

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021721\  
 Data File : BF123215.D  
 Acq On : 17 Feb 2021 16:42  
 Operator : JU/CG  
 Sample : M1422-01MS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BU-03-021621MS

Manual Integrations  
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Quant Time: Feb 17 18:07:37 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF021221.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 12 16:59:49 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.869  | 152  | 185057   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.157  | 136  | 576810   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.916  | 164  | 292900   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.404 | 188  | 564025   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.057 | 240  | 449563   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 15.533 | 264  | 369781   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.487  | 112  | 1252342  | 102.58 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 1822929  | 113.06 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.433  | 82   | 808818   | 73.68  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 371702   | 117.51 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.233  | 172  | 1418987  | 72.40  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.998 | 244  | 1556318  | 69.38  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.640  | 88   | 187150   | 32.90  | ng    | 95       |
| 3) Pyridine                   | 3.410  | 79   | 528537   | 35.95  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.346  | 42   | 254789   | 40.21  | ng    | 95       |
| 6) Aniline                    | 6.534  | 93   | 576433   | 30.04  | ng    | 98       |
| 8) 2-Chlorophenol             | 6.657  | 128  | 613950   | 44.85  | ng    | 97       |
| 9) Benzaldehyde               | 6.416  | 77   | 231777   | 24.49  | ng    | 99       |
| 10) Phenol                    | 6.516  | 94   | 825439   | 46.63  | ng    | 88       |
| 11) bis(2-Chloroethyl)ether   | 6.604  | 93   | 582554   | 47.40  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.810  | 146  | 596350   | 41.89  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.886  | 146  | 583939   | 40.37  | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 7.039  | 146  | 432124   | 32.04  | ng    | 97       |
| 15) Benzyl Alcohol            | 7.010  | 79   | 369372   | 31.58  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.145  | 45   | 490645   | 30.91  | ng    | 98       |
| 17) 2-Methylphenol            | 7.122  | 107  | 348130   | 31.68  | ng    | 97       |
| 18) Hexachloroethane          | 7.386  | 117  | 168133   | 32.64  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.286  | 70   | 288643   | 31.23  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.275  | 107  | 435619   | 31.22  | ng    | 96       |
| 22) Acetophenone              | 7.281  | 105  | 576377   | 40.78  | ng    | 99       |
| 24) Nitrobenzene              | 7.451  | 77   | 442721   | 38.05  | ng    | 97       |
| 25) Isophorone                | 7.692  | 82   | 790530   | 38.78  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.769  | 139  | 230395   | 41.12  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.804  | 122  | 365246   | 42.77  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.904  | 93   | 488741   | 44.18  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 8.010  | 162  | 344153   | 40.83  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 8.098  | 180  | 371644   | 41.07  | ng    | 99       |
| 31) Naphthalene               | 8.181  | 128  | 1223446  | 39.40  | ng    | 99       |
| 32) Benzoic acid              | 7.933  | 122  | 279314   | 41.98  | ng    | 99       |
| 33) 4-Chloroaniline           | 8.222  | 127  | 175597   | 13.66  | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.298  | 225  | 204322   | 41.12  | ng    | 99       |
| 35) Caprolactam               | 8.598  | 113  | 120412m  | 40.76  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.710  | 107  | 409849   | 41.65  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 8.869  | 142  | 840042   | 40.88  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.969  | 142  | 786319   | 40.72  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.039  | 216  | 338969   | 41.78  | ng    | # 97     |
| 41) Hexachlorocyclopentadiene | 9.027  | 237  | 389735   | 105.01 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.145  | 196  | 251111   | 41.08  | ng    | 99       |

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 QLast Update : Fri Feb 12 16:59:49 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.192  | 196  | 267907   | 40.29 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.333  | 154  | 978052   | 41.36 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.363  | 162  | 748302   | 39.57 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.457  | 65   | 247904   | 39.11 | ng    | 96       |
| 49) Acenaphthylene            | 9.780  | 152  | 1203305  | 39.55 | ng    | 99       |
| 50) Dimethylphthalate         | 9.639  | 163  | 1009024  | 47.53 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.698  | 165  | 208202   | 40.77 | ng    | 92       |
| 52) Acenaphthene              | 9.951  | 154  | 866110m  | 43.76 | ng    |          |
| 53) 3-Nitroaniline            | 9.863  | 138  | 143517   | 23.64 | ng    | 93       |
| 54) 2,4-Dinitrophenol         | 9.975  | 184  | 222433   | 82.15 | ng    | 95       |
| 55) Dibenzofuran              | 10.122 | 168  | 1055085  | 39.42 | ng    | 96       |
| 56) 4-Nitrophenol             | 10.033 | 139  | 386288   | 77.43 | ng    | 91       |
| 57) 2,4-Dinitrotoluene        | 10.104 | 165  | 280959   | 40.74 | ng    | 98       |
| 58) Fluorene                  | 10.469 | 166  | 847008   | 40.78 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232  | 227394   | 43.20 | ng    | # 88     |
| 60) Diethylphthalate          | 10.339 | 149  | 928295   | 43.09 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.457 | 204  | 395025   | 42.70 | ng    | 95       |
| 62) 4-Nitroaniline            | 10.486 | 138  | 227504   | 37.17 | ng    | 96       |
| 63) Azobenzene                | 10.616 | 77   | 868791   | 38.56 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198  | 147031   | 40.46 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 10.574 | 169  | 754489   | 39.59 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.945 | 248  | 247593   | 41.32 | ng    | # 88     |
| 68) Hexachlorobenzene         | 11.016 | 284  | 276421   | 42.16 | ng    | 94       |
| 69) Atrazine                  | 11.104 | 200  | 207304   | 36.48 | ng    | 96       |
| 70) Pentachlorophenol         | 11.210 | 266  | 345141   | 84.46 | ng    | 99       |
| 71) Phenanthrene              | 11.433 | 178  | 1320367  | 39.73 | ng    | 99       |
| 72) Anthracene                | 11.486 | 178  | 1342633  | 40.43 | ng    | 99       |
| 73) Carbazole                 | 11.633 | 167  | 1197098  | 37.83 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.968 | 149  | 1502957  | 44.16 | ng    | 99       |
| 75) Fluoranthene              | 12.621 | 202  | 1396424  | 41.83 | ng    | 99       |
| 77) Benzidine                 | 12.745 | 184  | 384733   | 24.15 | ng    | 100      |
| 78) Pyrene                    | 12.857 | 202  | 1403527  | 42.23 | ng    | 98       |
| 80) Butylbenzylphthalate      | 13.474 | 149  | 670797   | 45.64 | ng    | 93       |
| 81) Benzo(a)anthracene        | 14.045 | 228  | 1229410  | 40.60 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 14.004 | 252  | 304409   | 29.01 | ng    | # 95     |
| 83) Chrysene                  | 14.086 | 228  | 1203222  | 40.31 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149  | 918511   | 48.15 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.651 | 149  | 1547198  | 47.15 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.021 | 276  | 1035314  | 40.75 | ng    | 96       |
| 88) Benzo(b)fluoranthene      | 15.104 | 252  | 1110917  | 42.76 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.133 | 252  | 1040994  | 43.61 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.474 | 252  | 937077   | 40.34 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 17.039 | 278  | 874405   | 40.58 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.474 | 276  | 852752   | 40.68 | ng    | 97       |

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

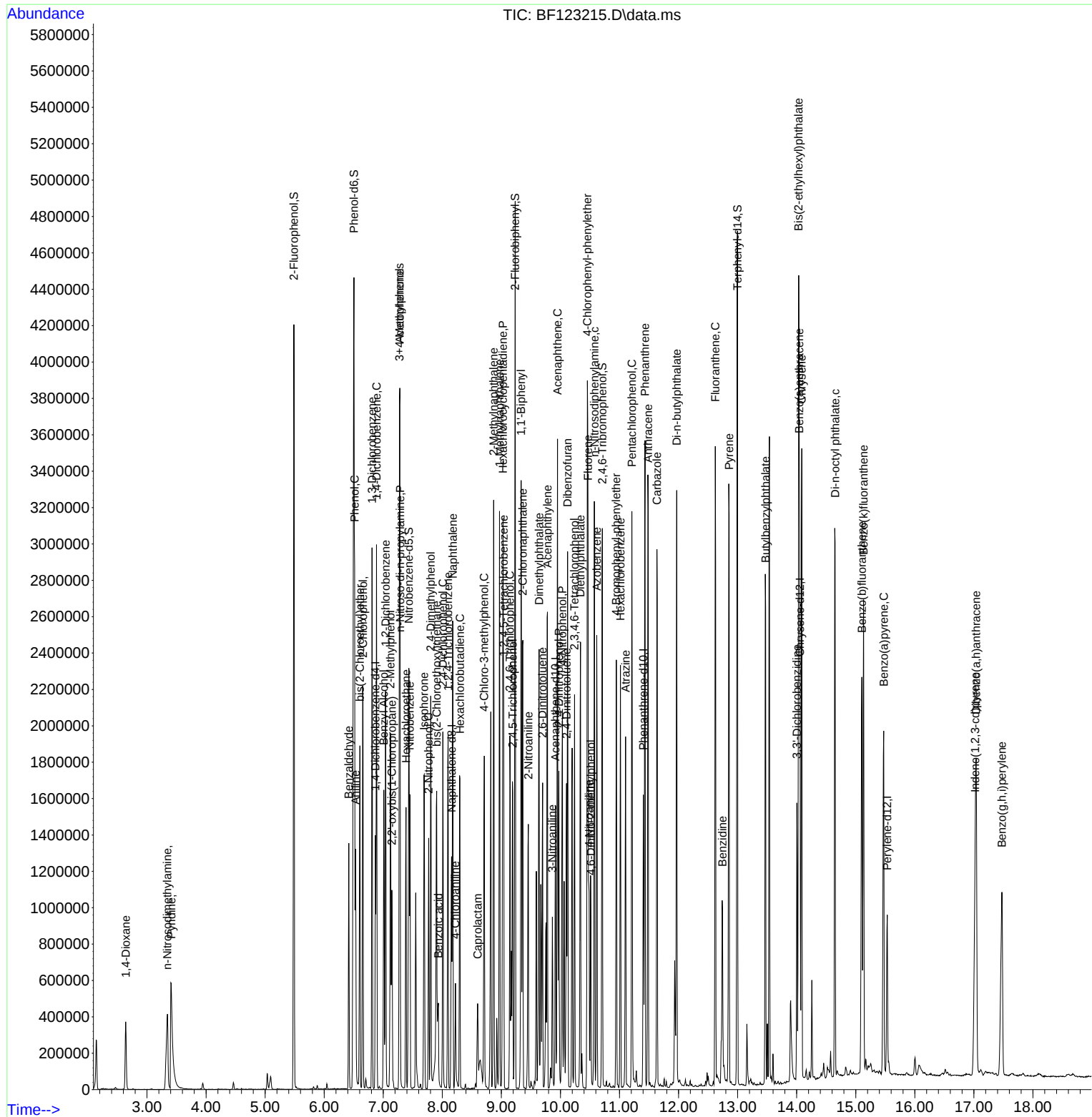
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021721\  
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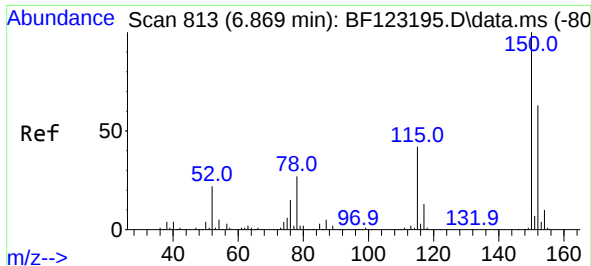
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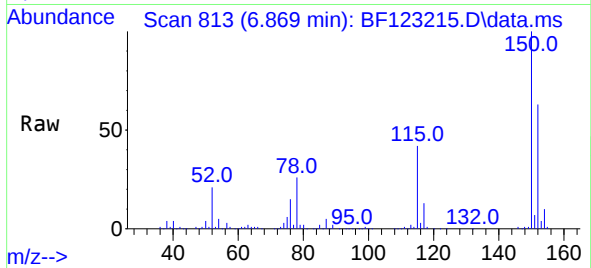
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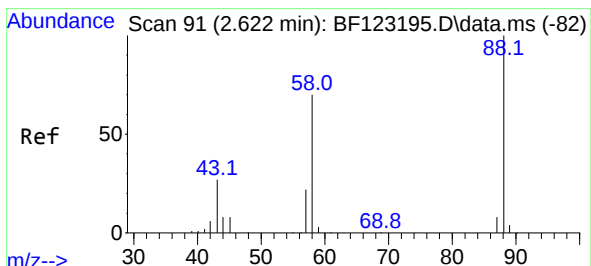
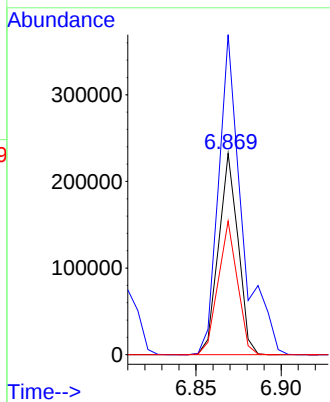
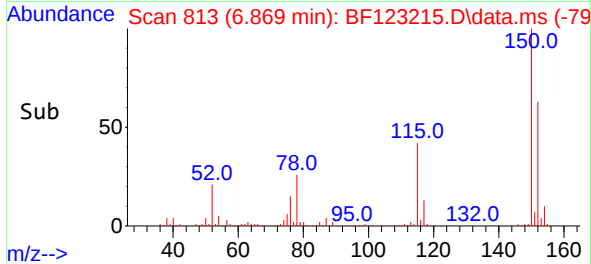




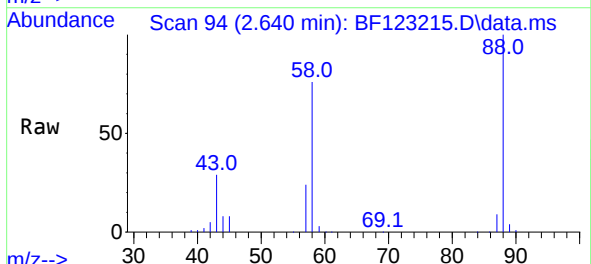
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.869 min Scan# 813  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42



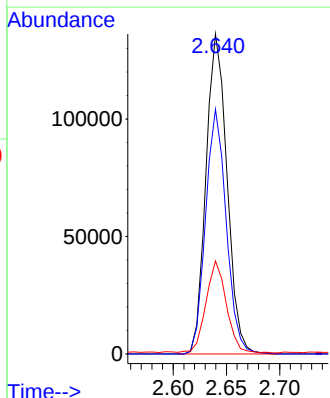
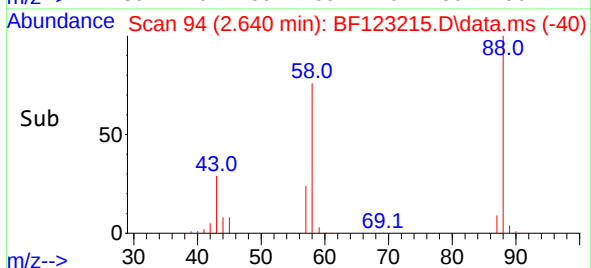
Tgt Ion:152 Resp: 185057  
Ion Ratio Lower Upper  
152 100  
150 159.0 125.8 188.6  
115 66.4 49.3 73.9



#2  
1,4-Dioxane  
Concen: 32.90 ng  
RT: 2.640 min Scan# 94  
Delta R.T. 0.018 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42



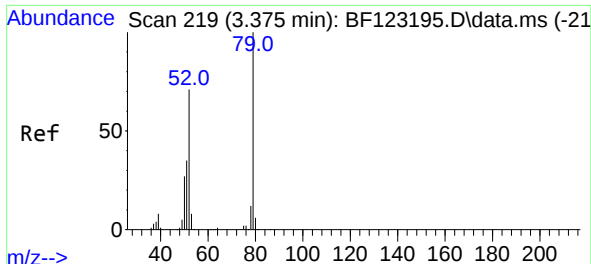
Tgt Ion: 88 Resp: 187150  
Ion Ratio Lower Upper  
88 100  
58 75.2 56.2 84.2  
43 28.1 21.8 32.6



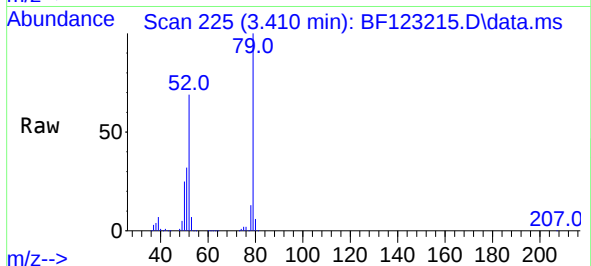
Instrument :  
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ClientSampleId :  
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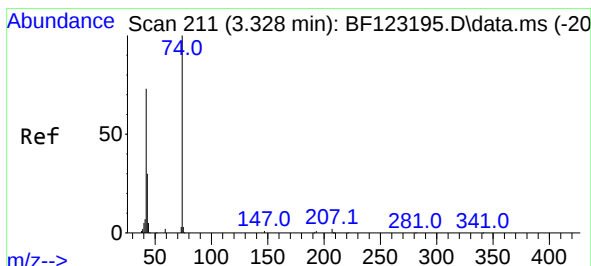
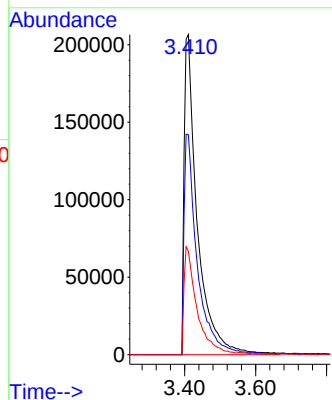
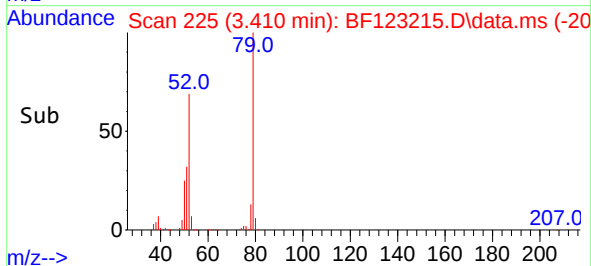
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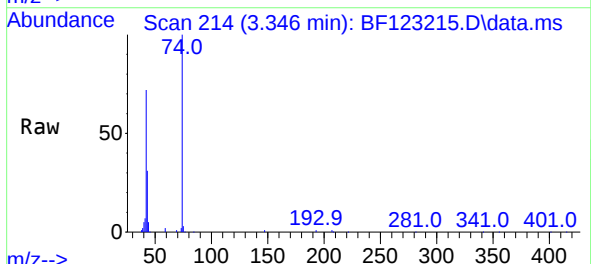
#3  
Pyridine  
Concen: 35.95 ng  
RT: 3.410 min Scan# 225  
Delta R.T. 0.035 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42



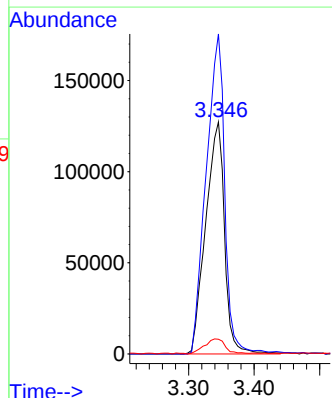
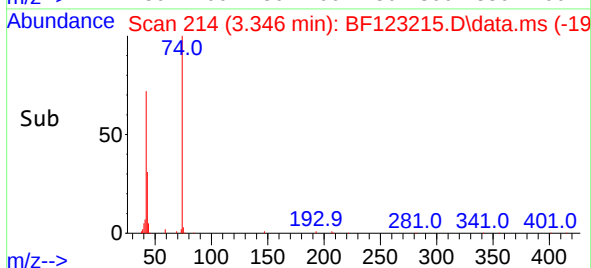
Tgt Ion: 79 Resp: 528537  
Ion Ratio Lower Upper  
79 100  
52 68.8 53.0 79.4  
51 32.3 26.6 39.8



#4  
n-Nitrosodimethylamine  
Concen: 40.21 ng  
RT: 3.346 min Scan# 214  
Delta R.T. 0.018 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42



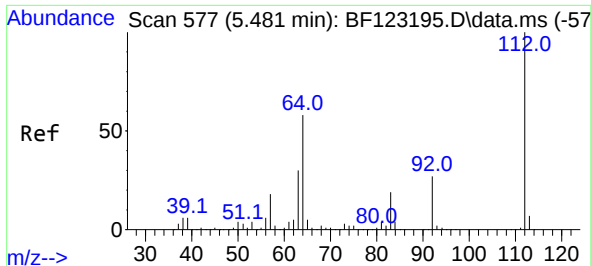
Tgt Ion: 42 Resp: 254789  
Ion Ratio Lower Upper  
42 100  
74 137.9 115.2 172.8  
44 6.3 5.4 8.0



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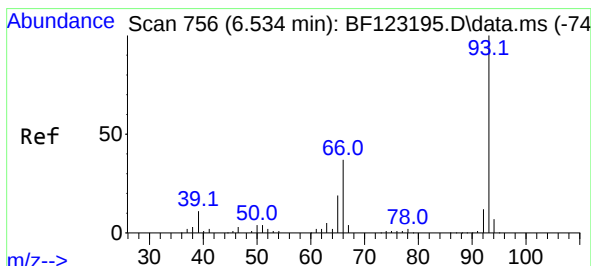
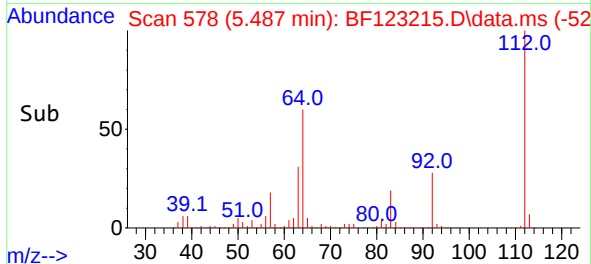
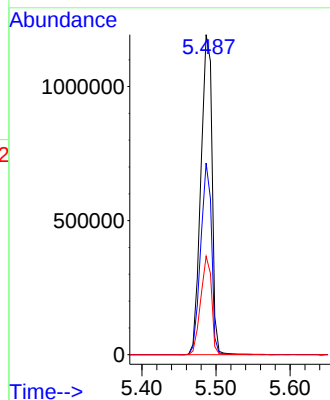
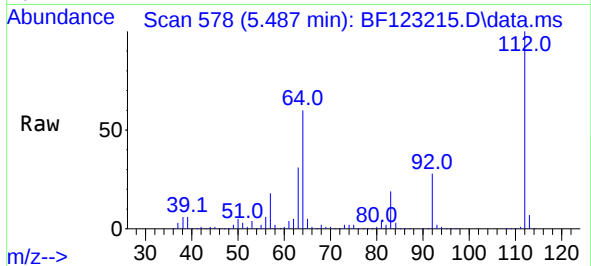
#5  
2-Fluorophenol  
Concen: 102.58 ng  
RT: 5.487 min Scan# 578  
Delta R.T. 0.006 min  
Lab File: BF123215.D  
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Tgt Ion:112 Resp: 1252342  
Ion Ratio Lower Upper  
112 100  
64 59.9 46.9 70.3  
63 30.7 24.5 36.7

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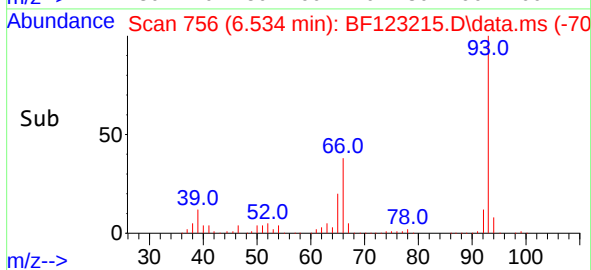
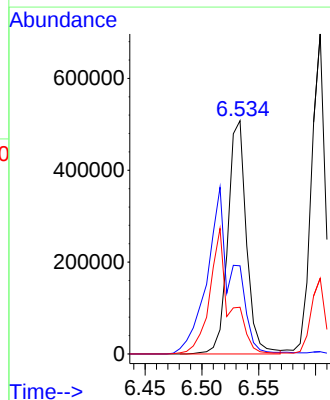
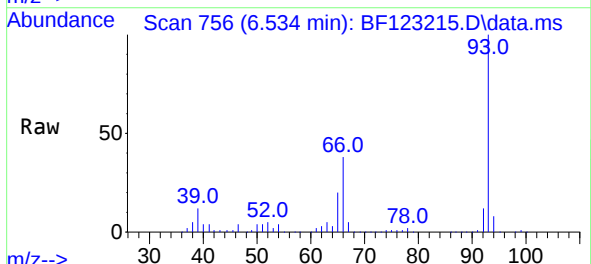
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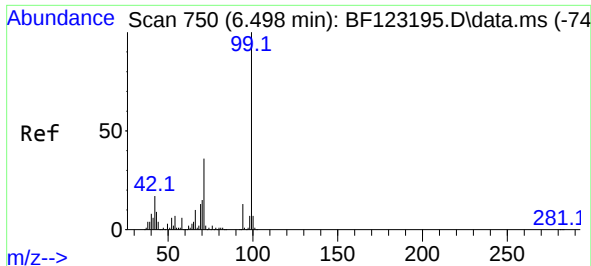
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#6  
Aniline  
Concen: 30.04 ng  
RT: 6.534 min Scan# 756  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42

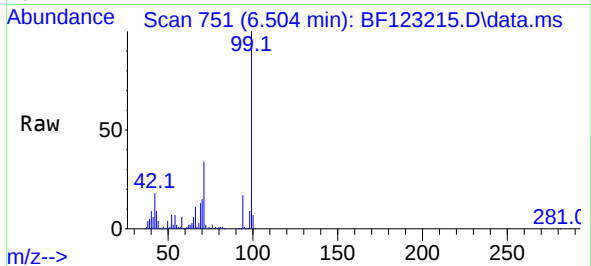
Tgt Ion: 93 Resp: 576433  
Ion Ratio Lower Upper  
93 100  
66 37.8 31.3 46.9  
65 20.1 15.6 23.4





#7  
Phenol-d6  
Concen: 113.06 ng  
RT: 6.504 min Scan# 751  
Delta R.T. 0.006 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42

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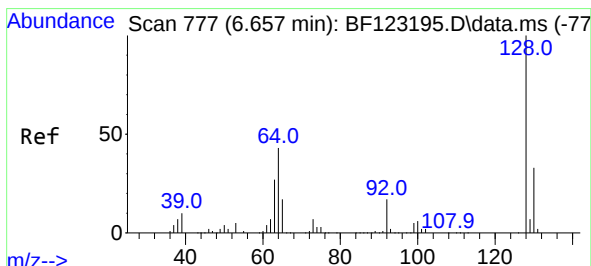
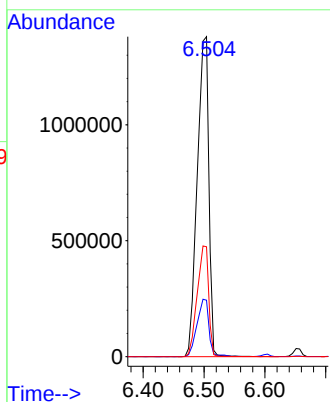
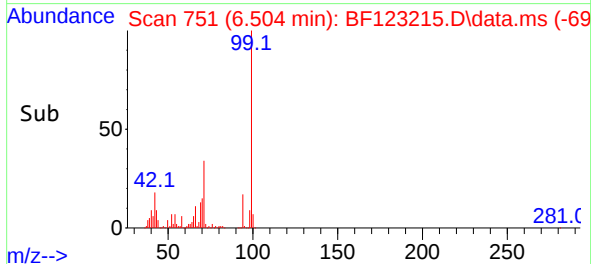


Tgt Ion: 99 Resp: 1822929

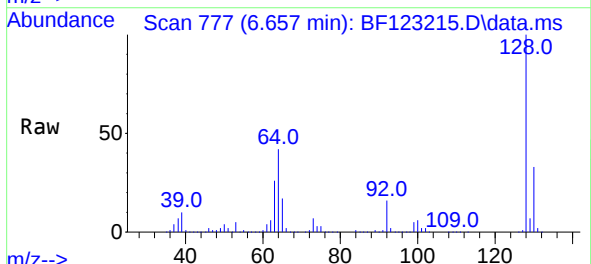
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|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.6  | 13.8  | 20.6  |
| 71  | 34.4  | 26.9  | 40.3  |

