

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121821\  
 Data File : BF126256.D  
 Acq On : 18 Dec 2021 16:11  
 Operator : JU/CG  
 Sample : M5082-02MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SASP2-121-1(55-62)MS

Quant Time: Dec 20 08:02:46 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF121521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 16 12:22:48 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.816  | 152  | 215326   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.104  | 136  | 952978   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.857  | 164  | 447346   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.339 | 188  | 705204   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 13.980 | 240  | 370287   | 20.000  | ng    | 0.01     |
| 86) Perylene-d12              | 15.421 | 264  | 352376   | 20.000  | ng    | 0.01     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.440  | 112  | 1497081  | 102.388 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.451  | 99   | 1959889  | 105.564 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.381  | 82   | 1279550  | 72.719  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.645 | 330  | 378911   | 105.397 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.180  | 172  | 1666831  | 65.350  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.927 | 244  | 1425633  | 66.919  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.651  | 88   | 317820   | 44.529  | ng    | # 100    |
| 3) Pyridine                   | 3.381  | 79   | 715053   | 37.725  | ng    | # 76     |
| 4) n-Nitrosodimethylamine     | 3.334  | 42   | 361353   | 49.604  | ng    | # 1      |
| 6) Aniline                    | 6.481  | 93   | 1042785  | 44.218  | ng    | 97       |
| 8) 2-Chlorophenol             | 6.604  | 128  | 763801   | 51.512  | ng    | 92       |
| 9) Benzaldehyde               | 6.363  | 77   | 557928   | 49.800  | ng    | 95       |
| 10) Phenol                    | 6.463  | 94   | 1030562  | 49.450  | ng    | 94       |
| 11) bis(2-Chloroethyl)ether   | 6.557  | 93   | 802169   | 49.588  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.757  | 146  | 699313   | 46.754  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.834  | 146  | 698134   | 46.221  | ng    | 94       |
| 14) 1,2-Dichlorobenzene       | 6.986  | 146  | 679238   | 48.637  | ng    | 94       |
| 15) Benzyl Alcohol            | 6.963  | 79   | 675752   | 49.858  | ng    | 94       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.098  | 45   | 1295505  | 48.938  | ng    | 93       |
| 17) 2-Methylphenol            | 7.075  | 107  | 644007   | 49.580  | ng    | 97       |
| 18) Hexachloroethane          | 7.334  | 117  | 289017   | 48.646  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.239  | 70   | 532122   | 46.688  | ng    | # 71     |
| 20) 3+4-Methylphenols         | 7.228  | 107  | 694152   | 45.204  | ng    | # 83     |
| 22) Acetophenone              | 7.234  | 105  | 977647   | 44.576  | ng    | 95       |
| 24) Nitrobenzene              | 7.398  | 77   | 829710   | 47.235  | ng    | 90       |
| 25) Isophorone                | 7.645  | 82   | 1566213  | 47.135  | ng    | # 88     |
| 26) 2-Nitrophenol             | 7.716  | 139  | 394574   | 49.829  | ng    | # 81     |
| 27) 2,4-Dimethylphenol        | 7.757  | 122  | 686272   | 51.033  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.851  | 93   | 1001765  | 45.855  | ng    | # 97     |
| 29) 2,4-Dichlorophenol        | 7.957  | 162  | 560143   | 46.860  | ng    | 91       |
| 30) 1,2,4-Trichlorobenzene    | 8.045  | 180  | 554918   | 44.881  | ng    | 98       |
| 31) Naphthalene               | 8.122  | 128  | 2028127  | 45.508  | ng    | 99       |
| 32) Benzoic acid              | 7.886  | 122  | 551544   | 47.608  | ng    | 90       |
| 33) 4-Chloroaniline           | 8.169  | 127  | 528327   | 28.392  | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.245  | 225  | 269213   | 44.333  | ng    | 99       |
| 35) Caprolactam               | 8.551  | 113  | 139170   | 46.847  | ng    | 92       |
| 36) 4-Chloro-3-methylphenol   | 8.657  | 107  | 670213   | 47.532  | ng    | 92       |
| 37) 2-Methylnaphthalene       | 8.816  | 142  | 1281119  | 46.678  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.916  | 142  | 1196458  | 44.921  | ng    | 95       |
| 40) 1,2,4,5-Tetrachloroben... | 8.986  | 216  | 417638   | 43.256  | ng    | # 95     |
| 41) Hexachlorocyclopentadiene | 8.975  | 237  | 518658   | 93.809  | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 9.092  | 196  | 346857   | 45.669  | ng    | 93       |

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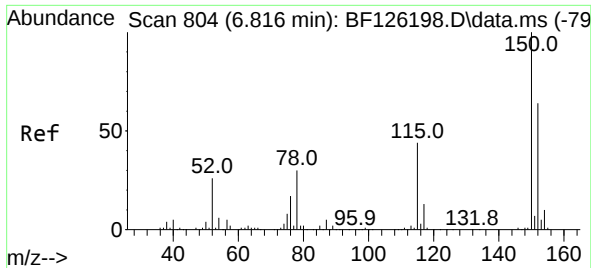
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| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.133  | 196  | 353541   | 44.950  | ng    | 96       |
| 46) 1,1'-Biphenyl             | 9.280  | 154  | 1477580  | 44.671  | ng    | 96       |
| 47) 2-Chloronaphthalene       | 9.304  | 162  | 1098680  | 44.147  | ng    | 96       |
| 48) 2-Nitroaniline            | 9.398  | 65   | 442522   | 48.716  | ng    | 89       |
| 49) Acenaphthylene            | 9.722  | 152  | 1718311  | 45.186  | ng    | 97       |
| 50) Dimethylphthalate         | 9.586  | 163  | 1280514  | 45.188  | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 9.645  | 165  | 298891   | 48.731  | ng    | 96       |
| 52) Acenaphthene              | 9.892  | 154  | 1208039  | 48.985  | ng    | 99       |
| 53) 3-Nitroaniline            | 9.810  | 138  | 269594   | 34.582  | ng #  | 79       |
| 54) 2,4-Dinitrophenol         | 9.916  | 184  | 282364   | 111.807 | ng #  | 82       |
| 55) Dibenzofuran              | 10.069 | 168  | 1466507  | 43.677  | ng    | 96       |
| 56) 4-Nitrophenol             | 9.975  | 139  | 563535   | 100.075 | ng #  | 77       |
| 57) 2,4-Dinitrotoluene        | 10.045 | 165  | 391770   | 50.073  | ng #  | 90       |
| 58) Fluorene                  | 10.410 | 166  | 1011221  | 41.602  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.180 | 232  | 265775   | 45.574  | ng #  | 100      |
| 60) Diethylphthalate          | 10.286 | 149  | 1250776  | 43.922  | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.398 | 204  | 447907   | 40.926  | ng    | 97       |
| 62) 4-Nitroaniline            | 10.427 | 138  | 346623   | 53.004  | ng #  | 72       |
| 63) Azobenzene                | 10.557 | 77   | 1528254  | 44.307  | ng    | 84       |
| 65) 4,6-Dinitro-2-methylph... | 10.451 | 198  | 182203   | 47.315  | ng    | 91       |
| 66) n-Nitrosodiphenylamine    | 10.522 | 169  | 1005043  | 44.407  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.886 | 248  | 296236   | 44.759  | ng #  | 88       |
| 68) Hexachlorobenzene         | 10.957 | 284  | 345835   | 45.433  | ng #  | 85       |
| 69) Atrazine                  | 11.045 | 200  | 301112   | 72.599  | ng    | 98       |
| 70) Pentachlorophenol         | 11.145 | 266  | 366048   | 86.681  | ng    | 92       |
| 71) Phenanthrene              | 11.369 | 178  | 1577277  | 43.334  | ng    | 95       |
| 72) Anthracene                | 11.422 | 178  | 1635521  | 44.768  | ng    | 98       |
| 73) Carbazole                 | 11.569 | 167  | 1519241  | 44.158  | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.910 | 149  | 1917710  | 43.969  | ng    | 100      |
| 75) Fluoranthene              | 12.551 | 202  | 1487503  | 45.360  | ng    | 90       |
| 77) Benzidine                 | 12.674 | 184  | 813515   | 139.354 | ng    | 98       |
| 78) Pyrene                    | 12.780 | 202  | 1534313  | 45.101  | ng    | 96       |
| 80) Butylbenzylphthalate      | 13.404 | 149  | 748188   | 46.736  | ng #  | 82       |
| 81) Benzo(a)anthracene        | 13.968 | 228  | 937606   | 42.747  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.927 | 252  | 290445   | 28.985  | ng #  | 97       |
| 83) Chrysene                  | 14.004 | 228  | 1035001  | 45.416  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 13.968 | 149  | 812780   | 45.434  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.574 | 149  | 1559305  | 48.897  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.856 | 276  | 1082850  | 46.071  | ng #  | 92       |
| 88) Benzo(b)fluoranthene      | 15.004 | 252  | 1112916  | 52.564  | ng #  | 95       |
| 89) Benzo(k)fluoranthene      | 15.033 | 252  | 886625   | 43.775  | ng #  | 95       |
| 90) Benzo(a)pyrene            | 15.362 | 252  | 990976   | 56.315  | ng #  | 95       |
| 91) Dibenzo(a,h)anthracene    | 16.874 | 278  | 902529   | 47.237  | ng #  | 94       |
| 92) Benzo(g,h,i)perylene      | 17.286 | 276  | 939602   | 47.530  | ng    | 92       |

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

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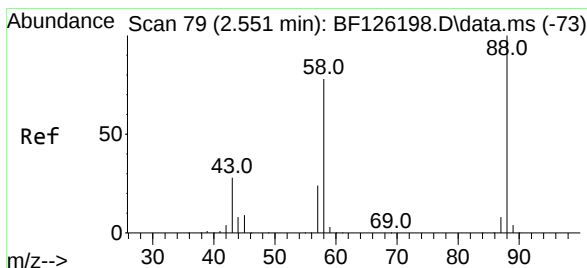
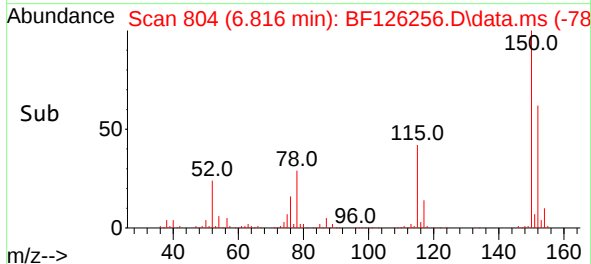
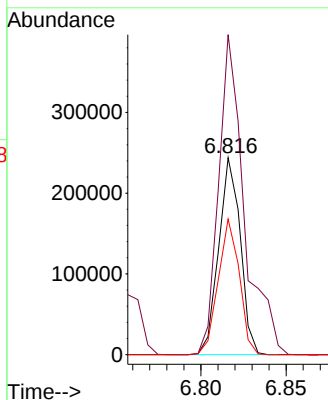
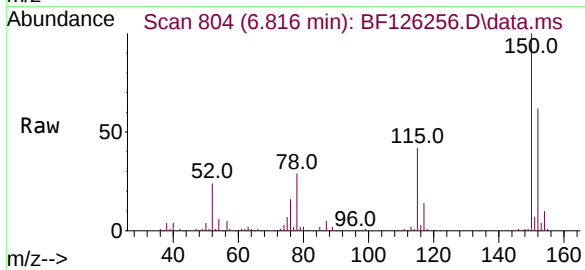




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.816 min Scan# 80  
 Delta R.T. -0.000 min  
 Lab File: BF126256.D  
 Acq: 18 Dec 2021 16:11

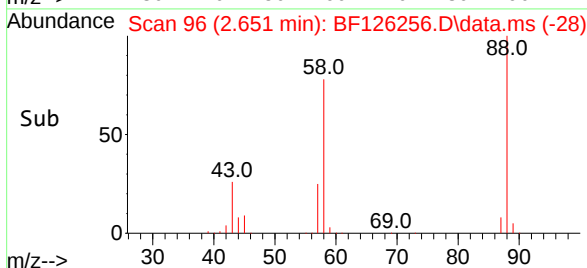
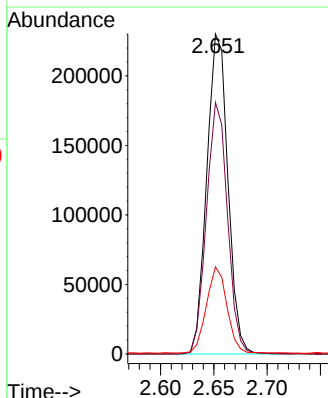
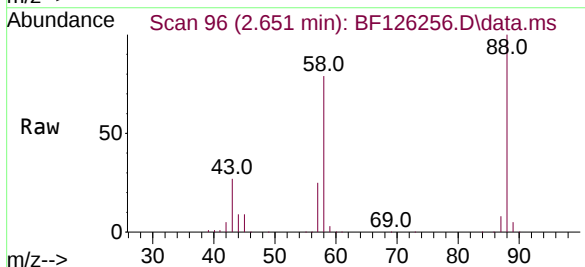
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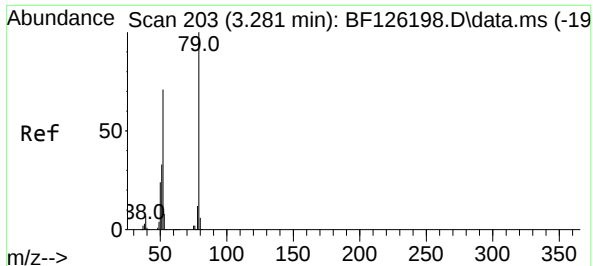
Tgt Ion:152 Resp: 215326  
 Ion Ratio Lower Upper  
 152 100  
 150 162.4 117.6 176.4  
 115 68.8 47.1 70.7



#2  
 1,4-Dioxane  
 Concen: 44.529 ng  
 RT: 2.651 min Scan# 96  
 Delta R.T. 0.100 min  
 Lab File: BF126256.D  
 Acq: 18 Dec 2021 16:11

Tgt Ion: 88 Resp: 317820  
 Ion Ratio Lower Upper  
 88 100  
 58 78.4 0.0 0.0#  
 43 26.5 0.0 0.0#

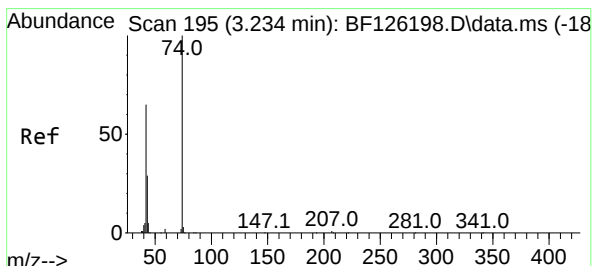
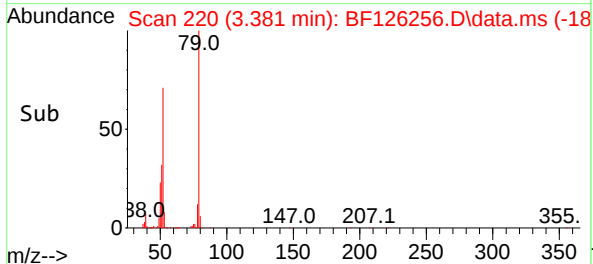
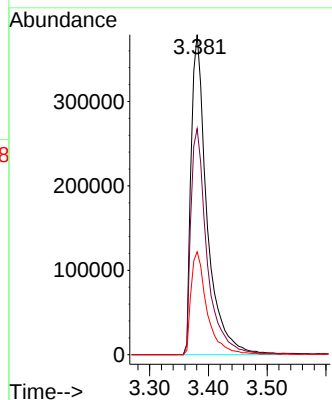
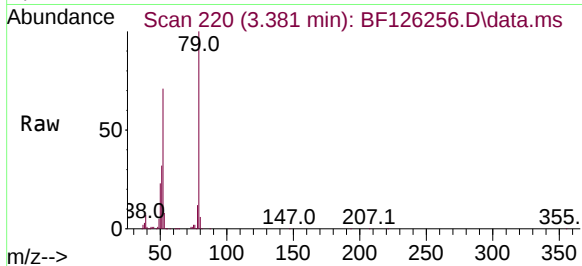




#3  
Pyridine  
Concen: 37.725 ng  
RT: 3.381 min Scan# 21  
Delta R.T. 0.100 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

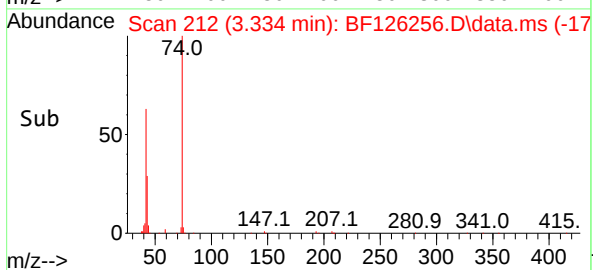
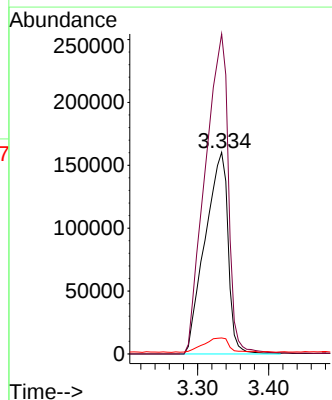
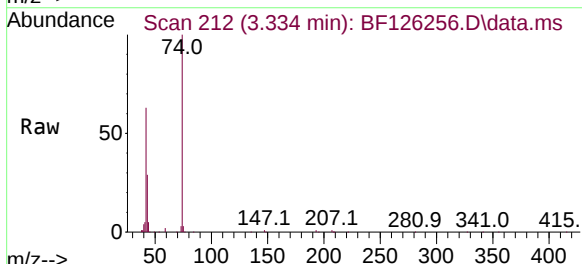
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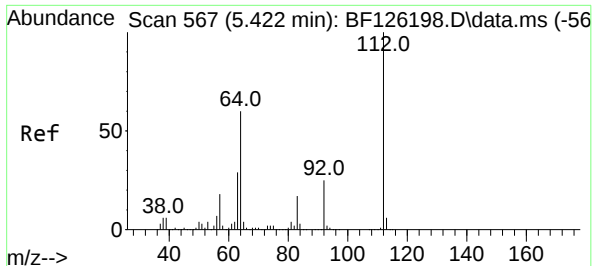
Tgt Ion: 79 Resp: 715053  
Ion Ratio Lower Upper  
79 100  
52 70.6 70.3 105.5  
51 32.2 44.1 66.1#



#4  
n-Nitrosodimethylamine  
Concen: 49.604 ng  
RT: 3.334 min Scan# 212  
Delta R.T. 0.100 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

Tgt Ion: 42 Resp: 361353  
Ion Ratio Lower Upper  
42 100  
74 158.7 59.0 88.6#  
44 8.0 0.0 0.0#

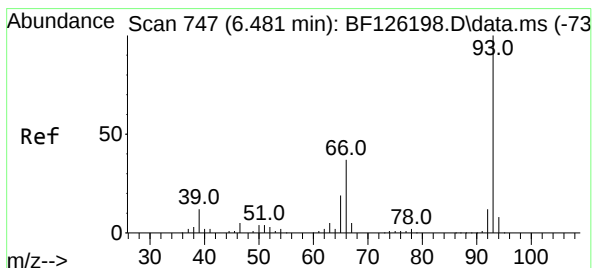
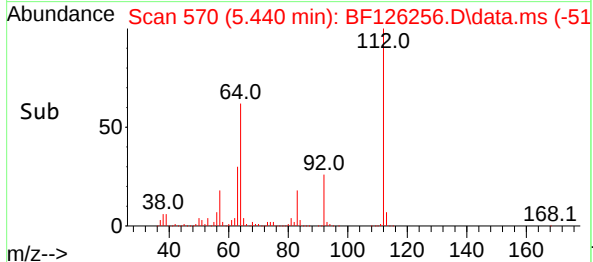
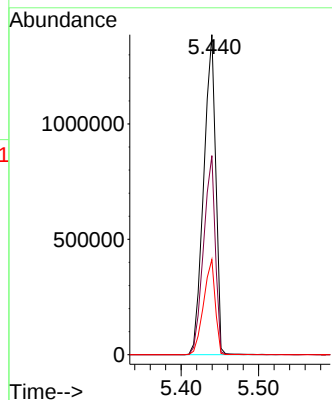
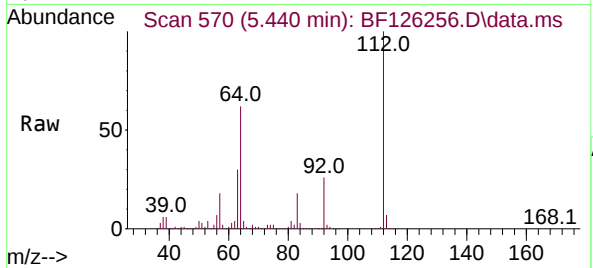




#5  
2-Fluorophenol  
Concen: 102.388 ng  
RT: 5.440 min Scan# 51  
Delta R.T. 0.018 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

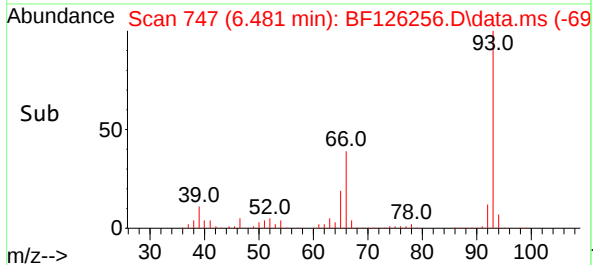
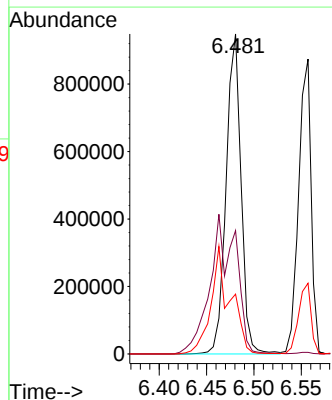
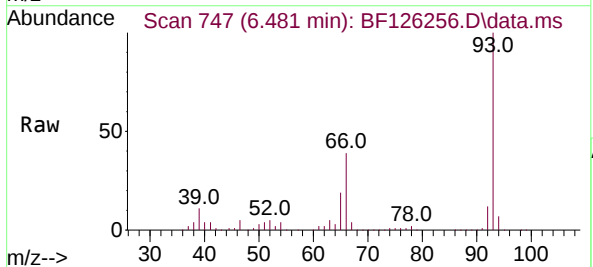
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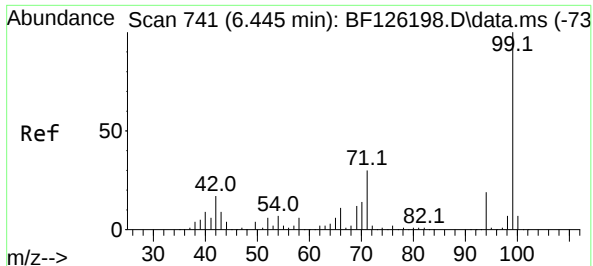
Tgt Ion:112 Resp: 1497081  
Ion Ratio Lower Upper  
112 100  
64 62.2 44.2 66.2  
63 29.8 26.2 39.2



#6  
Aniline  
Concen: 44.218 ng  
RT: 6.481 min Scan# 747  
Delta R.T. 0.000 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

Tgt Ion: 93 Resp: 1042785  
Ion Ratio Lower Upper  
93 100  
66 38.5 32.7 49.1  
65 18.7 14.2 21.4

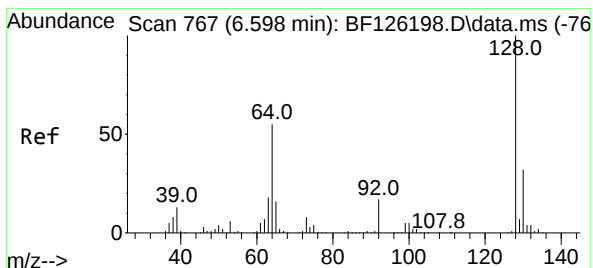
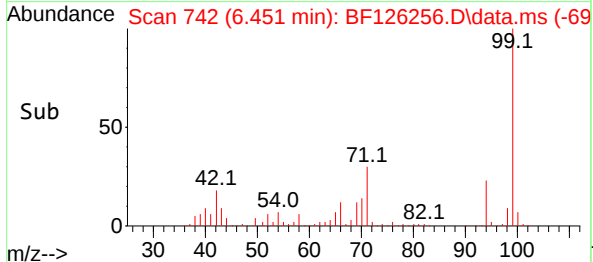
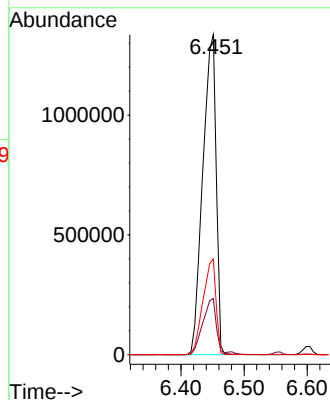
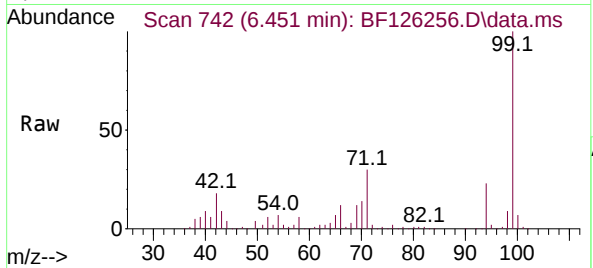




#7  
Phenol-d6  
Concen: 105.564 ng  
RT: 6.451 min Scan# 741  
Delta R.T. 0.006 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

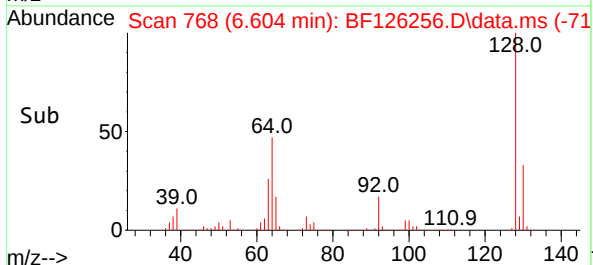
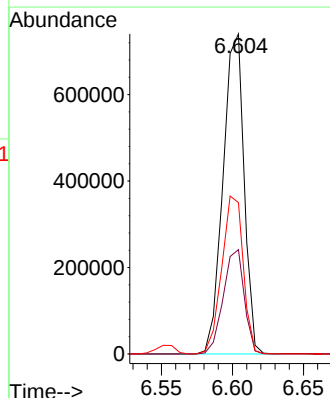
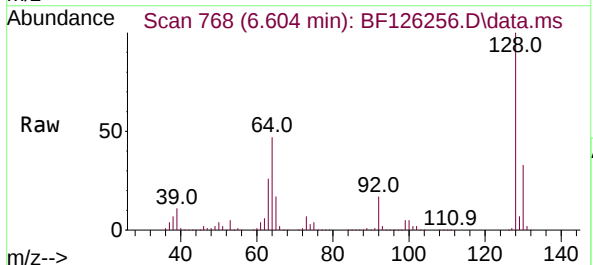
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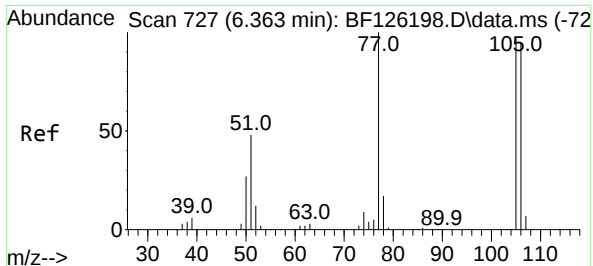
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Ion Ratio Lower Upper  
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42 17.5 23.5 35.3#  
71 29.9 25.6 38.4



#8  
2-Chlorophenol  
Concen: 51.512 ng  
RT: 6.604 min Scan# 768  
Delta R.T. 0.006 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

Tgt Ion:128 Resp: 763801  
Ion Ratio Lower Upper  
128 100  
130 32.6 10.5 50.5  
64 47.3 20.3 60.3

