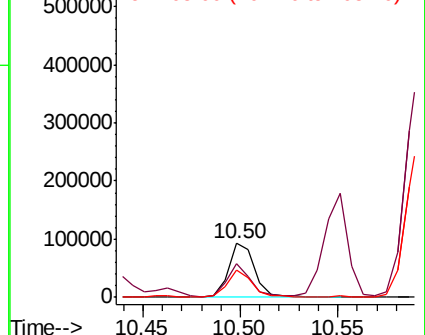
105 50.6 21.1 61.1



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: 36.278 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BF114259.D

Acq: 14 May 2019 17:59

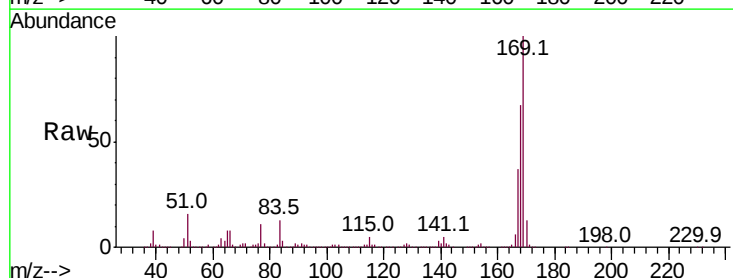
Tgt Ion:169 Resp: 889266

Ion Ratio Lower Upper

169 100

168 67.2 54.2 81.2

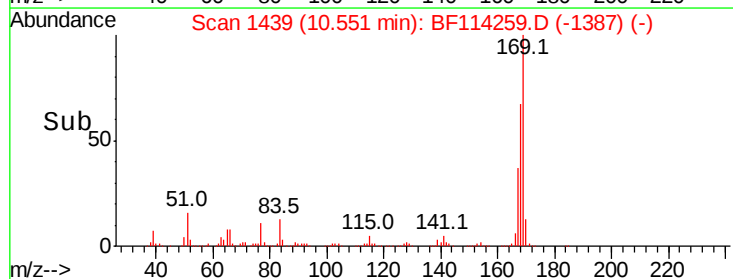
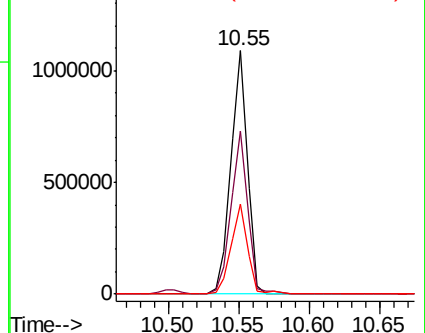
167 37.1 29.8 44.8

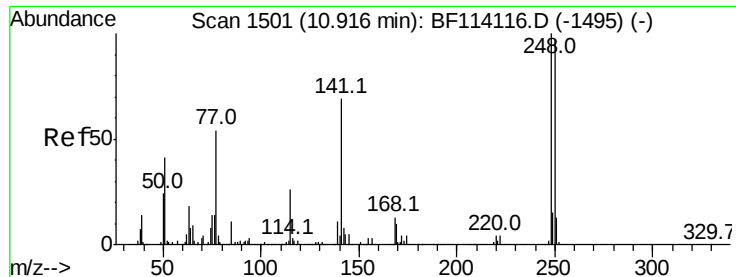


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

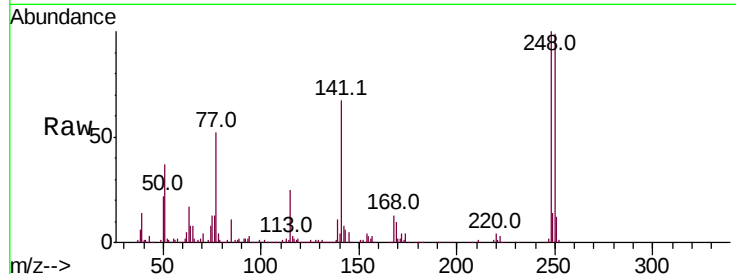




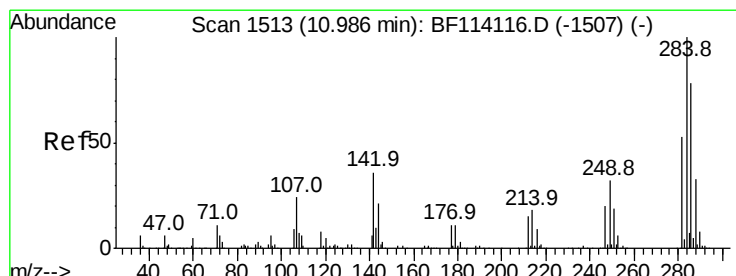
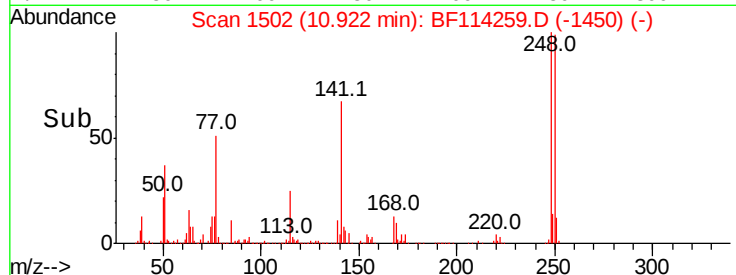
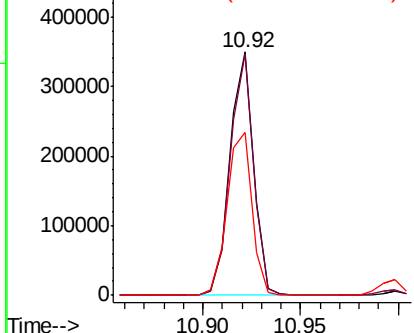
#67  
4-Bromophenyl-phenylether  
Concen: 33.083 ng  
RT: 10.92 min Scan# 1502  
Delta R.T. 0.01 min  
Lab File: BF114259.D  
Acq: 14 May 2019 17:59

Instrument :  
BNA\_F  
ClientSampleId :  
P026-SS002-1218-01MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 99.2  | 77.4  | 116.2 |
| 141     | 67.0  | 55.6  | 83.4  |

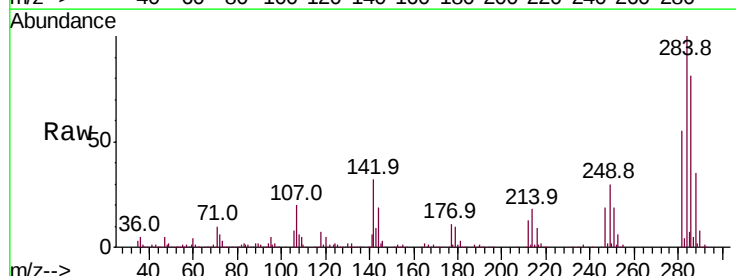


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

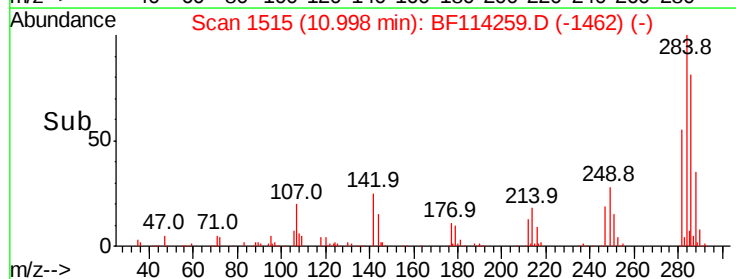
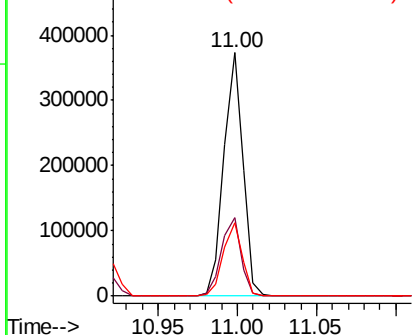


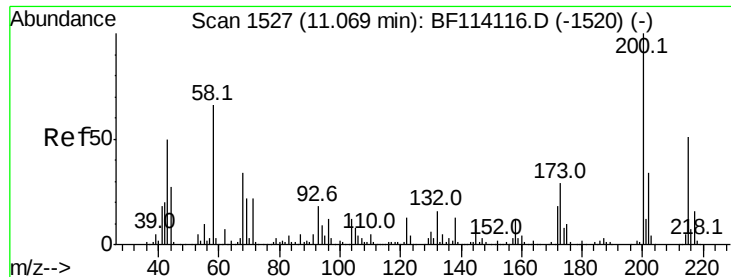
#68  
Hexachlorobenzene  
Concen: 31.731 ng  
RT: 11.00 min Scan# 1515  
Delta R.T. 0.01 min  
Lab File: BF114259.D  
Acq: 14 May 2019 17:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 32.3  | 28.4  | 42.6  |
| 249     | 30.4  | 25.2  | 37.8  |



