

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121820\  
 Data File : BF122787.D  
 Acq On : 18 Dec 2020 16:03  
 Operator : JU/CG  
 Sample : L5125-02MS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DETENTION-LINE-1MS

Manual Integrations  
 APPROVED

mohammad  
 12/21/2020 10:42:31 AM

Quant Time: Dec 18 17:38:48 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF120520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 15 18:14:23 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.816  | 152  | 142751   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.104  | 136  | 560776   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.857  | 164  | 304629   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.345 | 188  | 583429   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.986 | 240  | 498573   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 15.439 | 264  | 481802   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.440  | 112  | 904663   | 100.33 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.457  | 99   | 1148262  | 96.02  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.387  | 82   | 726689   | 64.93  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.651 | 330  | 405790   | 101.77 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.181  | 172  | 1351337  | 60.00  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.927 | 244  | 1508376  | 52.96  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.605  | 88   | 166787   | 39.35  | ng    | 99       |
| 3) Pyridine                   | 3.340  | 79   | 460334   | 41.09  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.293  | 42   | 190347   | 42.37  | ng    | 98       |
| 6) Aniline                    | 6.481  | 93   | 351719   | 24.99  | ng    | 99       |
| 8) 2-Chlorophenol             | 6.604  | 128  | 463499   | 46.64  | ng    | 97       |
| 9) Benzaldehyde               | 6.363  | 77   | 152504   | 21.07  | ng    | 97       |
| 10) Phenol                    | 6.469  | 94   | 578945   | 46.72  | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 6.551  | 93   | 437296   | 46.19  | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 6.757  | 146  | 487636   | 41.47  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.834  | 146  | 497560   | 41.96  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 6.987  | 146  | 479087   | 41.86  | ng    | 99       |
| 15) Benzyl Alcohol            | 6.963  | 79   | 377723   | 45.87  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.098  | 45   | 540539   | 40.04  | ng    | 98       |
| 17) 2-Methylphenol            | 7.075  | 107  | 372231   | 47.12  | ng    | 100      |
| 18) Hexachloroethane          | 7.334  | 117  | 177469   | 42.00  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.240  | 70   | 294173   | 42.94  | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.234  | 107  | 438119   | 43.90  | ng    | 98       |
| 22) Acetophenone              | 7.228  | 105  | 569480   | 40.84  | ng    | # 97     |
| 24) Nitrobenzene              | 7.404  | 77   | 463648   | 41.64  | ng    | 98       |
| 25) Isophorone                | 7.645  | 82   | 851444   | 44.17  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.722  | 139  | 248182   | 45.70  | ng    | 91       |
| 27) 2,4-Dimethylphenol        | 7.763  | 122  | 402142   | 50.52  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.851  | 93   | 543573   | 41.17  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.963  | 162  | 400323   | 43.07  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.045  | 180  | 410458   | 38.97  | ng    | 98       |
| 31) Naphthalene               | 8.128  | 128  | 1283890  | 41.49  | ng    | 100      |
| 32) Benzoic acid              | 7.904  | 122  | 292266   | 46.08  | ng    | 99       |
| 33) 4-Chloroaniline           | 8.175  | 127  | 147898   | 11.43  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.245  | 225  | 249653   | 38.52  | ng    | 98       |
| 35) Caprolactam               | 8.551  | 113  | 128856m  | 46.03  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.669  | 107  | 416897   | 45.53  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.816  | 142  | 883613   | 43.17  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.916  | 142  | 812073   | 41.94  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.986  | 216  | 409195   | 40.55  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.975  | 237  | 381281   | 85.47  | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 9.098  | 196  | 286948   | 41.18  | ng    | 98       |

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 QLast Update : Tue Dec 15 18:14:23 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.139  | 196  | 316378   | 43.92  | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.281  | 154  | 1066027  | 42.17  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.304  | 162  | 835308   | 39.88  | ng    | 99       |
| 48) 2-Nitroaniline            | 9.404  | 65   | 247472   | 40.52  | ng    | 94       |
| 49) Acenaphthylene            | 9.722  | 152  | 1308550  | 42.29  | ng    | 100      |
| 50) Dimethylphthalate         | 9.586  | 163  | 1140921  | 46.90  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.645  | 165  | 234643   | 45.67  | ng    | 91       |
| 52) Acenaphthene              | 9.892  | 154  | 921635m  | 46.04  | ng    |          |
| 53) 3-Nitroaniline            | 9.816  | 138  | 118401   | 19.94  | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.928  | 184  | 251628   | 100.16 | ng    | 97       |
| 55) Dibenzofuran              | 10.069 | 168  | 1185123  | 42.09  | ng    | 99       |
| 56) 4-Nitrophenol             | 9.986  | 139  | 368694   | 87.09  | ng    | 90       |
| 57) 2,4-Dinitrotoluene        | 10.051 | 165  | 312769   | 45.70  | ng    | 98       |
| 58) Fluorene                  | 10.410 | 166  | 912092   | 40.73  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.186 | 232  | 273750   | 43.26  | ng    | 99       |
| 60) Diethylphthalate          | 10.281 | 149  | 1003538  | 42.41  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.398 | 204  | 446948   | 40.53  | ng    | 99       |
| 62) 4-Nitroaniline            | 10.433 | 138  | 238805   | 39.62  | ng    | 95       |
| 63) Azobenzene                | 10.557 | 77   | 924160   | 42.49  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.463 | 198  | 182761   | 51.37  | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.522 | 169  | 851855   | 41.32  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.886 | 248  | 321209   | 40.63  | ng    | 97       |
| 68) Hexachlorobenzene         | 10.957 | 284  | 347059   | 39.71  | ng    | 98       |
| 69) Atrazine                  | 11.045 | 200  | 256908   | 38.37  | ng    | 99       |
| 70) Pentachlorophenol         | 11.157 | 266  | 380257   | 82.12  | ng    | 99       |
| 71) Phenanthrene              | 11.369 | 178  | 1421211  | 40.99  | ng    | 100      |
| 72) Anthracene                | 11.422 | 178  | 1464693  | 42.60  | ng    | 100      |
| 73) Carbazole                 | 11.575 | 167  | 1331186  | 42.69  | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.904 | 149  | 1594829  | 40.70  | ng    | 100      |
| 75) Fluoranthene              | 12.557 | 202  | 1527167  | 42.00  | ng    | 99       |
| 77) Benzidine                 | 12.680 | 184  | 521688   | 48.38  | ng    | 99       |
| 78) Pyrene                    | 12.786 | 202  | 1547141  | 40.14  | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.404 | 149  | 705430   | 40.63  | ng    | 99       |
| 81) Benzo(a)anthracene        | 13.980 | 228  | 1364934  | 40.96  | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 13.939 | 252  | 315333   | 26.42  | ng    | 98       |
| 83) Chrysene                  | 14.016 | 228  | 1377685  | 41.55  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.963 | 149  | 972151   | 40.89  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.574 | 149  | 1668855  | 42.31  | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.898 | 276  | 1339981  | 42.37  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.021 | 252  | 1492077  | 44.14  | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.051 | 252  | 1235323  | 39.97  | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.386 | 252  | 1215635  | 41.10  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.910 | 278  | 1099334  | 42.47  | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 17.333 | 276  | 1109960  | 44.31  | ng    | 99       |

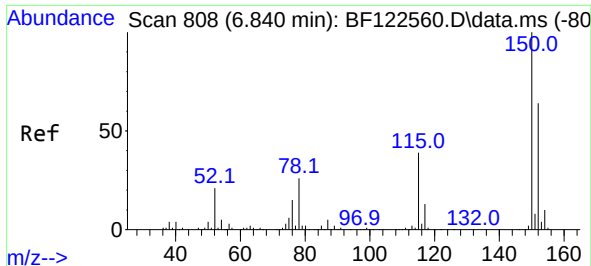
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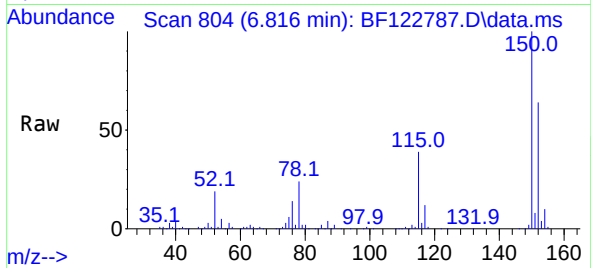
Abundance

TIC: BF122787.D\data.ms

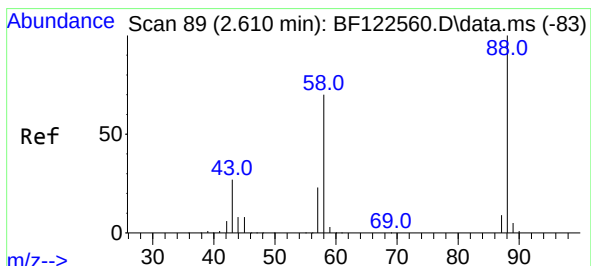
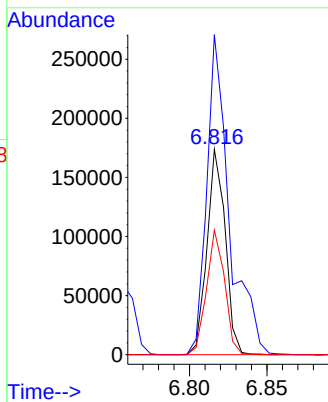
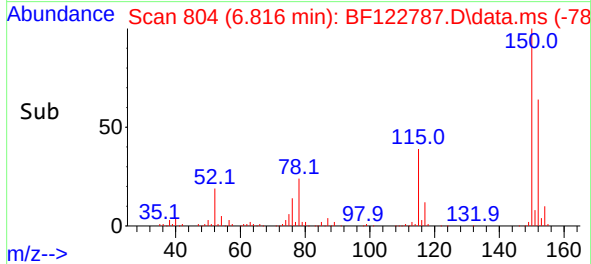
Time-->



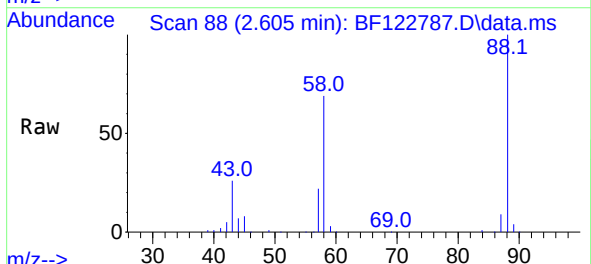
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.816 min Scan# 804  
Delta R.T. -0.006 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03



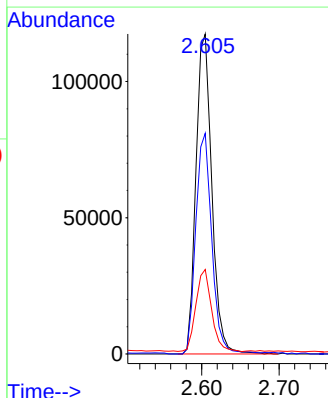
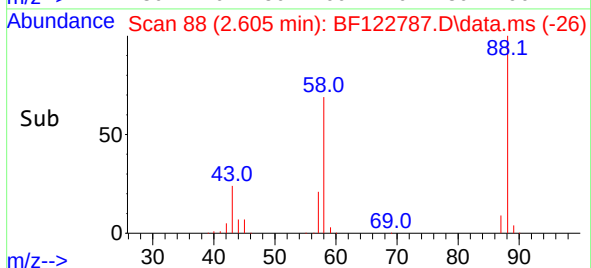
Tgt Ion:152 Resp: 142751  
Ion Ratio Lower Upper  
152 100  
150 155.8 125.8 188.6  
115 60.7 49.3 73.9



#2  
1,4-Dioxane  
Concen: 39.35 ng  
RT: 2.605 min Scan# 88  
Delta R.T. 0.065 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03



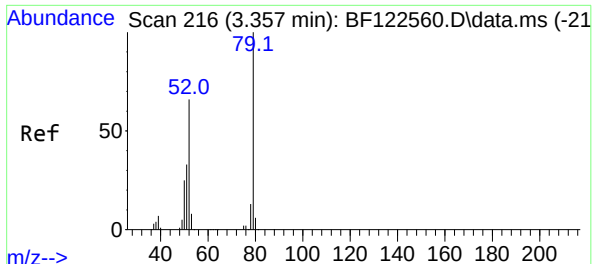
Tgt Ion: 88 Resp: 166787  
Ion Ratio Lower Upper  
88 100  
58 69.8 56.2 84.2  
43 25.4 21.8 32.6



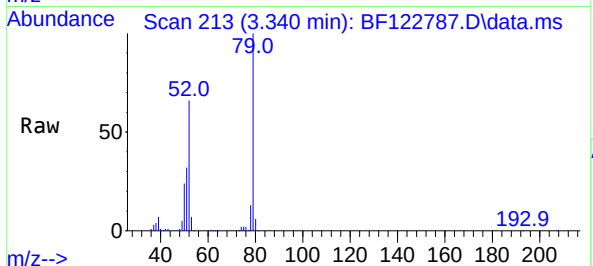
Instrument :  
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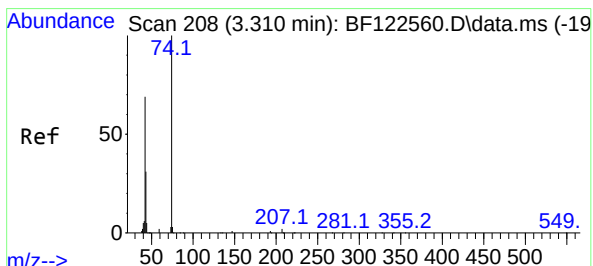
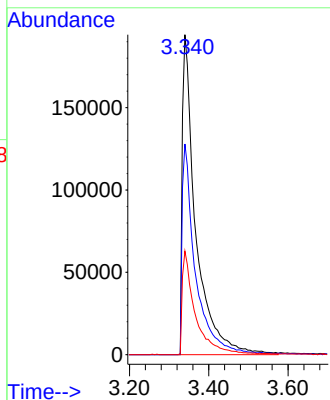
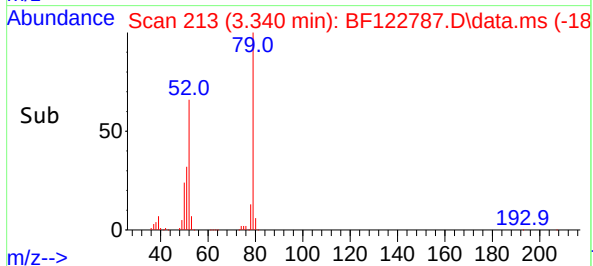
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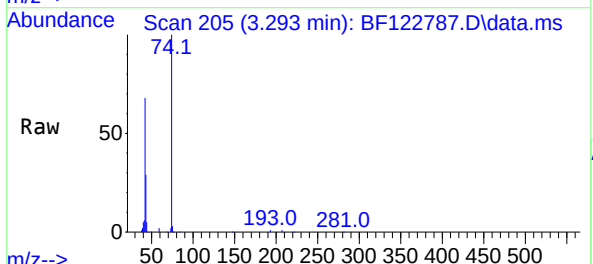
#3  
Pyridine  
Concen: 41.09 ng  
RT: 3.340 min Scan# 213  
Delta R.T. 0.053 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03



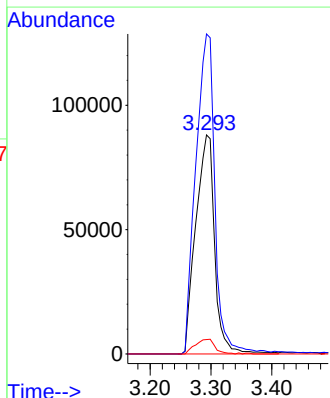
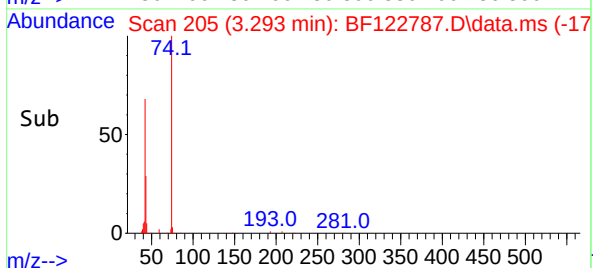
Tgt Ion: 79 Resp: 460334  
Ion Ratio Lower Upper  
79 100  
52 65.9 53.0 79.4  
51 32.3 26.6 39.8



#4  
n-Nitrosodimethylamine  
Concen: 42.37 ng  
RT: 3.293 min Scan# 205  
Delta R.T. 0.053 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03



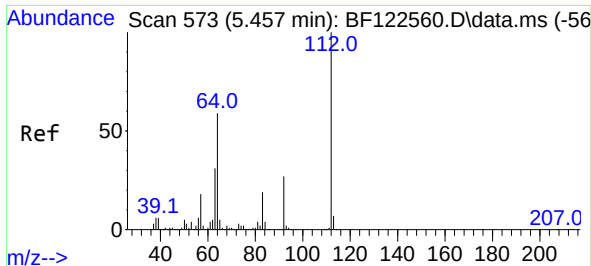
Tgt Ion: 42 Resp: 190347  
Ion Ratio Lower Upper  
42 100  
74 146.1 115.2 172.8  
44 6.6 5.4 8.0



