

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF040622\  
 Data File : BF127658.D  
 Acq On : 06 Apr 2022 20:08  
 Operator : CG\JU  
 Sample : N2277-01MSD  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PF-1MSD

Quant Time: Apr 07 02:39:41 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF040622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 06 13:55:27 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.963  | 152  | 89240    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.251  | 136  | 334471   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 10.010 | 164  | 194889   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.504 | 188  | 381999   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.157 | 240  | 322719   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.680 | 264  | 281928   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.581  | 112  | 579068   | 105.438 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.581  | 99   | 752904   | 104.792 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.528  | 82   | 525100   | 69.990  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.804 | 330  | 223662   | 107.846 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.328  | 172  | 927925   | 67.356  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.092 | 244  | 1244252  | 63.639  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.834  | 88   | 110674   | 42.486  | ng    | 87       |
| 3) Pyridine                   | 3.599  | 79   | 287844   | 41.954  | ng    | 89       |
| 4) n-Nitrosodimethylamine     | 3.563  | 42   | 176011   | 47.702  | ng    | 98       |
| 6) Aniline                    | 6.628  | 93   | 393413   | 45.911  | ng    | 95       |
| 8) 2-Chlorophenol             | 6.745  | 128  | 284977   | 51.153  | ng    | 96       |
| 9) Benzaldehyde               | 6.516  | 77   | 231282   | 69.670  | ng    | 97       |
| 10) Phenol                    | 6.592  | 94   | 369267   | 51.400  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.698  | 93   | 290576   | 48.977  | ng    | 91       |
| 12) 1,3-Dichlorobenzene       | 6.904  | 146  | 307126   | 48.247  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.981  | 146  | 308757   | 47.981  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 7.134  | 146  | 296849   | 48.261  | ng    | 97       |
| 15) Benzyl Alcohol            | 7.098  | 79   | 295272   | 47.009  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.234  | 45   | 441123   | 47.103  | ng    | 99       |
| 17) 2-Methylphenol            | 7.204  | 107  | 243648   | 50.277  | ng    | 98       |
| 18) Hexachloroethane          | 7.481  | 117  | 118236   | 48.152  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.375  | 70   | 229872   | 49.468  | ng    | 96       |
| 20) 3+4-Methylphenols         | 7.357  | 107  | 305636   | 49.492  | ng    | # 60     |
| 22) Acetophenone              | 7.375  | 105  | 414782   | 46.149  | ng    | # 84     |
| 24) Nitrobenzene              | 7.545  | 77   | 349636   | 48.075  | ng    | 97       |
| 25) Isophorone                | 7.786  | 82   | 645788   | 49.330  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.863  | 139  | 135640   | 51.897  | ng    | 92       |
| 27) 2,4-Dimethylphenol        | 7.892  | 122  | 272601   | 53.272  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.992  | 93   | 360849   | 44.703  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.098  | 162  | 253942   | 46.067  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.186  | 180  | 278104   | 43.836  | ng    | 96       |
| 31) Naphthalene               | 8.269  | 128  | 806635   | 46.024  | ng    | 98       |
| 32) Benzoic acid              | 7.998  | 122  | 171197   | 46.113  | ng    | 96       |
| 33) 4-Chloroaniline           | 8.316  | 127  | 233671   | 33.853  | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.386  | 225  | 188984   | 43.304  | ng    | 98       |
| 35) Caprolactam               | 8.681  | 113  | 44999    | 27.620  | ng    | # 79     |
| 36) 4-Chloro-3-methylphenol   | 8.792  | 107  | 274555   | 47.507  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.963  | 142  | 541583   | 46.202  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 9.063  | 142  | 524771   | 46.381  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 9.128  | 216  | 280521   | 43.885  | ng    | # 98     |
| 41) Hexachlorocyclopentadiene | 9.116  | 237  | 378852   | 98.390  | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 9.233  | 196  | 190072   | 43.798  | ng    | 99       |

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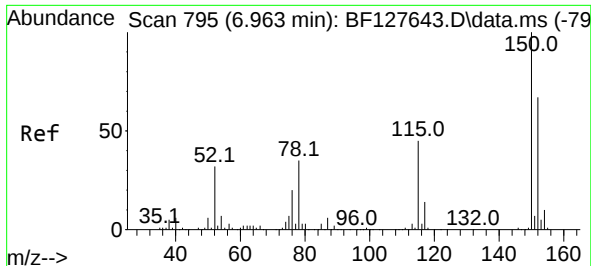
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PF-1MSD

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 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF040622.M  
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 QLast Update : Wed Apr 06 13:55:27 2022  
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| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.275  | 196  | 201916   | 46.109  | ng    | 96       |
| 46) 1,1'-Biphenyl             | 9.428  | 154  | 683719   | 45.873  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.457  | 162  | 534423   | 45.120  | ng    | 100      |
| 48) 2-Nitroaniline            | 9.551  | 65   | 193088   | 52.488  | ng    | 90       |
| 49) Acenaphthylene            | 9.875  | 152  | 886879   | 49.227  | ng    | 99       |
| 50) Dimethylphthalate         | 9.728  | 163  | 660751   | 46.774  | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 9.792  | 165  | 138406   | 51.978  | ng    | 95       |
| 52) Acenaphthene              | 10.045 | 154  | 571895   | 50.385  | ng    | 98       |
| 53) 3-Nitroaniline            | 9.963  | 138  | 107821   | 38.329  | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 10.063 | 184  | 125444   | 94.051  | ng    | 89       |
| 55) Dibenzofuran              | 10.222 | 168  | 757835   | 45.753  | ng    | 98       |
| 56) 4-Nitrophenol             | 10.110 | 139  | 233154   | 105.521 | ng    | 90       |
| 57) 2,4-Dinitrotoluene        | 10.192 | 165  | 184104   | 55.767  | ng    | 95       |
| 58) Fluorene                  | 10.563 | 166  | 588138   | 48.057  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.327 | 232  | 175430   | 45.974  | ng    | 96       |
| 60) Diethylphthalate          | 10.433 | 149  | 637526   | 47.161  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.551 | 204  | 306900   | 45.640  | ng    | 94       |
| 62) 4-Nitroaniline            | 10.580 | 138  | 145371   | 54.870  | ng    | 91       |
| 63) Azobenzene                | 10.716 | 77   | 703534   | 46.575  | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 10.604 | 198  | 82272    | 44.590  | ng    | 82       |
| 66) n-Nitrosodiphenylamine    | 10.675 | 169  | 528765   | 43.951  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 11.045 | 248  | 199802   | 43.097  | ng    | # 91     |
| 68) Hexachlorobenzene         | 11.110 | 284  | 223665   | 44.134  | ng    | 98       |
| 69) Atrazine                  | 11.198 | 200  | 206757   | 51.725  | ng    | 99       |
| 70) Pentachlorophenol         | 11.298 | 266  | 259192   | 85.631  | ng    | 97       |
| 71) Phenanthrene              | 11.533 | 178  | 918069   | 45.360  | ng    | 99       |
| 72) Anthracene                | 11.580 | 178  | 932319   | 46.568  | ng    | 98       |
| 73) Carbazole                 | 11.733 | 167  | 862682   | 45.986  | ng    | 99       |
| 74) Di-n-butylphthalate       | 12.063 | 149  | 1055047  | 47.046  | ng    | 99       |
| 75) Fluoranthene              | 12.721 | 202  | 1097333  | 49.684  | ng    | 99       |
| 77) Benzidine                 | 12.845 | 184  | 670080   | 79.552  | ng    | 99       |
| 78) Pyrene                    | 12.957 | 202  | 1122077  | 41.175  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.568 | 149  | 462521   | 45.584  | ng    | 97       |
| 81) Benzo(a)anthracene        | 14.145 | 228  | 1004359  | 46.597  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.104 | 252  | 216066   | 32.155  | ng    | 98       |
| 83) Chrysene                  | 14.186 | 228  | 936746   | 45.275  | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 14.127 | 149  | 636871   | 44.530  | ng    | 96       |
| 85) Di-n-octyl phthalate      | 14.751 | 149  | 1007415  | 48.174  | ng    | 95       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.251 | 276  | 889772   | 50.513  | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.227 | 252  | 922076   | 50.841  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.262 | 252  | 790005   | 43.919  | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.615 | 252  | 822358   | 55.787  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 17.274 | 278  | 766406   | 53.700  | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.733 | 276  | 786377   | 53.746  | ng    | 99       |

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

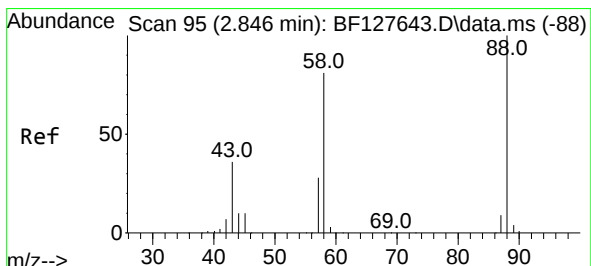
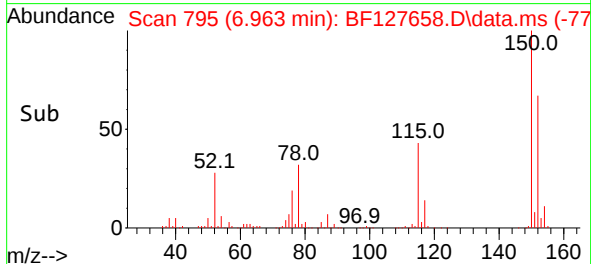
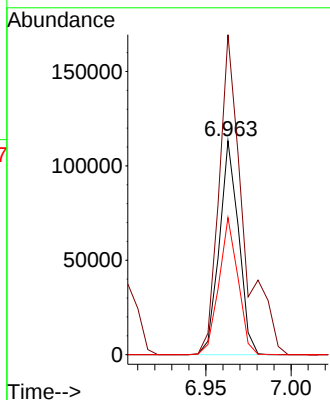
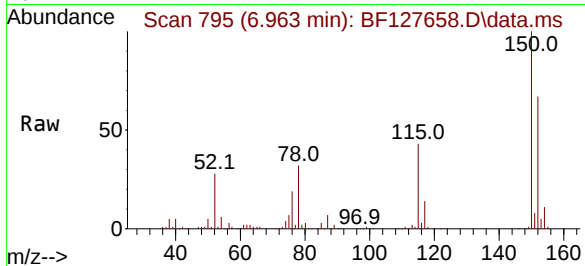




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.963 min Scan# 79  
 Delta R.T. -0.000 min  
 Lab File: BF127658.D  
 Acq: 06 Apr 2022 20:08

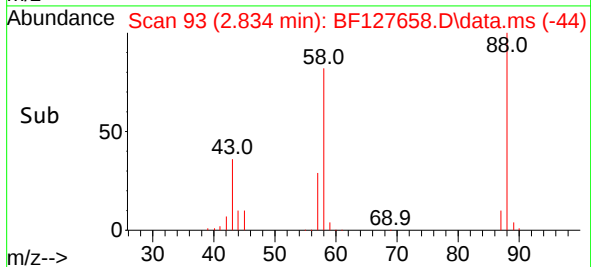
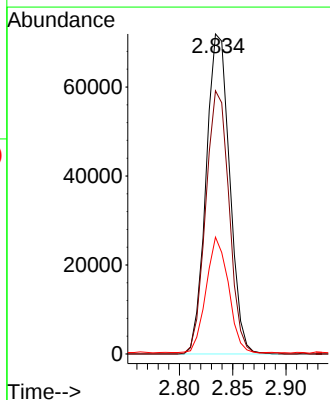
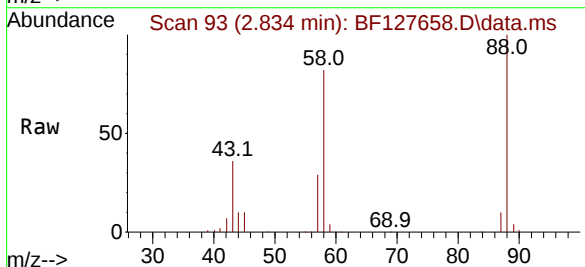
Instrument :  
 BNA\_F  
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 PF-1MSD

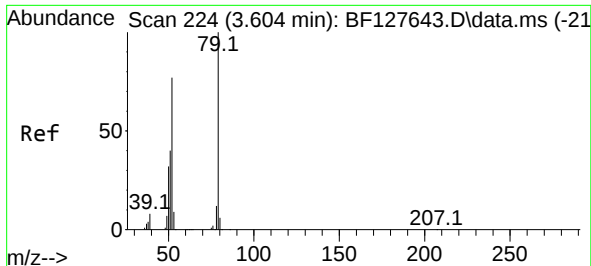
Tgt Ion:152 Resp: 89240  
 Ion Ratio Lower Upper  
 152 100  
 150 149.5 117.2 175.8  
 115 64.1 49.8 74.6



#2  
 1,4-Dioxane  
 Concen: 42.486 ng  
 RT: 2.834 min Scan# 93  
 Delta R.T. -0.012 min  
 Lab File: BF127658.D  
 Acq: 06 Apr 2022 20:08

Tgt Ion: 88 Resp: 110674  
 Ion Ratio Lower Upper  
 88 100  
 58 81.7 77.0 115.4  
 43 34.4 31.3 46.9





#3

Pyridine

Concen: 41.954 ng

RT: 3.599 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF127658.D

Acq: 06 Apr 2022 20:08

Instrument :

BNA\_F

ClientSampleId :

PF-1MSD

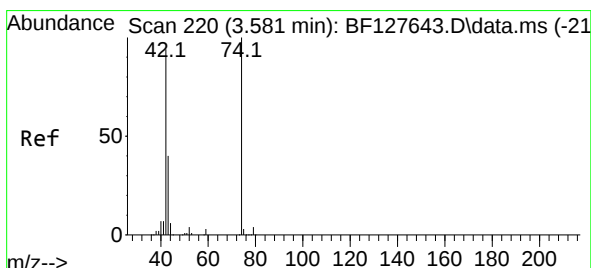
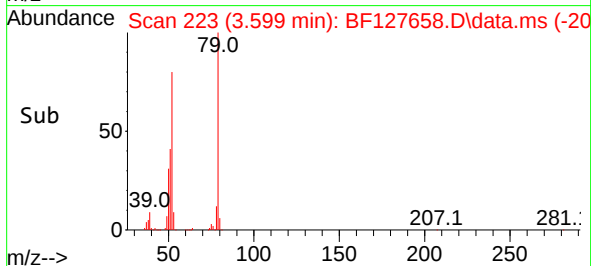
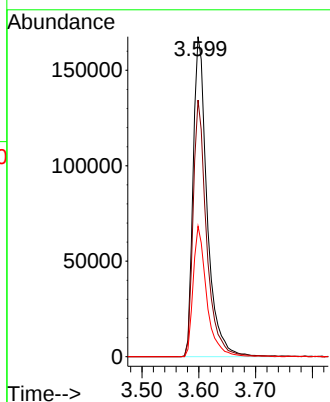
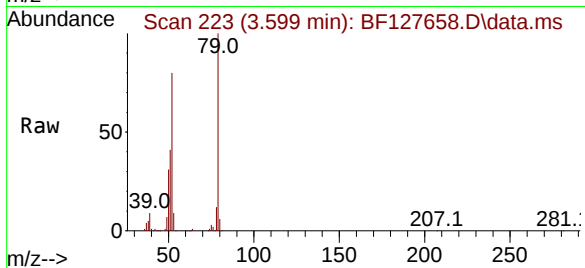
Tgt Ion: 79 Resp: 287844

Ion Ratio Lower Upper

79 100

52 80.2 74.2 111.4

51 40.7 36.7 55.1



#4

n-Nitrosodimethylamine

Concen: 47.702 ng

RT: 3.563 min Scan# 217

Delta R.T. -0.018 min

Lab File: BF127658.D

Acq: 06 Apr 2022 20:08

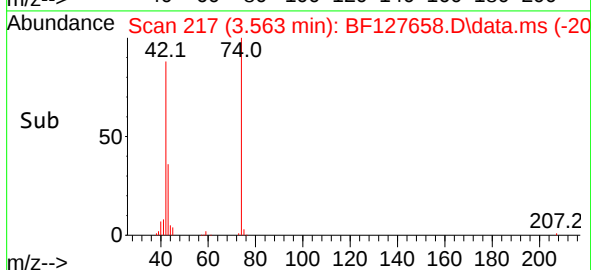
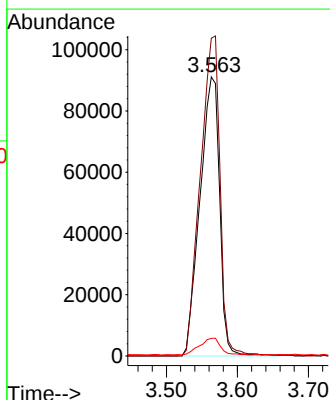
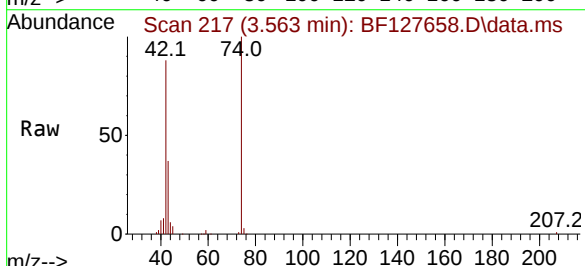
Tgt Ion: 42 Resp: 176011

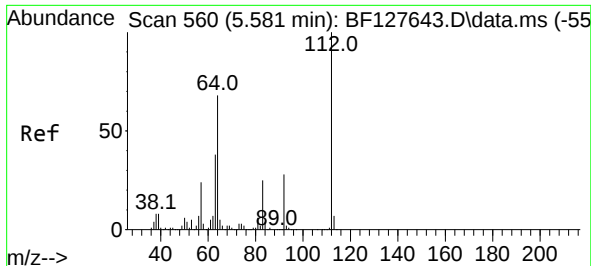
Ion Ratio Lower Upper

42 100

74 113.9 92.4 138.6

44 6.3 6.0 9.0

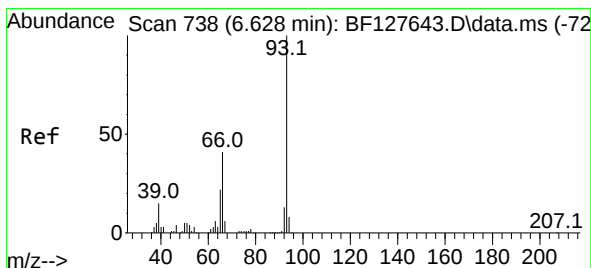
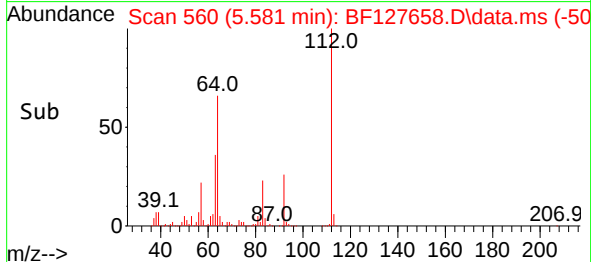
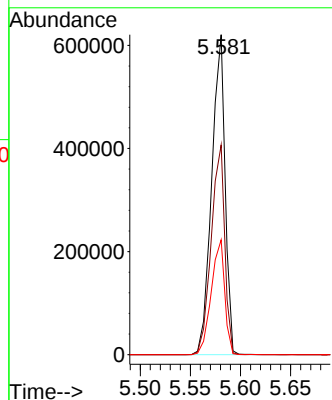
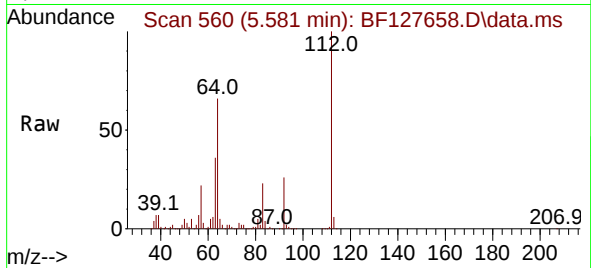




#5  
2-Fluorophenol  
Concen: 105.438 ng  
RT: 5.581 min Scan# 509  
Delta R.T. -0.000 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

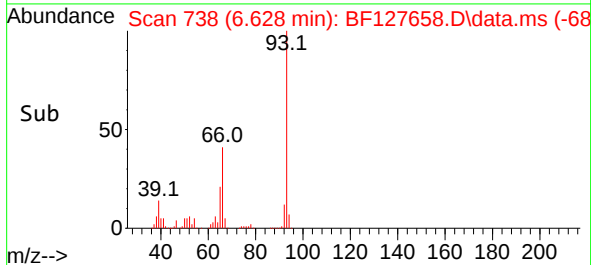
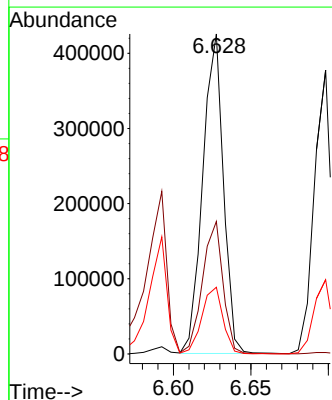
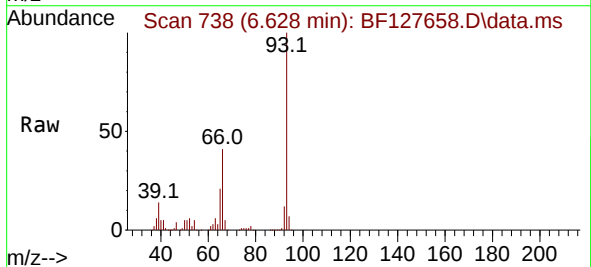
Instrument :  
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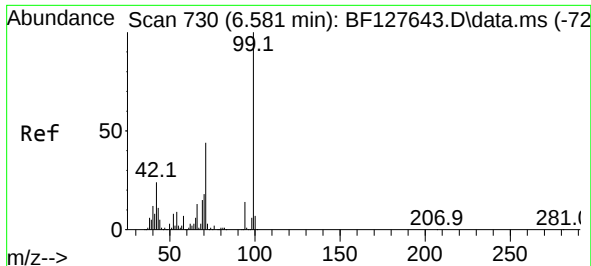
Tgt Ion:112 Resp: 579068  
Ion Ratio Lower Upper  
112 100  
64 65.5 58.4 87.6  
63 35.9 30.1 45.1



#6  
Aniline  
Concen: 45.911 ng  
RT: 6.628 min Scan# 738  
Delta R.T. -0.000 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

Tgt Ion: 93 Resp: 393413  
Ion Ratio Lower Upper  
93 100  
66 41.4 36.2 54.4  
65 20.9 18.4 27.6

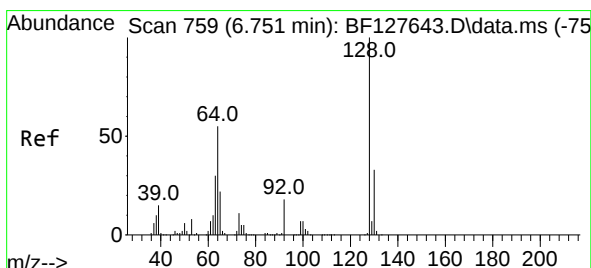
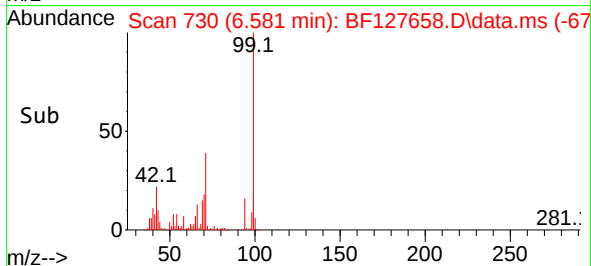
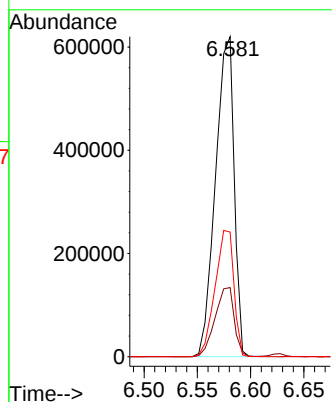
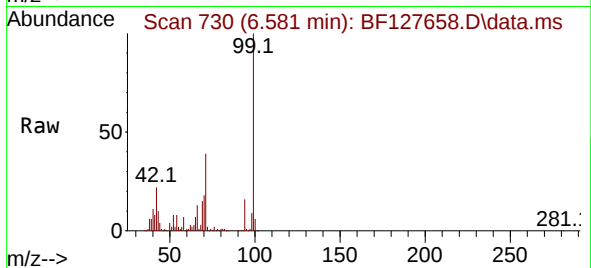




#7  
Phenol-d6  
Concen: 104.792 ng  
RT: 6.581 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

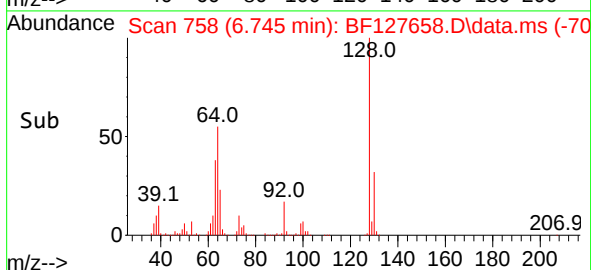
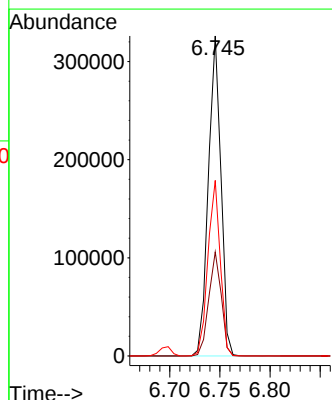
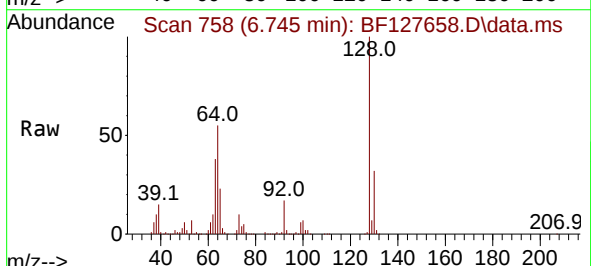
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ClientSampleId :  
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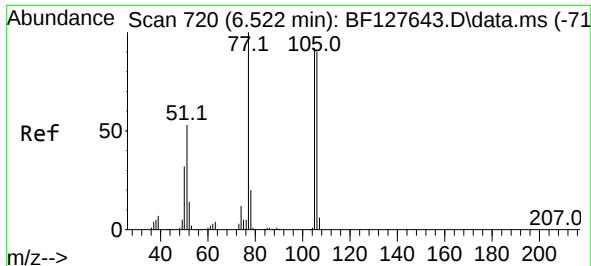
Tgt Ion: 99 Resp: 752904  
Ion Ratio Lower Upper  
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42 21.6 17.8 26.6  
71 38.9 29.6 44.4



#8  
2-Chlorophenol  
Concen: 51.153 ng  
RT: 6.745 min Scan# 758  
Delta R.T. -0.006 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

Tgt Ion: 128 Resp: 284977  
Ion Ratio Lower Upper  
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130 32.5 11.3 51.3  
64 54.9 38.4 78.4