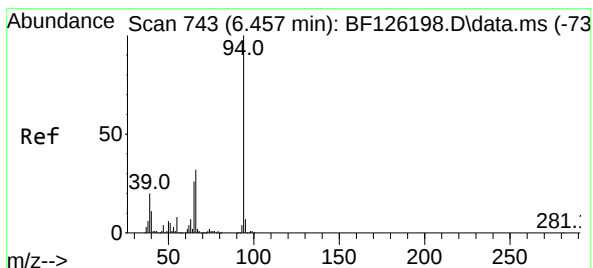
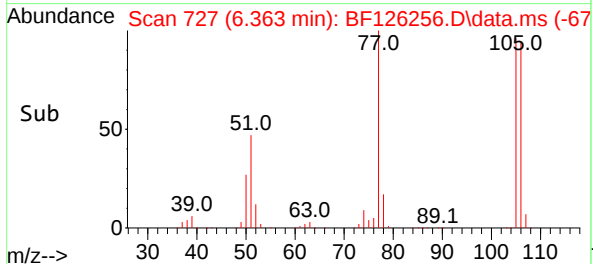
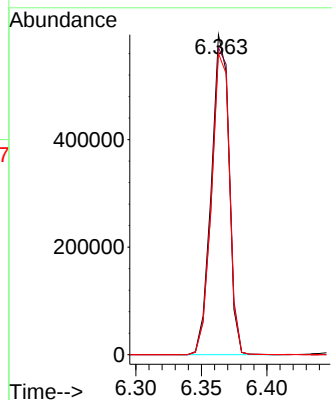
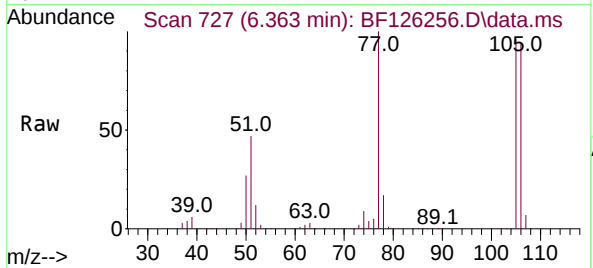




#9  
Benzaldehyde  
Concen: 49.800 ng  
RT: 6.363 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

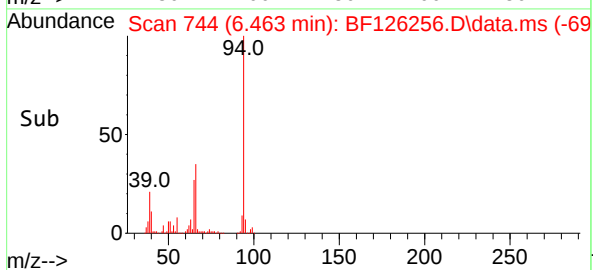
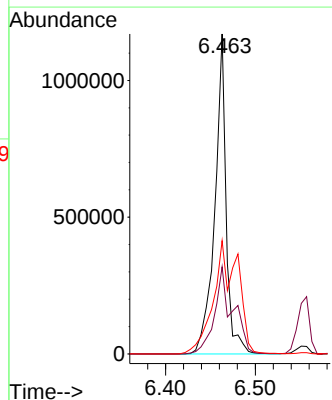
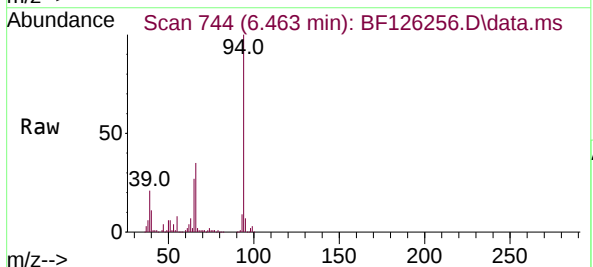
Instrument :  
BNA\_F  
ClientSampleId :  
SASP2-121-1(55-62)MS

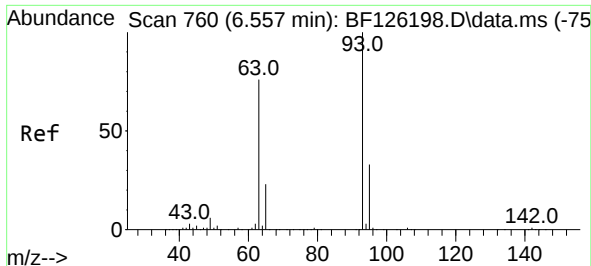
Tgt Ion: 77 Resp: 557928  
Ion Ratio Lower Upper  
77 100  
105 95.9 75.9 115.9  
106 94.1 84.0 124.0



#10  
Phenol  
Concen: 49.450 ng  
RT: 6.463 min Scan# 744  
Delta R.T. 0.006 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

Tgt Ion: 94 Resp: 1030562  
Ion Ratio Lower Upper  
94 100  
65 27.2 9.3 49.3  
66 35.4 20.3 60.3

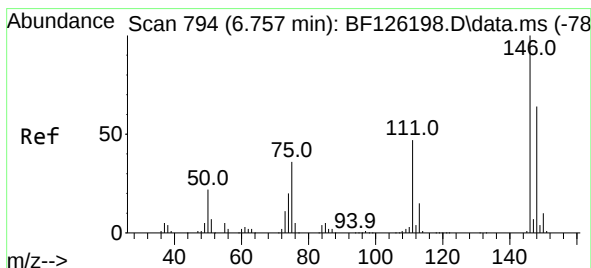
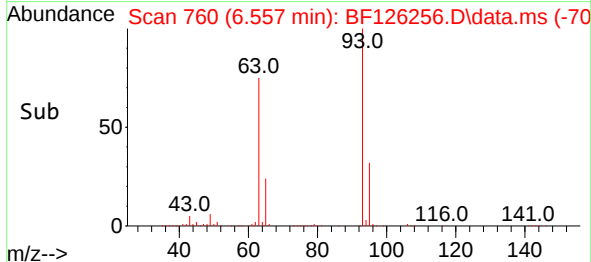
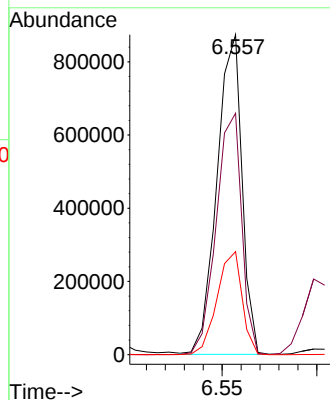
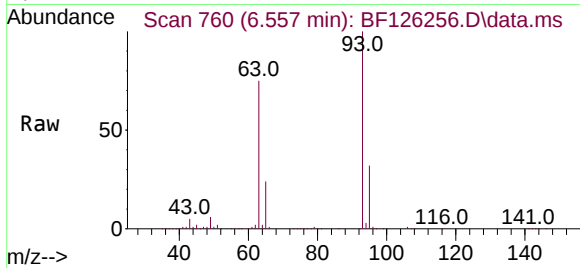




#11  
bis(2-Chloroethyl)ether  
Concen: 49.588 ng  
RT: 6.557 min Scan# 760  
Delta R.T. 0.000 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

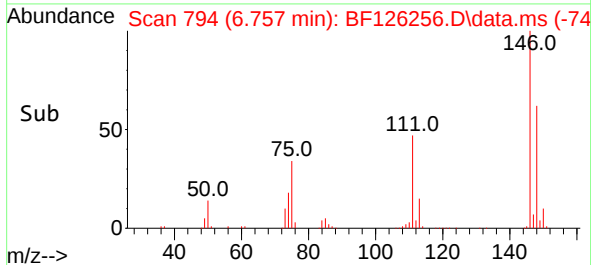
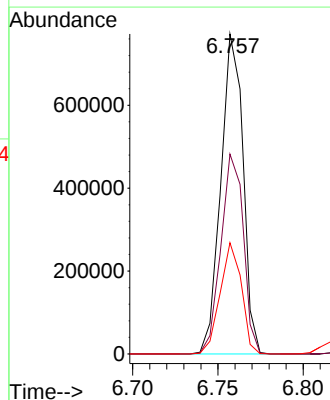
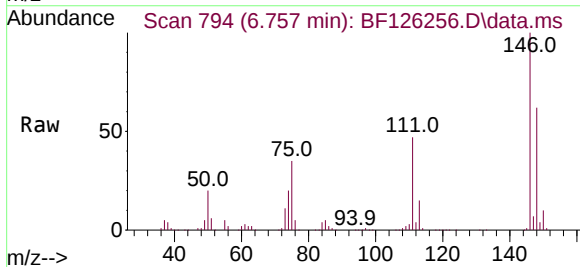
Instrument :  
BNA\_F  
ClientSampleId :  
SASP2-121-1(55-62)MS

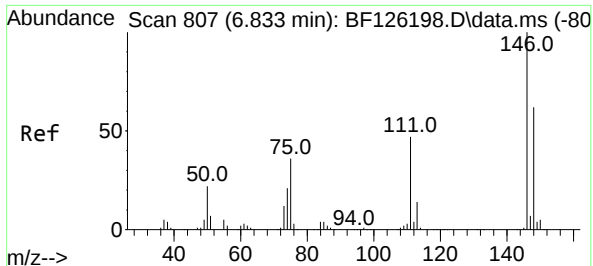
Tgt Ion: 93 Resp: 802169  
Ion Ratio Lower Upper  
93 100  
63 75.5 54.4 94.4  
95 32.2 11.4 51.4



#12  
1,3-Dichlorobenzene  
Concen: 46.754 ng  
RT: 6.757 min Scan# 794  
Delta R.T. 0.000 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

Tgt Ion:146 Resp: 699313  
Ion Ratio Lower Upper  
146 100  
148 62.5 49.7 74.5  
75 34.7 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 46.221 ng

RT: 6.834 min Scan# 807

Delta R.T. 0.000 min

Lab File: BF126256.D

Acq: 18 Dec 2021 16:11

Instrument :

BNA\_F

ClientSampleId :

SASP2-121-1(55-62)MS

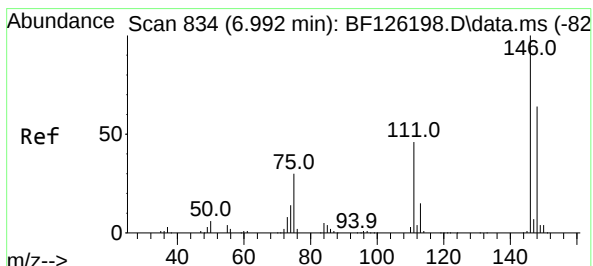
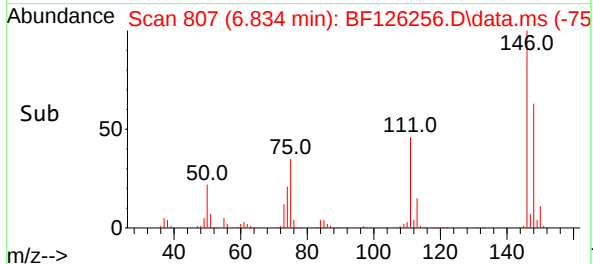
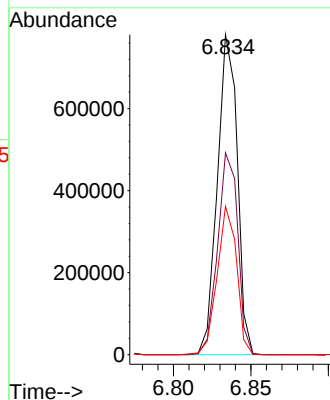
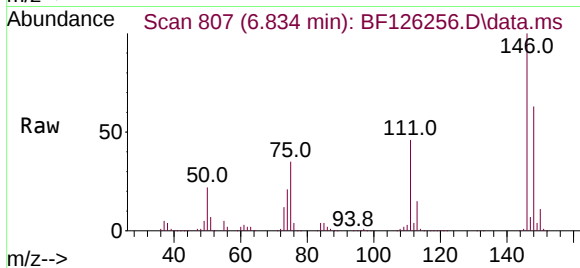
Tgt Ion:146 Resp: 698134

Ion Ratio Lower Upper

146 100

148 63.1 51.9 77.9

111 46.4 31.8 47.6



#14

1,2-Dichlorobenzene

Concen: 48.637 ng

RT: 6.986 min Scan# 833

Delta R.T. -0.006 min

Lab File: BF126256.D

Acq: 18 Dec 2021 16:11

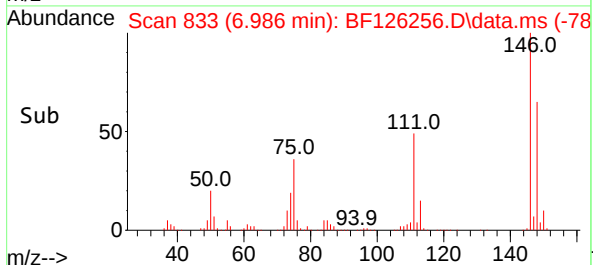
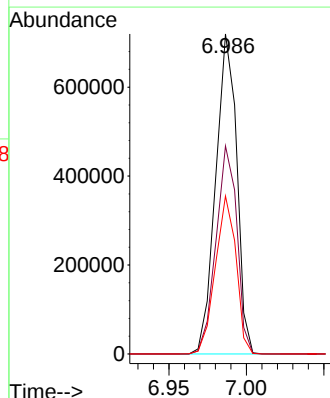
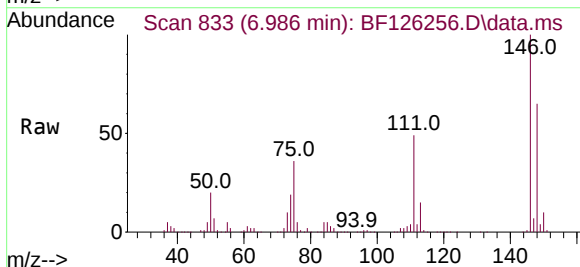
Tgt Ion:146 Resp: 679238

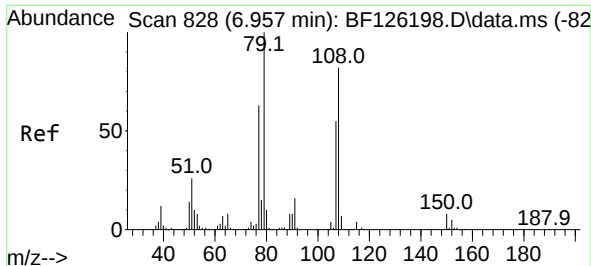
Ion Ratio Lower Upper

146 100

148 65.0 50.6 75.8

111 49.3 33.5 50.3

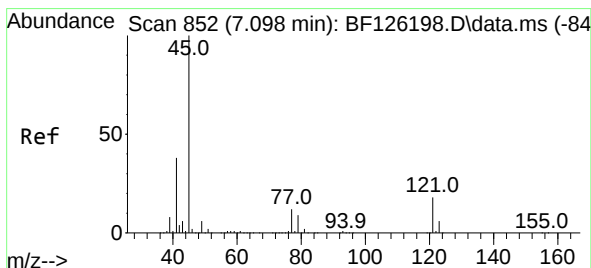
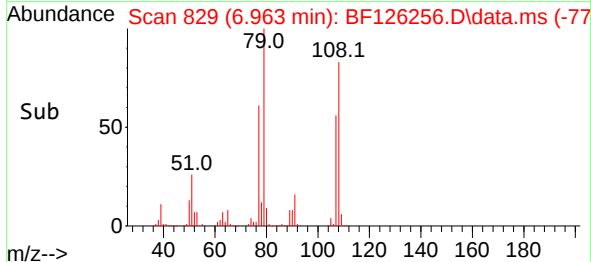
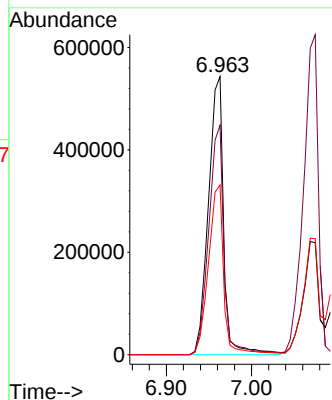
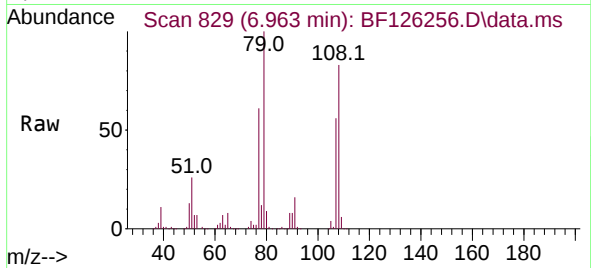




#15  
Benzyl Alcohol  
Concen: 49.858 ng  
RT: 6.963 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

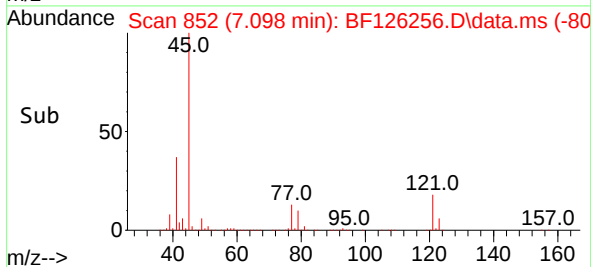
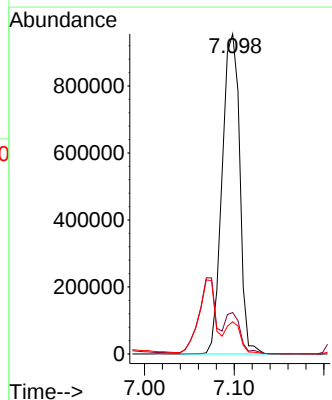
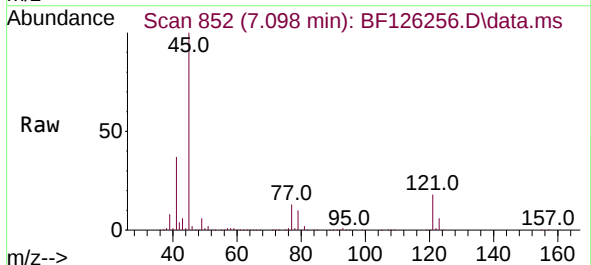
Instrument :  
BNA\_F  
ClientSampleId :  
SASP2-121-1(55-62)MS

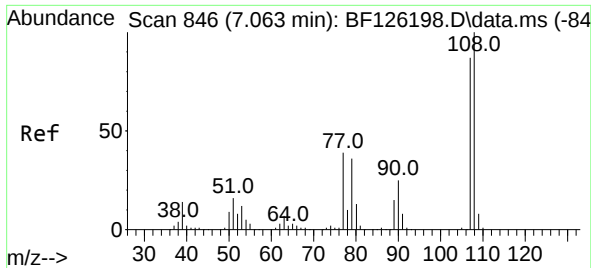
Tgt Ion: 79 Resp: 675752  
Ion Ratio Lower Upper  
79 100  
108 82.5 60.4 90.6  
77 61.1 51.5 77.3



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 48.938 ng  
RT: 7.098 min Scan# 852  
Delta R.T. 0.000 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

Tgt Ion: 45 Resp: 1295505  
Ion Ratio Lower Upper  
45 100  
77 13.0 0.0 30.6  
79 10.0 0.0 27.5

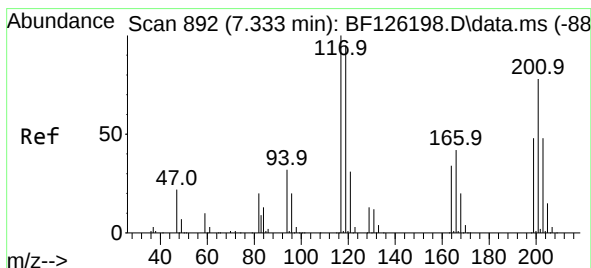
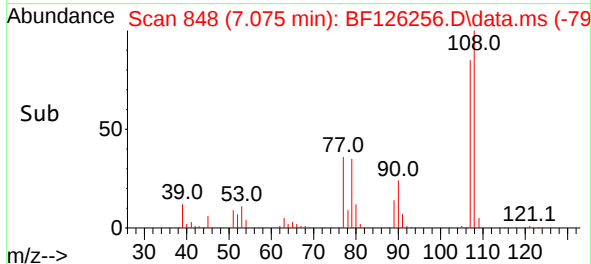
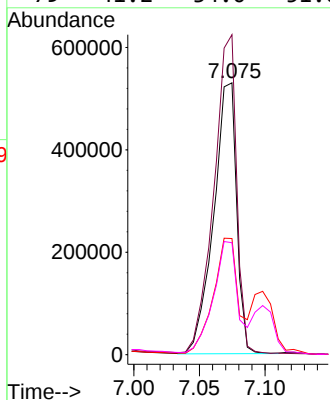
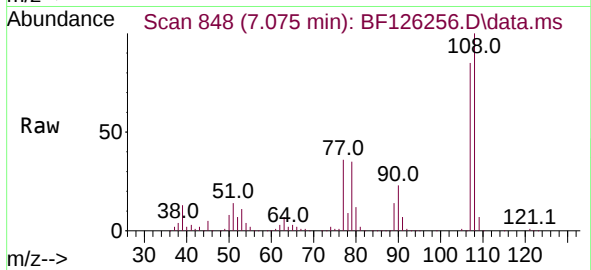




#17  
2-Methylphenol  
Concen: 49.580 ng  
RT: 7.075 min Scan# 846  
Delta R.T. 0.012 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

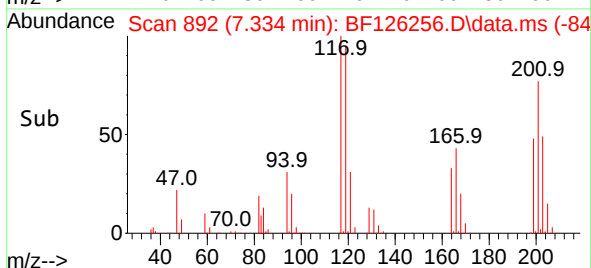
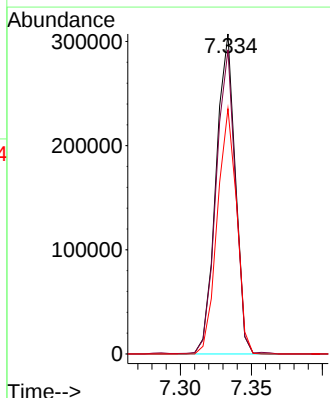
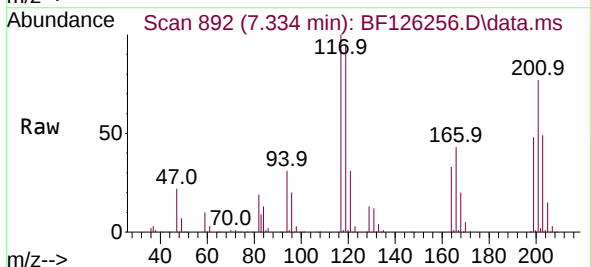
Instrument :  
BNA\_F  
ClientSampleId :  
SASP2-121-1(55-62)MS

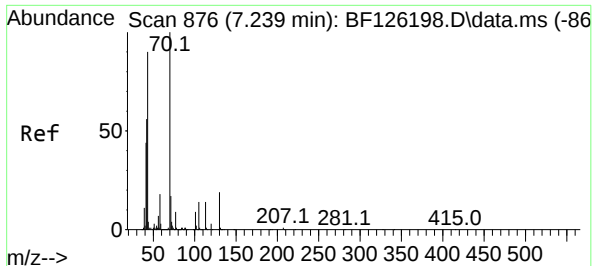
|             |              |
|-------------|--------------|
| Tgt Ion:107 | Resp: 644007 |
| Ion Ratio   | Lower Upper  |
| 107 100     |              |
| 108 117.7   | 90.6 135.8   |
| 77 42.7     | 35.7 53.5    |
| 79 41.2     | 34.0 51.0    |



#18  
Hexachloroethane  
Concen: 48.646 ng  
RT: 7.334 min Scan# 892  
Delta R.T. 0.000 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

|             |              |
|-------------|--------------|
| Tgt Ion:117 | Resp: 289017 |
| Ion Ratio   | Lower Upper  |
| 117 100     |              |
| 119 95.1    | 73.4 110.2   |
| 201 76.6    | 64.9 97.3    |

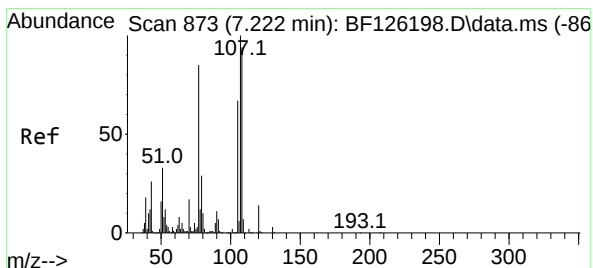
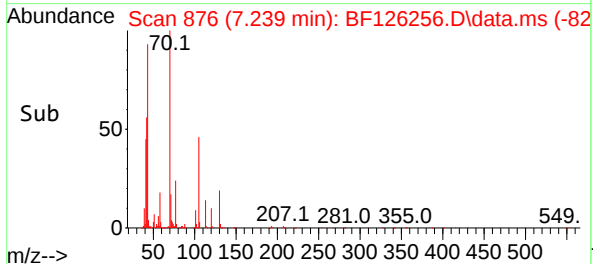
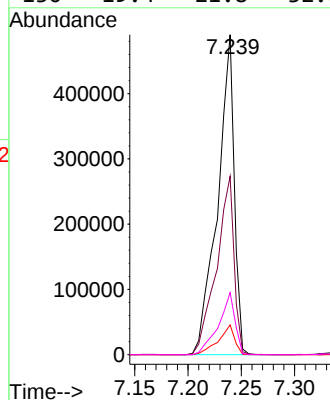
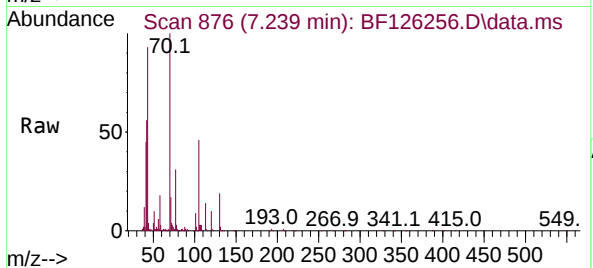




#19  
n-Nitroso-di-n-propylamine  
Concen: 46.688 ng  
RT: 7.239 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

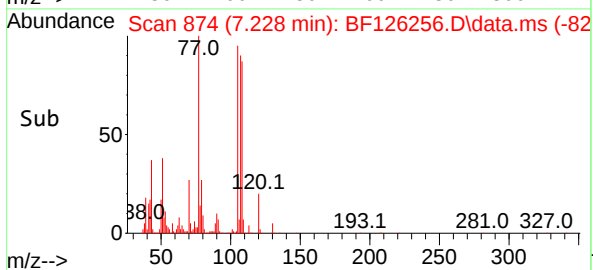
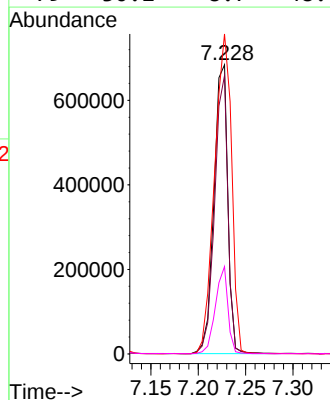
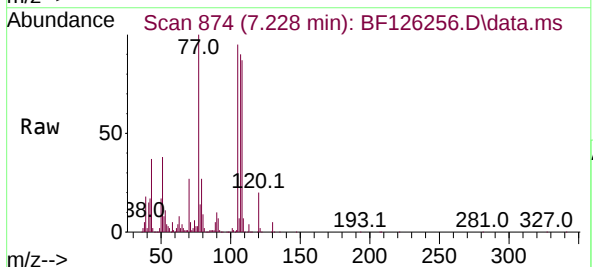
Instrument :  
BNA\_F  
ClientSampleId :  
SASP2-121-1(55-62)MS

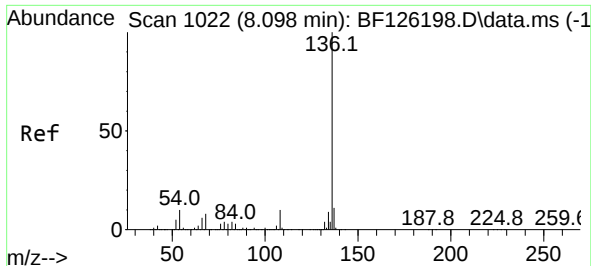
Tgt Ion: 70 Resp: 532122  
Ion Ratio Lower Upper  
70 100  
42 55.8 72.2 108.2#  
101 9.3 7.8 11.8  
130 19.4 21.8 32.6#



#20  
3+4-Methylphenols  
Concen: 45.204 ng  
RT: 7.228 min Scan# 874  
Delta R.T. 0.006 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

Tgt Ion: 107 Resp: 694152  
Ion Ratio Lower Upper  
107 100  
108 96.3 76.6 116.6  
77 110.7 53.3 93.3#  
79 30.2 8.7 48.7