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

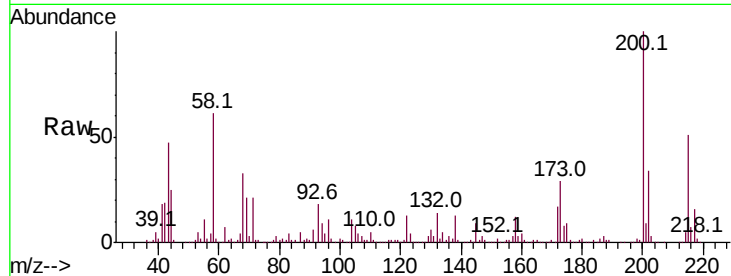




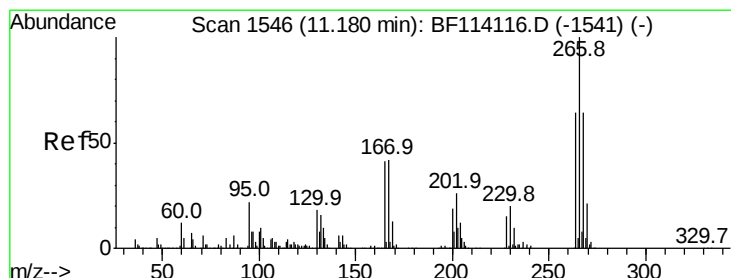
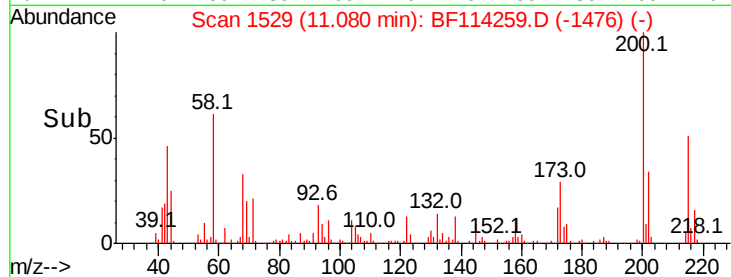
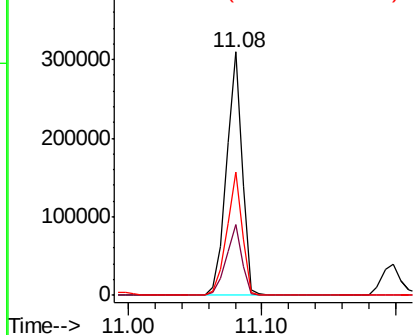
#69  
Atrazine  
Concen: 33.717 ng  
RT: 11.08 min Scan# 1529  
Delta R.T. 0.01 min  
Lab File: BF114259.D  
Acq: 14 May 2019 17:59

Instrument :  
BNA\_F  
ClientSampleId :  
P026-SS002-1218-01MS

Tot Ion:200 Resp: 257199  
Ion Ratio Lower Upper  
200 100  
173 28.8 8.9 48.9  
215 50.7 30.7 70.7

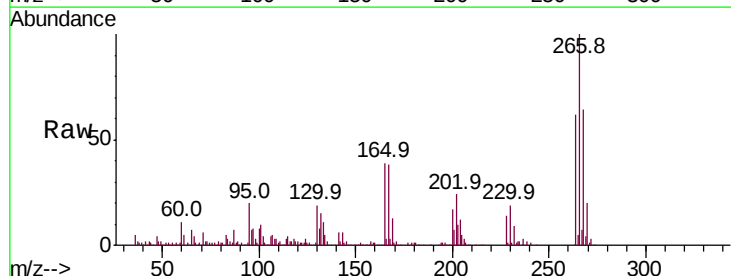


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

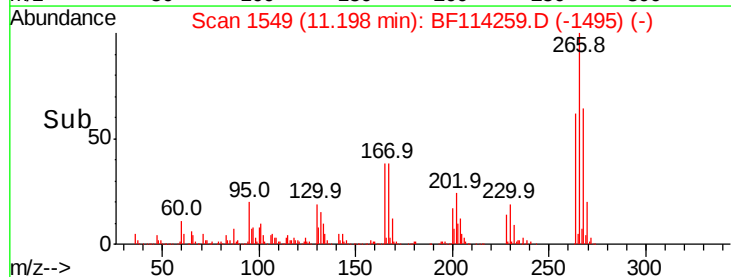
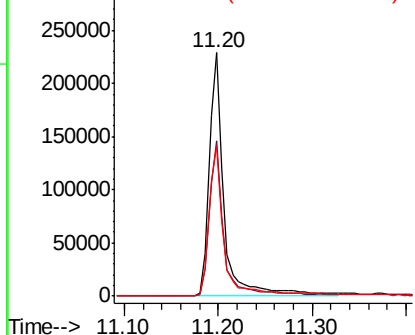


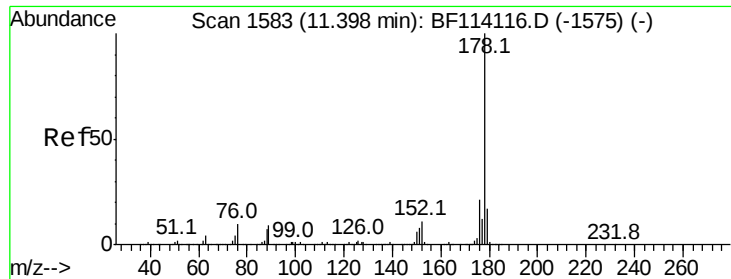
#70  
Pentachlorophenol  
Concen: 55.077 ng  
RT: 11.20 min Scan# 1549  
Delta R.T. 0.02 min  
Lab File: BF114259.D  
Acq: 14 May 2019 17:59

Tgt Ion:266 Resp: 256850  
Ion Ratio Lower Upper  
266 100  
268 63.7 51.1 76.7  
264 61.5 51.1 76.7



Abundance Ion 265.70 (265.40 to 266.40): E  
Ion 268.00 (267.70 to 268.70): E  
Ion 264.00 (263.70 to 264.70): E

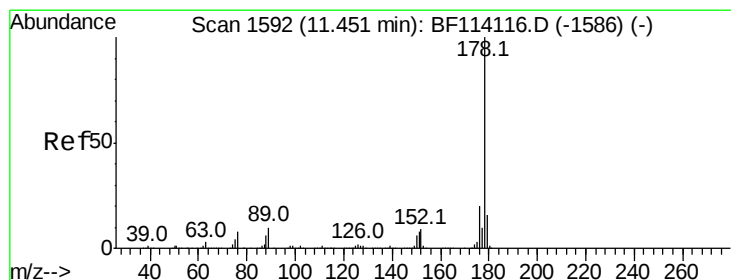
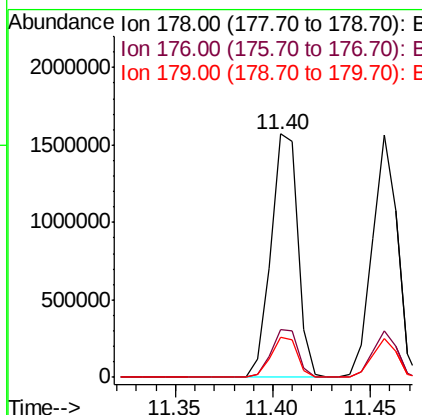
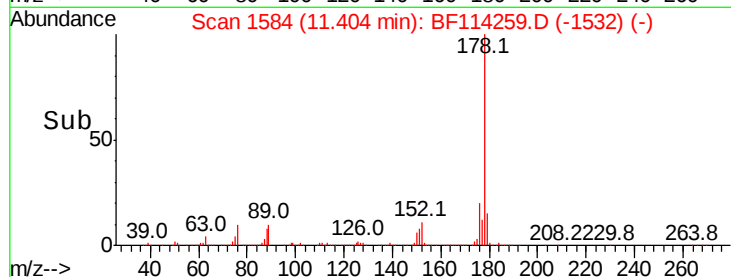
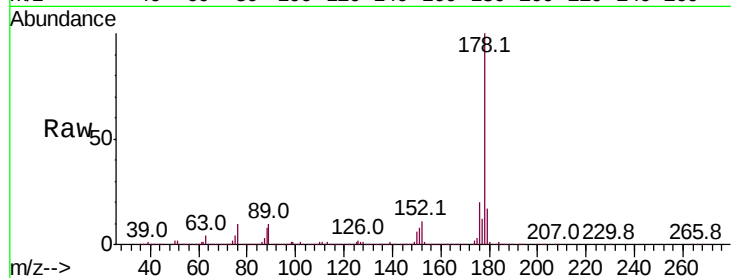




#71  
Phenanthrene  
Concen: 38.346 ng  
RT: 11.40 min Scan# 1584  
Delta R.T. 0.01 min  
Lab File: BF114259.D  
Acq: 14 May 2019 17:59

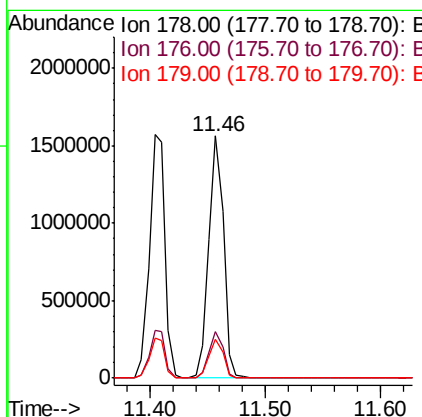
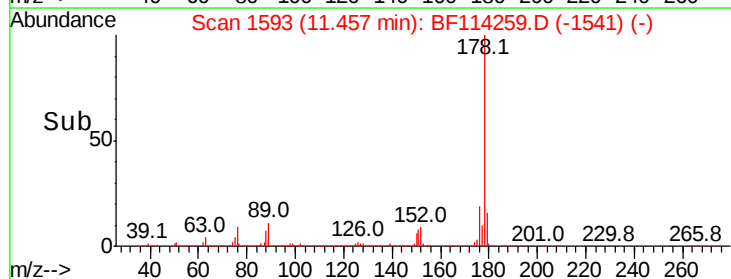
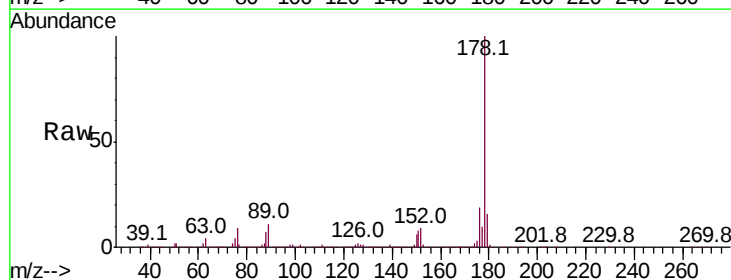
Instrument :  
BNA\_F  
ClientSampleId :  
P026-SS002-1218-01MS