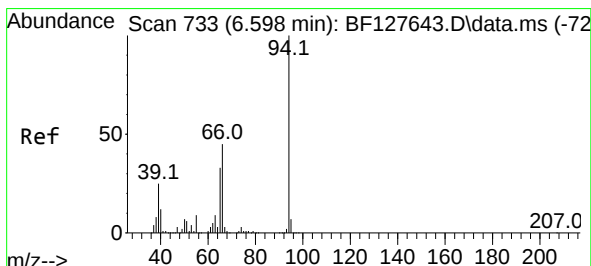
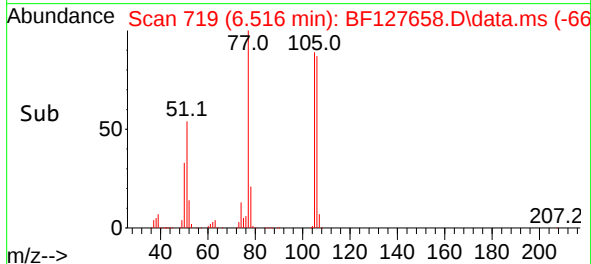
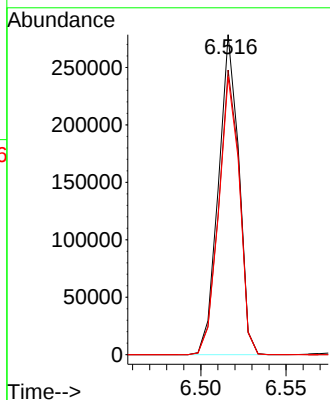
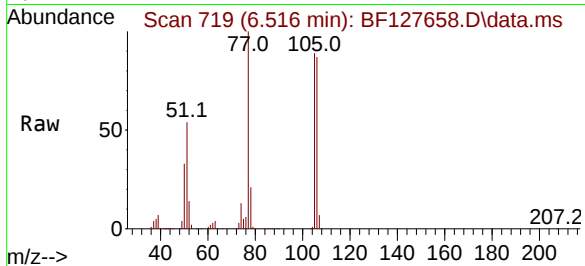




#9  
Benzaldehyde  
Concen: 69.670 ng  
RT: 6.516 min Scan# 719  
Delta R.T. -0.006 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

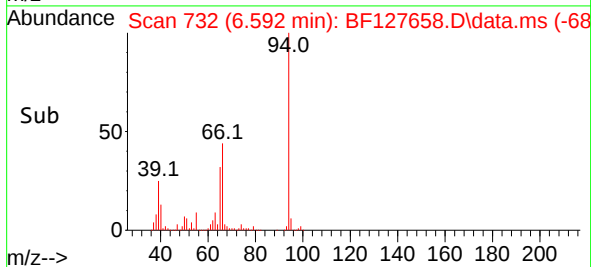
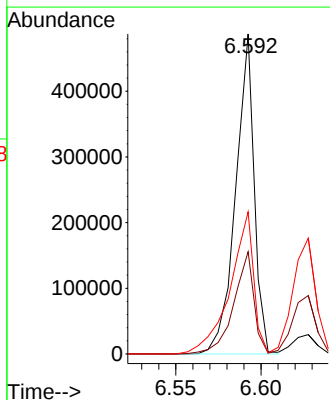
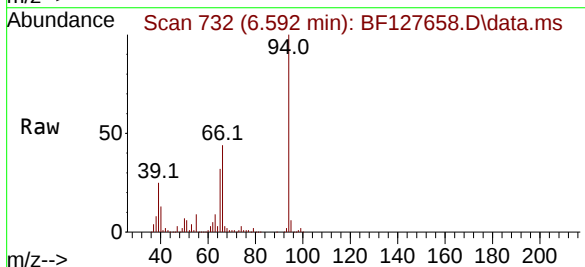
Instrument :  
BNA\_F  
ClientSampleId :  
PF-1MSD

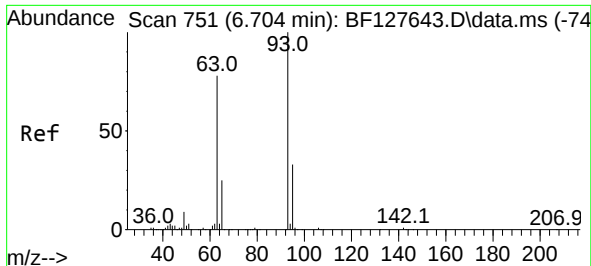
Tgt Ion: 77 Resp: 231282  
Ion Ratio Lower Upper  
77 100  
105 89.0 66.8 106.8  
106 86.8 64.3 104.3



#10  
Phenol  
Concen: 51.400 ng  
RT: 6.592 min Scan# 732  
Delta R.T. -0.006 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

Tgt Ion: 94 Resp: 369267  
Ion Ratio Lower Upper  
94 100  
65 32.0 13.1 53.1  
66 44.4 24.9 64.9





#11

bis(2-Chloroethyl)ether

Concen: 48.977 ng

RT: 6.698 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF127658.D

Acq: 06 Apr 2022 20:08

Instrument :

BNA\_F

ClientSampleId :

PF-1MSD

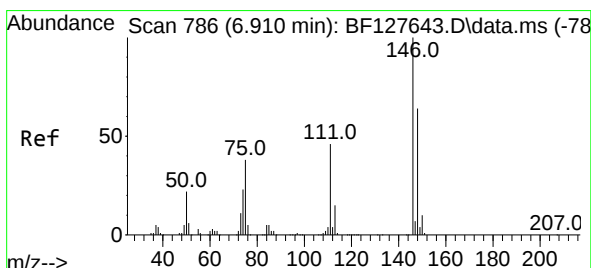
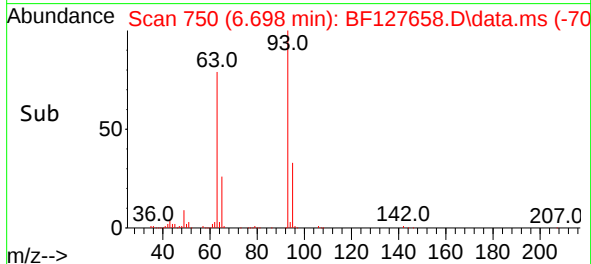
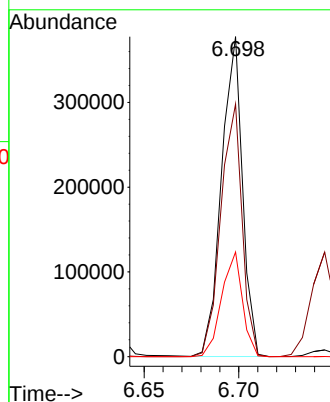
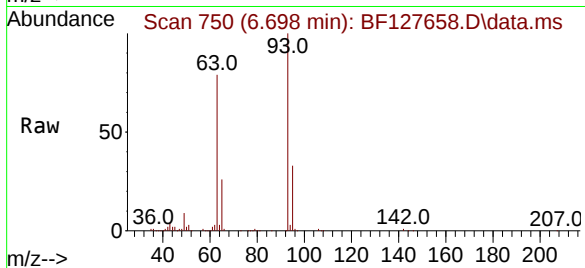
Tgt Ion: 93 Resp: 290576

Ion Ratio Lower Upper

93 100

63 79.0 69.6 109.6

95 32.7 11.6 51.6



#12

1,3-Dichlorobenzene

Concen: 48.247 ng

RT: 6.904 min Scan# 785

Delta R.T. -0.006 min

Lab File: BF127658.D

Acq: 06 Apr 2022 20:08

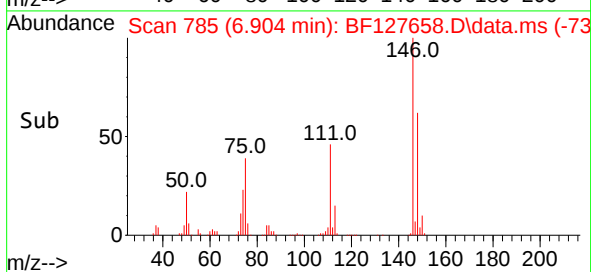
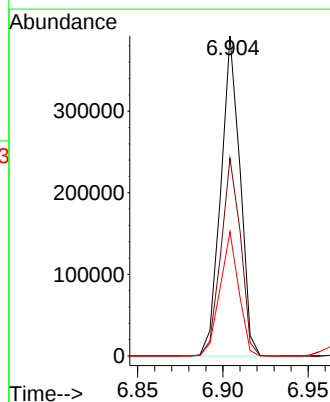
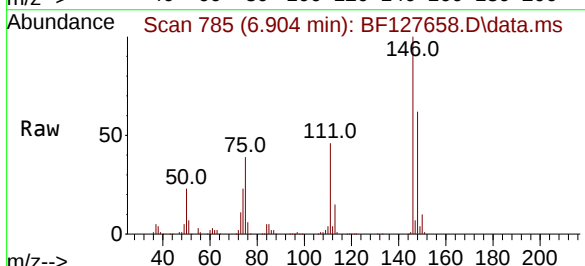
Tgt Ion:146 Resp: 307126

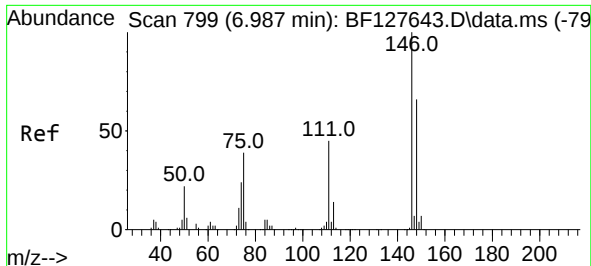
Ion Ratio Lower Upper

146 100

148 61.8 50.6 76.0

75 38.9 32.4 48.6





#13

1,4-Dichlorobenzene

Concen: 47.981 ng

RT: 6.981 min Scan# 799

Delta R.T. -0.006 min

Lab File: BF127658.D

Acq: 06 Apr 2022 20:08

Instrument :

BNA\_F

ClientSampleId :

PF-1MSD

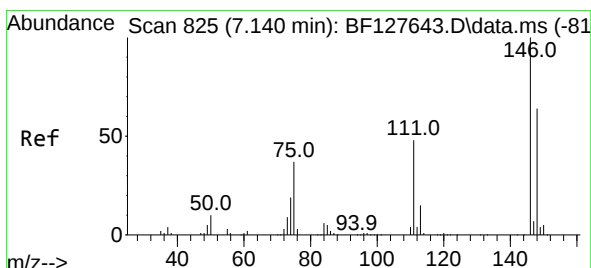
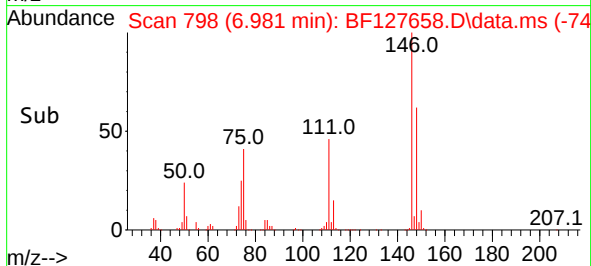
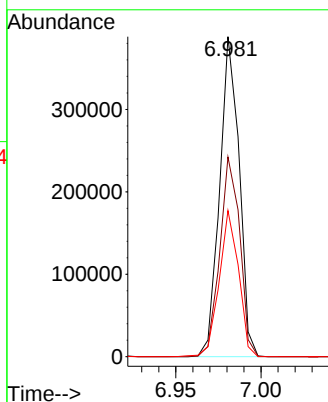
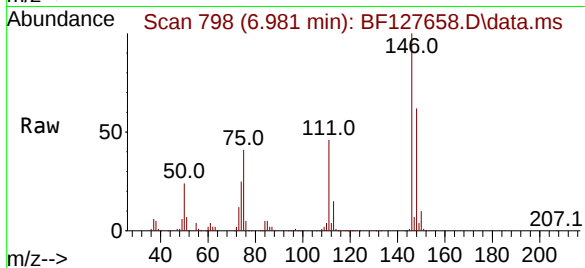
Tgt Ion:146 Resp: 308757

Ion Ratio Lower Upper

146 100

148 62.4 51.3 76.9

111 45.6 34.2 51.4



#14

1,2-Dichlorobenzene

Concen: 48.261 ng

RT: 7.134 min Scan# 824

Delta R.T. -0.006 min

Lab File: BF127658.D

Acq: 06 Apr 2022 20:08

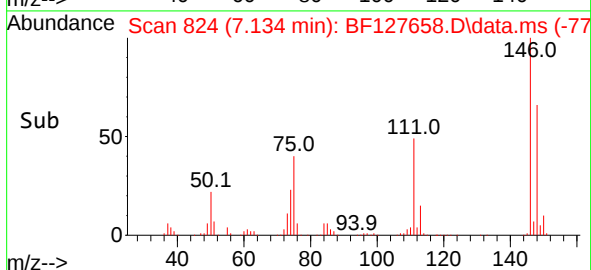
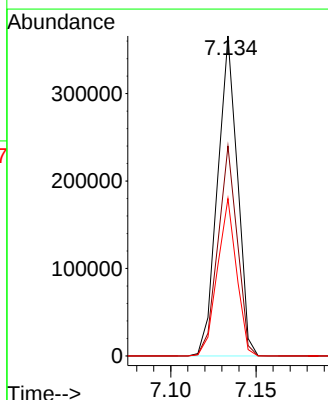
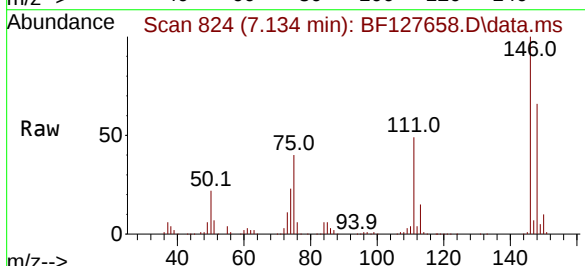
Tgt Ion:146 Resp: 296849

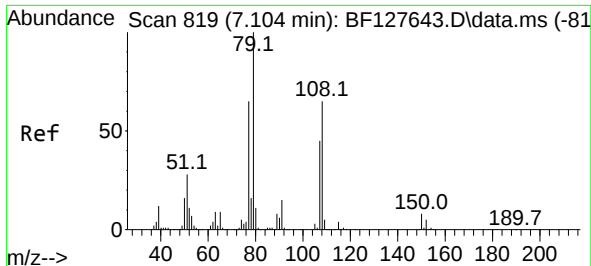
Ion Ratio Lower Upper

146 100

148 65.6 51.4 77.2

111 49.2 36.4 54.6

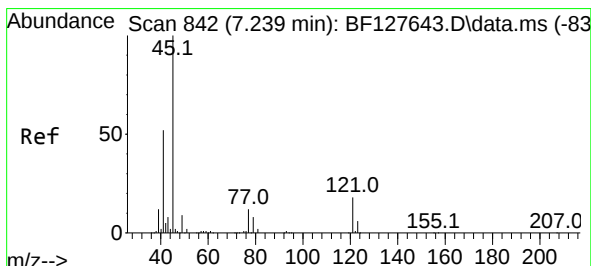
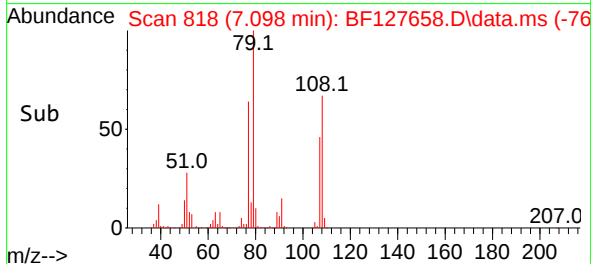
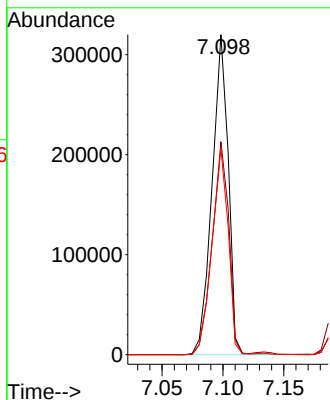
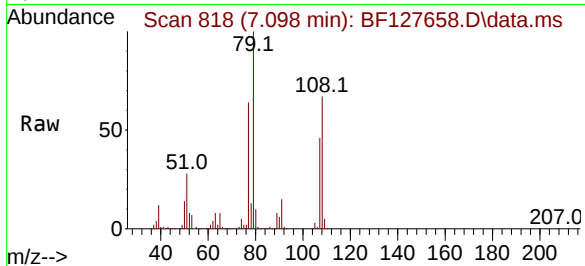




#15  
Benzyl Alcohol  
Concen: 47.009 ng  
RT: 7.098 min Scan# 819  
Delta R.T. -0.006 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

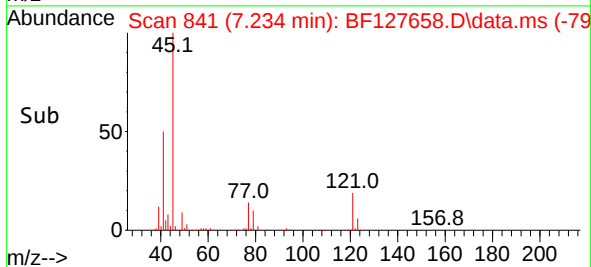
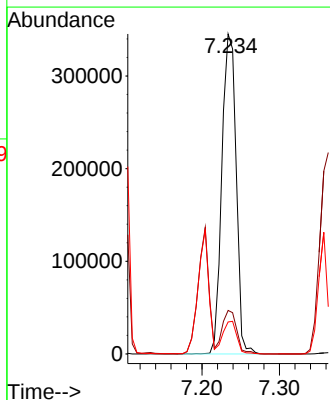
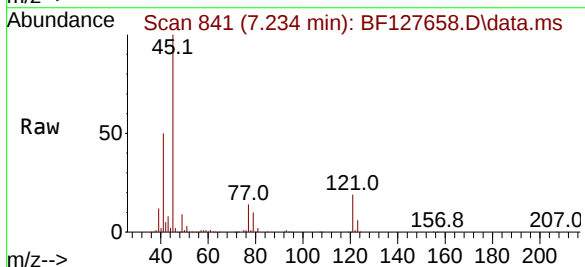
Instrument :  
BNA\_F  
ClientSampleId :  
PF-1MSD

Tgt Ion: 79 Resp: 295272  
Ion Ratio Lower Upper  
79 100  
108 66.6 52.2 78.2  
77 64.4 48.3 72.5



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 47.103 ng  
RT: 7.234 min Scan# 841  
Delta R.T. -0.006 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

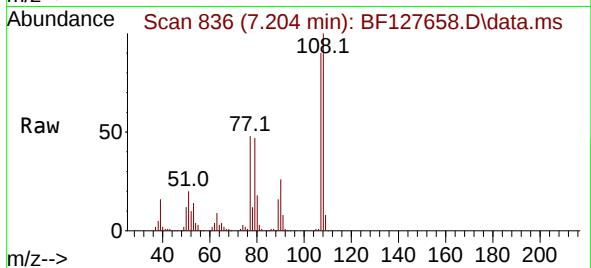
Tgt Ion: 45 Resp: 441123  
Ion Ratio Lower Upper  
45 100  
77 13.6 0.0 32.9  
79 10.0 0.0 29.9



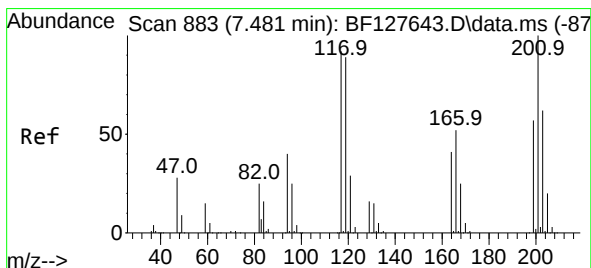
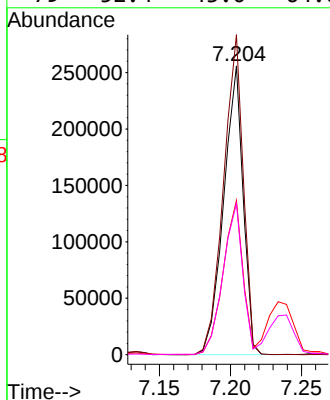
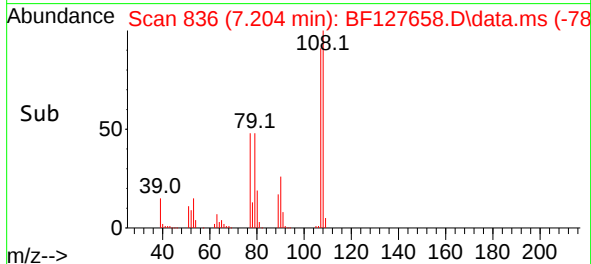


#17  
2-Methylphenol  
Concen: 50.277 ng  
RT: 7.204 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

Instrument :  
BNA\_F  
ClientSampleId :  
PF-1MSD

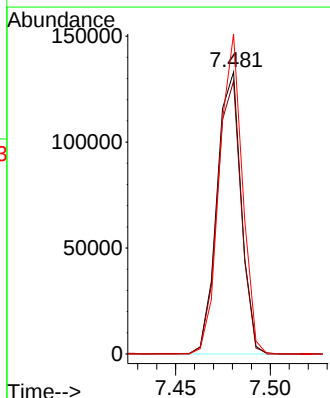
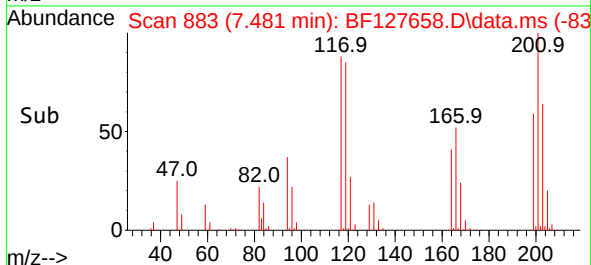
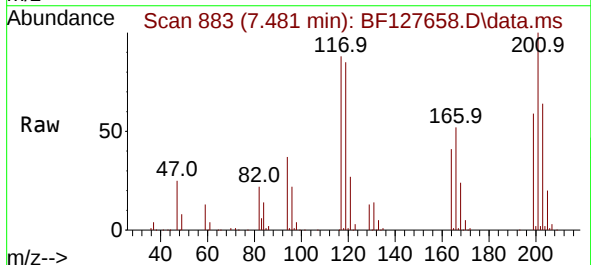


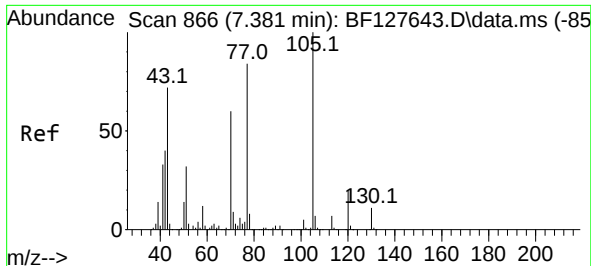
Tgt Ion:107 Resp: 243648  
Ion Ratio Lower Upper  
107 100  
108 110.8 90.7 136.1  
77 53.4 42.9 64.3  
79 52.4 43.0 64.6



#18  
Hexachloroethane  
Concen: 48.152 ng  
RT: 7.481 min Scan# 883  
Delta R.T. -0.000 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

Tgt Ion:117 Resp: 118236  
Ion Ratio Lower Upper  
117 100  
119 96.7 77.6 116.4  
201 113.5 88.2 132.2

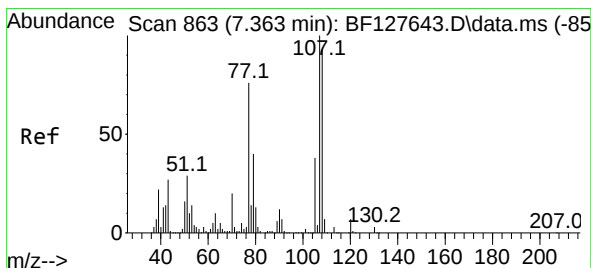
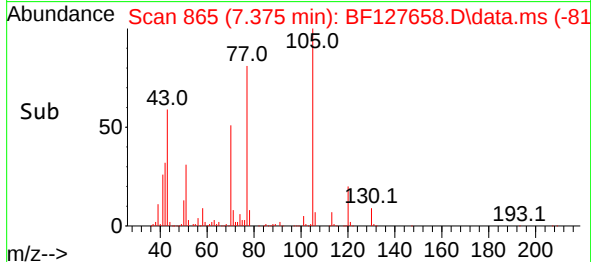
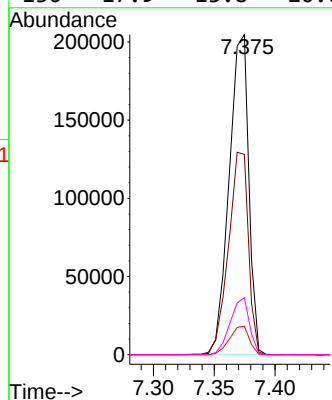
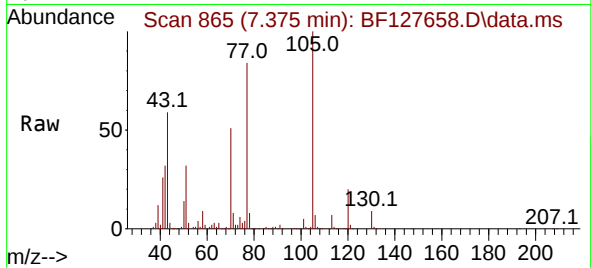




#19  
n-Nitroso-di-n-propylamine  
Concen: 49.468 ng  
RT: 7.375 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

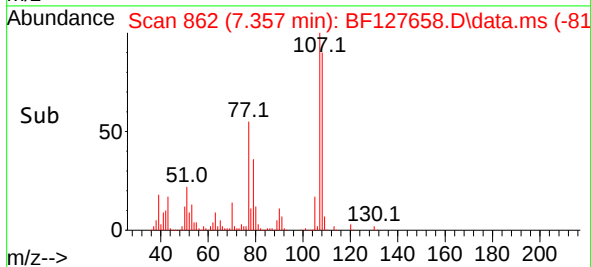
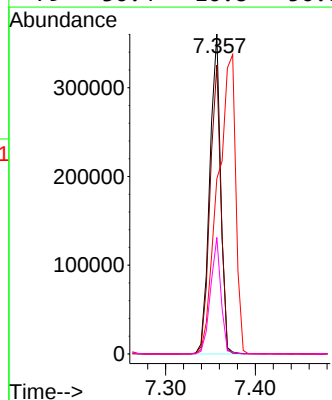
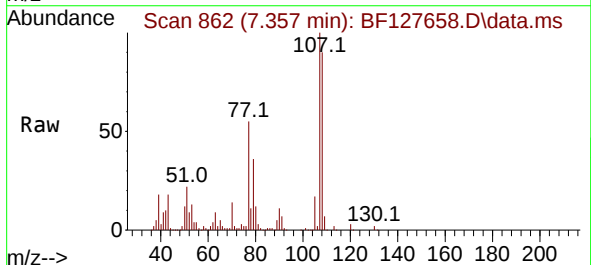
Instrument :  
BNA\_F  
ClientSampleId :  
PF-1MSD

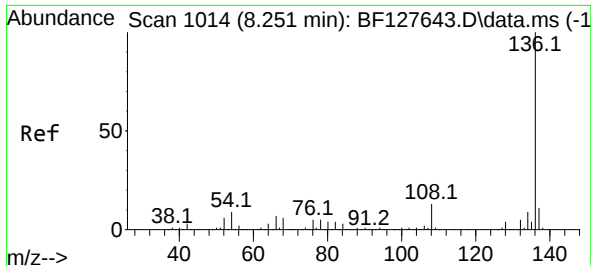
Tgt Ion: 70 Resp: 229872  
Ion Ratio Lower Upper  
70 100  
42 62.6 53.0 79.6  
101 8.9 6.8 10.2  
130 17.9 13.8 20.6



#20  
3+4-Methylphenols  
Concen: 49.492 ng  
RT: 7.357 min Scan# 862  
Delta R.T. -0.006 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

Tgt Ion:107 Resp: 305636  
Ion Ratio Lower Upper  
107 100  
108 90.3 70.7 110.7  
77 54.8 127.9 167.9#  
79 36.4 16.8 56.8