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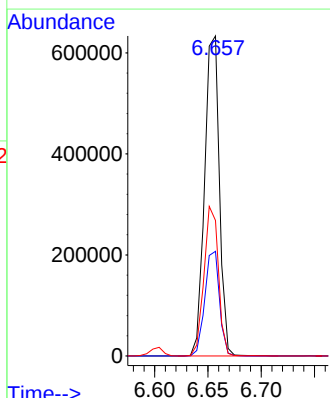
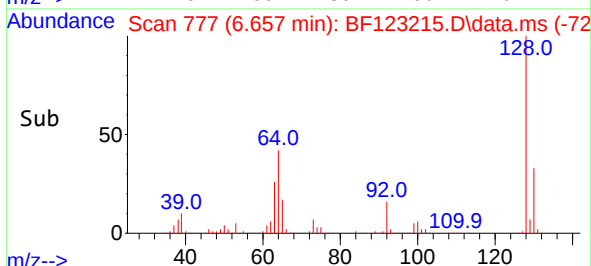


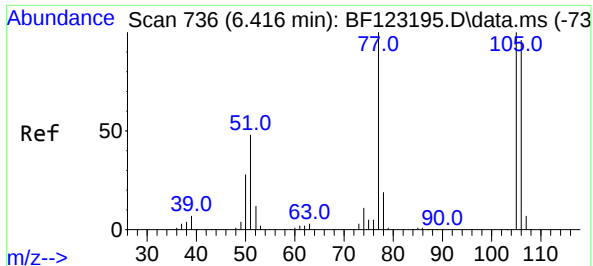
#8  
2-Chlorophenol  
Concen: 44.85 ng  
RT: 6.657 min Scan# 777  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42



Tgt Ion: 128 Resp: 613950

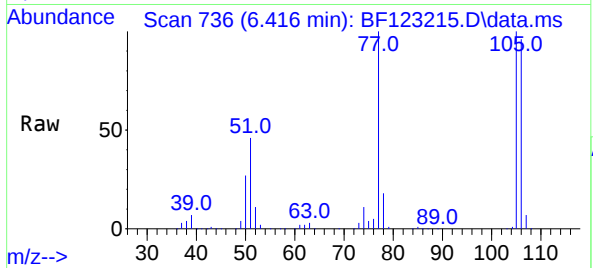
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.7  | 12.3  | 52.3  |
| 64  | 42.3  | 25.5  | 65.5  |





#9  
Benzaldehyde  
Concen: 24.49 ng  
RT: 6.416 min Scan# 736  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42

Instrument :  
BNA\_F  
ClientSampleId :  
BU-03-021621MS

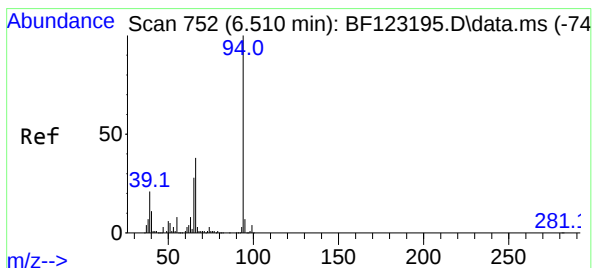
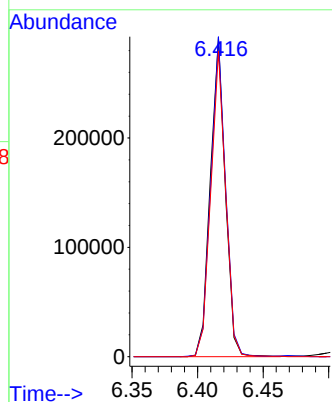


Tgt Ion: 77 Resp: 231777

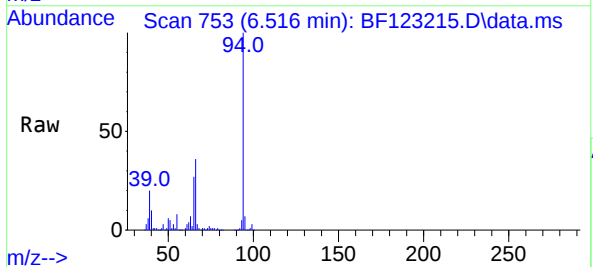
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 105 | 100.2 | 80.6  | 120.6 |
| 106 | 95.7  | 77.2  | 117.2 |

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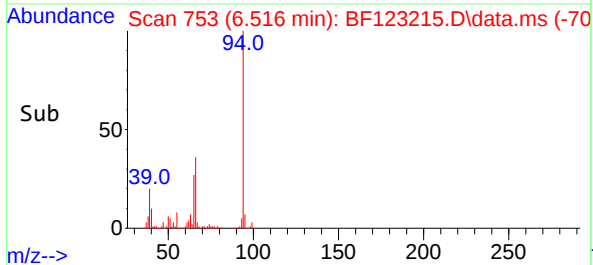
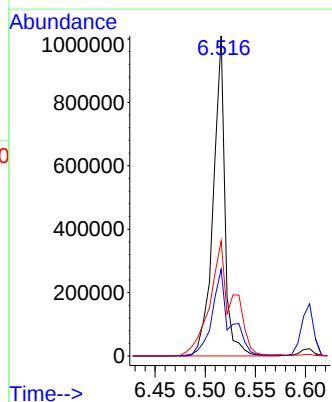


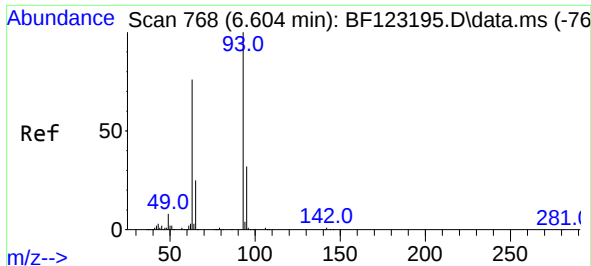
#10  
Phenol  
Concen: 46.63 ng  
RT: 6.516 min Scan# 753  
Delta R.T. 0.006 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42



Tgt Ion: 94 Resp: 825439

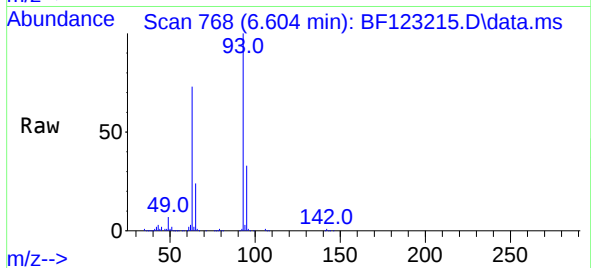
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 27.1  | 11.2  | 51.2  |
| 66  | 36.0  | 25.8  | 65.8  |





#11  
bis(2-Chloroethyl)ether  
Concen: 47.40 ng  
RT: 6.604 min Scan# 768  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42

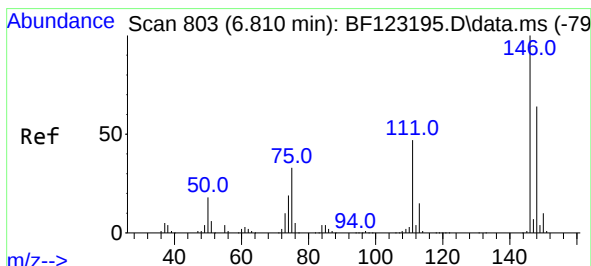
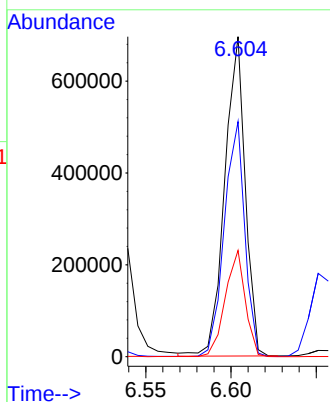
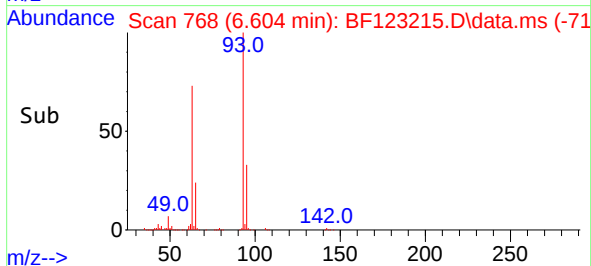
Instrument :  
BNA\_F  
ClientSampleId :  
BU-03-021621MS



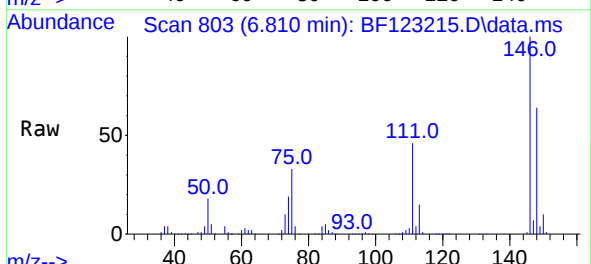
Tgt Ion: 93 Resp: 582554  
Ion Ratio Lower Upper  
93 100  
63 73.5 52.6 92.6  
95 33.2 12.6 52.6

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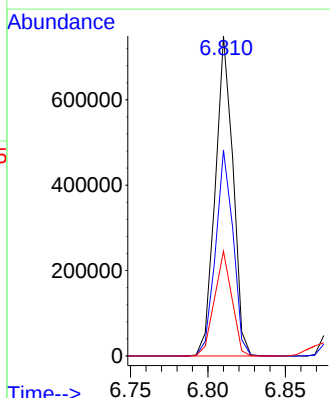
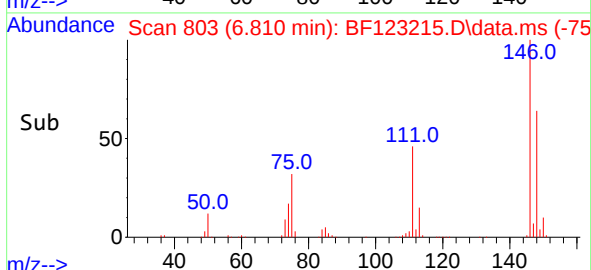
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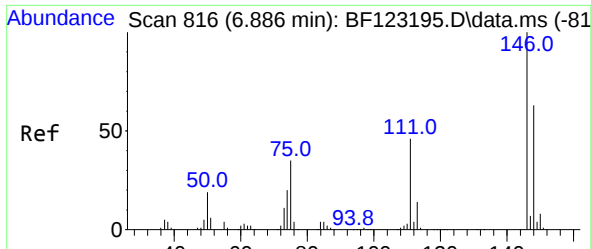


#12  
1,3-Dichlorobenzene  
Concen: 41.89 ng  
RT: 6.810 min Scan# 803  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42

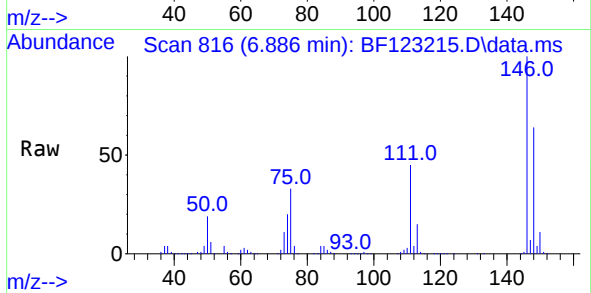


Tgt Ion: 146 Resp: 596350  
Ion Ratio Lower Upper  
146 100  
148 64.3 51.8 77.8  
75 32.8 22.5 33.7

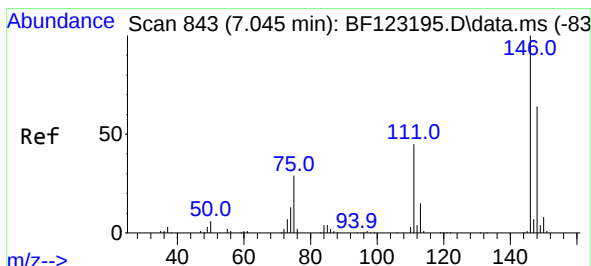
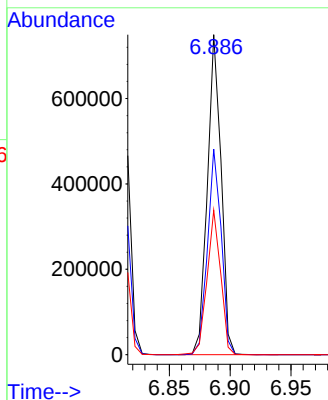
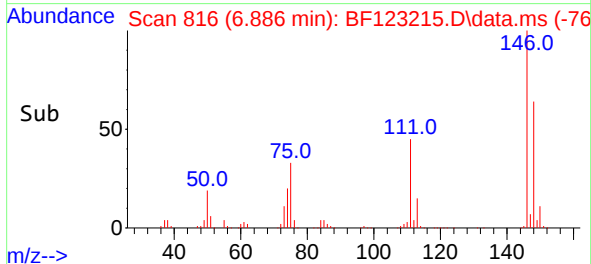




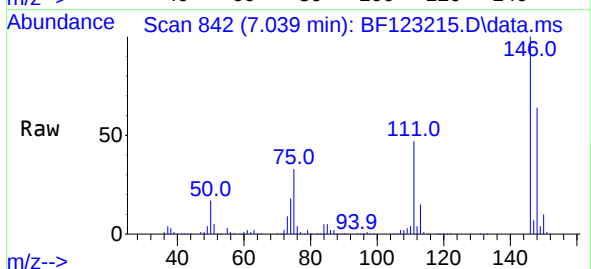
#13  
1,4-Dichlorobenzene  
Concen: 40.37 ng  
RT: 6.886 min Scan# 816  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42



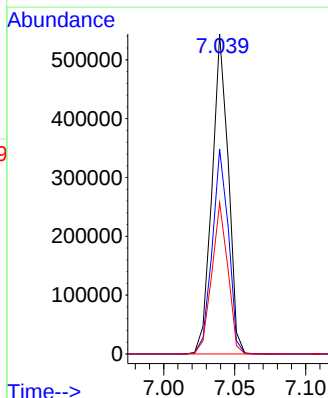
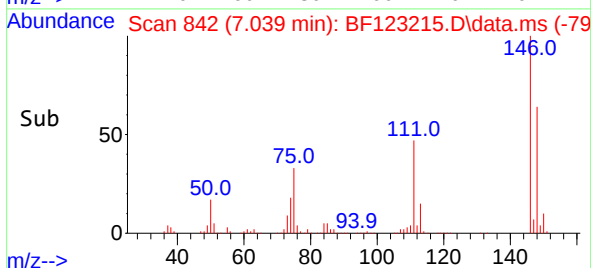
Tgt Ion:146 Resp: 583939  
Ion Ratio Lower Upper  
146 100  
148 64.2 52.0 78.0  
111 45.2 32.3 48.5



#14  
1,2-Dichlorobenzene  
Concen: 32.04 ng  
RT: 7.039 min Scan# 842  
Delta R.T. -0.006 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42



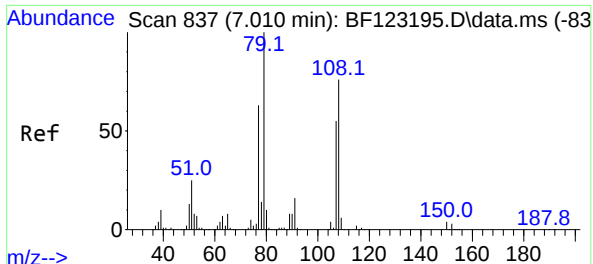
Tgt Ion:146 Resp: 432124  
Ion Ratio Lower Upper  
146 100  
148 64.0 51.5 77.3  
111 47.3 34.2 51.2



Instrument :  
BNA\_F  
ClientSampleId :  
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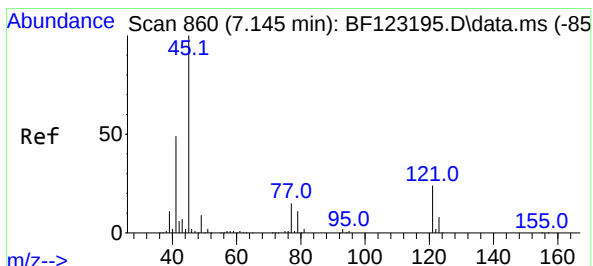
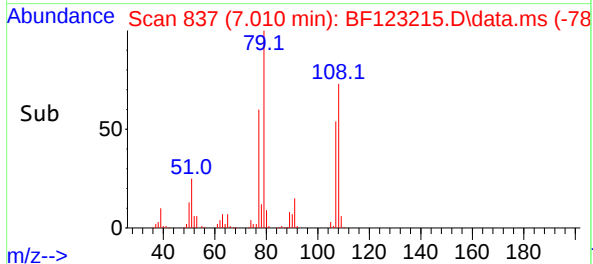
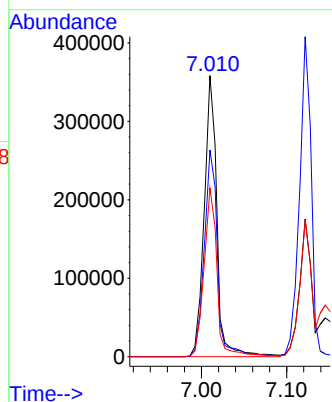
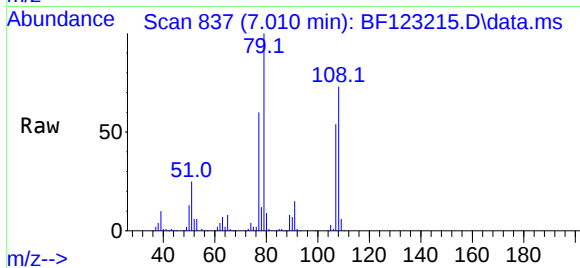
#15  
Benzyl Alcohol  
Concen: 31.58 ng  
RT: 7.010 min Scan# 837  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42

Tgt Ion: 79 Resp: 369372  
Ion Ratio Lower Upper  
79 100  
108 73.4 62.4 93.6  
77 60.0 49.0 73.6

Instrument :  
BNA\_F  
ClientSampleId :  
BU-03-021621MS

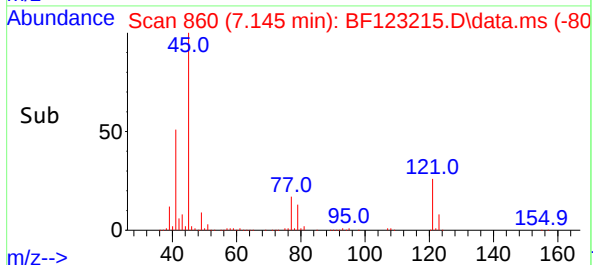
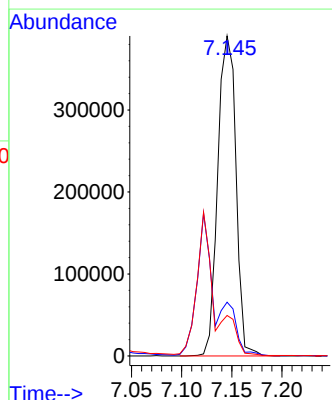
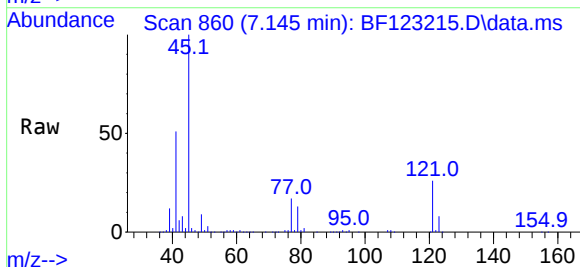
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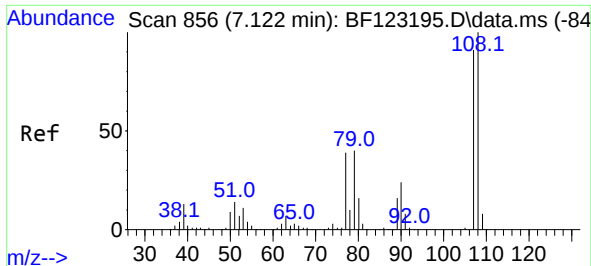
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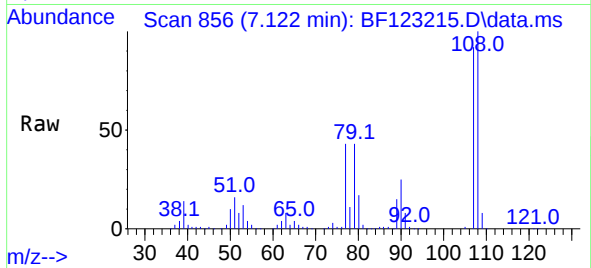
#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 30.91 ng  
RT: 7.145 min Scan# 860  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42

Tgt Ion: 45 Resp: 490645  
Ion Ratio Lower Upper  
45 100  
77 16.8 0.0 35.6  
79 12.6 0.0 32.4

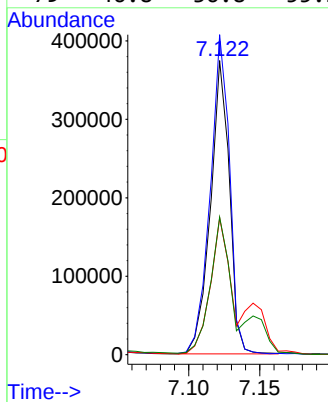
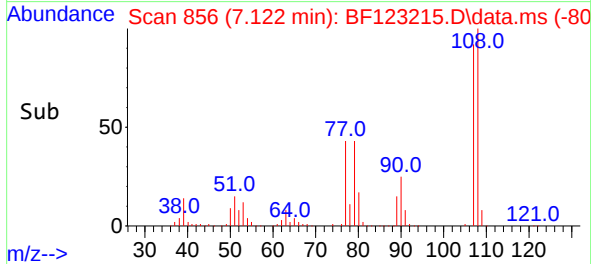




#17  
2-Methylphenol  
Concen: 31.68 ng  
RT: 7.122 min Scan# 856  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42



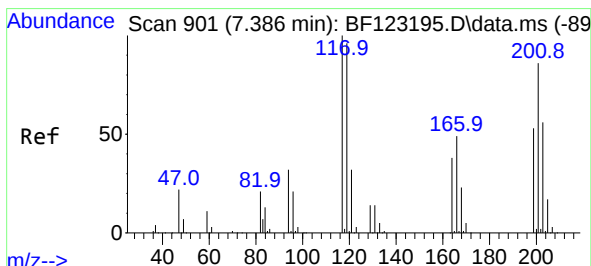
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 348130 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 108.8 | 91.1  | 136.7  |
| 77       | 46.4  | 36.3  | 54.5   |
| 79       | 46.8  | 36.8  | 55.2   |



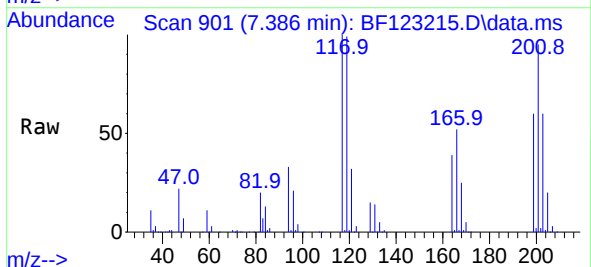
Instrument :  
BNA\_F  
ClientSampleId :  
BU-03-021621MS

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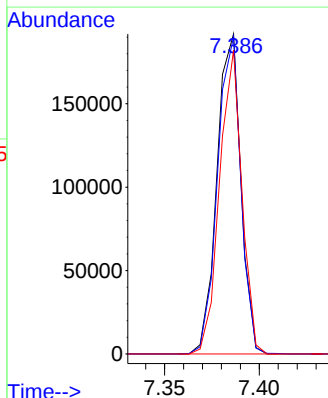
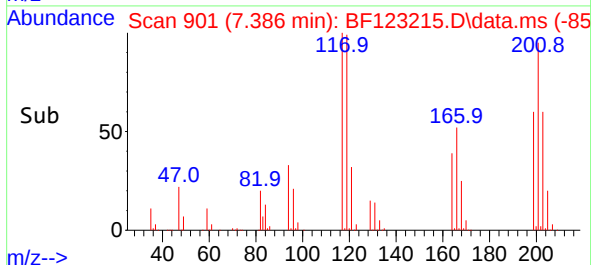
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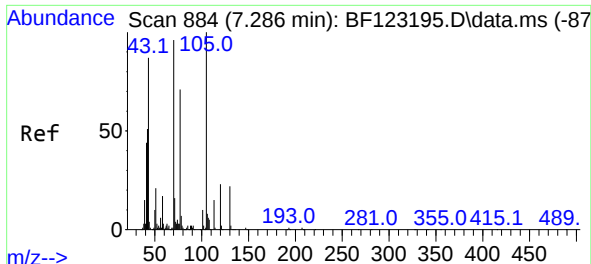


#18  
Hexachloroethane  
Concen: 32.64 ng  
RT: 7.386 min Scan# 901  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 168133 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 99.2  | 78.4  | 117.6  |
| 201      | 95.0  | 79.6  | 119.4  |





#19  
n-Nitroso-di-n-propylamine  
Concen: 31.23 ng  
RT: 7.286 min Scan# 884  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42

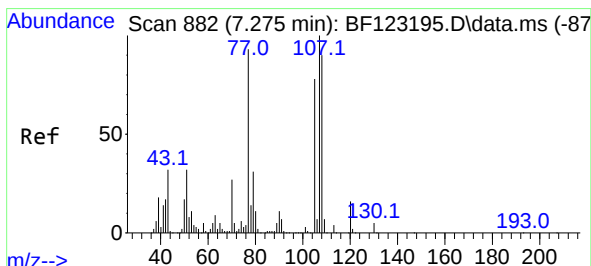
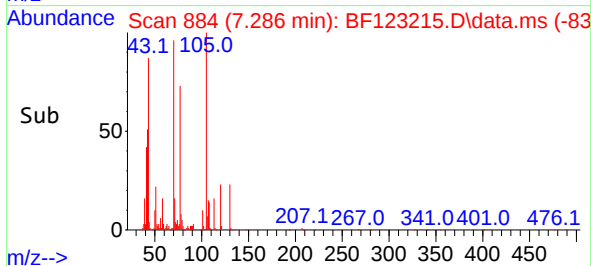
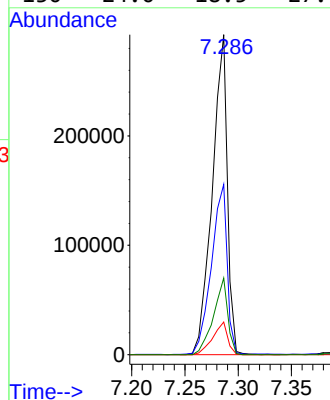
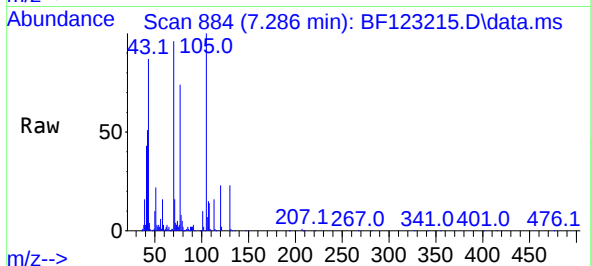
Tgt Ion: 70 Resp: 288643

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 53.2  | 43.0  | 64.4  |
| 101 | 10.2  | 7.9   | 11.9  |
| 130 | 24.0  | 18.5  | 27.7  |