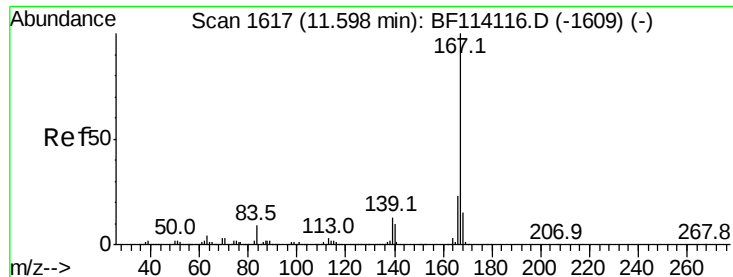
Tot Ion:178 Resp: 1506748  
Ion Ratio Lower Upper  
178 100  
176 19.5 16.4 24.6  
179 16.5 13.2 19.8



#72  
Anthracene  
Concen: 35.417 ng  
RT: 11.46 min Scan# 1593  
Delta R.T. 0.01 min  
Lab File: BF114259.D  
Acq: 14 May 2019 17:59

Tgt Ion:178 Resp: 1397813  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.8 23.8  
179 16.1 13.0 19.4

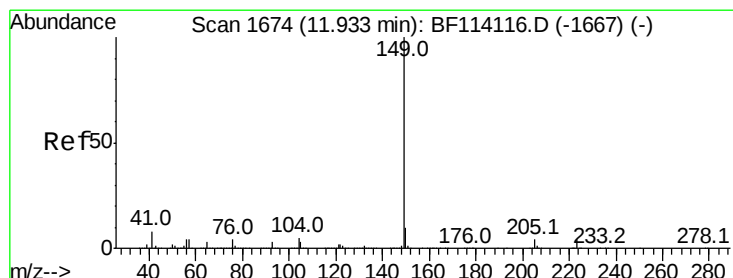
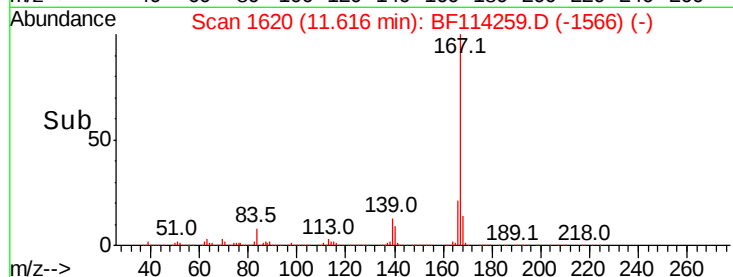
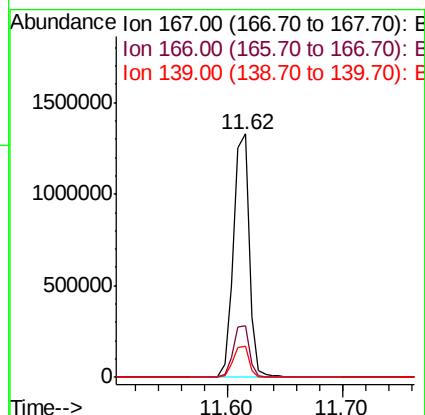
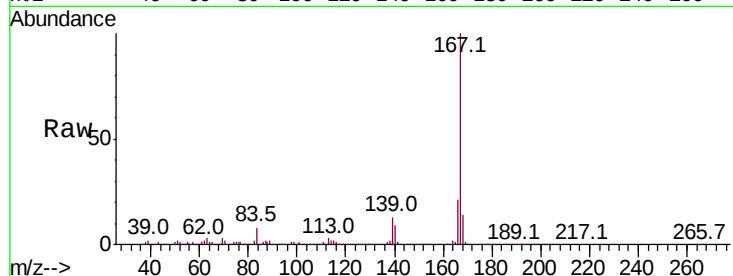




#73  
 Carbazole  
 Concen: 33.526 ng  
 RT: 11.62 min Scan# 1620  
 Delta R.T. 0.02 min  
 Lab File: BF114259.D  
 Acq: 14 May 2019 17:59

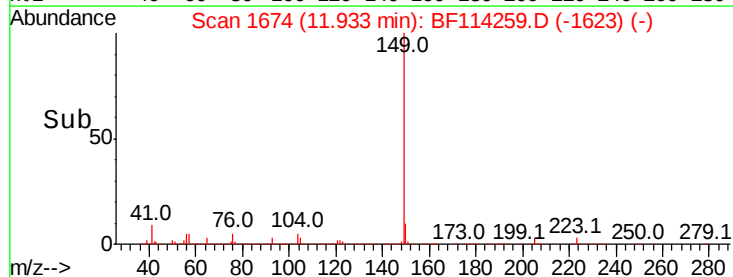
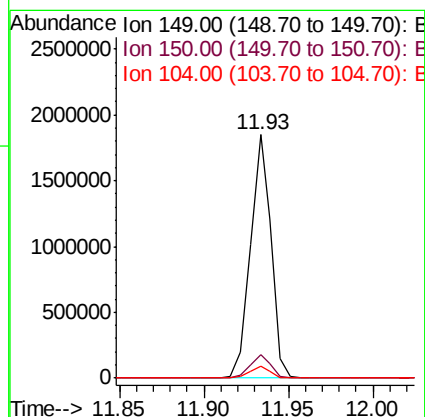
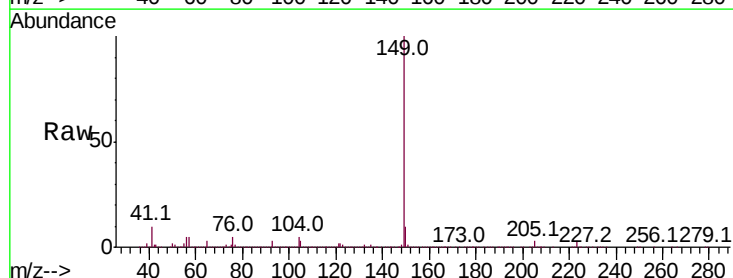
Instrument :  
 BNA\_F  
 ClientSampleId :  
 P026-SS002-1218-01MS

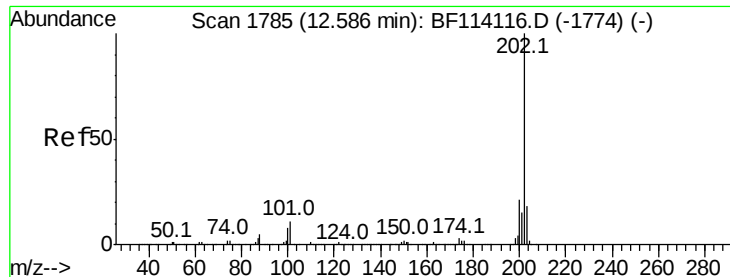
Tot Ion:167 Resp: 1261765  
 Ion Ratio Lower Upper  
 167 100  
 166 21.4 18.2 27.2  
 139 12.7 10.6 16.0



#74  
 Di-n-butylphthalate  
 Concen: 36.236 ng  
 RT: 11.93 min Scan# 1674  
 Delta R.T. 0.00 min  
 Lab File: BF114259.D  
 Acq: 14 May 2019 17:59

Tgt Ion:149 Resp: 1571161  
 Ion Ratio Lower Upper  
 149 100  
 150 9.8 7.7 11.5  
 104 4.8 3.6 5.4





#75

Fluoranthene

Concen: 39.579 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.01 min

Lab File: BF114259.D

Acq: 14 May 2019 17:59

Instrument :

BNA\_F

ClientSampleId :

P026-SS002-1218-01MS

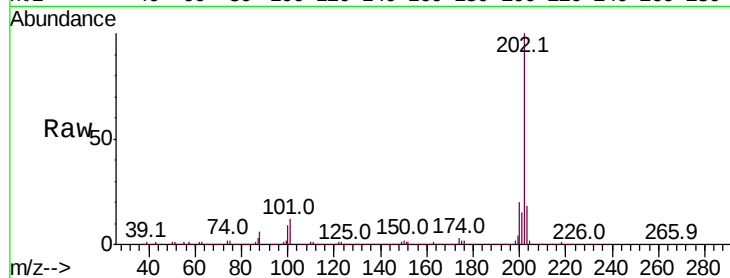
Tot Ion:202 Resp: 1674766

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 11.6  | 0.0   | 31.0  |
| 203 | 18.0  | 0.0   | 38.4  |