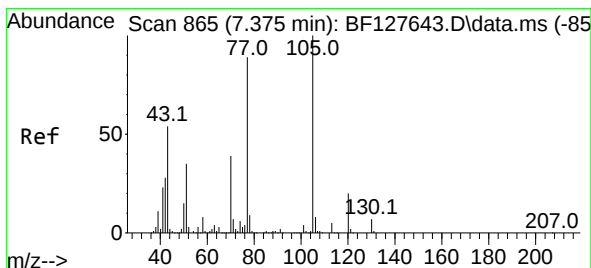
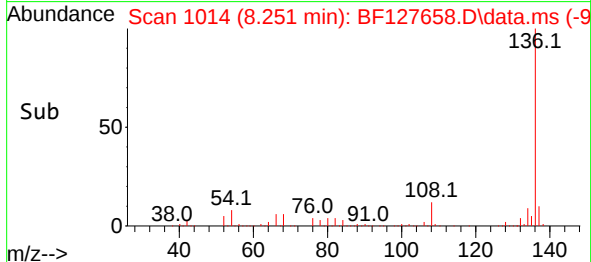
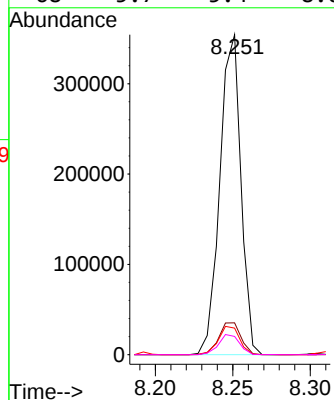
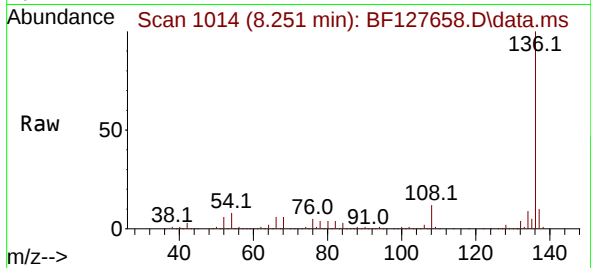




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.251 min Scan# 1014  
Delta R.T. -0.000 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

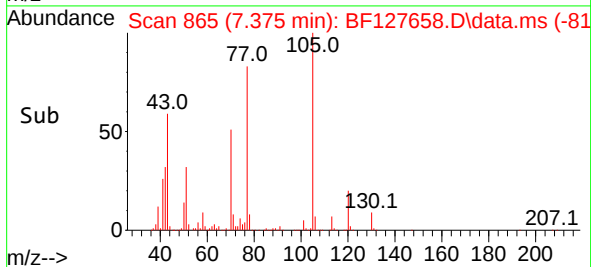
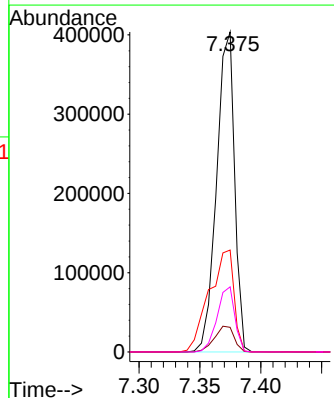
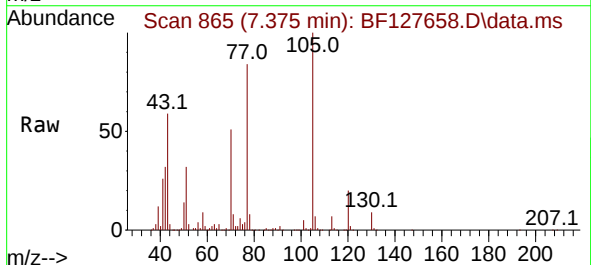
Instrument :  
BNA\_F  
ClientSampleId :  
PF-1MSD

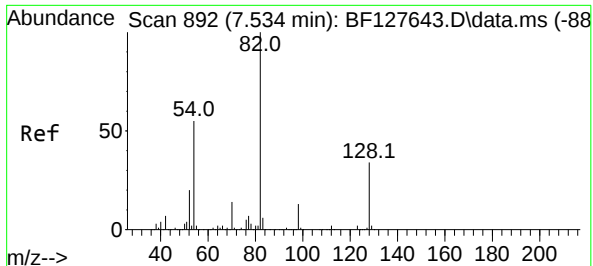
Tgt Ion:136 Resp: 334471  
Ion Ratio Lower Upper  
136 100  
137 10.0 8.6 13.0  
54 8.3 9.2 13.8#  
68 5.7 5.4 8.0



#22  
Acetophenone  
Concen: 46.149 ng  
RT: 7.375 min Scan# 865  
Delta R.T. -0.000 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

Tgt Ion:105 Resp: 414782  
Ion Ratio Lower Upper  
105 100  
71 7.7 7.3 10.9  
51 31.9 38.8 58.2#  
120 20.4 16.5 24.7

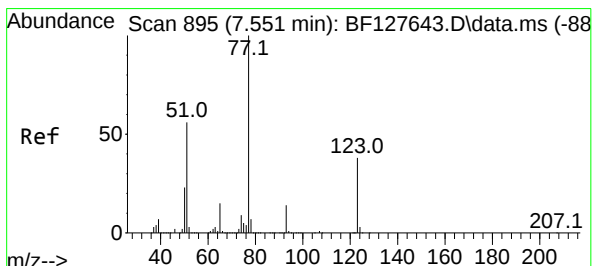
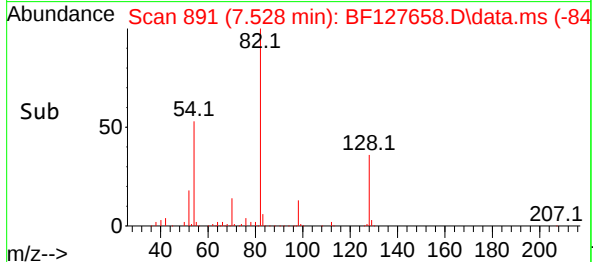
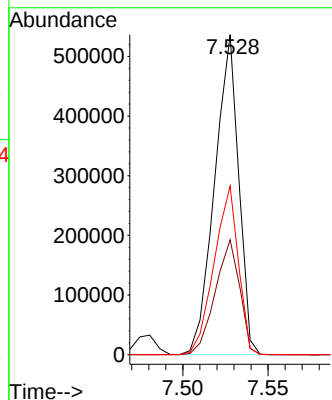
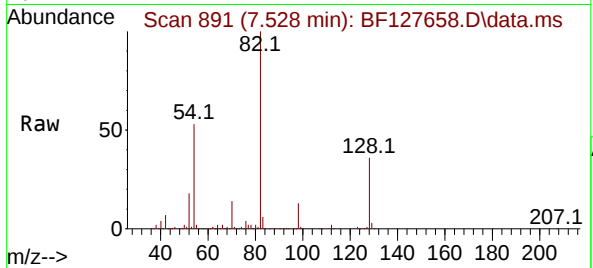




#23  
Nitrobenzene-d5  
Concen: 69.990 ng  
RT: 7.528 min Scan# 891  
Delta R.T. -0.006 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

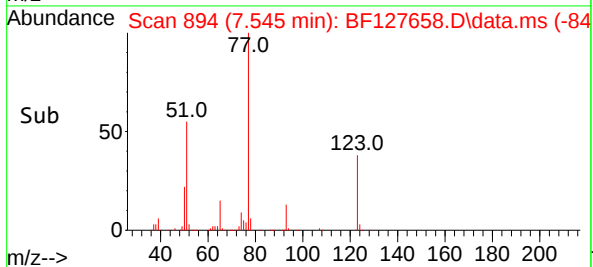
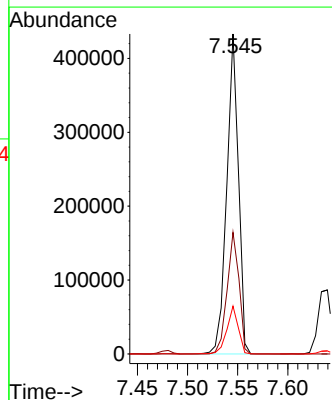
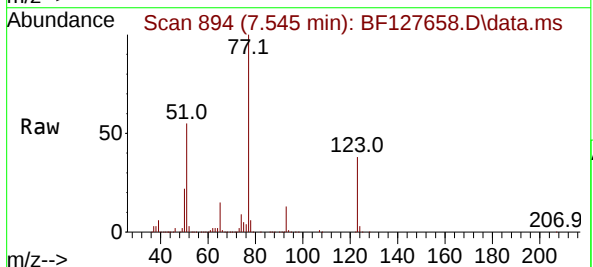
Instrument :  
BNA\_F  
ClientSampleId :  
PF-1MSD

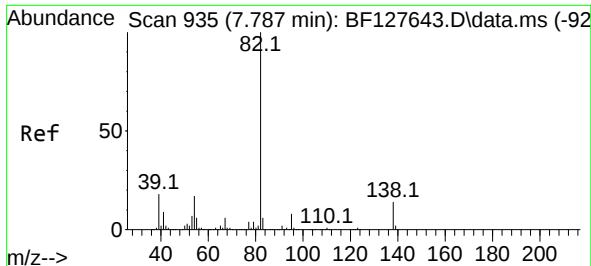
Tgt Ion: 82 Resp: 525100  
Ion Ratio Lower Upper  
82 100  
128 35.9 30.6 45.8  
54 52.7 48.2 72.2



#24  
Nitrobenzene  
Concen: 48.075 ng  
RT: 7.545 min Scan# 894  
Delta R.T. -0.006 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

Tgt Ion: 77 Resp: 349636  
Ion Ratio Lower Upper  
77 100  
123 38.0 32.0 48.0  
65 15.0 12.2 18.2

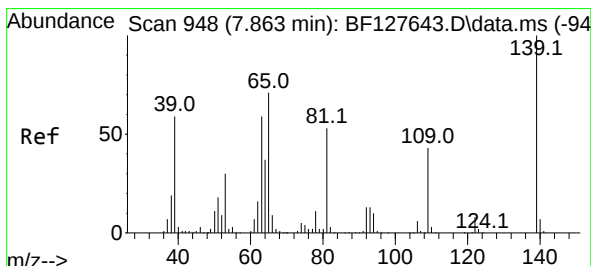
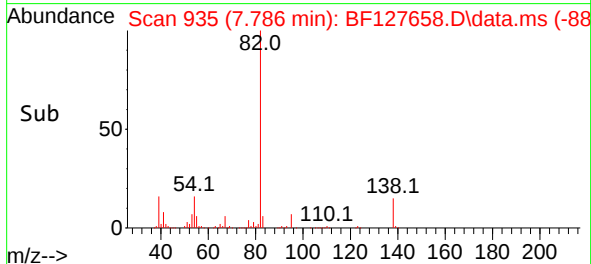
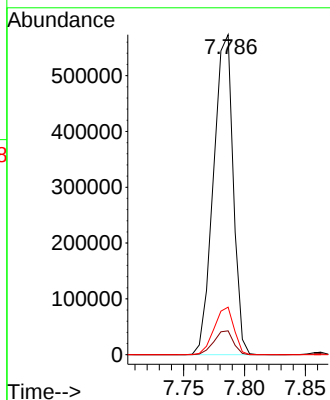
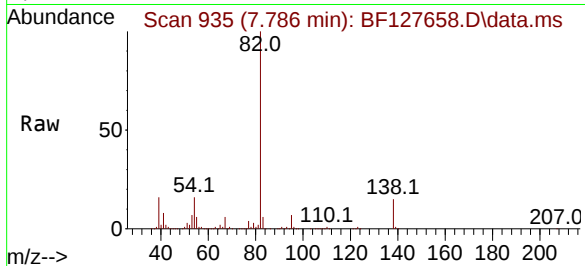




#25  
Isophorone  
Concen: 49.330 ng  
RT: 7.786 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

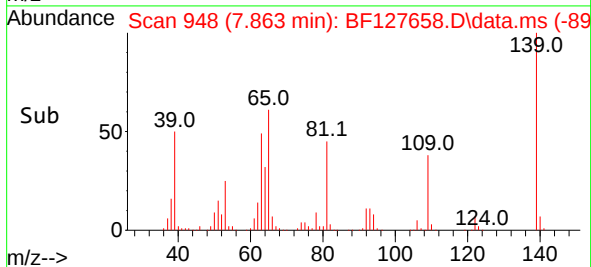
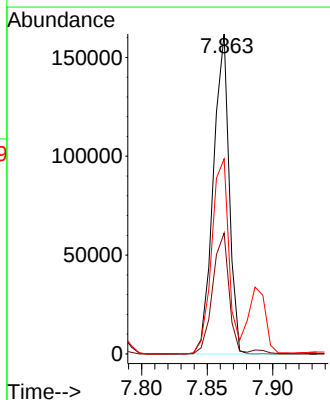
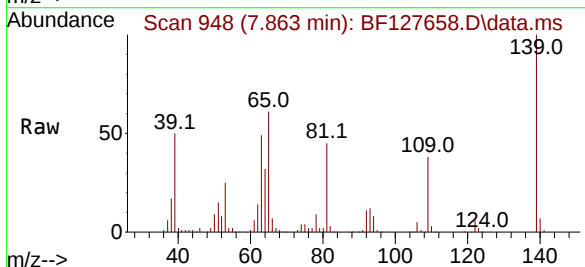
Instrument :  
BNA\_F  
ClientSampleId :  
PF-1MSD

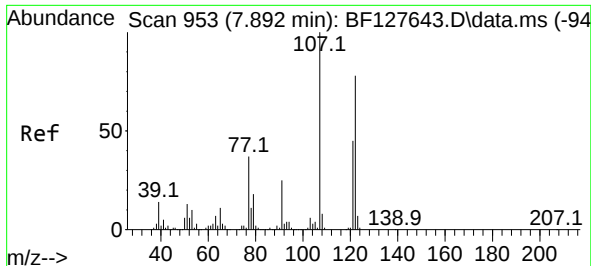
Tgt Ion: 82 Resp: 645788  
Ion Ratio Lower Upper  
82 100  
95 7.4 5.8 8.8  
138 14.9 11.6 17.4



#26  
2-Nitrophenol  
Concen: 51.897 ng  
RT: 7.863 min Scan# 948  
Delta R.T. -0.000 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

Tgt Ion:139 Resp: 135640  
Ion Ratio Lower Upper  
139 100  
109 37.8 28.2 42.2  
65 60.9 55.3 82.9





#27

2,4-Dimethylphenol

Concen: 53.272 ng

RT: 7.892 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF127658.D

Acq: 06 Apr 2022 20:08

Instrument :

BNA\_F

ClientSampleId :

PF-1MSD

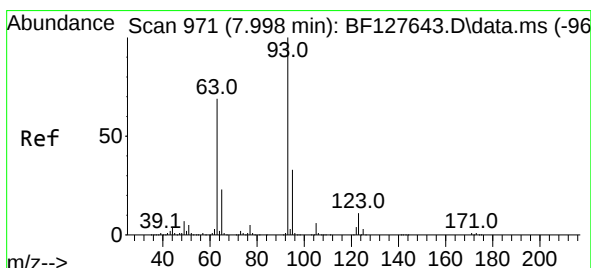
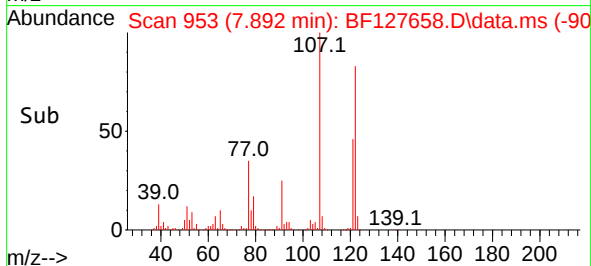
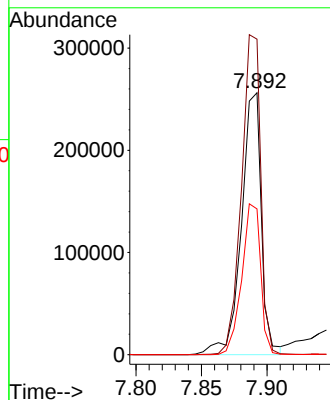
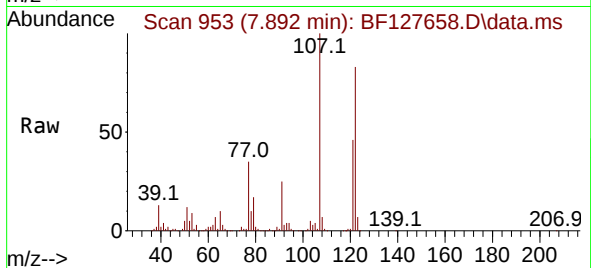
Tgt Ion:122 Resp: 272601

Ion Ratio Lower Upper

122 100

107 120.4 93.0 139.4

121 55.6 44.9 67.3



#28

bis(2-Chloroethoxy)methane

Concen: 44.703 ng

RT: 7.992 min Scan# 970

Delta R.T. -0.006 min

Lab File: BF127658.D

Acq: 06 Apr 2022 20:08

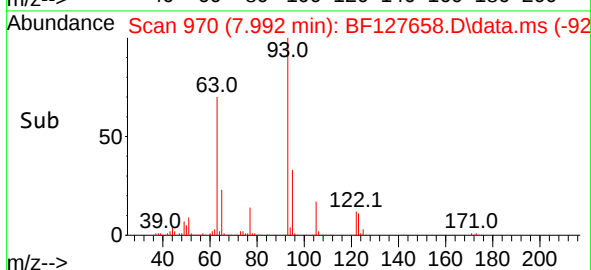
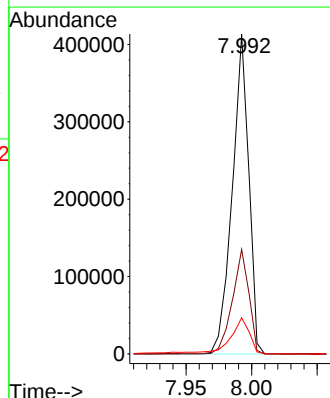
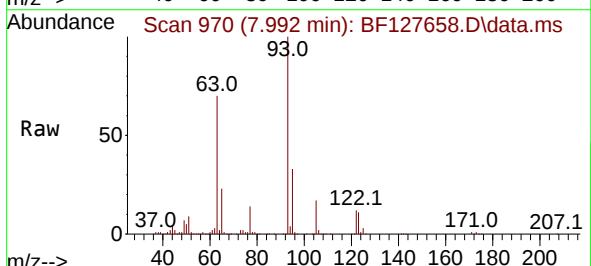
Tgt Ion: 93 Resp: 360849

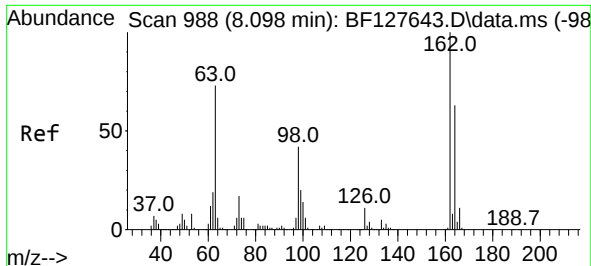
Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

123 11.3 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 46.067 ng

RT: 8.098 min Scan# 988

Delta R.T. -0.000 min

Lab File: BF127658.D

Acq: 06 Apr 2022 20:08

Instrument :

BNA\_F

ClientSampleId :

PF-1MSD

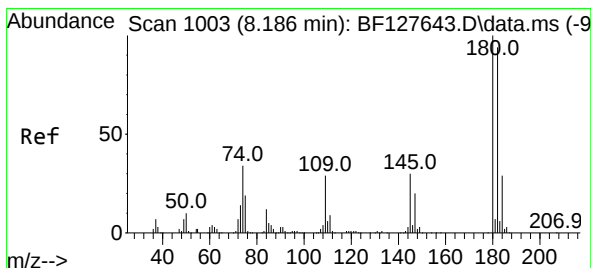
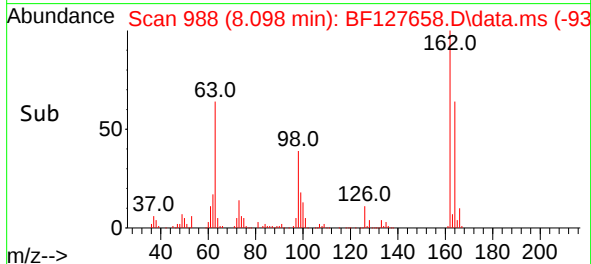
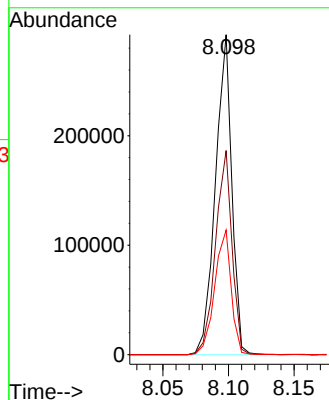
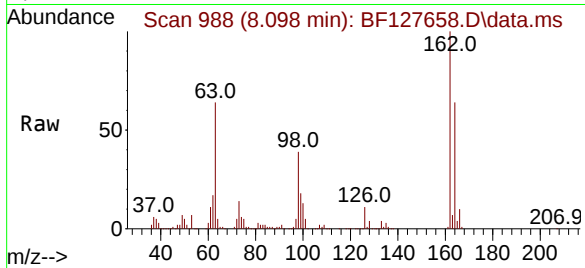
Tgt Ion:162 Resp: 253942

Ion Ratio Lower Upper

162 100

164 63.8 43.7 83.7

98 39.0 23.5 63.5



#30

1,2,4-Trichlorobenzene

Concen: 43.836 ng

RT: 8.186 min Scan# 1003

Delta R.T. -0.000 min

Lab File: BF127658.D

Acq: 06 Apr 2022 20:08

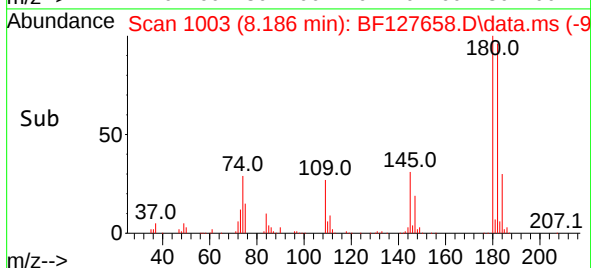
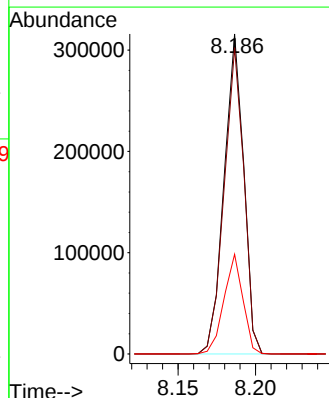
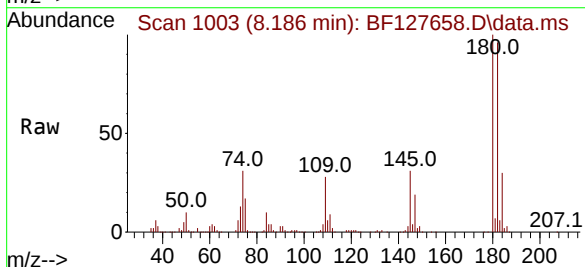
Tgt Ion:180 Resp: 278104

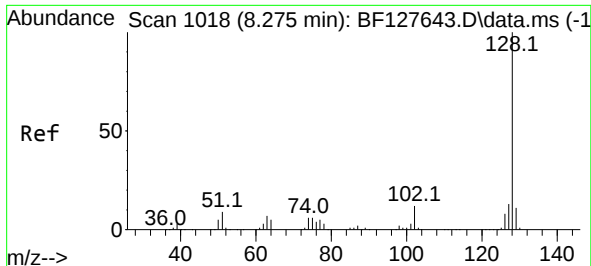
Ion Ratio Lower Upper

180 100

182 95.7 73.8 110.6

145 31.1 23.3 34.9

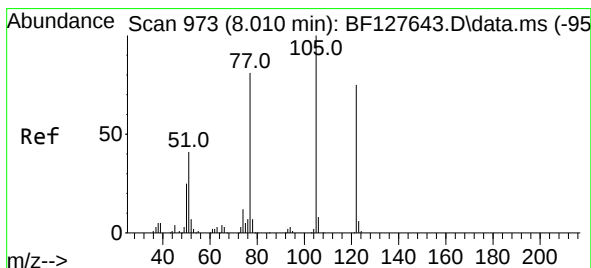
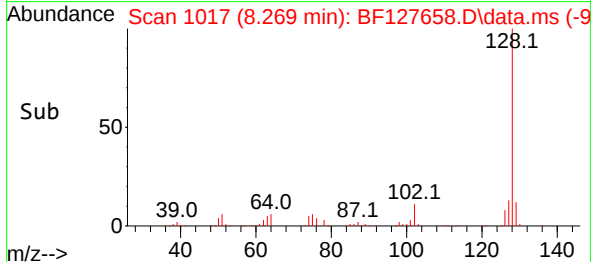
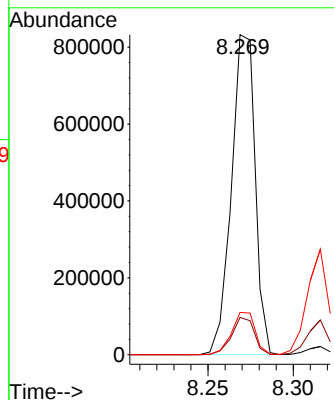
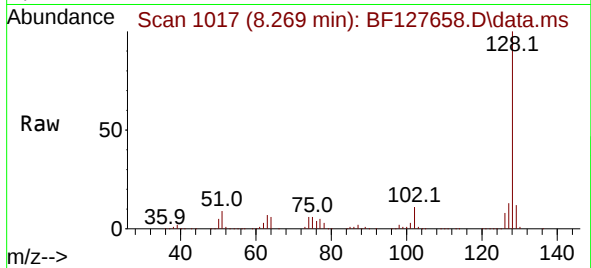




#31  
Naphthalene  
Concen: 46.024 ng  
RT: 8.269 min Scan# 1017  
Delta R.T. -0.006 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

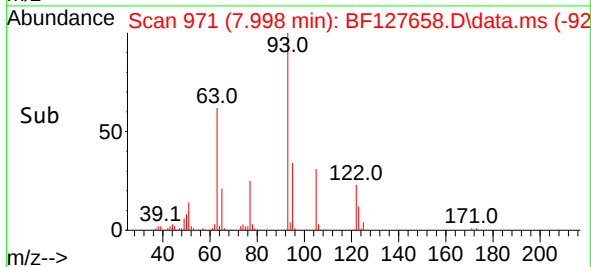
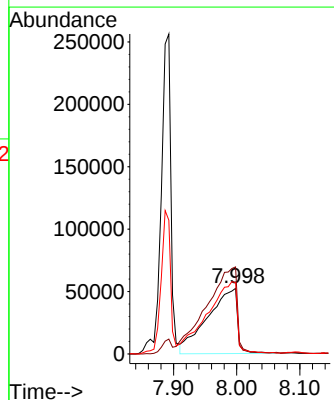
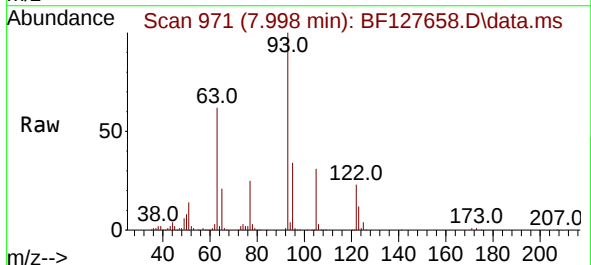
Instrument :  
BNA\_F  
ClientSampleId :  
PF-1MSD

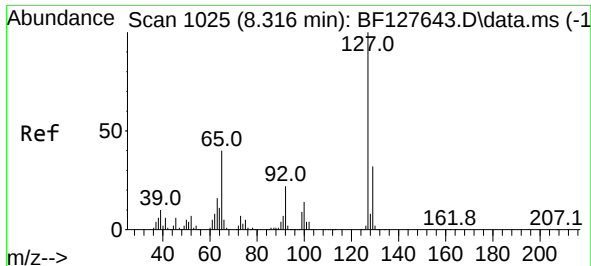
Tgt Ion:128 Resp: 806635  
Ion Ratio Lower Upper  
128 100  
129 11.6 8.4 12.6  
127 13.2 10.2 15.2



#32  
Benzoic acid  
Concen: 46.113 ng  
RT: 7.998 min Scan# 971  
Delta R.T. -0.012 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

Tgt Ion:122 Resp: 171197  
Ion Ratio Lower Upper  
122 100  
105 132.7 117.1 157.1  
77 108.8 93.0 133.0