Instrument :  
BNA\_F  
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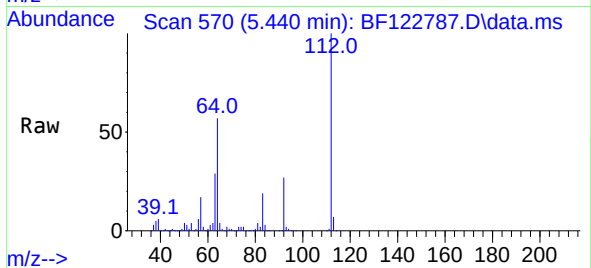
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#5  
2-Fluorophenol  
Concen: 100.33 ng  
RT: 5.440 min Scan# 570  
Delta R.T. 0.006 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

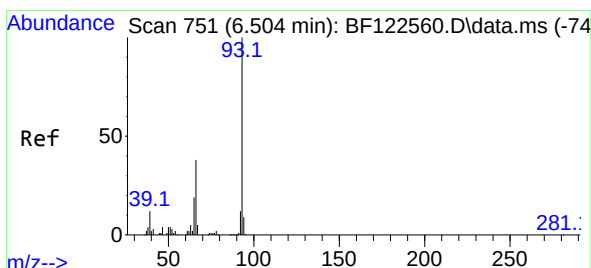
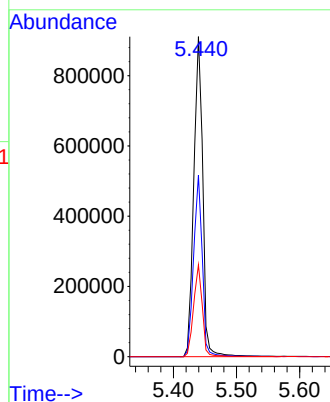
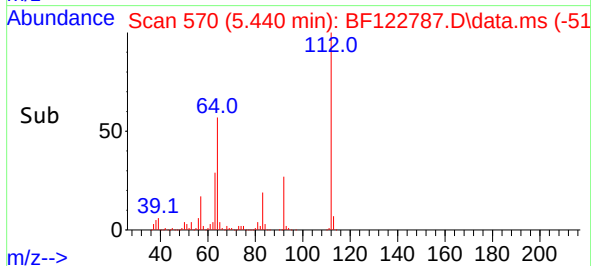
Instrument :  
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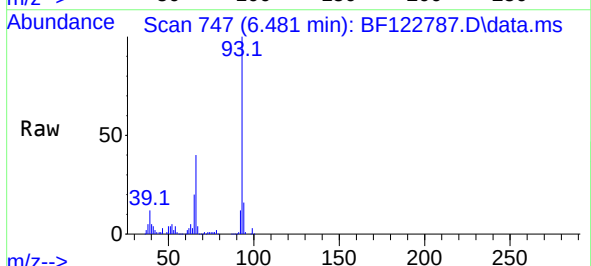
Tgt Ion:112 Resp: 904663  
Ion Ratio Lower Upper  
112 100  
64 56.7 46.9 70.3  
63 28.7 24.5 36.7

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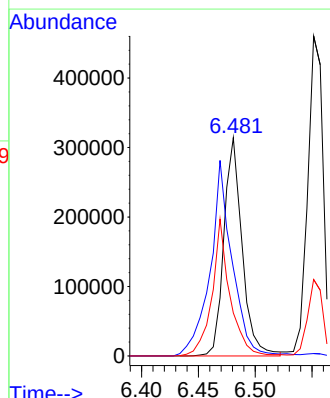
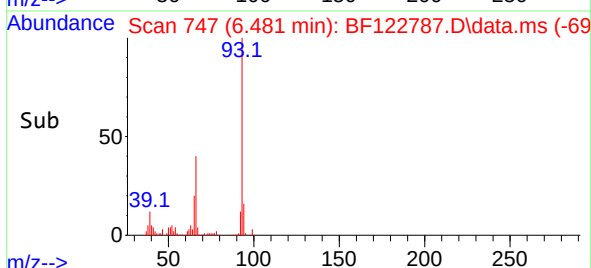
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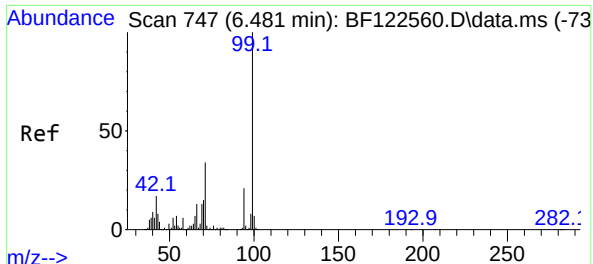


#6  
Aniline  
Concen: 24.99 ng  
RT: 6.481 min Scan# 747  
Delta R.T. -0.006 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

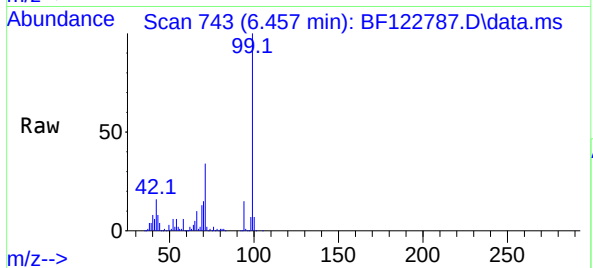


Tgt Ion: 93 Resp: 351719  
Ion Ratio Lower Upper  
93 100  
66 40.3 31.3 46.9  
65 19.7 15.6 23.4



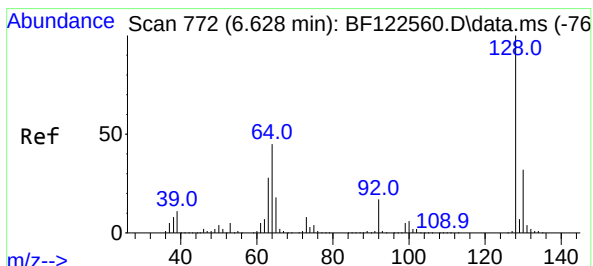
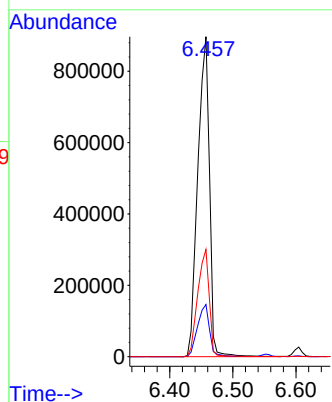
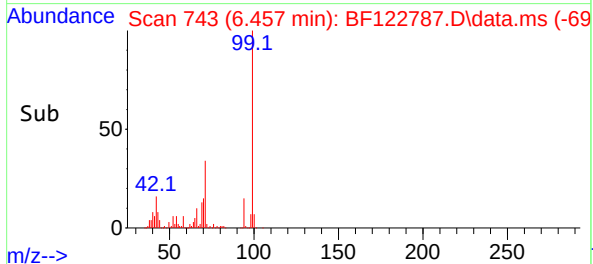


#7  
Phenol-d6  
Concen: 96.02 ng  
RT: 6.457 min Scan# 743  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

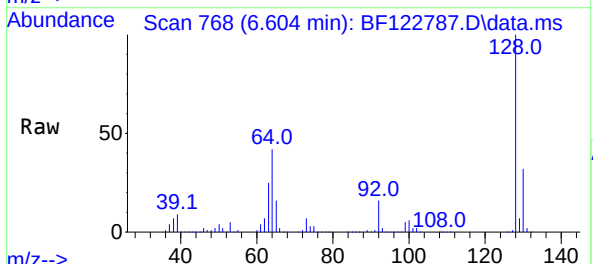


Tgt Ion: 99 Resp: 1148262

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.3  | 13.8  | 20.6  |
| 71  | 33.5  | 26.9  | 40.3  |

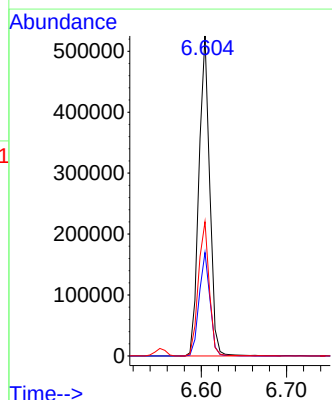
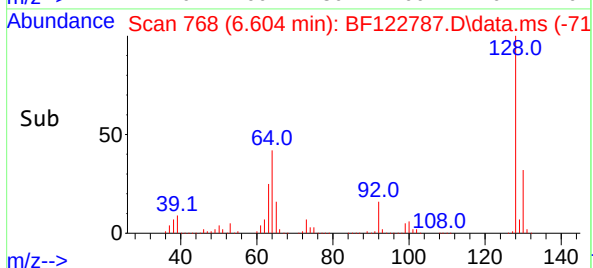


#8  
2-Chlorophenol  
Concen: 46.64 ng  
RT: 6.604 min Scan# 768  
Delta R.T. -0.006 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03



Tgt Ion: 128 Resp: 463499

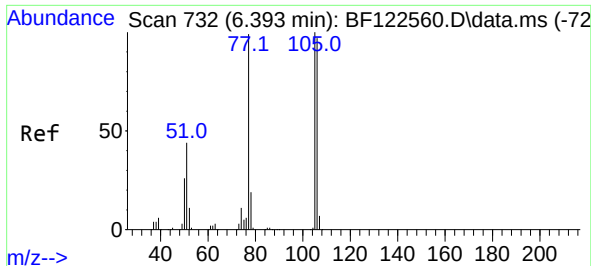
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.4  | 12.3  | 52.3  |
| 64  | 42.0  | 25.5  | 65.5  |



Instrument :  
BNA\_F  
ClientSampleId :  
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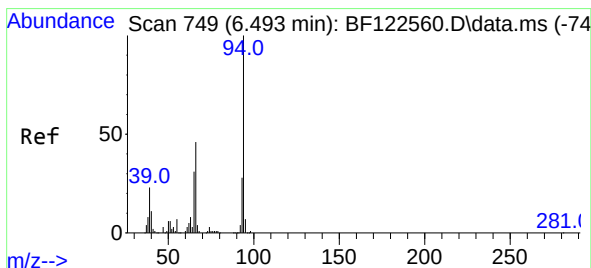
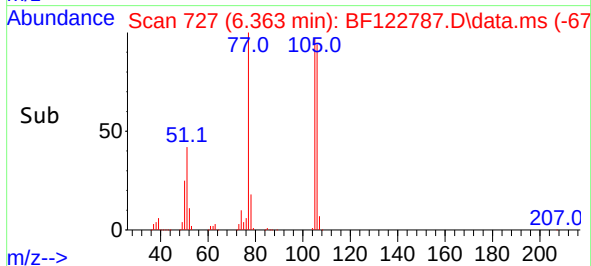
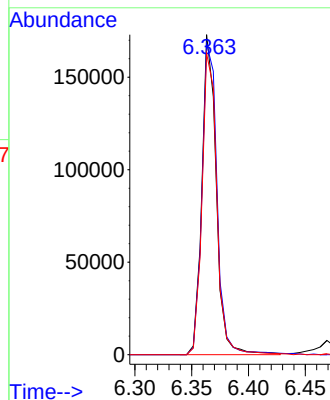
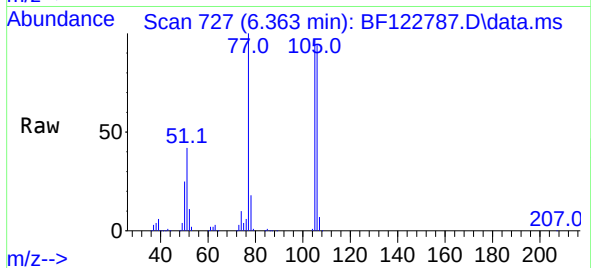
#9  
Benzaldehyde  
Concen: 21.07 ng  
RT: 6.363 min Scan# 727  
Delta R.T. -0.012 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

Tgt Ion: 77 Resp: 152504  
Ion Ratio Lower Upper  
77 100  
105 97.2 80.6 120.6  
106 94.2 77.2 117.2

Instrument :  
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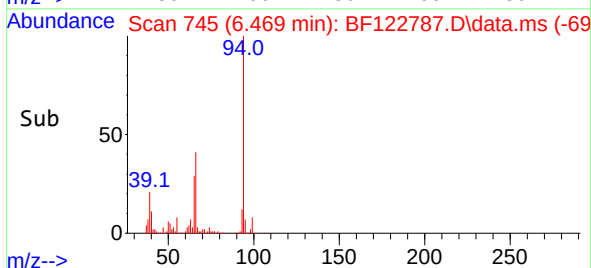
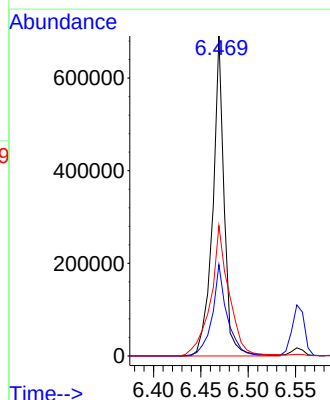
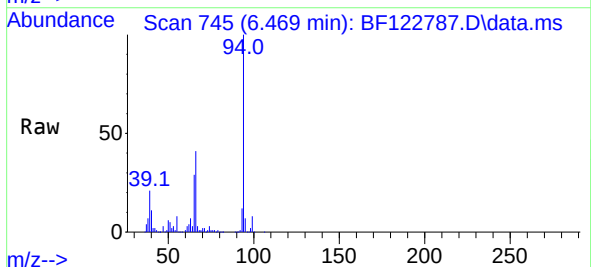
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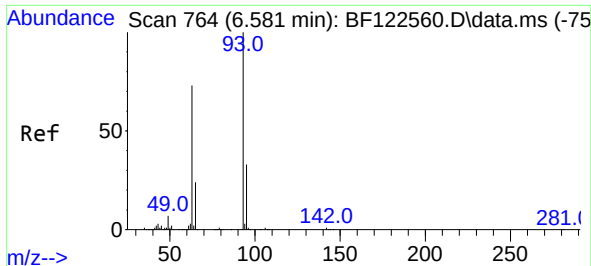


#10  
Phenol  
Concen: 46.72 ng  
RT: 6.469 min Scan# 745  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

Tgt Ion: 94 Resp: 578945  
Ion Ratio Lower Upper  
94 100  
65 28.5 11.2 51.2  
66 40.7 25.8 65.8

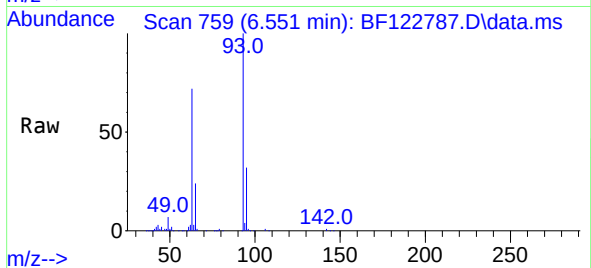






#11  
bis(2-Chloroethyl)ether  
Concen: 46.19 ng  
RT: 6.551 min Scan# 759  
Delta R.T. -0.012 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

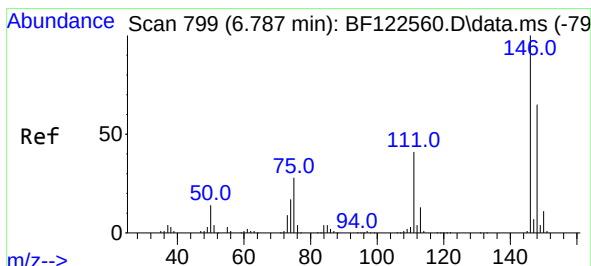
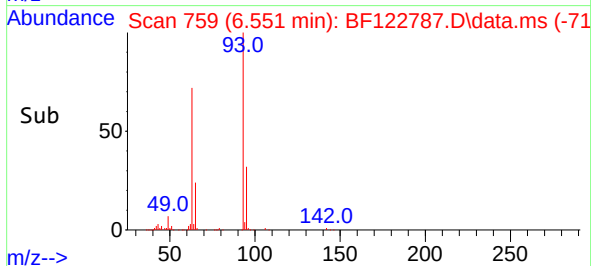
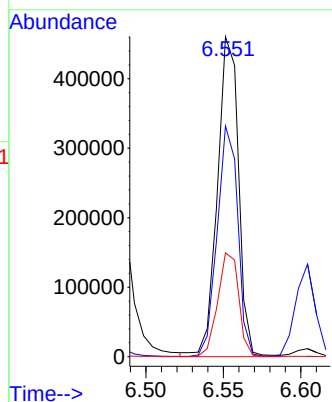
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ClientSampleId :  
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Tgt Ion: 93 Resp: 437296  
Ion Ratio Lower Upper  
93 100  
63 72.1 52.6 92.6  
95 32.5 12.6 52.6