202 100

101 11.6 0.0 31.0

203 18.0 0.0 38.4

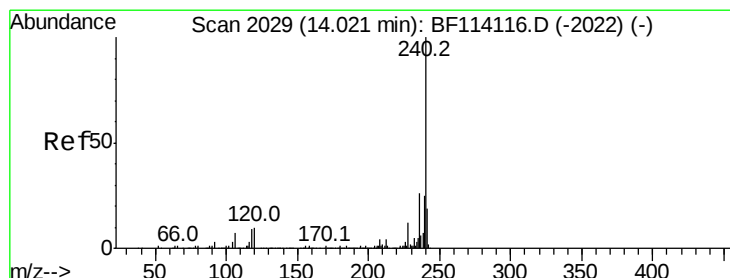
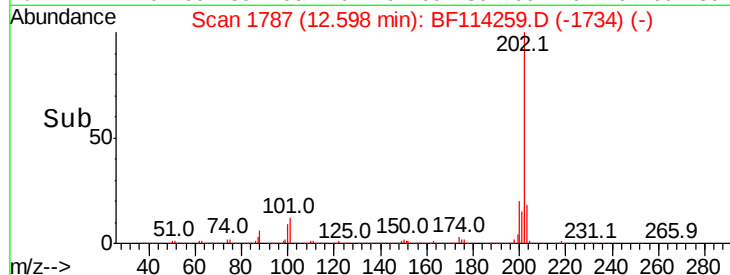
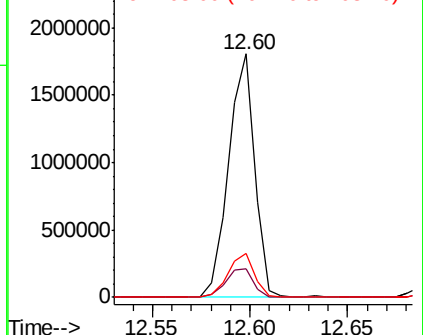


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.01 min

Lab File: BF114259.D

Acq: 14 May 2019 17:59

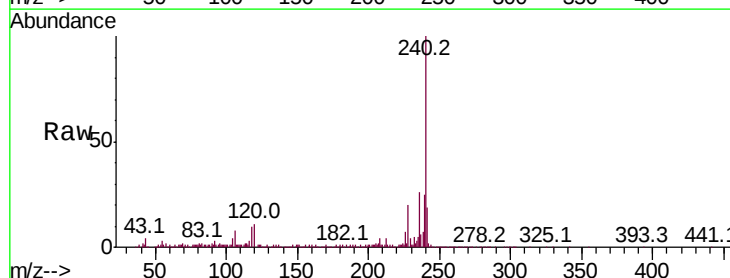
Tgt Ion:240 Resp: 593993

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 11.2  | 8.3   | 12.5  |
| 236 | 26.3  | 20.8  | 31.2  |

240 100

120 11.2 8.3 12.5

236 26.3 20.8 31.2

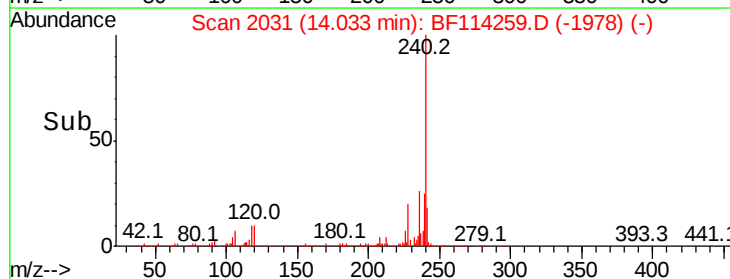
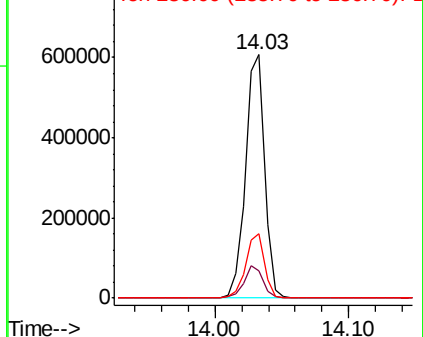


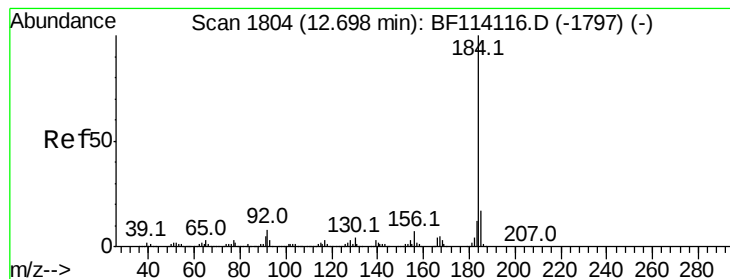
Abundance

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: 2.632 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.02 min

Lab File: BF114259.D

Acq: 14 May 2019 17:59

Instrument :

BNA\_F

ClientSampleId :

P026-SS002-1218-01MS

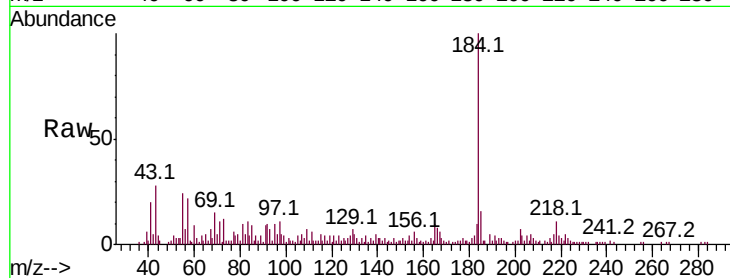
Tot Ion:184 Resp: 70166

Ion Ratio Lower Upper

184 100

185 16.1 13.6 20.4

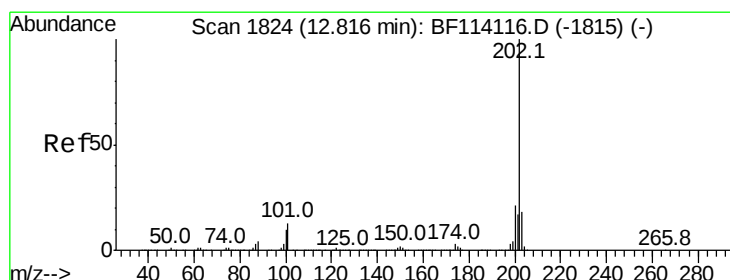
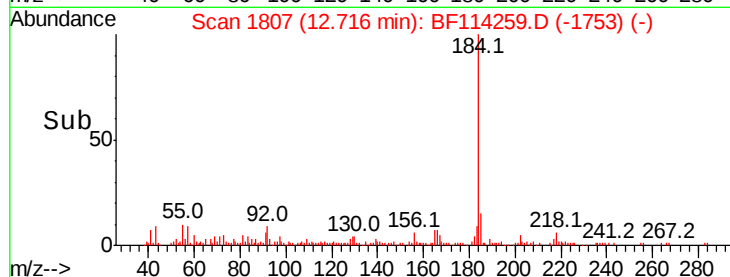
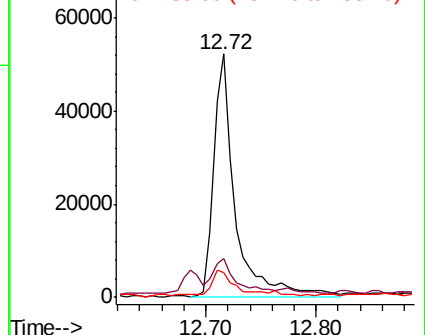
183 10.3 9.2 13.8



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: 40.825 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BF114259.D

Acq: 14 May 2019 17:59

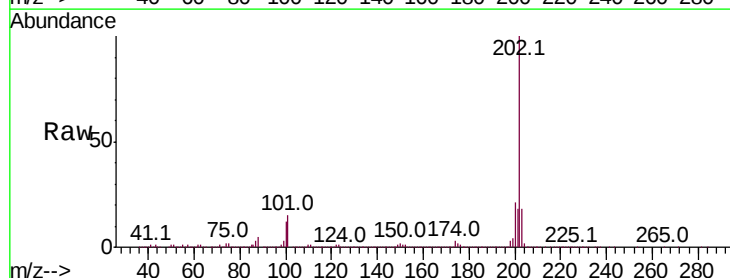
Tgt Ion:202 Resp: 1950757

Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

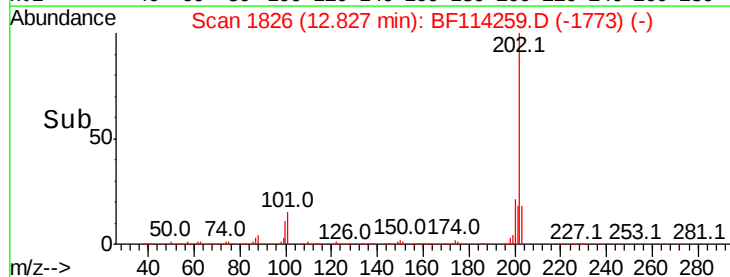
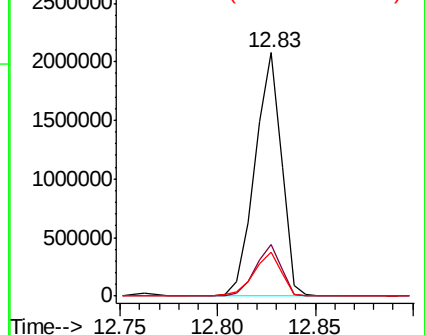
203 18.2 14.5 21.7