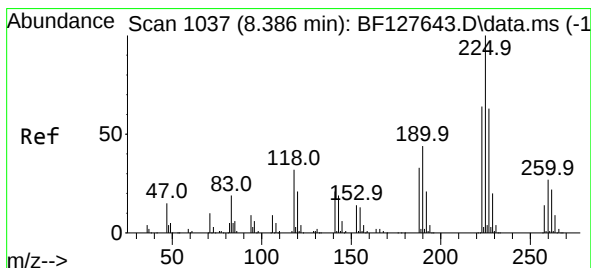
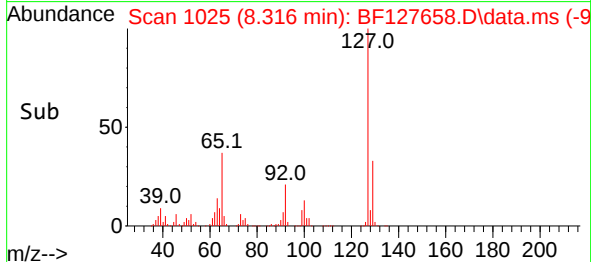
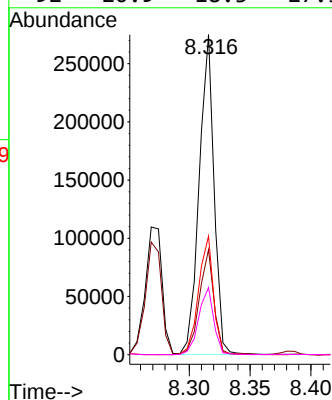
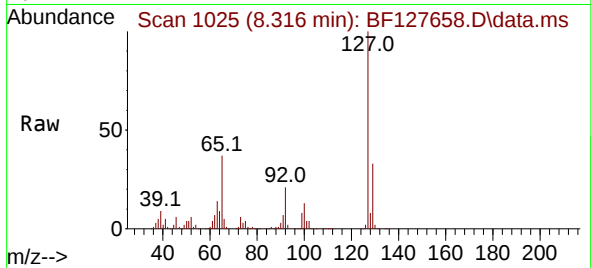




#33  
4-Chloroaniline  
Concen: 33.853 ng  
RT: 8.316 min Scan# 1025  
Delta R.T. -0.000 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

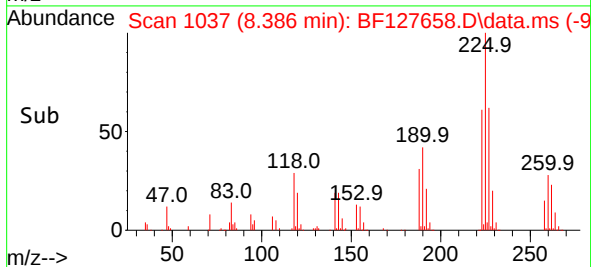
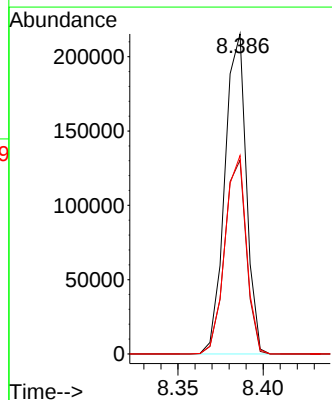
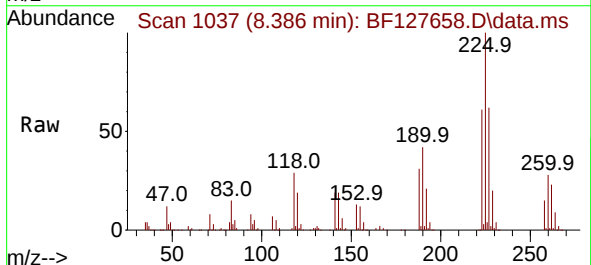
Instrument :  
BNA\_F  
ClientSampleId :  
PF-1MSD

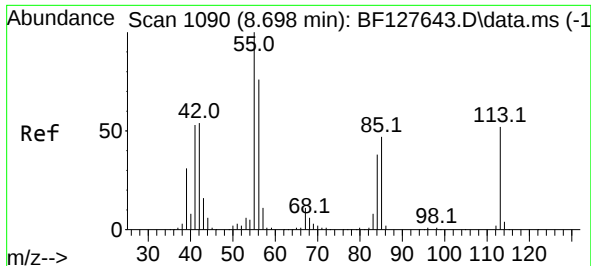
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 233671 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.8  | 25.9  | 38.9   |
| 65       | 37.0  | 31.4  | 47.0   |
| 92       | 20.9  | 18.3  | 27.5   |



#34  
Hexachlorobutadiene  
Concen: 43.304 ng  
RT: 8.386 min Scan# 1037  
Delta R.T. -0.000 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 188984 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 60.6  | 50.6  | 76.0   |
| 227      | 62.0  | 49.6  | 74.4   |





#35

Caprolactam

Concen: 27.620 ng

RT: 8.681 min Scan# 1090

Delta R.T. -0.018 min

Lab File: BF127658.D

Acq: 06 Apr 2022 20:08

Instrument :

BNA\_F

ClientSampleId :

PF-1MSD

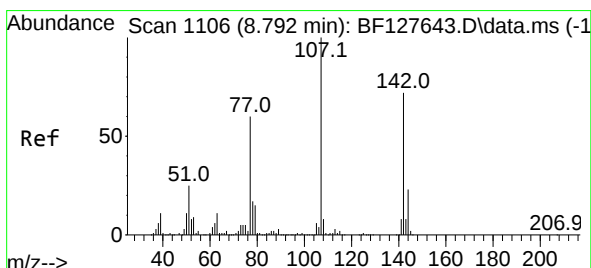
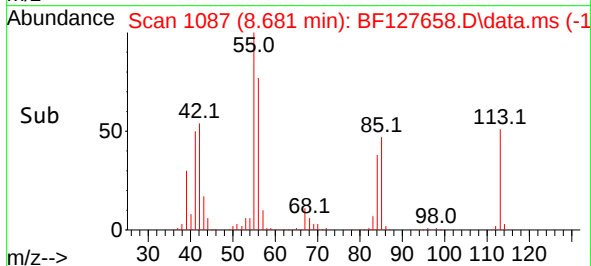
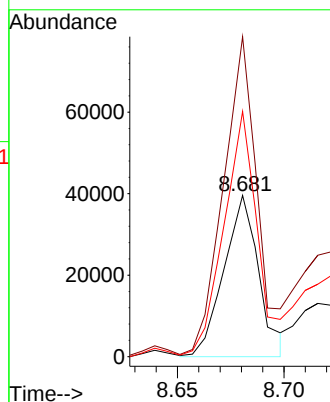
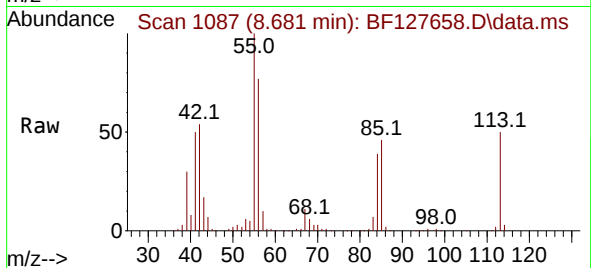
Tgt Ion:113 Resp: 44999

Ion Ratio Lower Upper

113 100

55 198.5 218.7 258.7#

56 152.1 156.2 196.2#



#36

4-Chloro-3-methylphenol

Concen: 47.507 ng

RT: 8.792 min Scan# 1106

Delta R.T. -0.000 min

Lab File: BF127658.D

Acq: 06 Apr 2022 20:08

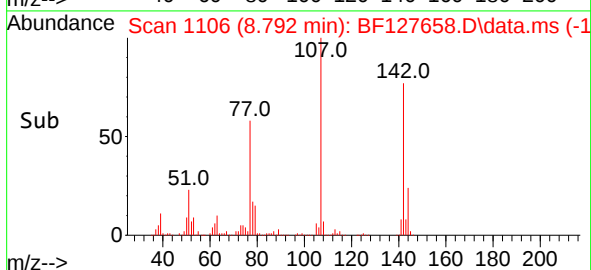
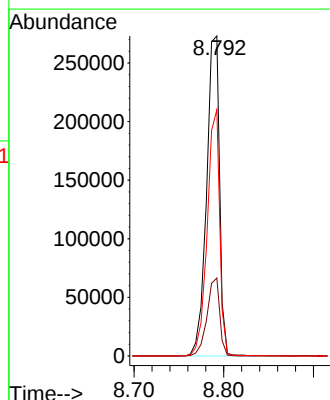
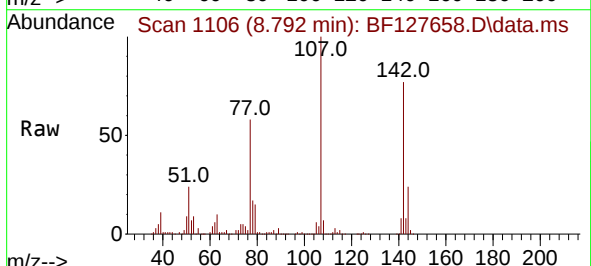
Tgt Ion:107 Resp: 274555

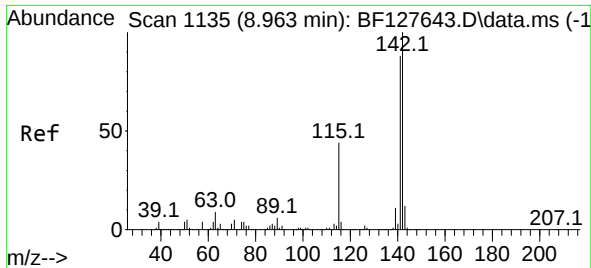
Ion Ratio Lower Upper

107 100

144 24.4 19.3 28.9

142 77.0 59.8 89.8

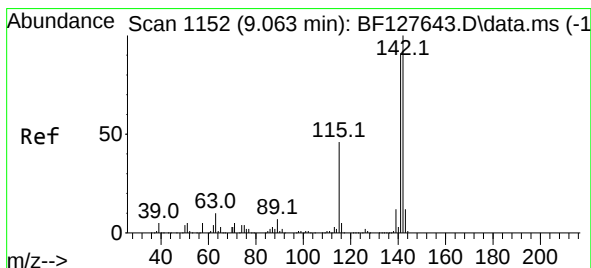
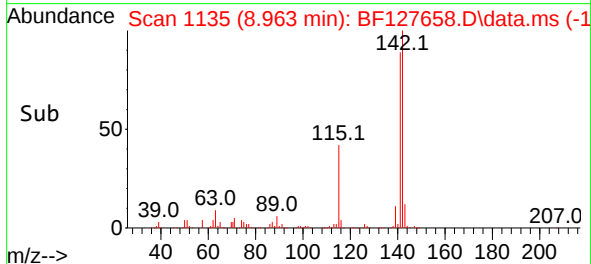
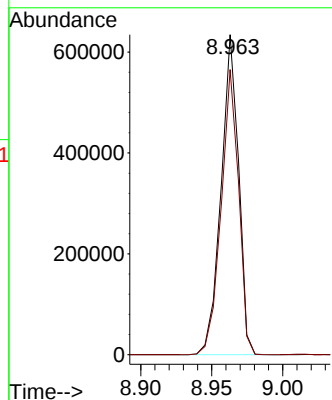
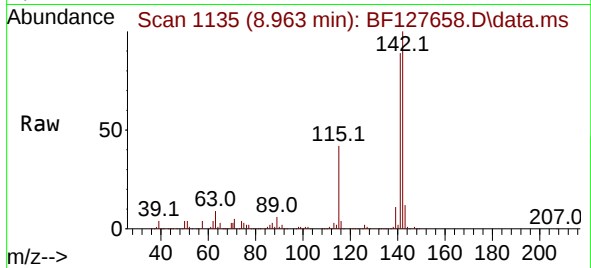




#37  
2-Methylnaphthalene  
Concen: 46.202 ng  
RT: 8.963 min Scan# 1135  
Delta R.T. -0.000 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

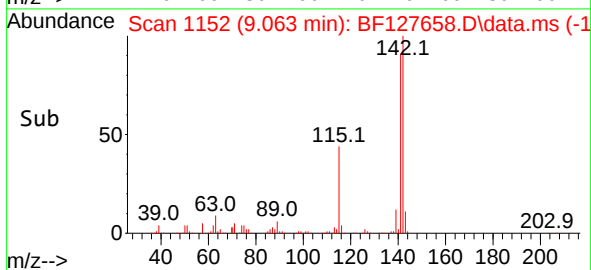
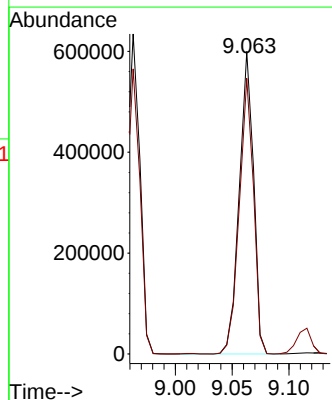
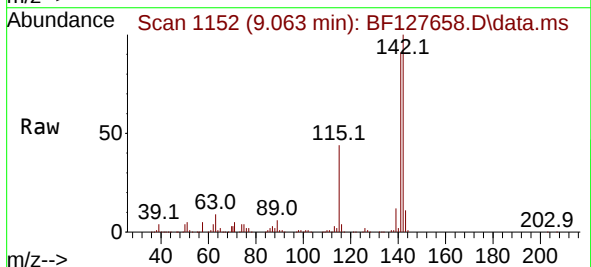
Instrument :  
BNA\_F  
ClientSampleId :  
PF-1MSD

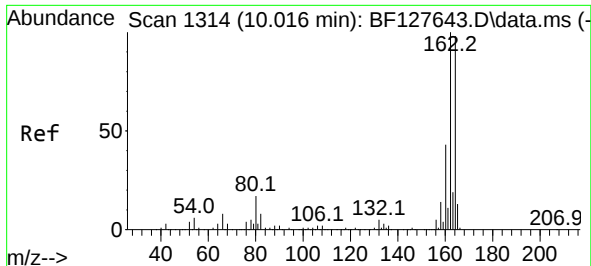
Tgt Ion:142 Resp: 541583  
Ion Ratio Lower Upper  
142 100  
141 89.1 70.6 106.0



#38  
1-Methylnaphthalene  
Concen: 46.381 ng  
RT: 9.063 min Scan# 1152  
Delta R.T. -0.000 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

Tgt Ion:142 Resp: 524771  
Ion Ratio Lower Upper  
142 100  
141 91.2 74.2 111.2

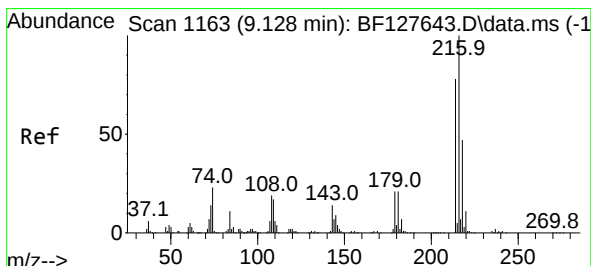
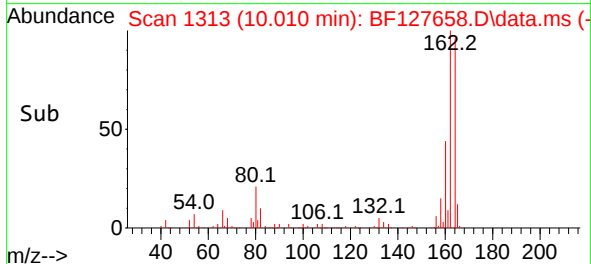
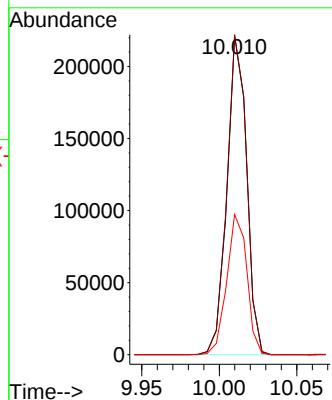
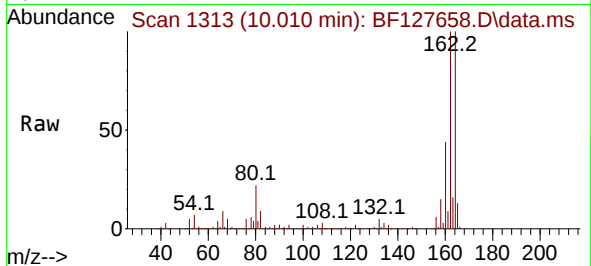




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.010 min Scan# 111  
Delta R.T. -0.006 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

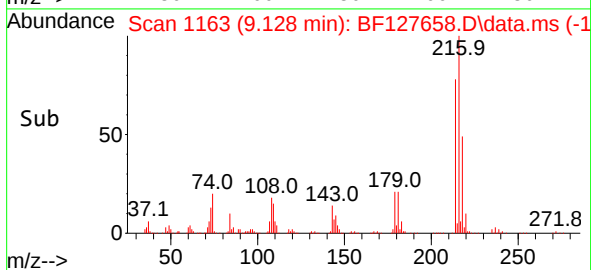
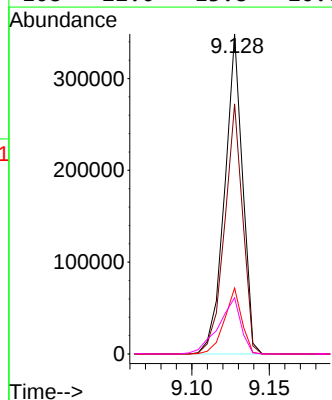
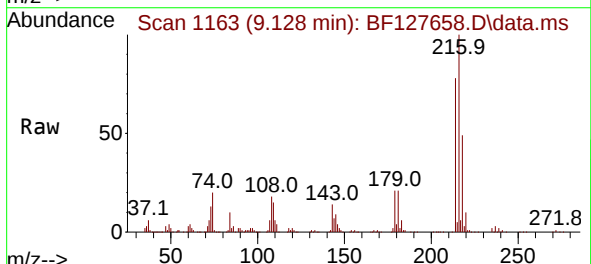
Instrument :  
BNA\_F  
ClientSampleId :  
PF-1MSD

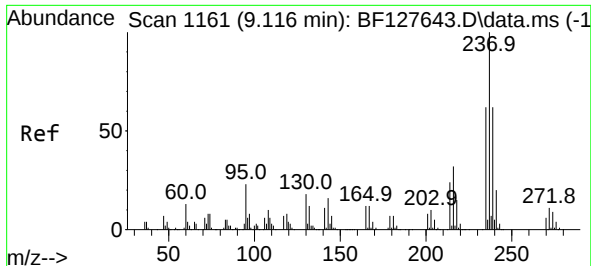
Tgt Ion:164 Resp: 194889  
Ion Ratio Lower Upper  
164 100  
162 100.4 81.2 121.8  
160 44.0 34.6 52.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 43.885 ng  
RT: 9.128 min Scan# 1163  
Delta R.T. -0.000 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

Tgt Ion:216 Resp: 280521  
Ion Ratio Lower Upper  
216 100  
214 78.6 63.0 94.4  
179 20.0 15.5 23.3  
108 22.0 13.8 20.6

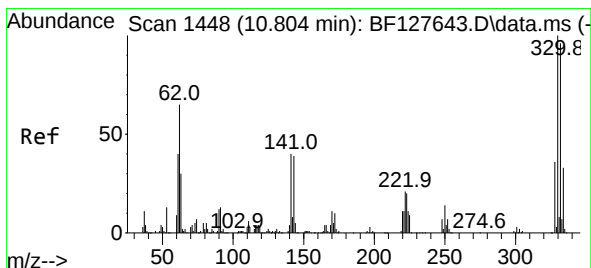
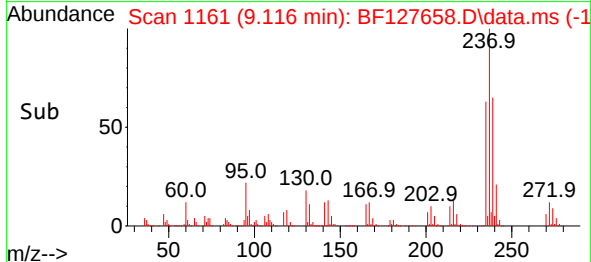
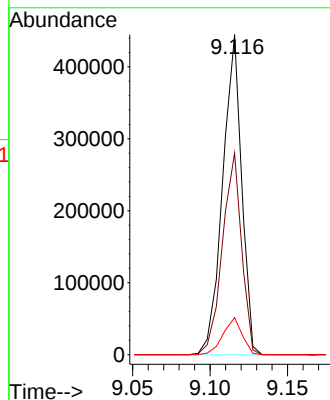
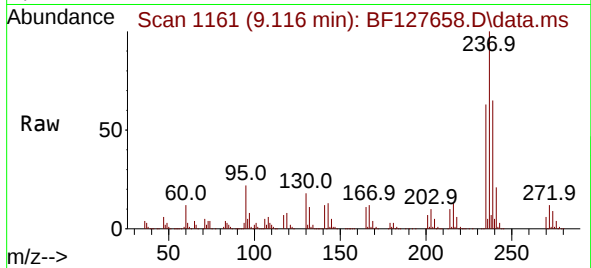




#41  
Hexachlorocyclopentadiene  
Concen: 98.390 ng  
RT: 9.116 min Scan# 1161  
Delta R.T. -0.000 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

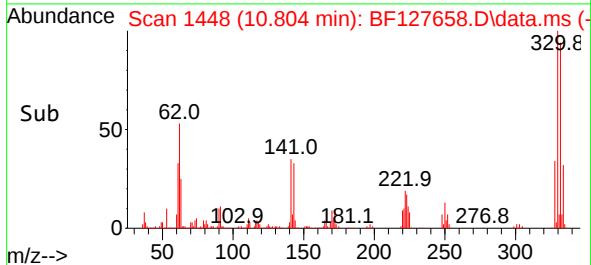
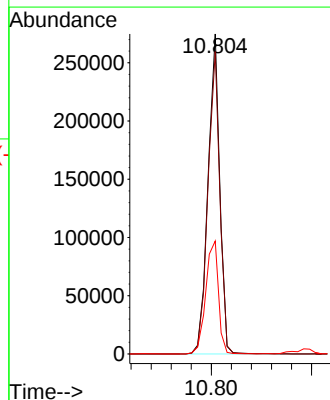
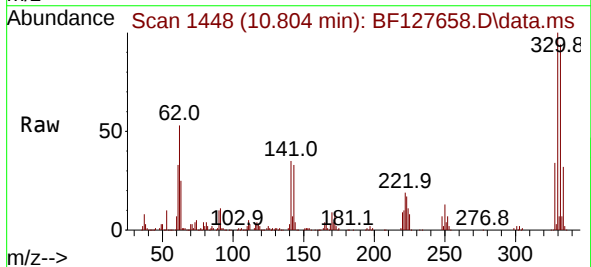
Instrument :  
BNA\_F  
ClientSampleId :  
PF-1MSD

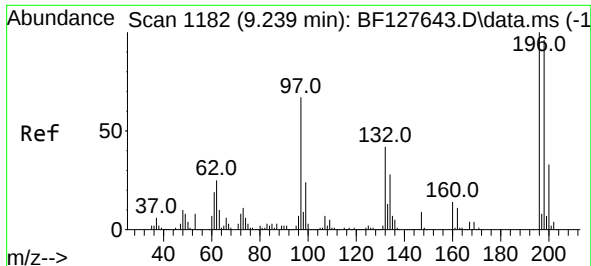
Tgt Ion:237 Resp: 378852  
Ion Ratio Lower Upper  
237 100  
235 63.0 40.4 80.4  
272 11.6 0.0 31.8



#42  
2,4,6-Tribromophenol  
Concen: 107.846 ng  
RT: 10.804 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

Tgt Ion:330 Resp: 223662  
Ion Ratio Lower Upper  
330 100  
332 95.7 79.1 118.7  
141 38.4 26.2 39.4





#43

2,4,6-Trichlorophenol

Concen: 43.798 ng

RT: 9.233 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF127658.D

Acq: 06 Apr 2022 20:08

Instrument :

BNA\_F

ClientSampleId :

PF-1MSD

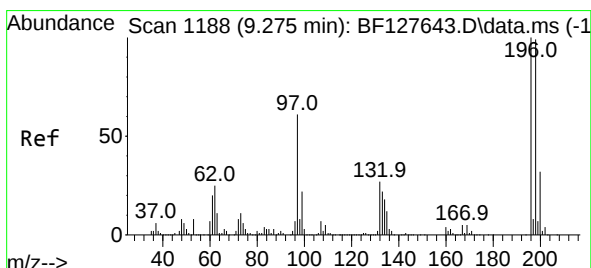
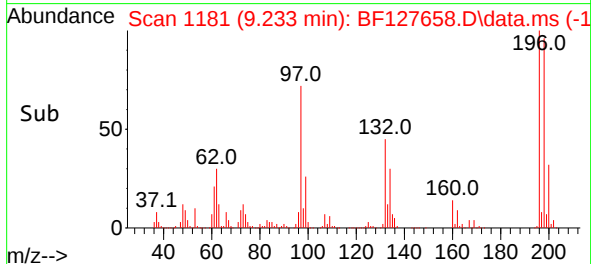
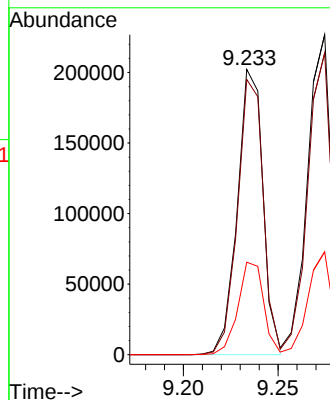
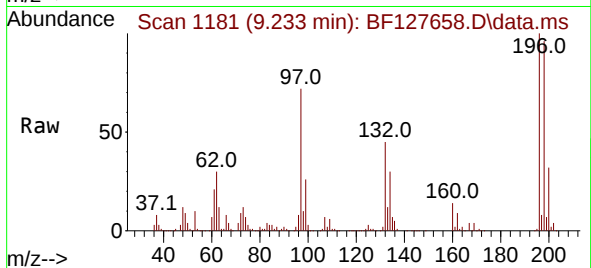
Tgt Ion:196 Resp: 190072

Ion Ratio Lower Upper

196 100

198 96.5 77.8 116.6

200 32.4 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 46.109 ng

RT: 9.275 min Scan# 1188

Delta R.T. -0.000 min

Lab File: BF127658.D

Acq: 06 Apr 2022 20:08

Tgt Ion:196 Resp: 201916

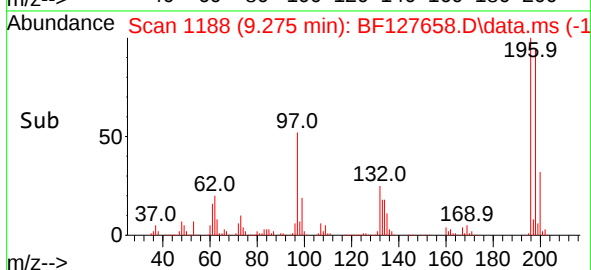
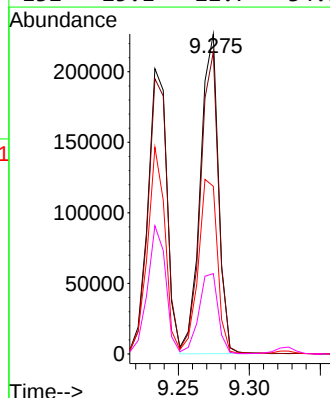
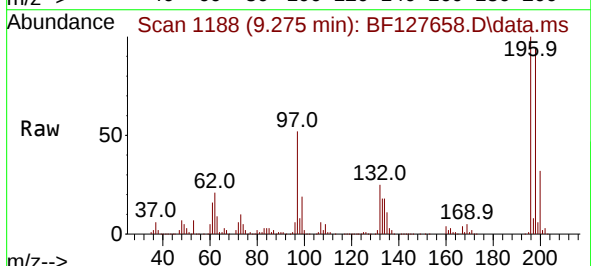
Ion Ratio Lower Upper