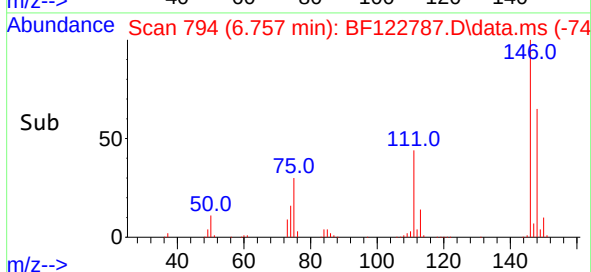
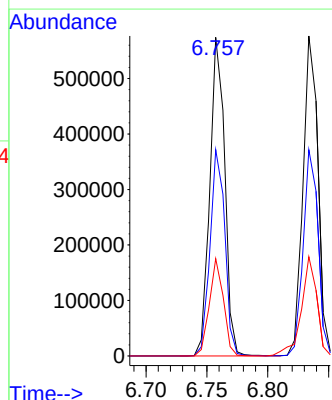
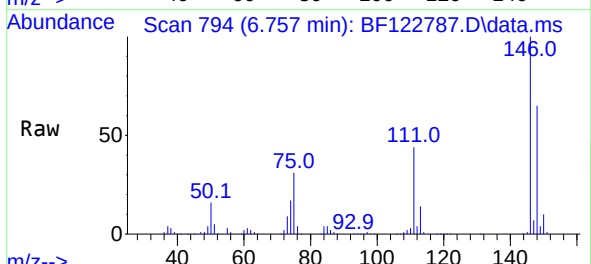
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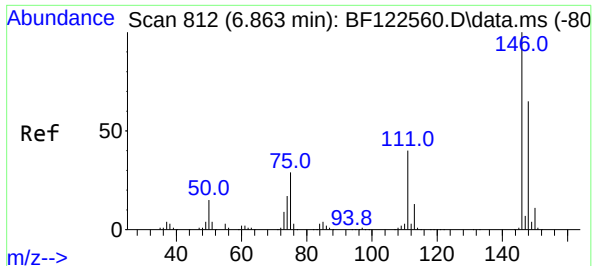
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#12  
1,3-Dichlorobenzene  
Concen: 41.47 ng  
RT: 6.757 min Scan# 794  
Delta R.T. -0.006 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

Tgt Ion: 146 Resp: 487636  
Ion Ratio Lower Upper  
146 100  
148 64.7 51.8 77.8  
75 30.6 22.5 33.7





#13

1,4-Dichlorobenzene

Concen: 41.96 ng

RT: 6.834 min Scan# 807

Delta R.T. -0.006 min

Lab File: BF122787.D

Acq: 18 Dec 2020 16:03

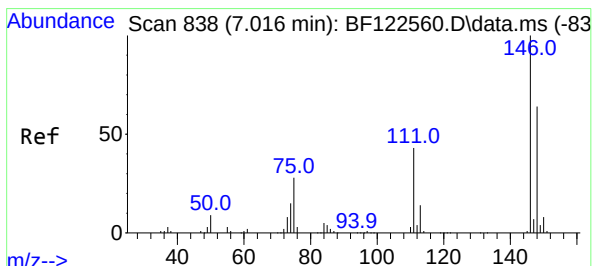
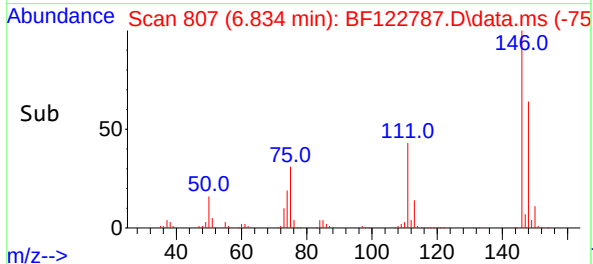
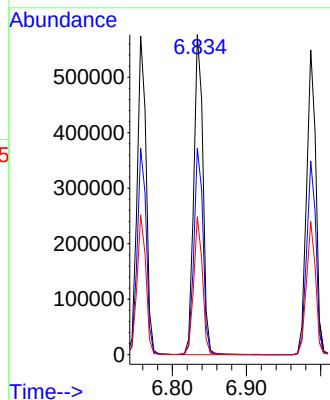
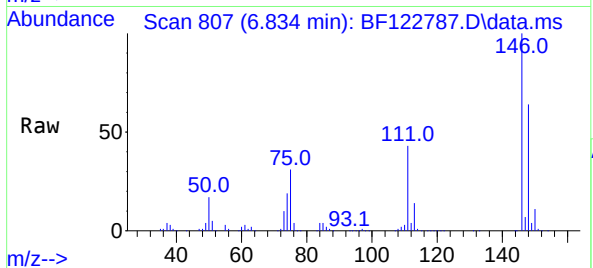
Tgt Ion:146 Resp: 497560

Ion Ratio Lower Upper

146 100

148 64.4 52.0 78.0

111 43.1 32.3 48.5



#14

1,2-Dichlorobenzene

Concen: 41.86 ng

RT: 6.987 min Scan# 833

Delta R.T. -0.006 min

Lab File: BF122787.D

Acq: 18 Dec 2020 16:03

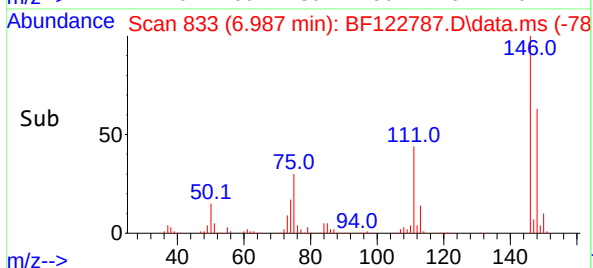
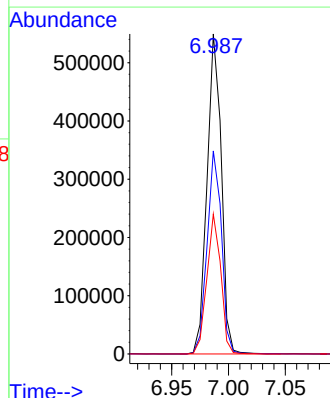
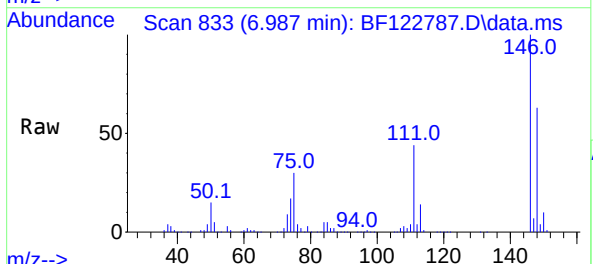
Tgt Ion:146 Resp: 479087

Ion Ratio Lower Upper

146 100

148 63.5 51.5 77.3

111 43.7 34.2 51.2



Instrument :

BNA\_F

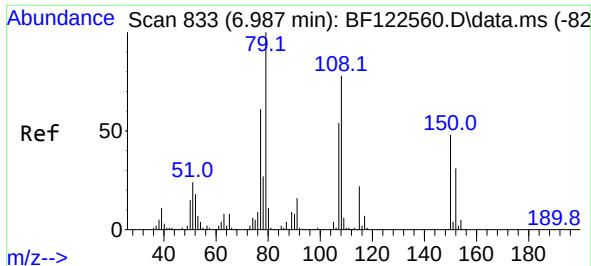
ClientSampleId :

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#15  
Benzyl Alcohol  
Concen: 45.87 ng  
RT: 6.963 min Scan# 829  
Delta R.T. -0.006 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

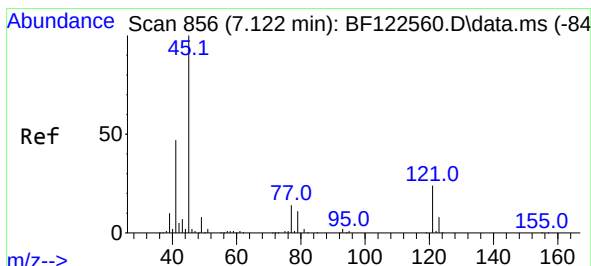
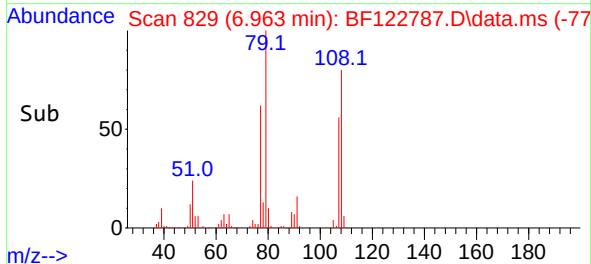
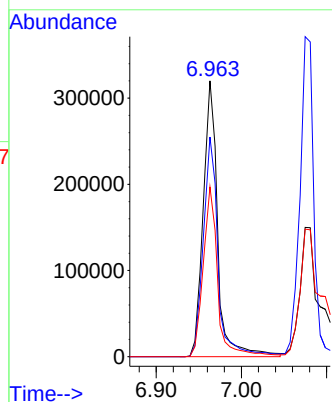
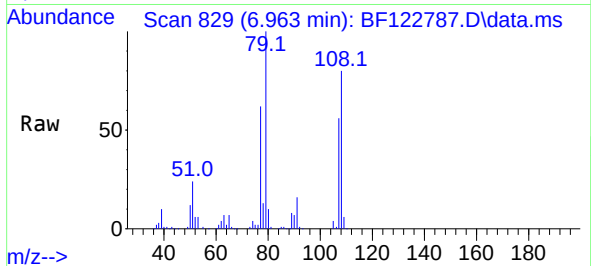
Tgt Ion: 79 Resp: 377723

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 108 | 79.7  | 62.4  | 93.6  |
| 77  | 61.6  | 49.0  | 73.6  |

Instrument :  
BNA\_F  
ClientSampleId :  
DETENTION-LINE-1MS

Manual Integrations  
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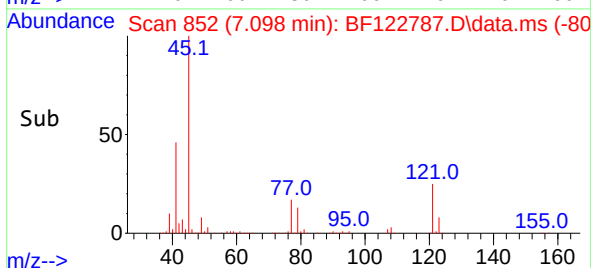
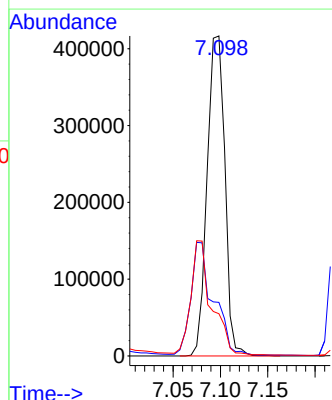
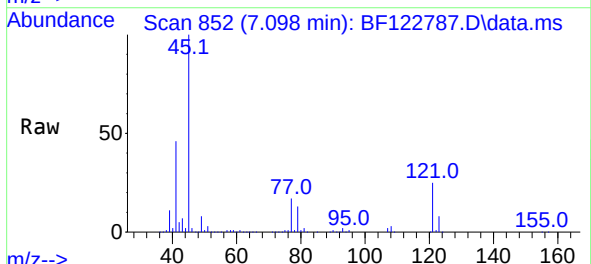
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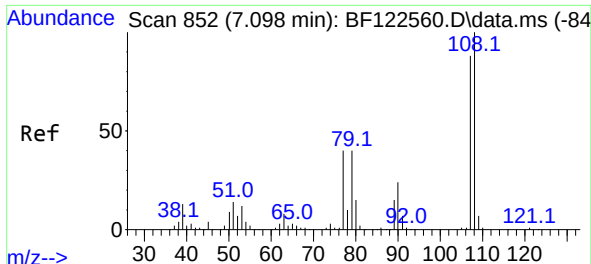


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.04 ng  
RT: 7.098 min Scan# 852  
Delta R.T. -0.006 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

Tgt Ion: 45 Resp: 540539

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 77  | 16.8  | 0.0   | 35.6  |
| 79  | 13.2  | 0.0   | 32.4  |





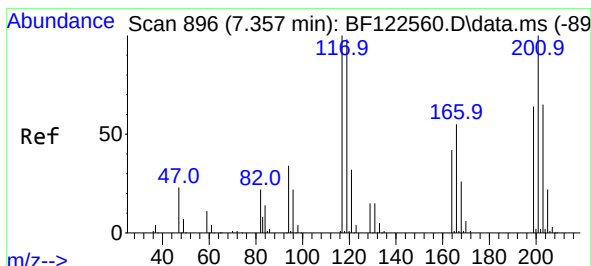
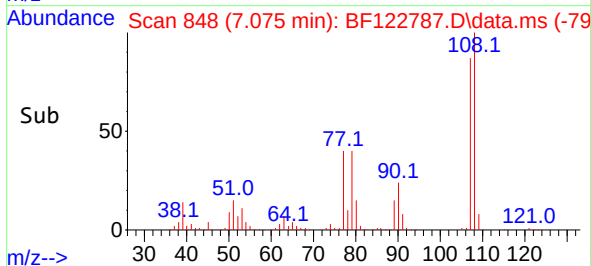
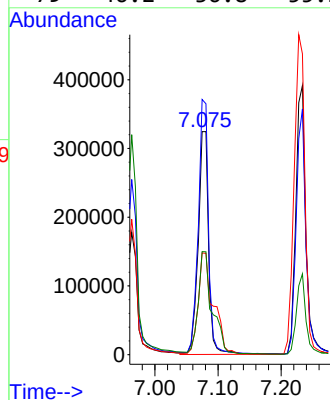
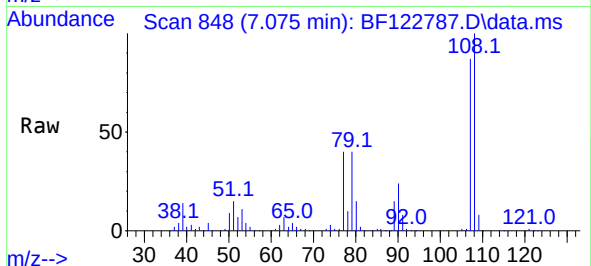
#17  
2-Methylphenol  
Concen: 47.12 ng  
RT: 7.075 min Scan# 848  
Delta R.T. -0.006 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 372231 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 114.4 | 91.1  | 136.7  |
| 77       | 45.6  | 36.3  | 54.5   |
| 79       | 46.2  | 36.8  | 55.2   |

Instrument :  
BNA\_F  
ClientSampleId :  
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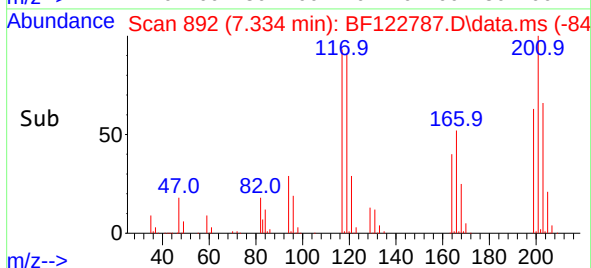
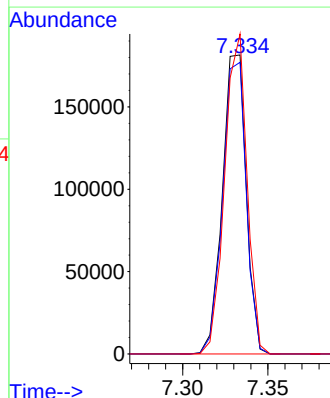
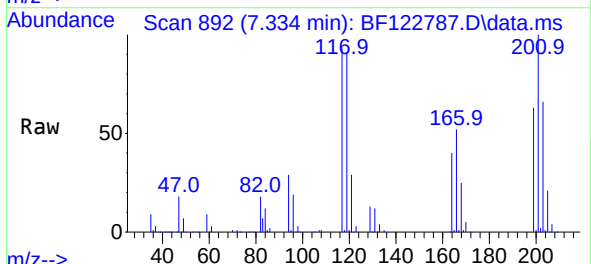
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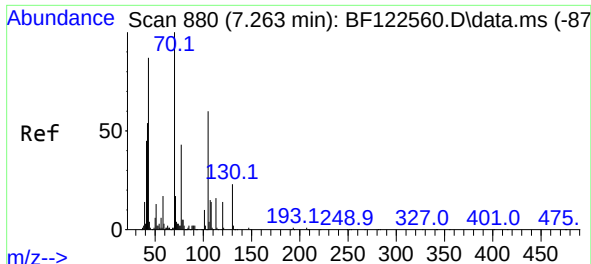
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#18  
Hexachloroethane  
Concen: 42.00 ng  
RT: 7.334 min Scan# 892  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

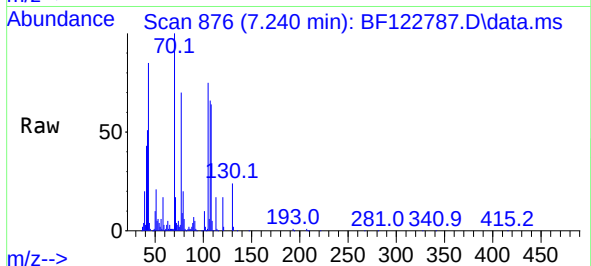
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 177469 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 97.5  | 78.4  | 117.6  |
| 201      | 107.0 | 79.6  | 119.4  |





#19  
n-Nitroso-di-n-propylamine  
Concen: 42.94 ng  
RT: 7.240 min Scan# 876  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