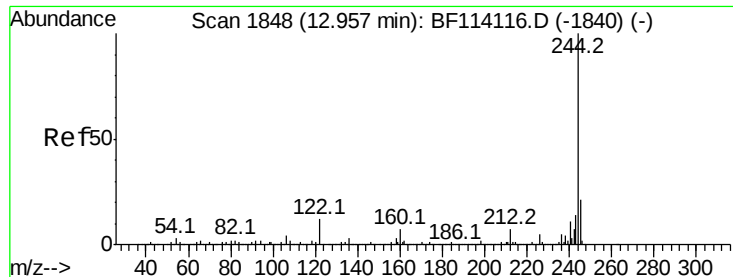


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 48.572 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF114259.D

Acq: 14 May 2019 17:59

Instrument :

BNA\_F

ClientSampleId :

P026-SS002-1218-01MS

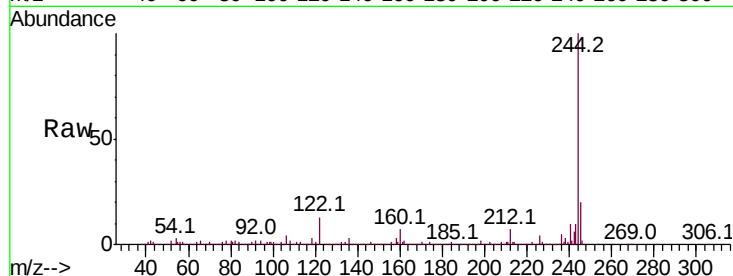
Tot Ion:244 Resp: 1399582

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.6

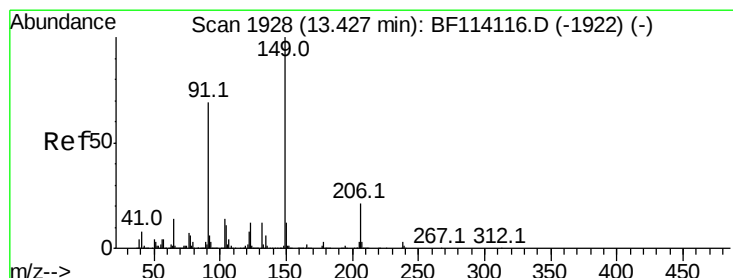
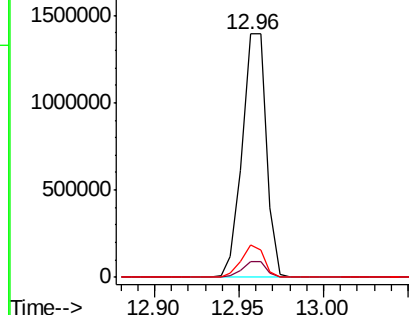
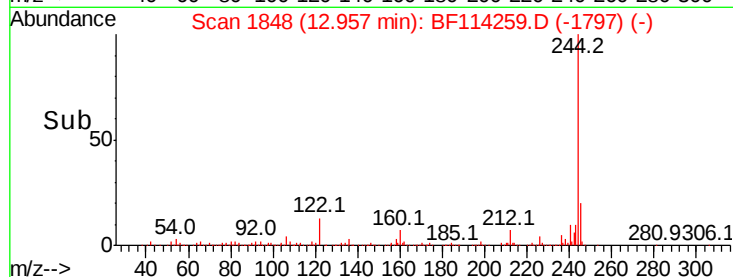
122 13.3 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 33.128 ng

RT: 13.43 min Scan# 1929

Delta R.T. 0.01 min

Lab File: BF114259.D

Acq: 14 May 2019 17:59

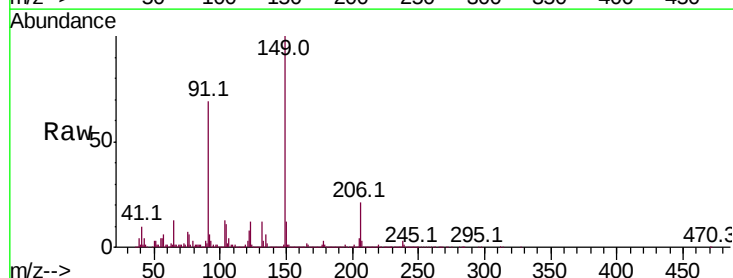
Tgt Ion:149 Resp: 666301

Ion Ratio Lower Upper

149 100

91 69.0 55.0 82.4

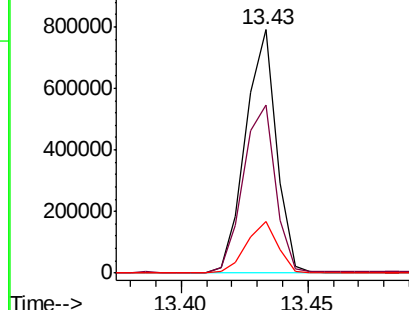
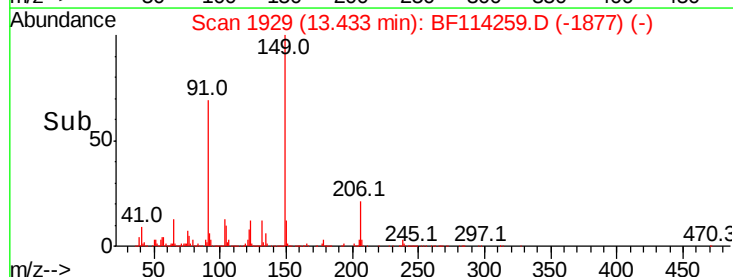
206 21.3 16.9 25.3

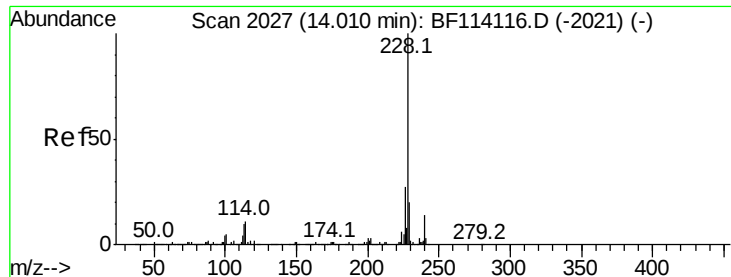


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.973 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF114259.D

Acq: 14 May 2019 17:59

Instrument :

BNA\_F

ClientSampleId :

P026-SS002-1218-01MS

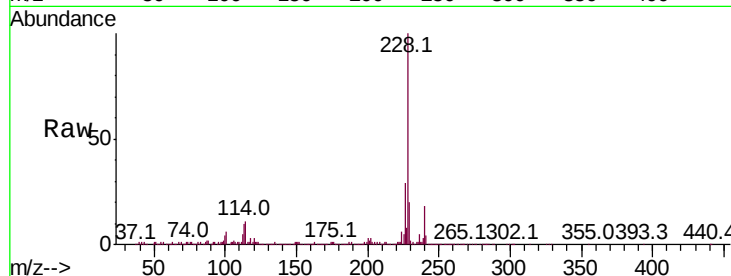
Tot Ion:228 Resp: 1497304

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 28.9  | 22.2  | 33.2  |
| 229 | 19.6  | 16.4  | 24.6  |

228 100

226 28.9 22.2 33.2

229 19.6 16.4 24.6

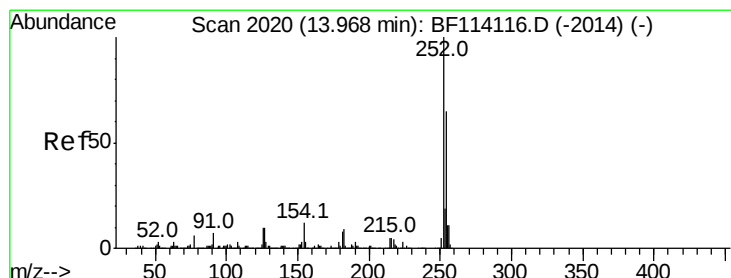
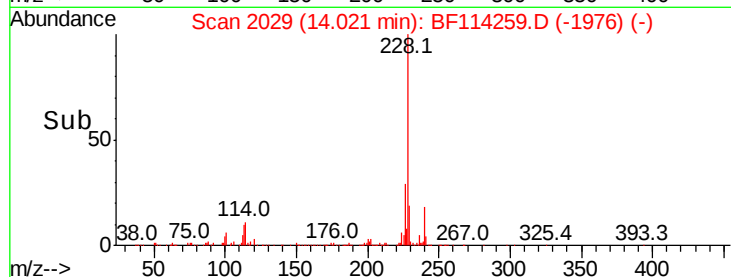
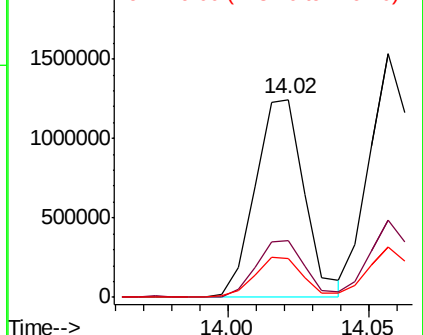


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 25.064 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF114259.D

Acq: 14 May 2019 17:59

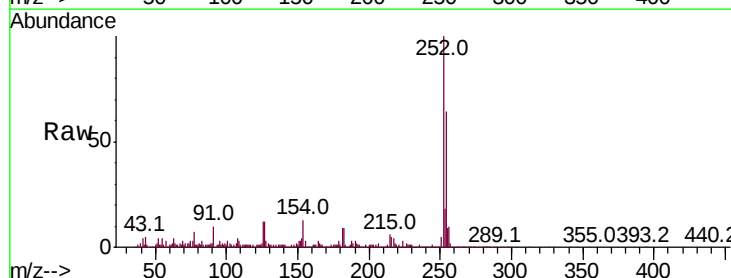
Tgt Ion:252 Resp: 373556

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 64.4  | 51.9  | 77.9  |
| 126 | 11.9  | 7.9   | 11.9# |