Instrument :  
BNA\_F  
ClientSampleId :  
BU-03-021621MS

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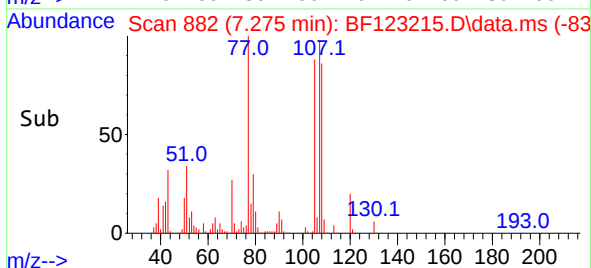
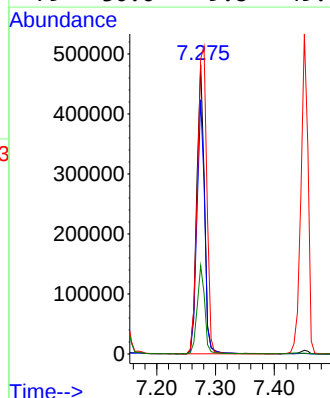
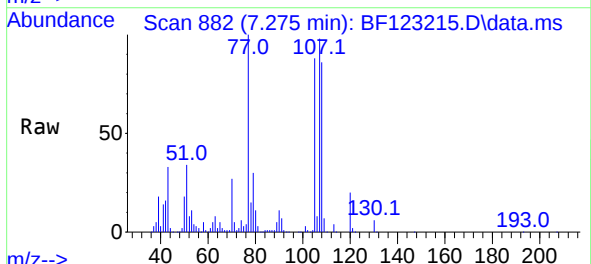
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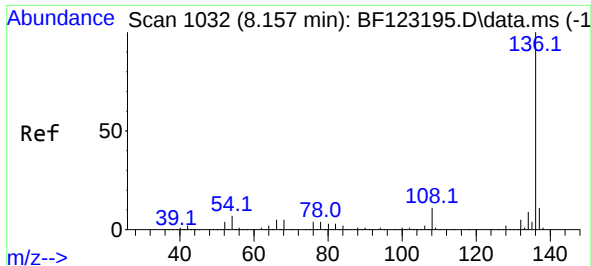


#20  
3+4-Methylphenols  
Concen: 31.22 ng  
RT: 7.275 min Scan# 882  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42

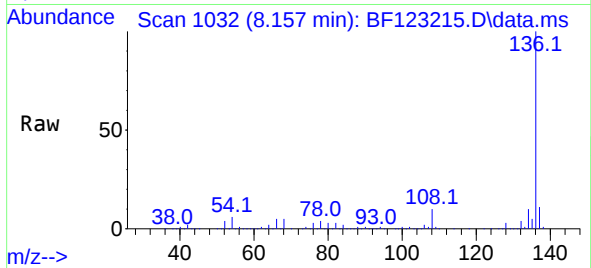
Tgt Ion: 107 Resp: 435619

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 87.9  | 68.7  | 108.7 |
| 77  | 102.0 | 89.8  | 129.8 |
| 79  | 30.6  | 9.8   | 49.8  |

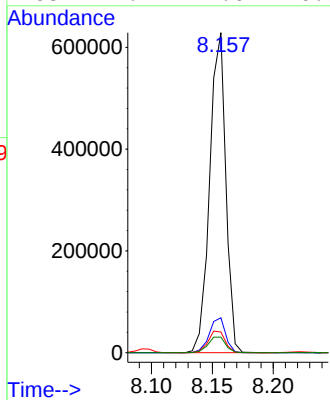
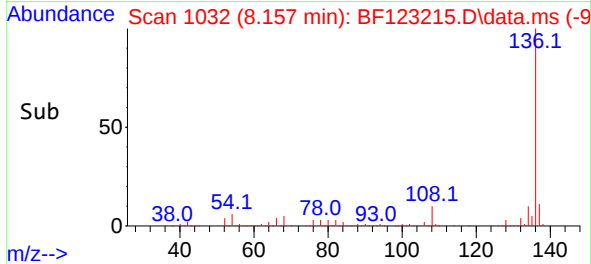




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.157 min Scan# 1032  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42



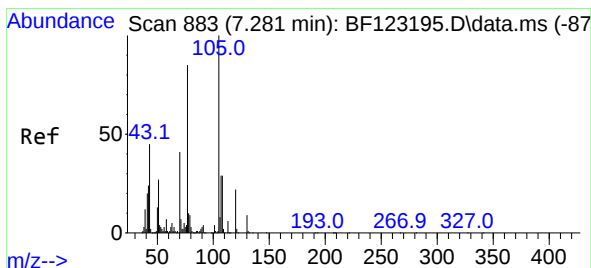
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 576810 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.9  | 8.8   | 13.2   |
| 54        | 6.5   | 5.5   | 8.3    |
| 68        | 4.9   | 4.6   | 6.8    |



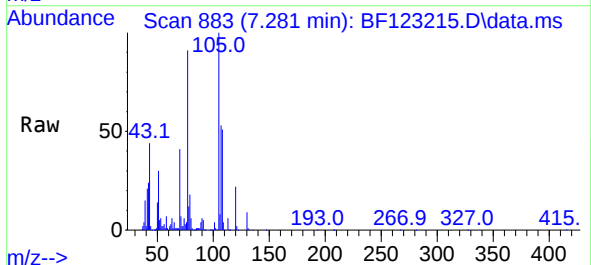
Instrument :  
BNA\_F  
ClientSampleId :  
BU-03-021621MS

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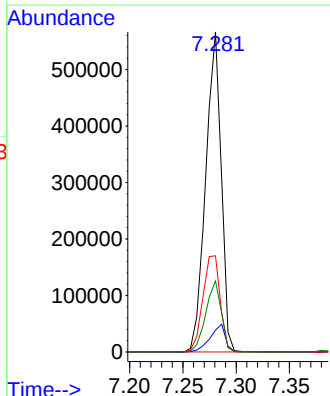
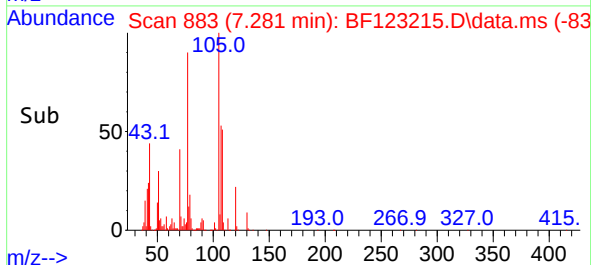
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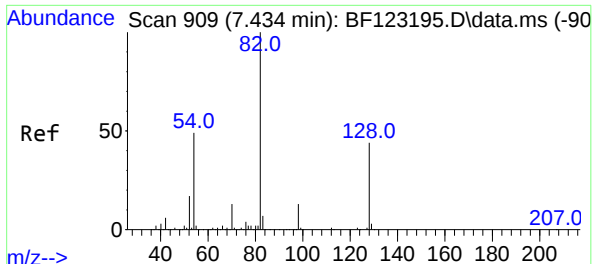


#22  
Acetophenone  
Concen: 40.78 ng  
RT: 7.281 min Scan# 883  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 576377 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 6.8   | 6.5   | 9.7    |
| 51        | 30.1  | 24.3  | 36.5   |
| 120       | 22.2  | 18.1  | 27.1   |





#23

Nitrobenzene-d5

Concen: 73.68 ng

RT: 7.433 min Scan# 909

Delta R.T. -0.000 min

Lab File: BF123215.D

Acq: 17 Feb 2021 16:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 808818 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 44.6  | 37.0  | 55.4   |
| 54       | 46.9  | 38.4  | 57.6   |

Instrument :

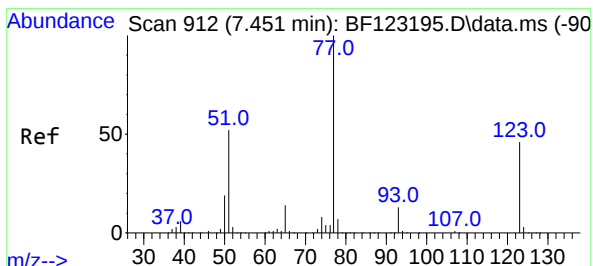
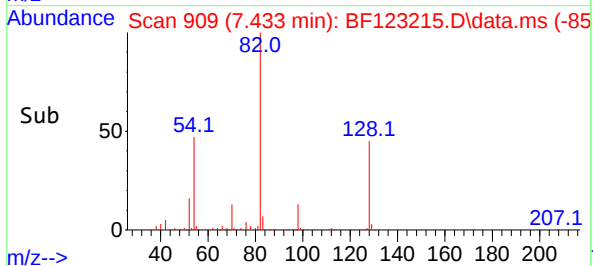
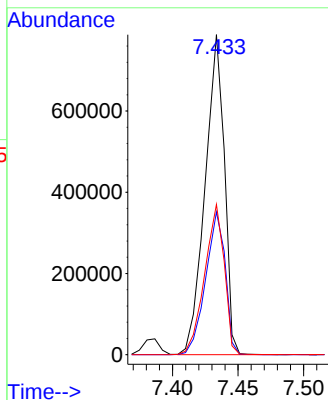
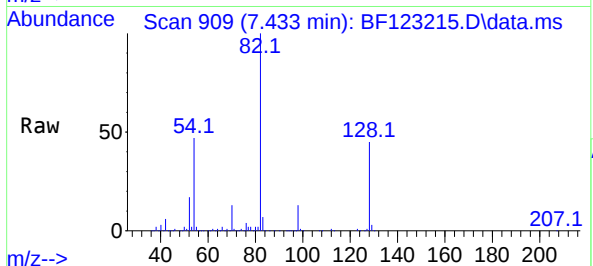
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#24

Nitrobenzene

Concen: 38.05 ng

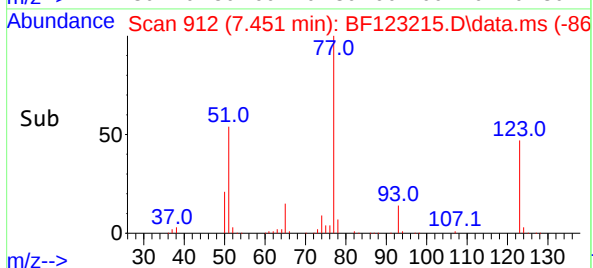
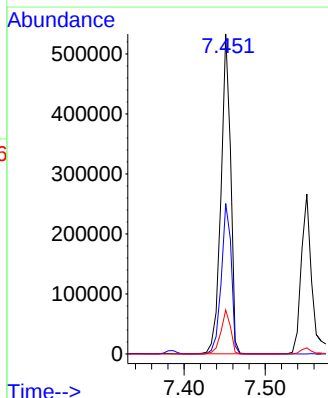
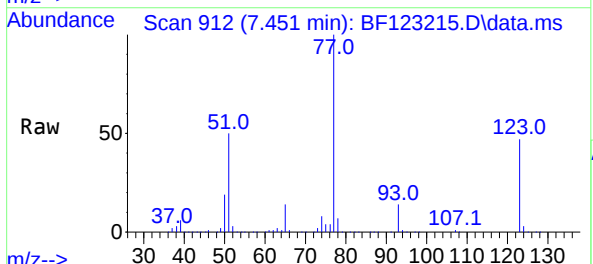
RT: 7.451 min Scan# 912

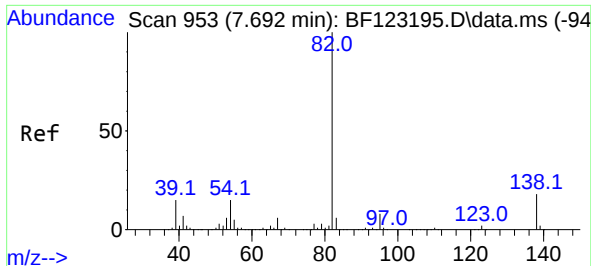
Delta R.T. -0.000 min

Lab File: BF123215.D

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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 442721 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 123      | 47.0  | 39.3  | 58.9   |
| 65       | 13.7  | 10.6  | 15.8   |





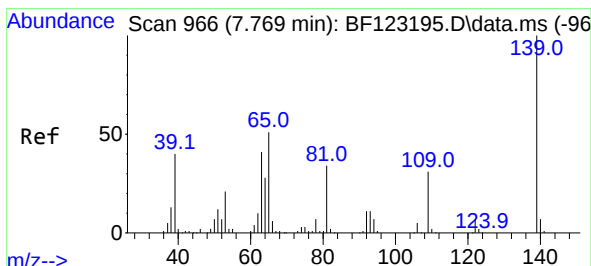
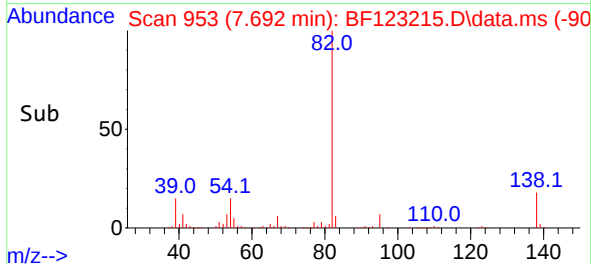
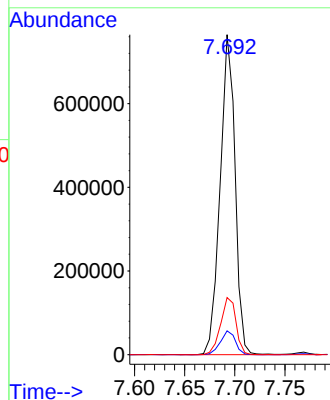
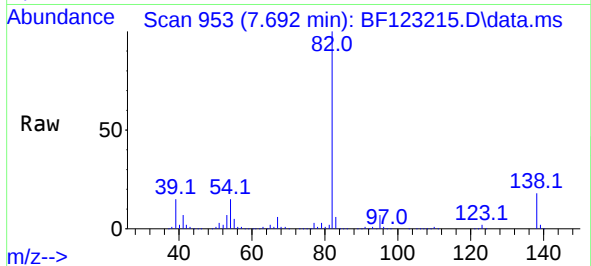
#25  
Isophorone  
Concen: 38.78 ng  
RT: 7.692 min Scan# 953  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
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Tgt Ion: 82 Resp: 790530  
Ion Ratio Lower Upper  
82 100  
95 7.5 5.8 8.6  
138 17.9 14.6 21.8

Instrument :  
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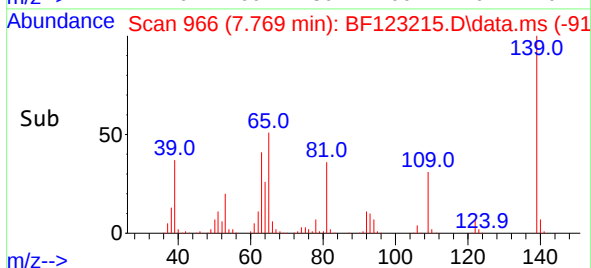
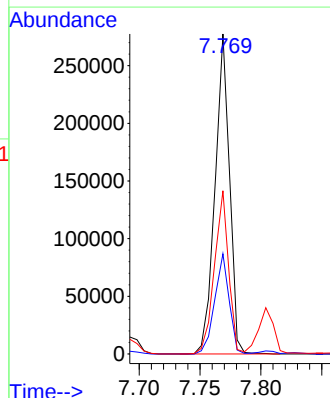
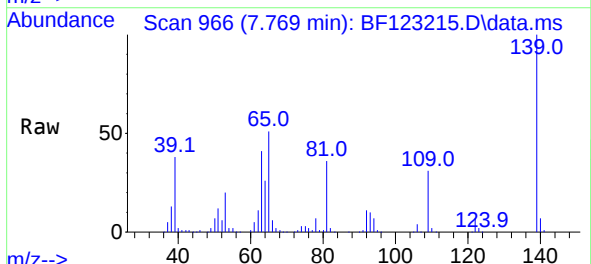
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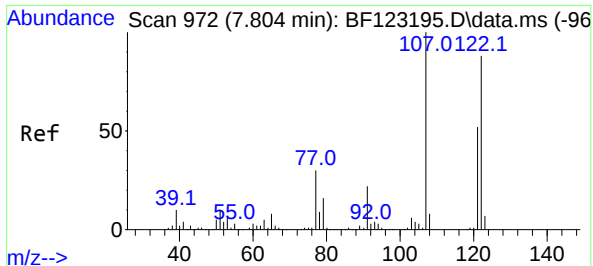
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#26  
2-Nitrophenol  
Concen: 41.12 ng  
RT: 7.769 min Scan# 966  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
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Tgt Ion:139 Resp: 230395  
Ion Ratio Lower Upper  
139 100  
109 31.3 24.0 36.0  
65 51.0 40.9 61.3





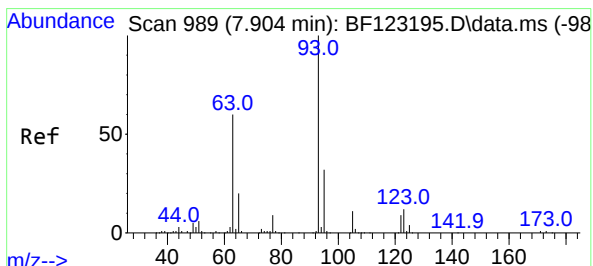
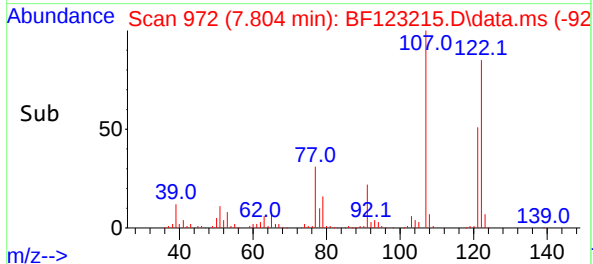
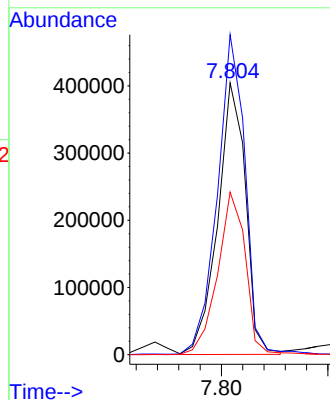
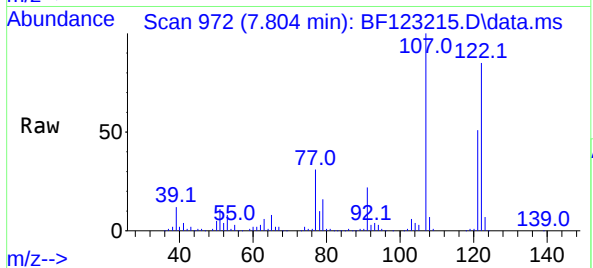
#27  
2,4-Dimethylphenol  
Concen: 42.77 ng  
RT: 7.804 min Scan# 972  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 122   | Resp: | 365246 |
| Ion      | Ratio | Lower | Upper  |
| 122      | 100   |       |        |
| 107      | 117.7 | 91.8  | 137.8  |
| 121      | 59.8  | 47.3  | 70.9   |

Instrument :  
BNA\_F  
ClientSampleId :  
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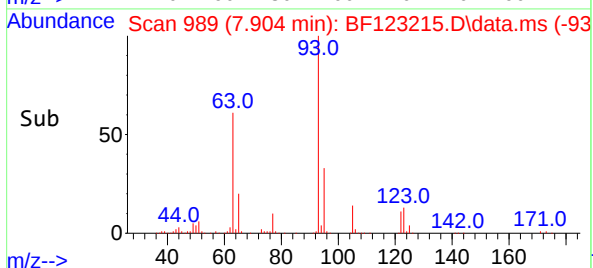
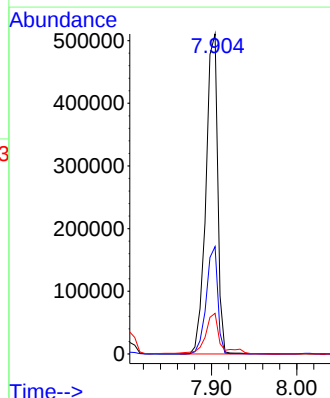
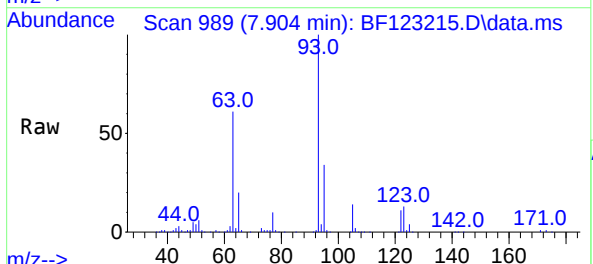
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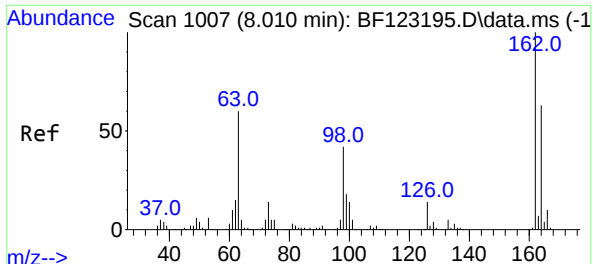
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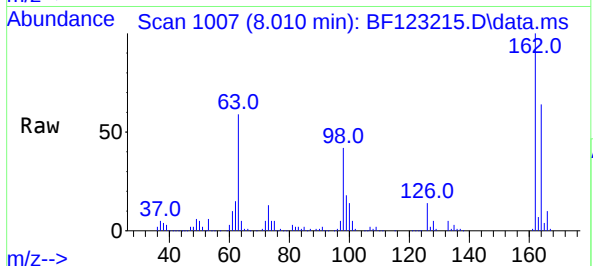
#28  
bis(2-Chloroethoxy)methane  
Concen: 44.18 ng  
RT: 7.904 min Scan# 989  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 488741 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 95       | 33.6  | 26.2  | 39.2   |
| 123      | 12.7  | 9.2   | 13.8   |

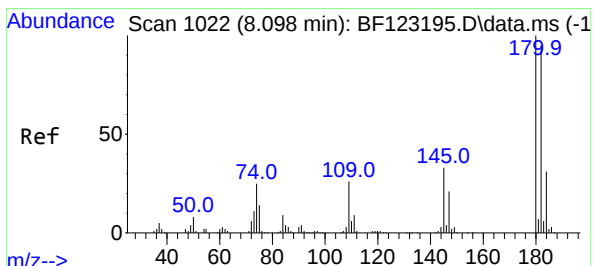
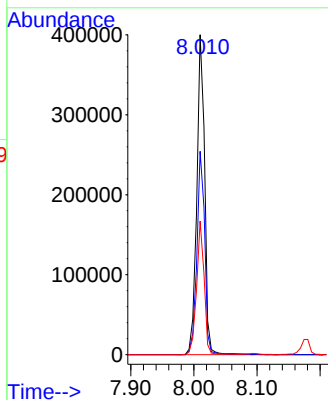
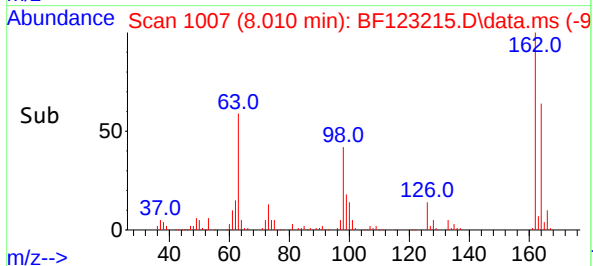




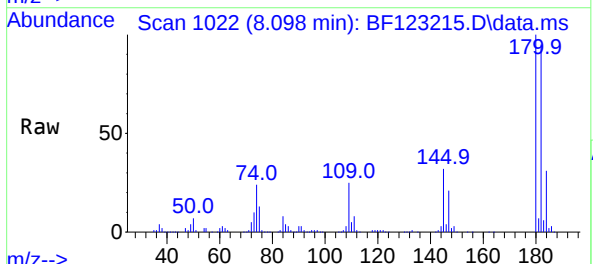
#29  
2,4-Dichlorophenol  
Concen: 40.83 ng  
RT: 8.010 min Scan# 1007  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
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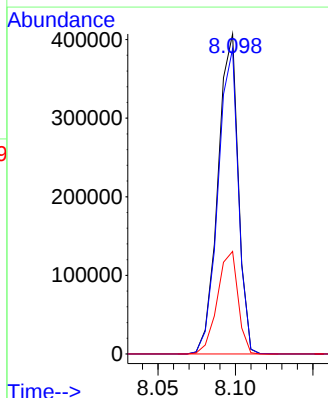
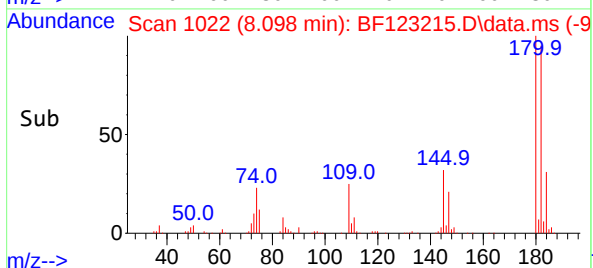
Tgt Ion:162 Resp: 344153  
Ion Ratio Lower Upper  
162 100  
164 63.5 43.2 83.2  
98 41.8 15.2 55.2



#30  
1,2,4-Trichlorobenzene  
Concen: 41.07 ng  
RT: 8.098 min Scan# 1022  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
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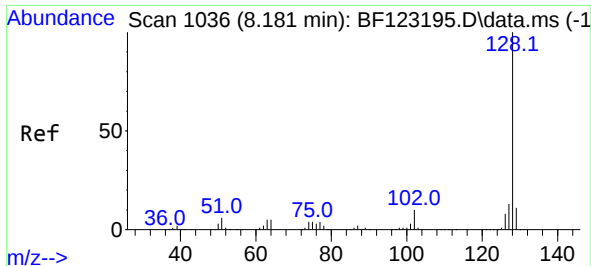
Tgt Ion:180 Resp: 371644  
Ion Ratio Lower Upper  
180 100  
182 95.4 75.7 113.5  
145 32.1 25.0 37.4



Instrument :  
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ClientSampleId :  
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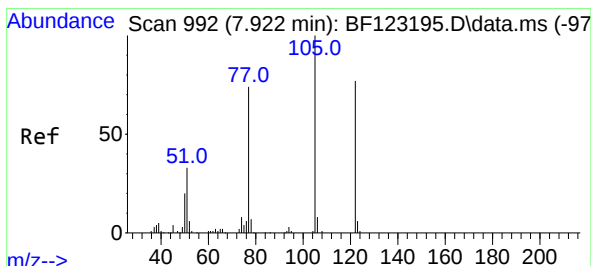
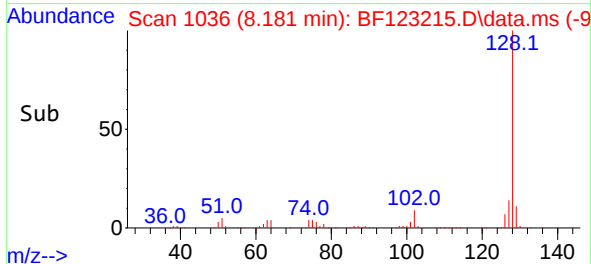
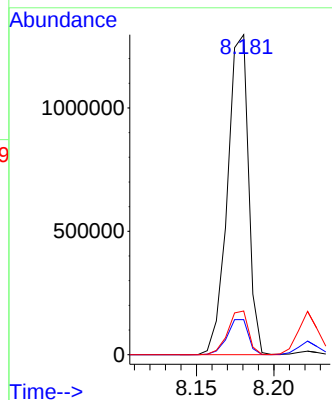
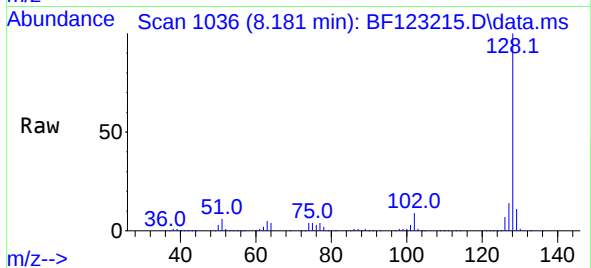
#31  
Naphthalene  
Concen: 39.40 ng  
RT: 8.181 min Scan# 1036  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42

Tgt Ion:128 Resp: 1223446  
Ion Ratio Lower Upper  
128 100  
129 11.0 9.0 13.6  
127 13.6 10.7 16.1