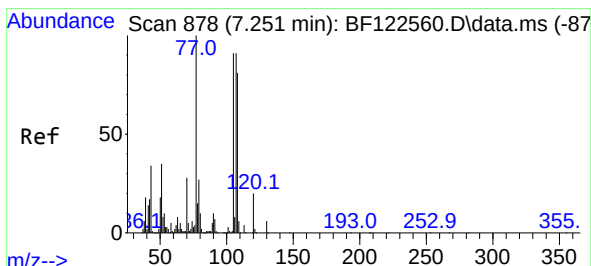
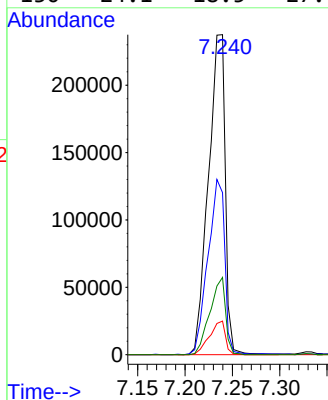
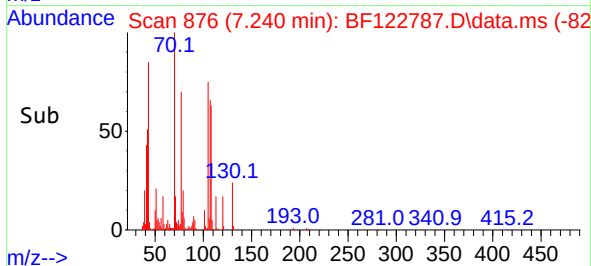
Instrument :  
BNA\_F  
ClientSampleId :  
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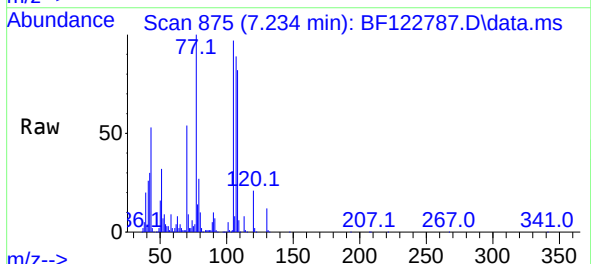
Tgt Ion: 70 Resp: 294173  
Ion Ratio Lower Upper  
70 100  
42 50.7 43.0 64.4  
101 10.5 7.9 11.9  
130 24.1 18.5 27.7

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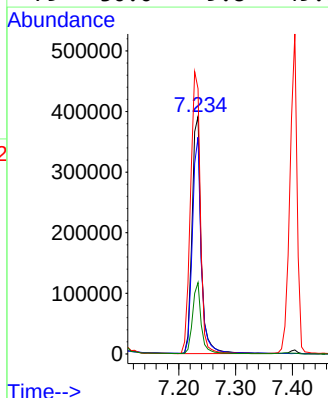
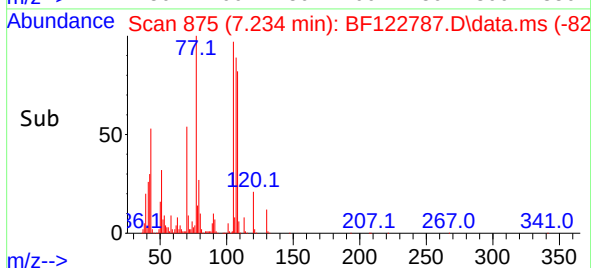
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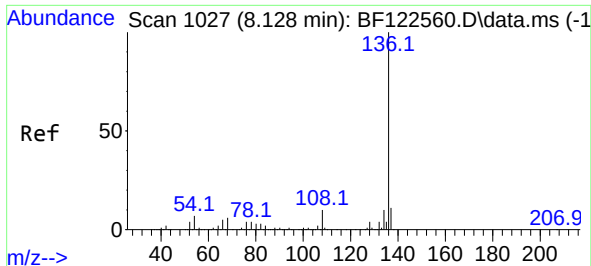


#20  
3+4-Methylphenols  
Concen: 43.90 ng  
RT: 7.234 min Scan# 875  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03



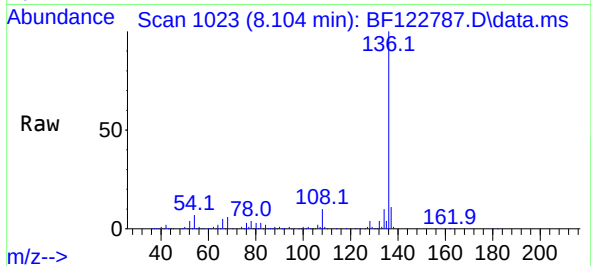
Tgt Ion: 107 Resp: 438119  
Ion Ratio Lower Upper  
107 100  
108 91.3 68.7 108.7  
77 111.7 89.8 129.8  
79 30.0 9.8 49.8





#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.104 min Scan# 1023  
Delta R.T. -0.006 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

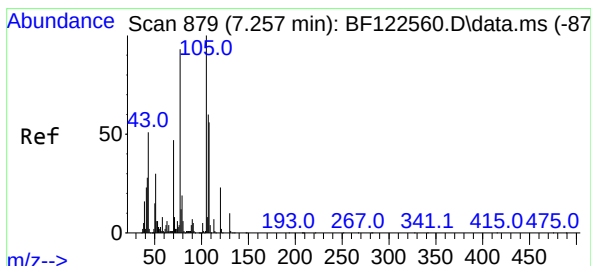
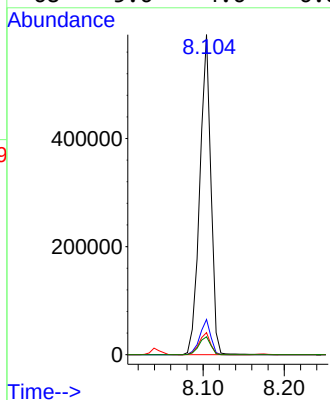
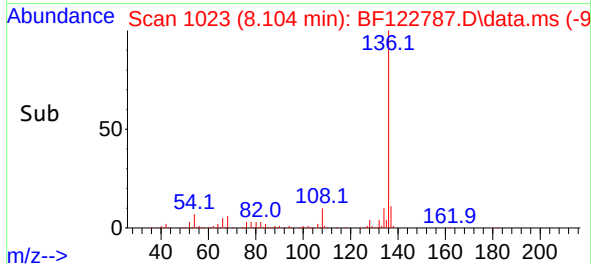
Instrument :  
BNA\_F  
ClientSampleId :  
DETENTION-LINE-1MS



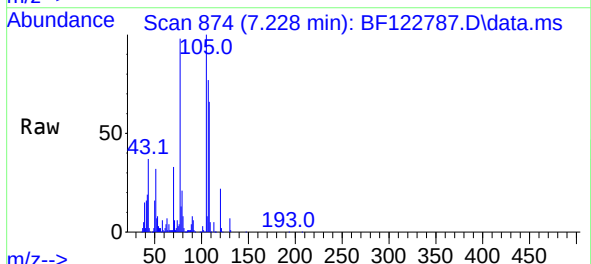
Tgt Ion:136 Resp: 560776  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.8 13.2  
54 6.9 5.5 8.3  
68 5.6 4.6 6.8

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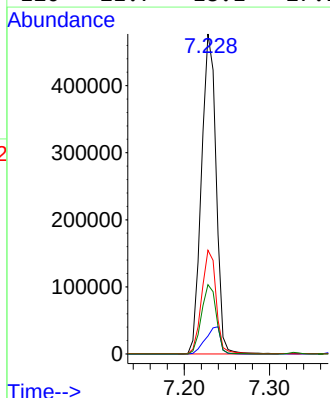
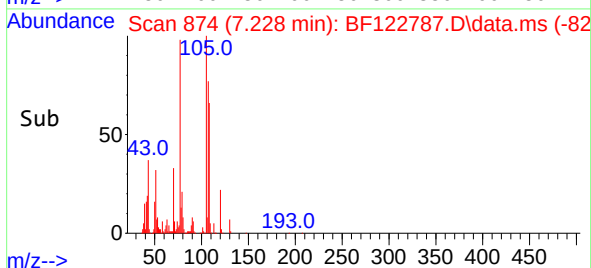
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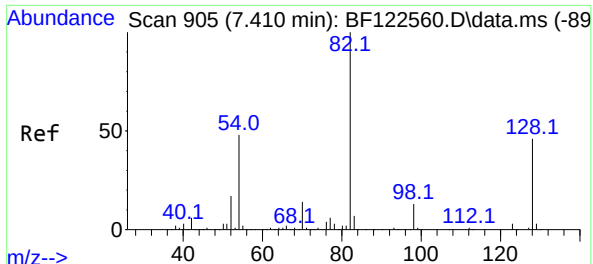


#22  
Acetophenone  
Concen: 40.84 ng  
RT: 7.228 min Scan# 874  
Delta R.T. -0.006 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03



Tgt Ion:105 Resp: 569480  
Ion Ratio Lower Upper  
105 100  
71 5.6 6.5 9.7#  
51 32.4 24.3 36.5  
120 21.7 18.1 27.1





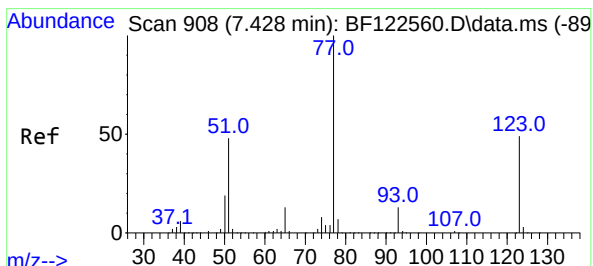
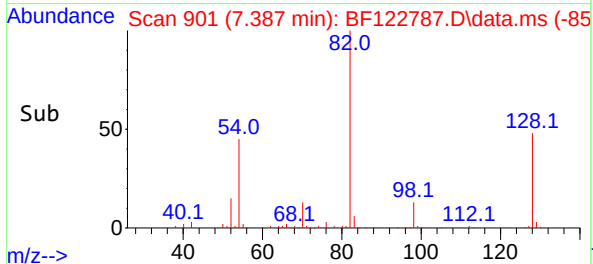
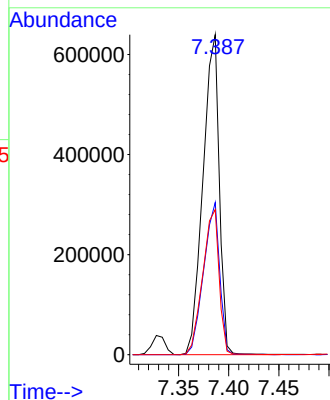
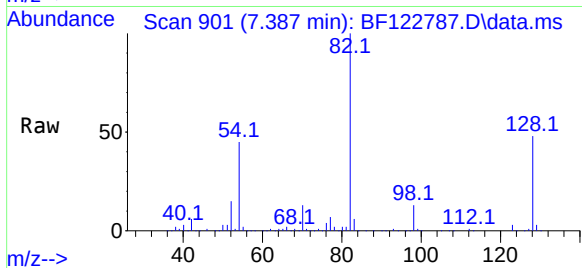
#23  
Nitrobenzene-d5  
Concen: 64.93 ng  
RT: 7.387 min Scan# 901  
Delta R.T. -0.006 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

Tgt Ion: 82 Resp: 726689  
Ion Ratio Lower Upper  
82 100  
128 47.5 37.0 55.4  
54 45.3 38.4 57.6

Instrument :  
BNA\_F  
ClientSampleId :  
DETENTION-LINE-1MS

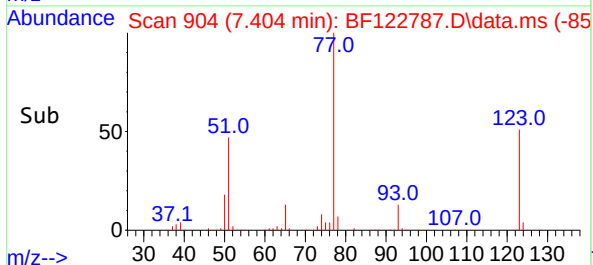
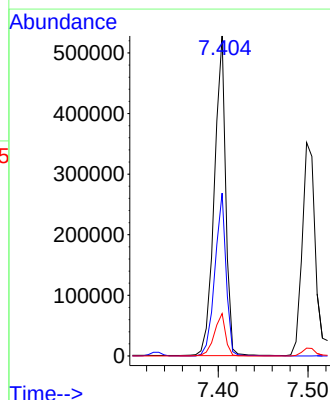
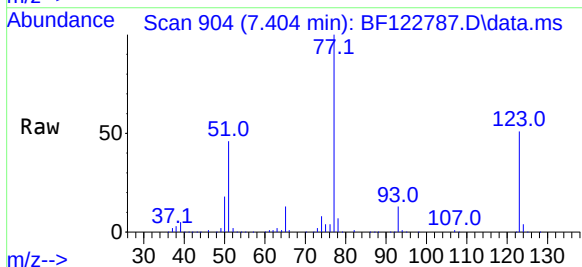
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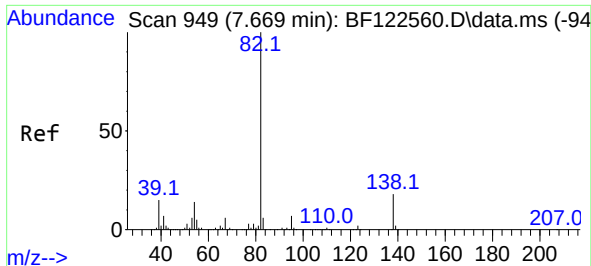
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#24  
Nitrobenzene  
Concen: 41.64 ng  
RT: 7.404 min Scan# 904  
Delta R.T. -0.006 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

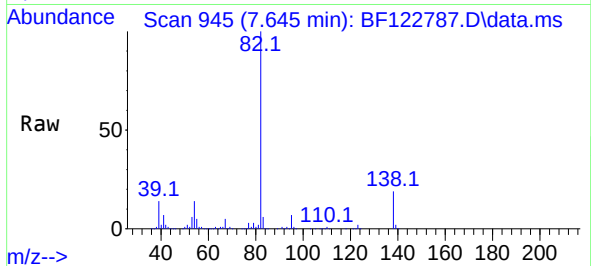
Tgt Ion: 77 Resp: 463648  
Ion Ratio Lower Upper  
77 100  
123 50.9 39.3 58.9  
65 13.3 10.6 15.8





#25  
Isophorone  
Concen: 44.17 ng  
RT: 7.645 min Scan# 945  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

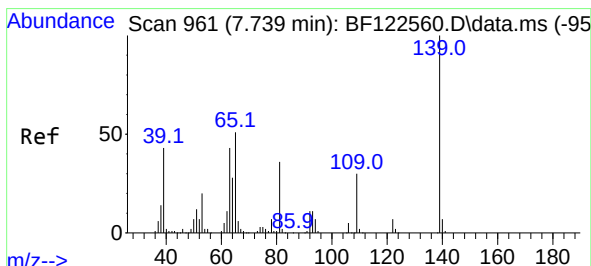
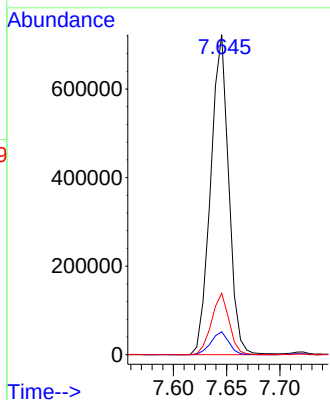
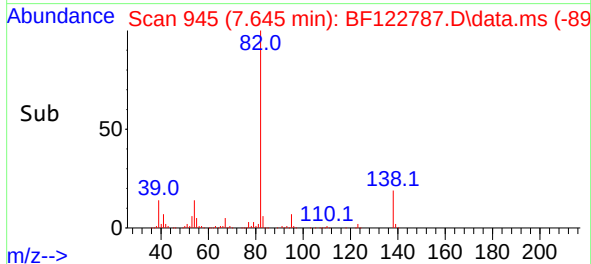
Instrument :  
BNA\_F  
ClientSampleId :  
DETENTION-LINE-1MS



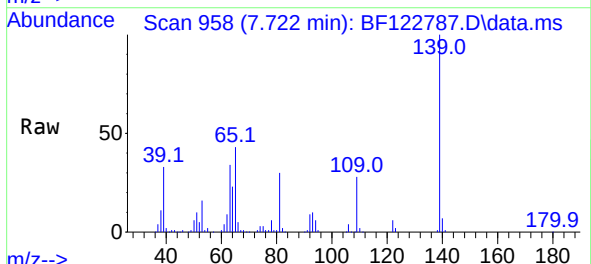
Tgt Ion: 82 Resp: 851444  
Ion Ratio Lower Upper  
82 100  
95 7.2 5.8 8.6  
138 19.2 14.6 21.8

Manual Integrations  
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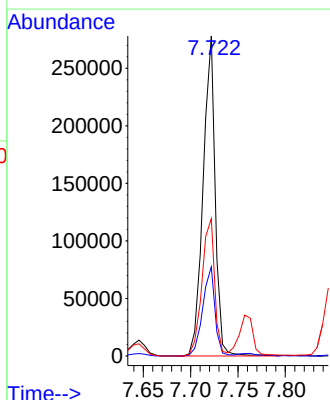
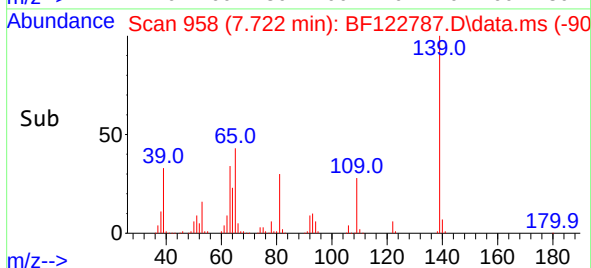
mohammad  
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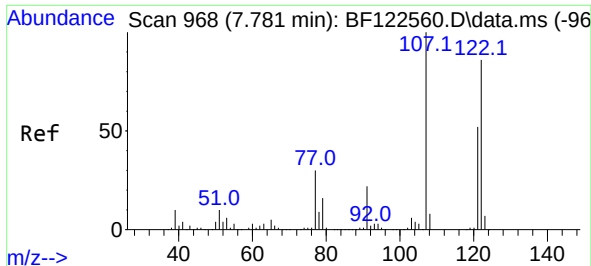
#26  
2-Nitrophenol  
Concen: 45.70 ng  
RT: 7.722 min Scan# 958  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03