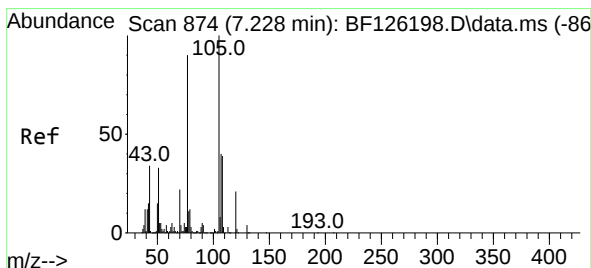
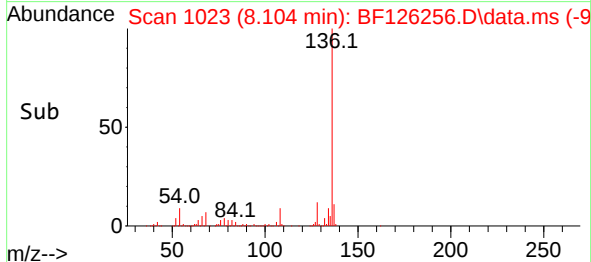
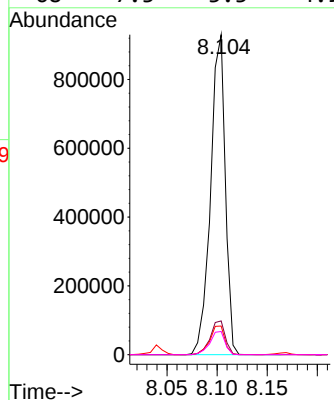
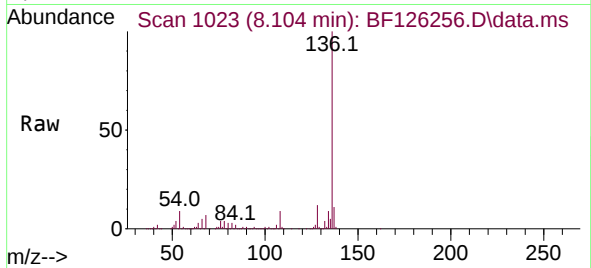




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.104 min Scan# 1023  
Delta R.T. 0.006 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

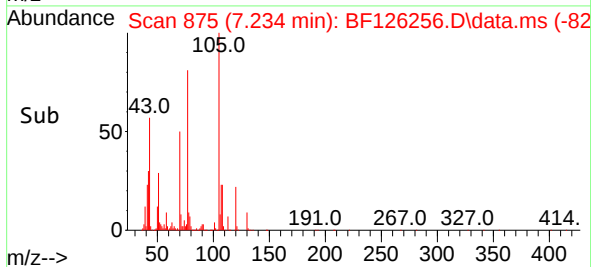
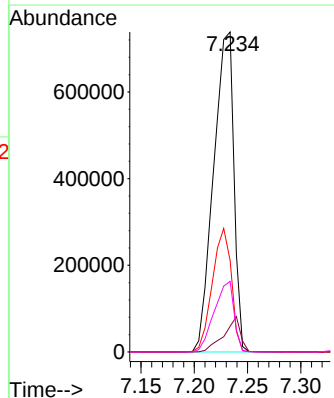
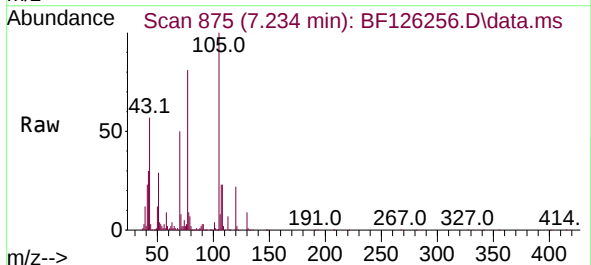
Instrument :  
BNA\_F  
ClientSampleId :  
SASP2-121-1(55-62)MS

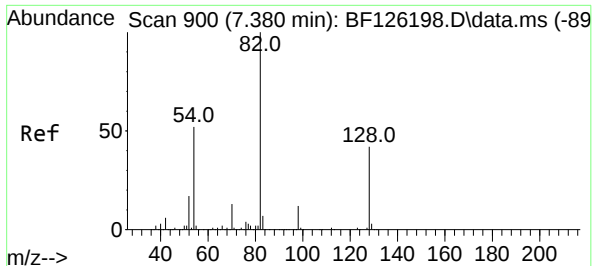
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 952978 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.6  | 9.8   | 14.6   |
| 54        | 9.0   | 6.4   | 9.6    |
| 68        | 7.3   | 3.3   | 4.9    |



#22  
Acetophenone  
Concen: 44.576 ng  
RT: 7.234 min Scan# 875  
Delta R.T. 0.006 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 977647 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 8.0   | 5.5   | 8.3    |
| 51        | 28.6  | 26.0  | 39.0   |
| 120       | 22.0  | 18.5  | 27.7   |





#23

Nitrobenzene-d5

Concen: 72.719 ng

RT: 7.381 min Scan# 900

Delta R.T. 0.000 min

Lab File: BF126256.D

Acq: 18 Dec 2021 16:11

Instrument :

BNA\_F

ClientSampleId :

SASP2-121-1(55-62)MS

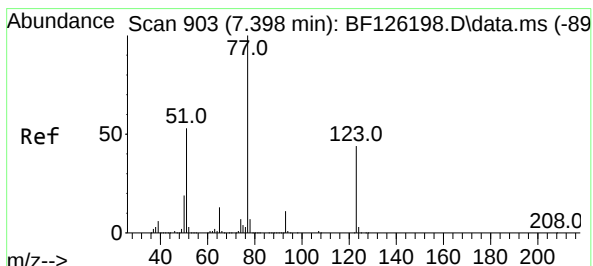
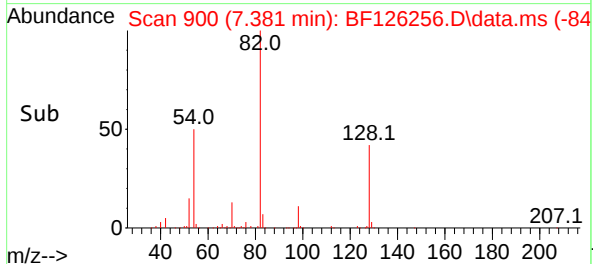
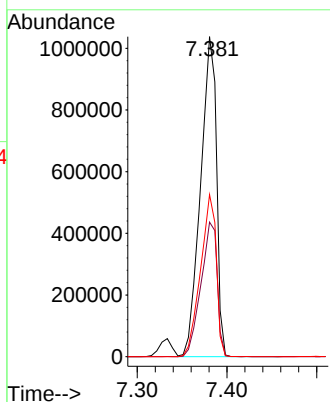
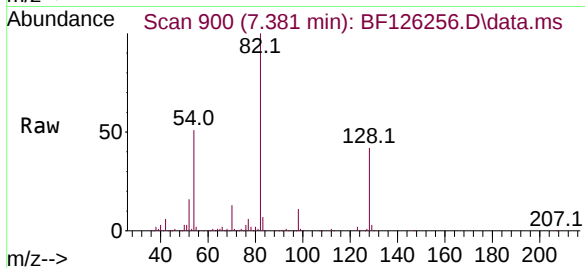
Tgt Ion: 82 Resp: 1279550

Ion Ratio Lower Upper

82 100

128 42.1 40.6 60.8

54 50.6 49.6 74.4



#24

Nitrobenzene

Concen: 47.235 ng

RT: 7.398 min Scan# 903

Delta R.T. 0.000 min

Lab File: BF126256.D

Acq: 18 Dec 2021 16:11

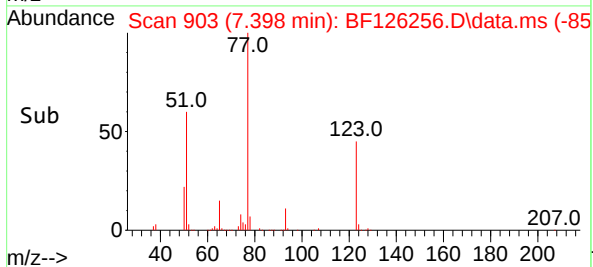
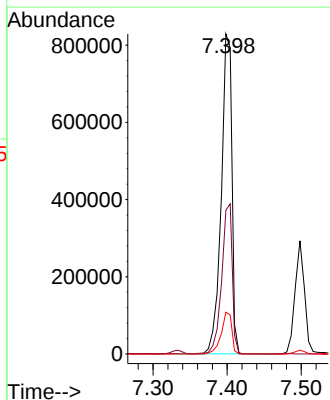
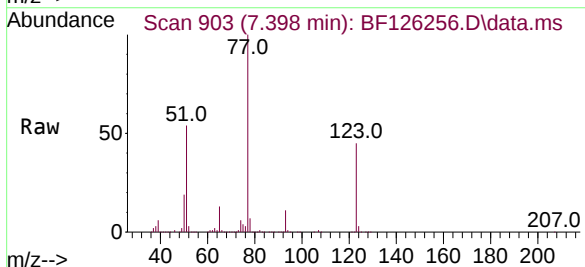
Tgt Ion: 77 Resp: 829710

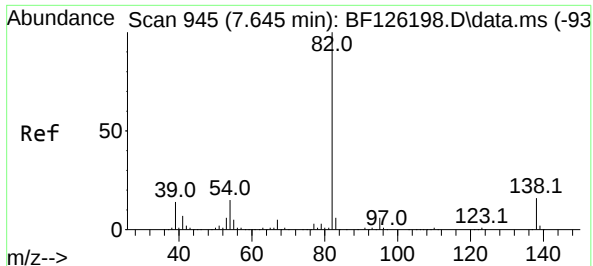
Ion Ratio Lower Upper

77 100

123 44.9 42.3 63.5

65 13.1 12.4 18.6

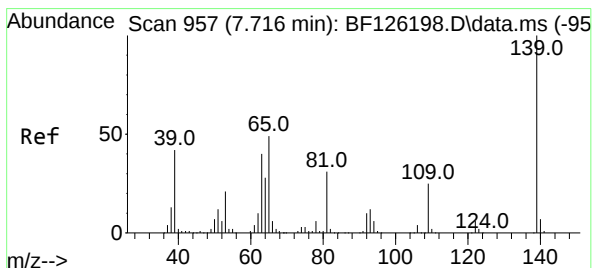
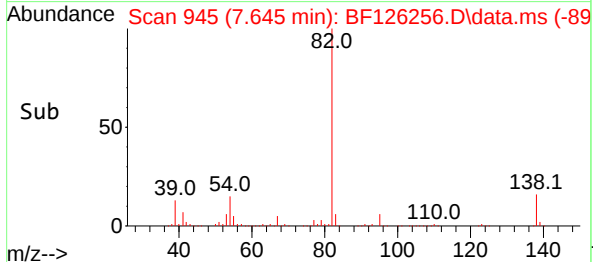
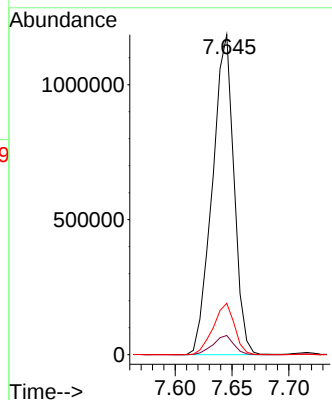
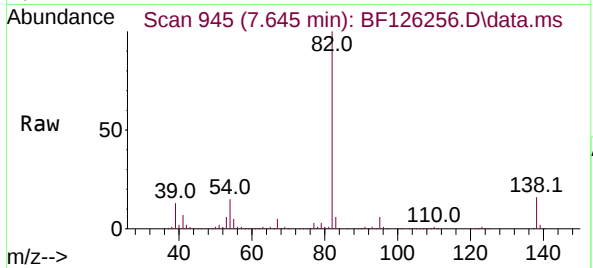




#25  
Isophorone  
Concen: 47.135 ng  
RT: 7.645 min Scan# 945  
Delta R.T. 0.000 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

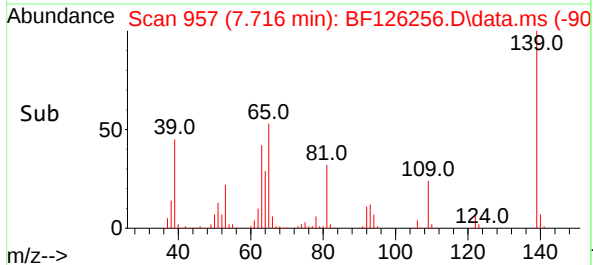
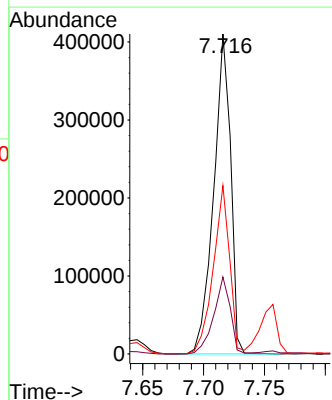
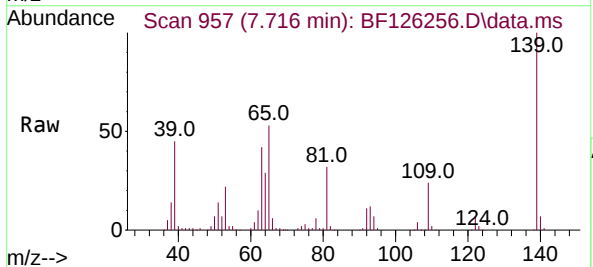
Instrument :  
BNA\_F  
ClientSampleId :  
SASP2-121-1(55-62)MS

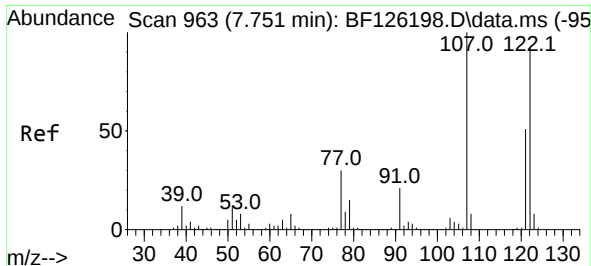
Tgt Ion: 82 Resp: 1566213  
Ion Ratio Lower Upper  
82 100  
95 6.0 6.5 9.7#  
138 16.1 18.4 27.6#



#26  
2-Nitrophenol  
Concen: 49.829 ng  
RT: 7.716 min Scan# 957  
Delta R.T. 0.000 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

Tgt Ion: 139 Resp: 394574  
Ion Ratio Lower Upper  
139 100  
109 24.1 26.0 39.0#  
65 52.6 31.0 46.4#





#27

2,4-Dimethylphenol

Concen: 51.033 ng

RT: 7.757 min Scan# 9

Delta R.T. 0.006 min

Lab File: BF126256.D

Acq: 18 Dec 2021 16:11

Instrument :

BNA\_F

ClientSampleId :

SASP2-121-1(55-62)MS

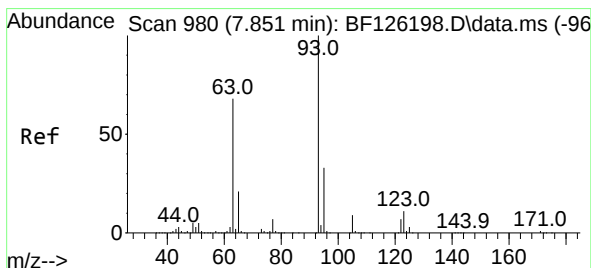
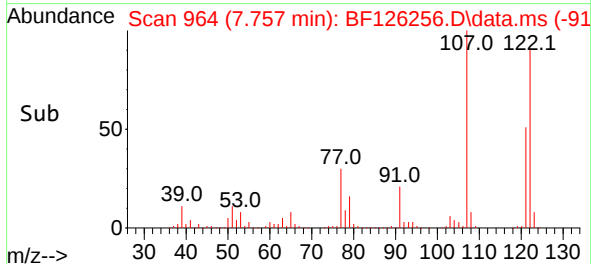
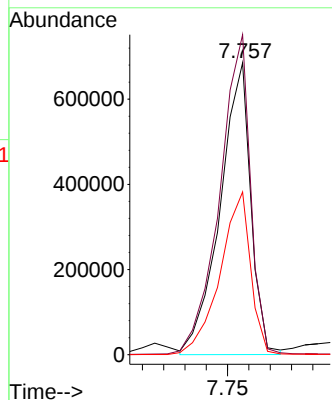
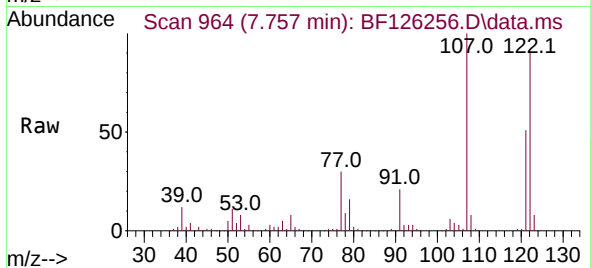
Tgt Ion:122 Resp: 686272

Ion Ratio Lower Upper

122 100

107 109.6 85.0 127.6

121 55.7 43.3 64.9



#28

bis(2-Chloroethoxy)methane

Concen: 45.855 ng

RT: 7.851 min Scan# 980

Delta R.T. 0.000 min

Lab File: BF126256.D

Acq: 18 Dec 2021 16:11

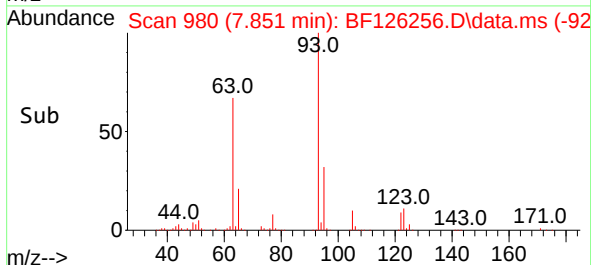
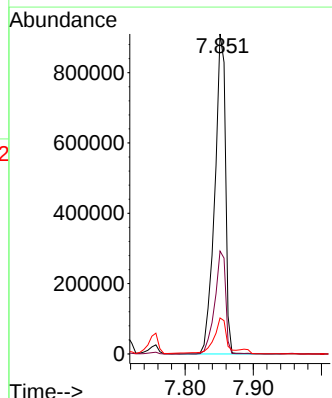
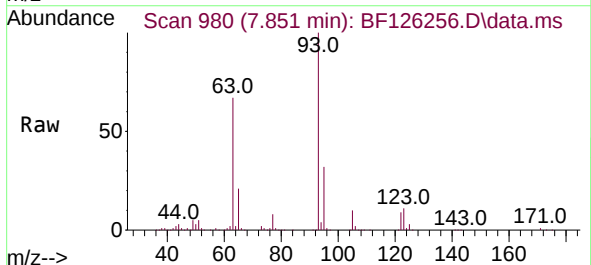
Tgt Ion: 93 Resp: 1001765

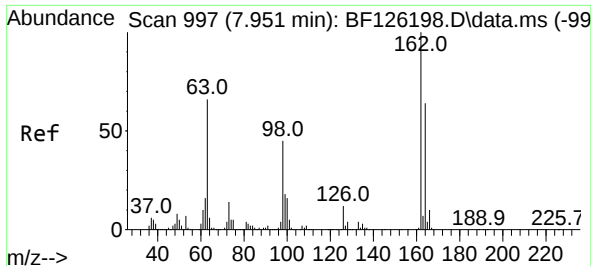
Ion Ratio Lower Upper

93 100

95 32.1 26.1 39.1

123 11.3 11.7 17.5#





#29

2,4-Dichlorophenol

Concen: 46.860 ng

RT: 7.957 min Scan# 99

Delta R.T. 0.006 min

Lab File: BF126256.D

Acq: 18 Dec 2021 16:11

Instrument :

BNA\_F

ClientSampleId :

SASP2-121-1(55-62)MS

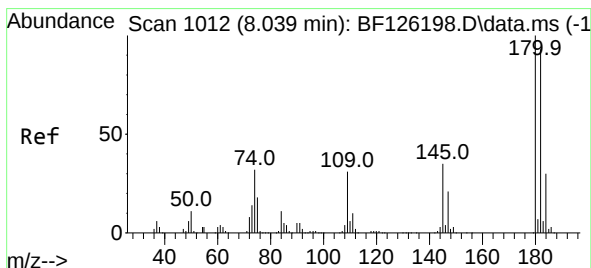
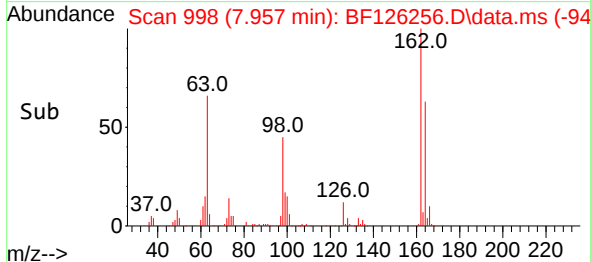
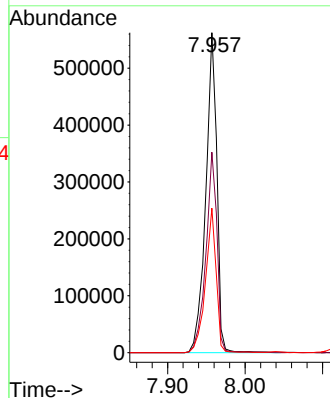
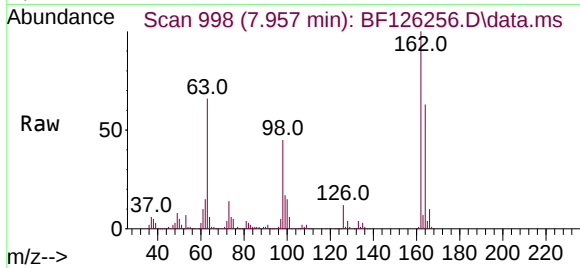
Tgt Ion:162 Resp: 560143

Ion Ratio Lower Upper

162 100

164 62.6 44.5 84.5

98 45.2 13.0 53.0



#30

1,2,4-Trichlorobenzene

Concen: 44.881 ng

RT: 8.045 min Scan# 1013

Delta R.T. 0.006 min

Lab File: BF126256.D

Acq: 18 Dec 2021 16:11

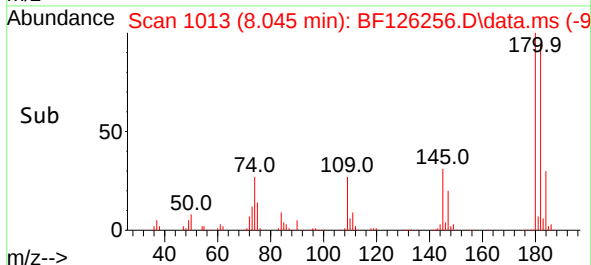
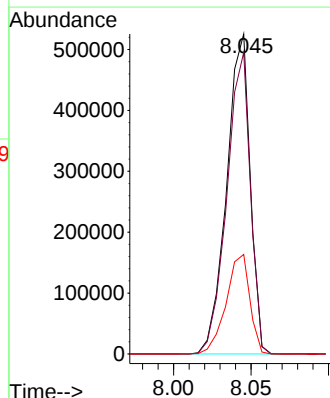
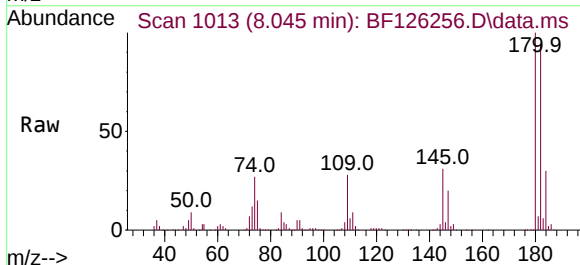
Tgt Ion:180 Resp: 554918

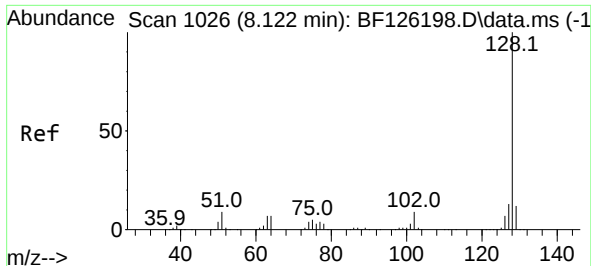
Ion Ratio Lower Upper

180 100

182 94.3 76.8 115.2

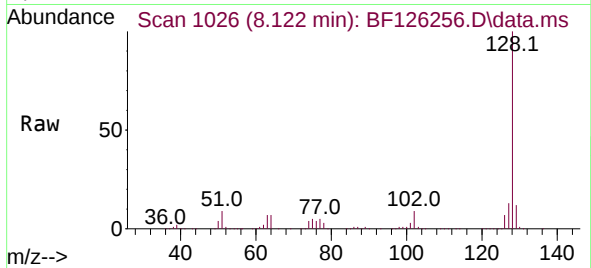
145 31.1 26.7 40.1



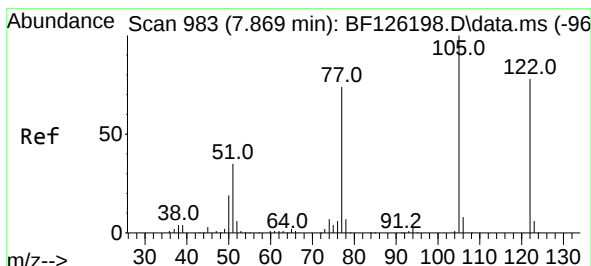
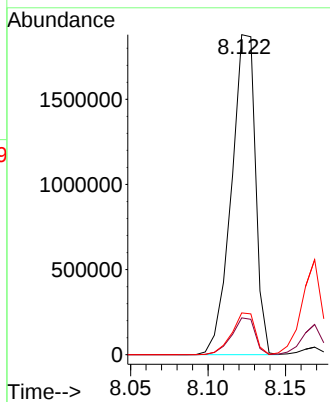
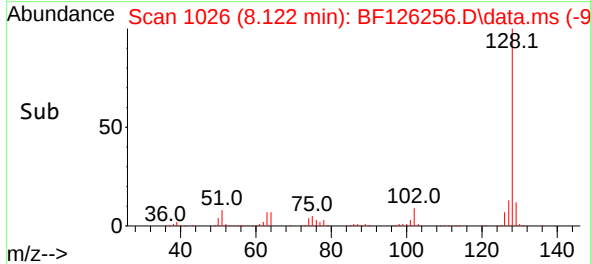


#31  
Naphthalene  
Concen: 45.508 ng  
RT: 8.122 min Scan# 1026  
Delta R.T. 0.000 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

Instrument :  
BNA\_F  
ClientSampleId :  
SASP2-121-1(55-62)MS

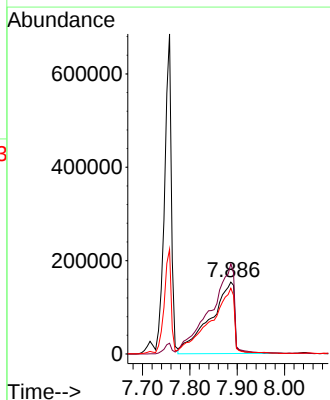
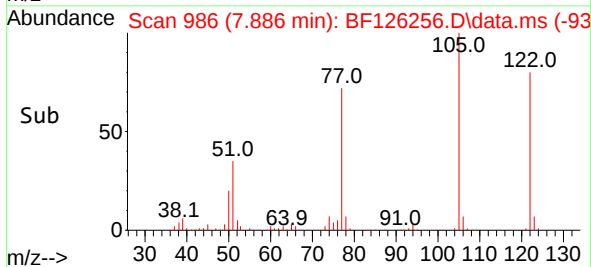
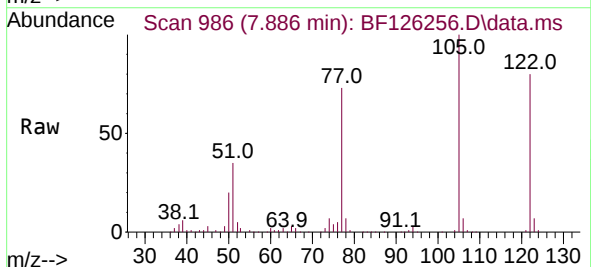