Instrument :  
BNA\_F  
ClientSampleId :  
BU-03-021621MS

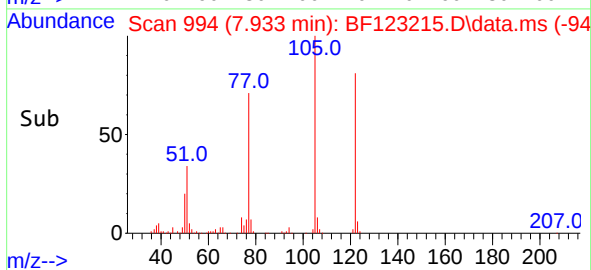
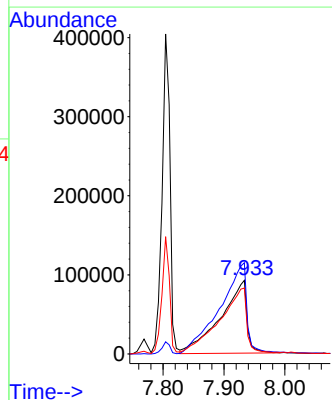
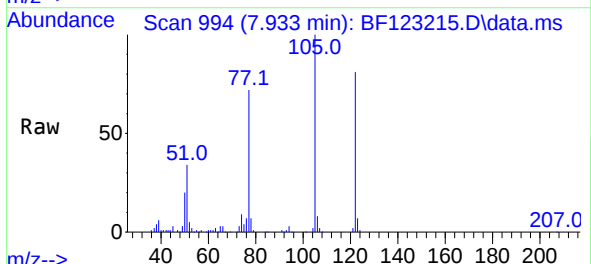
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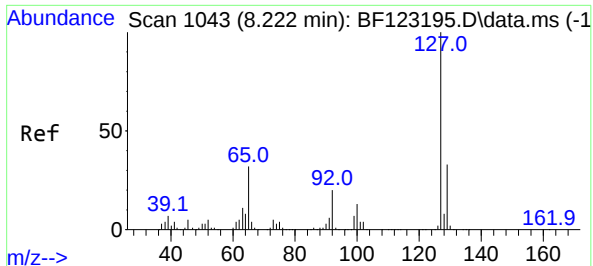
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#32  
Benzoic acid  
Concen: 41.98 ng  
RT: 7.933 min Scan# 994  
Delta R.T. 0.011 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42

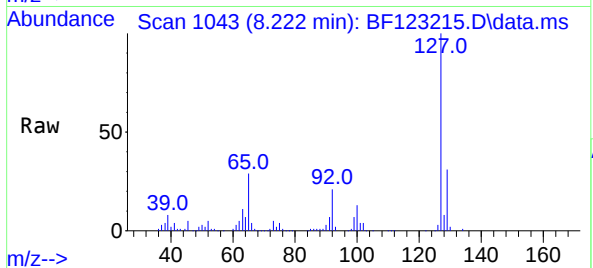
Tgt Ion:122 Resp: 279314  
Ion Ratio Lower Upper  
122 100  
105 123.7 104.8 144.8  
77 89.4 71.0 111.0





#33  
4-Chloroaniline  
Concen: 13.66 ng  
RT: 8.222 min Scan# 1043  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42

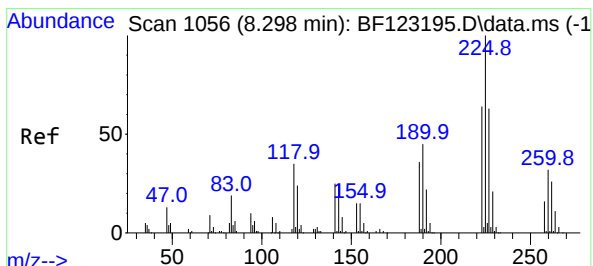
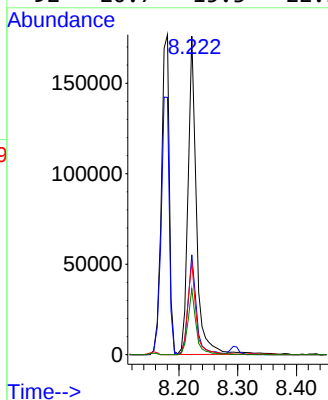
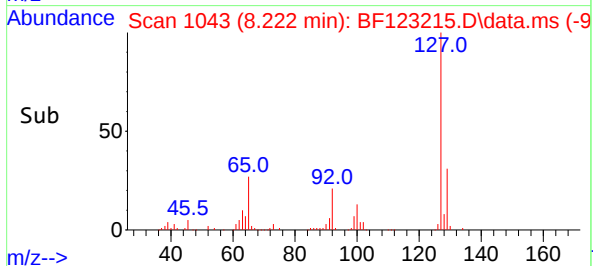
Instrument :  
BNA\_F  
ClientSampleId :  
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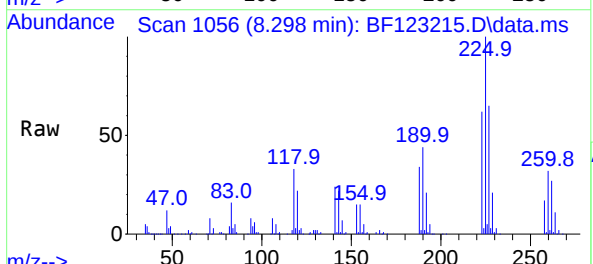
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 31.3  | 26.2  | 39.2  |
| 65      | 29.2  | 22.2  | 33.2  |
| 92      | 20.7  | 15.3  | 22.9  |

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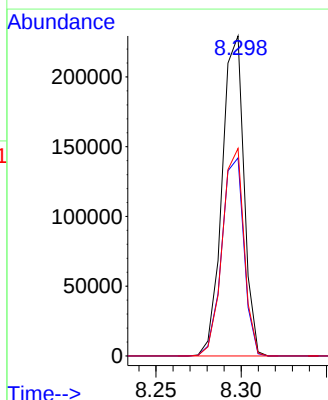
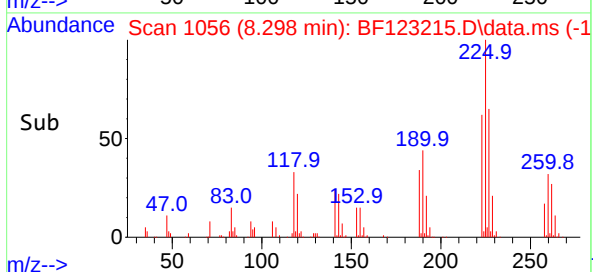
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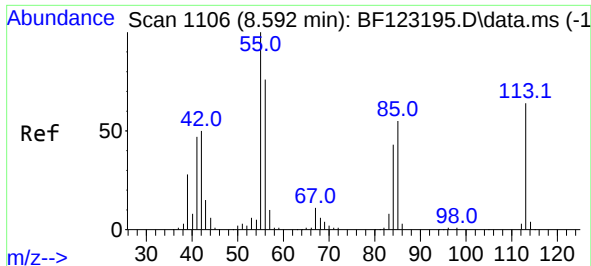


#34  
Hexachlorobutadiene  
Concen: 41.12 ng  
RT: 8.298 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.9  | 50.7  | 76.1  |
| 227     | 64.9  | 51.7  | 77.5  |





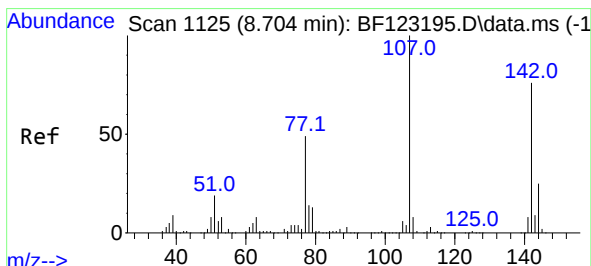
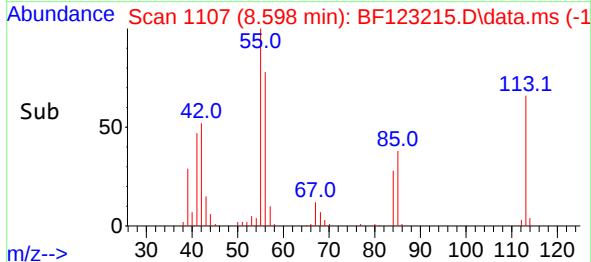
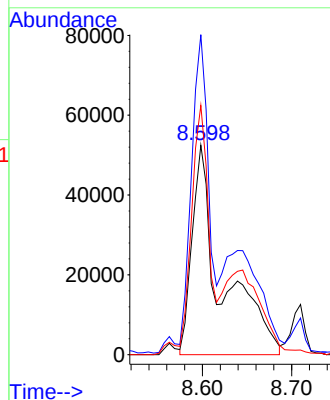
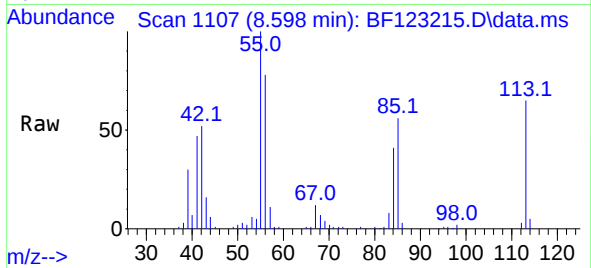
#35  
Caprolactam  
Concen: 40.76 ng m  
RT: 8.598 min Scan# 1107  
Delta R.T. 0.006 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42

Tgt Ion:113 Resp: 120412  
Ion Ratio Lower Upper  
113 100  
55 152.8 133.7 173.7  
56 119.0 95.3 135.3

Instrument :  
BNA\_F  
ClientSampleId :  
BU-03-021621MS

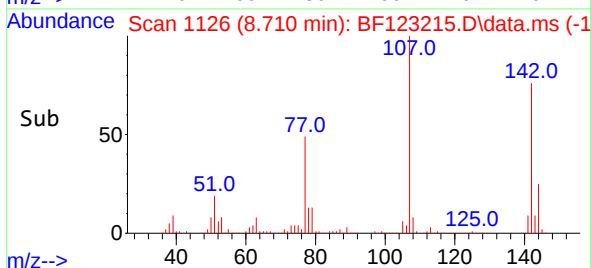
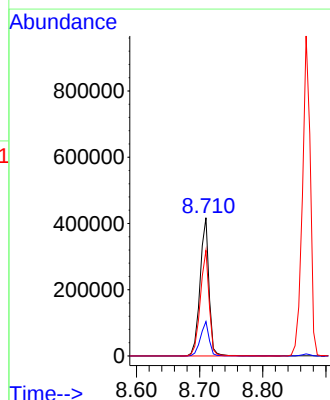
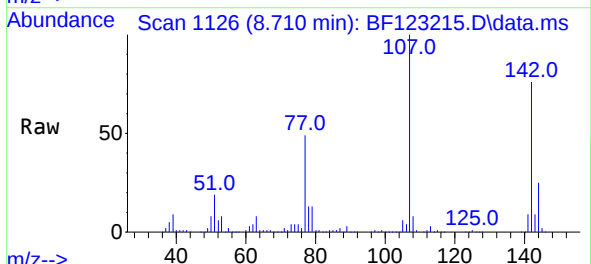
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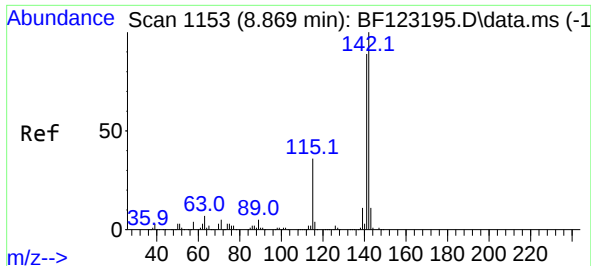
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#36  
4-Chloro-3-methylphenol  
Concen: 41.65 ng  
RT: 8.710 min Scan# 1126  
Delta R.T. 0.006 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42

Tgt Ion:107 Resp: 409849  
Ion Ratio Lower Upper  
107 100  
144 24.9 20.2 30.2  
142 76.3 64.4 96.6





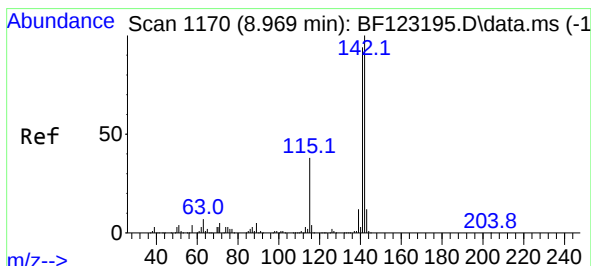
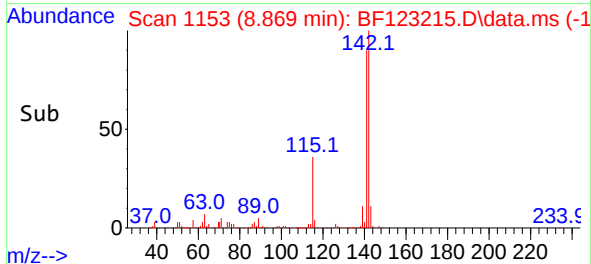
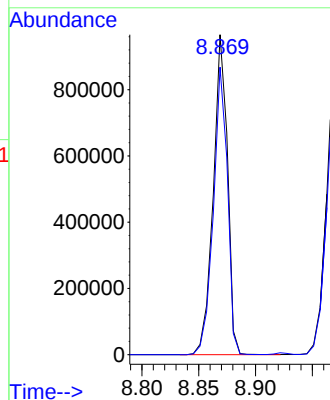
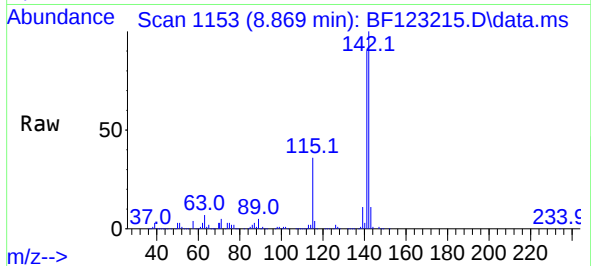
#37  
2-Methylnaphthalene  
Concen: 40.88 ng  
RT: 8.869 min Scan# 1153  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42

Tgt Ion:142 Resp: 840042  
Ion Ratio Lower Upper  
142 100  
141 89.9 70.6 106.0

Instrument :  
BNA\_F  
ClientSampleId :  
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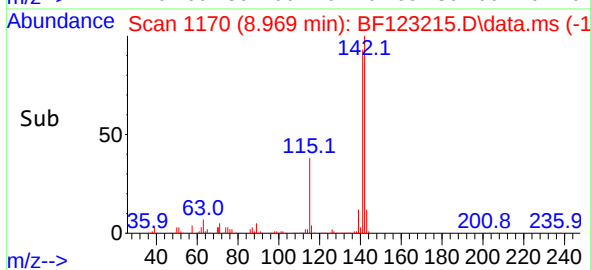
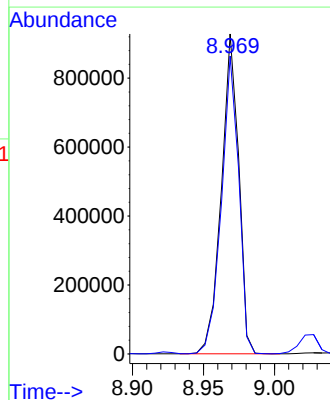
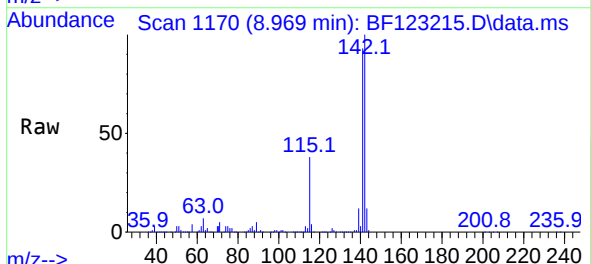
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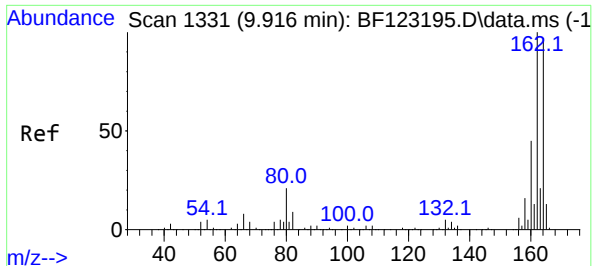
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#38  
1-Methylnaphthalene  
Concen: 40.72 ng  
RT: 8.969 min Scan# 1170  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42

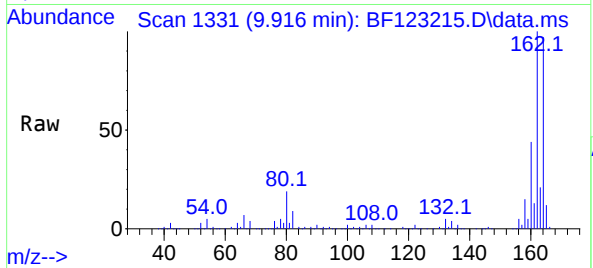
Tgt Ion:142 Resp: 786319  
Ion Ratio Lower Upper  
142 100  
141 93.1 74.5 111.7





#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.916 min Scan# 1331  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42

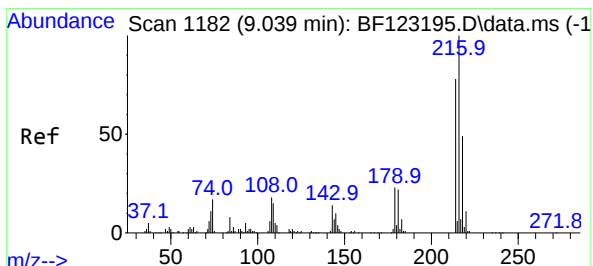
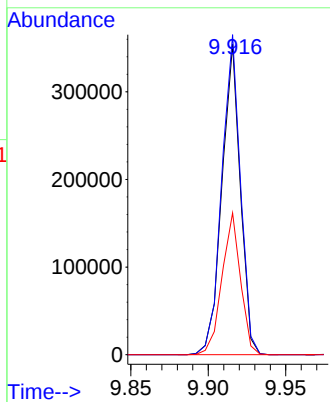
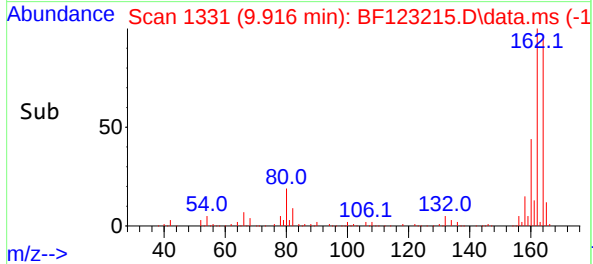
Instrument :  
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ClientSampleId :  
BU-03-021621MS



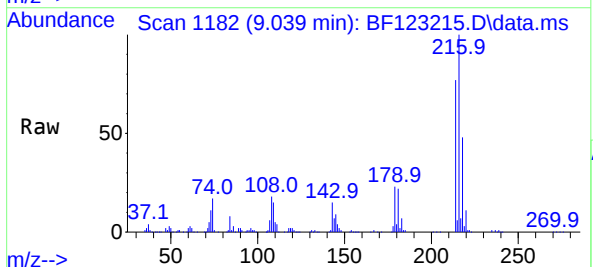
Tgt Ion:164 Resp: 292900  
Ion Ratio Lower Upper  
164 100  
162 103.1 80.8 121.2  
160 45.7 35.4 53.0

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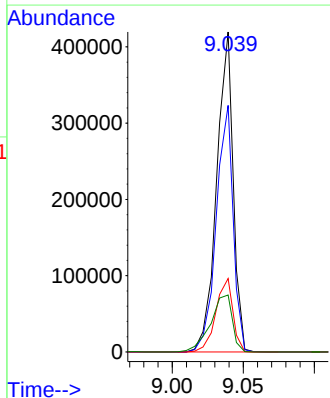
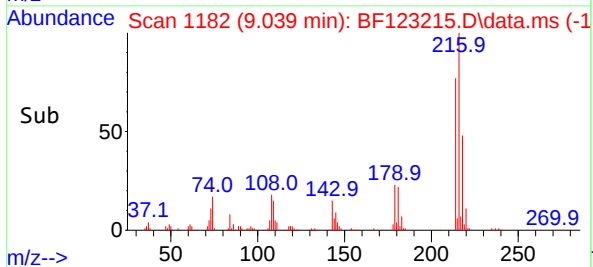
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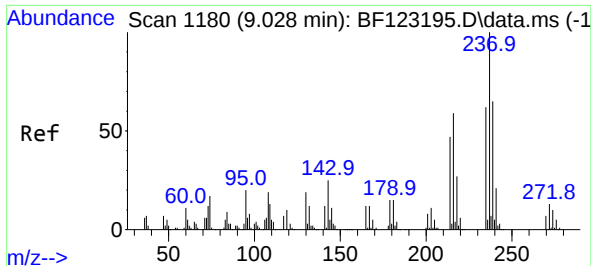


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 41.78 ng  
RT: 9.039 min Scan# 1182  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
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Tgt Ion:216 Resp: 338969  
Ion Ratio Lower Upper  
216 100  
214 78.8 63.1 94.7  
179 23.7 17.1 25.7  
108 23.5 14.6 21.8#





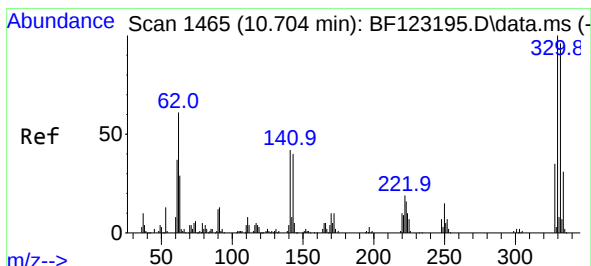
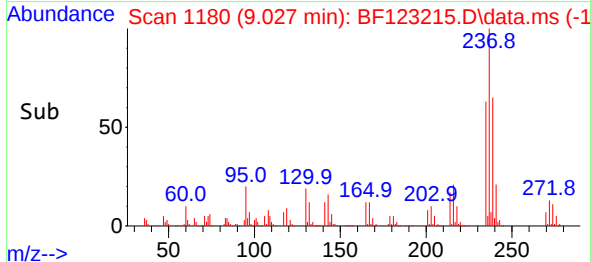
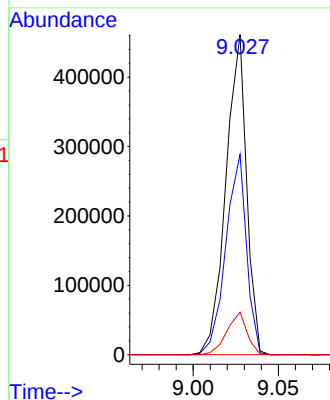
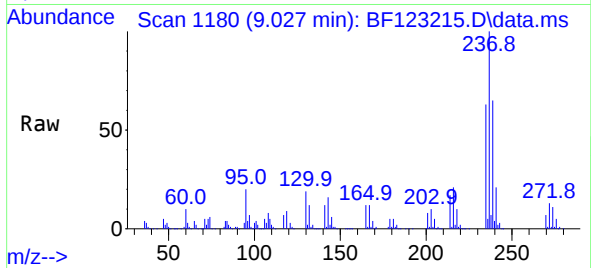
#41  
Hexachlorocyclopentadiene  
Concen: 105.01 ng  
RT: 9.027 min Scan# 1180  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42

Tgt Ion:237 Resp: 389735  
Ion Ratio Lower Upper  
237 100  
235 62.6 40.9 80.9  
272 13.3 0.0 33.4

Instrument :  
BNA\_F  
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BU-03-021621MS

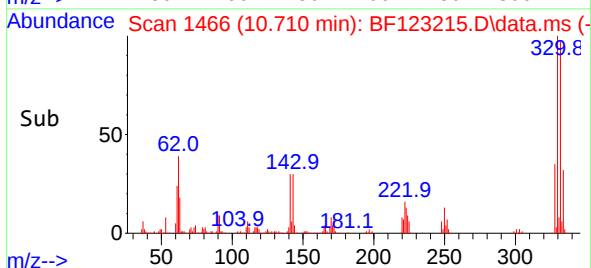
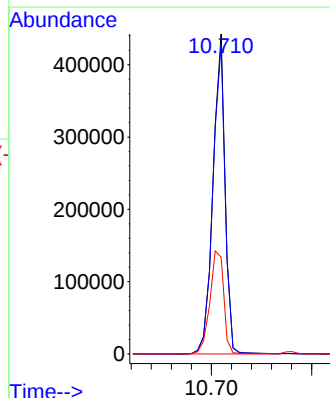
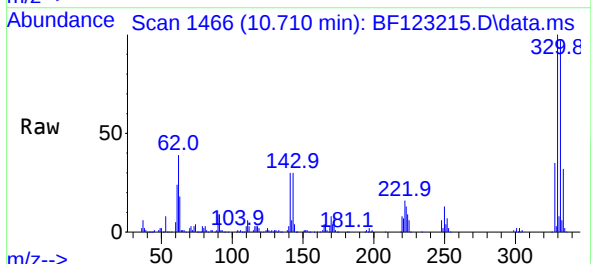
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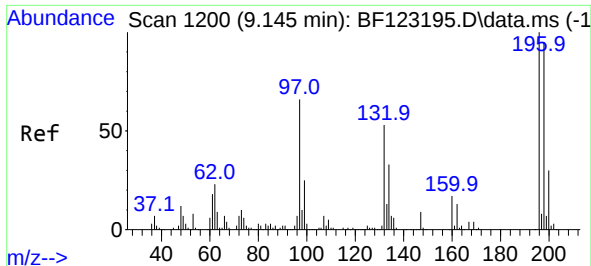
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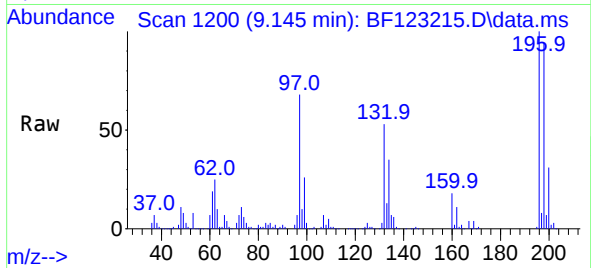
#42  
2,4,6-Tribromophenol  
Concen: 117.51 ng  
RT: 10.710 min Scan# 1466  
Delta R.T. 0.006 min  
Lab File: BF123215.D  
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Tgt Ion:330 Resp: 371702  
Ion Ratio Lower Upper  
330 100  
332 97.7 77.5 116.3  
141 36.9 23.8 35.8#

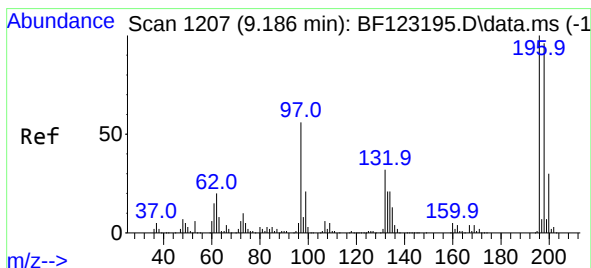
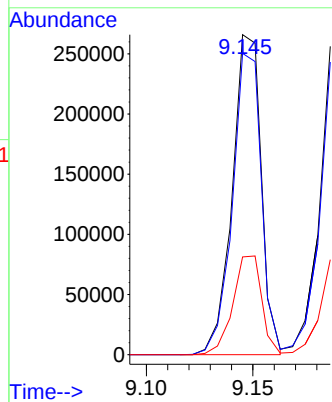
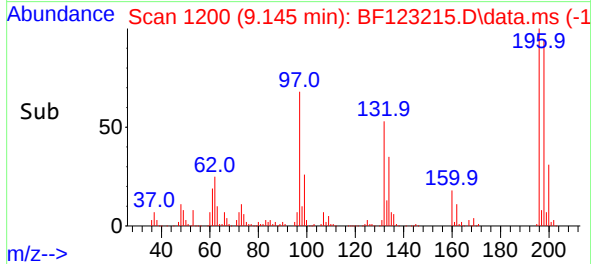




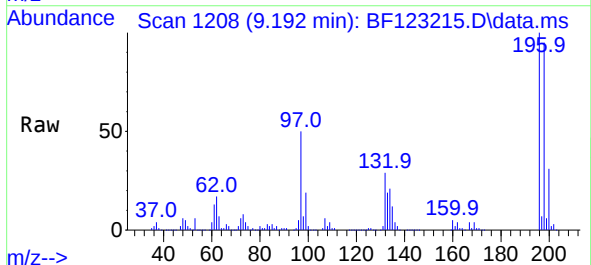
#43  
2,4,6-Trichlorophenol  
Concen: 41.08 ng  
RT: 9.145 min Scan# 1200  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42