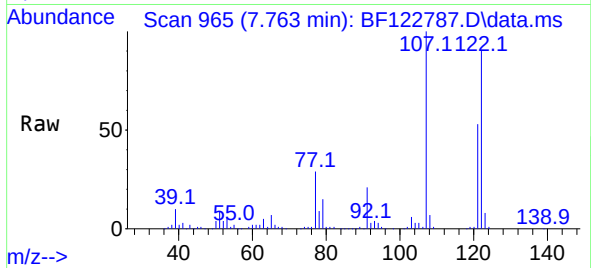
Tgt Ion: 139 Resp: 248182  
Ion Ratio Lower Upper  
139 100  
109 27.9 24.0 36.0  
65 42.9 40.9 61.3



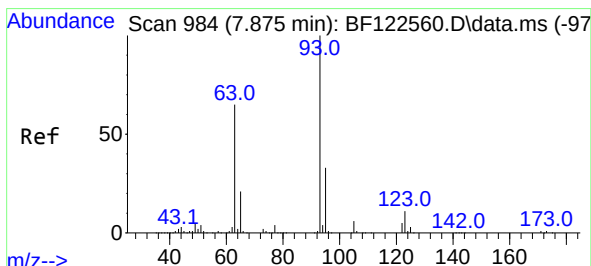
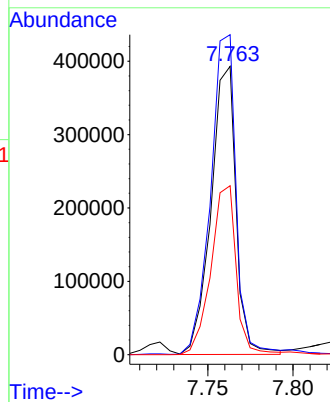
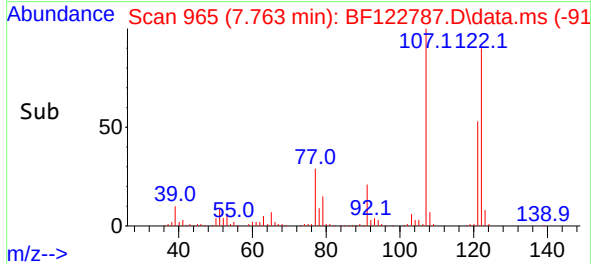




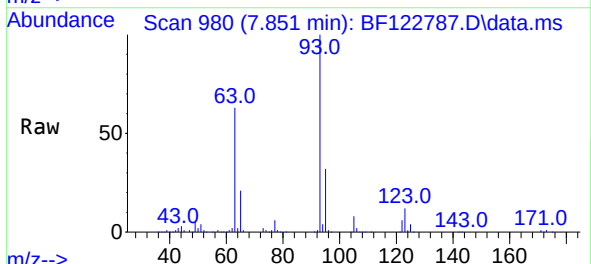
#27  
2,4-Dimethylphenol  
Concen: 50.52 ng  
RT: 7.763 min Scan# 965  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03



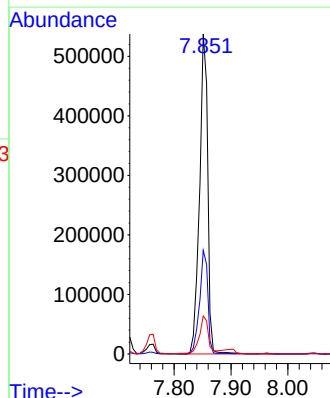
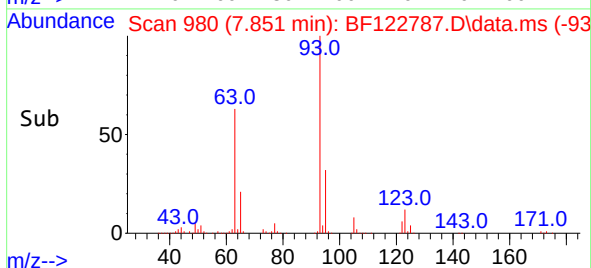
Tgt Ion:122 Resp: 402142  
Ion Ratio Lower Upper  
122 100  
107 111.0 91.8 137.8  
121 58.6 47.3 70.9



#28  
bis(2-Chloroethoxy)methane  
Concen: 41.17 ng  
RT: 7.851 min Scan# 980  
Delta R.T. -0.006 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03



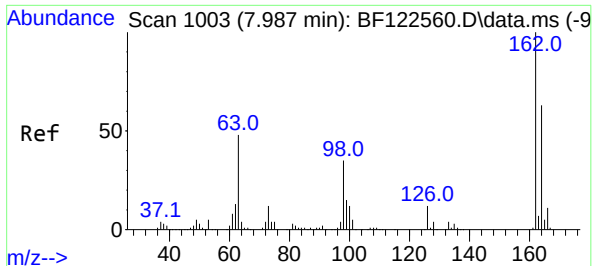
Tgt Ion: 93 Resp: 543573  
Ion Ratio Lower Upper  
93 100  
95 32.3 26.2 39.2  
123 11.9 9.2 13.8



Instrument :  
BNA\_F  
ClientSampleId :  
DETENTION-LINE-1MS

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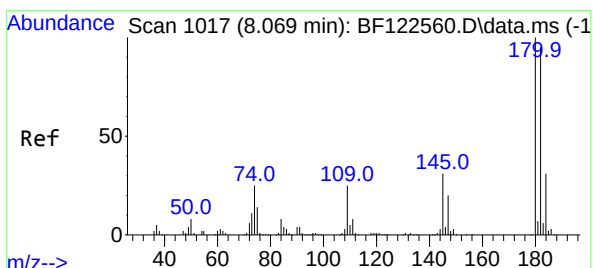
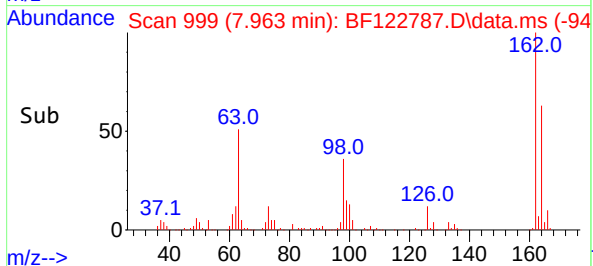
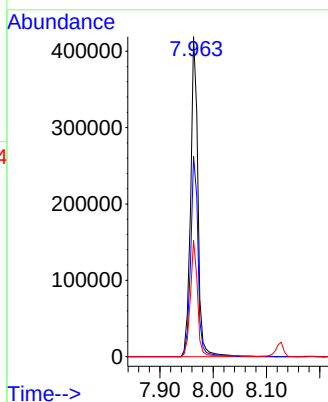
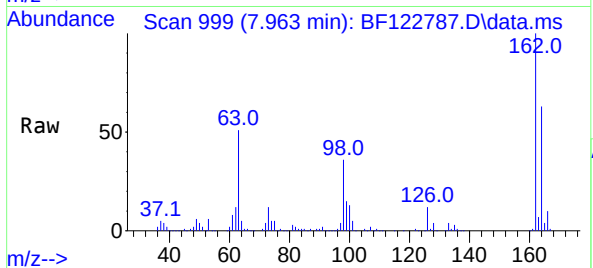
#29  
2,4-Dichlorophenol  
Concen: 43.07 ng  
RT: 7.963 min Scan# 999  
Delta R.T. -0.006 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

Tgt Ion:162 Resp: 400323  
Ion Ratio Lower Upper  
162 100  
164 62.7 43.2 83.2  
98 36.5 15.2 55.2

Instrument :  
BNA\_F  
ClientSampleId :  
DETENTION-LINE-1MS

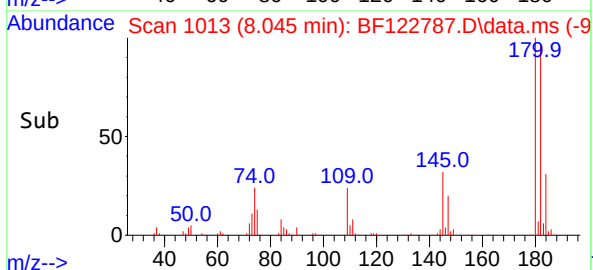
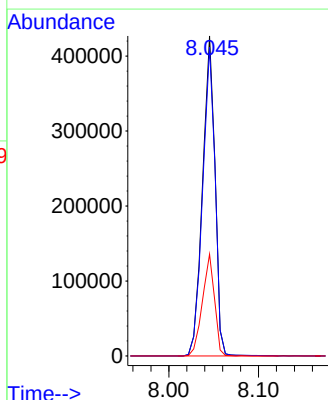
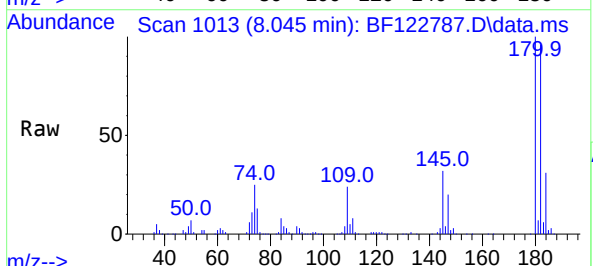
Manual Integrations  
APPROVED

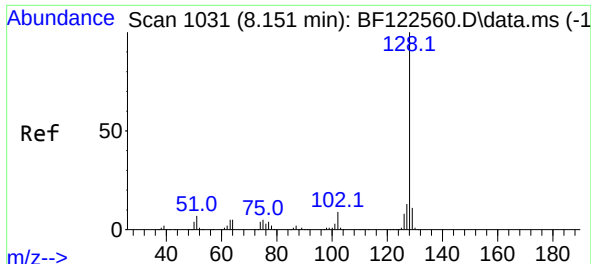
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#30  
1,2,4-Trichlorobenzene  
Concen: 38.97 ng  
RT: 8.045 min Scan# 1013  
Delta R.T. -0.006 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

Tgt Ion:180 Resp: 410458  
Ion Ratio Lower Upper  
180 100  
182 96.4 75.7 113.5  
145 31.8 25.0 37.4





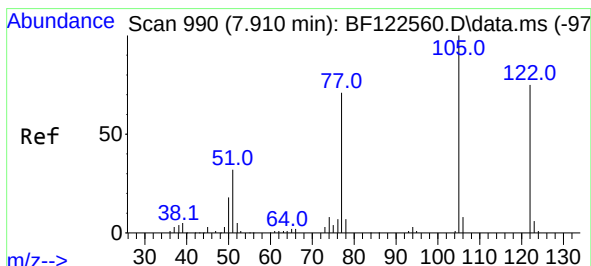
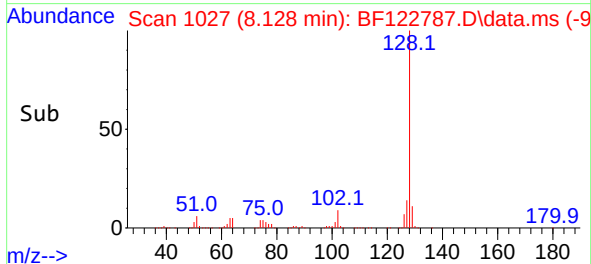
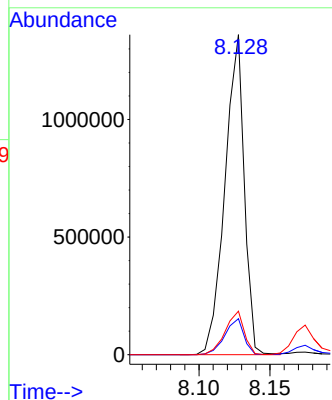
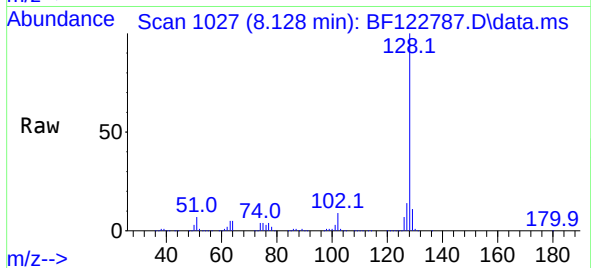
#31  
Naphthalene  
Concen: 41.49 ng  
RT: 8.128 min Scan# 1027  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

Tgt Ion:128 Resp: 1283890  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.0 13.6  
127 13.6 10.7 16.1

Instrument :  
BNA\_F  
ClientSampleId :  
DETENTION-LINE-1MS

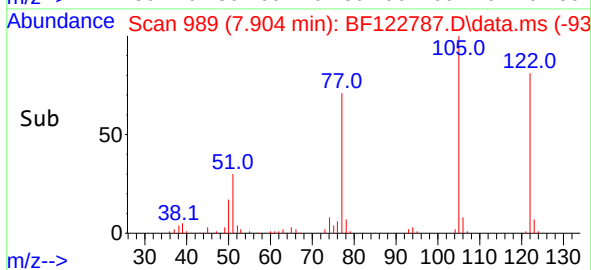
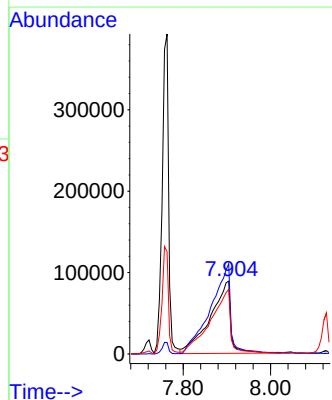
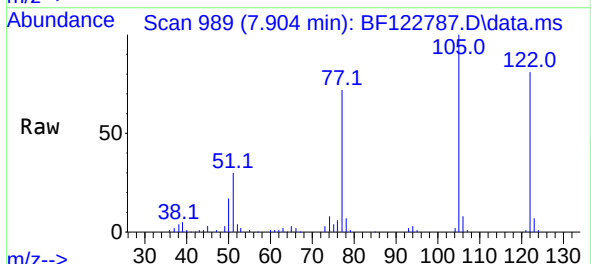
Manual Integrations  
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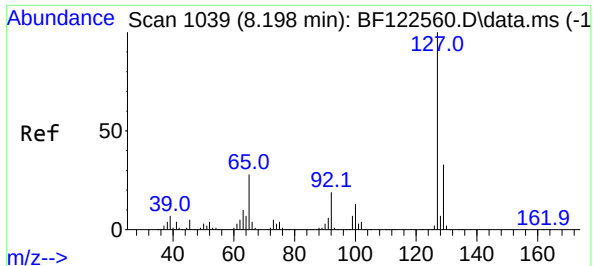
mohammad  
12/21/2020 10:42:31 AM



#32  
Benzoic acid  
Concen: 46.08 ng  
RT: 7.904 min Scan# 989  
Delta R.T. 0.012 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

Tgt Ion:122 Resp: 292266  
Ion Ratio Lower Upper  
122 100  
105 123.7 104.8 144.8  
77 88.9 71.0 111.0





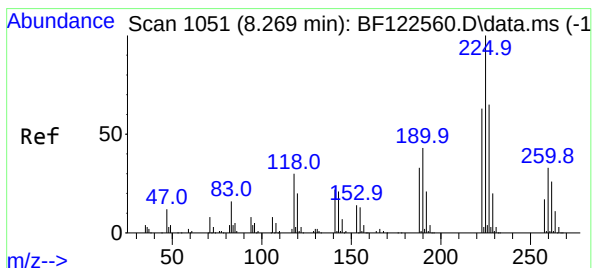
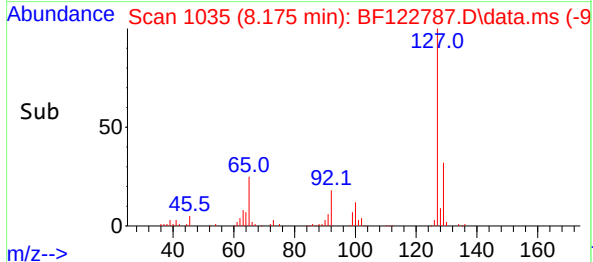
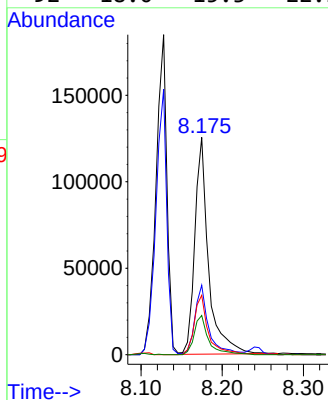
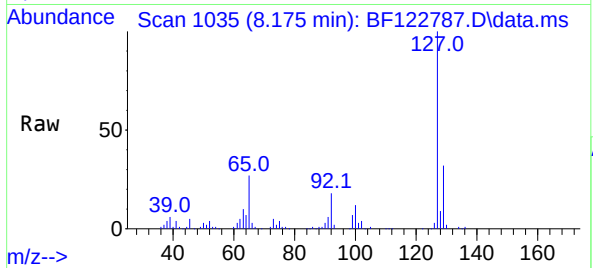
#33  
4-Chloroaniline  
Concen: 11.43 ng  
RT: 8.175 min Scan# 1035  
Delta R.T. -0.006 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 127   | Resp: | 147898 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 31.9  | 26.2  | 39.2   |
| 65        | 27.3  | 22.2  | 33.2   |
| 92        | 18.0  | 15.3  | 22.9   |