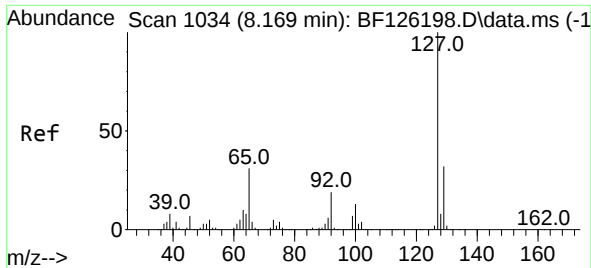
Tgt Ion:128 Resp: 2028127  
Ion Ratio Lower Upper  
128 100  
129 11.5 9.4 14.0  
127 13.0 10.9 16.3



#32  
Benzoic acid  
Concen: 47.608 ng  
RT: 7.886 min Scan# 986  
Delta R.T. 0.018 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

Tgt Ion:122 Resp: 551544  
Ion Ratio Lower Upper  
122 100  
105 125.4 97.6 137.6  
77 91.6 59.6 99.6

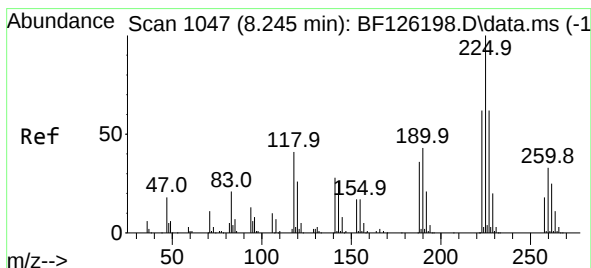
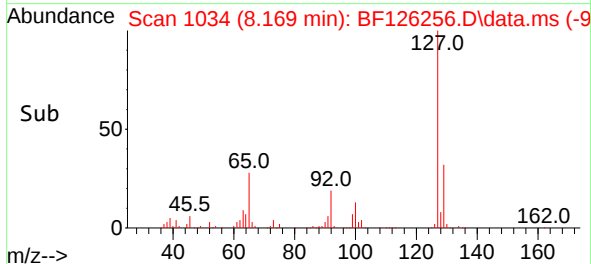
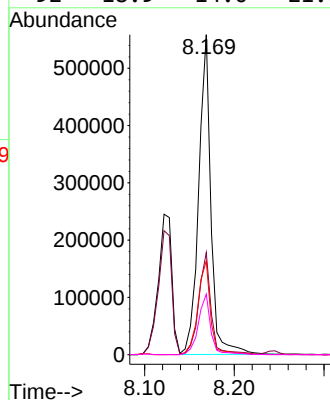
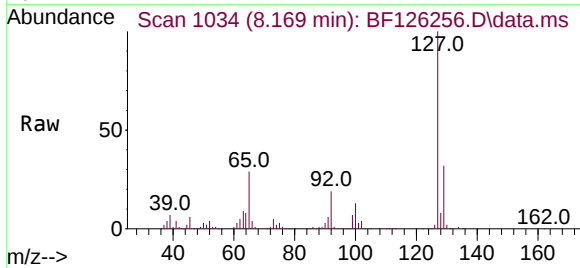




#33  
4-Chloroaniline  
Concen: 28.392 ng  
RT: 8.169 min Scan# 1034  
Delta R.T. 0.000 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

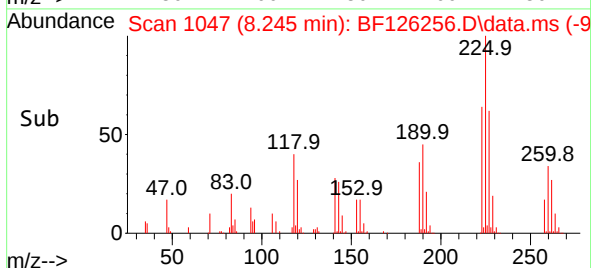
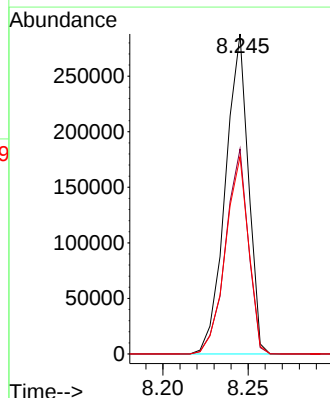
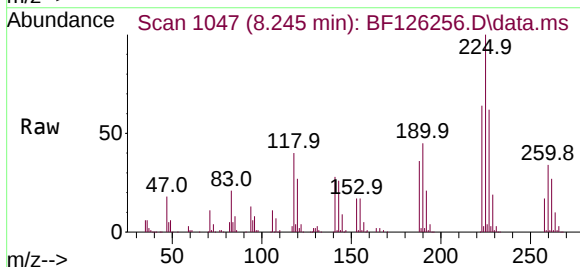
Instrument :  
BNA\_F  
ClientSampleId :  
SASP2-121-1(55-62)MS

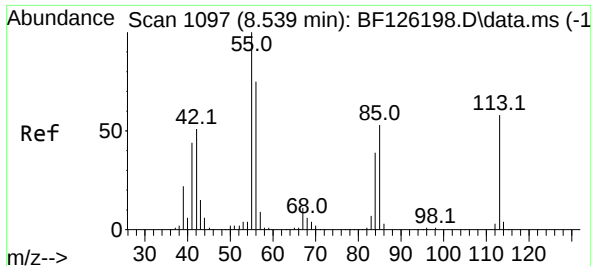
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 528327 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.9  | 25.7  | 38.5   |
| 65       | 29.3  | 21.2  | 31.8   |
| 92       | 18.9  | 14.0  | 21.0   |



#34  
Hexachlorobutadiene  
Concen: 44.333 ng  
RT: 8.245 min Scan# 1047  
Delta R.T. 0.000 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 269213 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.0  | 50.6  | 76.0   |
| 227      | 61.6  | 50.6  | 75.8   |

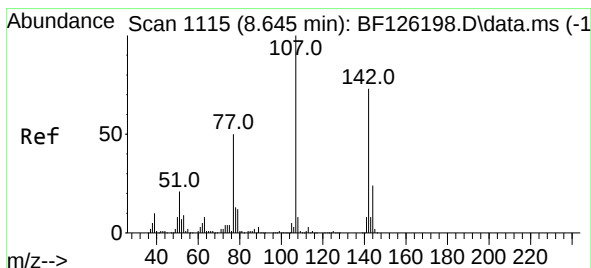
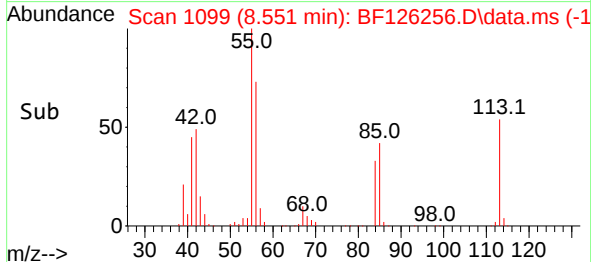
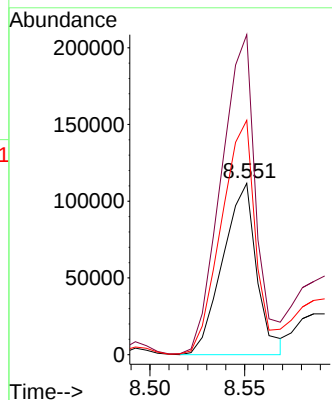
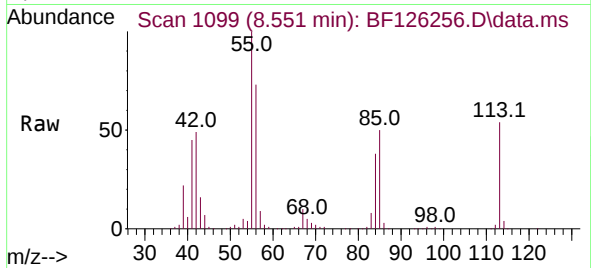




#35  
Caprolactam  
Concen: 46.847 ng  
RT: 8.551 min Scan# 1099  
Delta R.T. 0.012 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

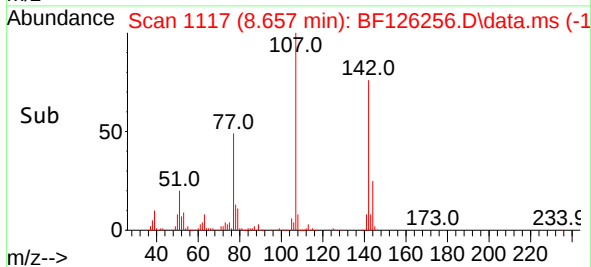
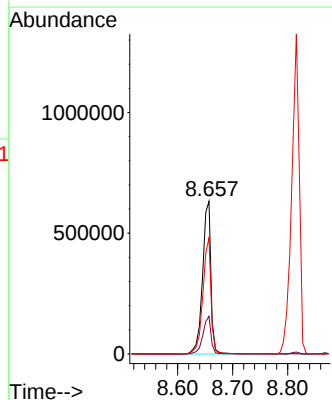
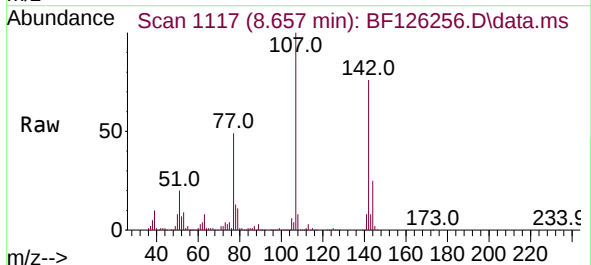
Instrument :  
BNA\_F  
ClientSampleId :  
SASP2-121-1(55-62)MS

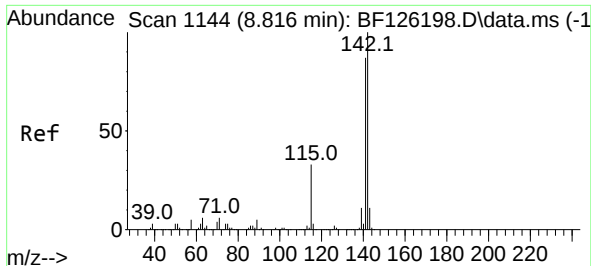
Tgt Ion:113 Resp: 139170  
Ion Ratio Lower Upper  
113 100  
55 186.7 154.1 194.1  
56 136.8 108.7 148.7



#36  
4-Chloro-3-methylphenol  
Concen: 47.532 ng  
RT: 8.657 min Scan# 1117  
Delta R.T. 0.012 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

Tgt Ion:107 Resp: 670213  
Ion Ratio Lower Upper  
107 100  
144 24.6 21.9 32.9  
142 76.1 67.1 100.7





#37

2-Methylnaphthalene

Concen: 46.678 ng

RT: 8.816 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BF126256.D

Acq: 18 Dec 2021 16:11

Instrument :

BNA\_F

ClientSampleId :

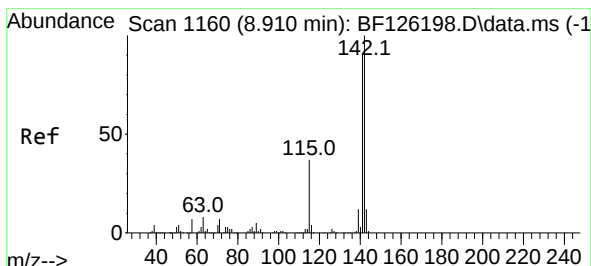
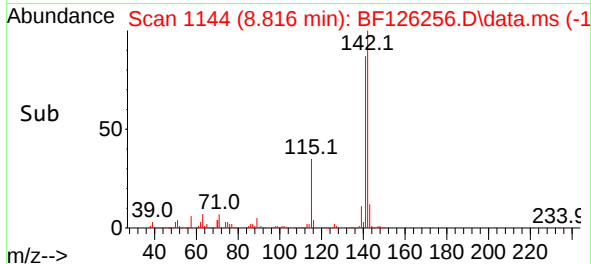
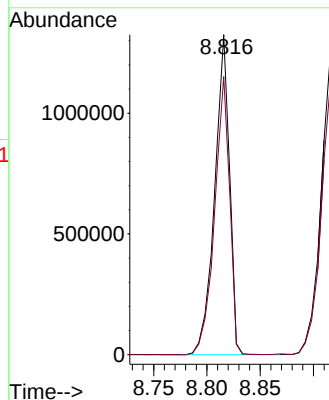
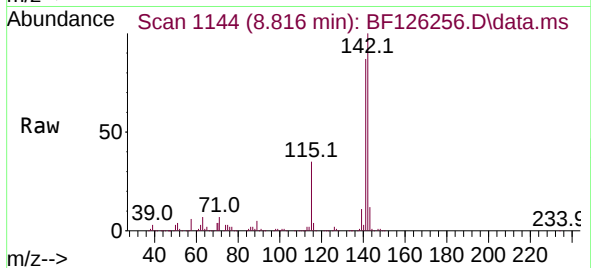
SASP2-121-1(55-62)MS

Tgt Ion:142 Resp: 1281119

Ion Ratio Lower Upper

142 100

141 86.9 71.2 106.8



#38

1-Methylnaphthalene

Concen: 44.921 ng

RT: 8.916 min Scan# 1161

Delta R.T. 0.006 min

Lab File: BF126256.D

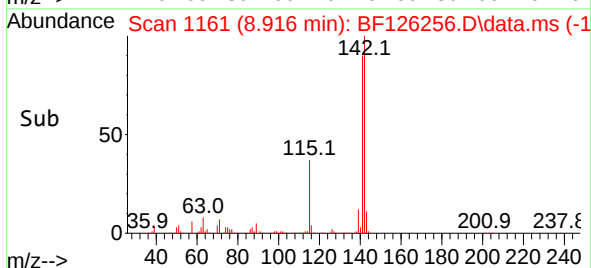
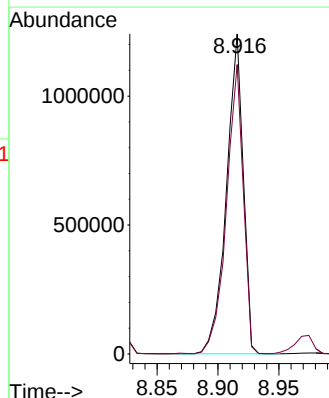
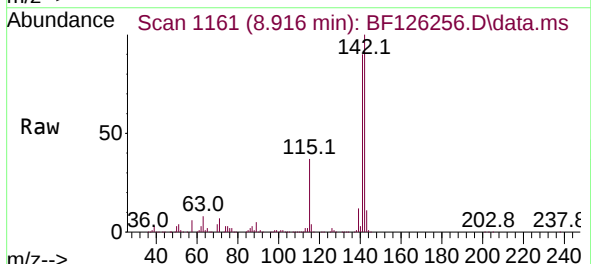
Acq: 18 Dec 2021 16:11

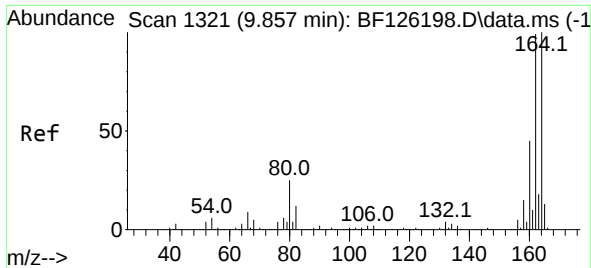
Tgt Ion:142 Resp: 1196458

Ion Ratio Lower Upper

142 100

141 90.4 76.0 114.0

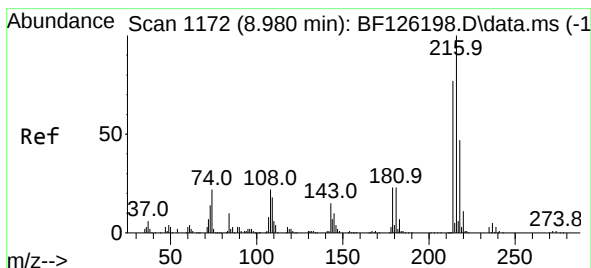
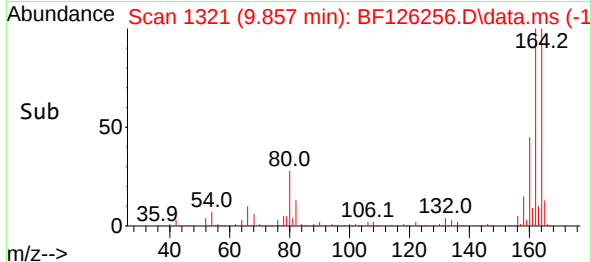
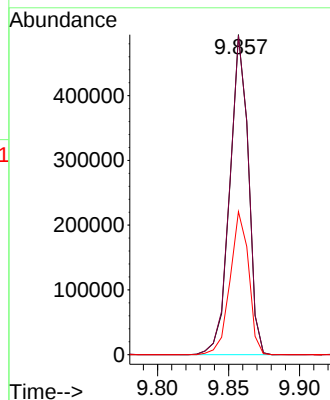
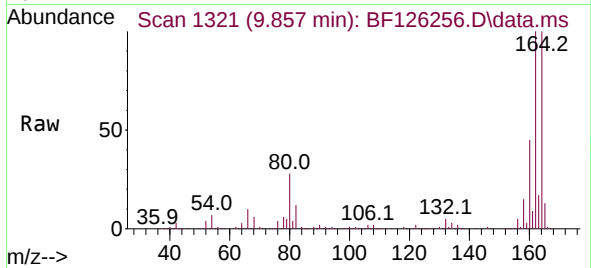




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.857 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

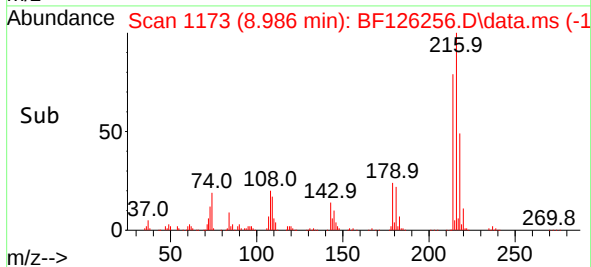
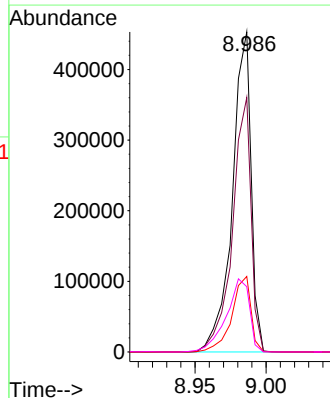
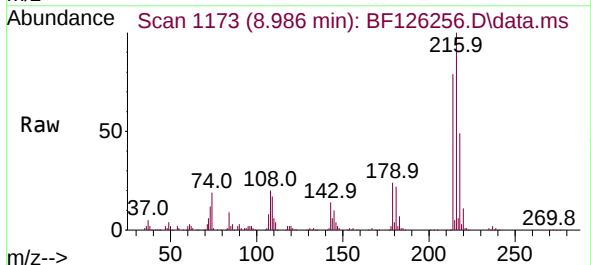
Instrument :  
BNA\_F  
ClientSampleId :  
SASP2-121-1(55-62)MS

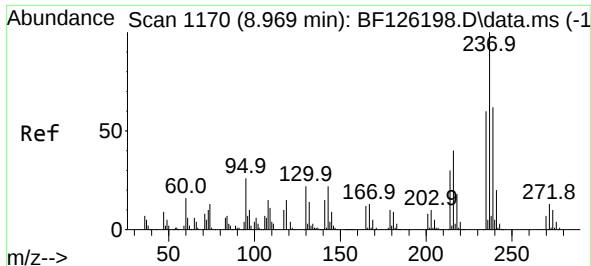
Tgt Ion:164 Resp: 447346  
Ion Ratio Lower Upper  
164 100  
162 99.7 81.3 121.9  
160 44.7 38.0 57.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 43.256 ng  
RT: 8.986 min Scan# 1173  
Delta R.T. 0.006 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

Tgt Ion:216 Resp: 417638  
Ion Ratio Lower Upper  
216 100  
214 78.9 64.9 97.3  
179 24.1 17.4 26.2  
108 28.2 16.5 24.7#

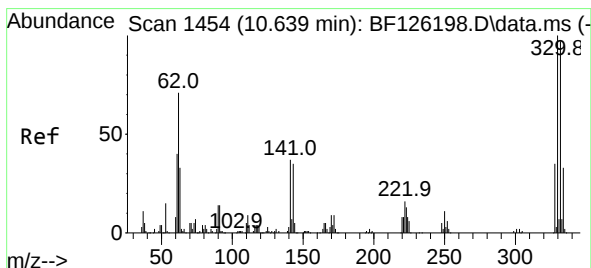
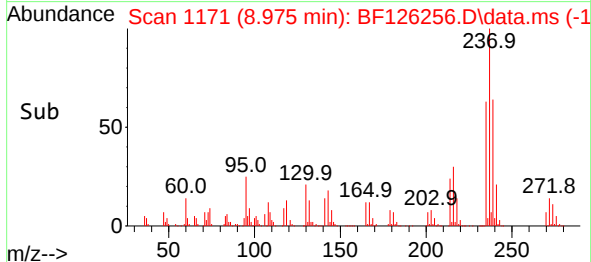
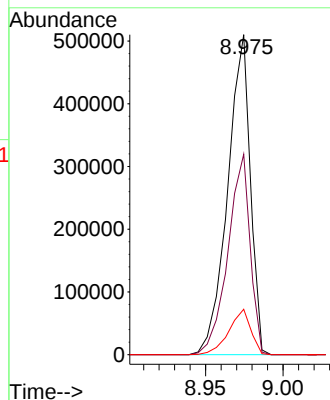
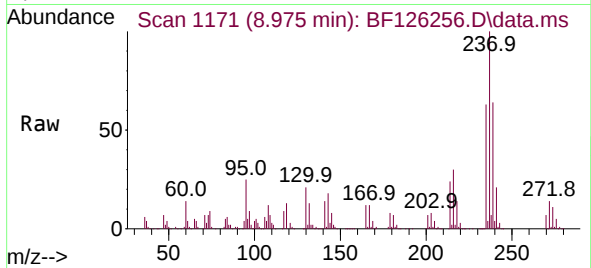




#41  
Hexachlorocyclopentadiene  
Concen: 93.809 ng  
RT: 8.975 min Scan# 1170  
Delta R.T. 0.006 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

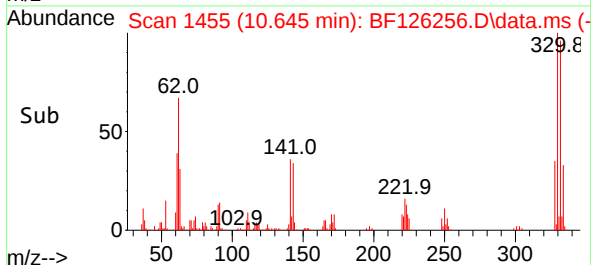
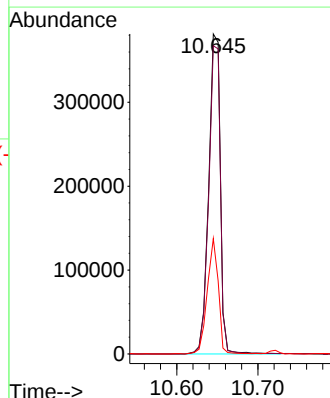
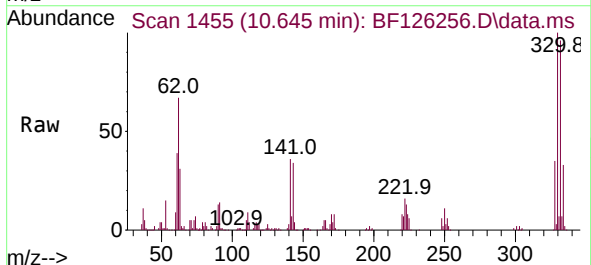
Instrument :  
BNA\_F  
ClientSampleId :  
SASP2-121-1(55-62)MS

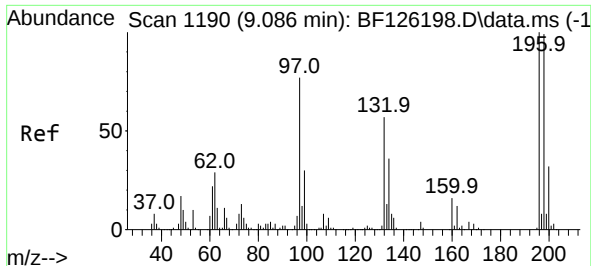
Tgt Ion:237 Resp: 518658  
Ion Ratio Lower Upper  
237 100  
235 62.6 44.7 84.7  
272 14.2 0.0 31.6



#42  
2,4,6-Tribromophenol  
Concen: 105.397 ng  
RT: 10.645 min Scan# 1455  
Delta R.T. 0.006 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

Tgt Ion:330 Resp: 378911  
Ion Ratio Lower Upper  
330 100  
332 96.5 76.2 114.4  
141 34.4 44.6 66.8#

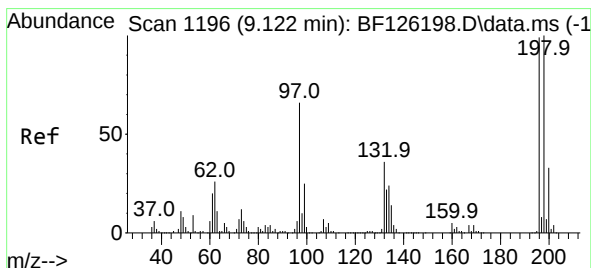
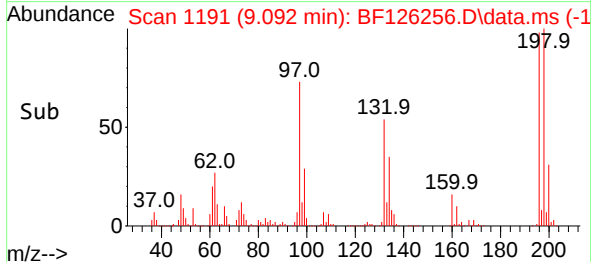
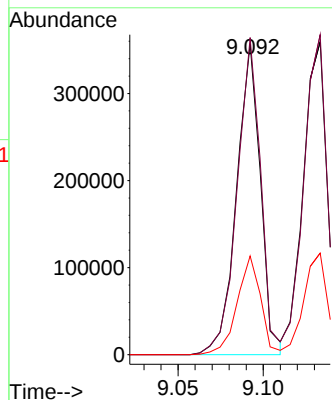
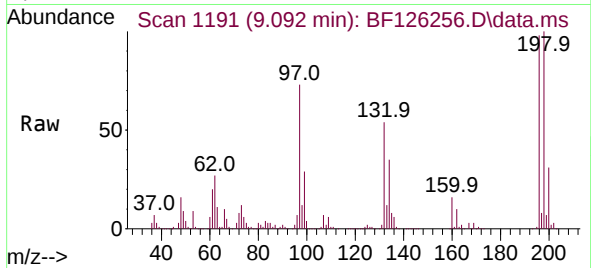




#43  
2,4,6-Trichlorophenol  
Concen: 45.669 ng  
RT: 9.092 min Scan# 1190  
Delta R.T. 0.006 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

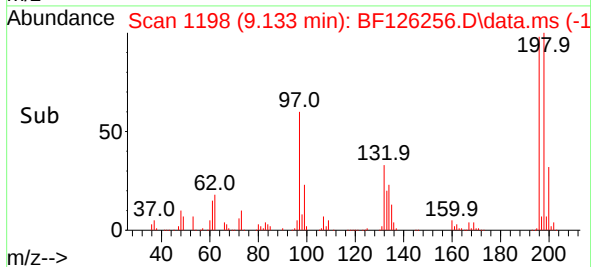
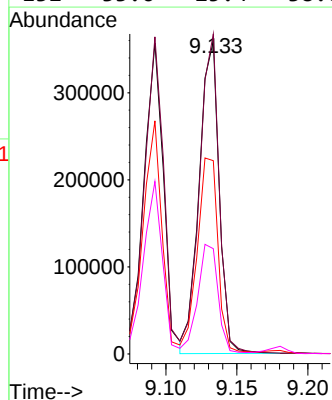
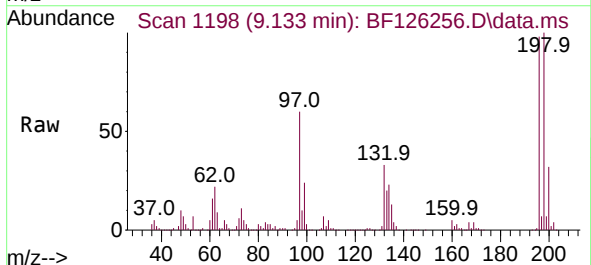
Instrument :  
BNA\_F  
ClientSampleId :  
SASP2-121-1(55-62)MS