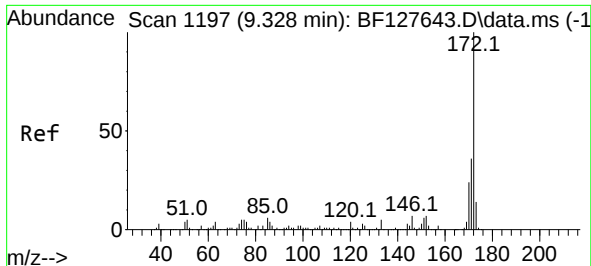
196 100

198 94.3 75.3 112.9

97 52.4 46.8 70.2

132 25.1 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 67.356 ng

RT: 9.328 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BF127658.D

Acq: 06 Apr 2022 20:08

Instrument :

BNA\_F

ClientSampleId :

PF-1MSD

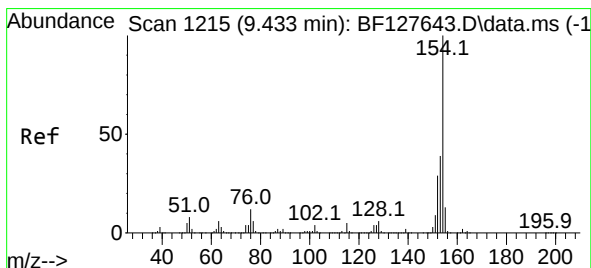
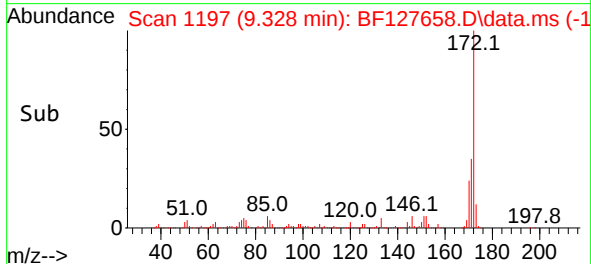
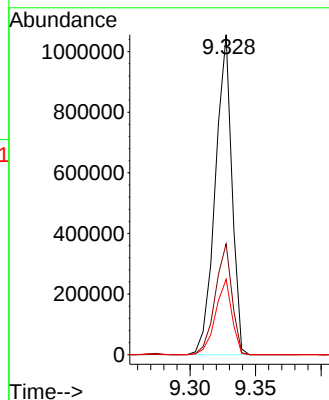
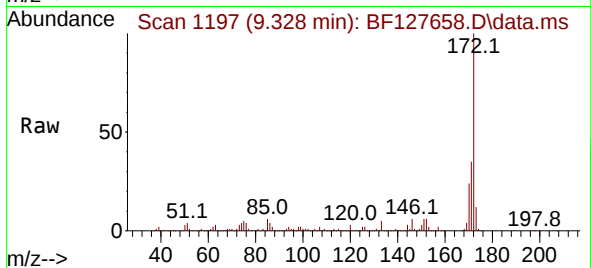
Tgt Ion:172 Resp: 927925

Ion Ratio Lower Upper

172 100

171 34.7 28.4 42.6

170 23.6 18.6 27.8



#46

1,1'-Biphenyl

Concen: 45.873 ng

RT: 9.428 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF127658.D

Acq: 06 Apr 2022 20:08

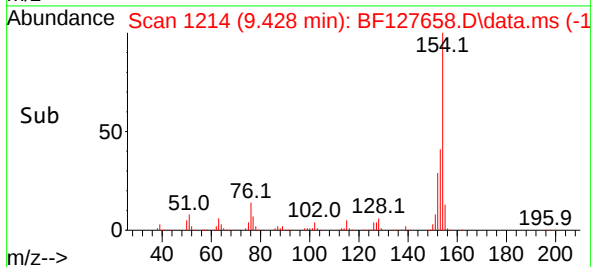
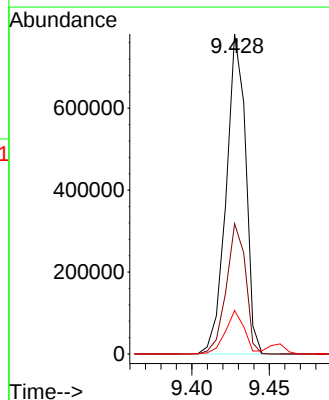
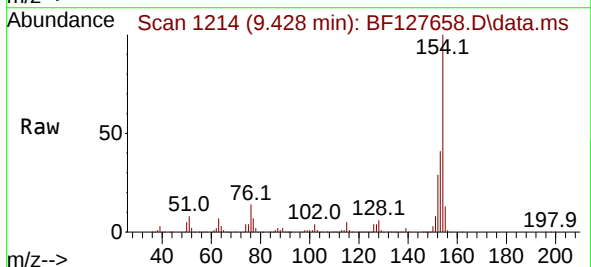
Tgt Ion:154 Resp: 683719

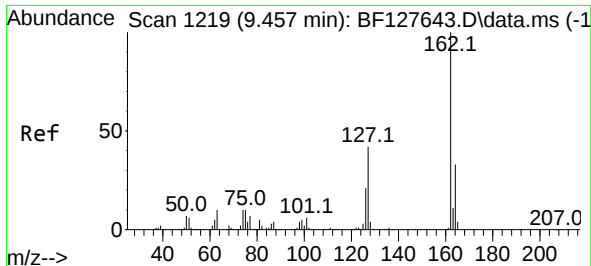
Ion Ratio Lower Upper

154 100

153 40.7 20.3 60.3

76 13.6 0.0 33.9





#47

2-Chloronaphthalene

Concen: 45.120 ng

RT: 9.457 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF127658.D

Acq: 06 Apr 2022 20:08

Instrument :

BNA\_F

ClientSampleId :

PF-1MSD

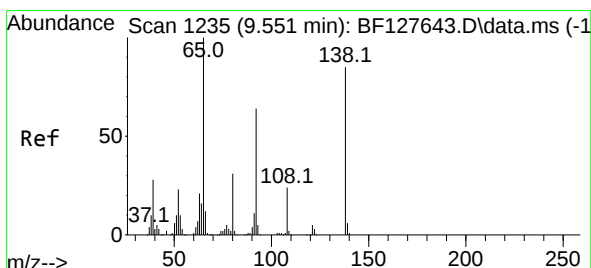
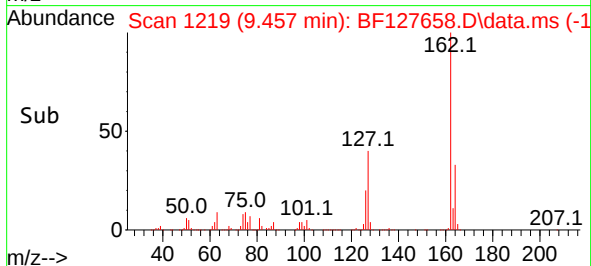
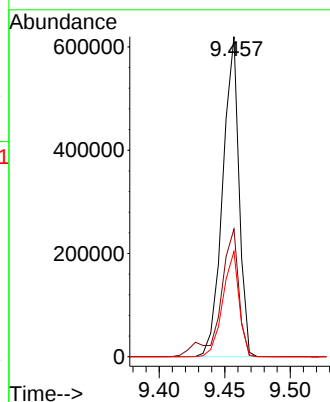
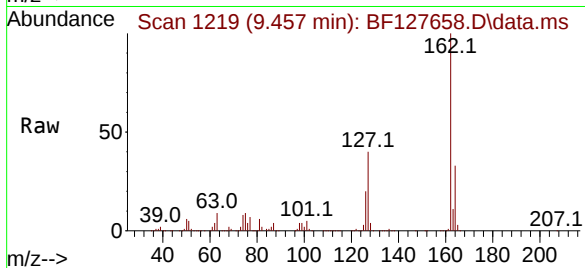
Tgt Ion:162 Resp: 534423

Ion Ratio Lower Upper

162 100

127 39.9 31.8 47.6

164 32.9 26.4 39.6



#48

2-Nitroaniline

Concen: 52.488 ng

RT: 9.551 min Scan# 1235

Delta R.T. -0.000 min

Lab File: BF127658.D

Acq: 06 Apr 2022 20:08

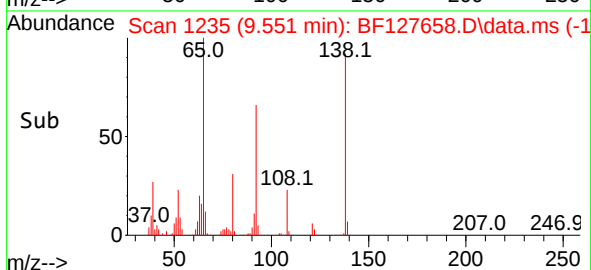
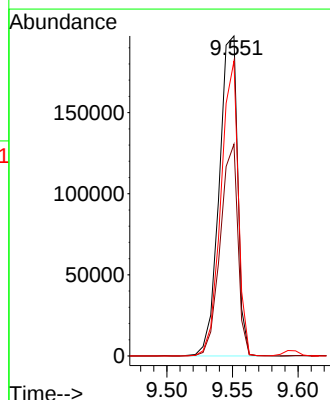
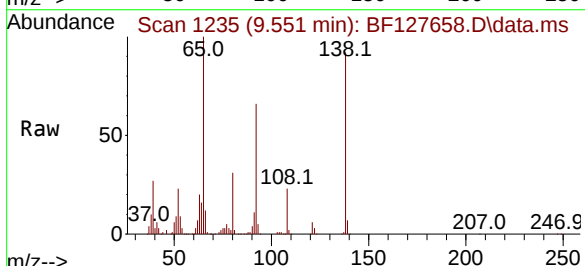
Tgt Ion: 65 Resp: 193088

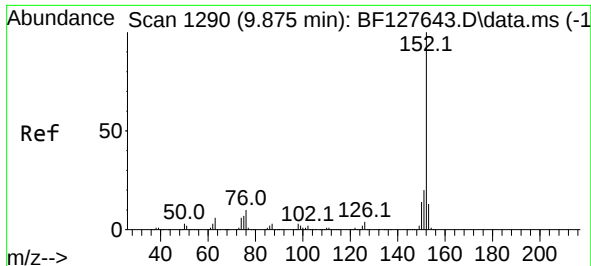
Ion Ratio Lower Upper

65 100

92 66.1 50.0 75.0

138 92.1 64.1 96.1





#49

Acenaphthylene

Concen: 49.227 ng

RT: 9.875 min Scan# 1290

Delta R.T. -0.000 min

Lab File: BF127658.D

Acq: 06 Apr 2022 20:08

Instrument :

BNA\_F

ClientSampleId :

PF-1MSD

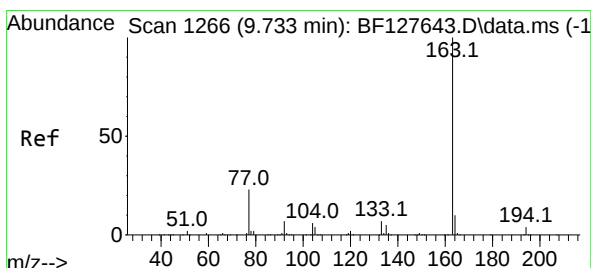
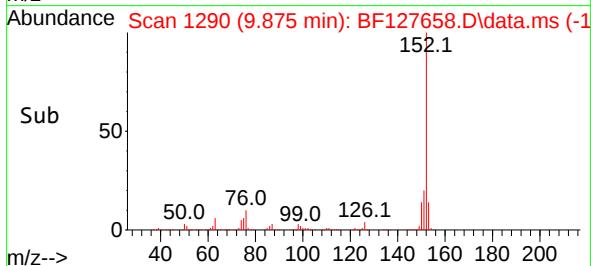
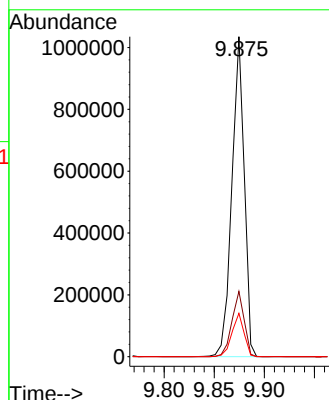
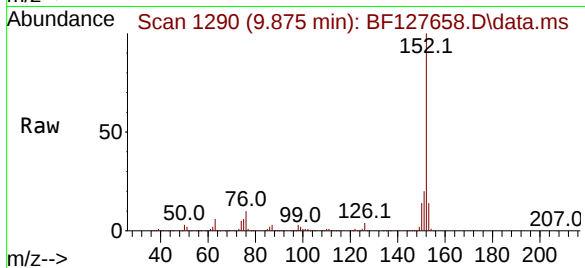
Tgt Ion:152 Resp: 886879

Ion Ratio Lower Upper

152 100

151 20.4 15.8 23.8

153 13.6 10.5 15.7



#50

Dimethylphthalate

Concen: 46.774 ng

RT: 9.728 min Scan# 1265

Delta R.T. -0.006 min

Lab File: BF127658.D

Acq: 06 Apr 2022 20:08

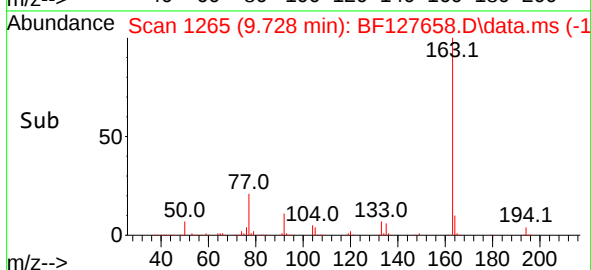
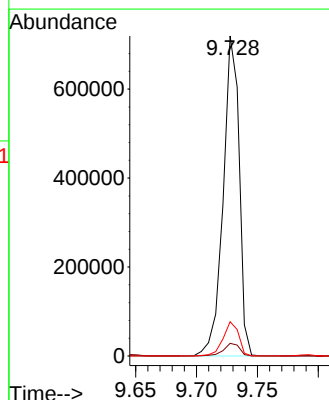
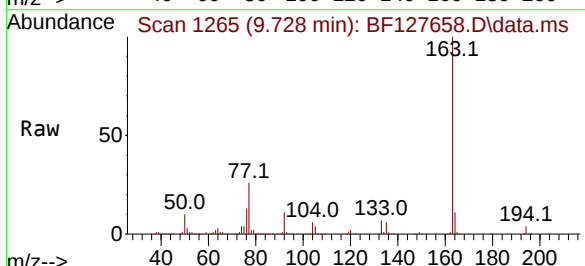
Tgt Ion:163 Resp: 660751

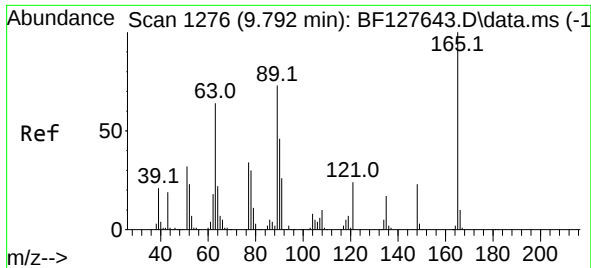
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.7 7.8 11.8

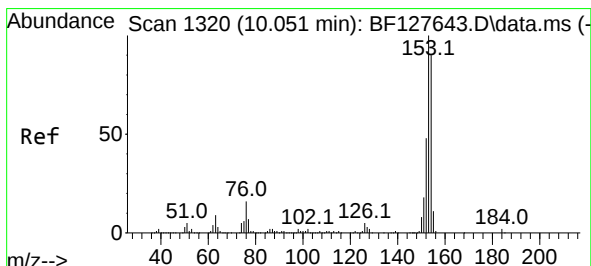
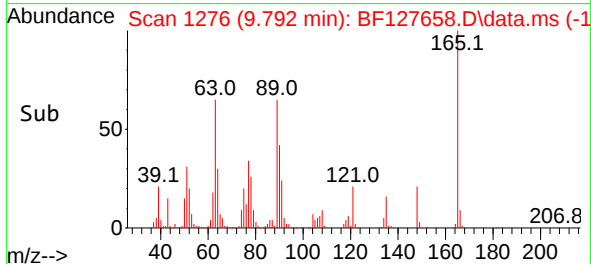
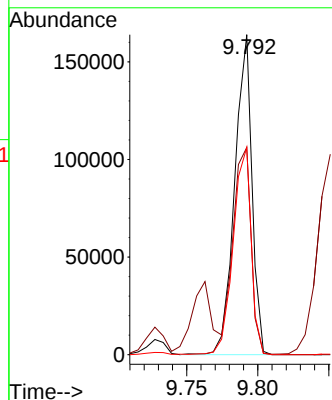
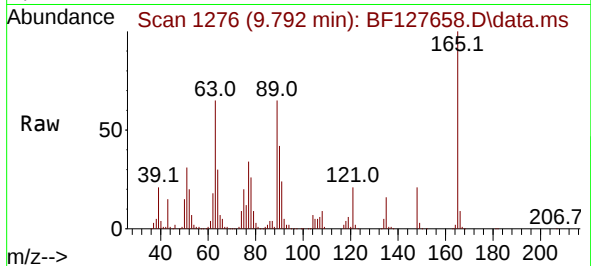




#51  
2,6-Dinitrotoluene  
Concen: 51.978 ng  
RT: 9.792 min Scan# 1319  
Delta R.T. -0.000 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

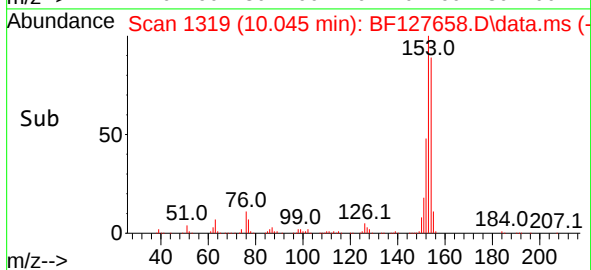
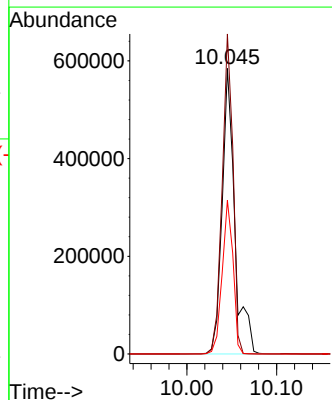
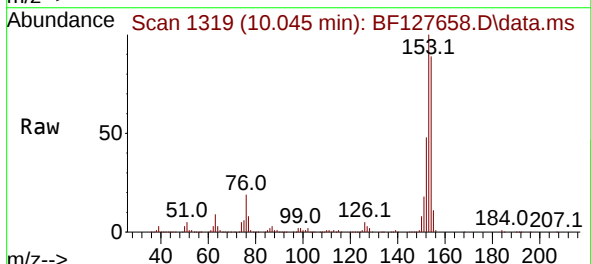
Instrument :  
BNA\_F  
ClientSampleId :  
PF-1MSD

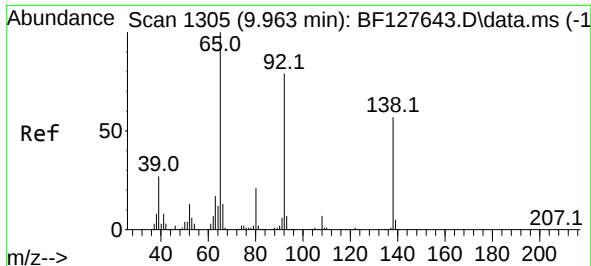
Tgt Ion:165 Resp: 138406  
Ion Ratio Lower Upper  
165 100  
63 64.7 58.3 87.5  
89 64.8 51.5 77.3



#52  
Acenaphthene  
Concen: 50.385 ng  
RT: 10.045 min Scan# 1319  
Delta R.T. -0.006 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

Tgt Ion:154 Resp: 571895  
Ion Ratio Lower Upper  
154 100  
153 112.1 87.6 131.4  
152 53.8 42.9 64.3

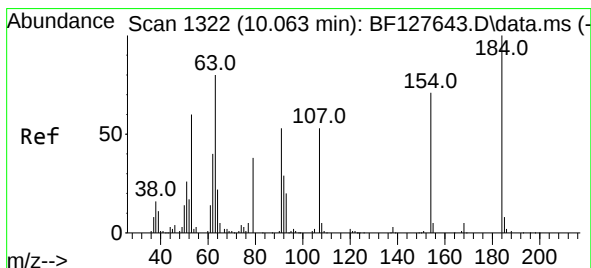
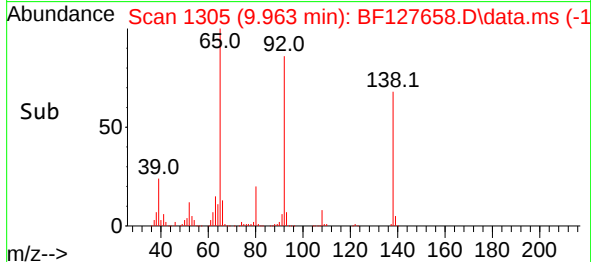
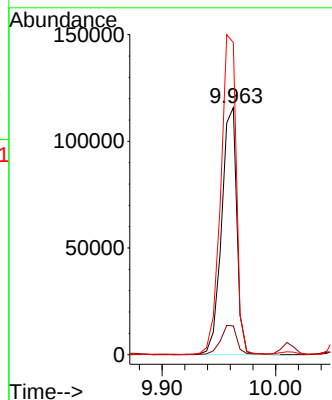
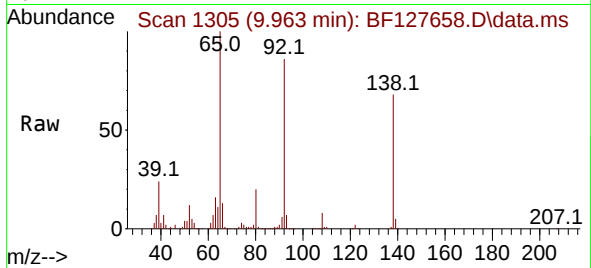




#53  
3-Nitroaniline  
Concen: 38.329 ng  
RT: 9.963 min Scan# 1305  
Delta R.T. -0.000 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

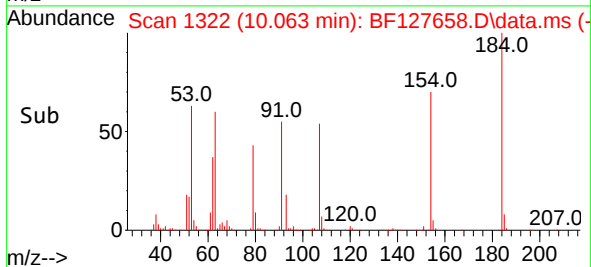
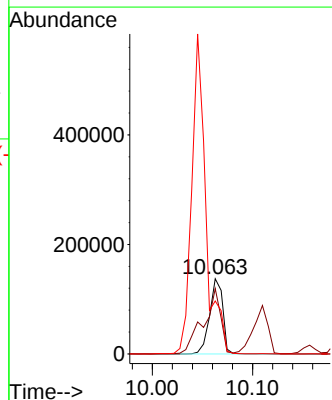
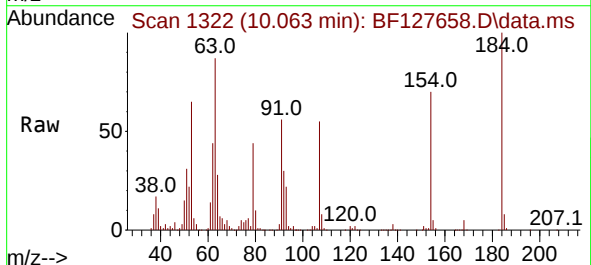
Instrument :  
BNA\_F  
ClientSampleId :  
PF-1MSD

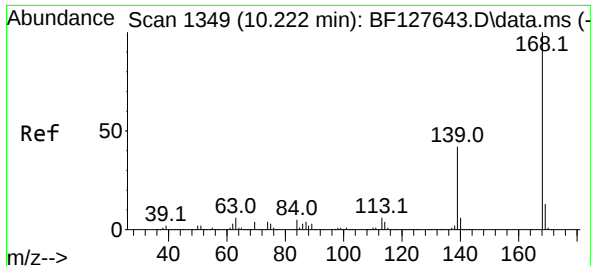
Tgt Ion:138 Resp: 107821  
Ion Ratio Lower Upper  
138 100  
108 11.7 9.4 14.0  
92 126.4 106.1 159.1



#54  
2,4-Dinitrophenol  
Concen: 94.051 ng  
RT: 10.063 min Scan# 1322  
Delta R.T. -0.000 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

Tgt Ion:184 Resp: 125444  
Ion Ratio Lower Upper  
184 100  
63 86.8 58.1 87.1  
154 70.3 53.2 79.8

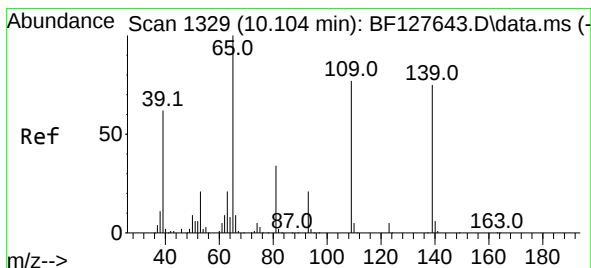
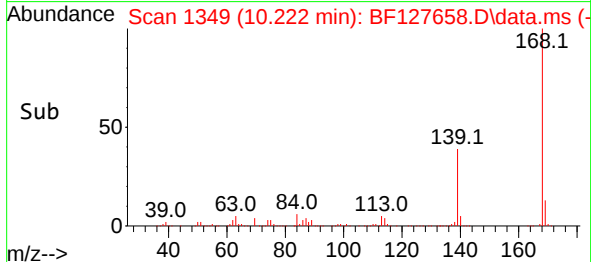
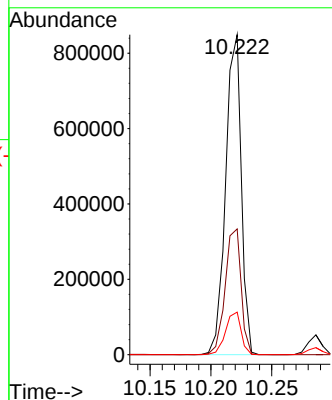
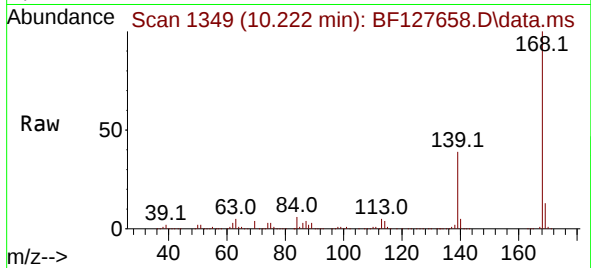




#55  
Dibenzofuran  
Concen: 45.753 ng  
RT: 10.222 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

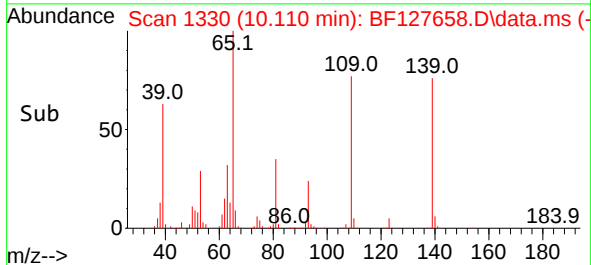
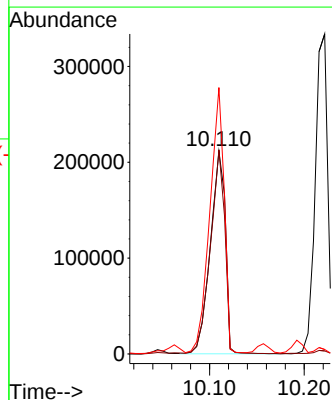
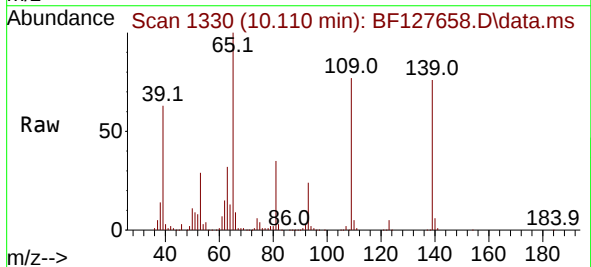
Instrument :  
BNA\_F  
ClientSampleId :  
PF-1MSD