Instrument :  
BNA\_F  
ClientSampleId :  
DETENTION-LINE-1MS

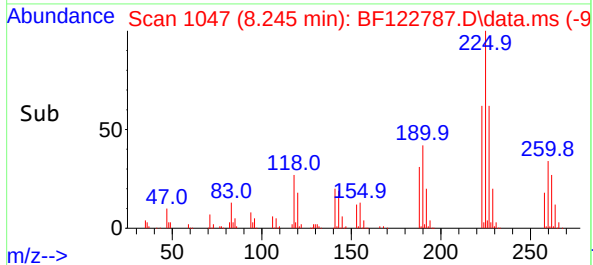
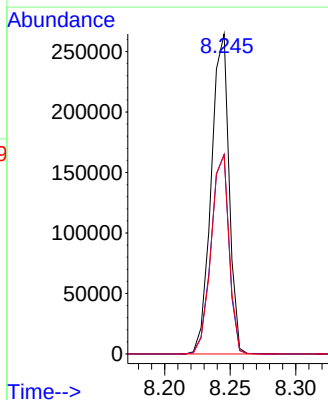
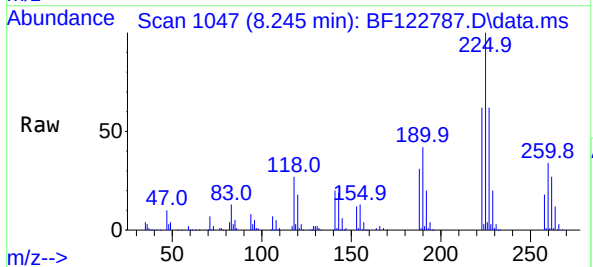
Manual Integrations  
APPROVED

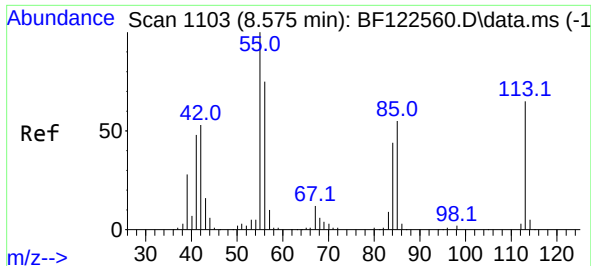
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#34  
Hexachlorobutadiene  
Concen: 38.52 ng  
RT: 8.245 min Scan# 1047  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 249653 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 62.3  | 50.7  | 76.1   |
| 227       | 62.3  | 51.7  | 77.5   |





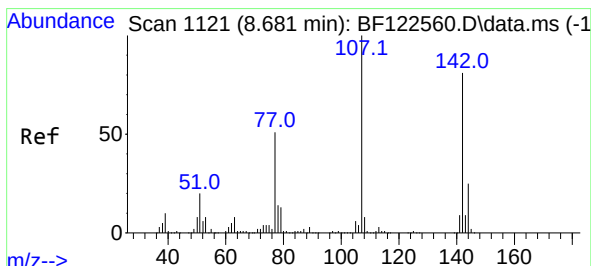
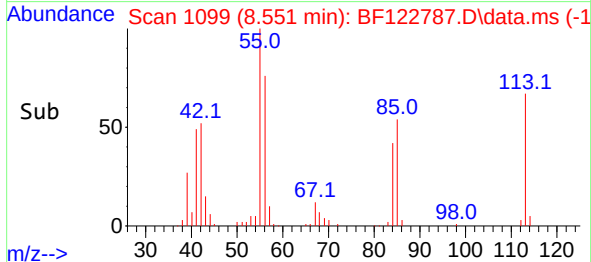
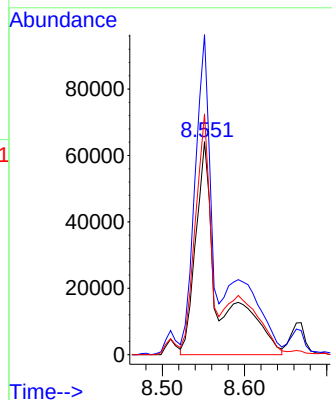
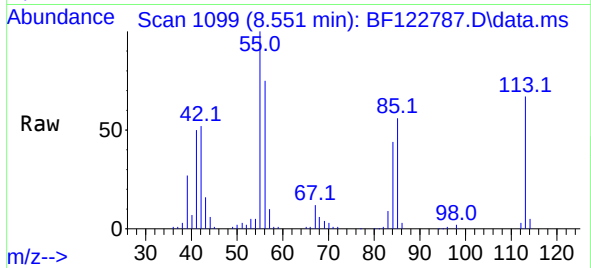
#35  
Caprolactam  
Concen: 46.03 ng m  
RT: 8.551 min Scan# 1099  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

Tgt Ion:113 Resp: 128856  
Ion Ratio Lower Upper  
113 100  
55 150.3 133.7 173.7  
56 113.1 95.3 135.3

Instrument :  
BNA\_F  
ClientSampleId :  
DETENTION-LINE-1MS

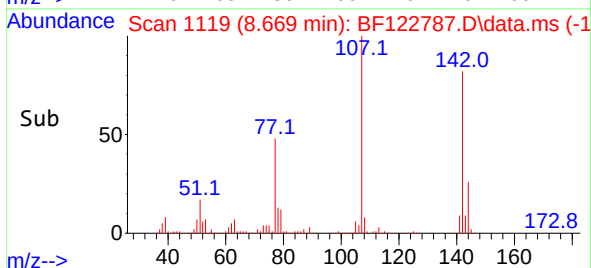
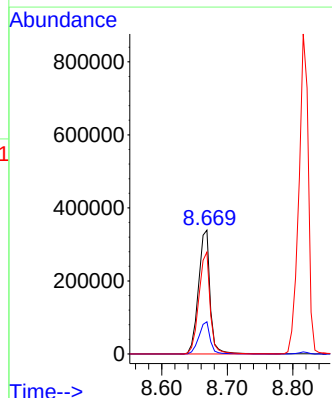
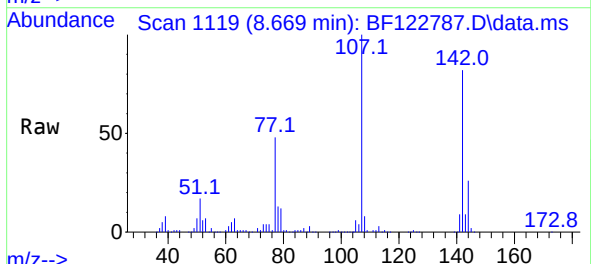
Manual Integrations  
APPROVED

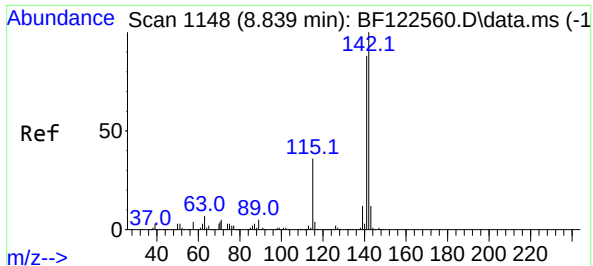
mohammad  
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#36  
4-Chloro-3-methylphenol  
Concen: 45.53 ng  
RT: 8.669 min Scan# 1119  
Delta R.T. 0.006 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

Tgt Ion:107 Resp: 416897  
Ion Ratio Lower Upper  
107 100  
144 26.0 20.2 30.2  
142 82.3 64.4 96.6





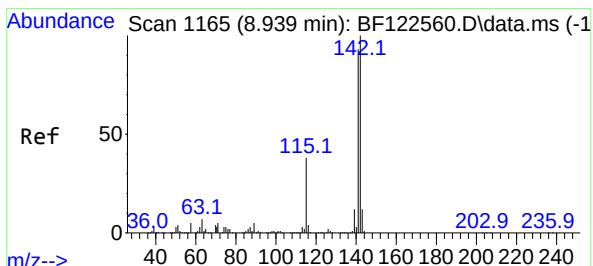
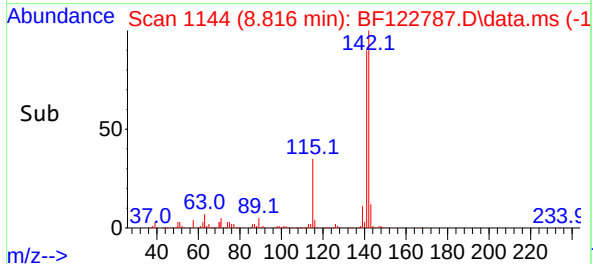
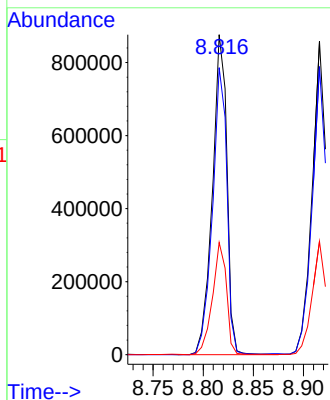
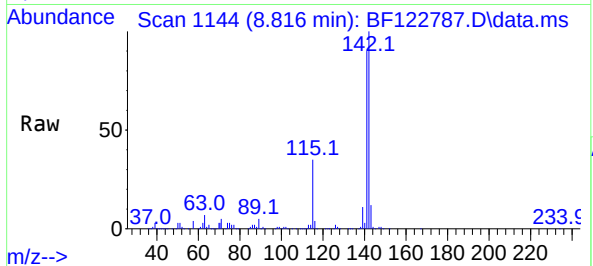
#37  
2-Methylnaphthalene  
Concen: 43.17 ng  
RT: 8.816 min Scan# 1144  
Delta R.T. -0.006 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

Tgt Ion:142 Resp: 883613  
Ion Ratio Lower Upper  
142 100  
141 89.7 70.6 106.0  
115 35.1 28.7 43.1

Instrument :  
BNA\_F  
ClientSampleId :  
DETENTION-LINE-1MS

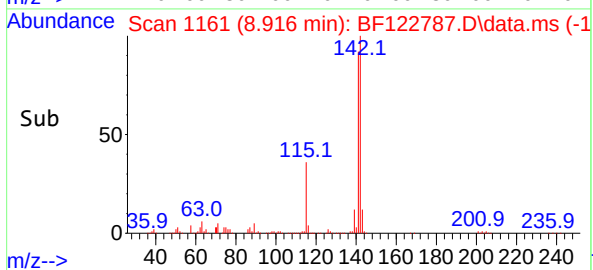
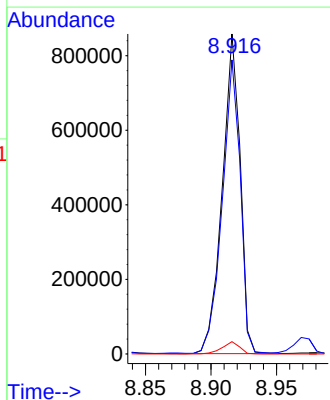
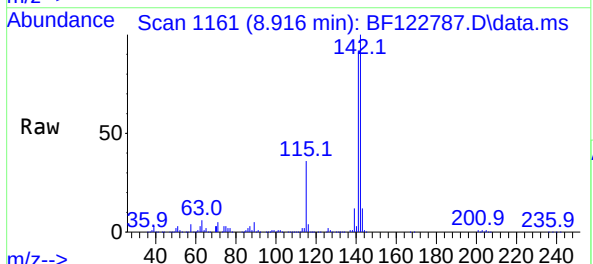
Manual Integrations  
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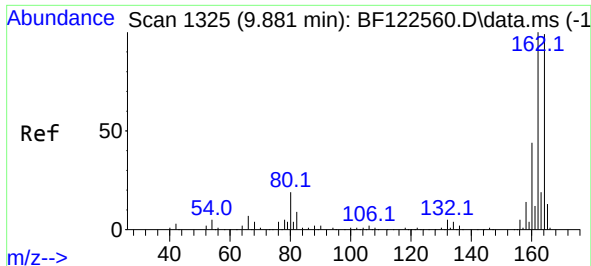
mohammad  
12/21/2020 10:42:31 AM



#38  
1-Methylnaphthalene  
Concen: 41.94 ng  
RT: 8.916 min Scan# 1161  
Delta R.T. -0.006 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

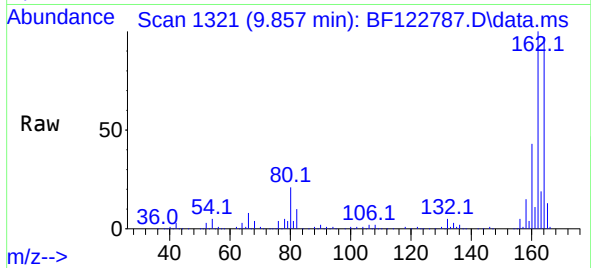
Tgt Ion:142 Resp: 812073  
Ion Ratio Lower Upper  
142 100  
141 91.9 74.5 111.7  
116 3.8 3.2 4.8





#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.857 min Scan# 1321  
Delta R.T. -0.006 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

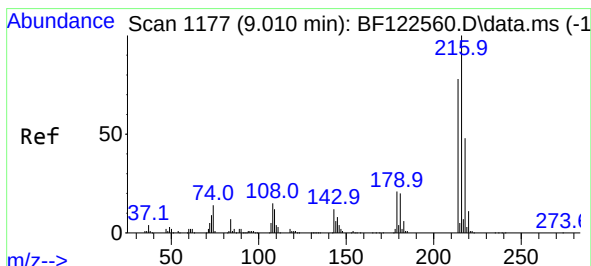
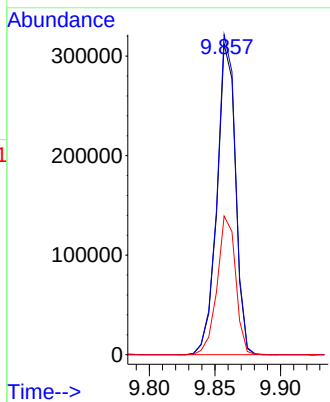
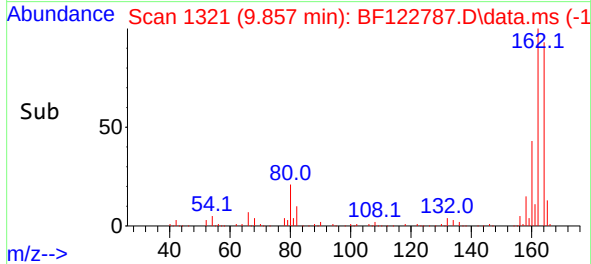
Instrument :  
BNA\_F  
ClientSampleId :  
DETENTION-LINE-1MS



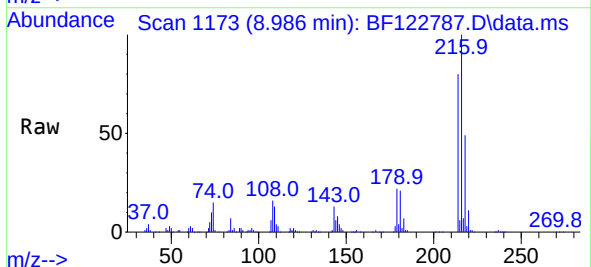
Tgt Ion:164 Resp: 304629  
Ion Ratio Lower Upper  
164 100  
162 103.0 80.8 121.2  
160 44.7 35.4 53.0

Manual Integrations  
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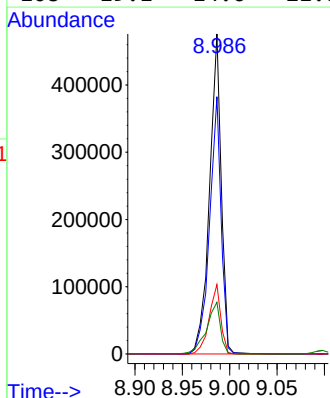
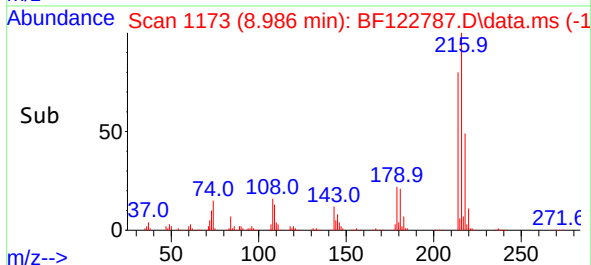
mohammad  
12/21/2020 10:42:31 AM

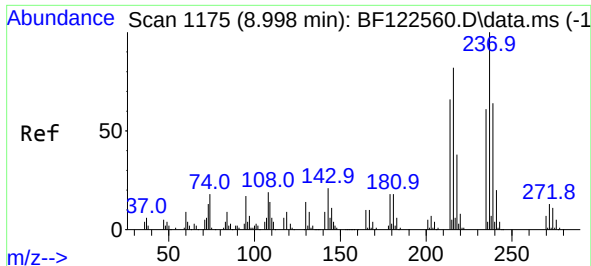


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 40.55 ng  
RT: 8.986 min Scan# 1173  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03



Tgt Ion:216 Resp: 409195  
Ion Ratio Lower Upper  
216 100  
214 79.2 63.1 94.7  
179 21.5 17.1 25.7  
108 19.1 14.6 21.8