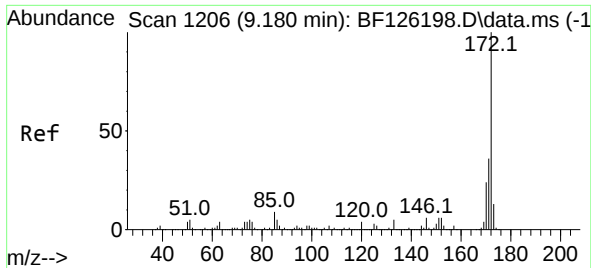
Tgt Ion:196 Resp: 346857  
Ion Ratio Lower Upper  
196 100  
198 102.0 74.9 112.3  
200 31.8 27.0 40.4



#44  
2,4,5-Trichlorophenol  
Concen: 44.950 ng  
RT: 9.133 min Scan# 1198  
Delta R.T. 0.012 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

Tgt Ion:196 Resp: 353541  
Ion Ratio Lower Upper  
196 100  
198 102.2 80.2 120.2  
97 61.7 44.0 66.0  
132 33.6 25.4 38.0

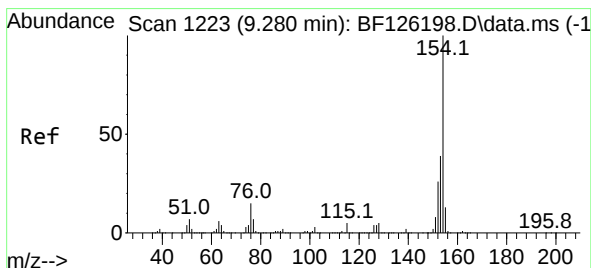
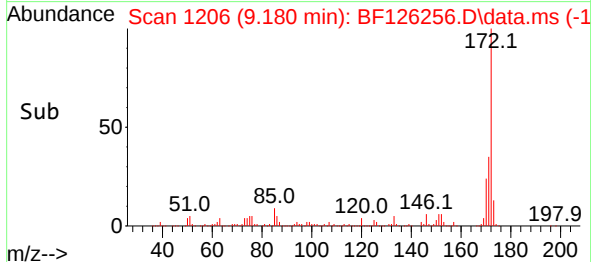
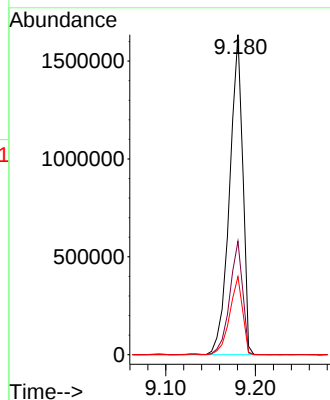
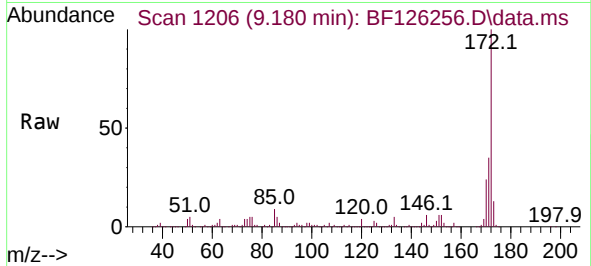




#45  
2-Fluorobiphenyl  
Concen: 65.350 ng  
RT: 9.180 min Scan# 1206  
Delta R.T. 0.000 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

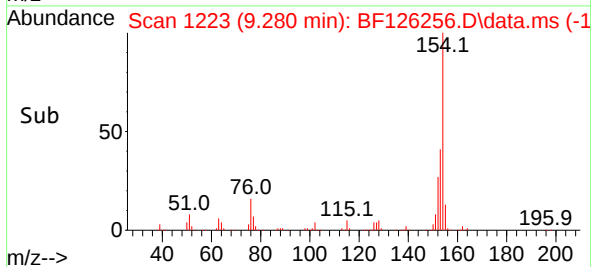
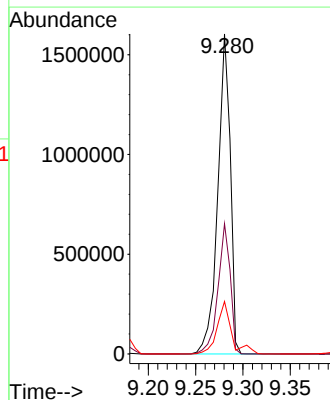
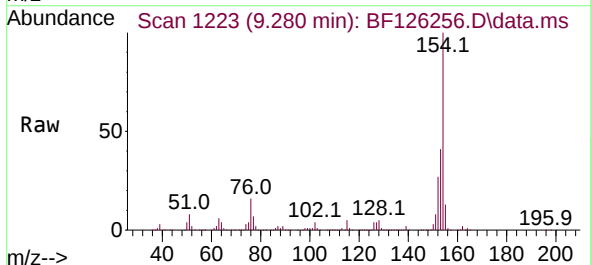
Instrument :  
BNA\_F  
ClientSampleId :  
SASP2-121-1(55-62)MS

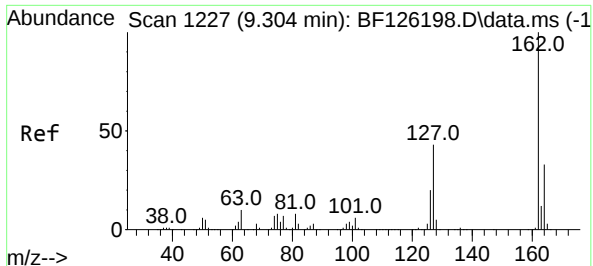
Tgt Ion:172 Resp: 1666831  
Ion Ratio Lower Upper  
172 100  
171 35.4 26.5 39.7  
170 24.4 18.8 28.2



#46  
1,1'-Biphenyl  
Concen: 44.671 ng  
RT: 9.280 min Scan# 1223  
Delta R.T. 0.000 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

Tgt Ion:154 Resp: 1477580  
Ion Ratio Lower Upper  
154 100  
153 40.7 20.0 60.0  
76 16.4 0.0 30.3

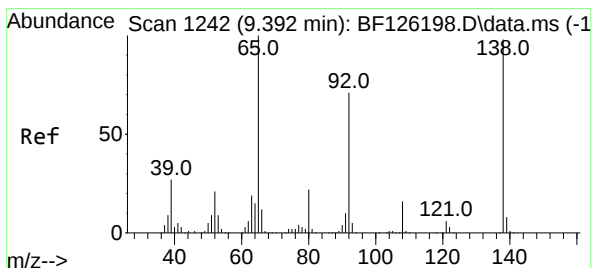
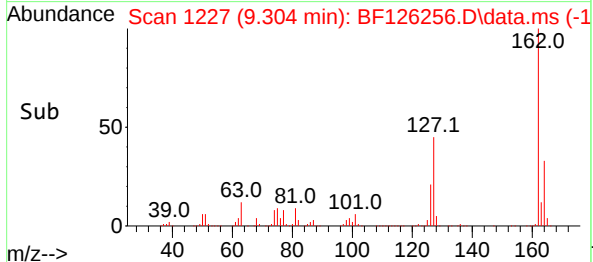
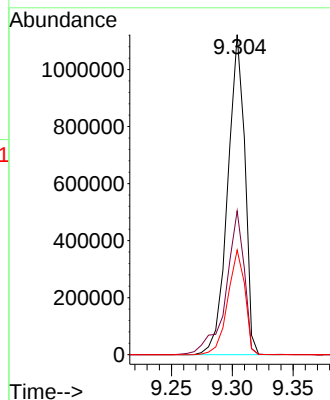
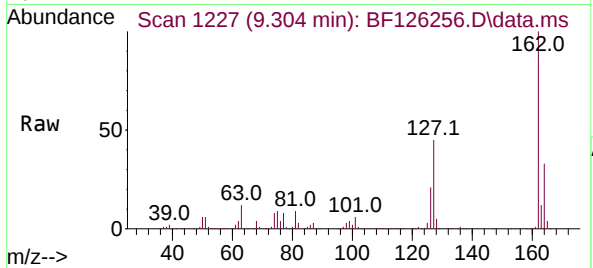




#47  
2-Chloronaphthalene  
Concen: 44.147 ng  
RT: 9.304 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

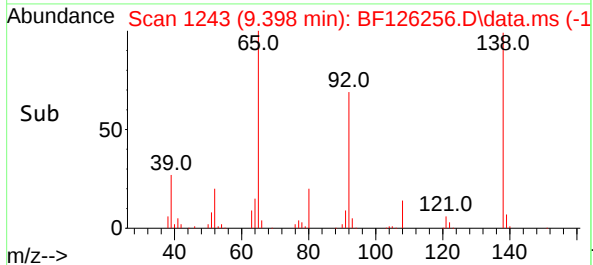
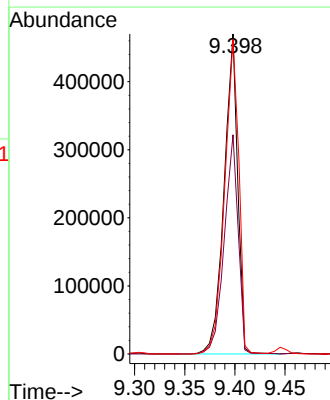
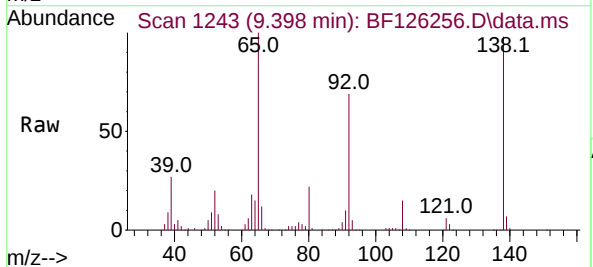
Instrument :  
BNA\_F  
ClientSampleId :  
SASP2-121-1(55-62)MS

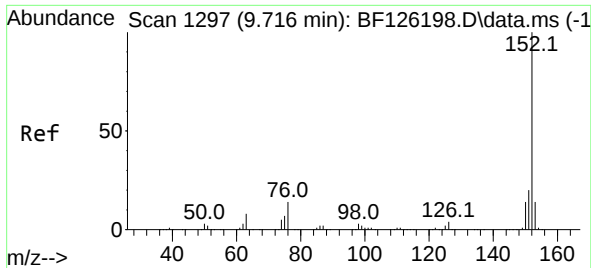
Tgt Ion:162 Resp: 1098680  
Ion Ratio Lower Upper  
162 100  
127 45.0 33.0 49.4  
164 32.7 25.8 38.8



#48  
2-Nitroaniline  
Concen: 48.716 ng  
RT: 9.398 min Scan# 1243  
Delta R.T. 0.006 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

Tgt Ion: 65 Resp: 442522  
Ion Ratio Lower Upper  
65 100  
92 68.5 55.5 83.3  
138 98.3 93.5 140.3





#49

Acenaphthylene

Concen: 45.186 ng

RT: 9.722 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF126256.D

Acq: 18 Dec 2021 16:11

Instrument :

BNA\_F

ClientSampleId :

SASP2-121-1(55-62)MS

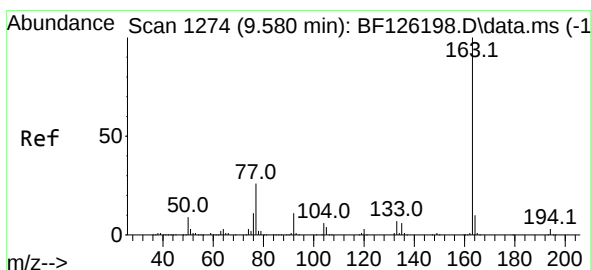
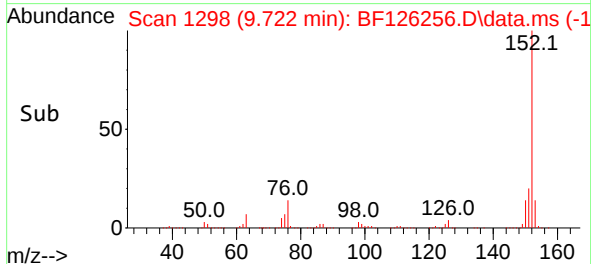
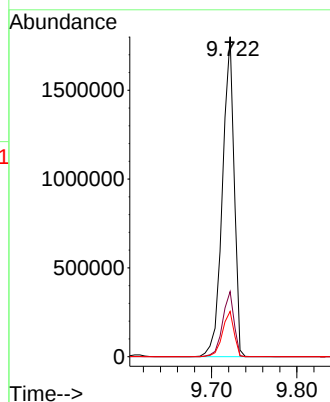
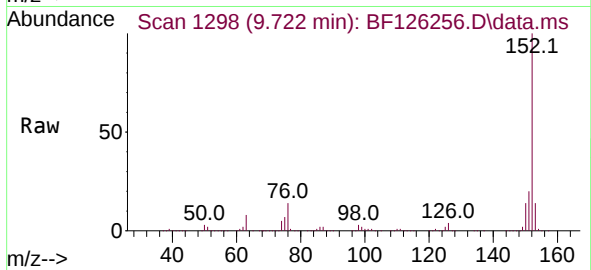
Tgt Ion:152 Resp: 1718311

Ion Ratio Lower Upper

152 100

151 20.3 15.7 23.5

153 14.1 9.8 14.8



#50

Dimethylphthalate

Concen: 45.188 ng

RT: 9.586 min Scan# 1275

Delta R.T. 0.006 min

Lab File: BF126256.D

Acq: 18 Dec 2021 16:11

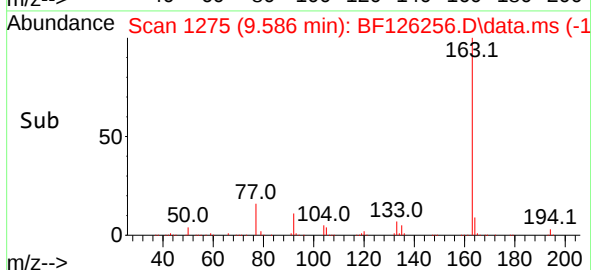
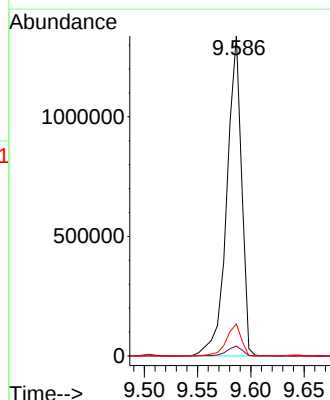
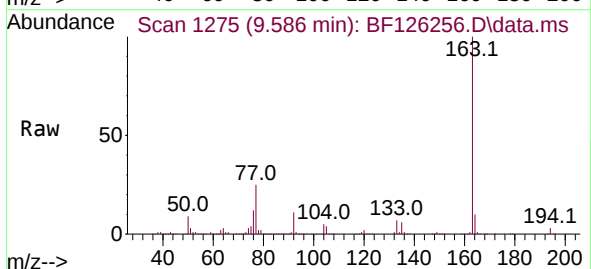
Tgt Ion:163 Resp: 1280514

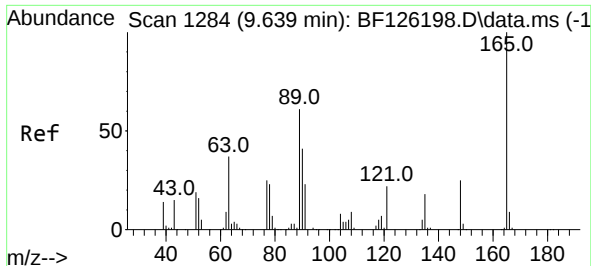
Ion Ratio Lower Upper

163 100

194 3.1 2.6 3.8

164 10.0 7.4 11.0





#51

2,6-Dinitrotoluene

Concen: 48.731 ng

RT: 9.645 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF126256.D

Acq: 18 Dec 2021 16:11

Instrument :

BNA\_F

ClientSampleId :

SASP2-121-1(55-62)MS

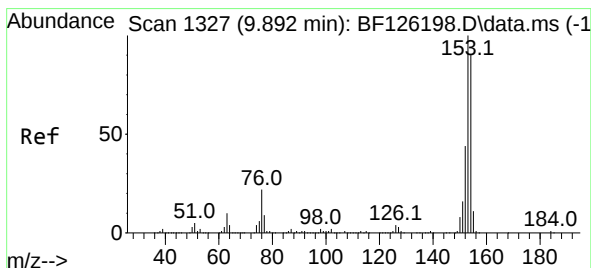
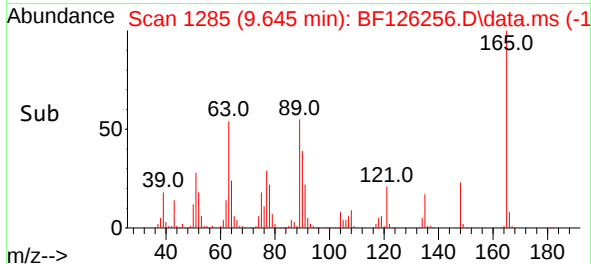
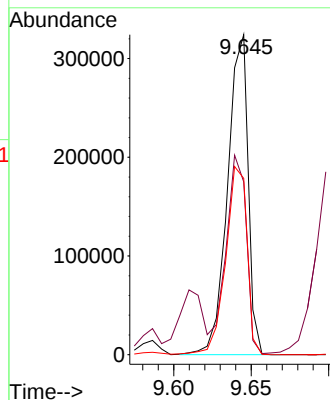
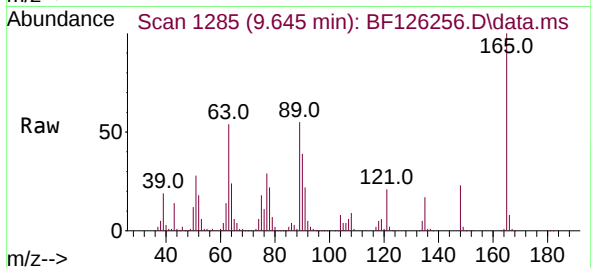
Tgt Ion:165 Resp: 298891

Ion Ratio Lower Upper

165 100

63 54.0 42.6 63.8

89 55.1 40.6 60.8



#52

Acenaphthene

Concen: 48.985 ng

RT: 9.892 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF126256.D

Acq: 18 Dec 2021 16:11

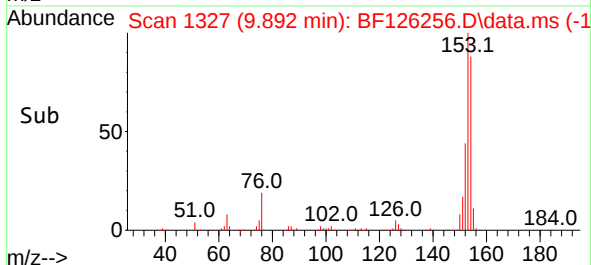
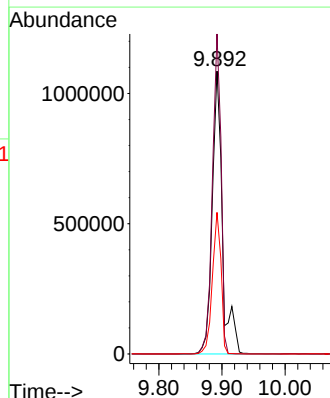
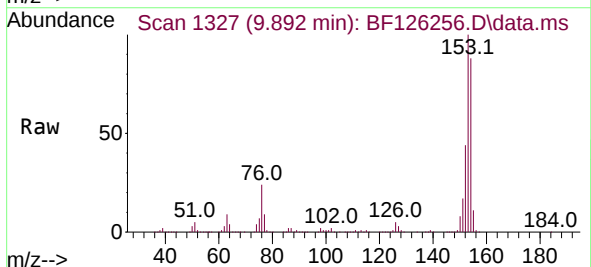
Tgt Ion:154 Resp: 1208039

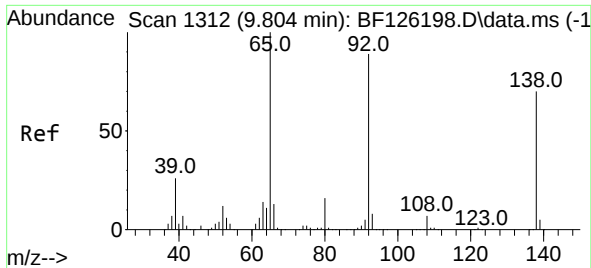
Ion Ratio Lower Upper

154 100

153 113.1 89.4 134.2

152 50.0 40.5 60.7

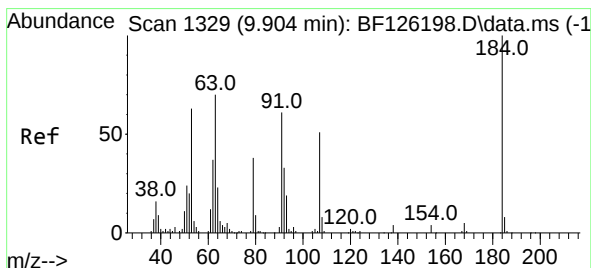
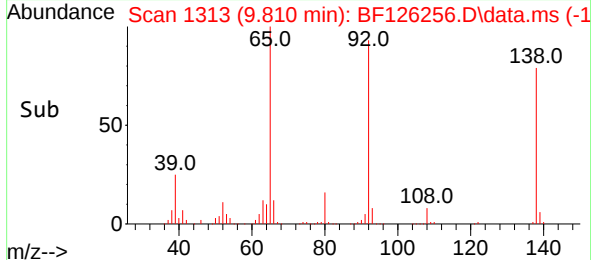
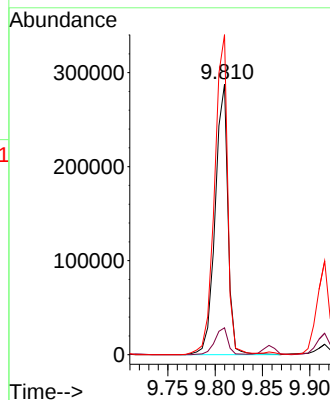
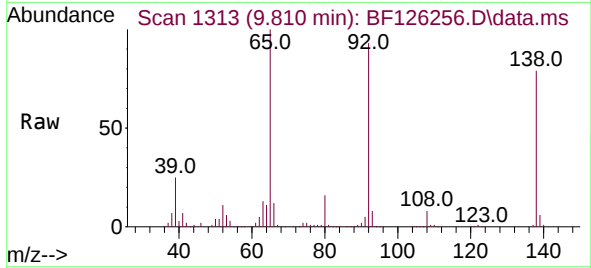




#53  
3-Nitroaniline  
Concen: 34.582 ng  
RT: 9.810 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

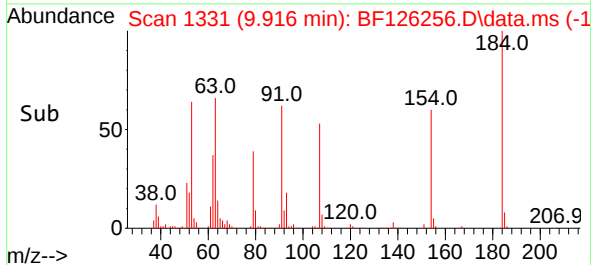
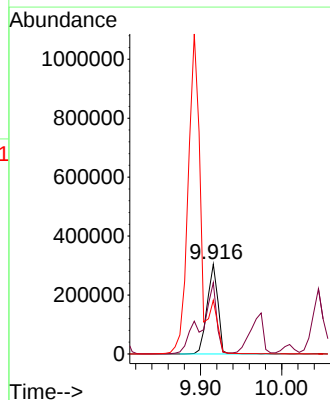
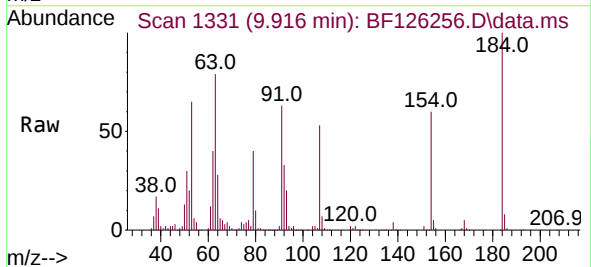
Instrument :  
BNA\_F  
ClientSampleId :  
SASP2-121-1(55-62)MS

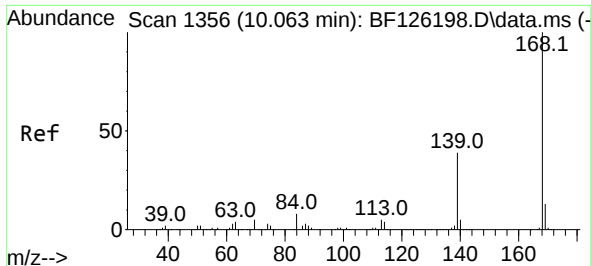
Tgt Ion:138 Resp: 269594  
Ion Ratio Lower Upper  
138 100  
108 9.9 9.3 13.9  
92 118.3 76.5 114.7#



#54  
2,4-Dinitrophenol  
Concen: 111.807 ng  
RT: 9.916 min Scan# 1331  
Delta R.T. 0.012 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

Tgt Ion:184 Resp: 282364  
Ion Ratio Lower Upper  
184 100  
63 79.4 59.3 88.9  
154 59.8 68.6 102.8#

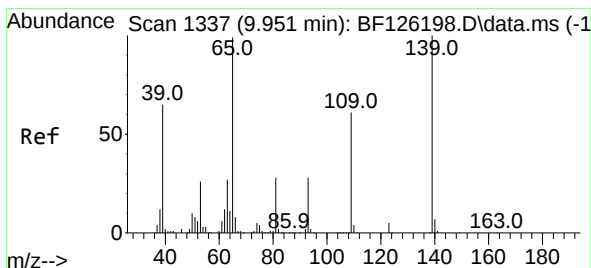
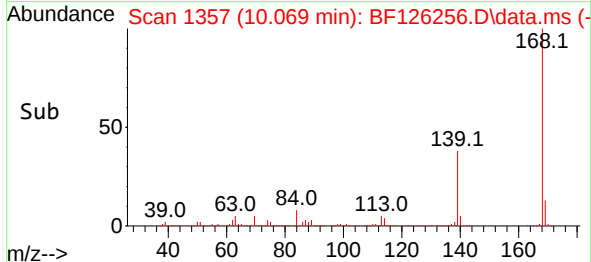
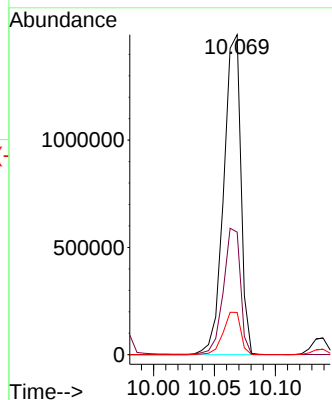
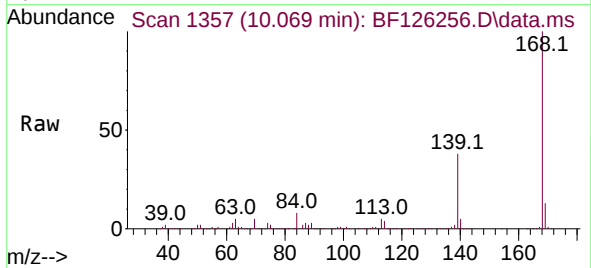




#55  
Dibenzofuran  
Concen: 43.677 ng  
RT: 10.069 min Scan# 1356  
Delta R.T. 0.006 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

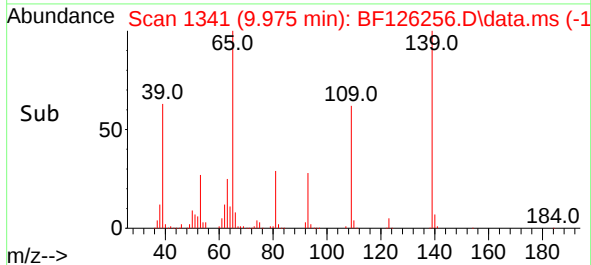
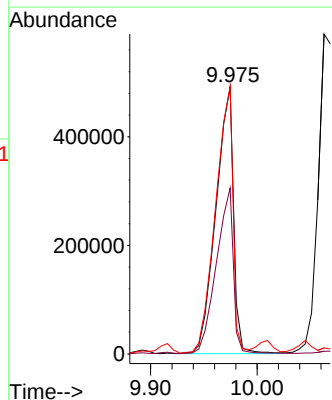
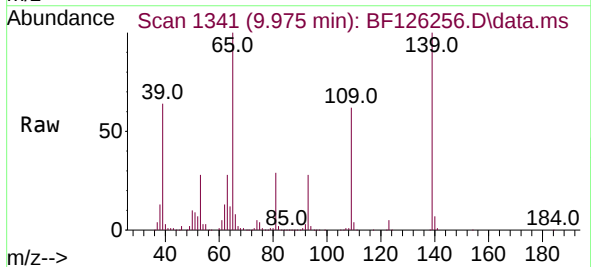
Instrument :  
BNA\_F  
ClientSampleId :  
SASP2-121-1(55-62)MS