252 100

254 64.4 51.9 77.9

126 11.9 7.9 11.9#

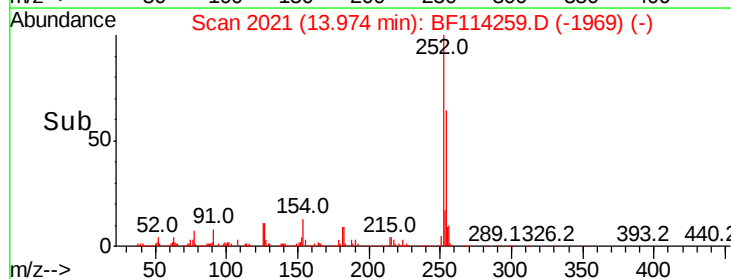
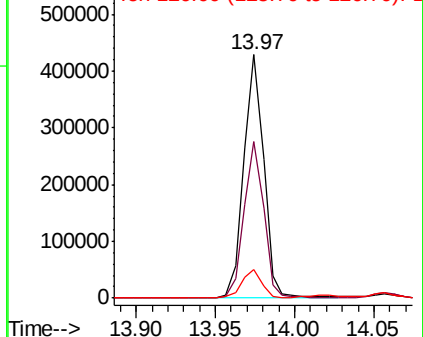


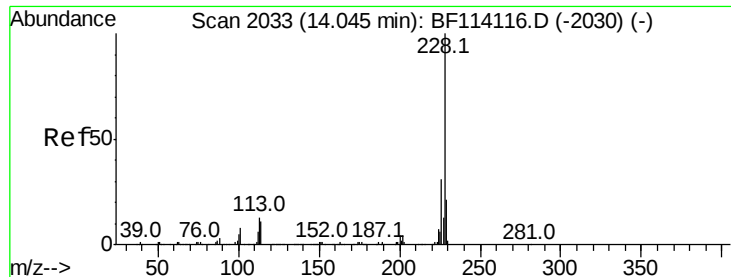
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.887 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF114259.D

Acq: 14 May 2019 17:59

Instrument :

BNA\_F

ClientSampleId :

P026-SS002-1218-01MS

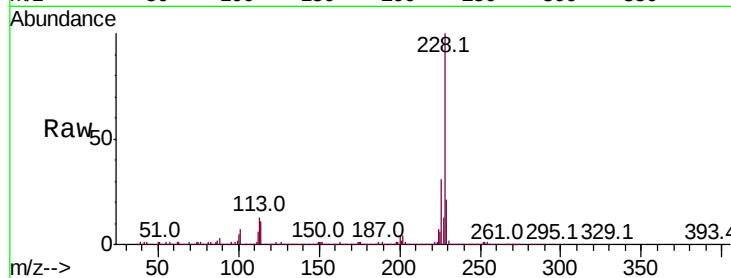
Tot Ion:228 Resp: 1464549

Ion Ratio Lower Upper

228 100

226 31.5 25.0 37.6

229 20.8 17.0 25.6

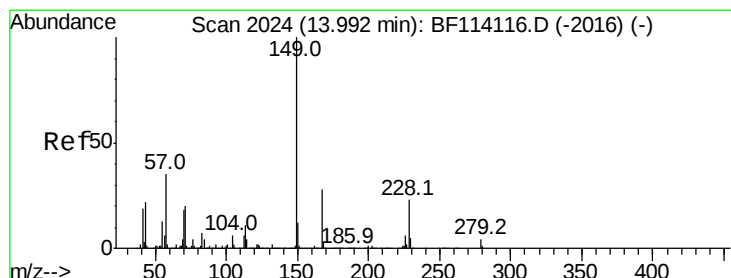
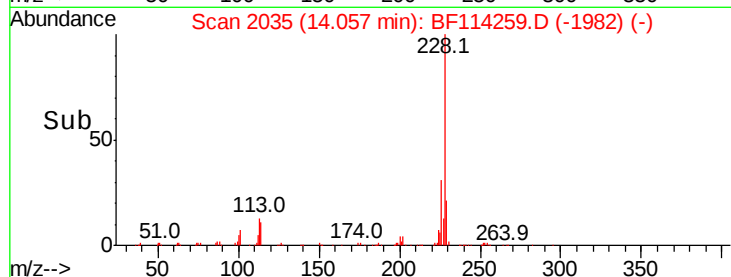
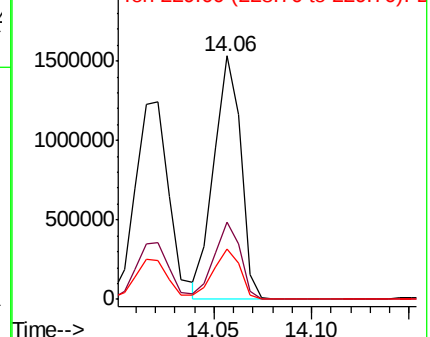


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.516 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF114259.D

Acq: 14 May 2019 17:59

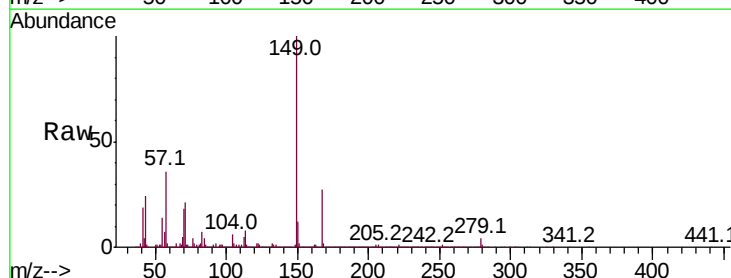
Tgt Ion:149 Resp: 934228

Ion Ratio Lower Upper

149 100

167 27.5 22.6 33.8

279 3.5 3.0 4.6

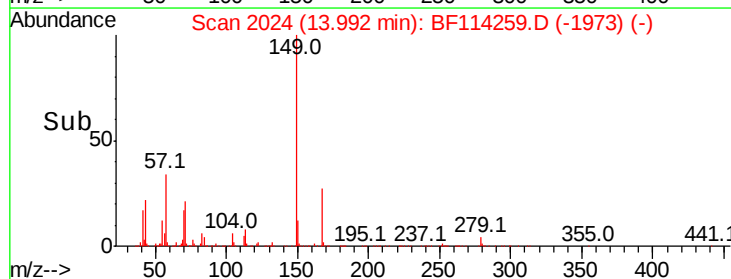
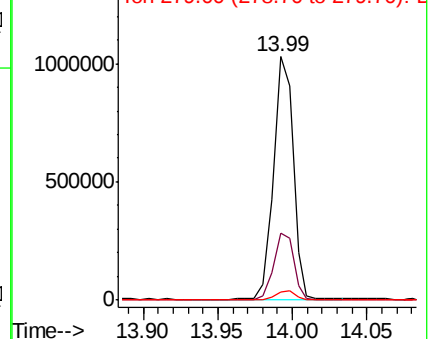


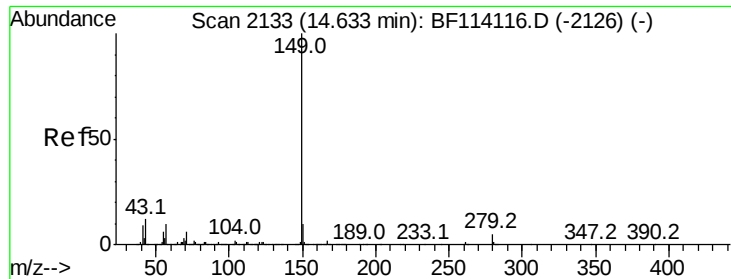
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.132 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF114259.D

Acq: 14 May 2019 17:59

Instrument :

BNA\_F

ClientSampleId :

P026-SS002-1218-01MS

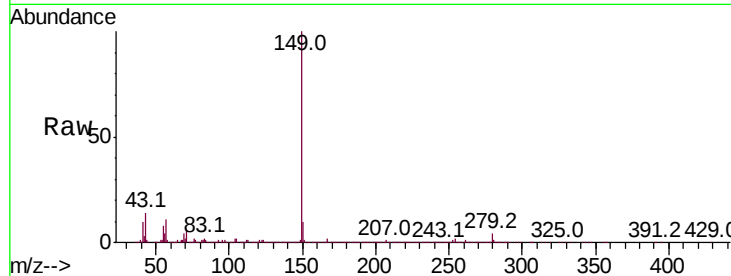
Tot Ion:149 Resp: 1668639

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

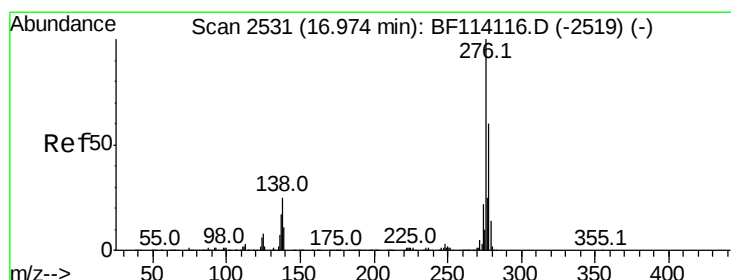
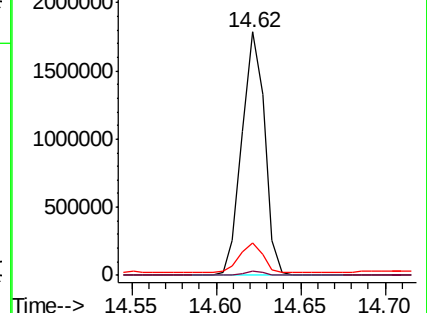
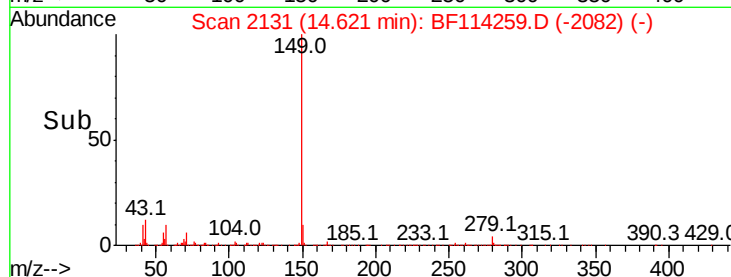
43 12.1 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.841 ng