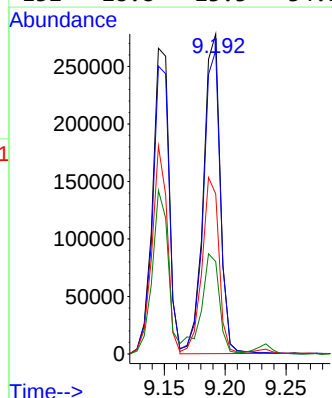
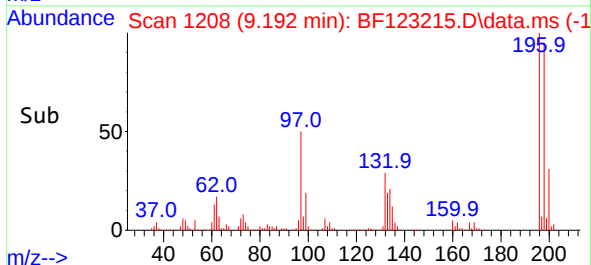
Tgt Ion:196 Resp: 251111  
Ion Ratio Lower Upper  
196 100  
198 94.1 75.1 112.7  
200 30.6 23.7 35.5



#44  
2,4,5-Trichlorophenol  
Concen: 40.29 ng  
RT: 9.192 min Scan# 1208  
Delta R.T. 0.006 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42



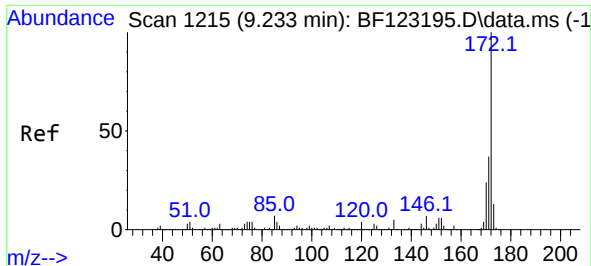
Tgt Ion:196 Resp: 267907  
Ion Ratio Lower Upper  
196 100  
198 94.8 76.5 114.7  
97 50.0 40.1 60.1  
132 28.8 23.3 34.9



Instrument :  
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ClientSampleId :  
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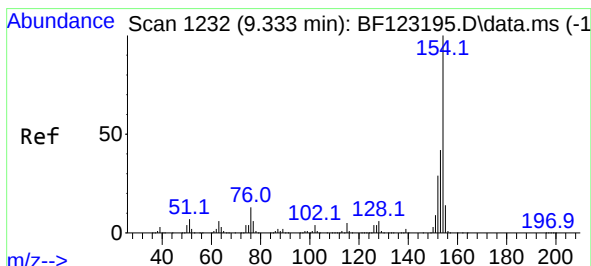
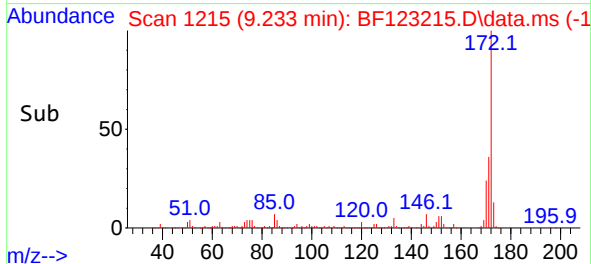
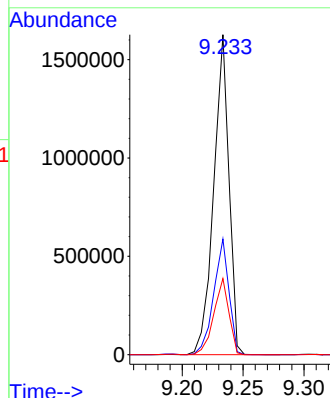
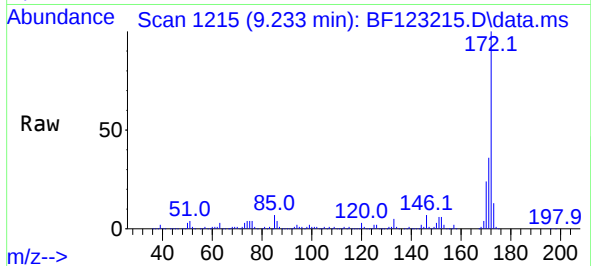
#45  
2-Fluorobiphenyl  
Concen: 72.40 ng  
RT: 9.233 min Scan# 1215  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
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Tgt Ion:172 Resp: 1418987  
Ion Ratio Lower Upper  
172 100  
171 36.1 29.6 44.4  
170 23.8 19.5 29.3

Instrument :  
BNA\_F  
ClientSampleId :  
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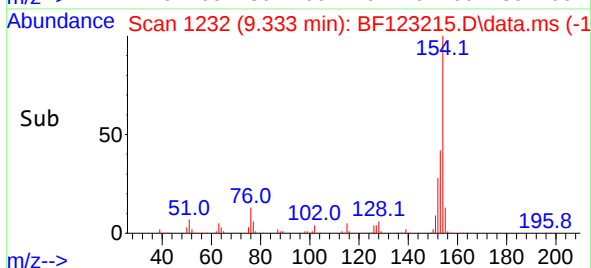
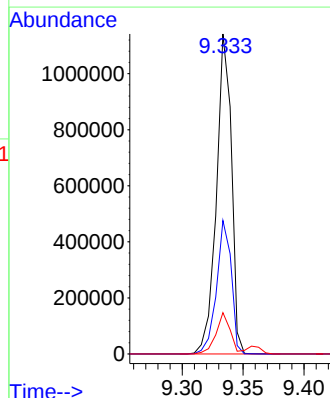
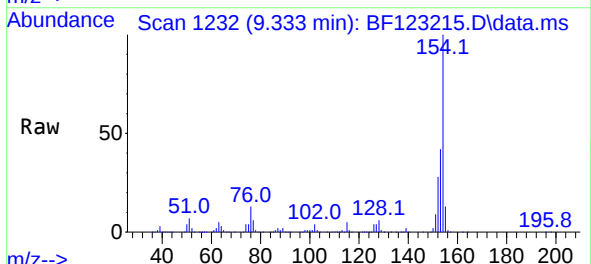
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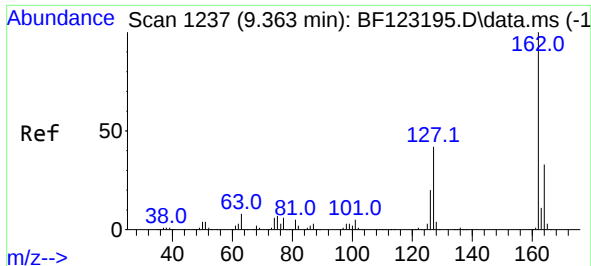
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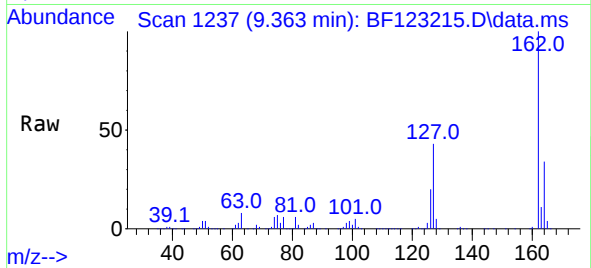
#46  
1,1'-Biphenyl  
Concen: 41.36 ng  
RT: 9.333 min Scan# 1232  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42

Tgt Ion:154 Resp: 978052  
Ion Ratio Lower Upper  
154 100  
153 41.7 21.8 61.8  
76 12.9 0.0 33.4

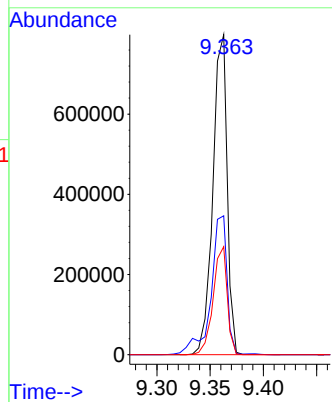
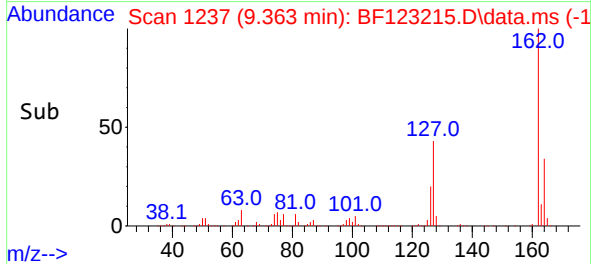




#47  
2-Chloronaphthalene  
Concen: 39.57 ng  
RT: 9.363 min Scan# 1237  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42



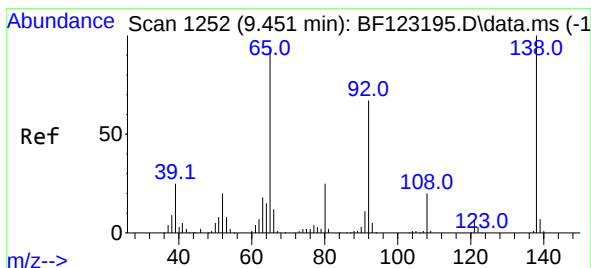
Tgt Ion:162 Resp: 748302  
Ion Ratio Lower Upper  
162 100  
127 43.4 33.8 50.8  
164 33.7 26.5 39.7



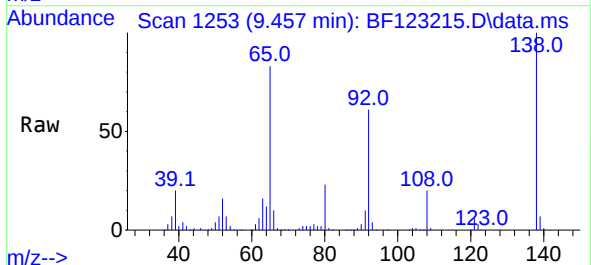
Instrument :  
BNA\_F  
ClientSampleId :  
BU-03-021621MS

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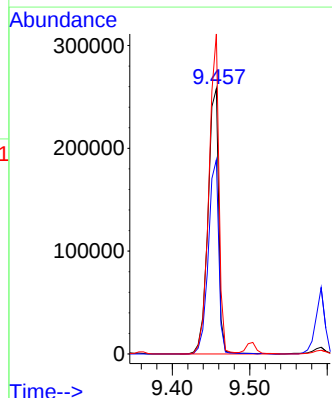
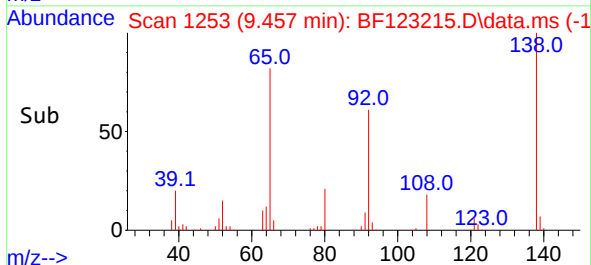
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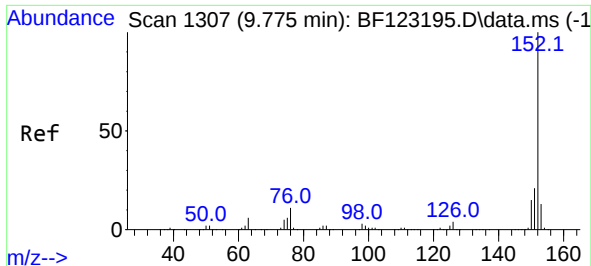


#48  
2-Nitroaniline  
Concen: 39.11 ng  
RT: 9.457 min Scan# 1253  
Delta R.T. 0.006 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42



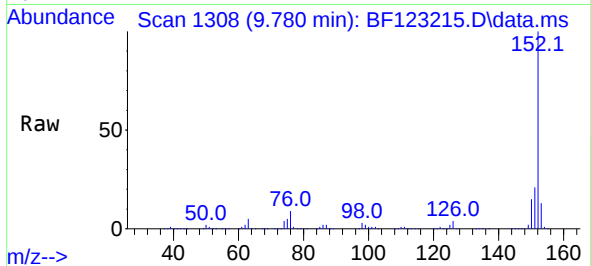
Tgt Ion: 65 Resp: 247904  
Ion Ratio Lower Upper  
65 100  
92 73.2 60.0 90.0  
138 120.6 100.6 151.0





#49  
Acenaphthylene  
Concen: 39.55 ng  
RT: 9.780 min Scan# 1308  
Delta R.T. 0.006 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42

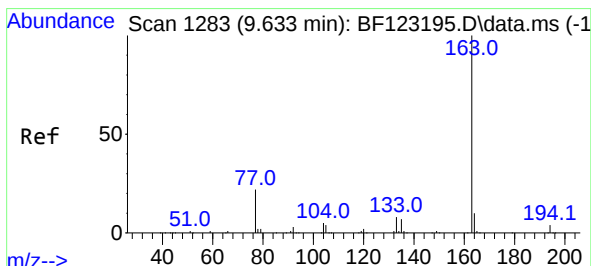
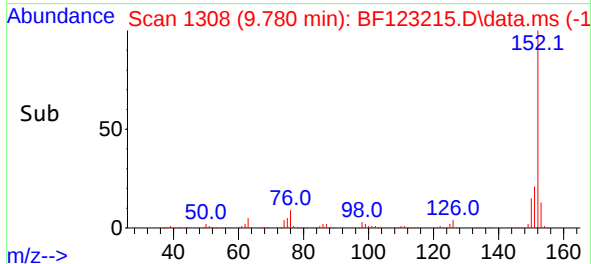
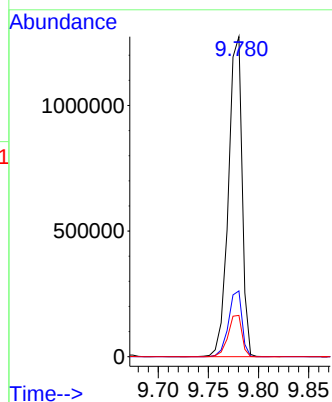
Instrument :  
BNA\_F  
ClientSampleId :  
BU-03-021621MS



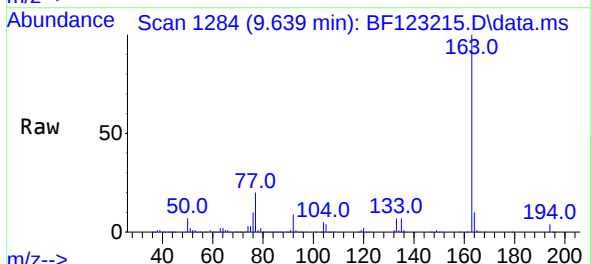
Tgt Ion:152 Resp: 1203305  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.6 25.0  
153 12.9 10.9 16.3

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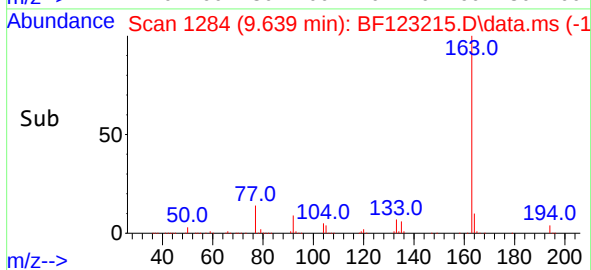
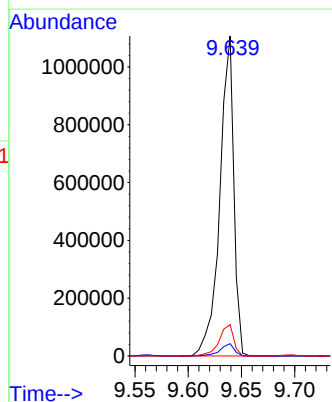
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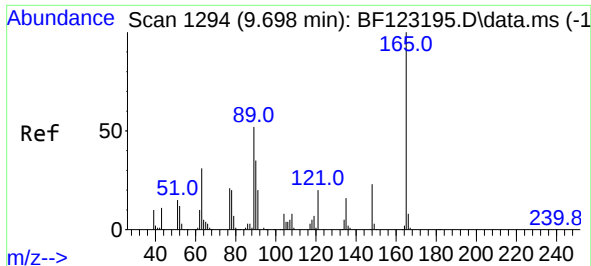


#50  
Dimethylphthalate  
Concen: 47.53 ng  
RT: 9.639 min Scan# 1284  
Delta R.T. 0.006 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42



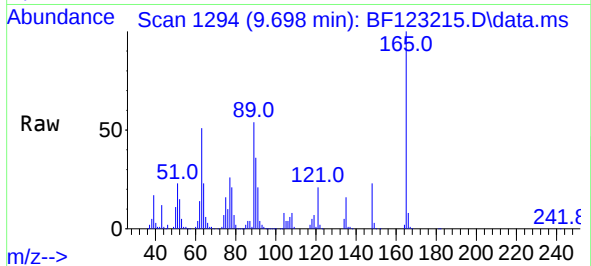
Tgt Ion:163 Resp: 1009024  
Ion Ratio Lower Upper  
163 100  
194 3.8 3.4 5.0  
164 9.8 8.1 12.1





#51  
2,6-Dinitrotoluene  
Concen: 40.77 ng  
RT: 9.698 min Scan# 1294  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42

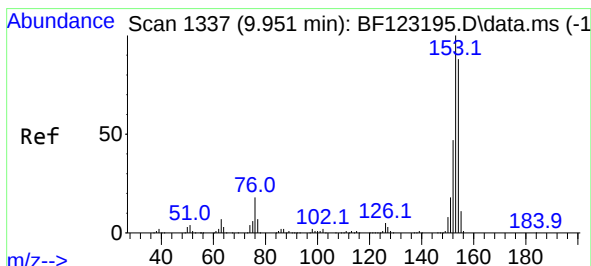
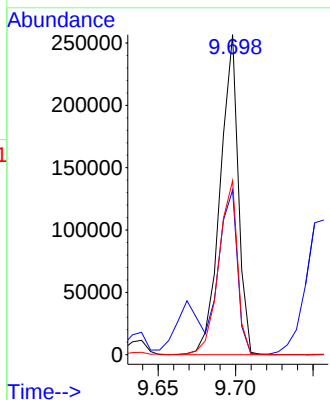
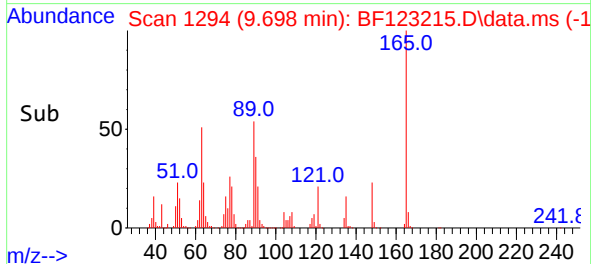
Instrument :  
BNA\_F  
ClientSampleId :  
BU-03-021621MS



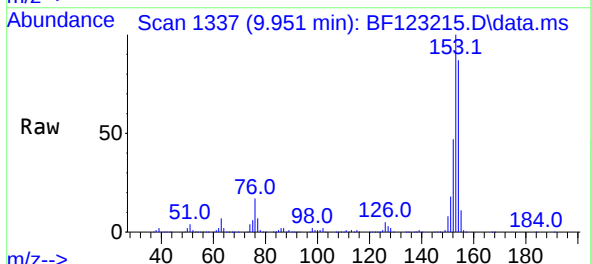
Tgt Ion:165 Resp: 208202  
Ion Ratio Lower Upper  
165 100  
63 51.5 36.6 55.0  
89 54.4 39.4 59.0

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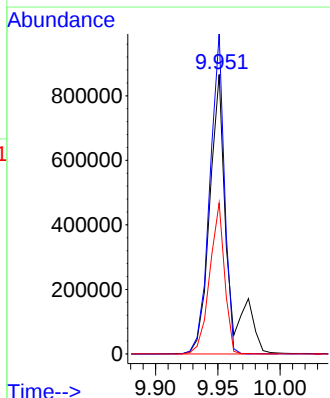
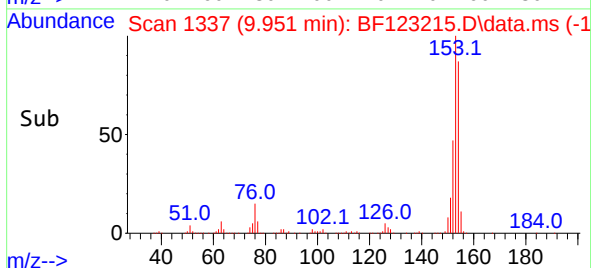
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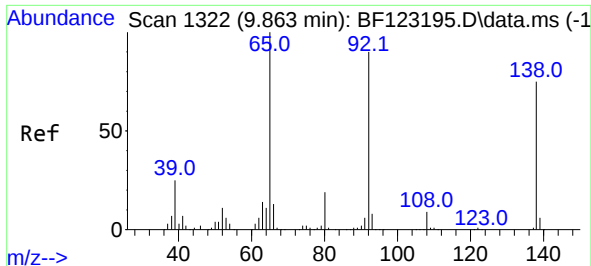


#52  
Acenaphthene  
Concen: 43.76 ng m  
RT: 9.951 min Scan# 1337  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42

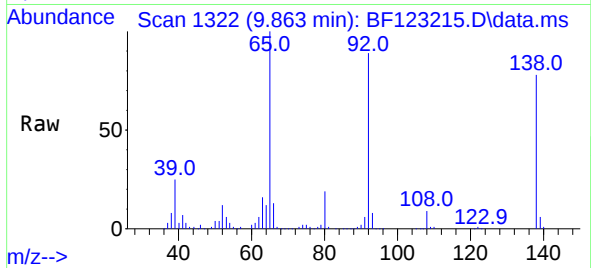


Tgt Ion:154 Resp: 866110  
Ion Ratio Lower Upper  
154 100  
153 114.4 89.0 133.6  
152 54.0 42.7 64.1

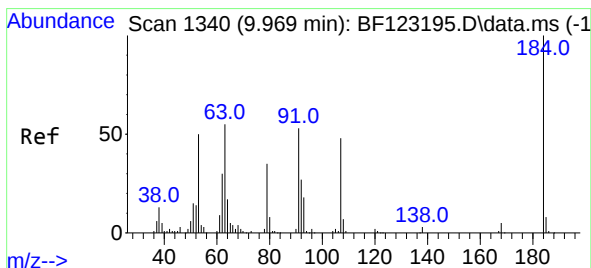
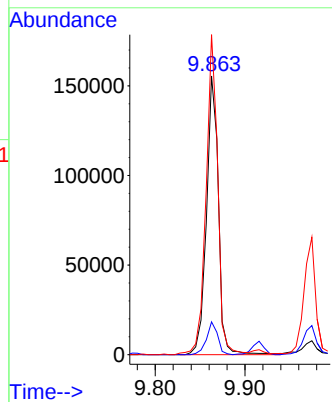
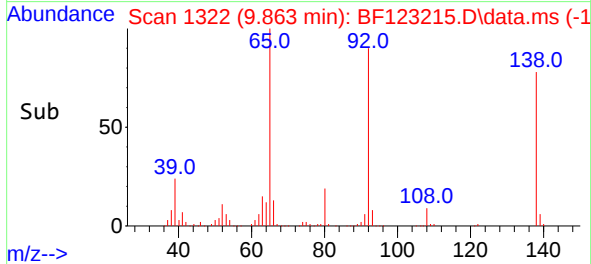




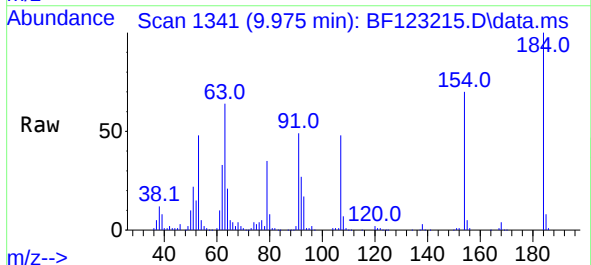
#53  
3-Nitroaniline  
Concen: 23.64 ng  
RT: 9.863 min Scan# 1322  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42



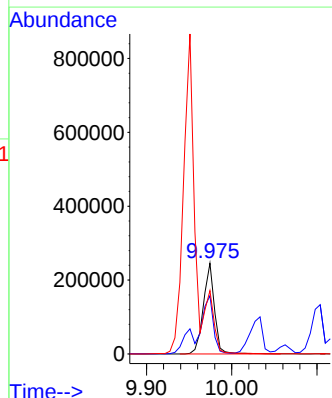
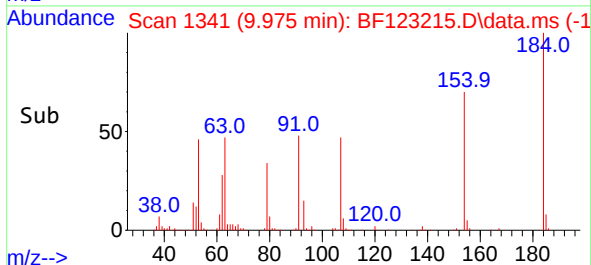
Tgt Ion:138 Resp: 143517  
Ion Ratio Lower Upper  
138 100  
108 11.8 8.2 12.2  
92 114.8 85.4 128.2



#54  
2,4-Dinitrophenol  
Concen: 82.15 ng  
RT: 9.975 min Scan# 1341  
Delta R.T. 0.006 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42



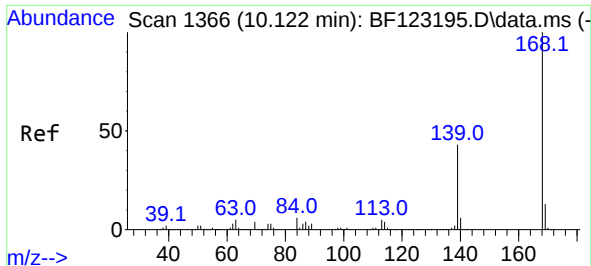
Tgt Ion:184 Resp: 222433  
Ion Ratio Lower Upper  
184 100  
63 64.2 51.4 77.2  
154 69.9 49.7 74.5



Instrument :  
BNA\_F  
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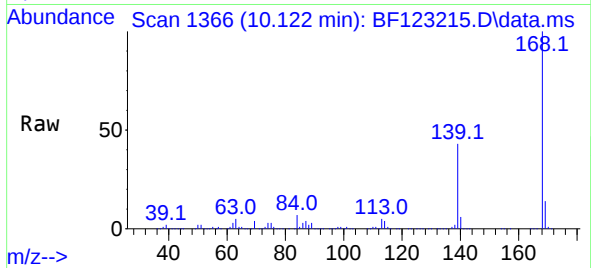
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#55  
Dibenzofuran  
Concen: 39.42 ng  
RT: 10.122 min Scan# 1366  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42

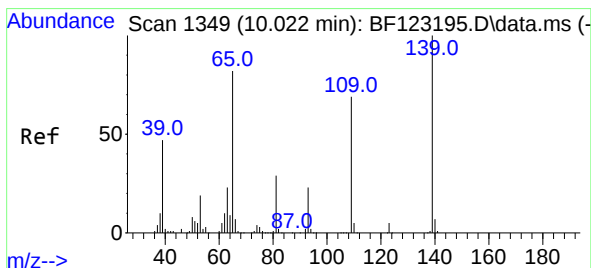
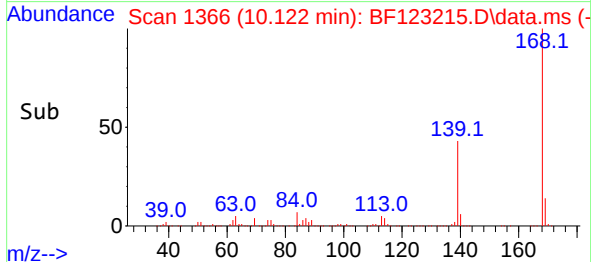
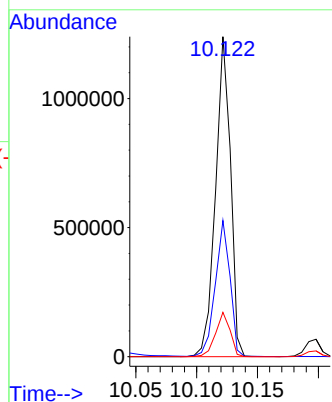
Instrument :  
BNA\_F  
ClientSampleId :  
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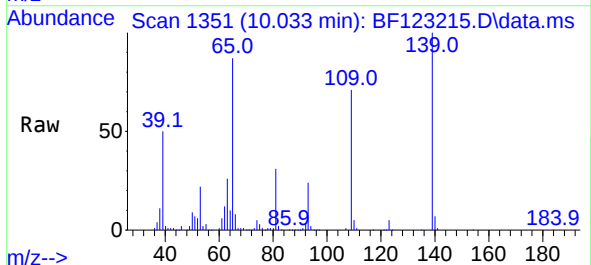
Tgt Ion:168 Resp: 1055085  
Ion Ratio Lower Upper  
168 100  
139 42.6 31.3 46.9  
169 13.9 11.2 16.8