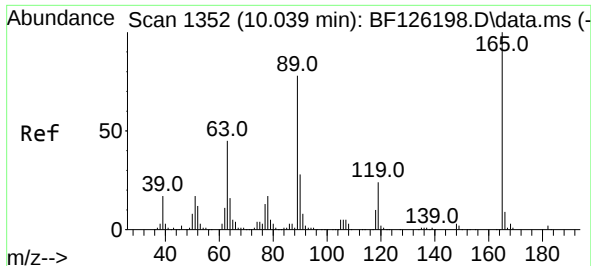
Tgt Ion:168 Resp: 1466507  
Ion Ratio Lower Upper  
168 100  
139 38.3 32.7 49.1  
169 13.2 11.2 16.8



#56  
4-Nitrophenol  
Concen: 100.075 ng  
RT: 9.975 min Scan# 1341  
Delta R.T. 0.024 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

Tgt Ion:139 Resp: 563535  
Ion Ratio Lower Upper  
139 100  
109 62.2 60.4 100.4  
65 100.4 58.4 98.4#

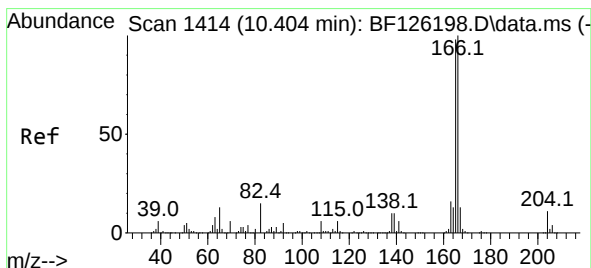
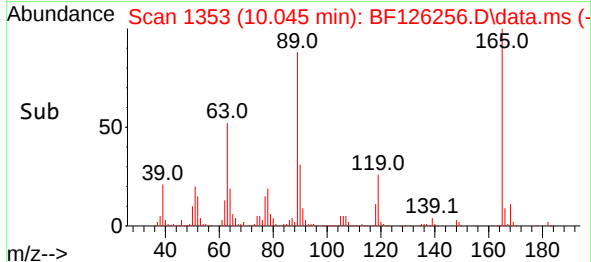
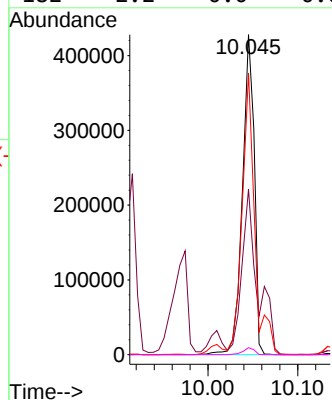
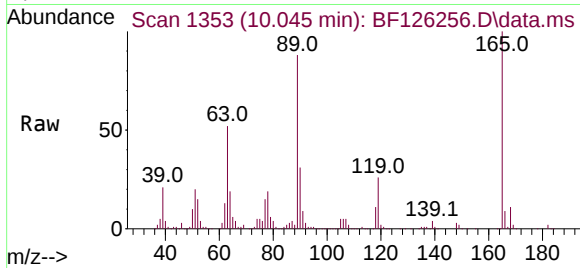




#57  
2,4-Dinitrotoluene  
Concen: 50.073 ng  
RT: 10.045 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

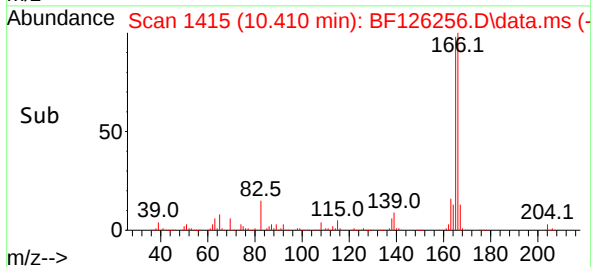
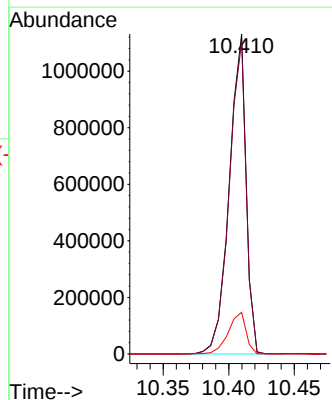
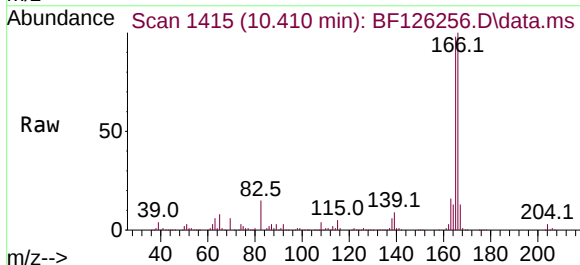
Instrument :  
BNA\_F  
ClientSampleId :  
SASP2-121-1(55-62)MS

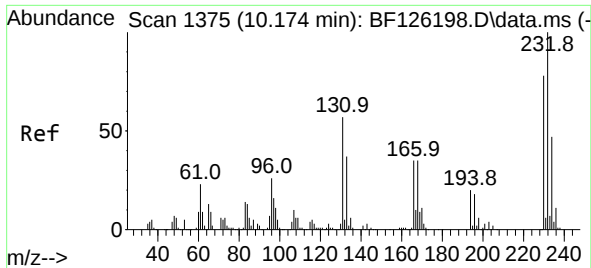
Tgt Ion:165 Resp: 391770  
Ion Ratio Lower Upper  
165 100  
63 51.8 40.9 61.3  
89 88.0 59.7 89.5  
182 2.2 0.0 0.0#



#58  
Fluorene  
Concen: 41.602 ng  
RT: 10.410 min Scan# 1415  
Delta R.T. 0.006 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

Tgt Ion:166 Resp: 1011221  
Ion Ratio Lower Upper  
166 100  
165 97.6 78.1 117.1  
167 13.0 11.1 16.7

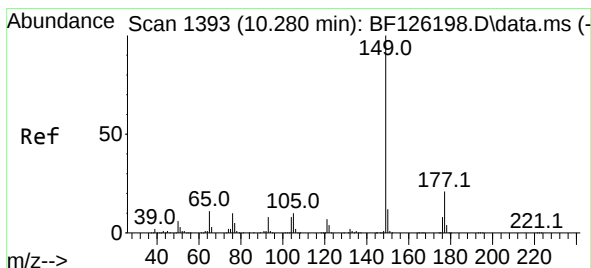
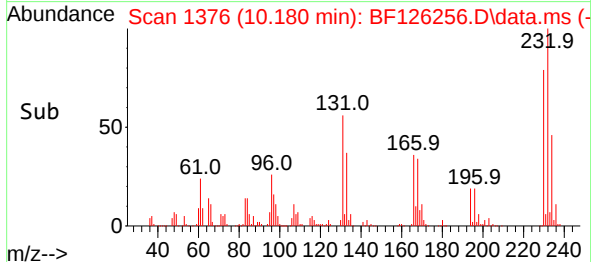
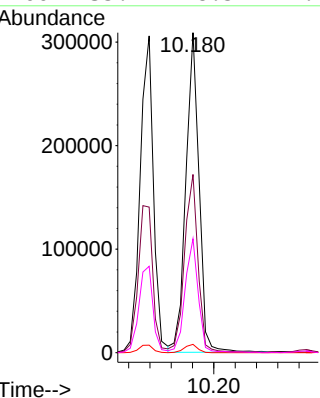
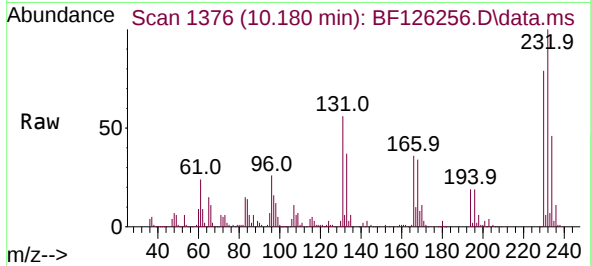




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 45.574 ng  
RT: 10.180 min Scan# 1376  
Delta R.T. 0.006 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

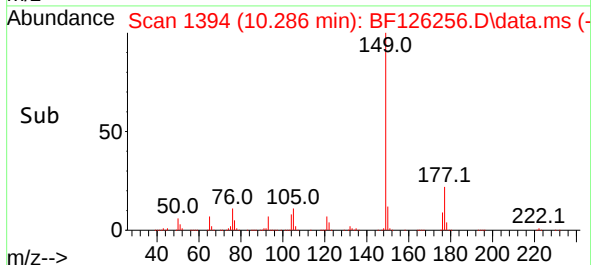
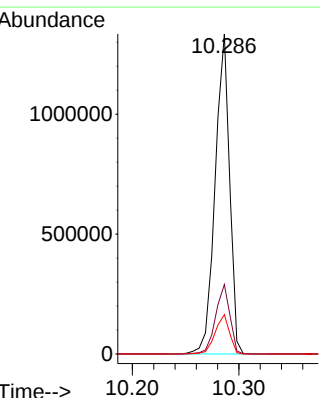
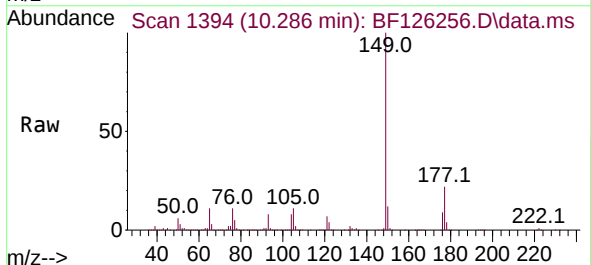
Instrument :  
BNA\_F  
ClientSampleId :  
SASP2-121-1(55-62)MS

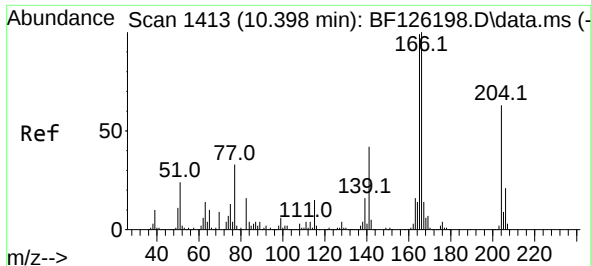
Tgt Ion:232 Resp: 265775  
Ion Ratio Lower Upper  
232 100  
131 56.8 45.4 68.0  
130 2.7 0.0 0.0#  
166 35.9 28.5 42.7



#60  
Diethylphthalate  
Concen: 43.922 ng  
RT: 10.286 min Scan# 1394  
Delta R.T. 0.006 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

Tgt Ion:149 Resp: 1250776  
Ion Ratio Lower Upper  
149 100  
177 21.7 16.5 24.7  
150 12.3 10.1 15.1

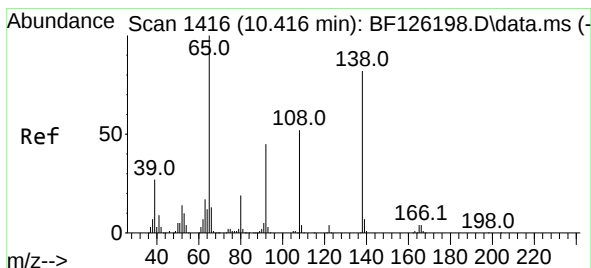
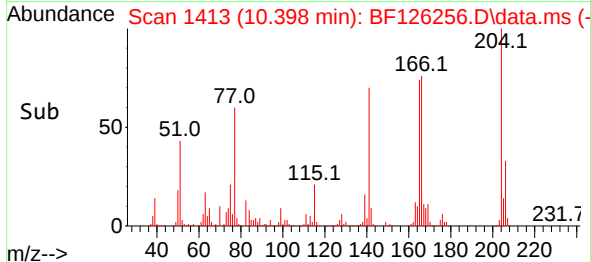
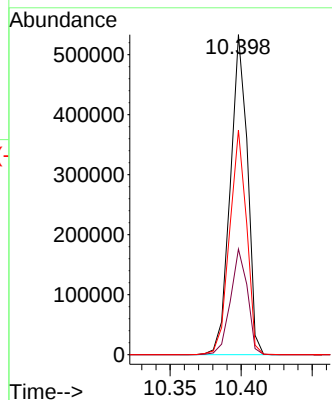
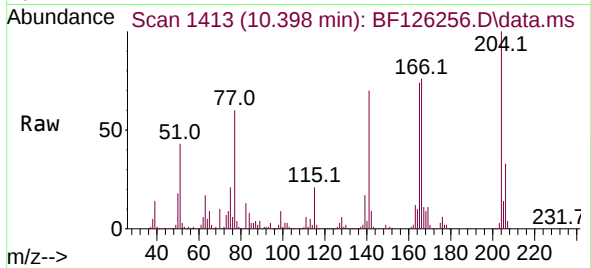




#61  
4-Chlorophenyl-phenylether  
Concen: 40.926 ng  
RT: 10.398 min Scan# 1413  
Delta R.T. 0.000 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

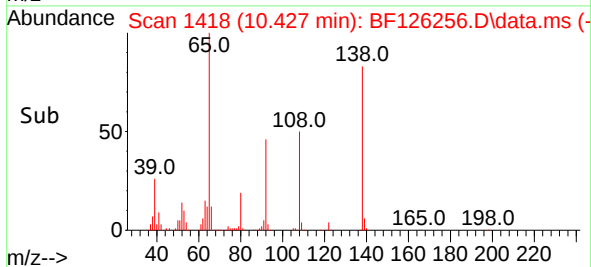
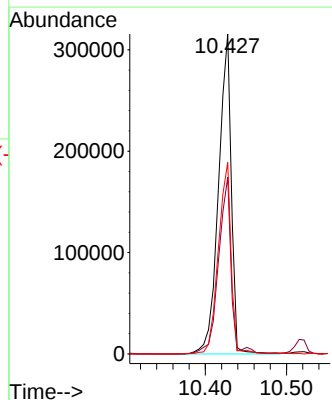
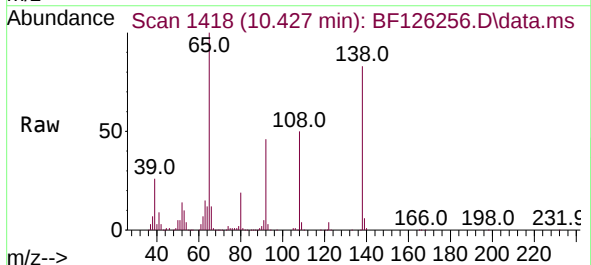
Instrument :  
BNA\_F  
ClientSampleId :  
SASP2-121-1(55-62)MS

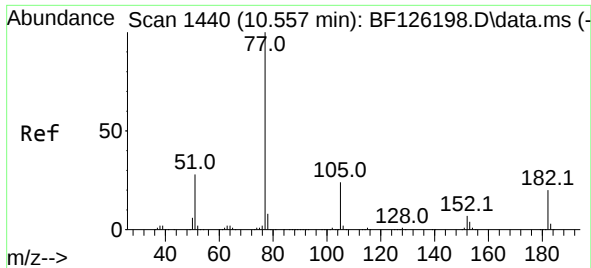
Tgt Ion:204 Resp: 447907  
Ion Ratio Lower Upper  
204 100  
206 33.0 27.6 41.4  
141 70.2 58.6 88.0



#62  
4-Nitroaniline  
Concen: 53.004 ng  
RT: 10.427 min Scan# 1418  
Delta R.T. 0.012 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

Tgt Ion:138 Resp: 346623  
Ion Ratio Lower Upper  
138 100  
92 55.2 29.6 69.6  
108 59.9 78.1 118.1#



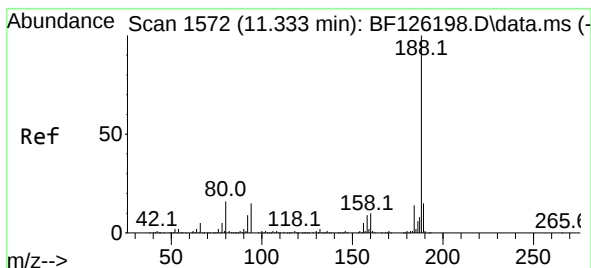
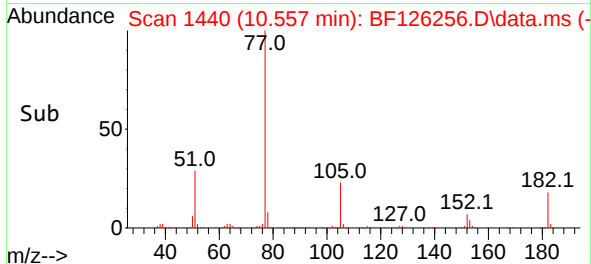
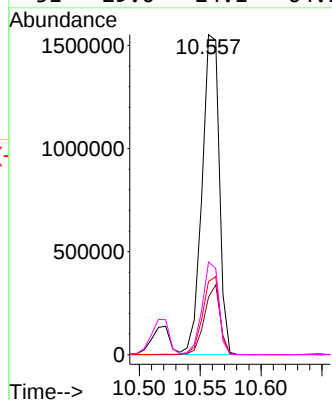
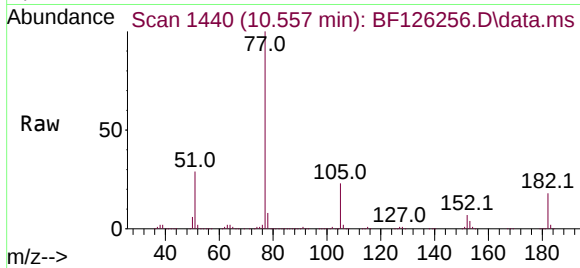


#63  
Azobenzene  
Concen: 44.307 ng  
RT: 10.557 min Scan# 1440  
Delta R.T. 0.000 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

Instrument :  
BNA\_F  
ClientSampleId :  
SASP2-121-1(55-62)MS

Tgt Ion: 77 Resp: 1528254

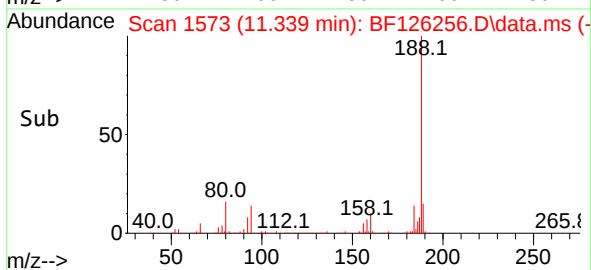
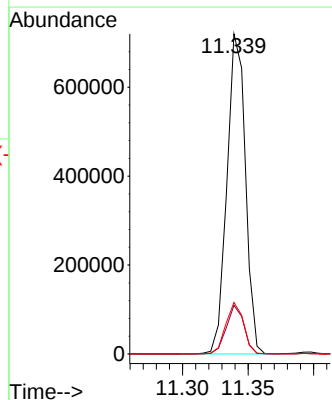
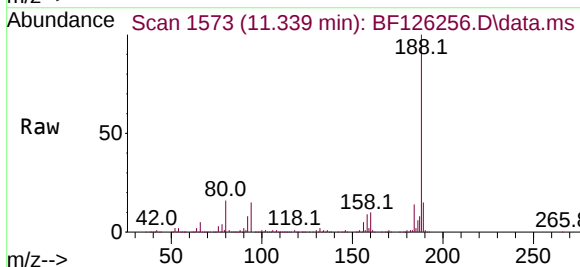
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 17.9  | 6.3   | 46.3  |
| 105 | 22.8  | 2.9   | 42.9  |
| 51  | 29.0  | 24.1  | 64.1  |

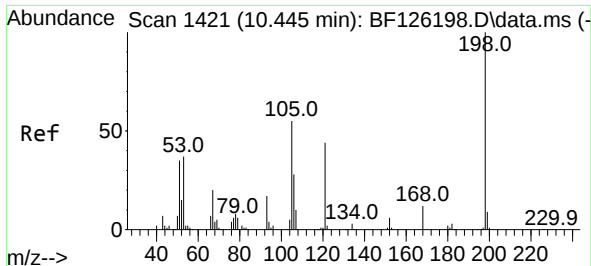


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.339 min Scan# 1573  
Delta R.T. 0.006 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

Tgt Ion: 188 Resp: 705204

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 15.2  | 6.7   | 10.1# |
| 80  | 16.1  | 7.5   | 11.3# |

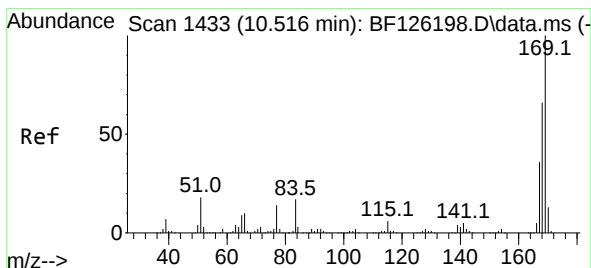
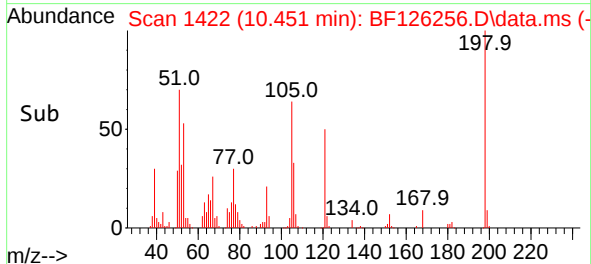
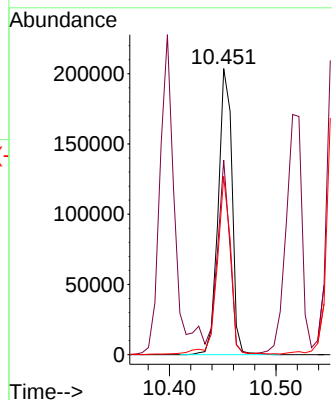
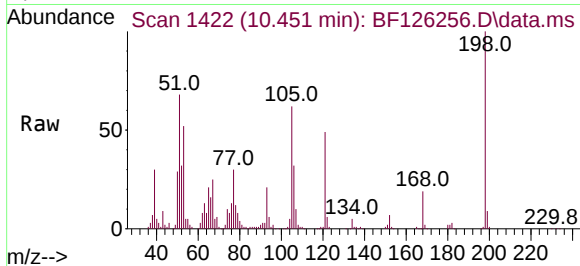




#65  
4,6-Dinitro-2-methylphenol  
Concen: 47.315 ng  
RT: 10.451 min Scan# 1421  
Delta R.T. 0.006 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

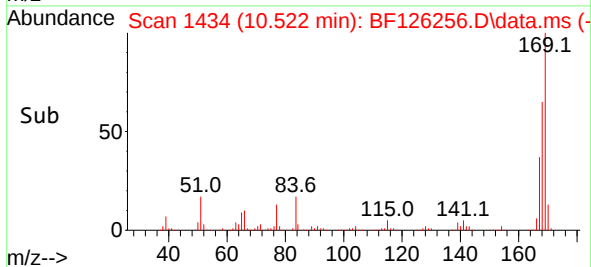
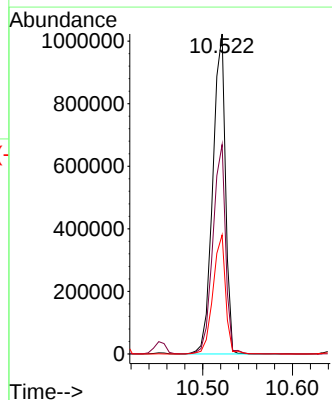
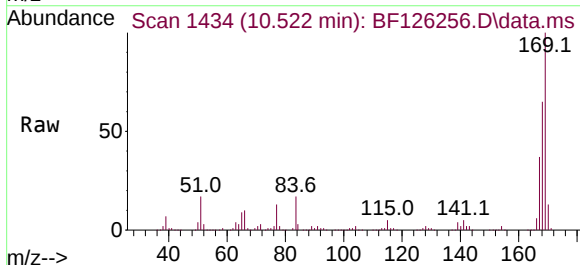
Instrument :  
BNA\_F  
ClientSampleId :  
SASP2-121-1(55-62)MS

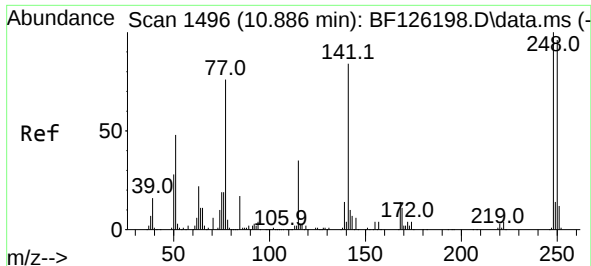
Tgt Ion:198 Resp: 182203  
Ion Ratio Lower Upper  
198 100  
51 68.0 45.3 85.3  
105 62.3 30.6 70.6



#66  
n-Nitrosodiphenylamine  
Concen: 44.407 ng  
RT: 10.522 min Scan# 1434  
Delta R.T. 0.006 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

Tgt Ion:169 Resp: 1005043  
Ion Ratio Lower Upper  
169 100  
168 65.5 50.8 76.2  
167 37.2 28.8 43.2

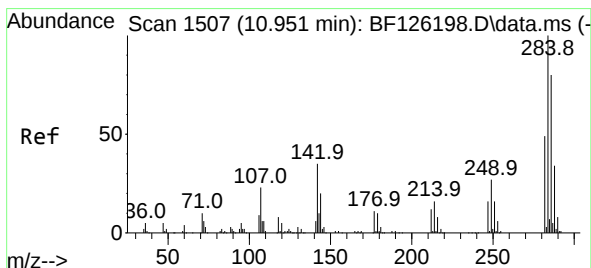
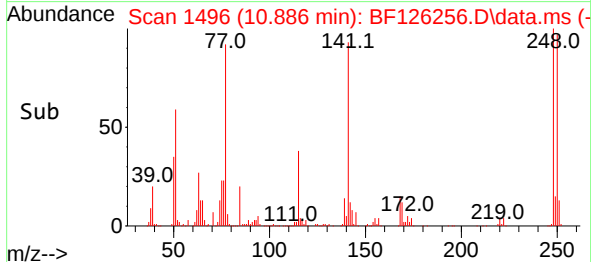
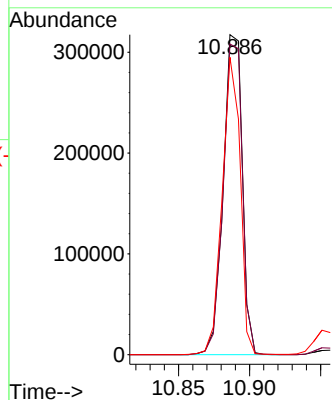
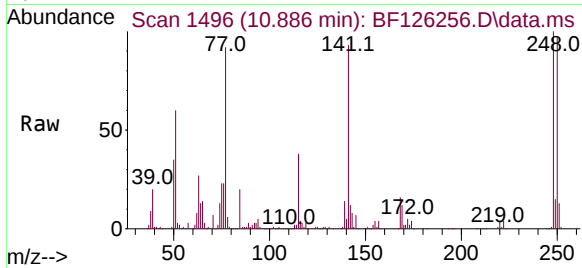




#67  
4-Bromophenyl-phenylether  
Concen: 44.759 ng  
RT: 10.886 min Scan# 1496  
Delta R.T. 0.000 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

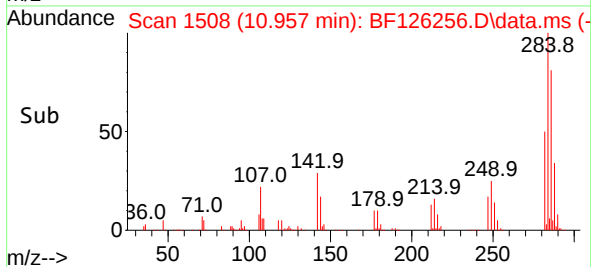
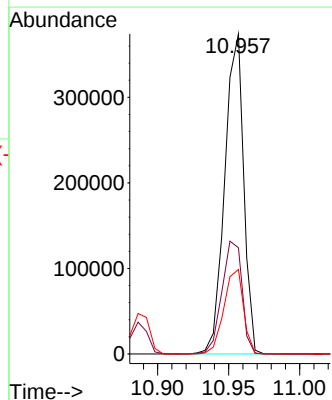
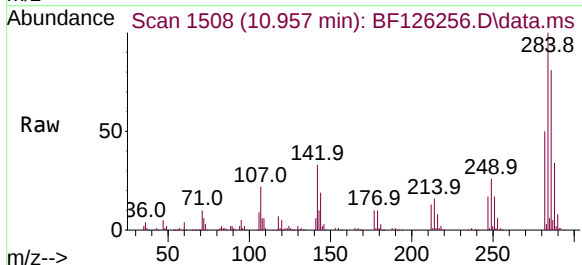
Instrument :  
BNA\_F  
ClientSampleId :  
SASP2-121-1(55-62)MS