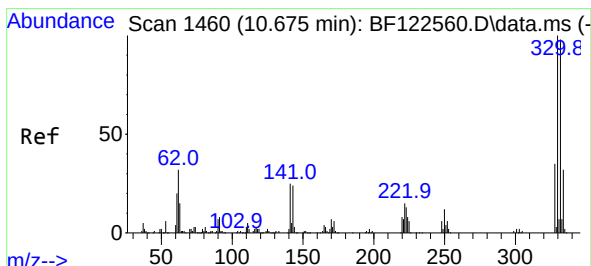
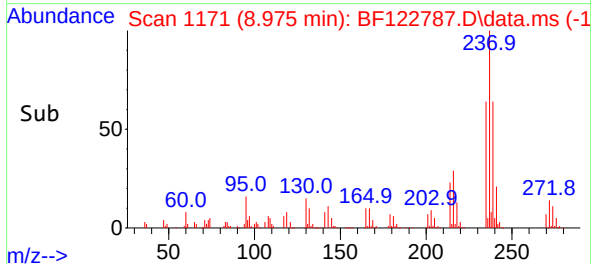
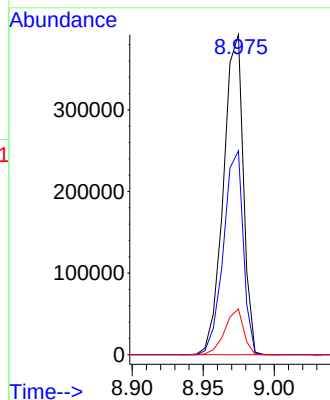
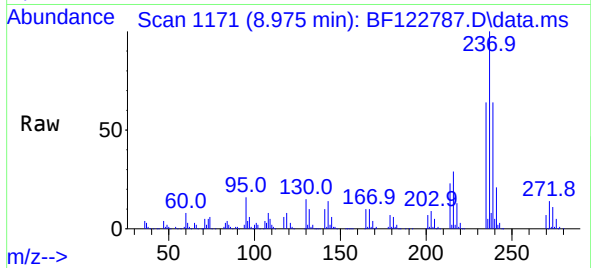
#41  
Hexachlorocyclopentadiene  
Concen: 85.47 ng  
RT: 8.975 min Scan# 1171  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 381281 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 63.7  | 40.9  | 80.9   |
| 272      | 14.3  | 0.0   | 33.4   |

Instrument :  
BNA\_F  
ClientSampleId :  
DETENTION-LINE-1MS

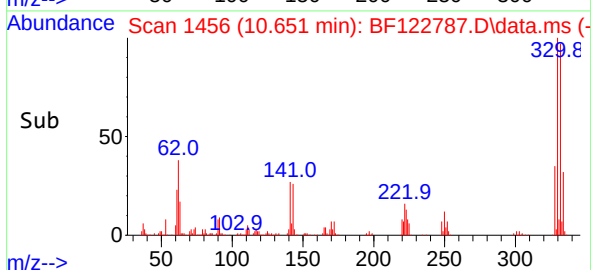
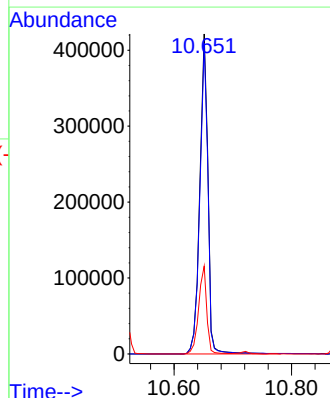
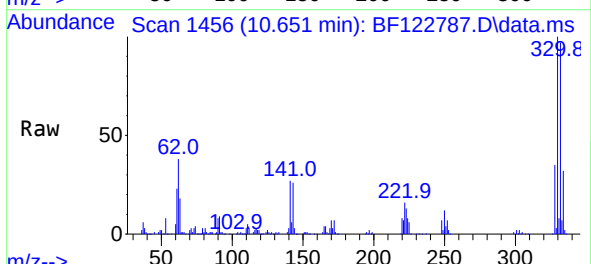
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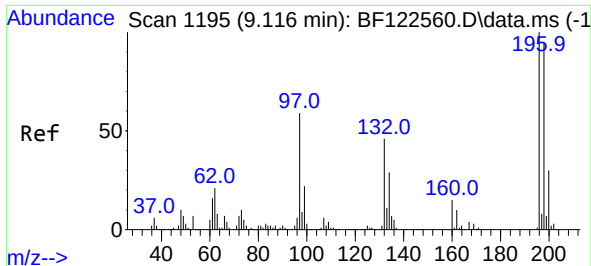


#42  
2,4,6-Tribromophenol  
Concen: 101.77 ng  
RT: 10.651 min Scan# 1456  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

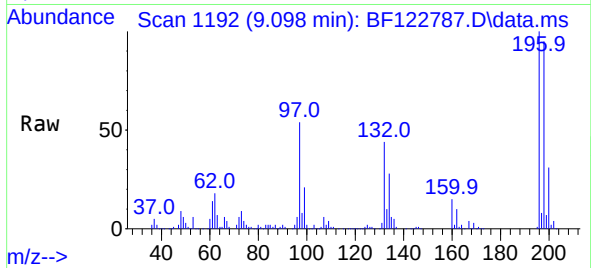
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 330   | Resp: | 405790 |
| Ion      | Ratio | Lower | Upper  |
| 330      | 100   |       |        |
| 332      | 96.2  | 77.5  | 116.3  |
| 141      | 27.3  | 23.8  | 35.8   |



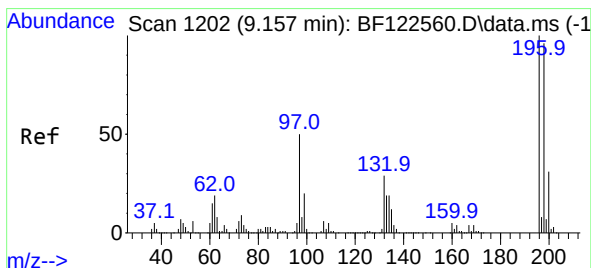
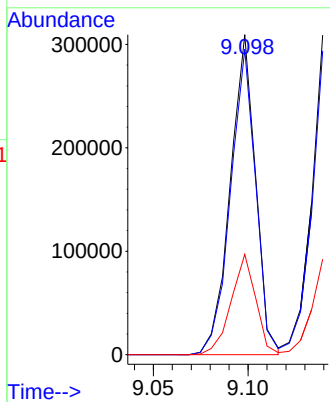
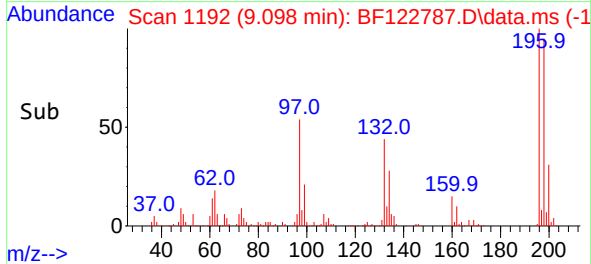




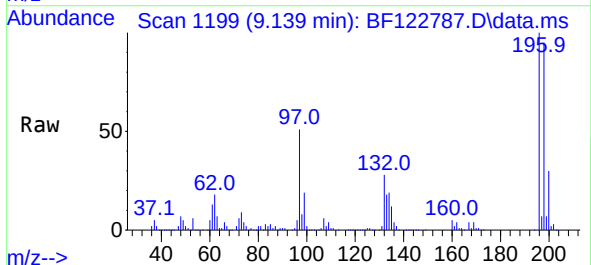
#43  
2,4,6-Trichlorophenol  
Concen: 41.18 ng  
RT: 9.098 min Scan# 1192  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03



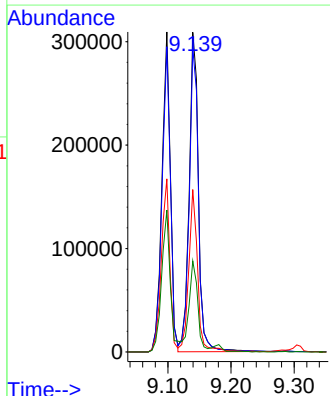
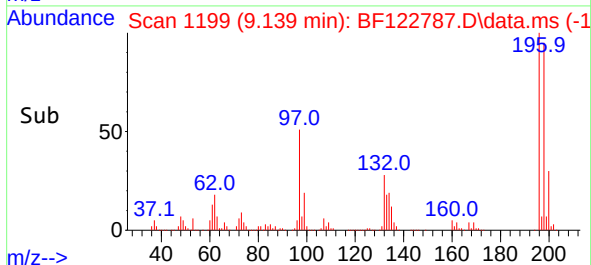
Tgt Ion:196 Resp: 286948  
Ion Ratio Lower Upper  
196 100  
198 95.4 75.1 112.7  
200 31.4 23.7 35.5



#44  
2,4,5-Trichlorophenol  
Concen: 43.92 ng  
RT: 9.139 min Scan# 1199  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03



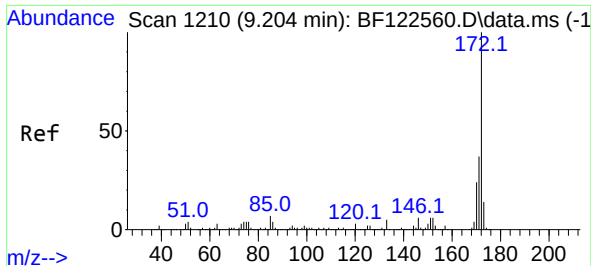
Tgt Ion:196 Resp: 316378  
Ion Ratio Lower Upper  
196 100  
198 95.0 76.5 114.7  
97 50.8 40.1 60.1  
132 28.5 23.3 34.9



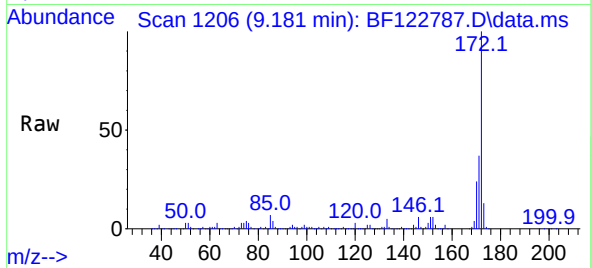
Instrument :  
BNA\_F  
ClientSampleId :  
DETENTION-LINE-1MS

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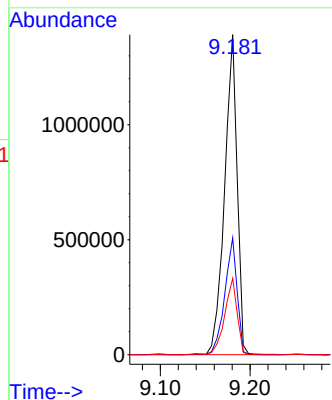
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#45  
2-Fluorobiphenyl  
Concen: 60.00 ng  
RT: 9.181 min Scan# 1206  
Delta R.T. -0.006 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03



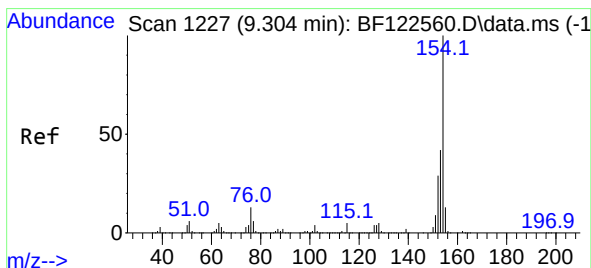
Tgt Ion:172 Resp: 1351337  
Ion Ratio Lower Upper  
172 100  
171 36.5 29.6 44.4  
170 23.9 19.5 29.3



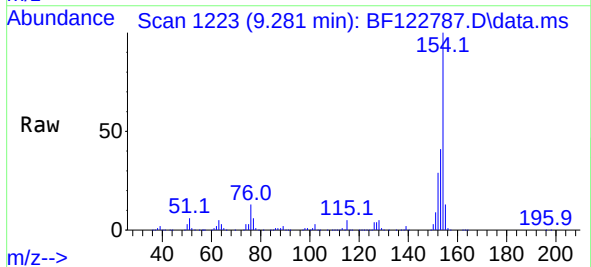
Instrument :  
BNA\_F  
ClientSampleId :  
DETENTION-LINE-1MS

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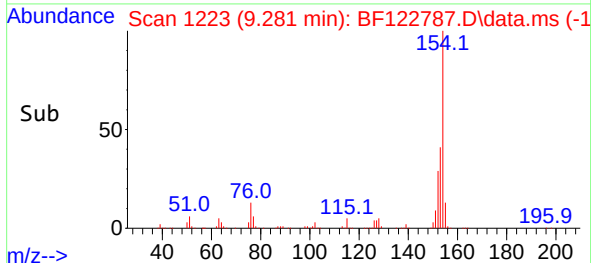
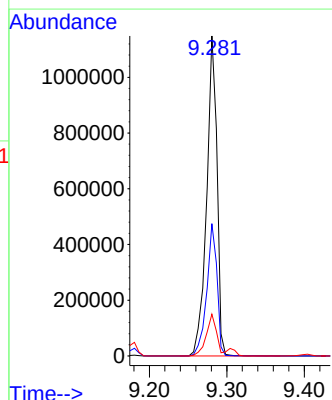
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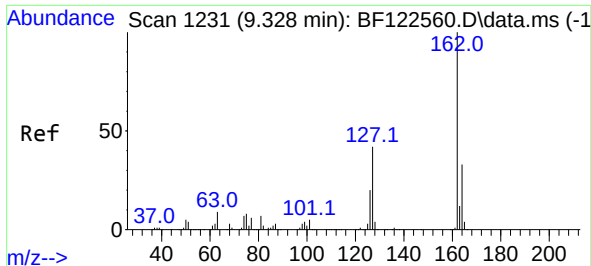


#46  
1,1'-Biphenyl  
Concen: 42.17 ng  
RT: 9.281 min Scan# 1223  
Delta R.T. -0.006 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03



Tgt Ion:154 Resp: 1066027  
Ion Ratio Lower Upper  
154 100  
153 41.4 21.8 61.8  
76 13.1 0.0 33.4





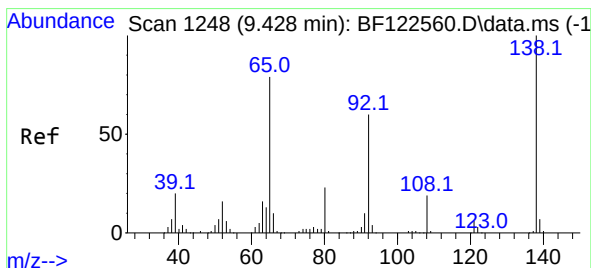
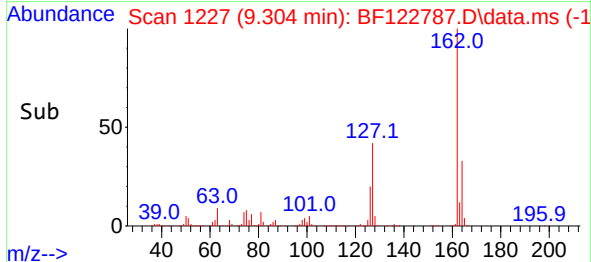
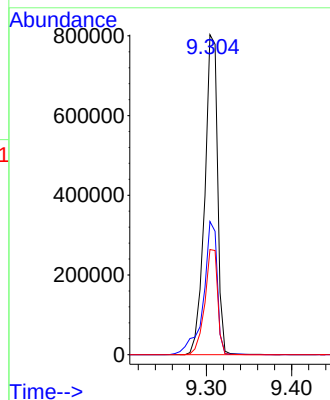
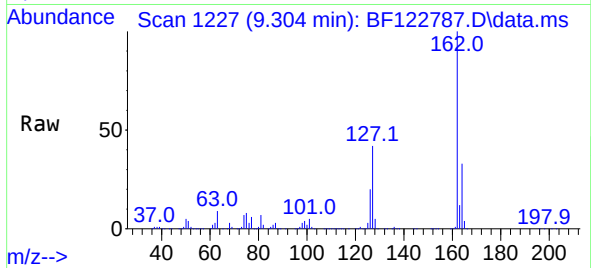
#47  
2-Chloronaphthalene  
Concen: 39.88 ng  
RT: 9.304 min Scan# 1227  
Delta R.T. -0.006 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

Tgt Ion: 162 Resp: 835308  
Ion Ratio Lower Upper  
162 100  
127 41.6 33.8 50.8  
164 32.9 26.5 39.7