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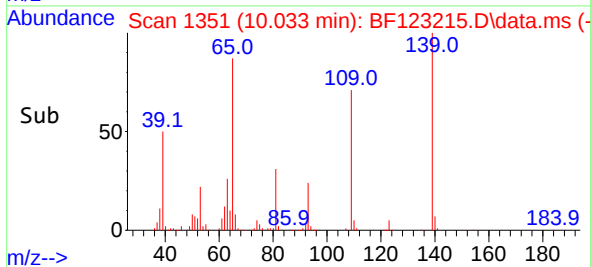
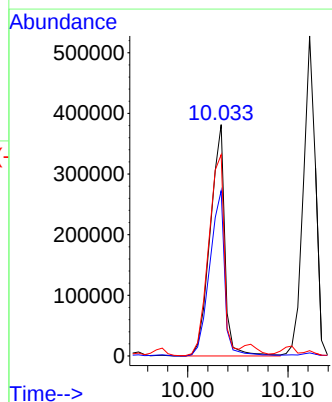
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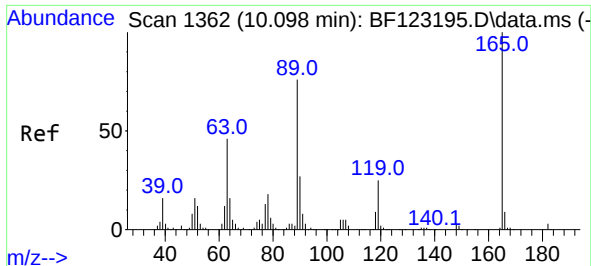


#56  
4-Nitrophenol  
Concen: 77.43 ng  
RT: 10.033 min Scan# 1351  
Delta R.T. 0.012 min  
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Tgt Ion:139 Resp: 386288  
Ion Ratio Lower Upper  
139 100  
109 71.5 45.1 85.1  
65 87.0 59.2 99.2





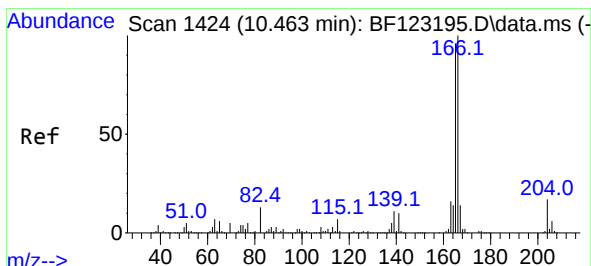
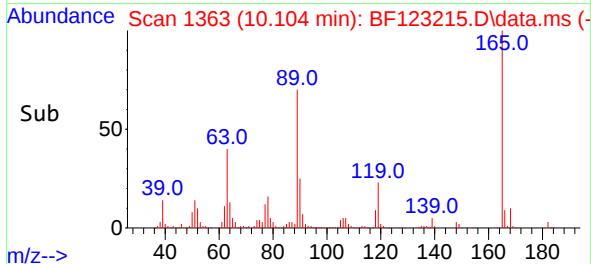
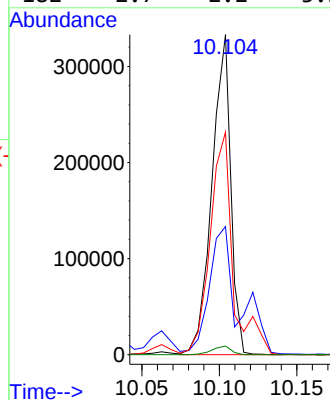
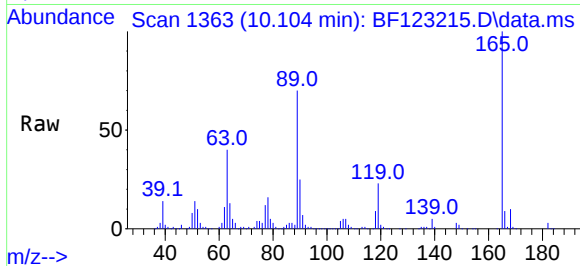
#57  
2,4-Dinitrotoluene  
Concen: 40.74 ng  
RT: 10.104 min Scan# 1363  
Delta R.T. 0.006 min  
Lab File: BF123215.D  
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|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 280959 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 40.0  | 34.3  | 51.5   |
| 89        | 69.6  | 55.2  | 82.8   |
| 182       | 2.7   | 2.2   | 3.2    |

Instrument :  
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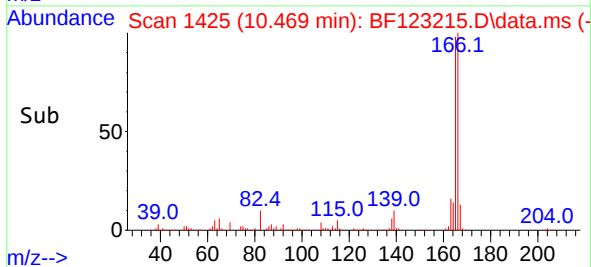
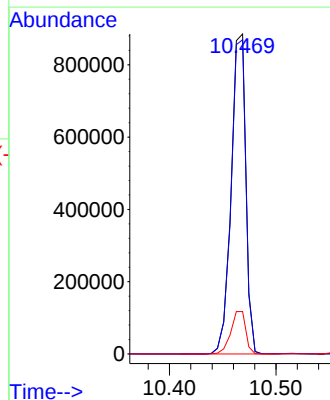
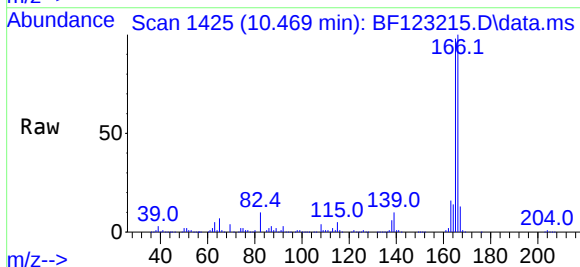
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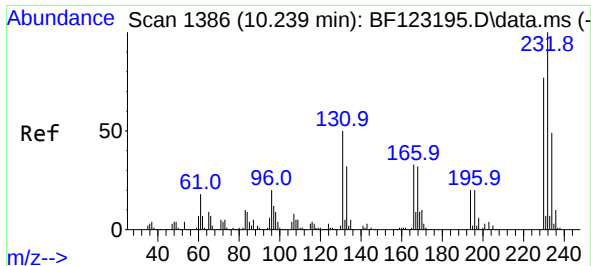
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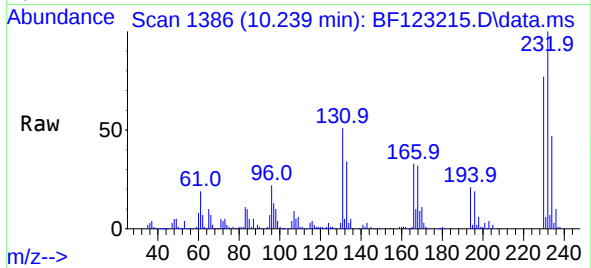
#58  
Fluorene  
Concen: 40.78 ng  
RT: 10.469 min Scan# 1425  
Delta R.T. 0.006 min  
Lab File: BF123215.D  
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|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 847008 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 98.2  | 79.4  | 119.0  |
| 167       | 13.2  | 10.9  | 16.3   |

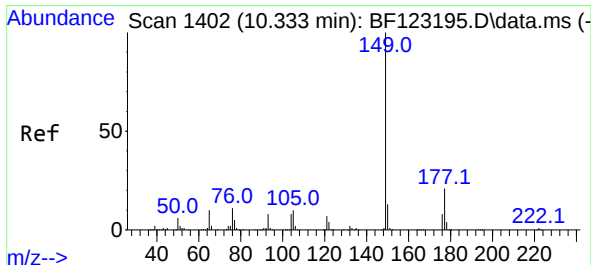
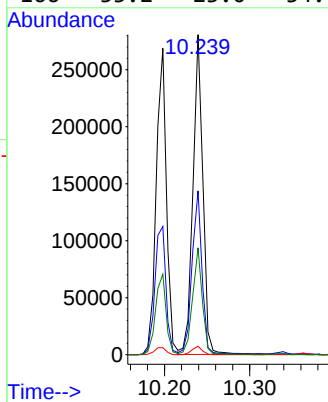
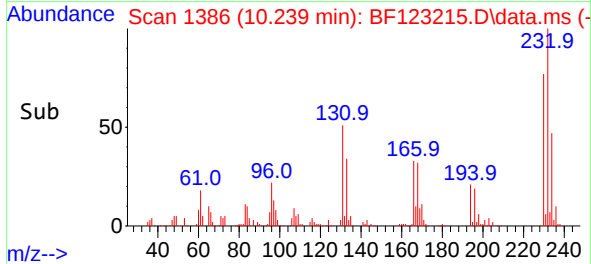




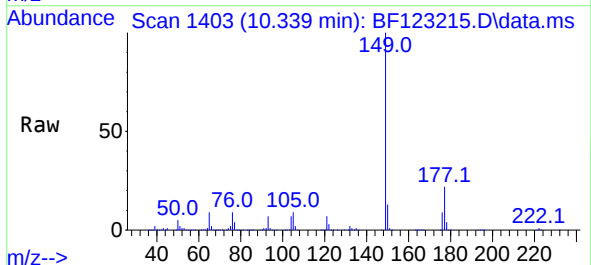
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.20 ng  
RT: 10.239 min Scan# 1386  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42



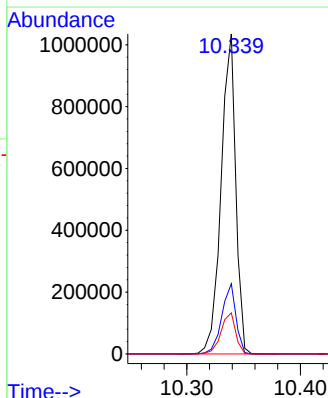
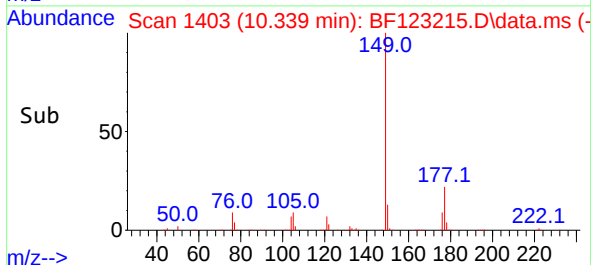
Tgt Ion:232 Resp: 227394  
Ion Ratio Lower Upper  
232 100  
131 50.9 33.0 49.4#  
130 2.7 1.7 2.5#  
166 33.2 23.0 34.4



#60  
Diethylphthalate  
Concen: 43.09 ng  
RT: 10.339 min Scan# 1403  
Delta R.T. 0.006 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42



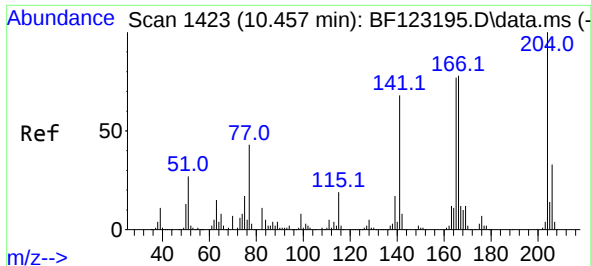
Tgt Ion:149 Resp: 928295  
Ion Ratio Lower Upper  
149 100  
177 22.0 18.2 27.4  
150 12.8 10.1 15.1



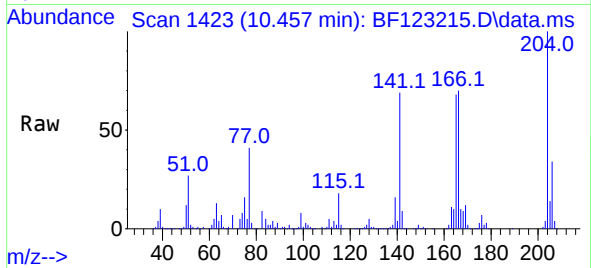
Instrument :  
BNA\_F  
ClientSampleId :  
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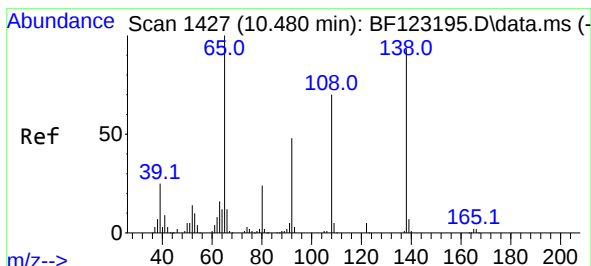
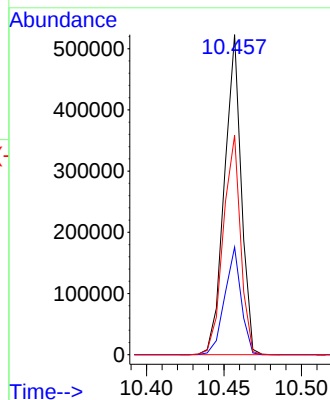
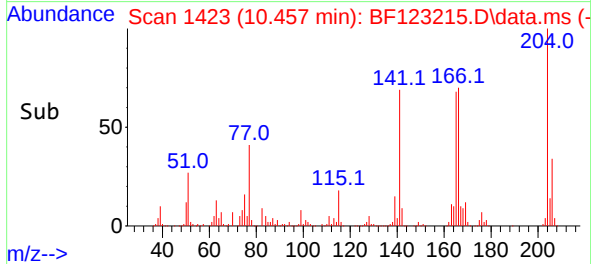
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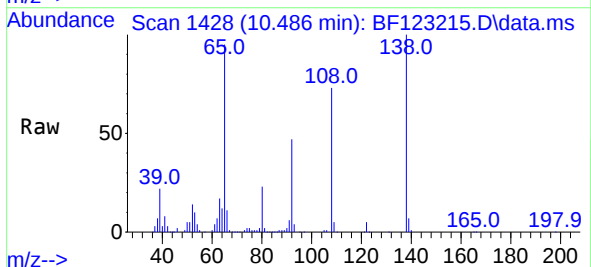
#61  
4-Chlorophenyl-phenylether  
Concen: 42.70 ng  
RT: 10.457 min Scan# 1423  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42



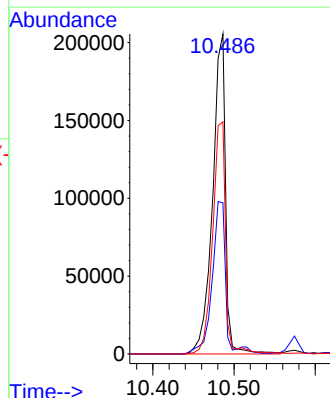
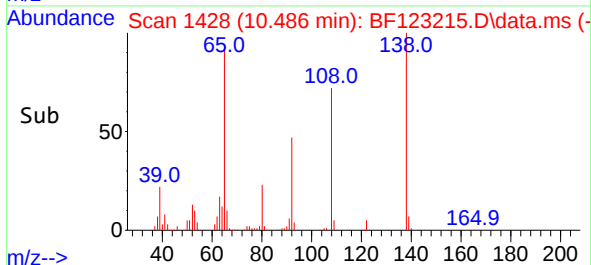
Tgt Ion:204 Resp: 395025  
Ion Ratio Lower Upper  
204 100  
206 33.6 27.0 40.4  
141 68.6 50.4 75.6



#62  
4-Nitroaniline  
Concen: 37.17 ng  
RT: 10.486 min Scan# 1428  
Delta R.T. 0.006 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42



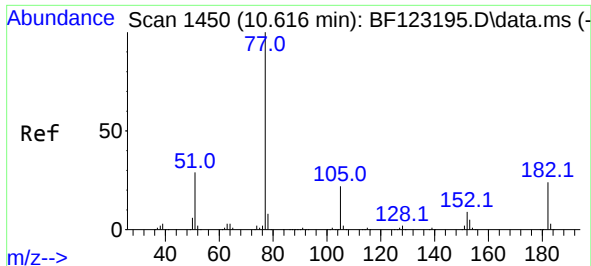
Tgt Ion:138 Resp: 227504  
Ion Ratio Lower Upper  
138 100  
92 47.2 31.0 71.0  
108 72.6 54.8 94.8



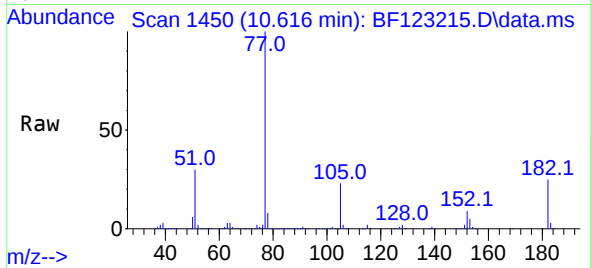
Instrument :  
BNA\_F  
ClientSampleId :  
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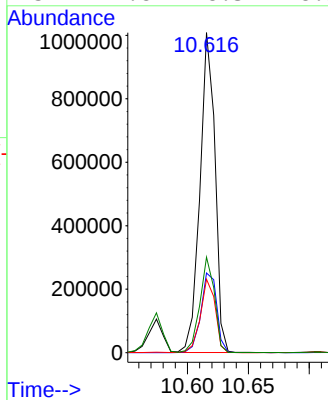
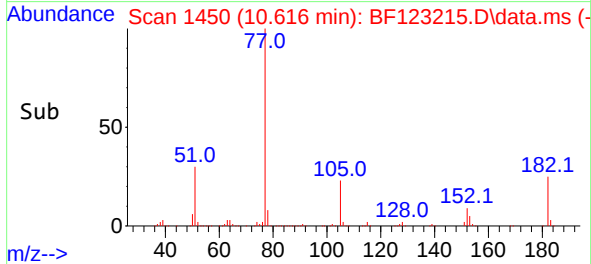
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#63  
Azobenzene  
Concen: 38.56 ng  
RT: 10.616 min Scan# 1450  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42



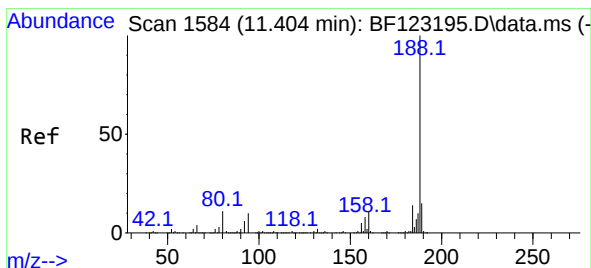
Tgt Ion: 77 Resp: 868791  
Ion Ratio Lower Upper  
77 100  
182 24.9 5.6 45.6  
105 22.9 1.8 41.8  
51 29.8 8.3 48.3



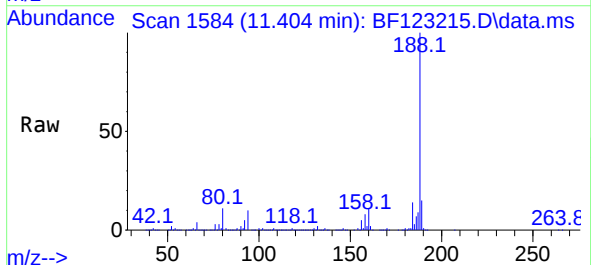
Instrument :  
BNA\_F  
ClientSampleId :  
BU-03-021621MS

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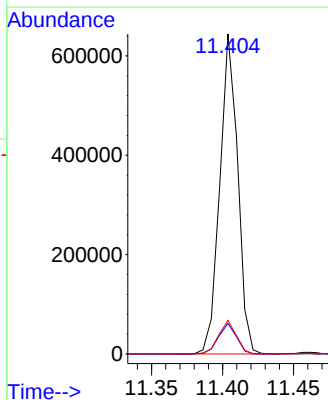
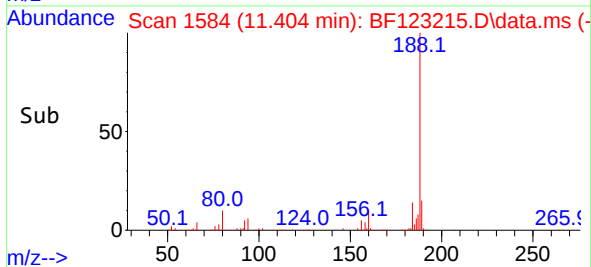
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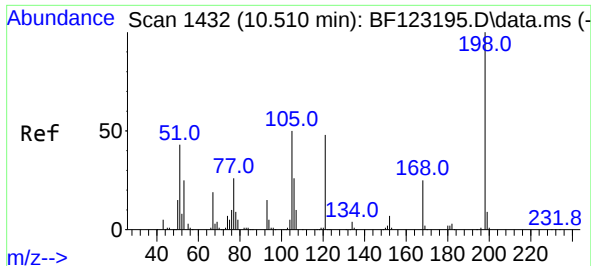


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.404 min Scan# 1584  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42

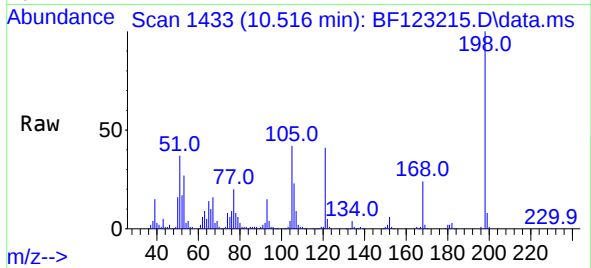


Tgt Ion: 188 Resp: 564025  
Ion Ratio Lower Upper  
188 100  
94 9.6 7.4 11.2  
80 10.5 8.2 12.4

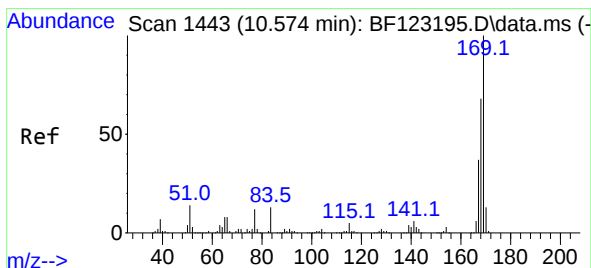
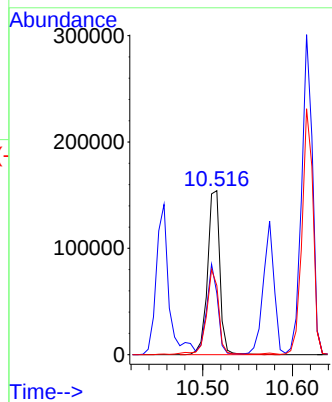
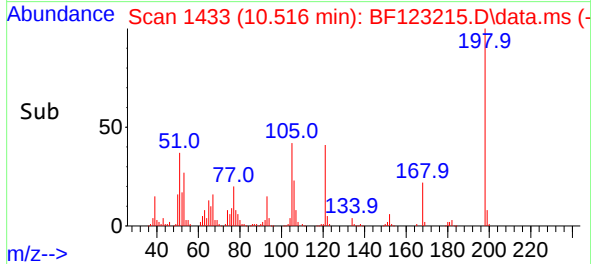




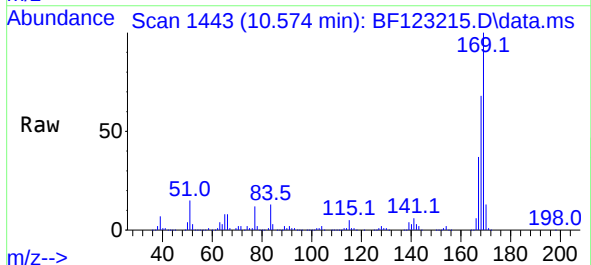
#65  
4,6-Dinitro-2-methylphenol  
Concen: 40.46 ng  
RT: 10.516 min Scan# 1433  
Delta R.T. 0.006 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42



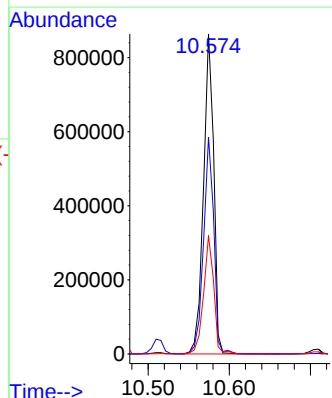
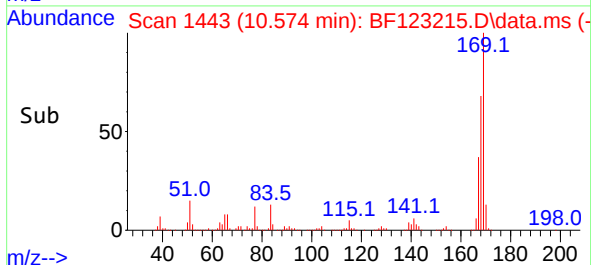
Tgt Ion:198 Resp: 147031  
Ion Ratio Lower Upper  
198 100  
51 37.5 20.3 60.3  
105 42.1 23.0 63.0



#66  
n-Nitrosodiphenylamine  
Concen: 39.59 ng  
RT: 10.574 min Scan# 1443  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42



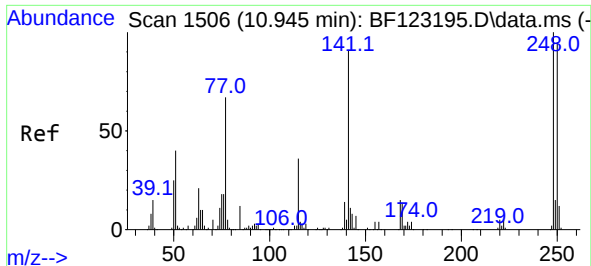
Tgt Ion:169 Resp: 754489  
Ion Ratio Lower Upper  
169 100  
168 67.8 54.2 81.2  
167 37.0 29.2 43.8



Instrument :  
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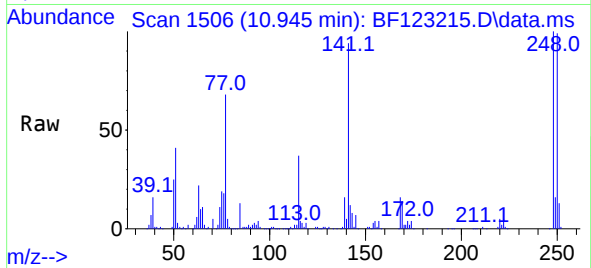
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#67  
4-Bromophenyl-phenylether  
Concen: 41.32 ng  
RT: 10.945 min Scan# 1506  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42

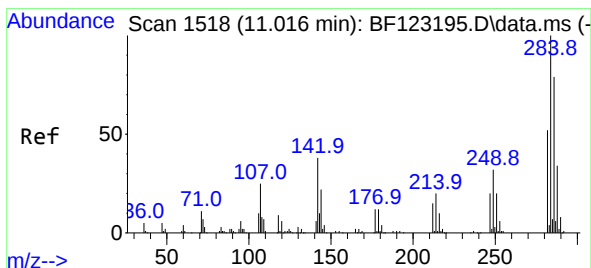
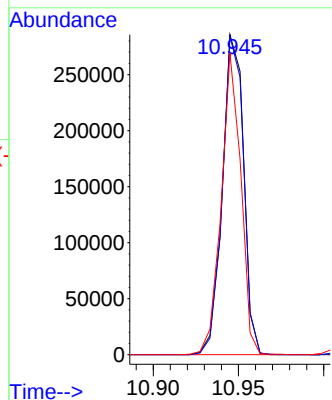
Instrument :  
BNA\_F  
ClientSampleId :  
BU-03-021621MS



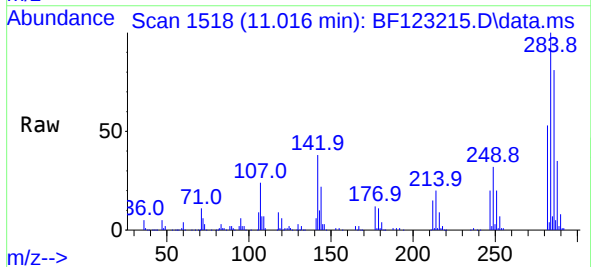
Tgt Ion:248 Resp: 247593  
Ion Ratio Lower Upper  
248 100  
250 99.5 76.8 115.2  
141 94.3 59.8 89.8#