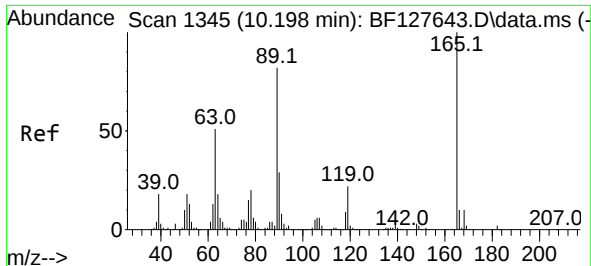
Tgt Ion:168 Resp: 757835  
Ion Ratio Lower Upper  
168 100  
139 39.3 30.3 45.5  
169 13.3 10.8 16.2



#56  
4-Nitrophenol  
Concen: 105.521 ng  
RT: 10.110 min Scan# 1330  
Delta R.T. 0.006 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

Tgt Ion:139 Resp: 233154  
Ion Ratio Lower Upper  
139 100  
109 100.7 64.3 104.3  
65 131.4 117.5 157.5

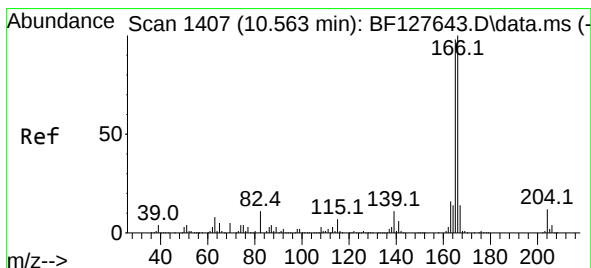
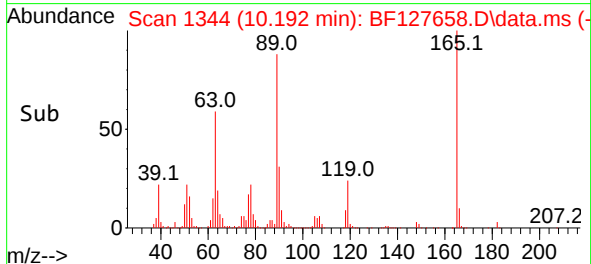
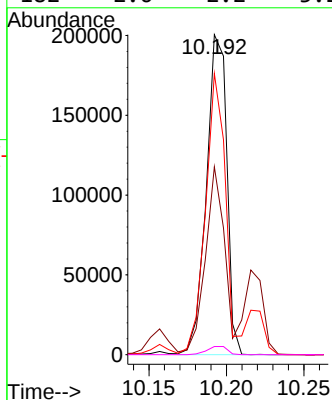
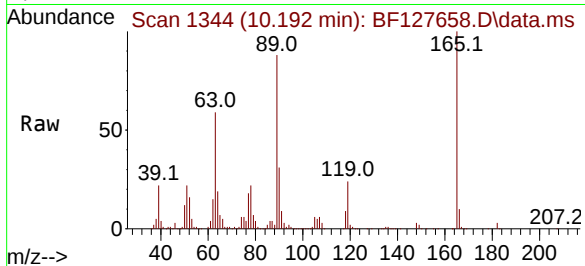




#57  
2,4-Dinitrotoluene  
Concen: 55.767 ng  
RT: 10.192 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

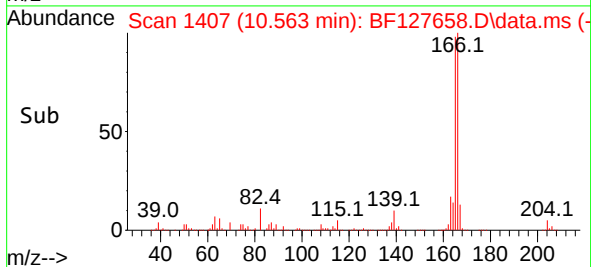
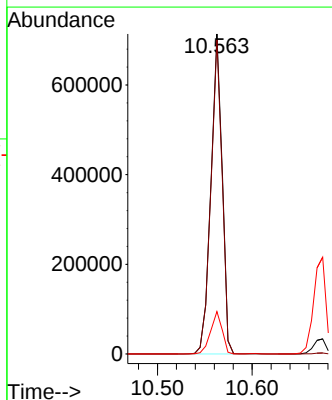
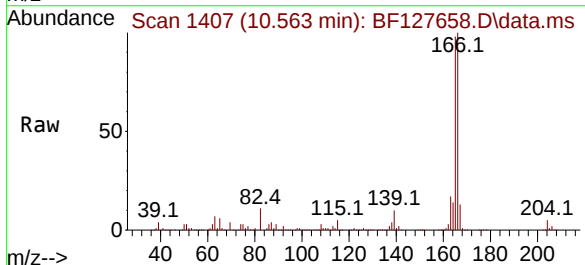
Instrument :  
BNA\_F  
ClientSampleId :  
PF-1MSD

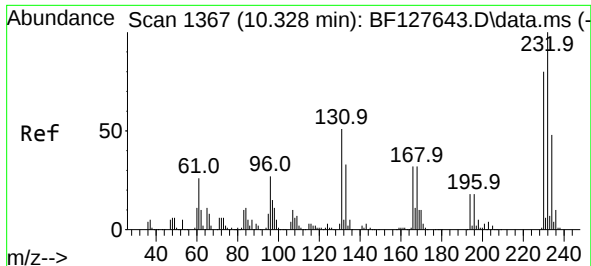
Tgt Ion:165 Resp: 184104  
Ion Ratio Lower Upper  
165 100  
63 58.7 53.1 79.7  
89 87.8 69.2 103.8  
182 2.6 2.2 3.2



#58  
Fluorene  
Concen: 48.057 ng  
RT: 10.563 min Scan# 1407  
Delta R.T. -0.000 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

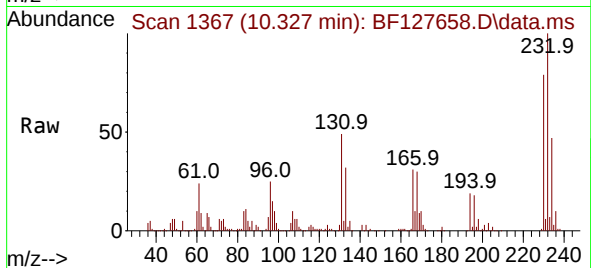
Tgt Ion:166 Resp: 588138  
Ion Ratio Lower Upper  
166 100  
165 98.2 78.1 117.1  
167 13.2 10.5 15.7



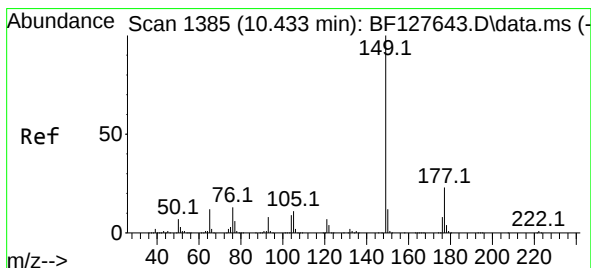
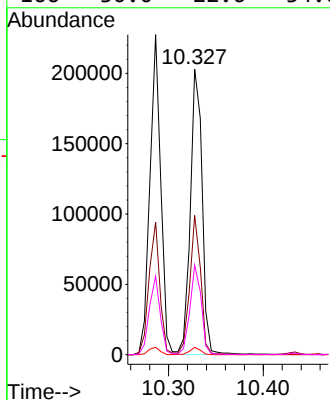
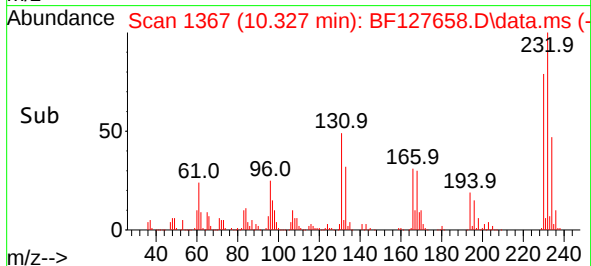


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 45.974 ng  
RT: 10.327 min Scan# 1367  
Delta R.T. -0.000 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

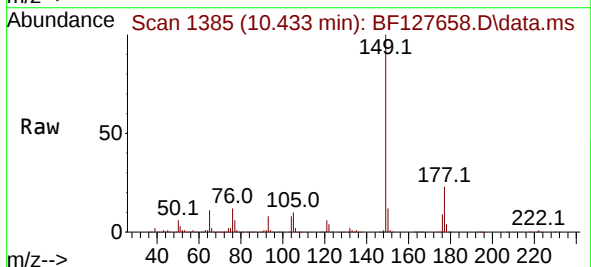
Instrument :  
BNA\_F  
ClientSampleId :  
PF-1MSD



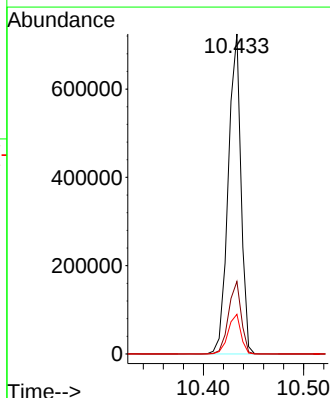
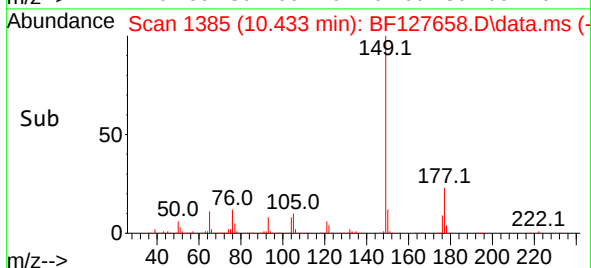
Tgt Ion:232 Resp: 175430  
Ion Ratio Lower Upper  
232 100  
131 44.8 33.4 50.0  
130 2.4 1.8 2.6  
166 30.0 22.6 34.0

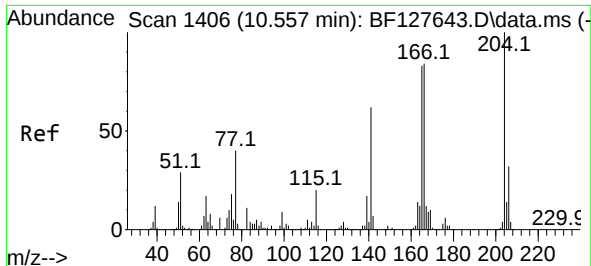


#60  
Diethylphthalate  
Concen: 47.161 ng  
RT: 10.433 min Scan# 1385  
Delta R.T. -0.000 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08



Tgt Ion:149 Resp: 637526  
Ion Ratio Lower Upper  
149 100  
177 22.7 18.9 28.3  
150 12.4 10.0 15.0

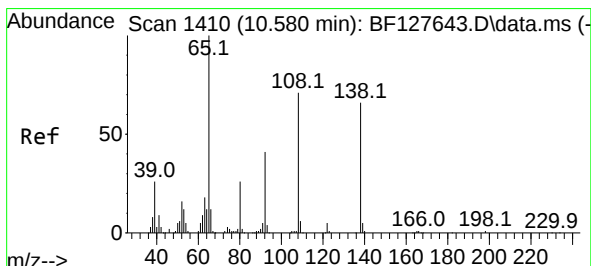
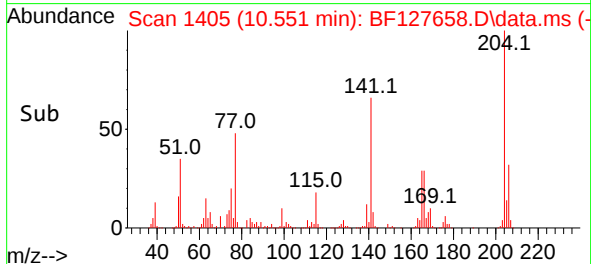
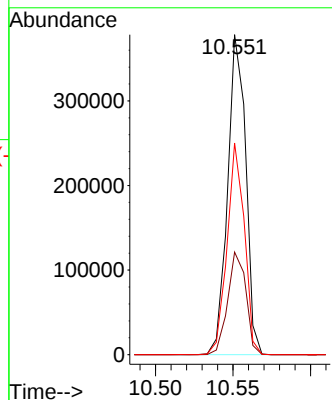
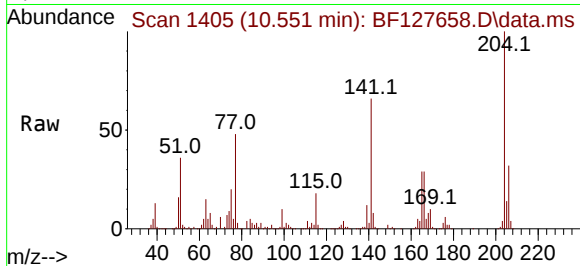




#61  
4-Chlorophenyl-phenylether  
Concen: 45.640 ng  
RT: 10.551 min Scan# 1405  
Delta R.T. -0.006 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

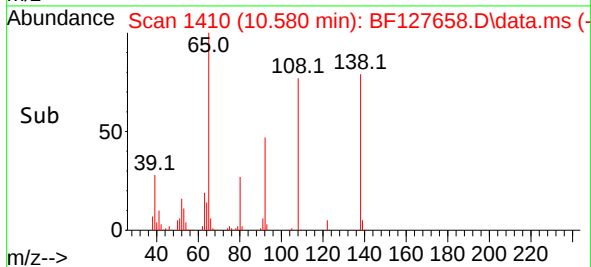
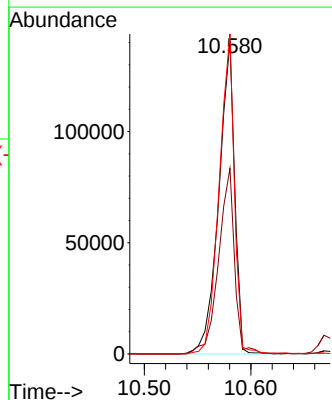
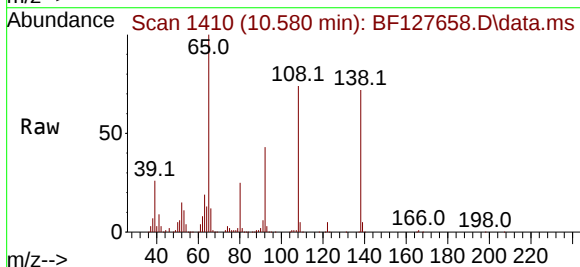
Instrument :  
BNA\_F  
ClientSampleId :  
PF-1MSD

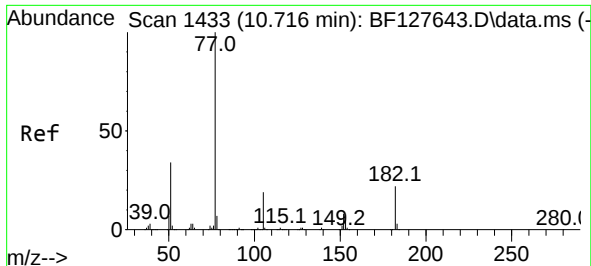
Tgt Ion:204 Resp: 306900  
Ion Ratio Lower Upper  
204 100  
206 32.0 25.9 38.9  
141 66.2 47.8 71.8



#62  
4-Nitroaniline  
Concen: 54.870 ng  
RT: 10.580 min Scan# 1410  
Delta R.T. -0.000 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

Tgt Ion:138 Resp: 145371  
Ion Ratio Lower Upper  
138 100  
92 59.4 40.5 80.5  
108 102.3 69.2 109.2

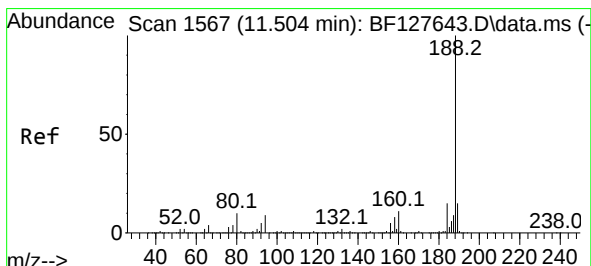
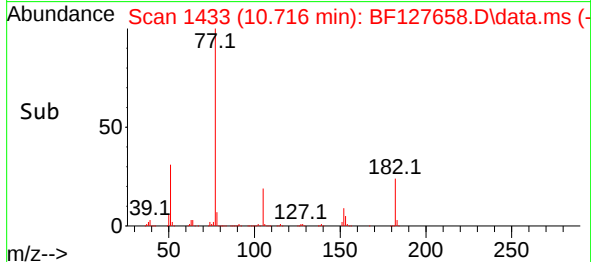
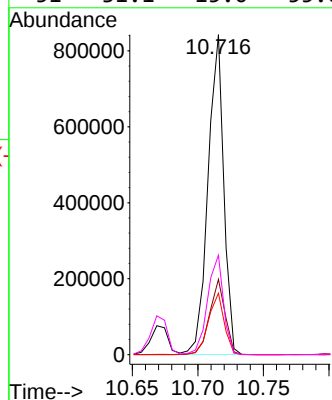
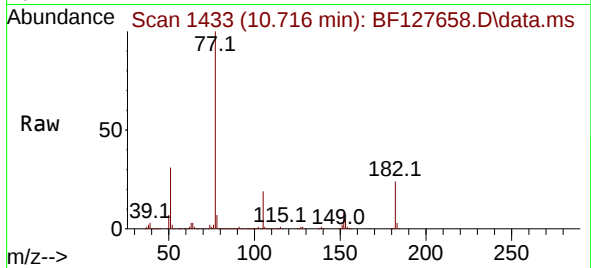




#63  
Azobenzene  
Concen: 46.575 ng  
RT: 10.716 min Scan# 1433  
Delta R.T. -0.000 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

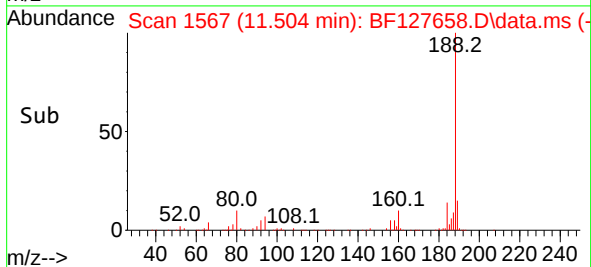
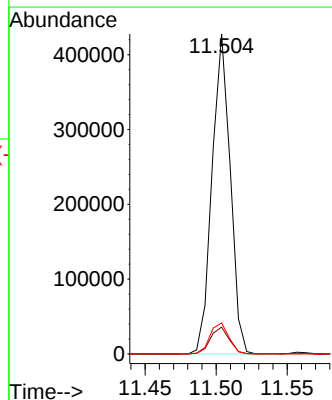
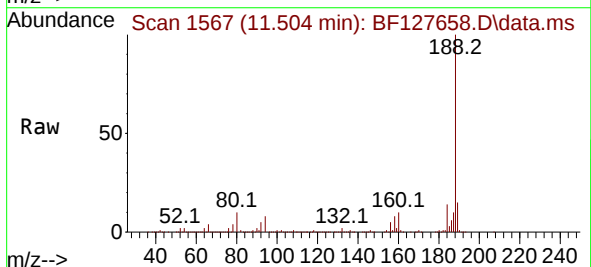
Instrument :  
BNA\_F  
ClientSampleId :  
PF-1MSD

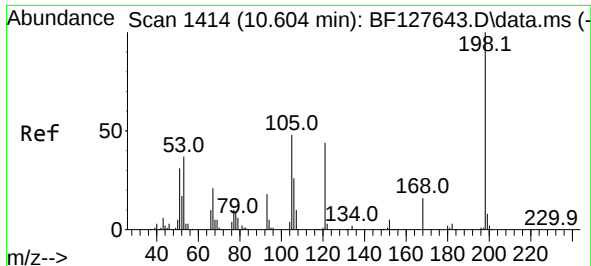
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 703534 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 23.6    | 4.5 44.5     |
| 105 19.2    | 0.3 40.3     |
| 51 31.1     | 15.0 55.0    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.504 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

|             |              |       |  |
|-------------|--------------|-------|--|
| Tgt Ion:188 | Resp: 381999 |       |  |
| Ion Ratio   | Lower        | Upper |  |
| 188 100     |              |       |  |
| 94 8.4      | 7.4          | 11.0  |  |
| 80 9.7      | 8.0          | 12.0  |  |

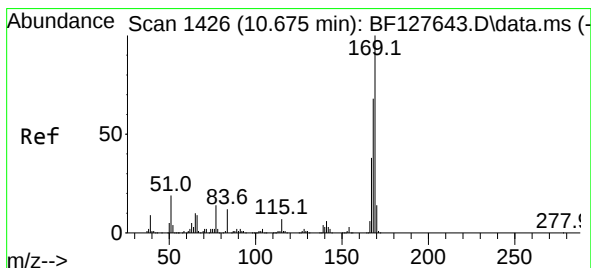
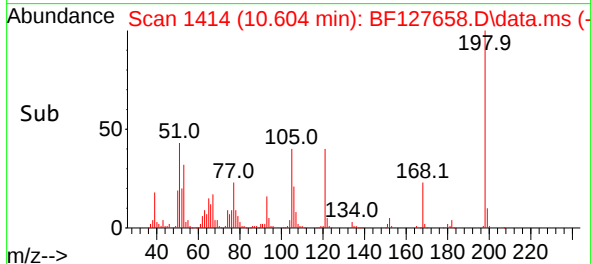
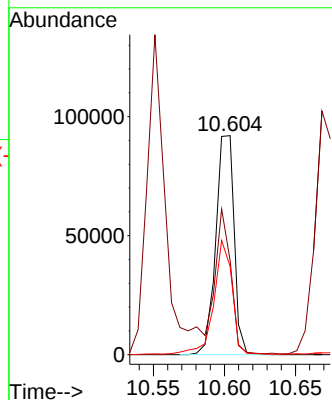
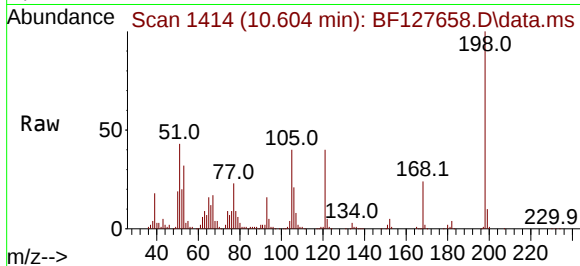




#65  
4,6-Dinitro-2-methylphenol  
Concen: 44.590 ng  
RT: 10.604 min Scan# 1414  
Delta R.T. -0.000 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

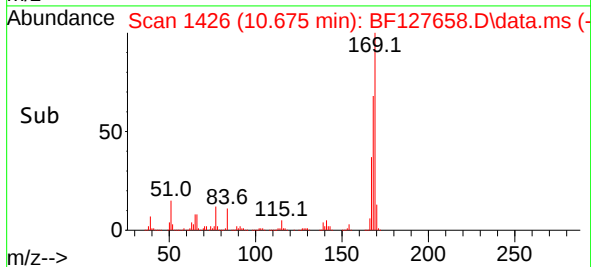
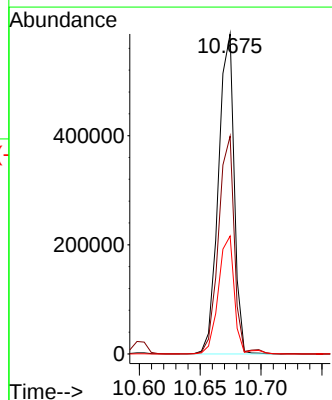
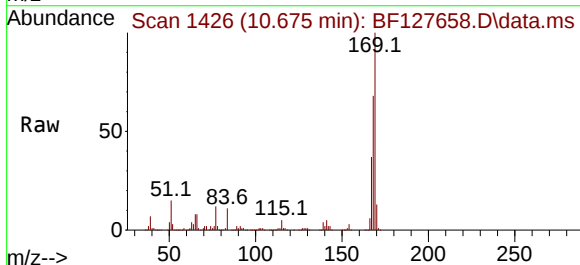
Instrument :  
BNA\_F  
ClientSampleId :  
PF-1MSD

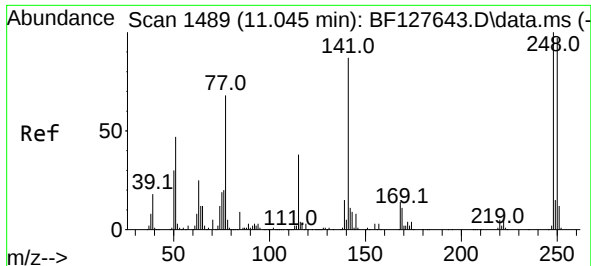
Tgt Ion:198 Resp: 82272  
Ion Ratio Lower Upper  
198 100  
51 43.0 42.7 82.7  
105 40.3 25.4 65.4



#66  
n-Nitrosodiphenylamine  
Concen: 43.951 ng  
RT: 10.675 min Scan# 1426  
Delta R.T. -0.000 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

Tgt Ion:169 Resp: 528765  
Ion Ratio Lower Upper  
169 100  
168 68.0 52.7 79.1  
167 36.8 28.9 43.3

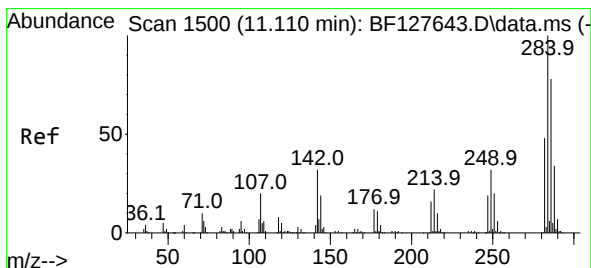
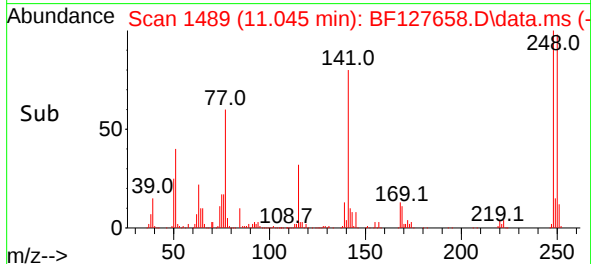
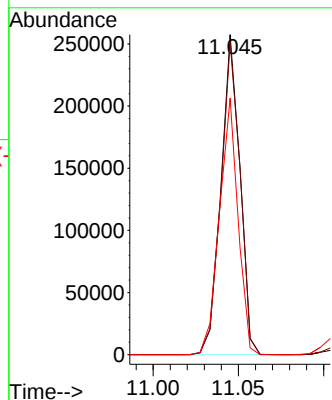
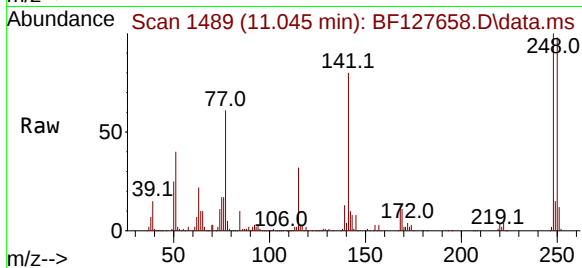




#67  
4-Bromophenyl-phenylether  
Concen: 43.097 ng  
RT: 11.045 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

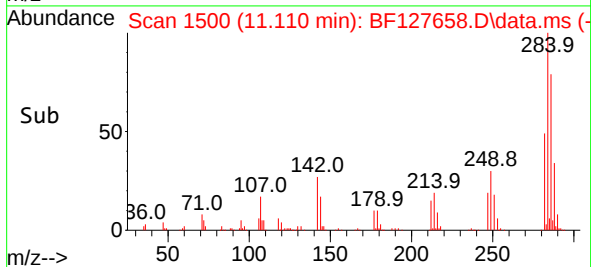
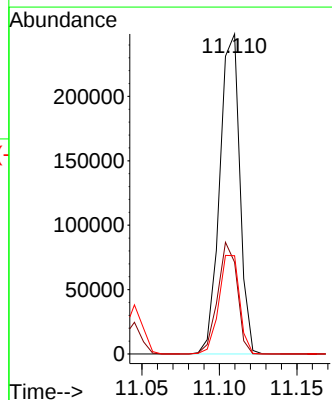
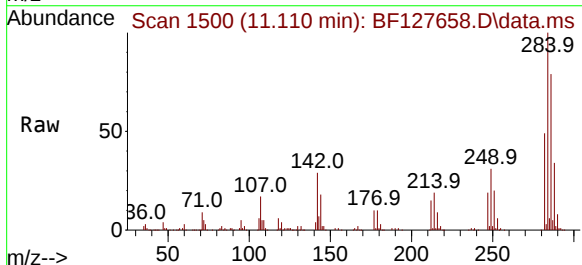
Instrument :  
BNA\_F  
ClientSampleId :  
PF-1MSD