RT: 17.02 min Scan# 2539

Delta R.T. 0.05 min

Lab File: BF114259.D

Acq: 14 May 2019 17:59

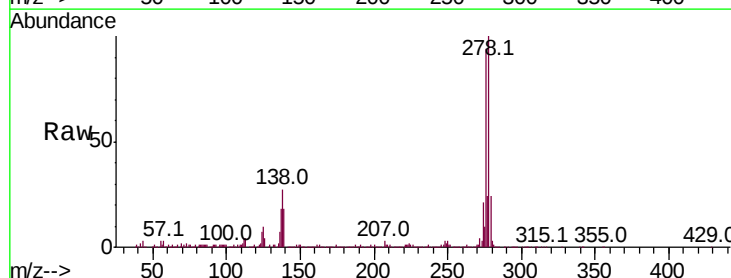
Tgt Ion:276 Resp: 1359370

Ion Ratio Lower Upper

276 100

138 25.9 20.2 30.2

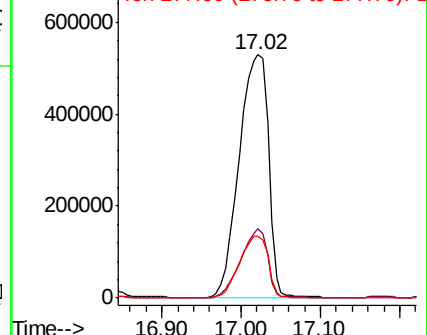
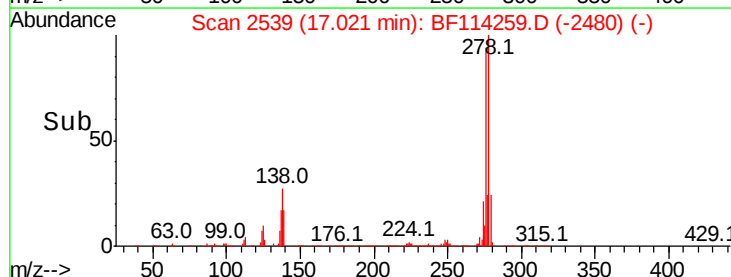
277 24.7 20.0 30.0

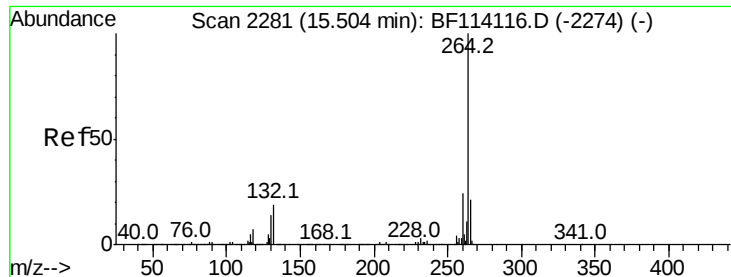


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2284

Delta R.T. 0.02 min

Lab File: BF114259.D

Acq: 14 May 2019 17:59

Instrument :

BNA\_F

ClientSampleId :

P026-SS002-1218-01MS

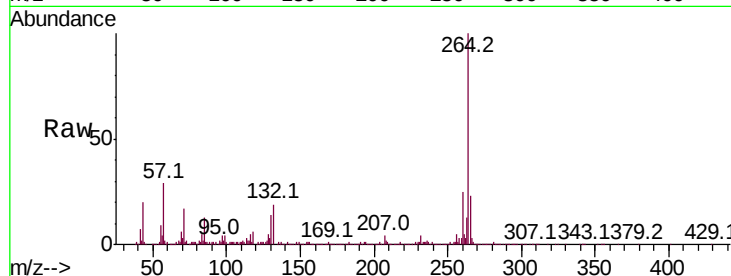
Tot Ion:264 Resp: 664036

Ion Ratio Lower Upper

264 100

260 24.8 19.4 29.0

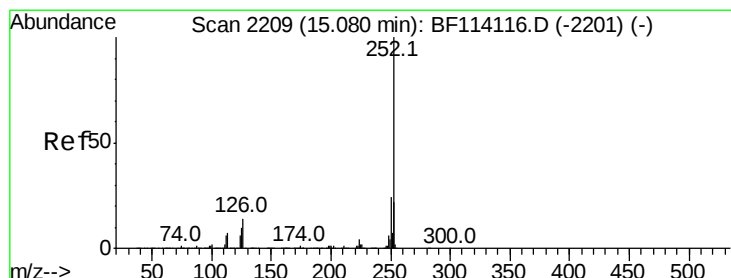
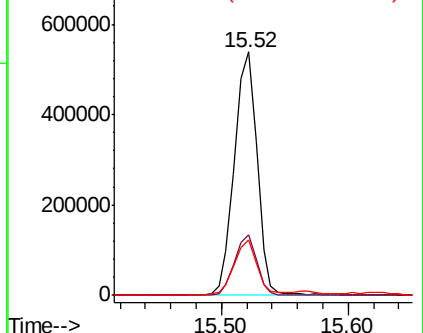
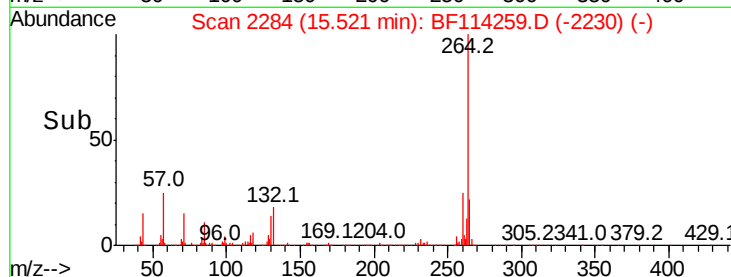
265 22.7 16.9 25.3



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



#88

Benzo(b)fluoranthene

Concen: 37.475 ng

RT: 15.09 min Scan# 2211

Delta R.T. 0.01 min

Lab File: BF114259.D

Acq: 14 May 2019 17:59

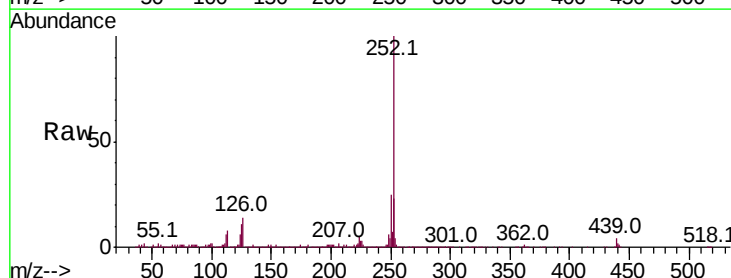
Tgt Ion:252 Resp: 1594240

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

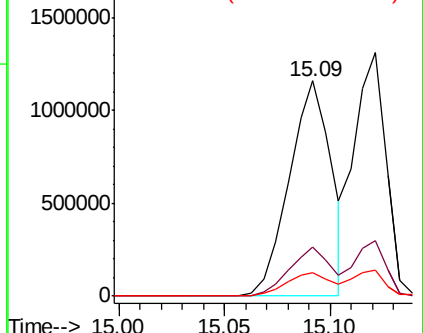
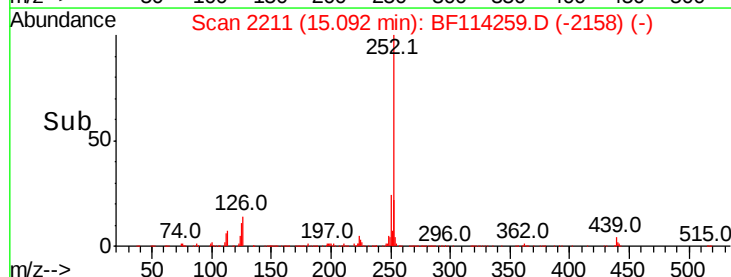
125 11.0 8.3 12.5

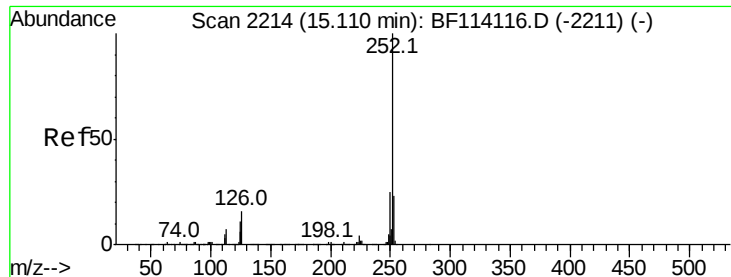


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 34.942 ng

RT: 15.12 min Scan# 2216

Delta R.T. 0.01 min

Lab File: BF114259.D

Acq: 14 May 2019 17:59

Instrument :