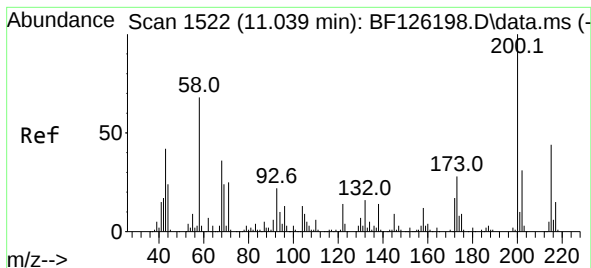
Tgt Ion:248 Resp: 296236  
Ion Ratio Lower Upper  
248 100  
250 97.1 74.2 111.4  
141 92.9 60.4 90.6#



#68  
Hexachlorobenzene  
Concen: 45.433 ng  
RT: 10.957 min Scan# 1508  
Delta R.T. 0.006 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

Tgt Ion:284 Resp: 345835  
Ion Ratio Lower Upper  
284 100  
142 33.2 36.4 54.6#  
249 26.4 25.6 38.4





#69

Atrazine

Concen: 72.599 ng

RT: 11.045 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF126256.D

Acq: 18 Dec 2021 16:11

Instrument :

BNA\_F

ClientSampleId :

SASP2-121-1(55-62)MS

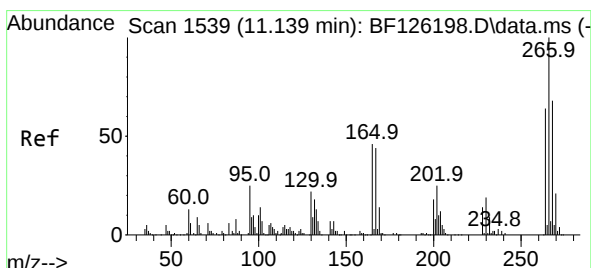
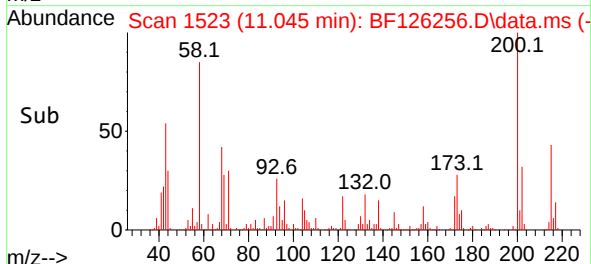
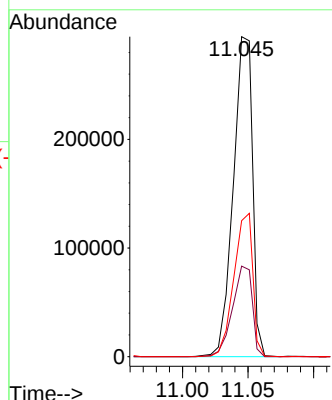
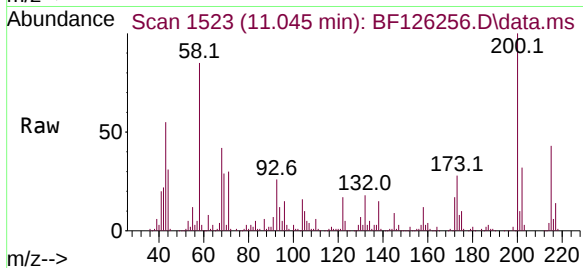
Tgt Ion:200 Resp: 301112

Ion Ratio Lower Upper

200 100

173 28.3 11.1 51.1

215 42.5 22.7 62.7



#70

Pentachlorophenol

Concen: 86.681 ng

RT: 11.145 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF126256.D

Acq: 18 Dec 2021 16:11

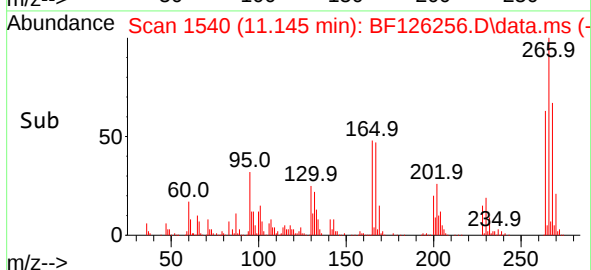
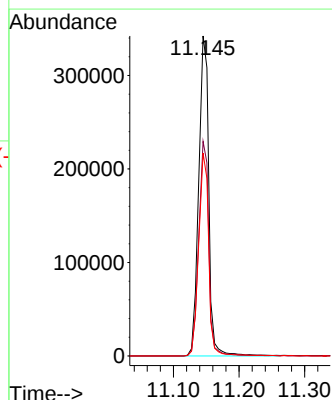
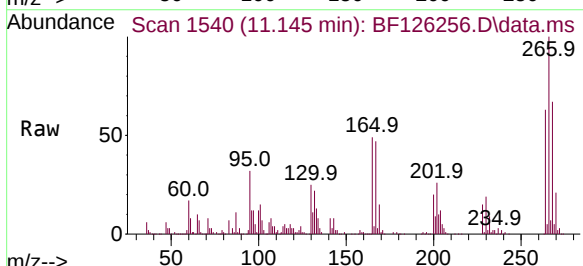
Tgt Ion:266 Resp: 366048

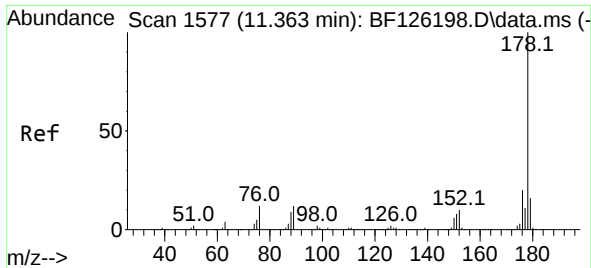
Ion Ratio Lower Upper

266 100

268 67.0 48.9 73.3

264 63.4 55.9 83.9

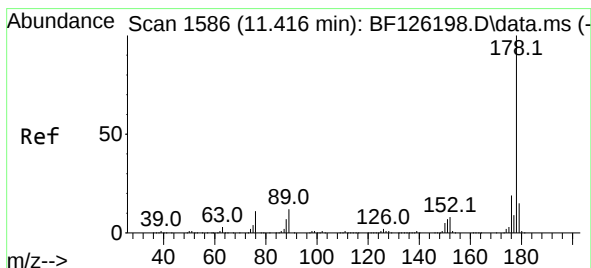
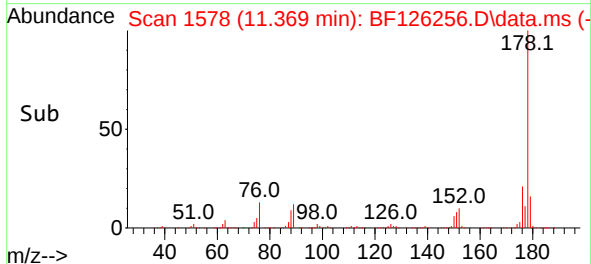
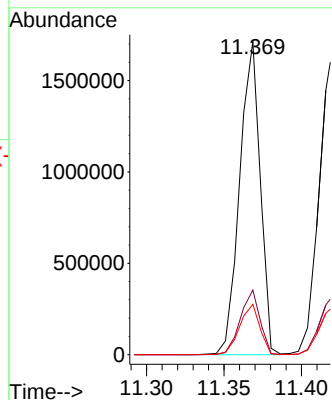
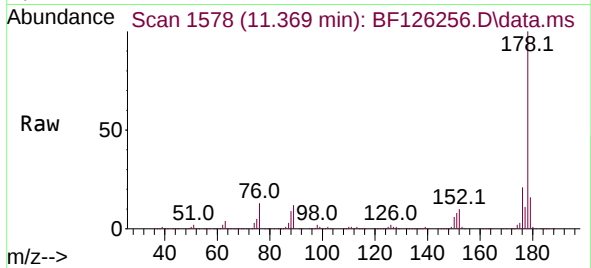




#71  
Phenanthrene  
Concen: 43.334 ng  
RT: 11.369 min Scan# 1577  
Delta R.T. 0.006 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

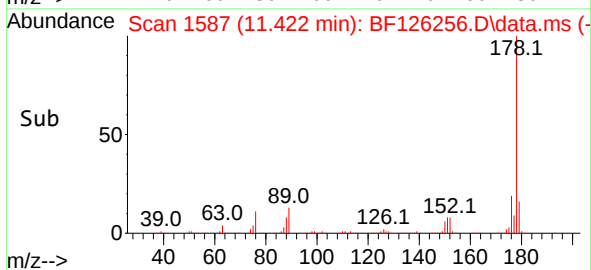
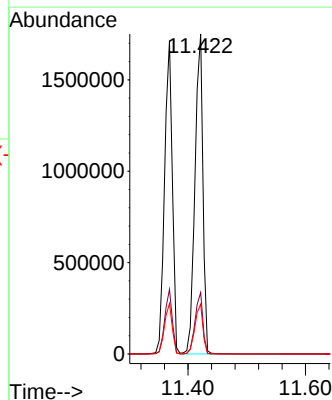
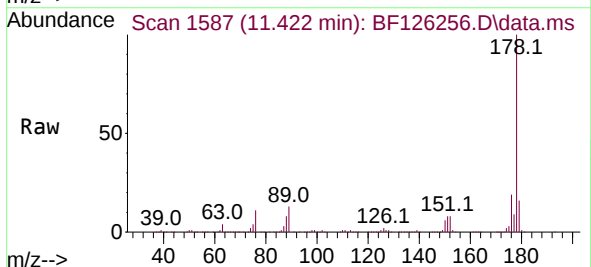
Instrument :  
BNA\_F  
ClientSampleId :  
SASP2-121-1(55-62)MS

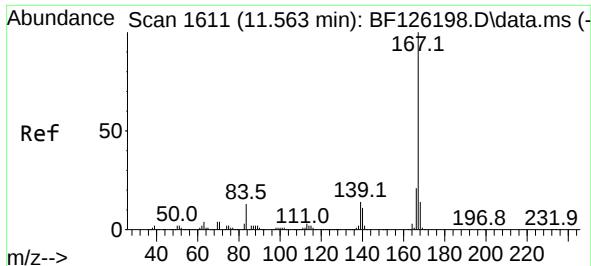
Tgt Ion:178 Resp: 1577277  
Ion Ratio Lower Upper  
178 100  
176 20.6 14.7 22.1  
179 16.1 11.5 17.3



#72  
Anthracene  
Concen: 44.768 ng  
RT: 11.422 min Scan# 1587  
Delta R.T. 0.006 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

Tgt Ion:178 Resp: 1635521  
Ion Ratio Lower Upper  
178 100  
176 19.2 14.3 21.5  
179 15.6 12.2 18.4

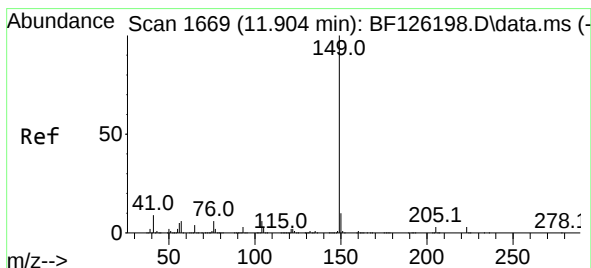
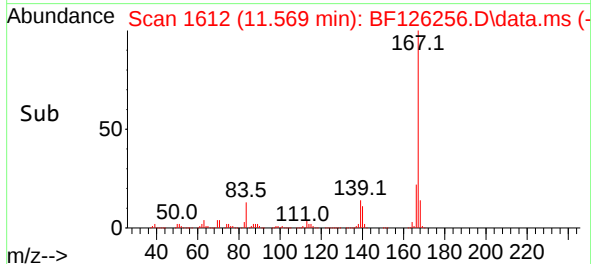
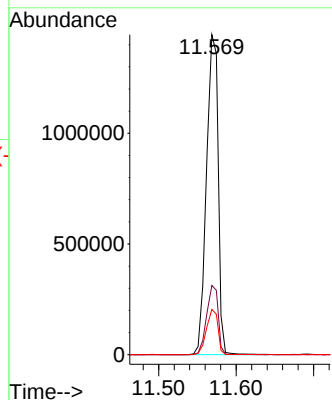
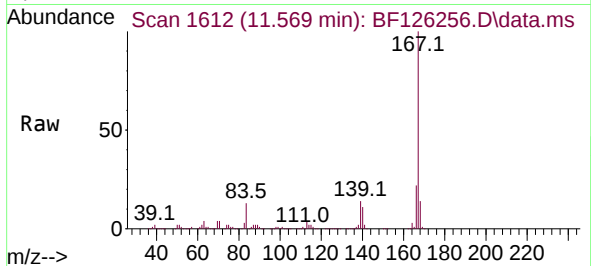




#73  
 Carbazole  
 Concen: 44.158 ng  
 RT: 11.569 min Scan# 1  
 Delta R.T. 0.006 min  
 Lab File: BF126256.D  
 Acq: 18 Dec 2021 16:11

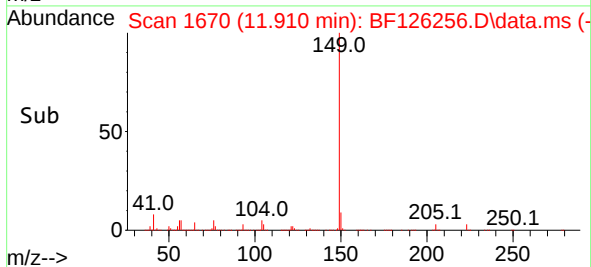
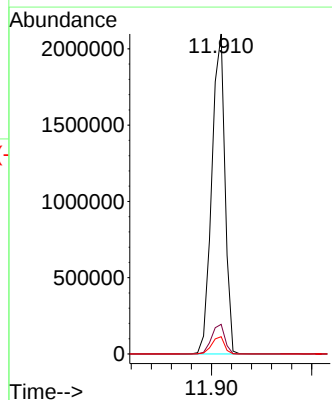
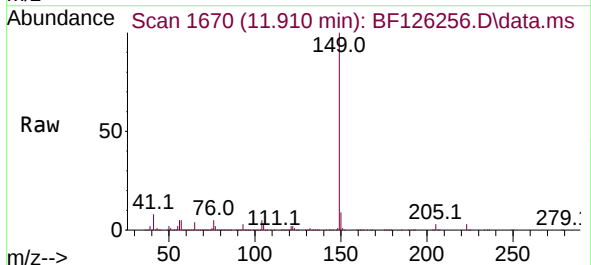
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SASP2-121-1(55-62)MS

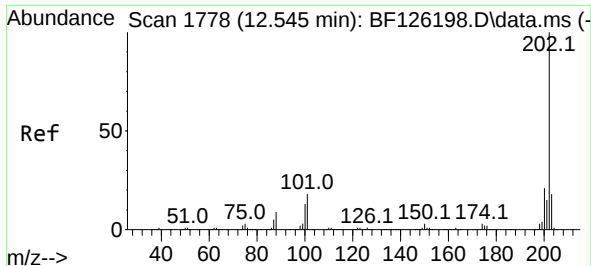
Tgt Ion:167 Resp: 1519241  
 Ion Ratio Lower Upper  
 167 100  
 166 21.7 17.4 26.0  
 139 14.2 11.0 16.4



#74  
 Di-n-butylphthalate  
 Concen: 43.969 ng  
 RT: 11.910 min Scan# 1670  
 Delta R.T. 0.006 min  
 Lab File: BF126256.D  
 Acq: 18 Dec 2021 16:11

Tgt Ion:149 Resp: 1917710  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.4 11.2  
 104 5.4 4.1 6.1

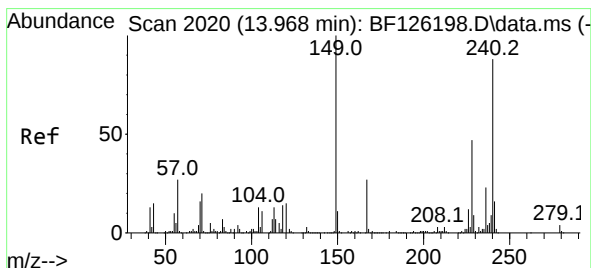
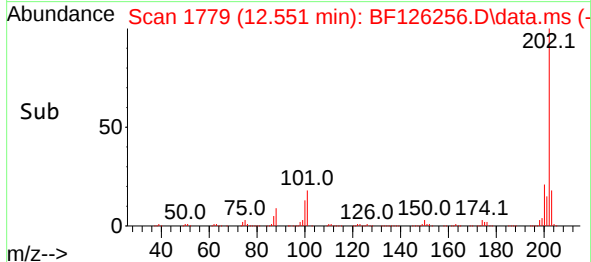
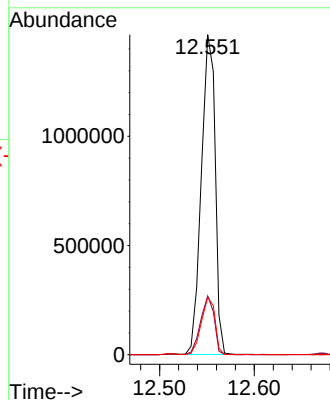
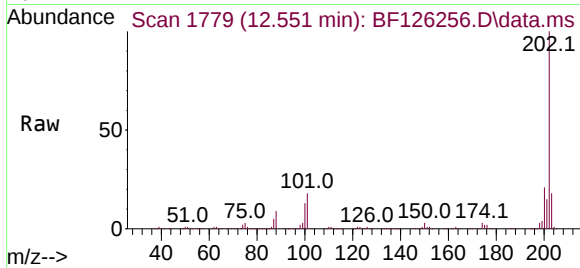




#75  
Fluoranthene  
Concen: 45.360 ng  
RT: 12.551 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

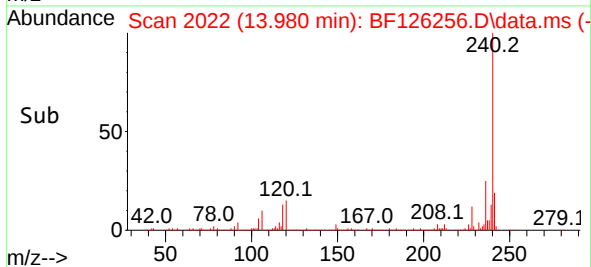
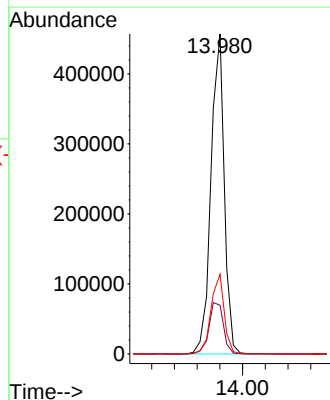
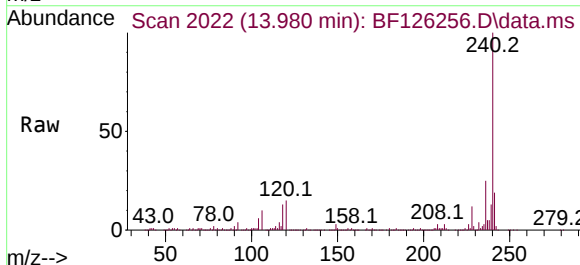
Instrument :  
BNA\_F  
ClientSampleId :  
SASP2-121-1(55-62)MS

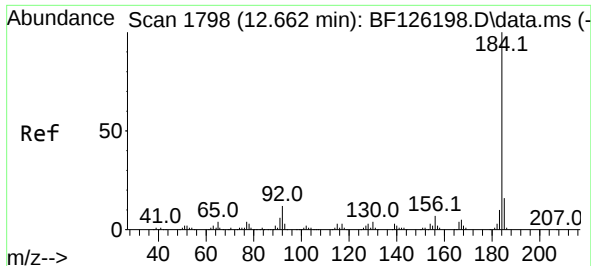
Tgt Ion:202 Resp: 1487503  
Ion Ratio Lower Upper  
202 100  
101 18.4 0.0 30.7  
203 17.9 0.0 36.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.980 min Scan# 2022  
Delta R.T. 0.012 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

Tgt Ion:240 Resp: 370287  
Ion Ratio Lower Upper  
240 100  
120 15.2 10.8 16.2  
236 24.9 21.6 32.4

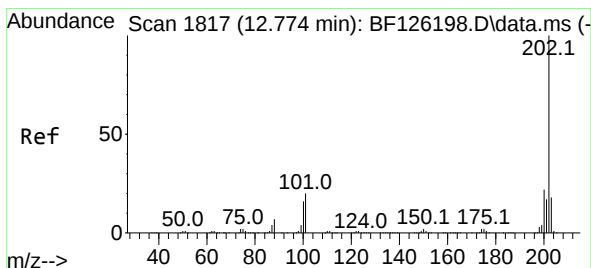
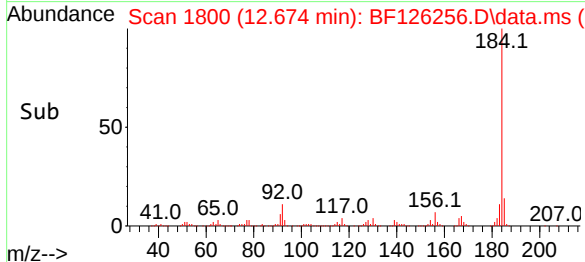
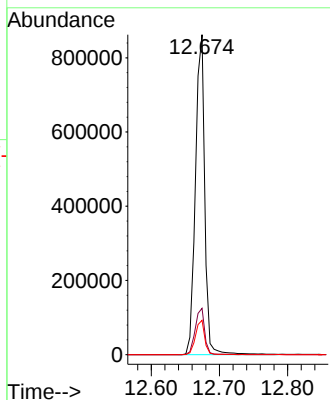
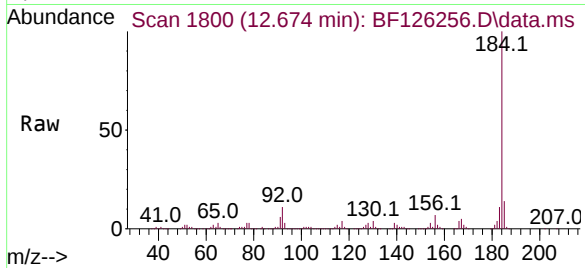




#77  
Benzidine  
Concen: 139.354 ng  
RT: 12.674 min Scan# 1800  
Delta R.T. 0.012 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

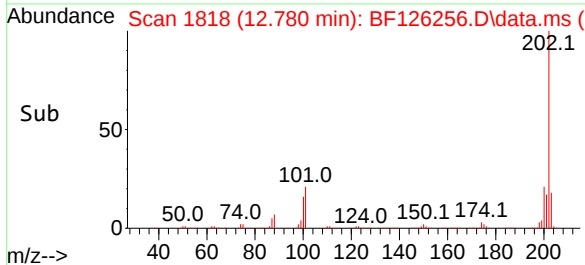
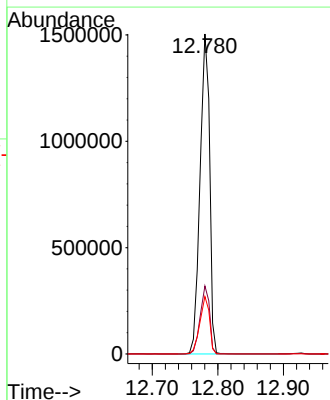
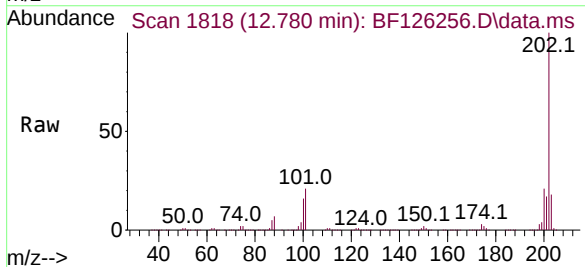
Instrument :  
BNA\_F  
ClientSampleId :  
SASP2-121-1(55-62)MS

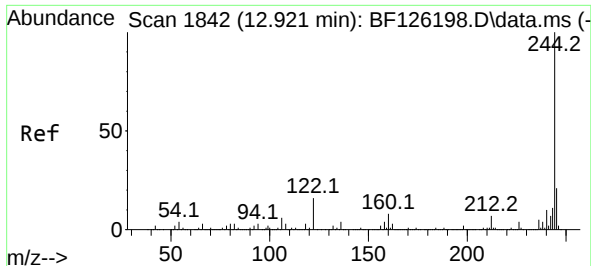
Tgt Ion:184 Resp: 813515  
Ion Ratio Lower Upper  
184 100  
185 14.5 10.8 16.2  
183 10.8 8.1 12.1



#78  
Pyrene  
Concen: 45.101 ng  
RT: 12.780 min Scan# 1818  
Delta R.T. 0.006 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

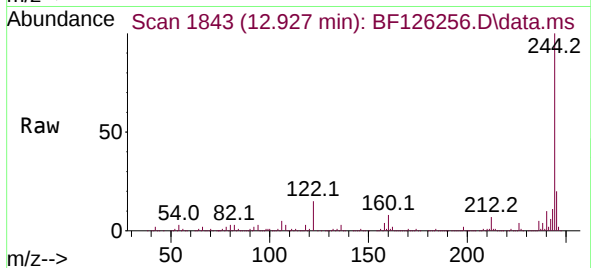
Tgt Ion:202 Resp: 1534313  
Ion Ratio Lower Upper  
202 100  
200 21.2 15.3 22.9  
203 18.0 13.4 20.0



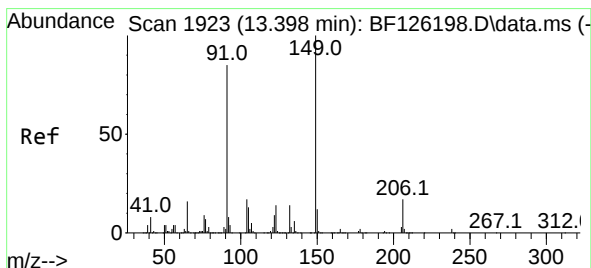
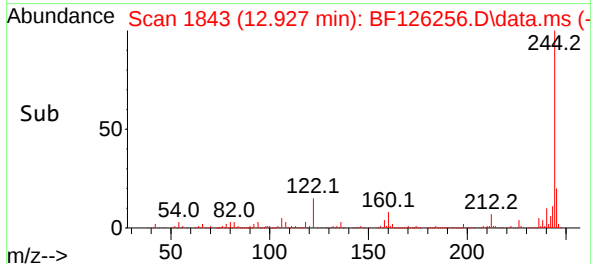
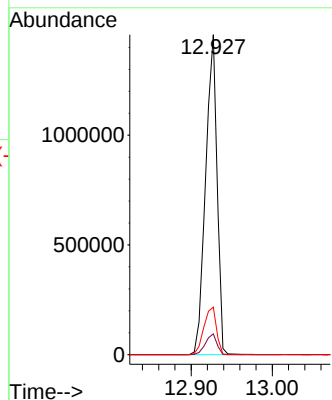


#79  
 Terphenyl-d14  
 Concen: 66.919 ng  
 RT: 12.927 min Scan# 1843  
 Delta R.T. 0.006 min  
 Lab File: BF126256.D  
 Acq: 18 Dec 2021 16:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SASP2-121-1(55-62)MS

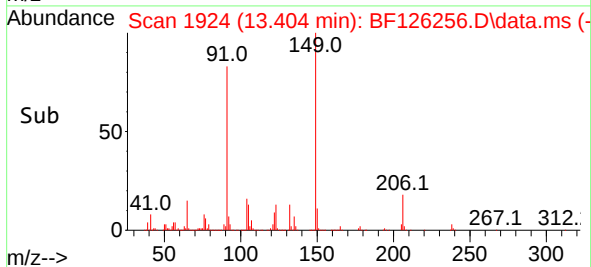
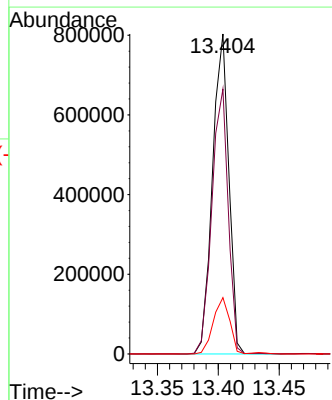
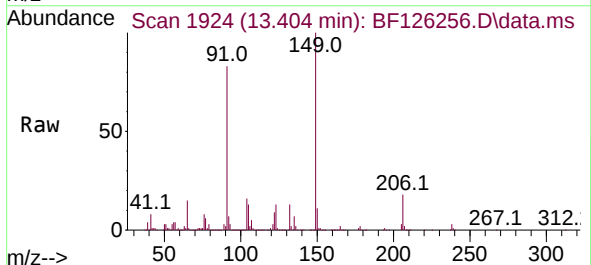