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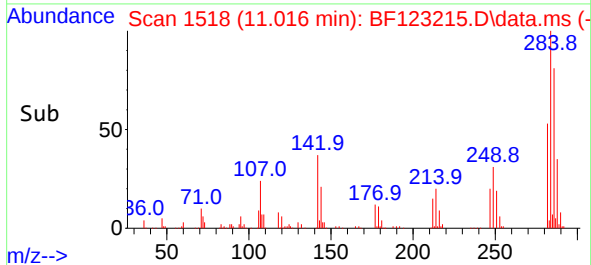
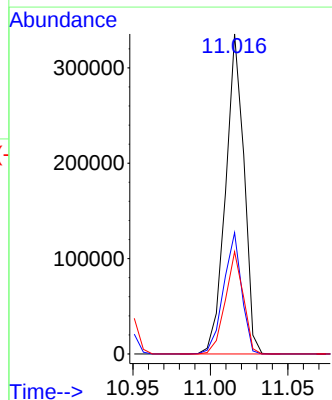
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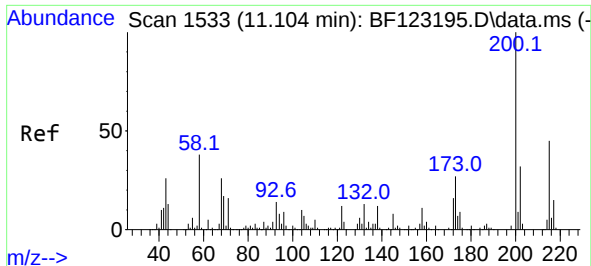


#68  
Hexachlorobenzene  
Concen: 42.16 ng  
RT: 11.016 min Scan# 1518  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42

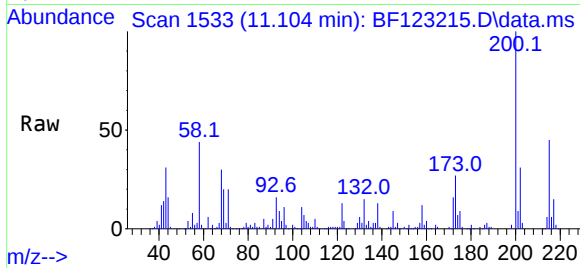


Tgt Ion:284 Resp: 276421  
Ion Ratio Lower Upper  
284 100  
142 37.9 25.6 38.4  
249 31.9 25.1 37.7

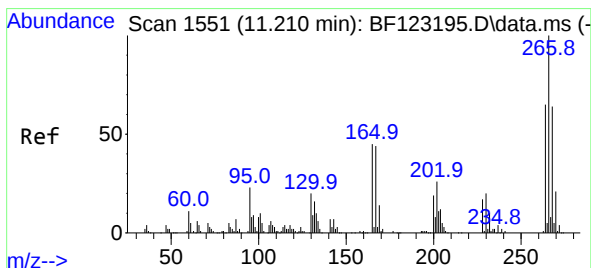
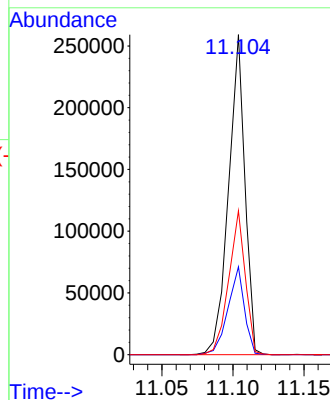
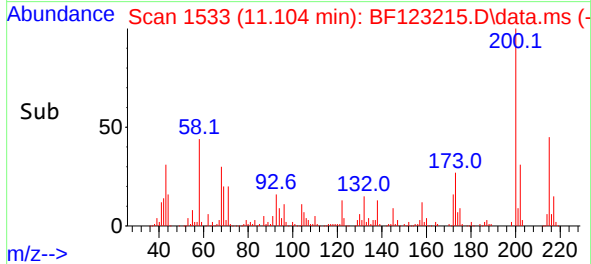




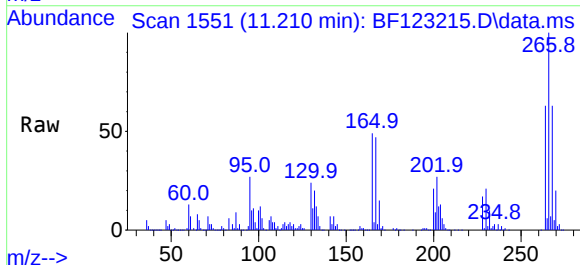
#69  
Atrazine  
Concen: 36.48 ng  
RT: 11.104 min Scan# 1533  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42



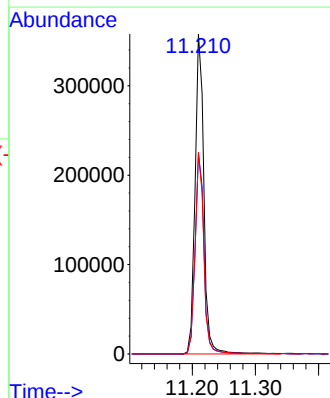
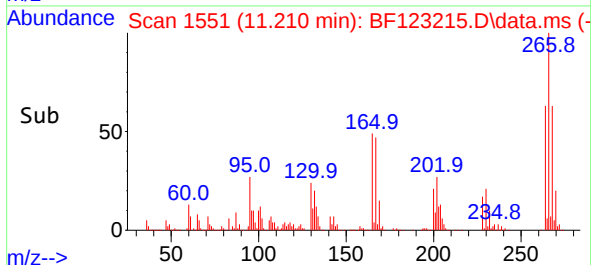
Tgt Ion:200 Resp: 207304  
Ion Ratio Lower Upper  
200 100  
173 27.5 6.6 46.6  
215 45.0 28.1 68.1



#70  
Pentachlorophenol  
Concen: 84.46 ng  
RT: 11.210 min Scan# 1551  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42



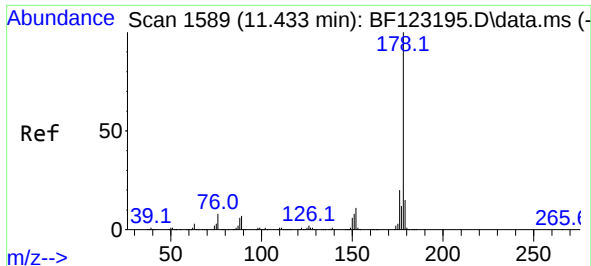
Tgt Ion:266 Resp: 345141  
Ion Ratio Lower Upper  
266 100  
268 62.8 50.5 75.7  
264 63.0 49.8 74.8



Instrument :  
BNA\_F  
ClientSampleId :  
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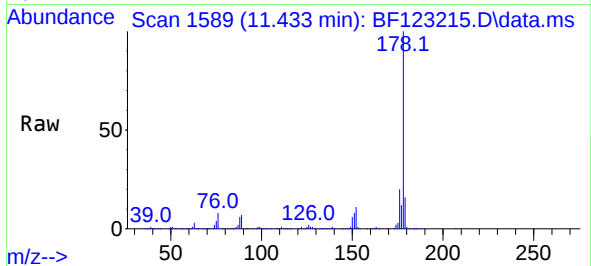
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#71  
Phenanthrene  
Concen: 39.73 ng  
RT: 11.433 min Scan# 1589  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42

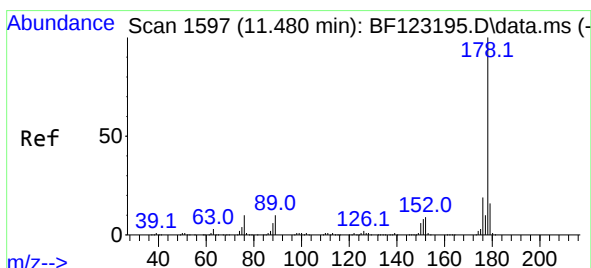
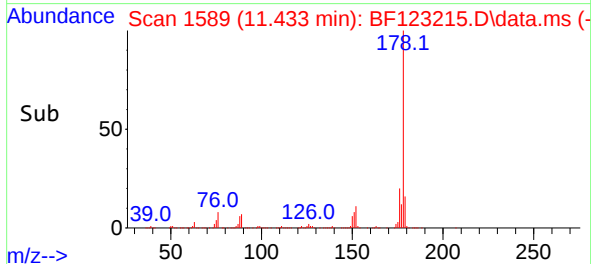
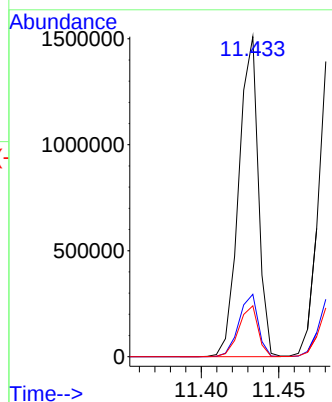
Instrument :  
BNA\_F  
ClientSampleId :  
BU-03-021621MS



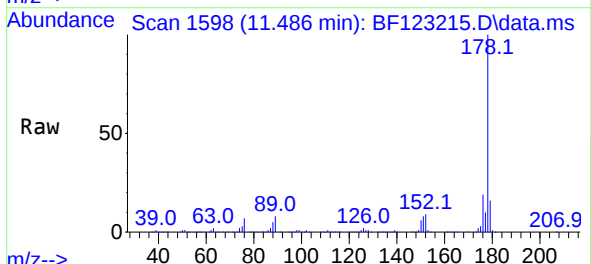
Tgt Ion:178 Resp: 1320367  
Ion Ratio Lower Upper  
178 100  
176 19.5 16.2 24.2  
179 15.9 12.7 19.1

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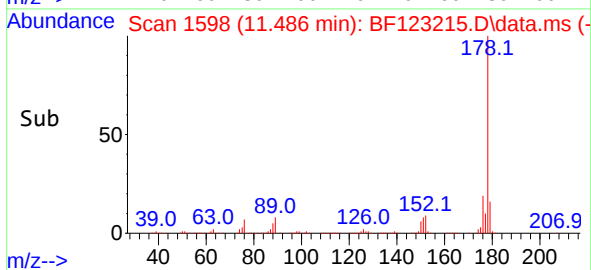
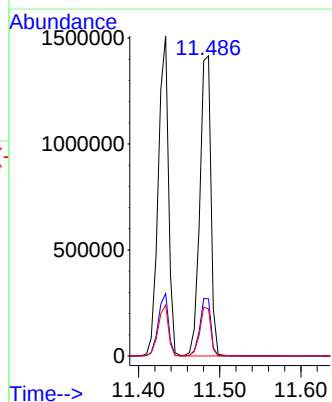
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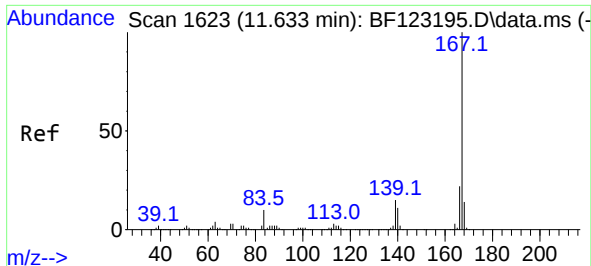


#72  
Anthracene  
Concen: 40.43 ng  
RT: 11.486 min Scan# 1598  
Delta R.T. 0.006 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42



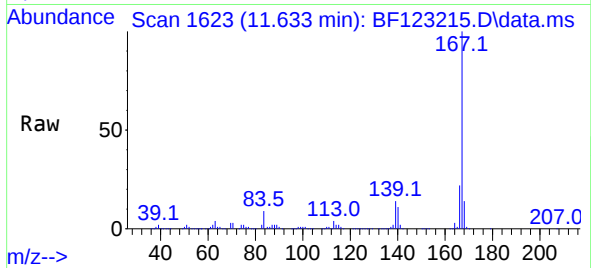
Tgt Ion:178 Resp: 1342633  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.6 23.4  
179 15.6 12.8 19.2





#73  
 Carbazole  
 Concen: 37.83 ng  
 RT: 11.633 min Scan# 1623  
 Delta R.T. -0.000 min  
 Lab File: BF123215.D  
 Acq: 17 Feb 2021 16:42

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BU-03-021621MS

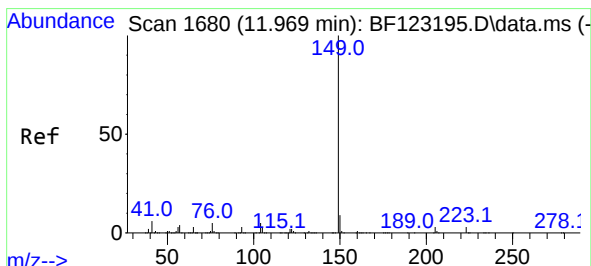
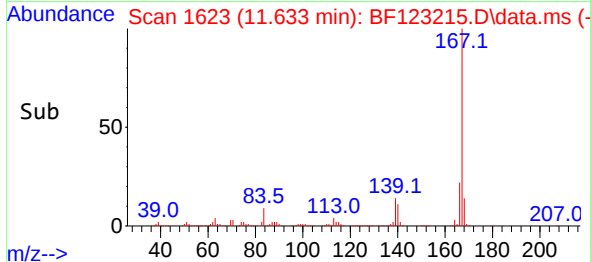
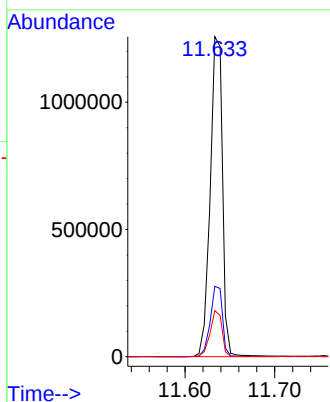


Tgt Ion:167 Resp: 1197098

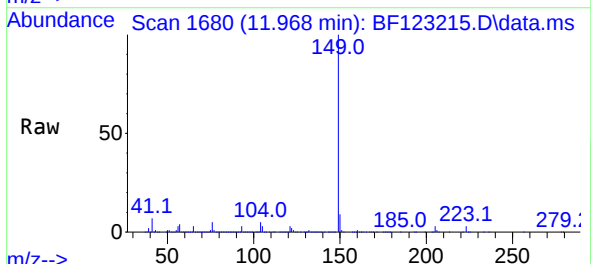
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.0  | 18.0  | 27.0  |
| 139 | 14.4  | 10.9  | 16.3  |

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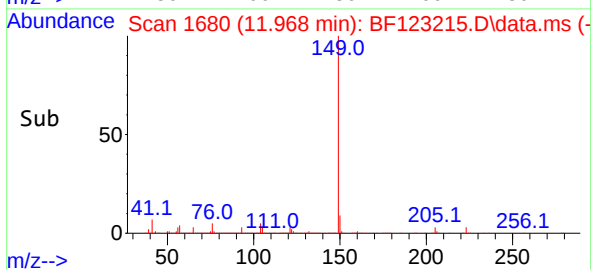
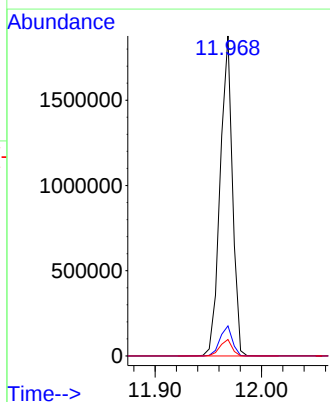


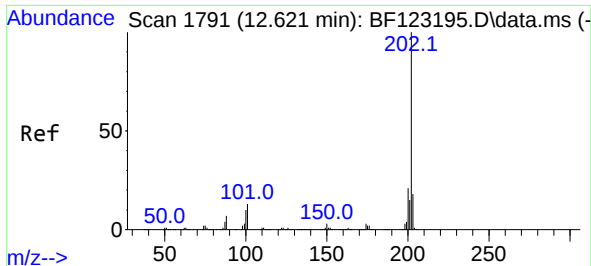
#74  
 Di-n-butylphthalate  
 Concen: 44.16 ng  
 RT: 11.968 min Scan# 1680  
 Delta R.T. -0.000 min  
 Lab File: BF123215.D  
 Acq: 17 Feb 2021 16:42



Tgt Ion:149 Resp: 1502957

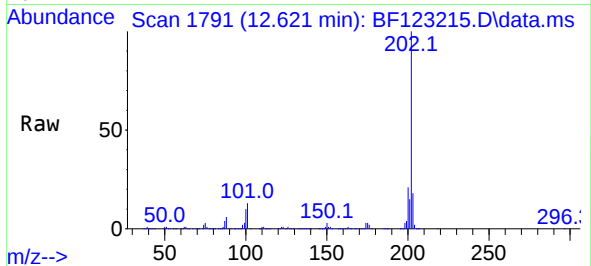
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.4   | 7.8   | 11.6  |
| 104 | 5.2   | 4.2   | 6.4   |





#75  
Fluoranthene  
Concen: 41.83 ng  
RT: 12.621 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42

Instrument :  
BNA\_F  
ClientSampleId :  
BU-03-021621MS

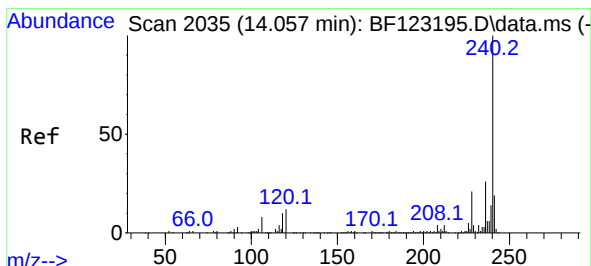
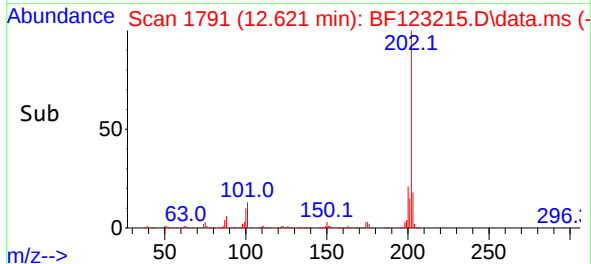
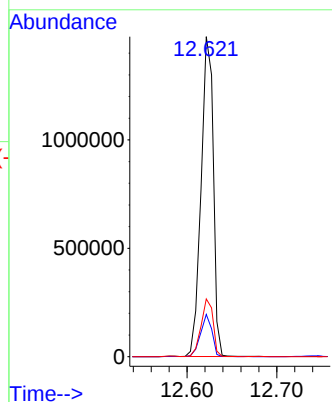


Tgt Ion:202 Resp: 1396424

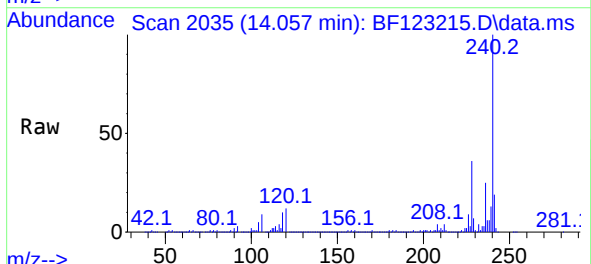
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 13.2  | 0.0   | 32.2  |
| 203 | 18.1  | 0.0   | 38.1  |

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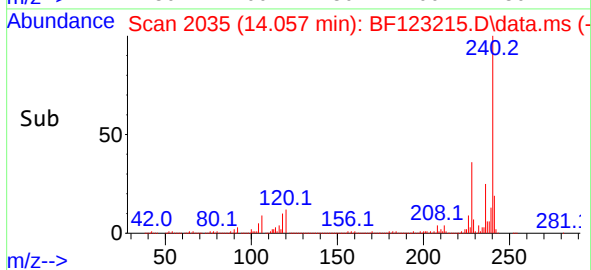
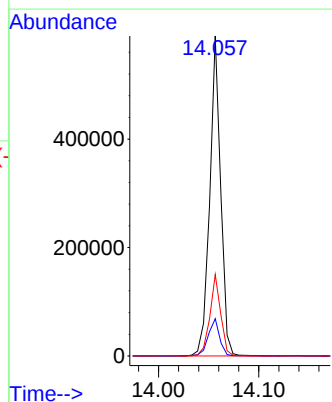


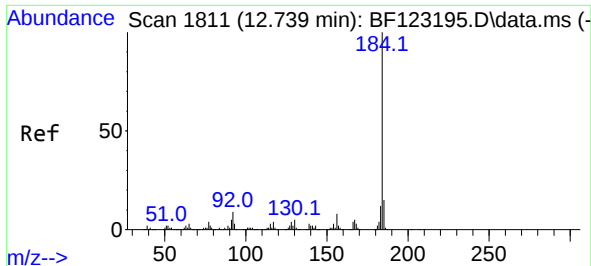
#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.057 min Scan# 2035  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42



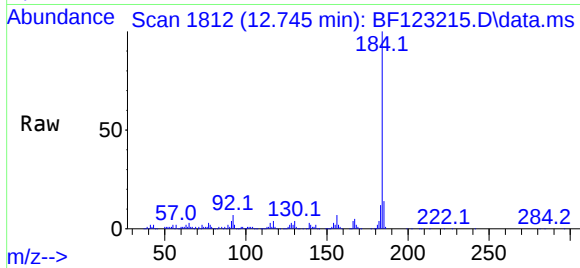
Tgt Ion:240 Resp: 449563

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 11.7  | 8.6   | 12.8  |
| 236 | 25.4  | 20.3  | 30.5  |

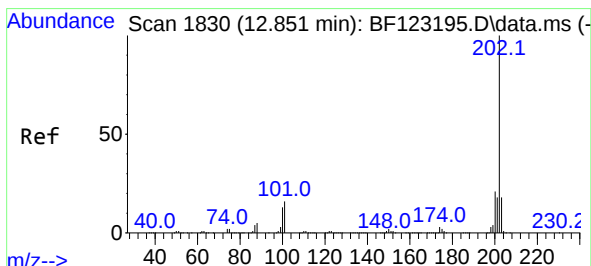
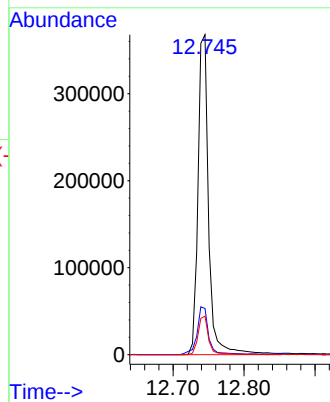
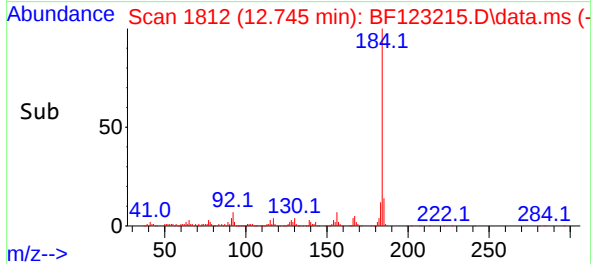




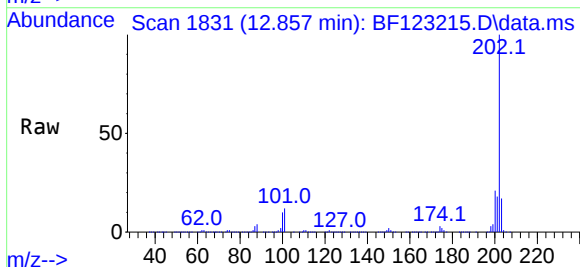
#77  
Benzidine  
Concen: 24.15 ng  
RT: 12.745 min Scan# 1812  
Delta R.T. 0.006 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42



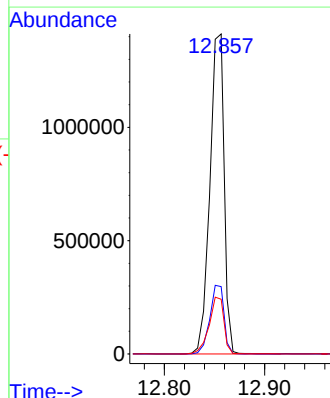
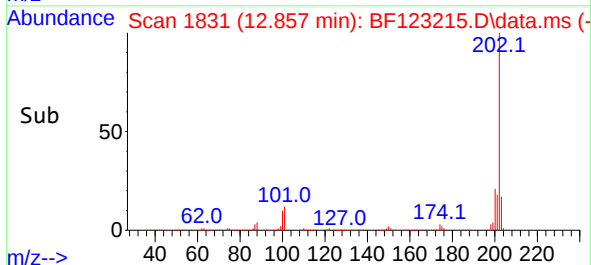
Tgt Ion:184 Resp: 384733  
Ion Ratio Lower Upper  
184 100  
185 14.5 11.8 17.6  
183 12.1 9.7 14.5



#78  
Pyrene  
Concen: 42.23 ng  
RT: 12.857 min Scan# 1831  
Delta R.T. 0.006 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42



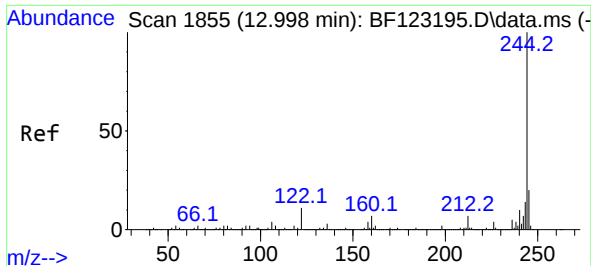
Tgt Ion:202 Resp: 1403527  
Ion Ratio Lower Upper  
202 100  
200 21.0 17.6 26.4  
203 17.1 14.6 21.8



Instrument :  
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ClientSampleId :  
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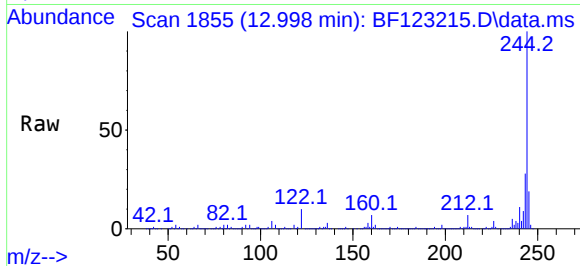
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#79  
Terphenyl-d14  
Concen: 69.38 ng  
RT: 12.998 min Scan# 1855  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42

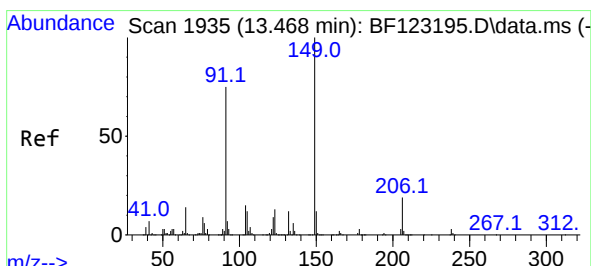
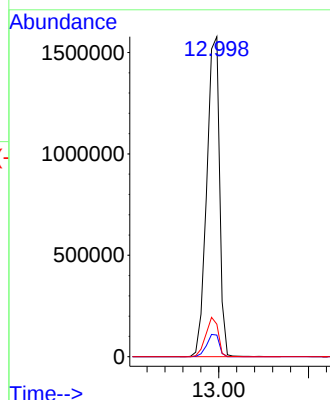
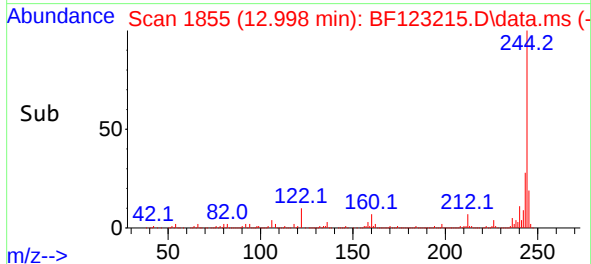
Instrument :  
BNA\_F  
ClientSampleId :  
BU-03-021621MS



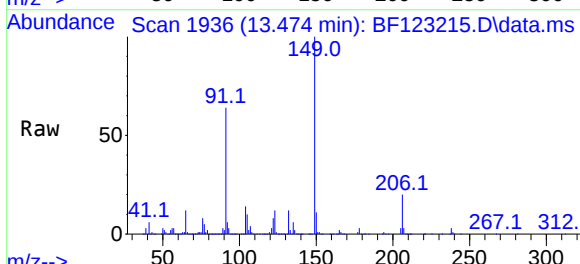
Tgt Ion:244 Resp: 1556318  
Ion Ratio Lower Upper  
244 100  
212 6.8 5.7 8.5  
122 10.1 8.3 12.5