Tgt Ion:248 Resp: 199802  
Ion Ratio Lower Upper  
248 100  
250 97.7 76.6 115.0  
141 80.1 52.2 78.2#



#68  
Hexachlorobenzene  
Concen: 44.134 ng  
RT: 11.110 min Scan# 1500  
Delta R.T. -0.000 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

Tgt Ion:284 Resp: 223665  
Ion Ratio Lower Upper  
284 100  
142 28.7 23.8 35.8  
249 30.7 23.9 35.9





#69

Atrazine

Concen: 51.725 ng

RT: 11.198 min Scan# 1515

Delta R.T. -0.000 min

Lab File: BF127658.D

Acq: 06 Apr 2022 20:08

Instrument :

BNA\_F

ClientSampleId :

PF-1MSD

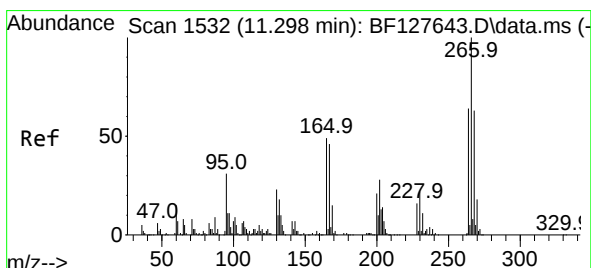
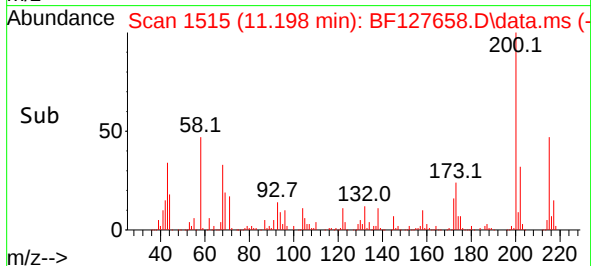
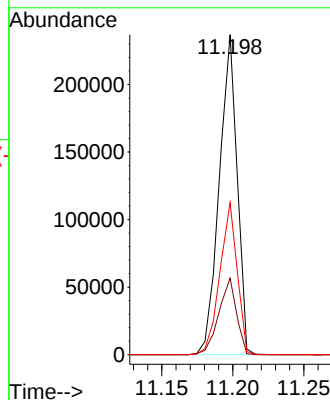
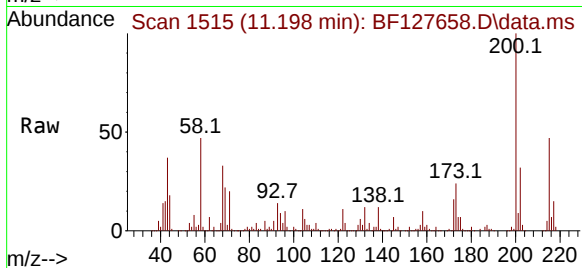
Tgt Ion:200 Resp: 206757

Ion Ratio Lower Upper

200 100

173 23.9 2.9 42.9

215 47.5 28.0 68.0



#70

Pentachlorophenol

Concen: 85.631 ng

RT: 11.298 min Scan# 1532

Delta R.T. -0.000 min

Lab File: BF127658.D

Acq: 06 Apr 2022 20:08

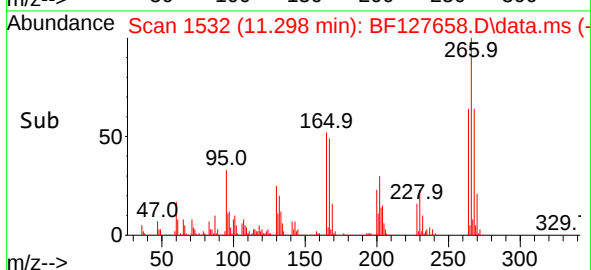
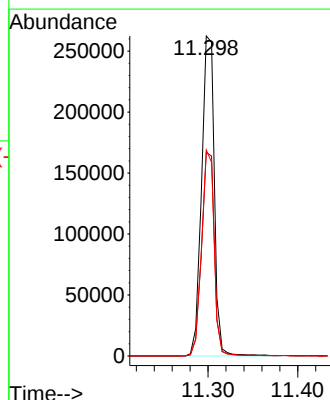
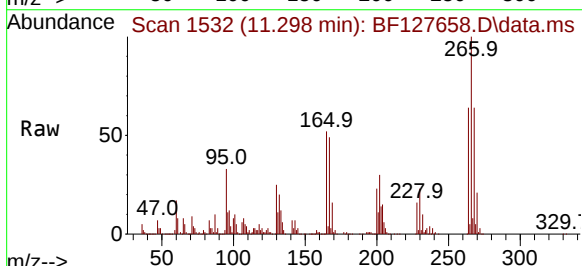
Tgt Ion:266 Resp: 259192

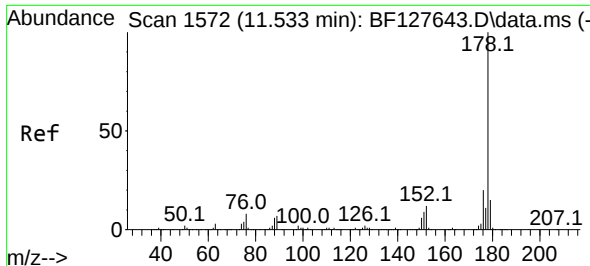
Ion Ratio Lower Upper

266 100

268 63.5 50.4 75.6

264 64.4 48.5 72.7

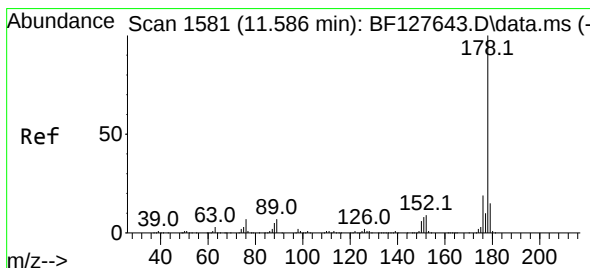
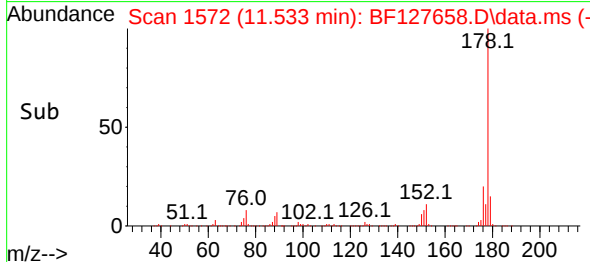
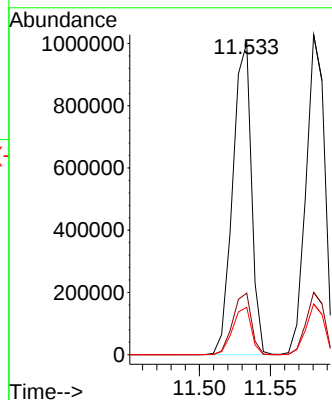
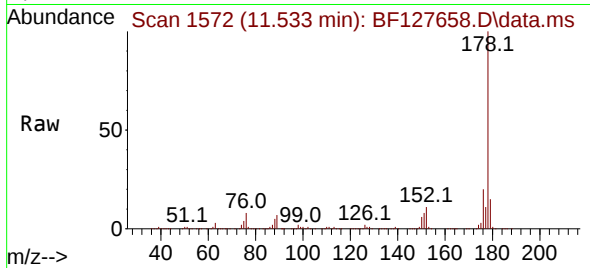




#71  
Phenanthrene  
Concen: 45.360 ng  
RT: 11.533 min Scan# 1572  
Delta R.T. -0.000 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

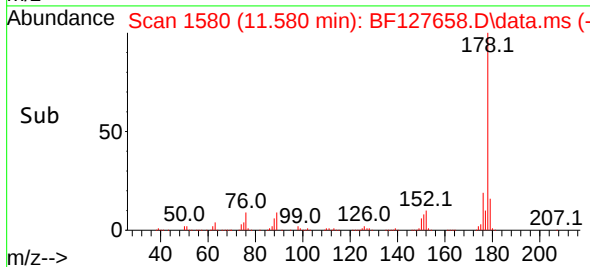
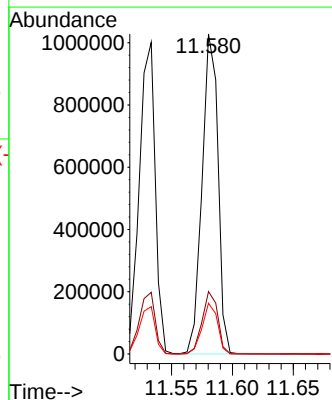
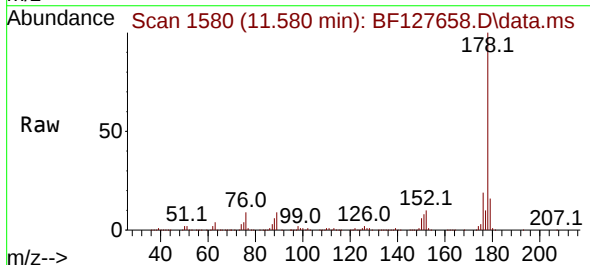
Instrument :  
BNA\_F  
ClientSampleId :  
PF-1MSD

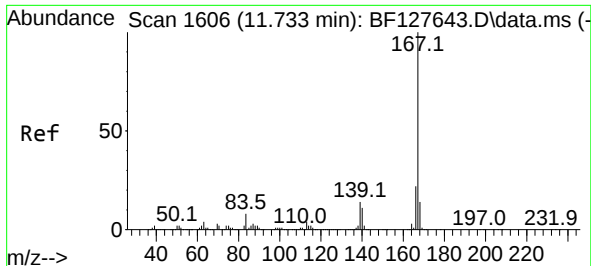
Tgt Ion:178 Resp: 918069  
Ion Ratio Lower Upper  
178 100  
176 19.8 15.4 23.2  
179 15.2 12.4 18.6



#72  
Anthracene  
Concen: 46.568 ng  
RT: 11.580 min Scan# 1580  
Delta R.T. -0.006 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

Tgt Ion:178 Resp: 932319  
Ion Ratio Lower Upper  
178 100  
176 19.5 14.6 22.0  
179 15.9 12.4 18.6

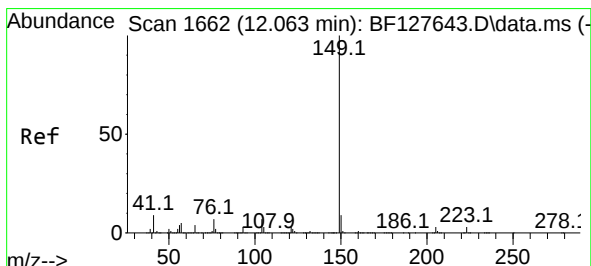
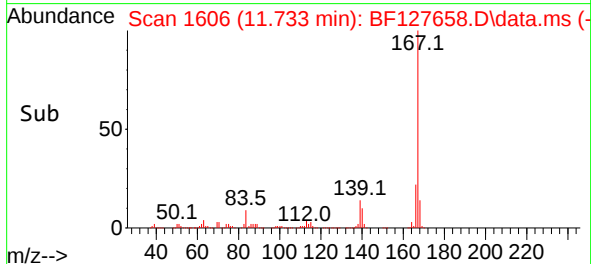
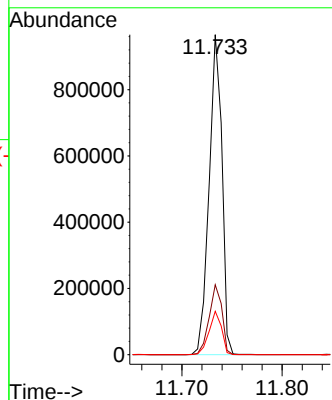
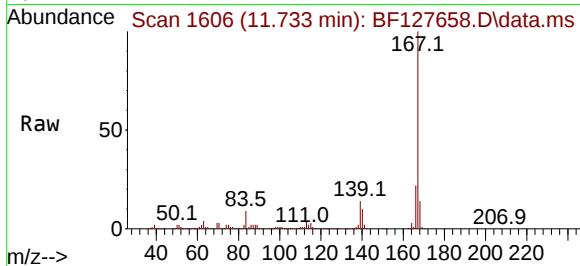




#73  
 Carbazole  
 Concen: 45.986 ng  
 RT: 11.733 min Scan# 1606  
 Delta R.T. -0.000 min  
 Lab File: BF127658.D  
 Acq: 06 Apr 2022 20:08

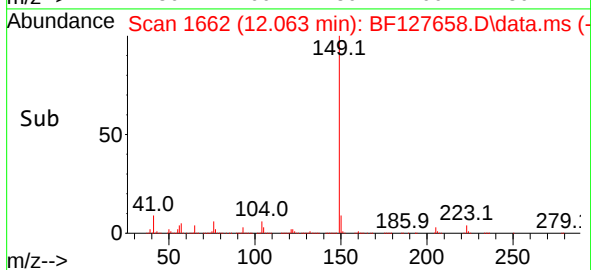
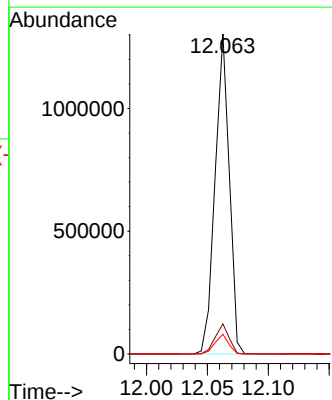
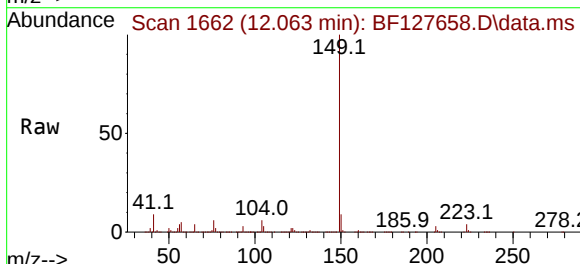
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PF-1MSD

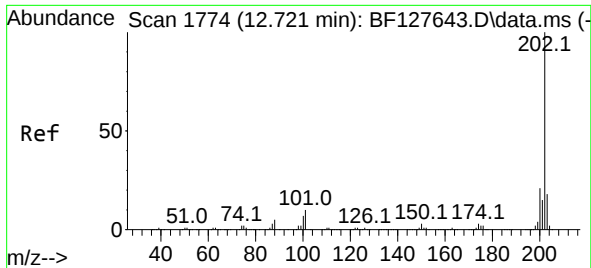
Tgt Ion:167 Resp: 862682  
 Ion Ratio Lower Upper  
 167 100  
 166 21.9 17.0 25.4  
 139 13.6 10.5 15.7



#74  
 Di-n-butylphthalate  
 Concen: 47.046 ng  
 RT: 12.063 min Scan# 1662  
 Delta R.T. -0.000 min  
 Lab File: BF127658.D  
 Acq: 06 Apr 2022 20:08

Tgt Ion:149 Resp: 1055047  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.5 11.3  
 104 6.2 4.2 6.2

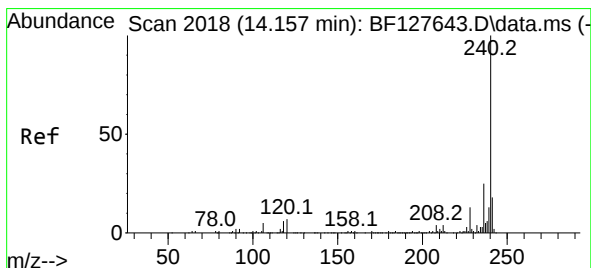
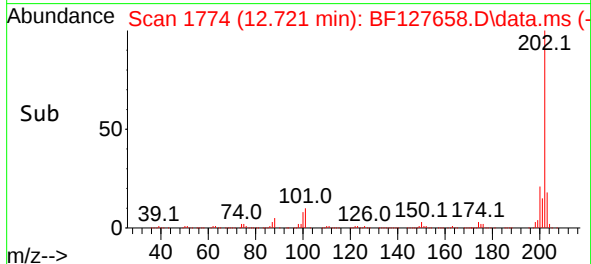
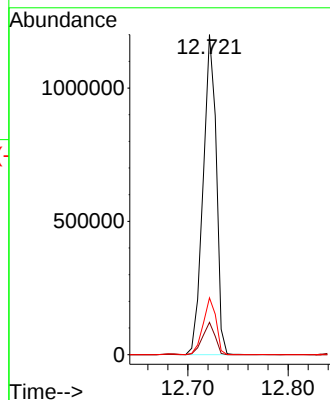
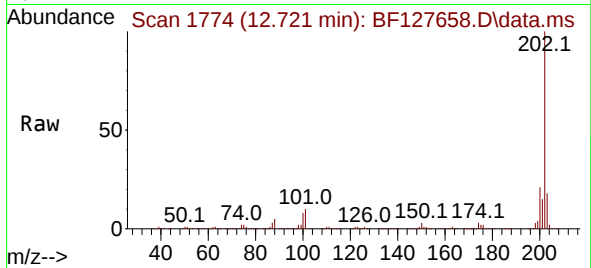




#75  
Fluoranthene  
Concen: 49.684 ng  
RT: 12.721 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

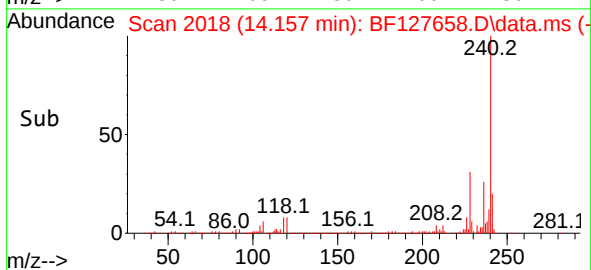
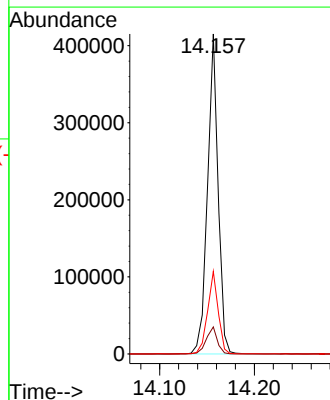
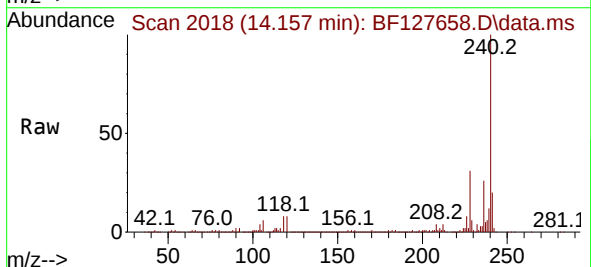
Instrument :  
BNA\_F  
ClientSampleId :  
PF-1MSD

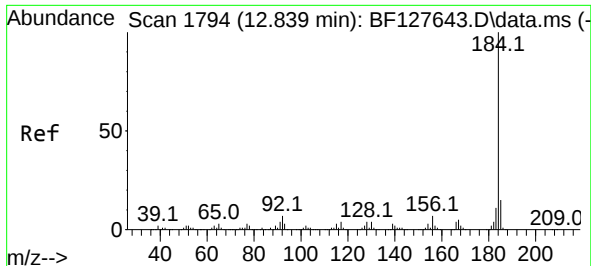
Tgt Ion:202 Resp: 1097333  
Ion Ratio Lower Upper  
202 100  
101 10.1 0.0 29.0  
203 17.7 0.0 37.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.157 min Scan# 1818  
Delta R.T. -0.000 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

Tgt Ion:240 Resp: 322719  
Ion Ratio Lower Upper  
240 100  
120 8.5 7.1 10.7  
236 25.8 20.7 31.1

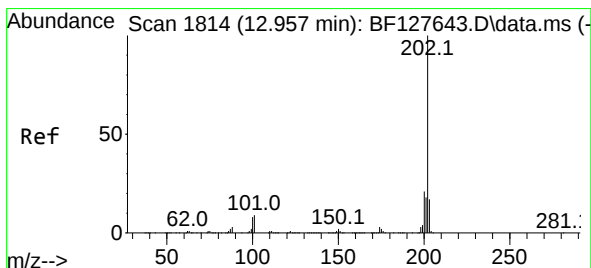
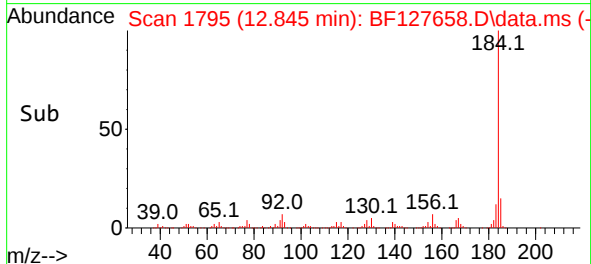
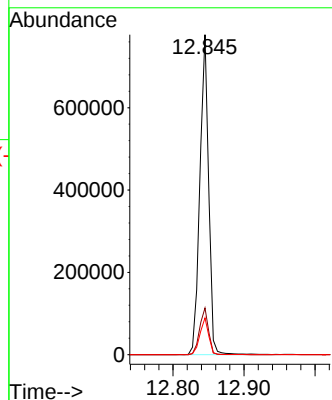
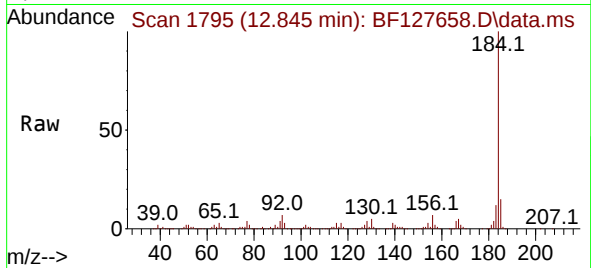




#77  
Benzidine  
Concen: 79.552 ng  
RT: 12.845 min Scan# 1795  
Delta R.T. 0.006 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

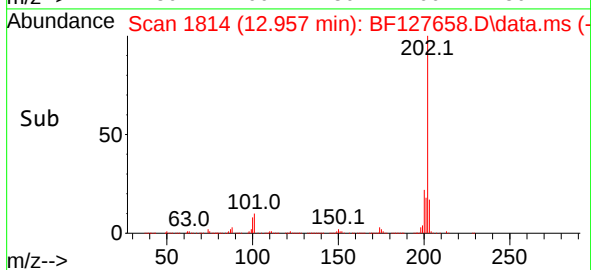
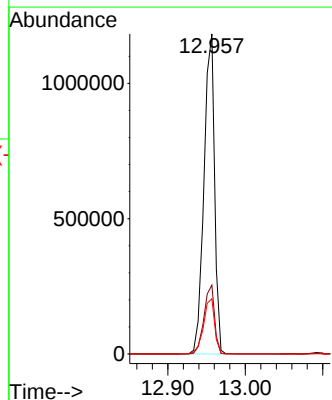
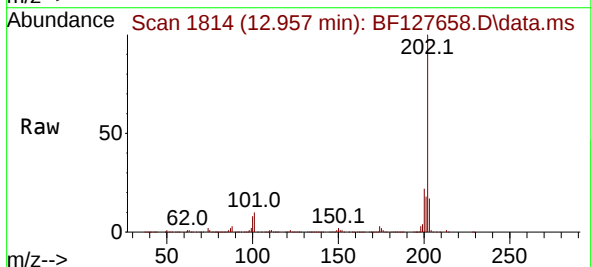
Instrument :  
BNA\_F  
ClientSampleId :  
PF-1MSD

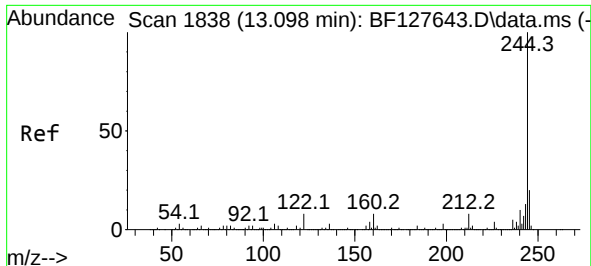
Tgt Ion:184 Resp: 670080  
Ion Ratio Lower Upper  
184 100  
185 14.6 12.2 18.2  
183 11.5 9.4 14.0



#78  
Pyrene  
Concen: 41.175 ng  
RT: 12.957 min Scan# 1814  
Delta R.T. -0.000 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

Tgt Ion:202 Resp: 1122077  
Ion Ratio Lower Upper  
202 100  
200 21.5 17.1 25.7  
203 17.2 14.3 21.5

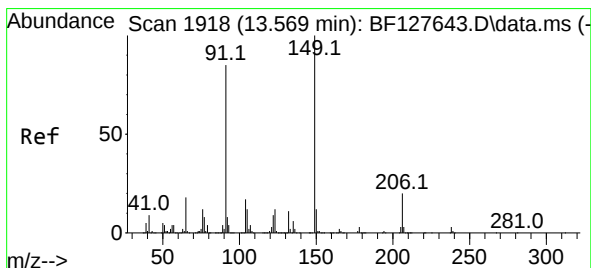
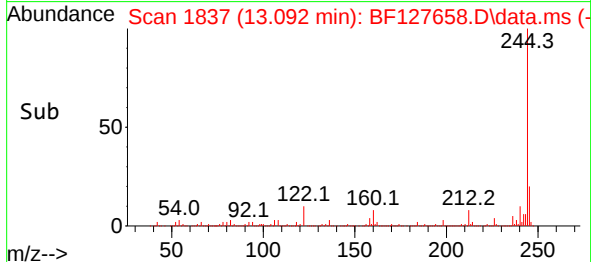
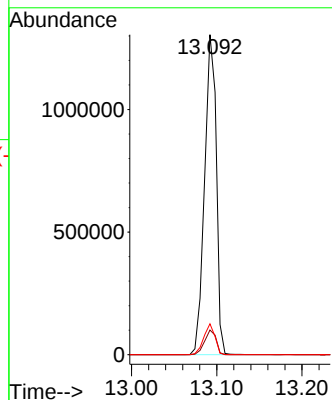
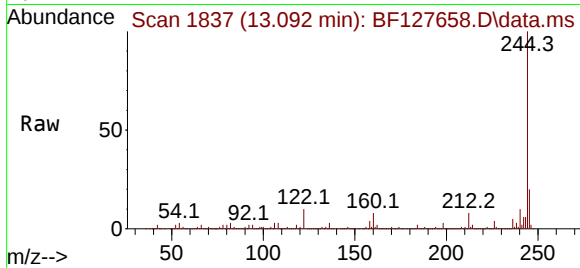




#79  
 Terphenyl-d14  
 Concen: 63.639 ng  
 RT: 13.092 min Scan# 1837  
 Delta R.T. -0.006 min  
 Lab File: BF127658.D  
 Acq: 06 Apr 2022 20:08

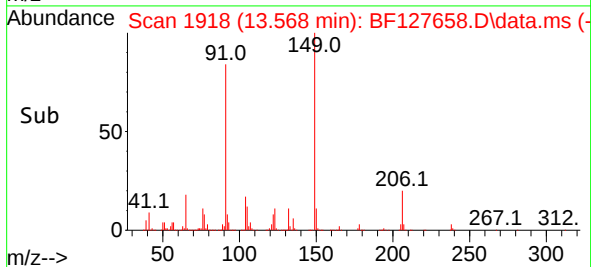
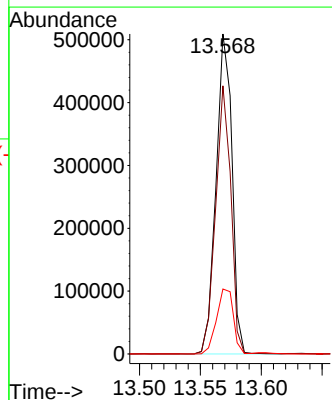
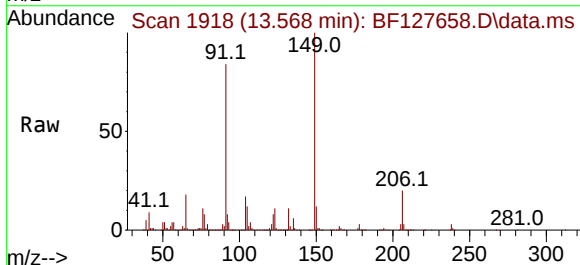
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PF-1MSD