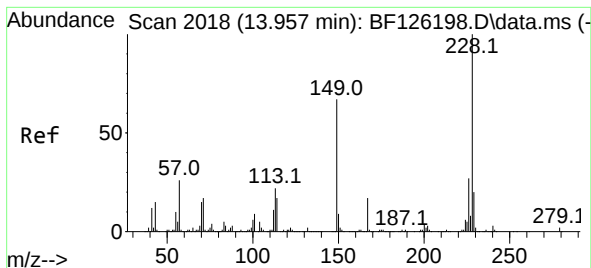
Tgt Ion:244 Resp: 1425633  
 Ion Ratio Lower Upper  
 244 100  
 212 6.5 5.9 8.9  
 122 14.9 9.0 13.4#



#80  
 Butylbenzylphthalate  
 Concen: 46.736 ng  
 RT: 13.404 min Scan# 1924  
 Delta R.T. 0.006 min  
 Lab File: BF126256.D  
 Acq: 18 Dec 2021 16:11

Tgt Ion:149 Resp: 748188  
 Ion Ratio Lower Upper  
 149 100  
 91 82.8 51.8 77.8#  
 206 17.6 14.5 21.7





#81

Benzo(a)anthracene

Concen: 42.747 ng

RT: 13.968 min Scan# 2018

Delta R.T. 0.012 min

Lab File: BF126256.D

Acq: 18 Dec 2021 16:11

Instrument :

BNA\_F

ClientSampleId :

SASP2-121-1(55-62)MS

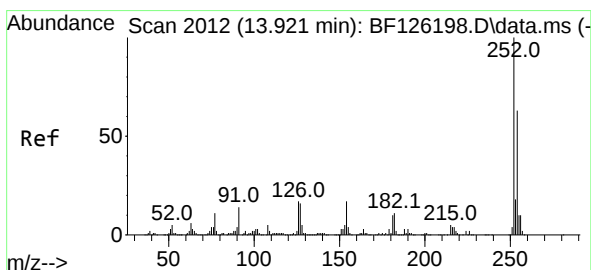
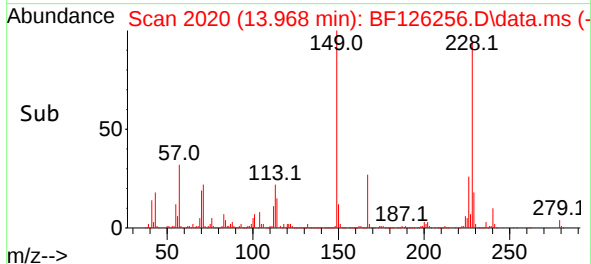
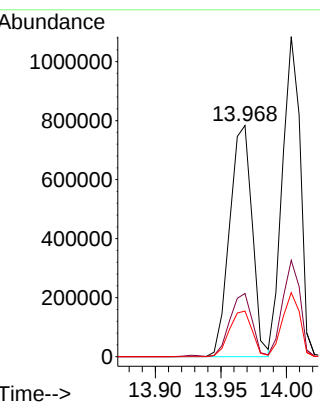
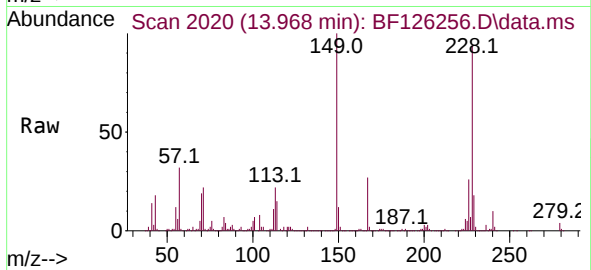
Tgt Ion:228 Resp: 937606

Ion Ratio Lower Upper

228 100

226 27.4 21.6 32.4

229 19.7 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 28.985 ng

RT: 13.927 min Scan# 2013

Delta R.T. 0.006 min

Lab File: BF126256.D

Acq: 18 Dec 2021 16:11

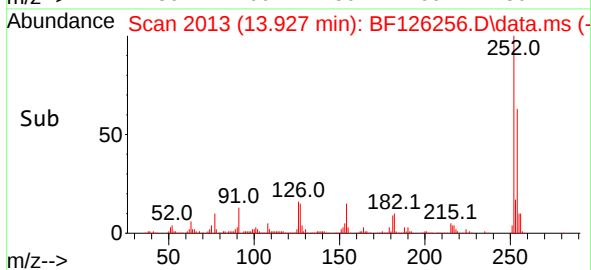
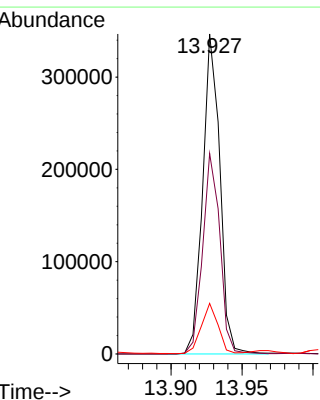
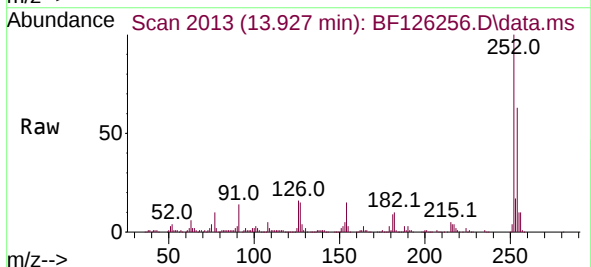
Tgt Ion:252 Resp: 290445

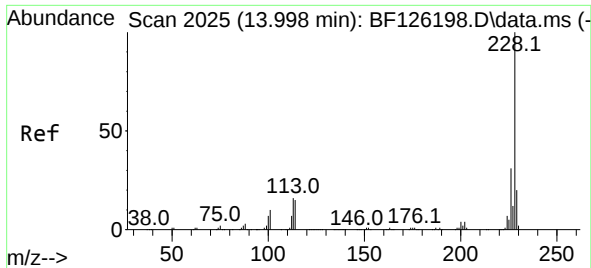
Ion Ratio Lower Upper

252 100

254 62.7 51.4 77.0

126 15.8 9.5 14.3#

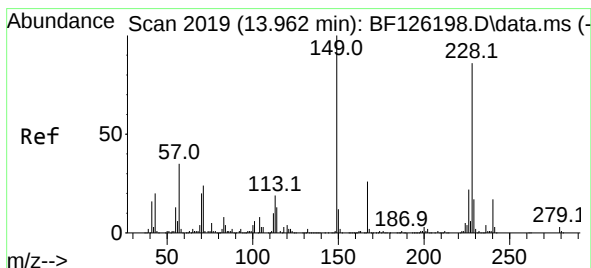
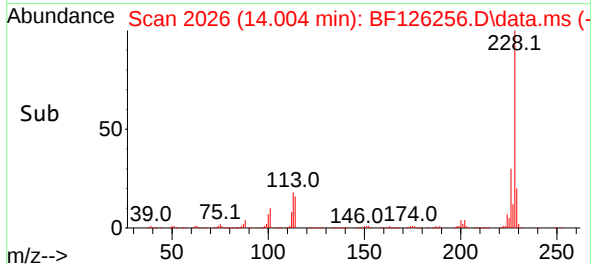
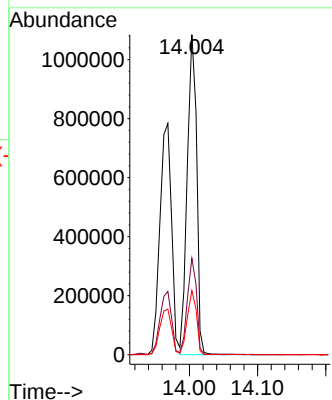
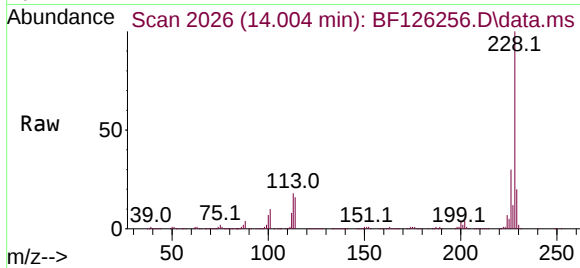




#83  
Chrysene  
Concen: 45.416 ng  
RT: 14.004 min Scan# 2025  
Delta R.T. 0.006 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

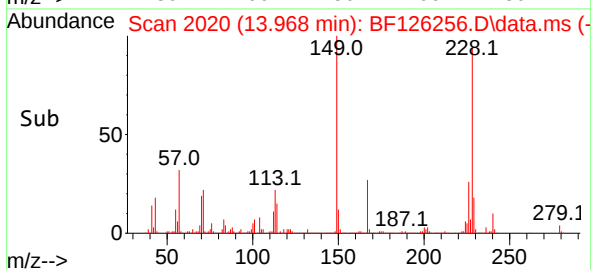
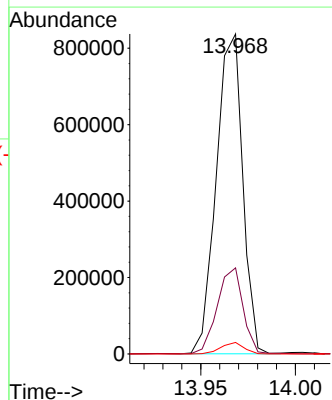
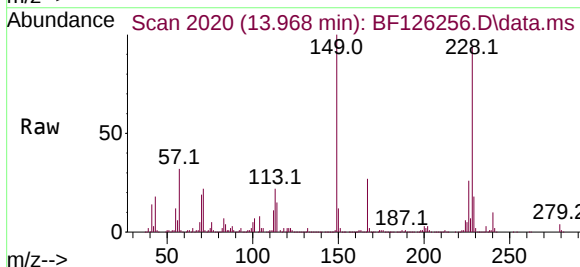
Instrument :  
BNA\_F  
ClientSampleId :  
SASP2-121-1(55-62)MS

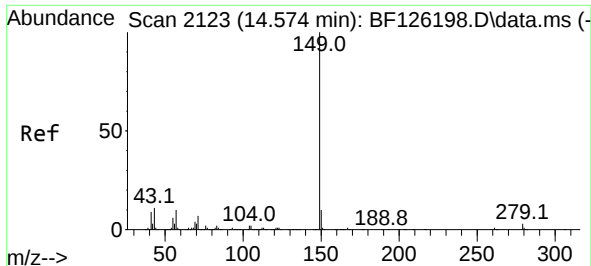
Tgt Ion:228 Resp: 1035001  
Ion Ratio Lower Upper  
228 100  
226 30.1 22.6 34.0  
229 20.0 15.9 23.9



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 45.434 ng  
RT: 13.968 min Scan# 2020  
Delta R.T. 0.006 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

Tgt Ion:149 Resp: 812780  
Ion Ratio Lower Upper  
149 100  
167 26.9 21.4 32.0  
279 3.6 2.6 4.0

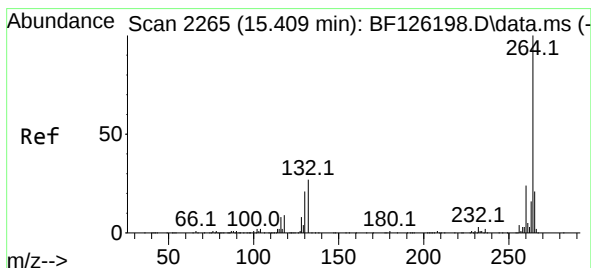
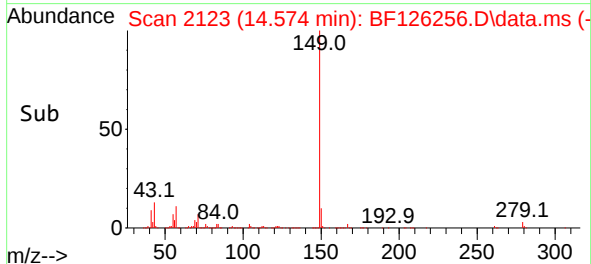
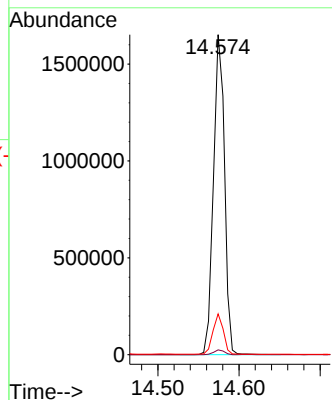
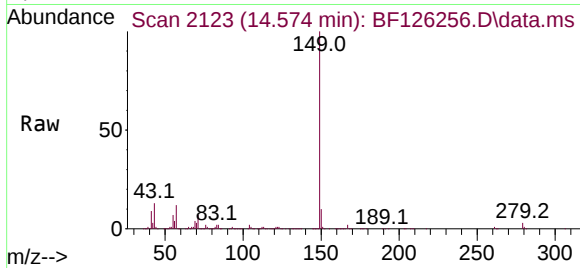




#85  
Di-n-octyl phthalate  
Concen: 48.897 ng  
RT: 14.574 min Scan# 2123  
Delta R.T. 0.000 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

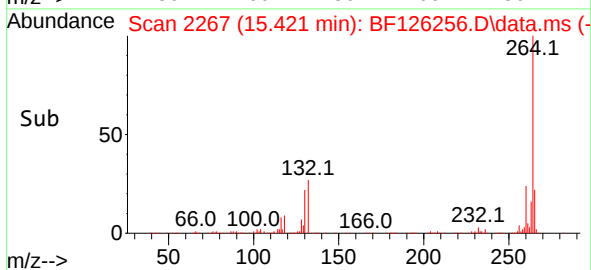
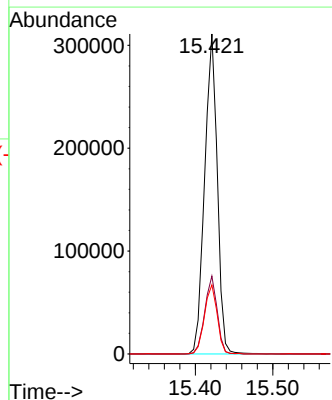
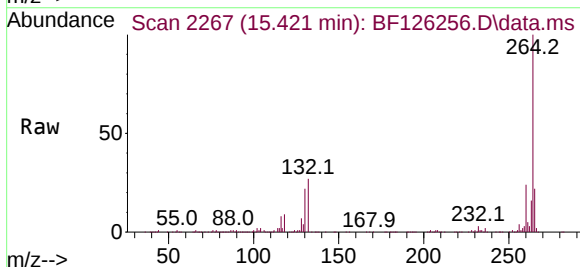
Instrument :  
BNA\_F  
ClientSampleId :  
SASP2-121-1(55-62)MS

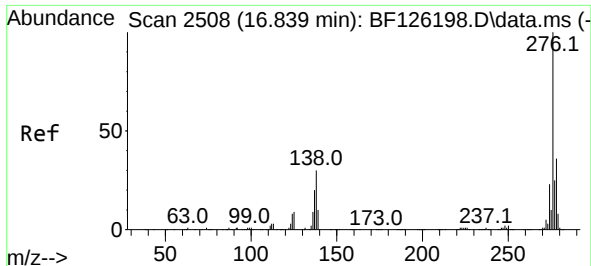
Tgt Ion:149 Resp: 1559305  
Ion Ratio Lower Upper  
149 100  
167 1.4 1.0 1.6  
43 12.0 9.9 14.9



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.421 min Scan# 2267  
Delta R.T. 0.012 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

Tgt Ion:264 Resp: 352376  
Ion Ratio Lower Upper  
264 100  
260 24.3 19.6 29.4  
265 21.6 17.2 25.8

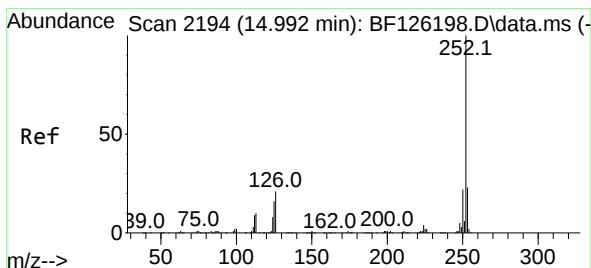
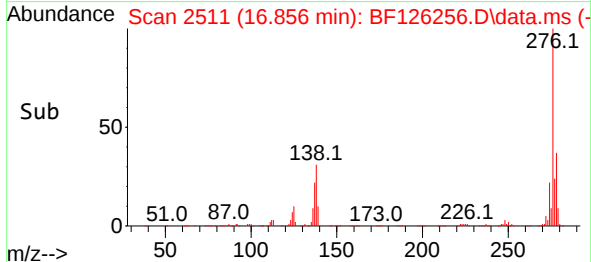
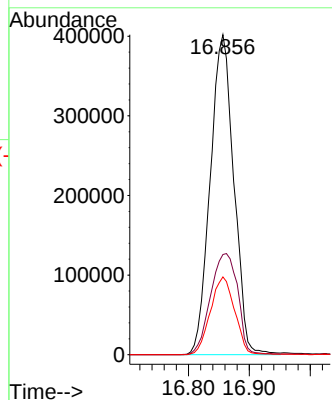
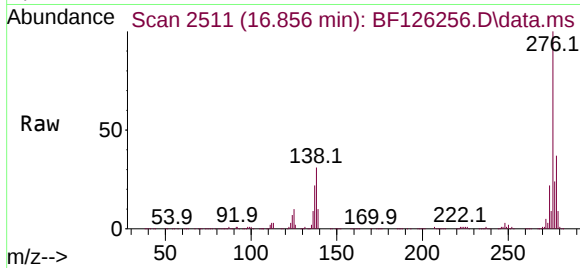




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 46.071 ng  
 RT: 16.856 min Scan# 2111  
 Delta R.T. 0.018 min  
 Lab File: BF126256.D  
 Acq: 18 Dec 2021 16:11

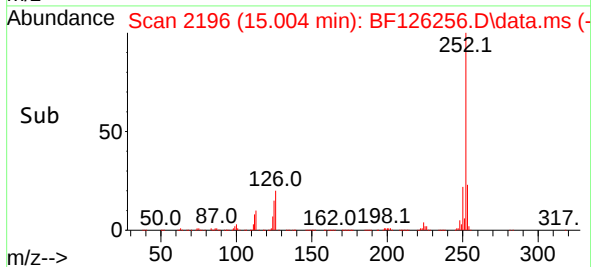
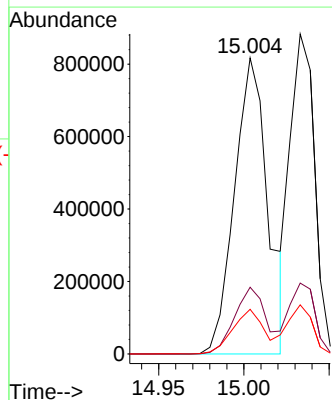
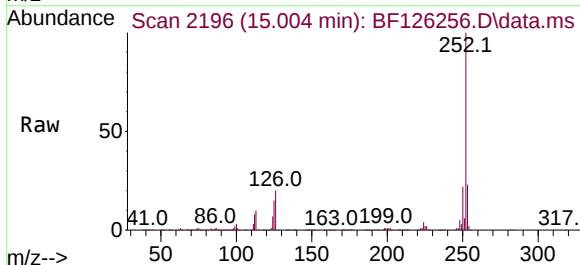
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SASP2-121-1(55-62)MS

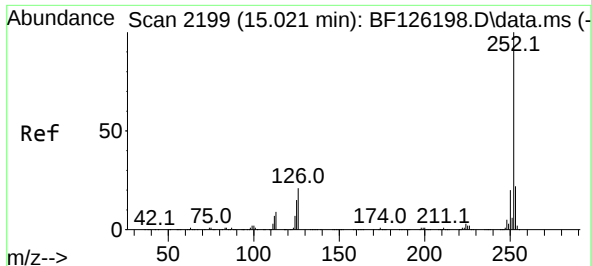
Tgt Ion:276 Resp: 1082850  
 Ion Ratio Lower Upper  
 276 100  
 138 36.6 24.1 36.1#  
 277 25.0 18.8 28.2



#88  
 Benzo(b)fluoranthene  
 Concen: 52.564 ng  
 RT: 15.004 min Scan# 2196  
 Delta R.T. 0.012 min  
 Lab File: BF126256.D  
 Acq: 18 Dec 2021 16:11

Tgt Ion:252 Resp: 1112916  
 Ion Ratio Lower Upper  
 252 100  
 253 22.6 16.8 25.2  
 125 15.1 9.8 14.8#

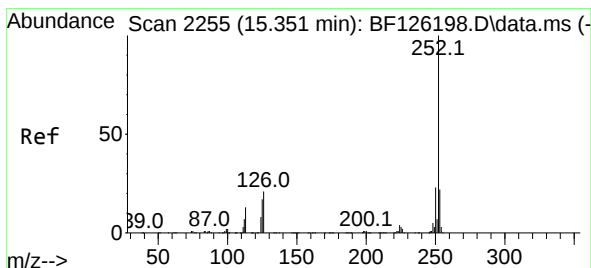
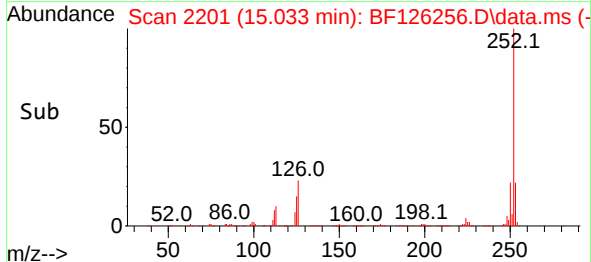
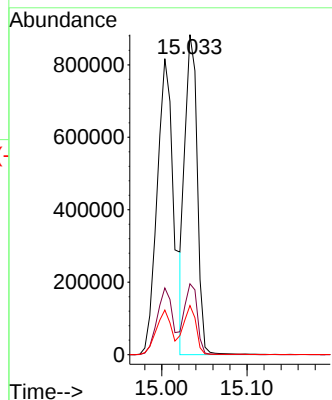
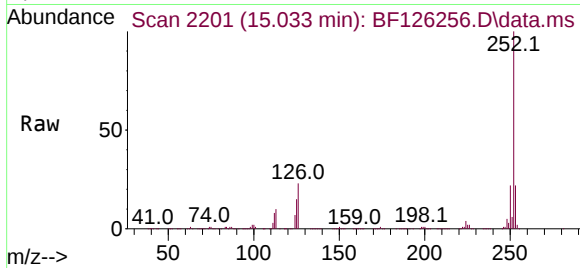




#89  
Benzo(k)fluoranthene  
Concen: 43.775 ng  
RT: 15.033 min Scan# 2199  
Delta R.T. 0.012 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

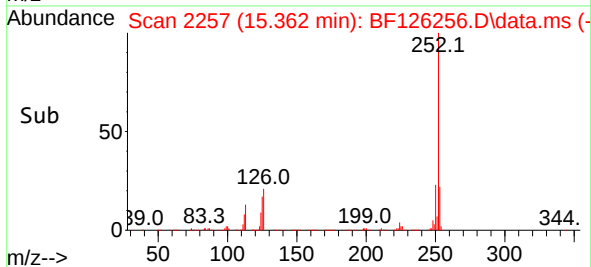
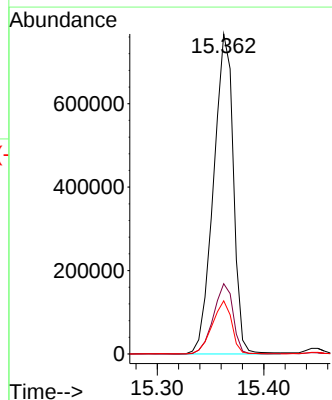
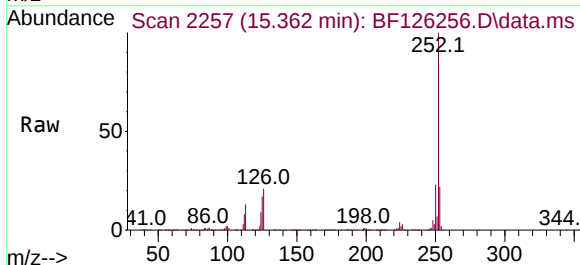
Instrument :  
BNA\_F  
ClientSampleId :  
SASP2-121-1(55-62)MS

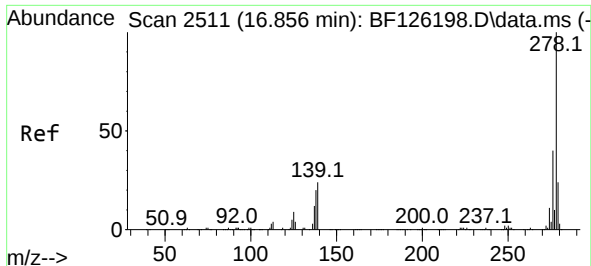
Tgt Ion:252 Resp: 886625  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.8 26.8  
125 15.3 7.2 10.8#



#90  
Benzo(a)pyrene  
Concen: 56.315 ng  
RT: 15.362 min Scan# 2257  
Delta R.T. 0.012 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

Tgt Ion:252 Resp: 990976  
Ion Ratio Lower Upper  
252 100  
253 21.9 18.4 27.6  
125 16.6 9.9 14.9#

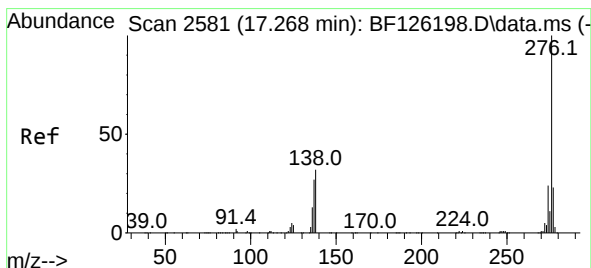
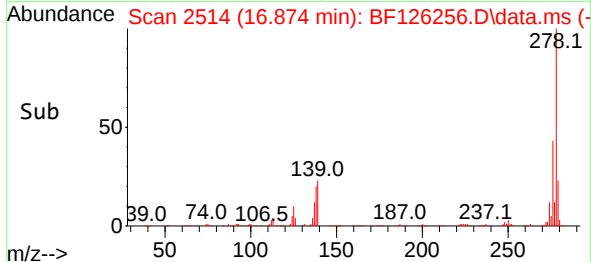
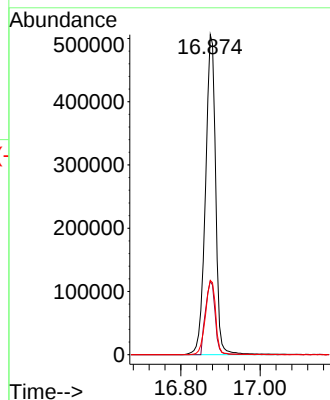
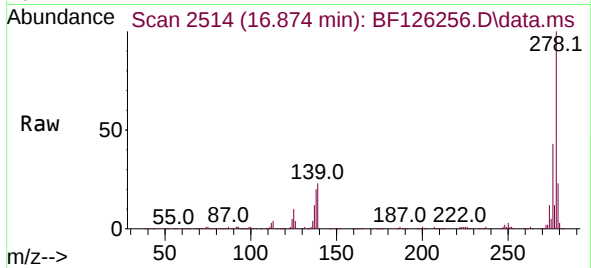




#91  
Dibenzo(a,h)anthracene  
Concen: 47.237 ng  
RT: 16.874 min Scan# 2511  
Delta R.T. 0.018 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

Instrument :  
BNA\_F  
ClientSampleId :  
SASP2-121-1(55-62)MS

Tgt Ion:278 Resp: 902529  
Ion Ratio Lower Upper  
278 100  
139 23.0 14.9 22.3#  
279 23.2 19.7 29.5



#92  
Benzo(g,h,i)perylene  
Concen: 47.530 ng  
RT: 17.286 min Scan# 2584  
Delta R.T. 0.018 min  
Lab File: BF126256.D  
Acq: 18 Dec 2021 16:11

Tgt Ion:276 Resp: 939602  
Ion Ratio Lower Upper  
276 100  
277 23.3 22.0 33.0  
138 32.1 22.2 33.4