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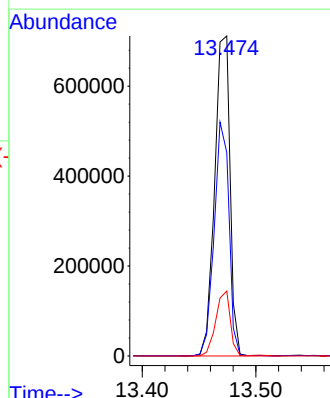
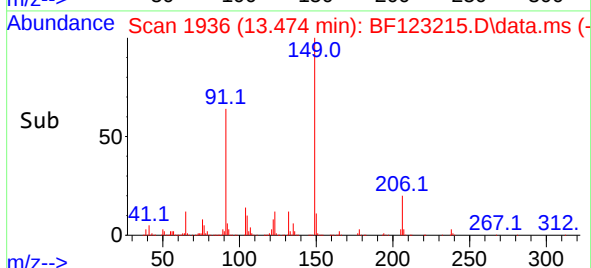
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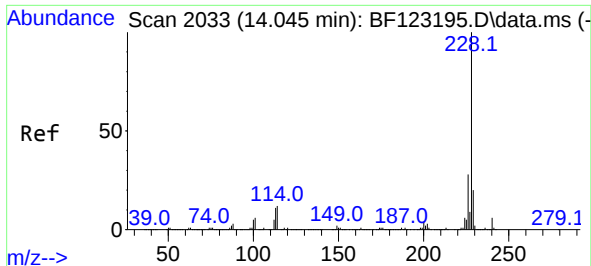


#80  
Butylbenzylphthalate  
Concen: 45.64 ng  
RT: 13.474 min Scan# 1936  
Delta R.T. 0.006 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42



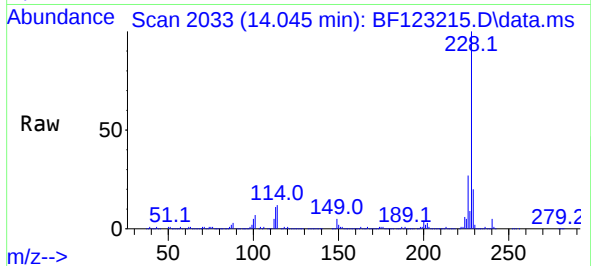
Tgt Ion:149 Resp: 670797  
Ion Ratio Lower Upper  
149 100  
91 63.6 56.5 84.7  
206 20.3 17.0 25.6





#81  
Benzo(a)anthracene  
Concen: 40.60 ng  
RT: 14.045 min Scan# 2033  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42

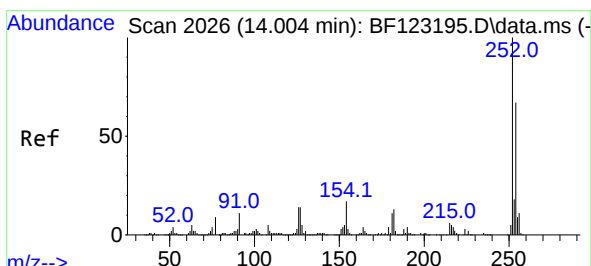
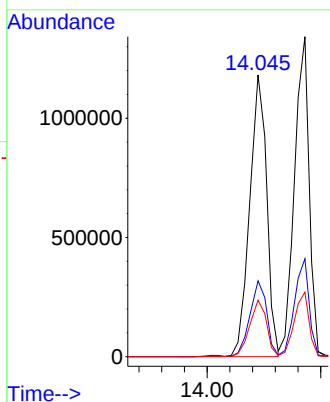
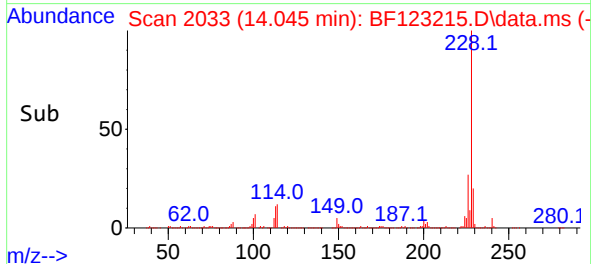
Instrument :  
BNA\_F  
ClientSampleId :  
BU-03-021621MS



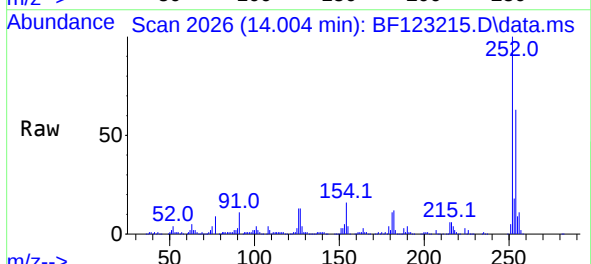
Tgt Ion:228 Resp: 1229410  
Ion Ratio Lower Upper  
228 100  
226 26.9 23.0 34.4  
229 20.1 16.6 24.8

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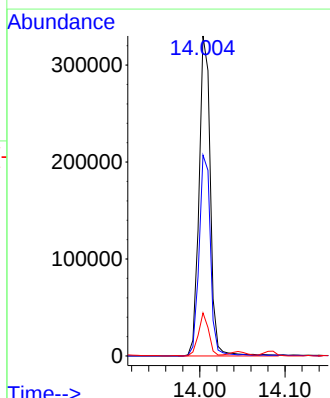
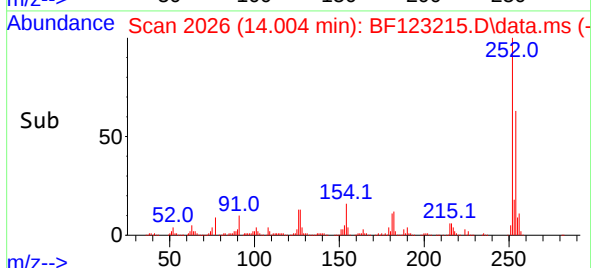
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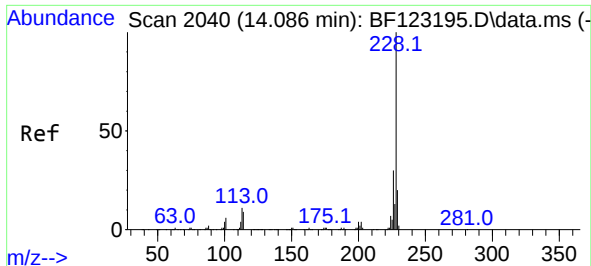


#82  
3,3'-Dichlorobenzidine  
Concen: 29.01 ng  
RT: 14.004 min Scan# 2026  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42



Tgt Ion:252 Resp: 304409  
Ion Ratio Lower Upper  
252 100  
254 62.8 52.7 79.1  
126 13.4 8.0 12.0#





#83  
Chrysene  
Concen: 40.31 ng  
RT: 14.086 min Scan# 2040  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42

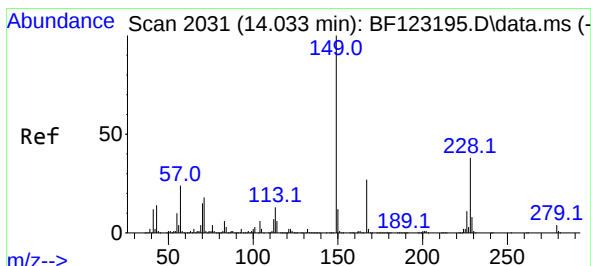
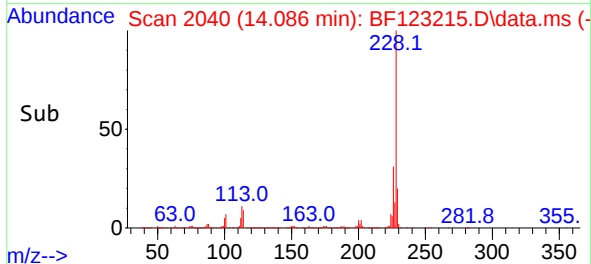
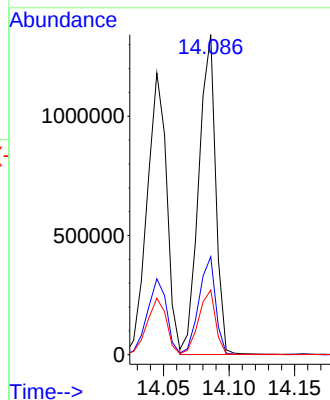
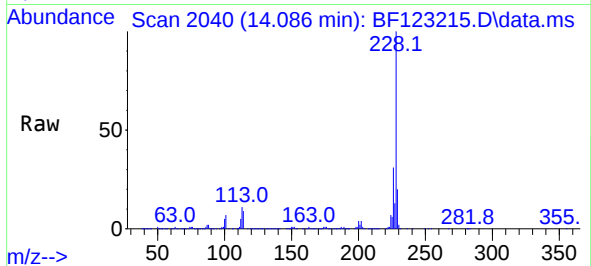
Tgt Ion:228 Resp: 1203222

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.6  | 24.6  | 36.8  |
| 229 | 20.2  | 15.8  | 23.6  |

Instrument :  
BNA\_F  
ClientSampleId :  
BU-03-021621MS

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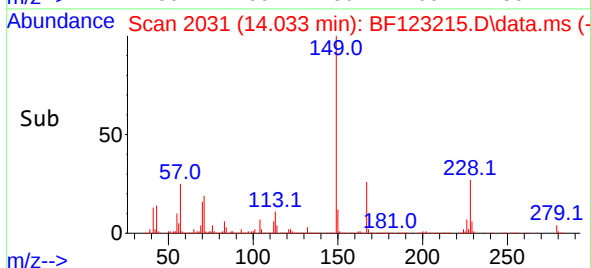
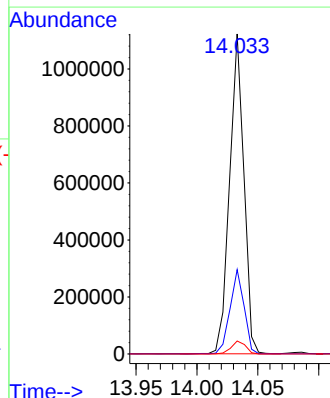
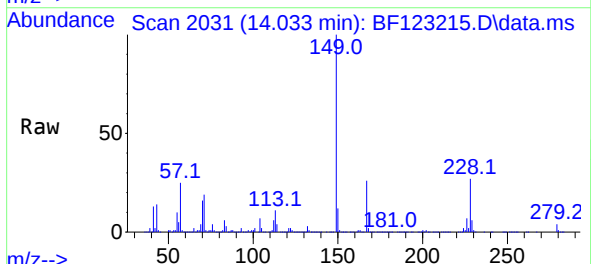
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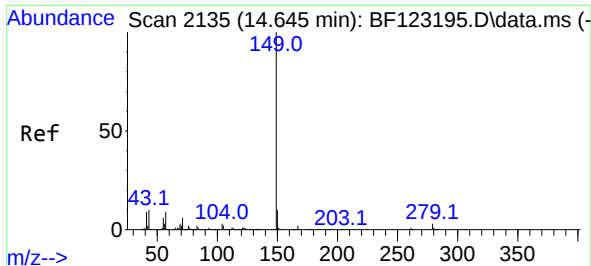


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 48.15 ng  
RT: 14.033 min Scan# 2031  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42

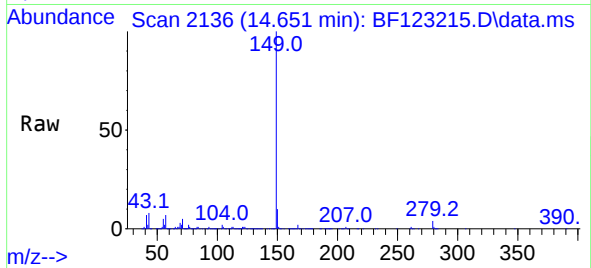
Tgt Ion:149 Resp: 918511

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 26.4  | 21.4  | 32.2  |
| 279 | 4.1   | 3.4   | 5.0   |

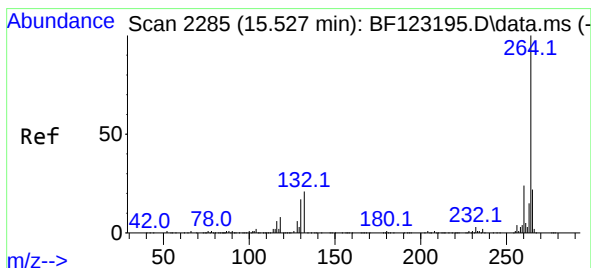
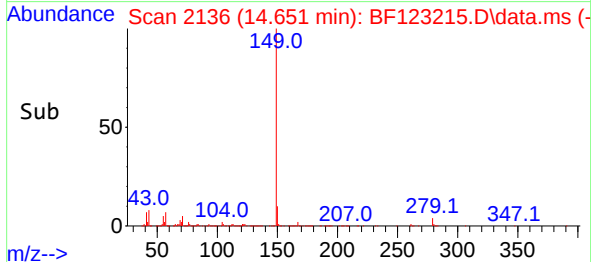
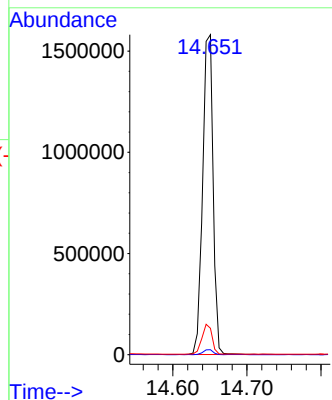




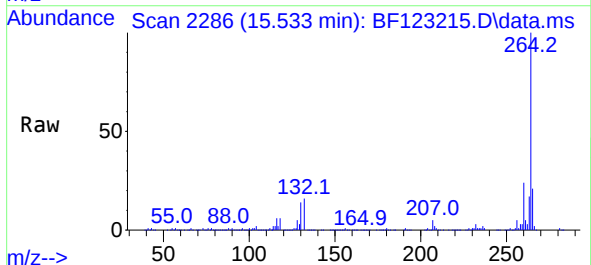
#85  
Di-n-octyl phthalate  
Concen: 47.15 ng  
RT: 14.651 min Scan# 2136  
Delta R.T. 0.006 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42



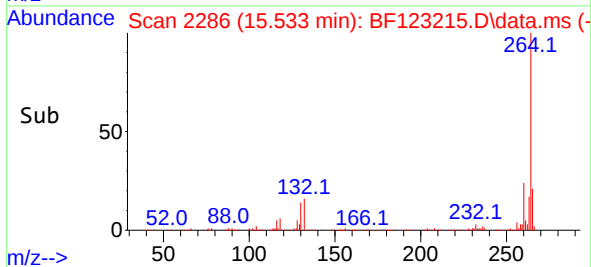
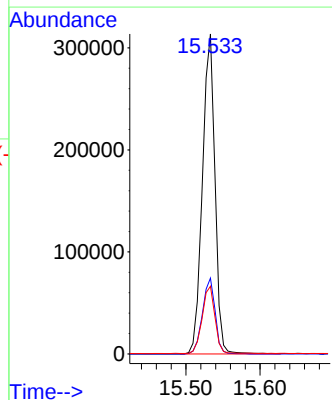
Tgt Ion:149 Resp: 1547198  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 9.0 7.6 11.4



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.533 min Scan# 2286  
Delta R.T. 0.006 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42



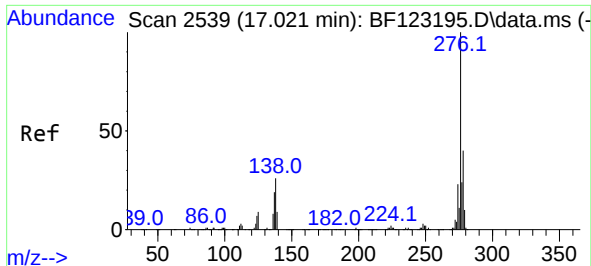
Tgt Ion:264 Resp: 369781  
Ion Ratio Lower Upper  
264 100  
260 23.7 18.6 28.0  
265 21.2 17.0 25.6



Instrument :  
BNA\_F  
ClientSampleId :  
BU-03-021621MS

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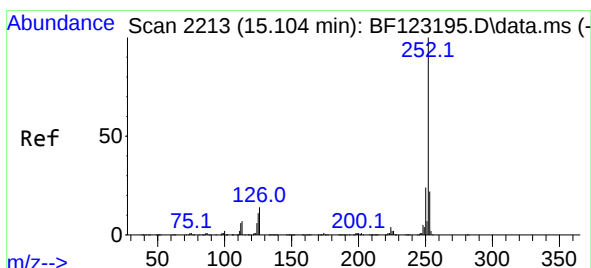
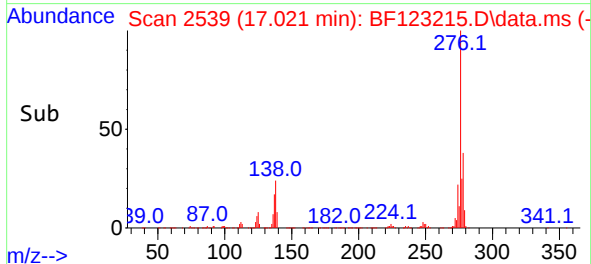
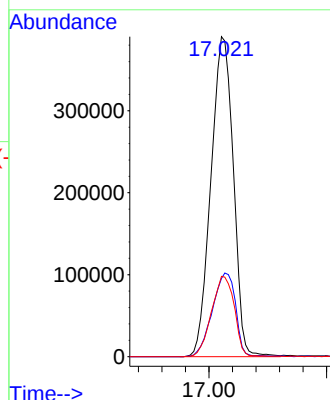
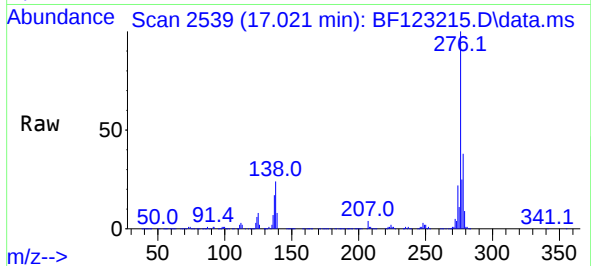
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 40.75 ng  
RT: 17.021 min Scan# 2539  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42

Instrument :  
BNA\_F  
ClientSampleId :  
BU-03-021621MS

Tgt Ion:276 Resp: 1035314  
Ion Ratio Lower Upper  
276 100  
138 27.2 18.7 28.1  
277 25.6 20.2 30.4

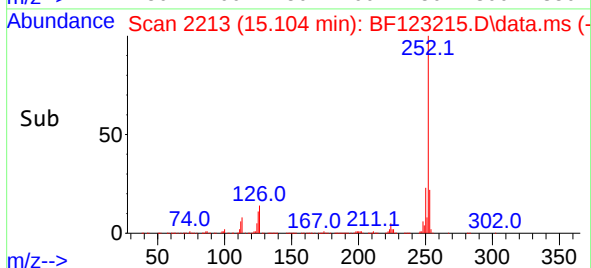
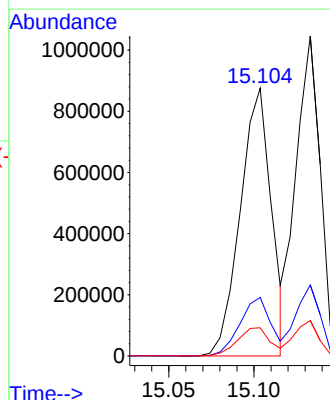
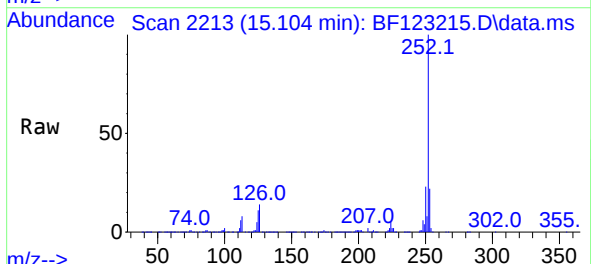
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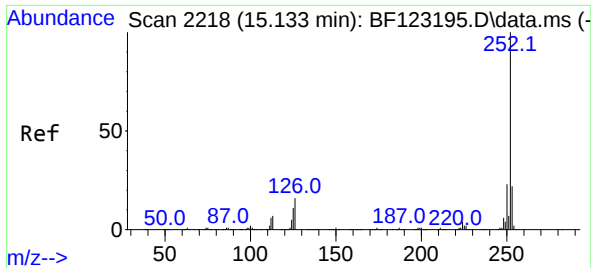
mohammad  
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#88  
Benzo(b)fluoranthene  
Concen: 42.76 ng  
RT: 15.104 min Scan# 2213  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42

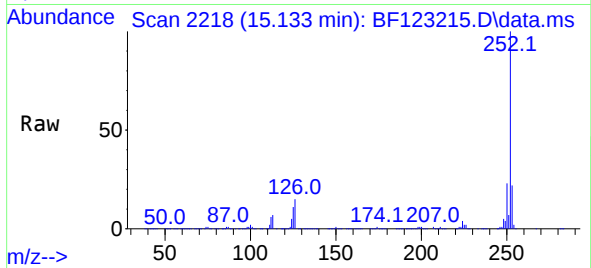
Tgt Ion:252 Resp: 1110917  
Ion Ratio Lower Upper  
252 100  
253 21.9 18.3 27.5  
125 10.5 8.1 12.1





#89  
Benzo(k)fluoranthene  
Concen: 43.61 ng  
RT: 15.133 min Scan# 2218  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42

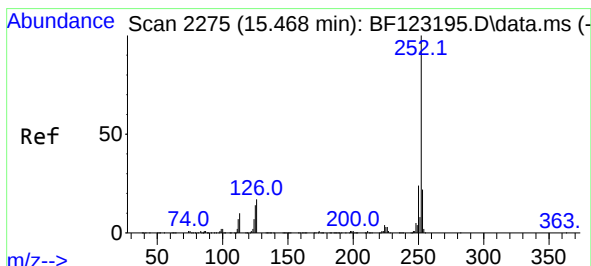
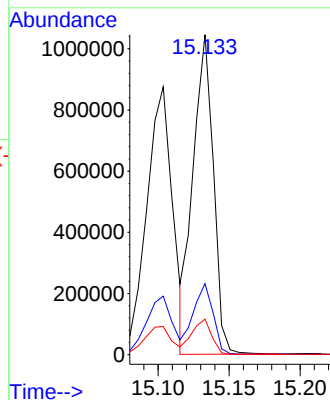
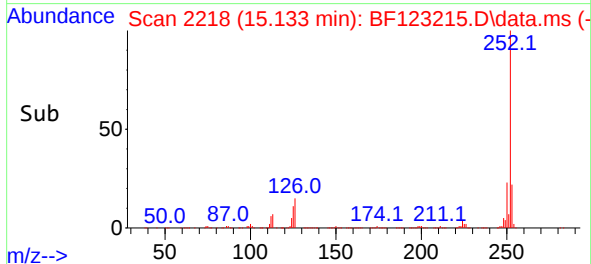
Instrument :  
BNA\_F  
ClientSampleId :  
BU-03-021621MS



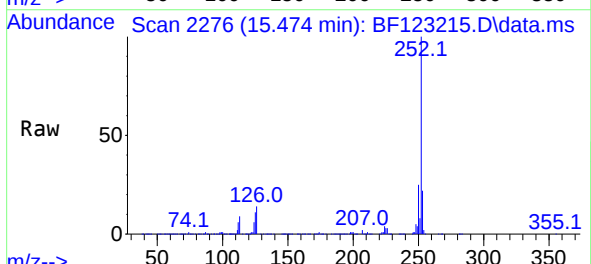
Tgt Ion:252 Resp: 1040994  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.8 26.8  
125 11.1 8.4 12.6

Manual Integrations  
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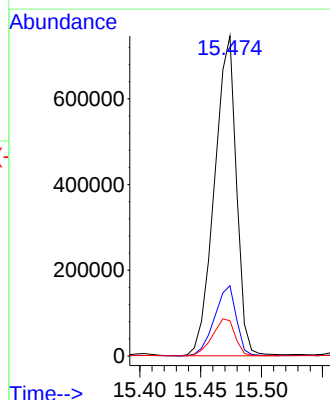
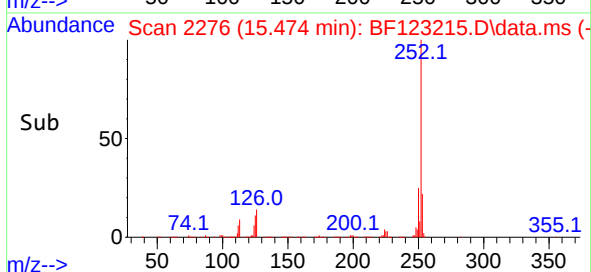
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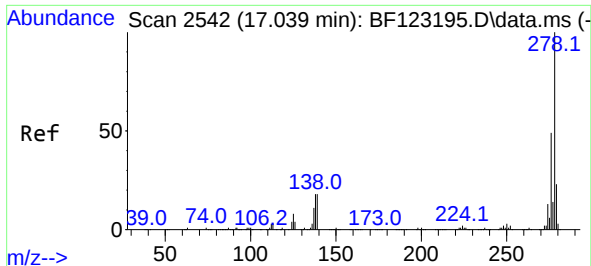


#90  
Benzo(a)pyrene  
Concen: 40.34 ng  
RT: 15.474 min Scan# 2276  
Delta R.T. 0.006 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42



Tgt Ion:252 Resp: 937077  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.5 26.3  
125 11.0 8.6 12.8





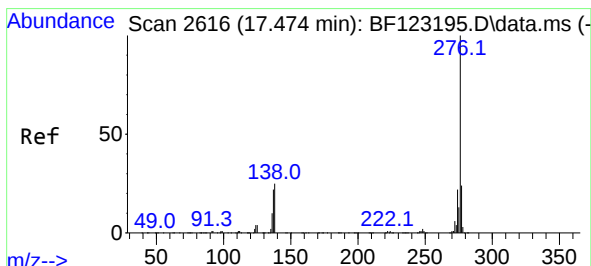
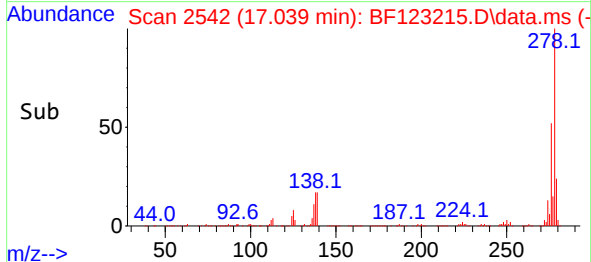
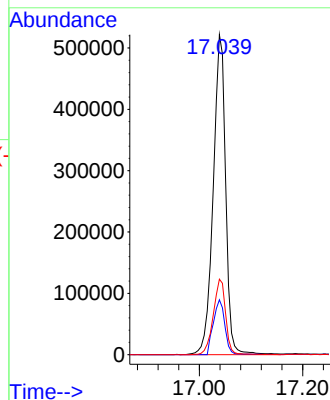
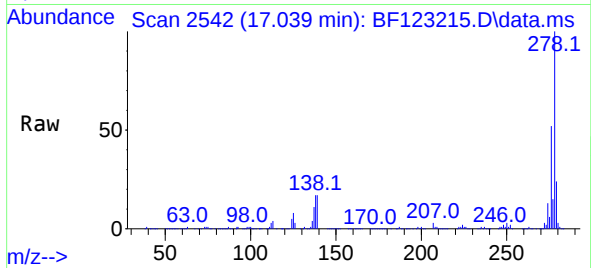
#91  
Dibenzo(a,h)anthracene  
Concen: 40.58 ng  
RT: 17.039 min Scan# 2542  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42

Tgt Ion:278 Resp: 874405  
Ion Ratio Lower Upper  
278 100  
139 17.1 12.0 18.0  
279 23.6 19.4 29.2

Instrument :  
BNA\_F  
ClientSampleId :  
BU-03-021621MS

Manual Integrations  
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#92  
Benzo(g,h,i)perylene  
Concen: 40.68 ng  
RT: 17.474 min Scan# 2616  
Delta R.T. -0.000 min  
Lab File: BF123215.D  
Acq: 17 Feb 2021 16:42

Tgt Ion:276 Resp: 852752  
Ion Ratio Lower Upper  
276 100  
277 23.3 19.3 28.9  
138 23.3 16.6 24.8