BNA\_F

ClientSampleId :

P026-SS002-1218-01MS

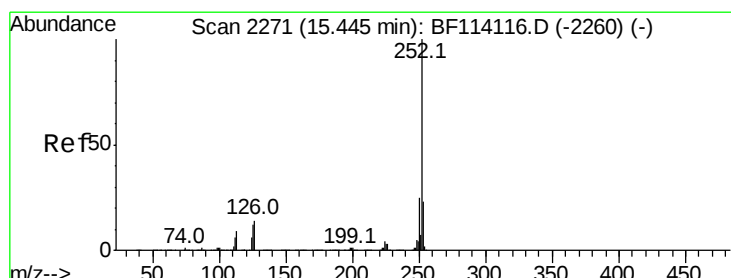
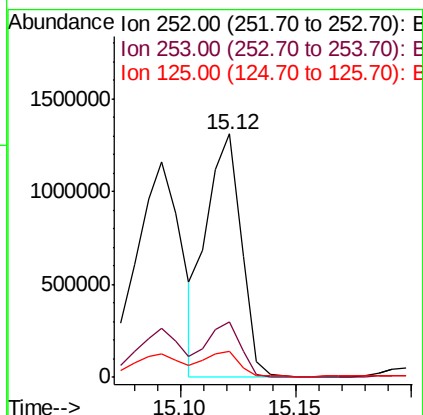
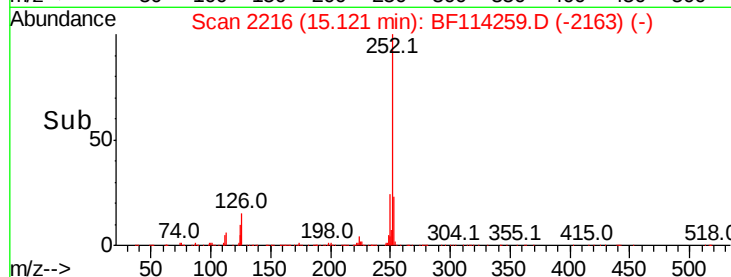
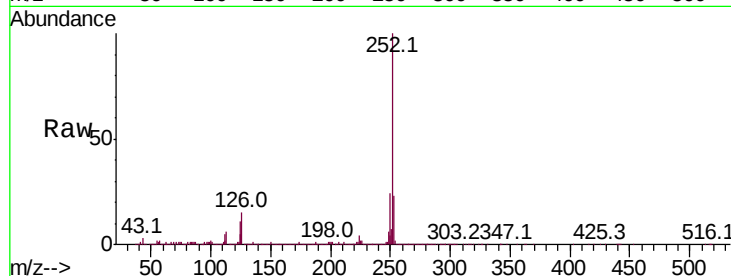
Tot Ion:252 Resp: 1365495

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.2

125 10.8 8.6 13.0



#90

Benzo(a)pyrene

Concen: 39.400 ng

RT: 15.46 min Scan# 2274

Delta R.T. 0.02 min

Lab File: BF114259.D

Acq: 14 May 2019 17:59

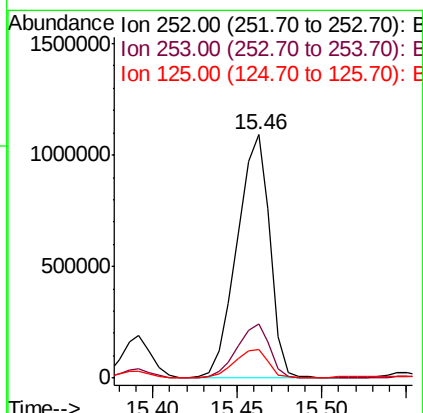
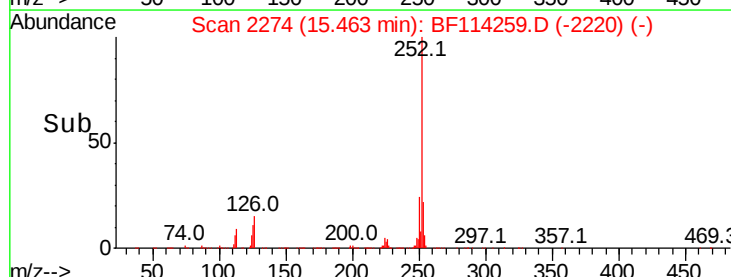
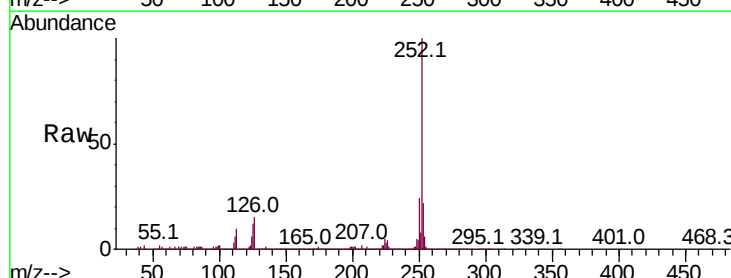
Tgt Ion:252 Resp: 1475167

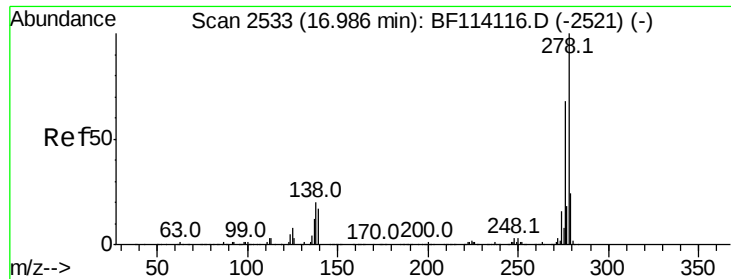
Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

125 11.9 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 33.765 ng

RT: 17.03 min Scan# 2540

Delta R.T. 0.04 min

Lab File: BF114259.D

Acq: 14 May 2019 17:59

Instrument :

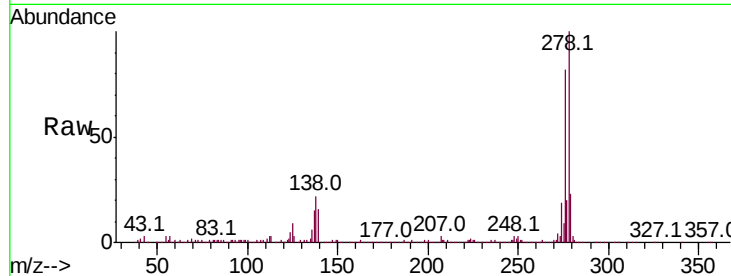
BNA\_F

ClientSampleId :

P026-SS002-1218-01MS

Tot Ion:278 Resp: 1050457

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 16.4  | 13.5  | 20.3  |
| 279 | 23.3  | 19.0  | 28.6  |

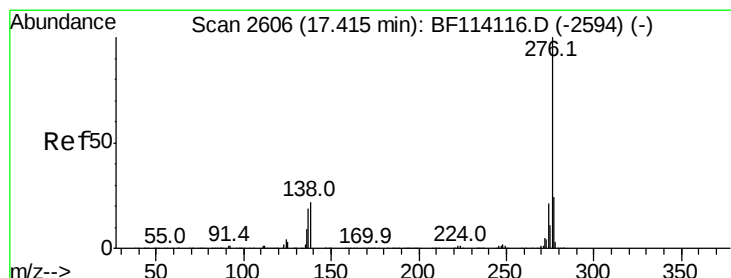
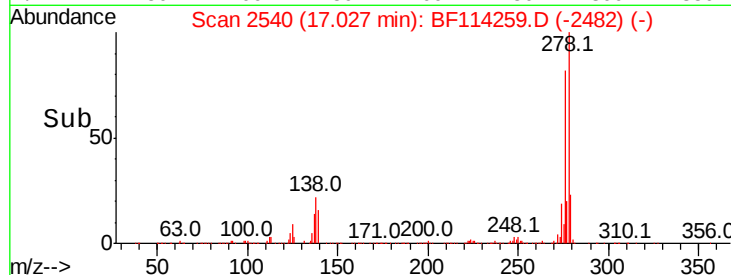
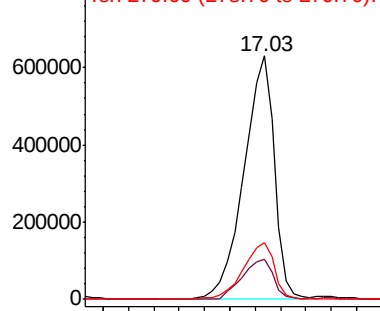


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 36.349 ng

RT: 17.46 min Scan# 2614

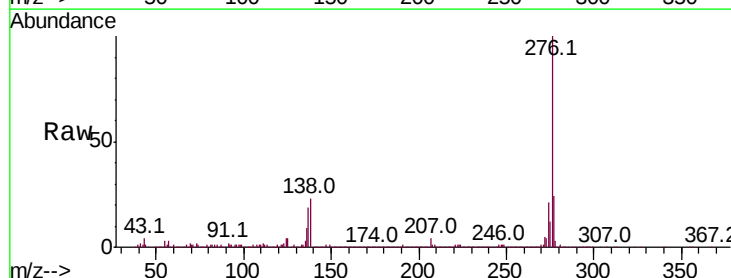
Delta R.T. 0.05 min

Lab File: BF114259.D

Acq: 14 May 2019 17:59

Tgt Ion:276 Resp: 1133285

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.9  | 19.0  | 28.4  |
| 138 | 23.4  | 17.8  | 26.6  |



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