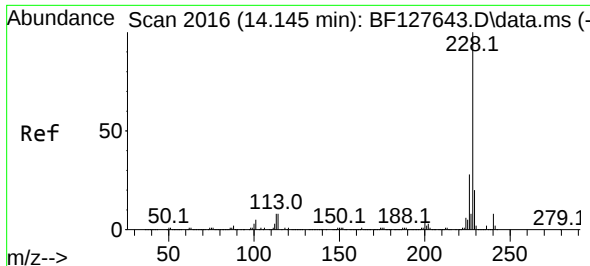
Tgt Ion:244 Resp: 1244252  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 5.7 8.5  
 122 9.7 6.2 9.2#



#80  
 Butylbenzylphthalate  
 Concen: 45.584 ng  
 RT: 13.568 min Scan# 1918  
 Delta R.T. -0.000 min  
 Lab File: BF127658.D  
 Acq: 06 Apr 2022 20:08

Tgt Ion:149 Resp: 462521  
 Ion Ratio Lower Upper  
 149 100  
 91 83.8 69.1 103.7  
 206 20.3 17.7 26.5

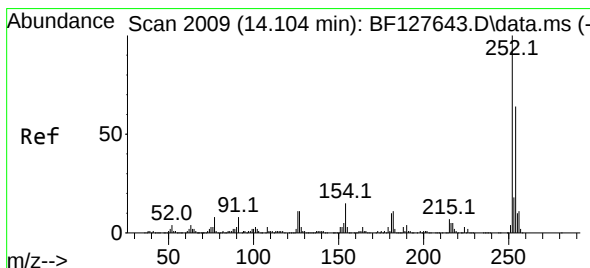
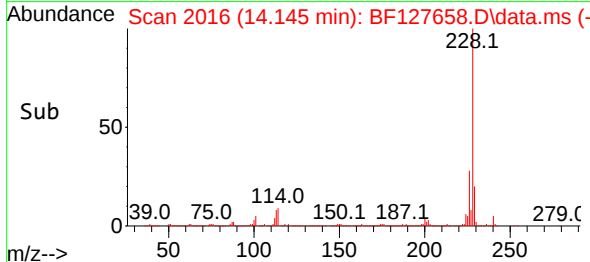
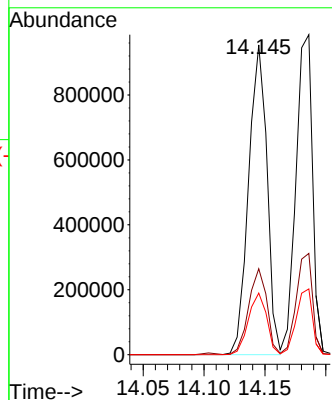
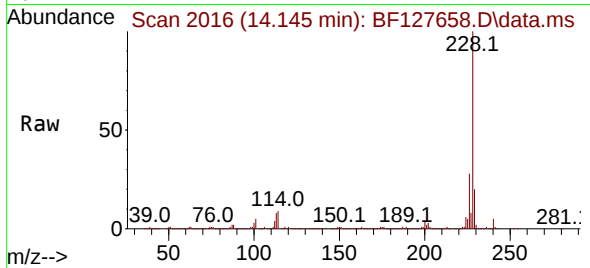




#81  
Benzo(a)anthracene  
Concen: 46.597 ng  
RT: 14.145 min Scan# 2016  
Delta R.T. -0.000 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

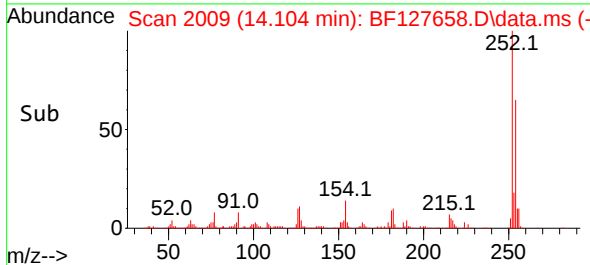
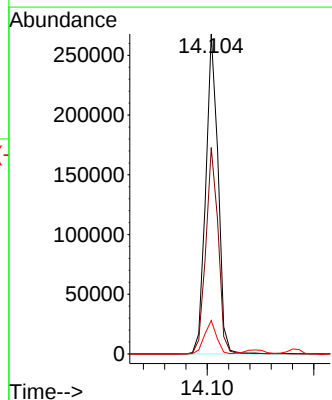
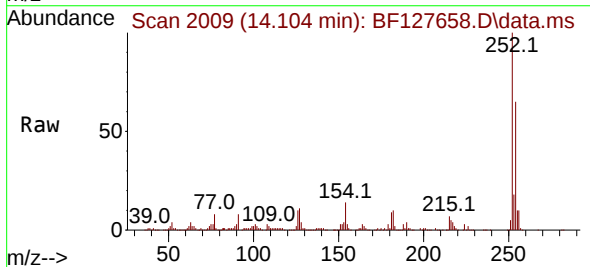
Instrument :  
BNA\_F  
ClientSampleId :  
PF-1MSD

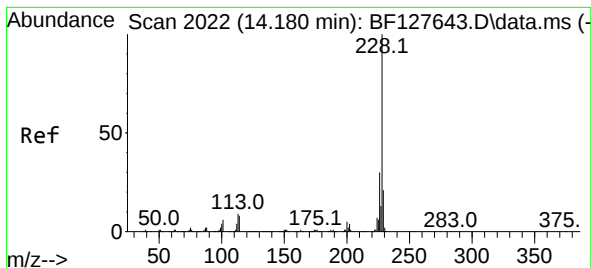
Tgt Ion:228 Resp: 1004359  
Ion Ratio Lower Upper  
228 100  
226 27.7 21.6 32.4  
229 19.9 15.4 23.2



#82  
3,3'-Dichlorobenzidine  
Concen: 32.155 ng  
RT: 14.104 min Scan# 2009  
Delta R.T. -0.000 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

Tgt Ion:252 Resp: 216066  
Ion Ratio Lower Upper  
252 100  
254 64.5 50.2 75.4  
126 10.4 8.7 13.1





#83

Chrysene

Concen: 45.275 ng

RT: 14.186 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF127658.D

Acq: 06 Apr 2022 20:08

Instrument :

BNA\_F

ClientSampleId :

PF-1MSD

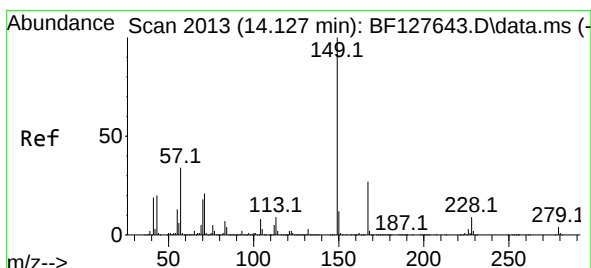
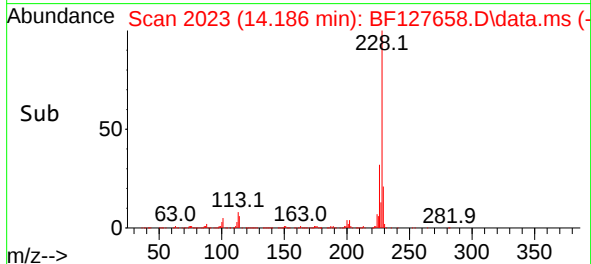
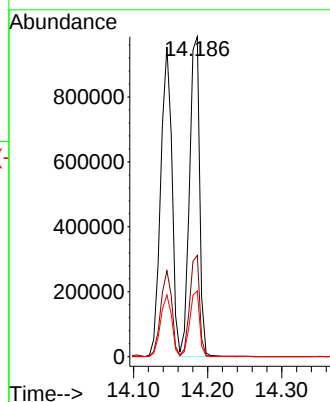
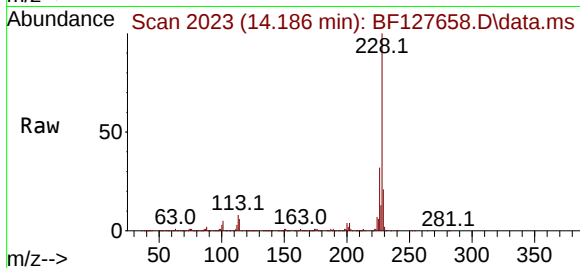
Tgt Ion:228 Resp: 936746

Ion Ratio Lower Upper

228 100

226 31.6 24.2 36.4

229 20.6 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.530 ng

RT: 14.127 min Scan# 2013

Delta R.T. -0.000 min

Lab File: BF127658.D

Acq: 06 Apr 2022 20:08

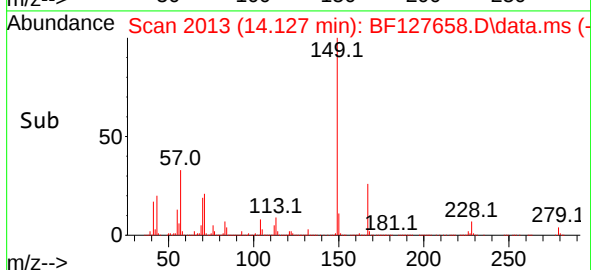
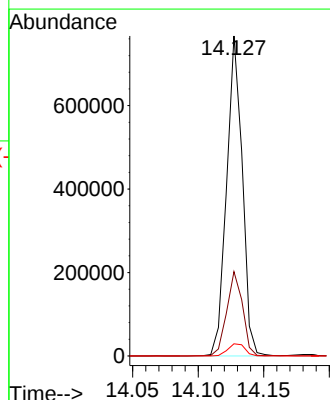
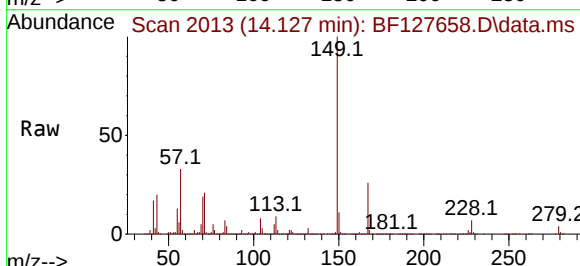
Tgt Ion:149 Resp: 636871

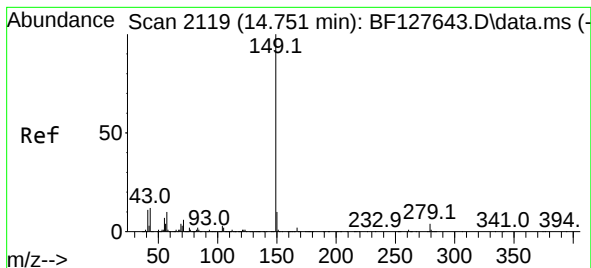
Ion Ratio Lower Upper

149 100

167 26.4 22.9 34.3

279 3.8 3.2 4.8

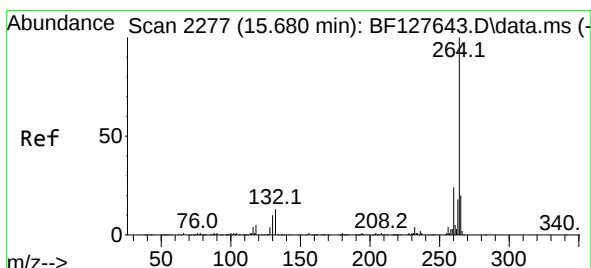
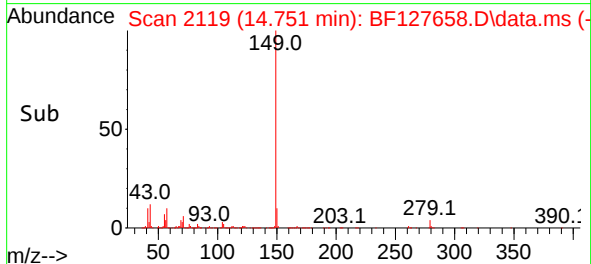
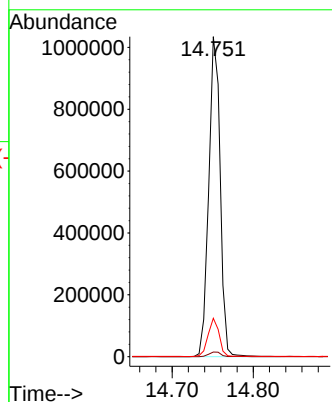
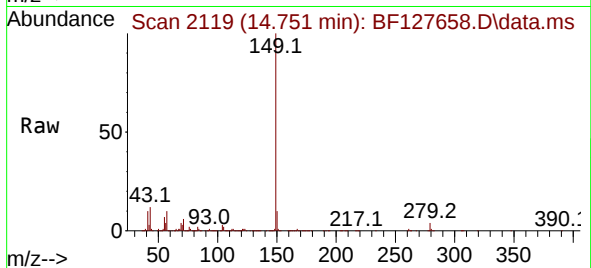




#85  
Di-n-octyl phthalate  
Concen: 48.174 ng  
RT: 14.751 min Scan# 2119  
Delta R.T. -0.000 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

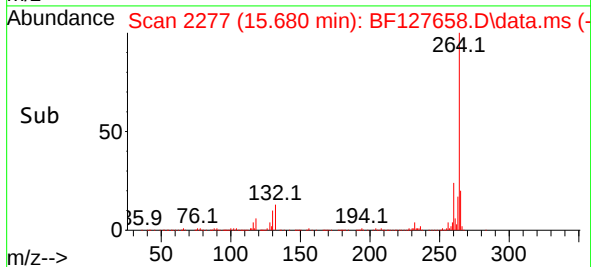
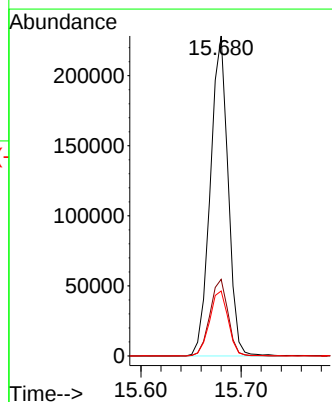
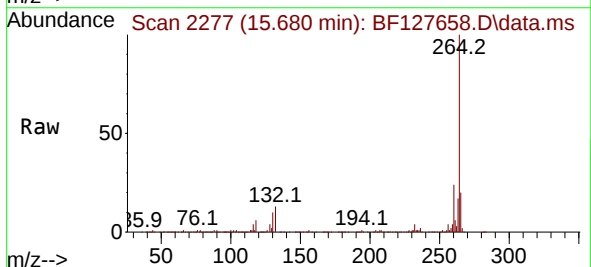
Instrument :  
BNA\_F  
ClientSampleId :  
PF-1MSD

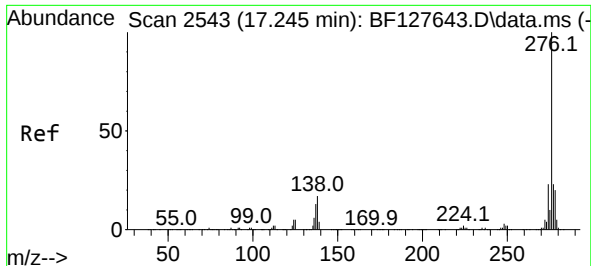
Tgt Ion:149 Resp: 1007415  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.3 1.9  
43 11.6 11.0 16.6



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.680 min Scan# 2277  
Delta R.T. -0.000 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

Tgt Ion:264 Resp: 281928  
Ion Ratio Lower Upper  
264 100  
260 23.9 19.1 28.7  
265 20.3 17.4 26.2

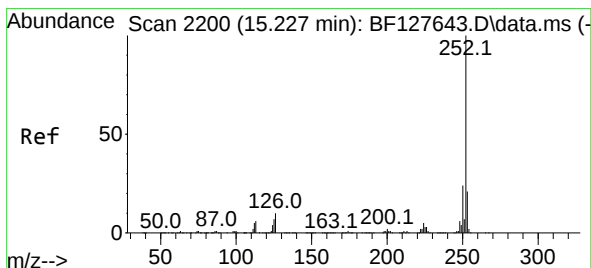
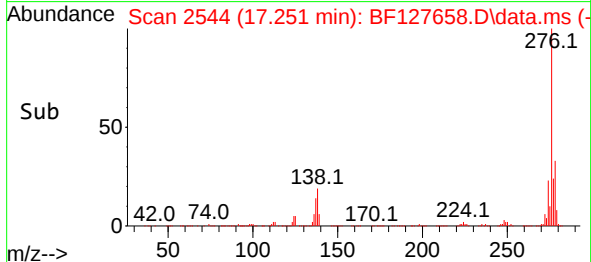
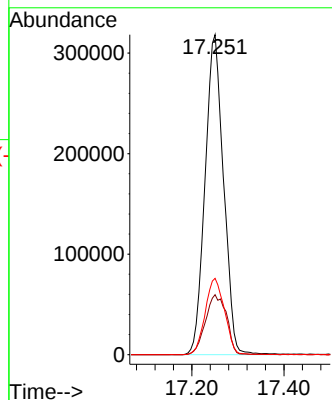
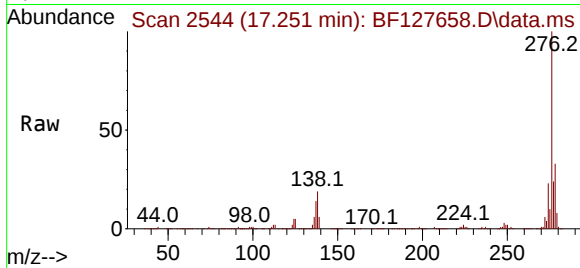




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 50.513 ng  
 RT: 17.251 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: BF127658.D  
 Acq: 06 Apr 2022 20:08

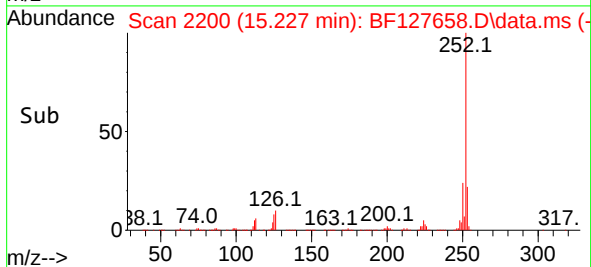
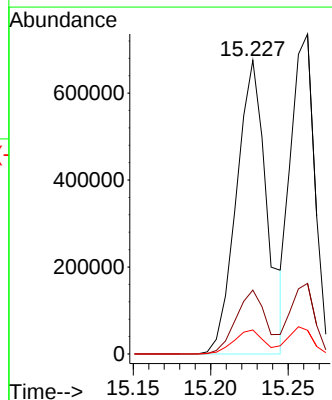
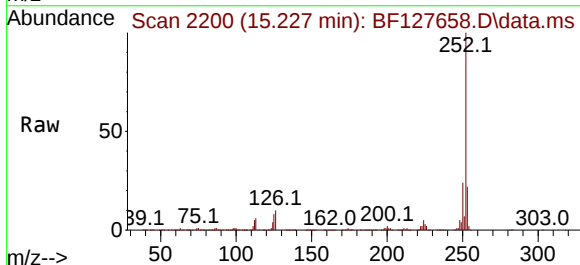
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PF-1MSD

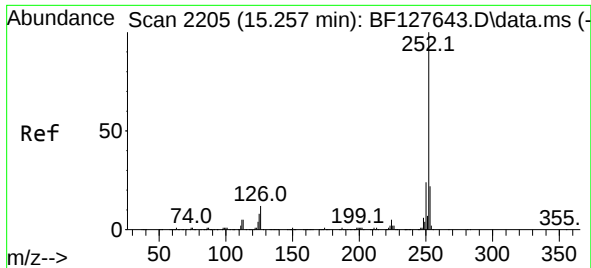
Tgt Ion:276 Resp: 889772  
 Ion Ratio Lower Upper  
 276 100  
 138 21.4 17.1 25.7  
 277 25.0 19.9 29.9



#88  
 Benzo(b)fluoranthene  
 Concen: 50.841 ng  
 RT: 15.227 min Scan# 2200  
 Delta R.T. -0.000 min  
 Lab File: BF127658.D  
 Acq: 06 Apr 2022 20:08

Tgt Ion:252 Resp: 922076  
 Ion Ratio Lower Upper  
 252 100  
 253 21.8 17.9 26.9  
 125 8.2 7.0 10.4

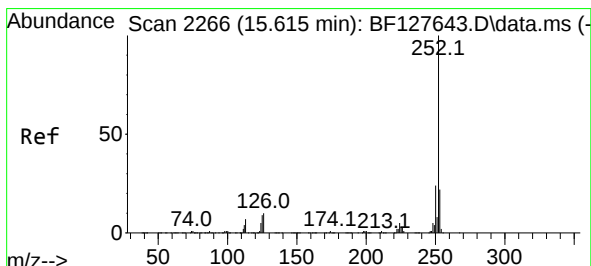
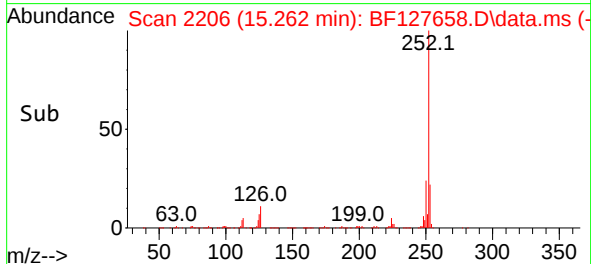
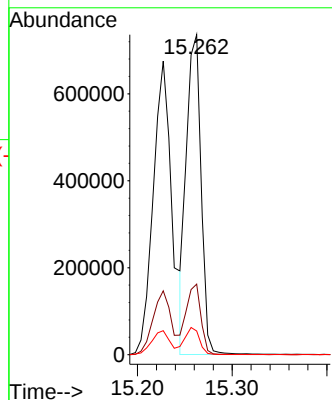
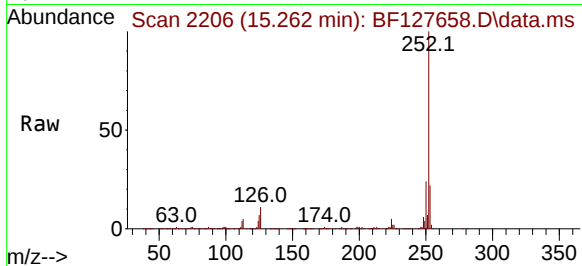




#89  
Benzo(k)fluoranthene  
Concen: 43.919 ng  
RT: 15.262 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

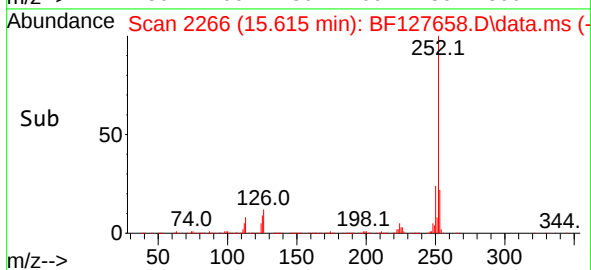
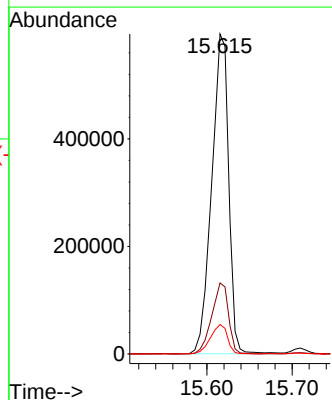
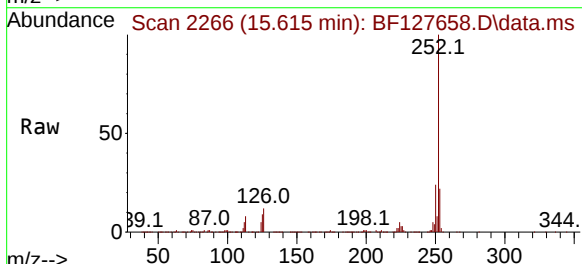
Instrument :  
BNA\_F  
ClientSampleId :  
PF-1MSD

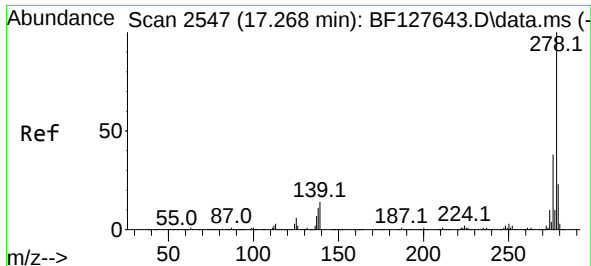
Tgt Ion:252 Resp: 790005  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.3 25.9  
125 7.4 6.9 10.3



#90  
Benzo(a)pyrene  
Concen: 55.787 ng  
RT: 15.615 min Scan# 2266  
Delta R.T. -0.000 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

Tgt Ion:252 Resp: 822358  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.0 25.6  
125 9.2 6.7 10.1

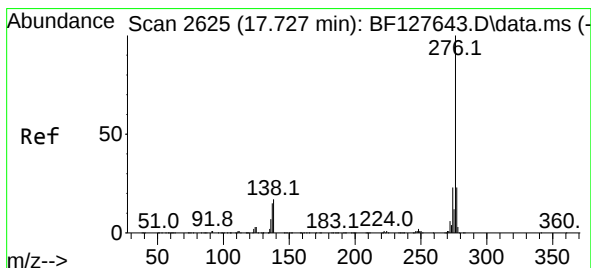
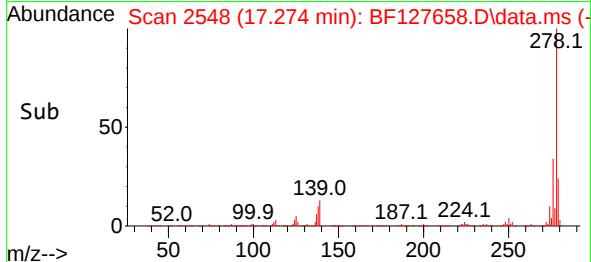
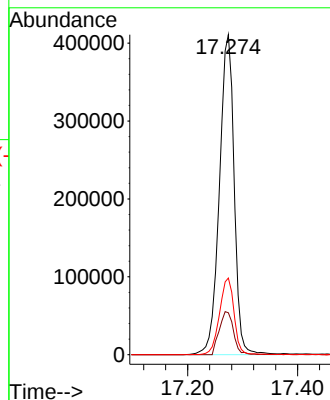
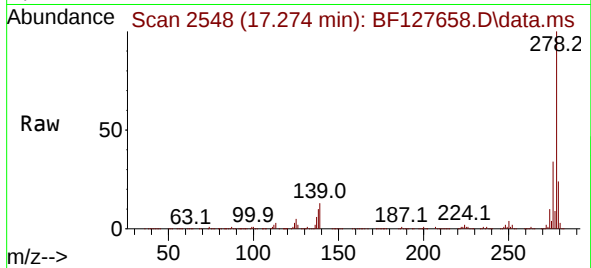




#91  
Dibenzo(a,h)anthracene  
Concen: 53.700 ng  
RT: 17.274 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

Instrument :  
BNA\_F  
ClientSampleId :  
PF-1MSD

Tgt Ion:278 Resp: 766406  
Ion Ratio Lower Upper  
278 100  
139 13.1 10.8 16.2  
279 23.9 17.7 26.5



#92  
Benzo(g,h,i)perylene  
Concen: 53.746 ng  
RT: 17.733 min Scan# 2626  
Delta R.T. 0.006 min  
Lab File: BF127658.D  
Acq: 06 Apr 2022 20:08

Tgt Ion:276 Resp: 786377  
Ion Ratio Lower Upper  
276 100  
277 23.8 19.0 28.4  
138 17.5 14.6 22.0