Instrument :  
BNA\_F  
ClientSampleId :  
DETENTION-LINE-1MS

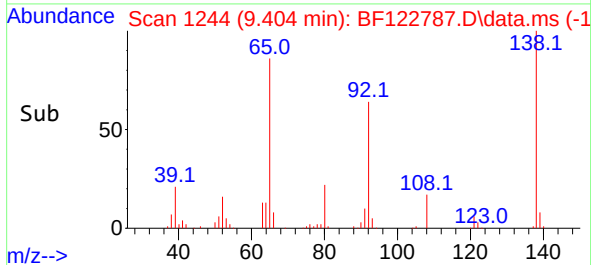
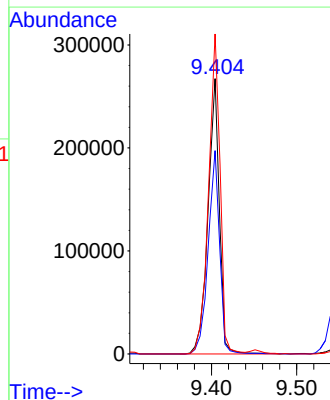
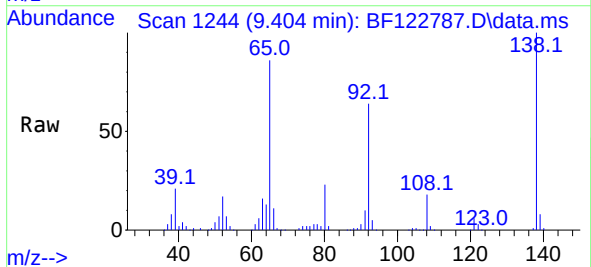
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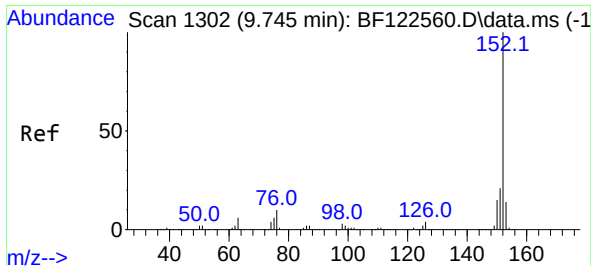
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#48  
2-Nitroaniline  
Concen: 40.52 ng  
RT: 9.404 min Scan# 1244  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

Tgt Ion: 65 Resp: 247472  
Ion Ratio Lower Upper  
65 100  
92 73.9 60.0 90.0  
138 116.2 100.6 151.0





#49

Acenaphthylene

Concen: 42.29 ng

RT: 9.722 min Scan# 1298

Delta R.T. -0.000 min

Lab File: BF122787.D

Acq: 18 Dec 2020 16:03

Tgt Ion:152 Resp: 1308550

Ion Ratio Lower Upper

152 100

151 20.7 16.6 25.0

153 13.5 10.9 16.3

Instrument :

BNA\_F

ClientSampleId :

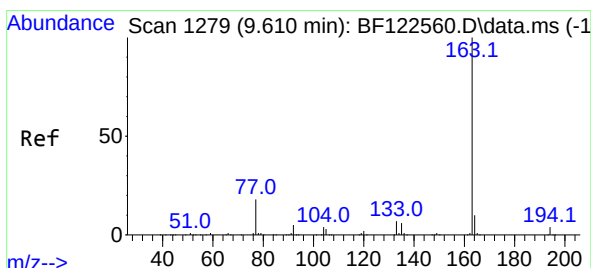
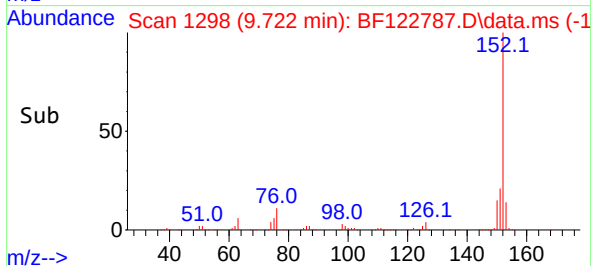
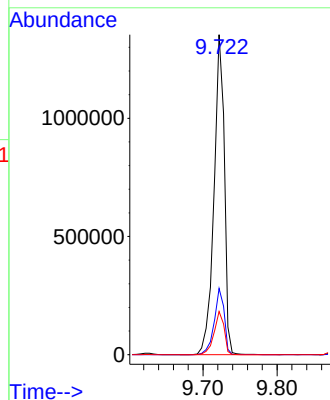
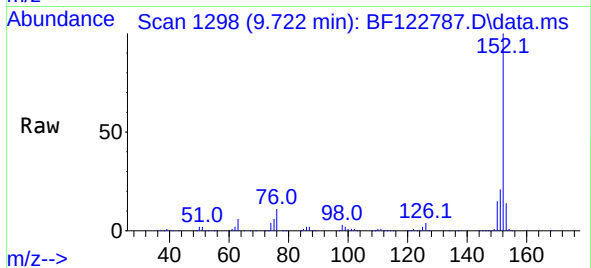
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#50

Dimethylphthalate

Concen: 46.90 ng

RT: 9.586 min Scan# 1275

Delta R.T. -0.000 min

Lab File: BF122787.D

Acq: 18 Dec 2020 16:03

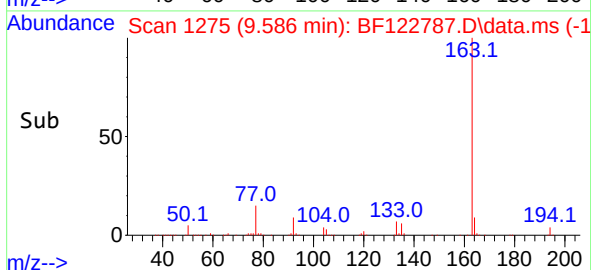
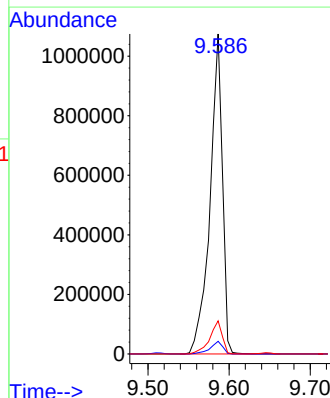
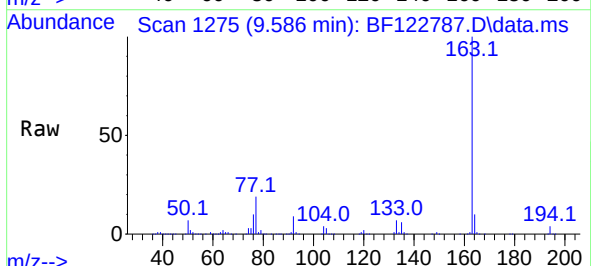
Tgt Ion:163 Resp: 1140921

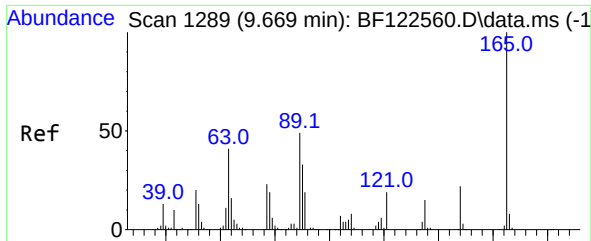
Ion Ratio Lower Upper

163 100

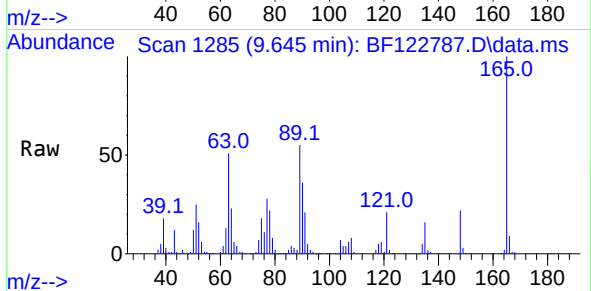
194 4.0 3.4 5.0

164 10.3 8.1 12.1

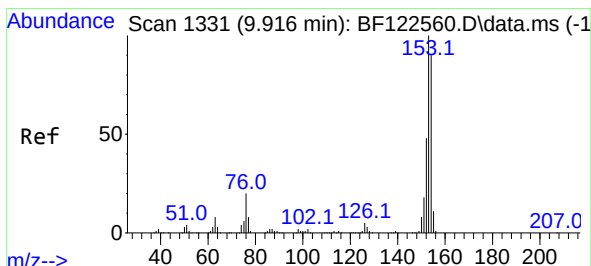
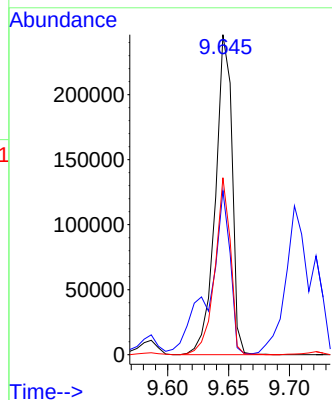
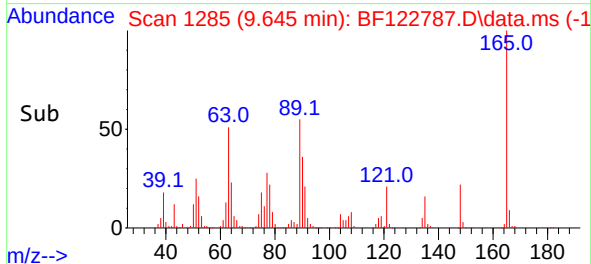




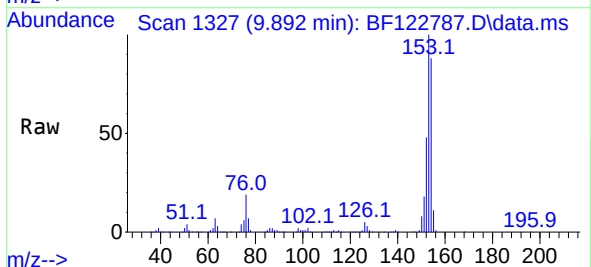
#51  
2,6-Dinitrotoluene  
Concen: 45.67 ng  
RT: 9.645 min Scan# 1285  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03



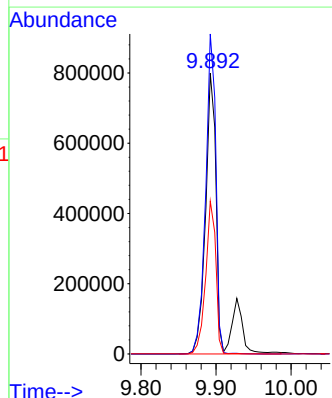
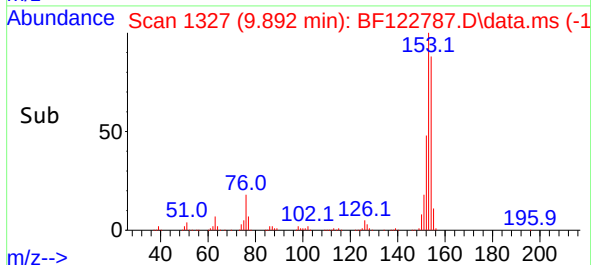
Tgt Ion:165 Resp: 234643  
Ion Ratio Lower Upper  
165 100  
63 51.3 36.6 55.0  
89 55.3 39.4 59.0



#52  
Acenaphthene  
Concen: 46.04 ng m  
RT: 9.892 min Scan# 1327  
Delta R.T. -0.006 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03



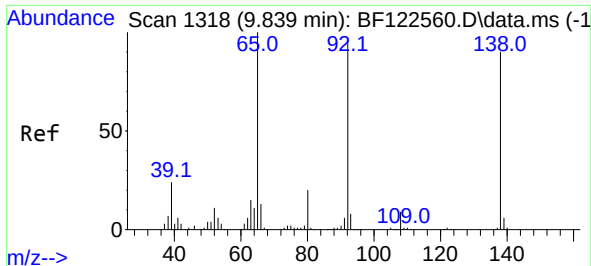
Tgt Ion:154 Resp: 921635  
Ion Ratio Lower Upper  
154 100  
153 114.0 89.0 133.6  
152 54.4 42.7 64.1



Instrument :  
BNA\_F  
ClientSampleId :  
DETENTION-LINE-1MS

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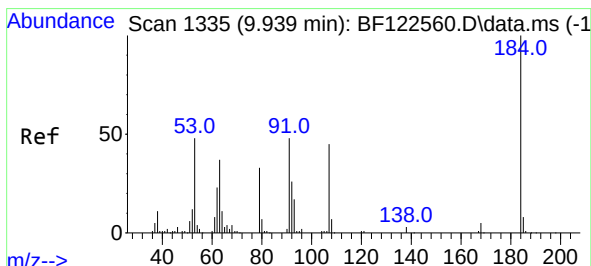
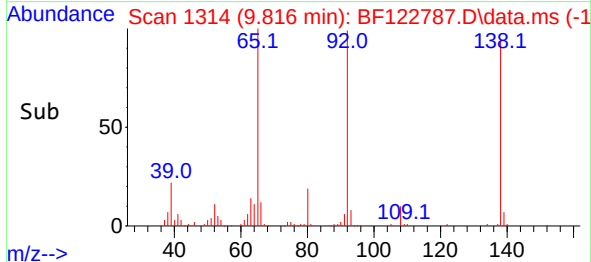
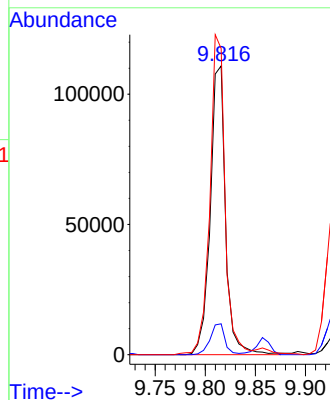
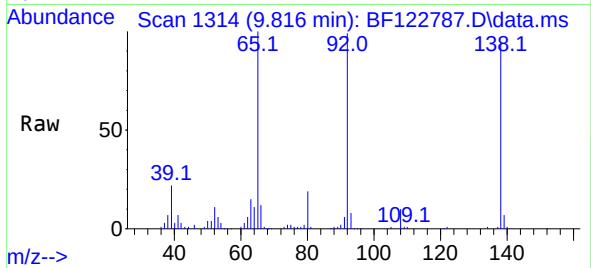
#53  
3-Nitroaniline  
Concen: 19.94 ng  
RT: 9.816 min Scan# 1314  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

Tgt Ion:138 Resp: 118401  
Ion Ratio Lower Upper  
138 100  
108 10.7 8.2 12.2  
92 106.0 85.4 128.2

Instrument :  
BNA\_F  
ClientSampleId :  
DETENTION-LINE-1MS

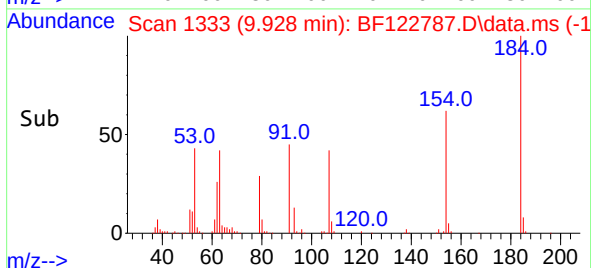
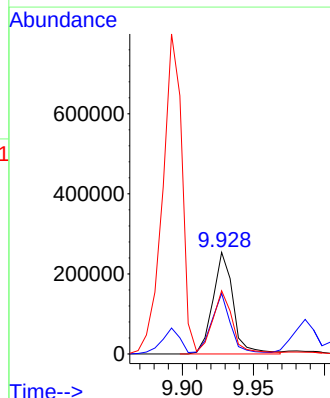
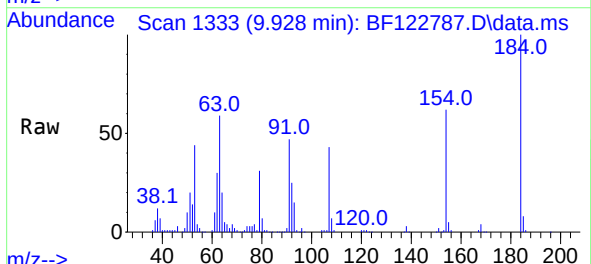
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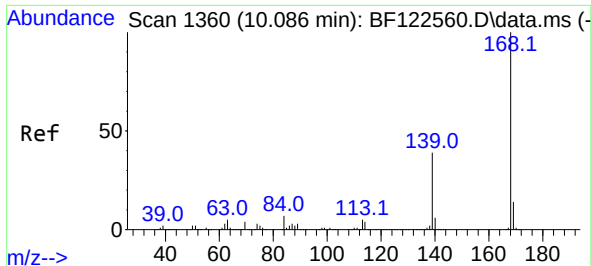
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#54  
2,4-Dinitrophenol  
Concen: 100.16 ng  
RT: 9.928 min Scan# 1333  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

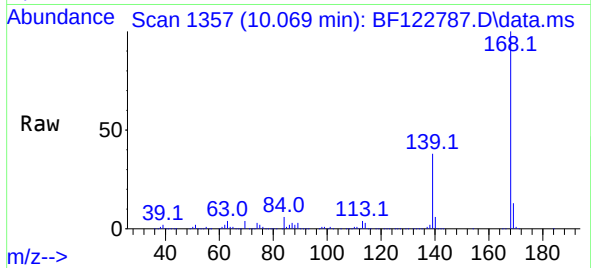
Tgt Ion:184 Resp: 251628  
Ion Ratio Lower Upper  
184 100  
63 59.4 51.4 77.2  
154 62.2 49.7 74.5





#55  
Dibenzenofuran  
Concen: 42.09 ng  
RT: 10.069 min Scan# 1357  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

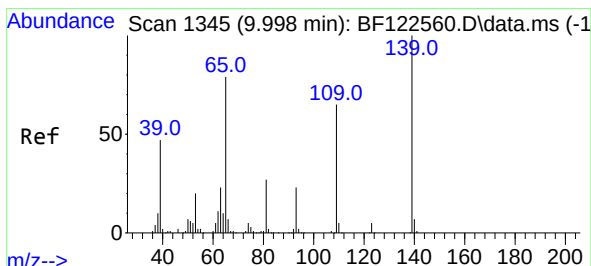
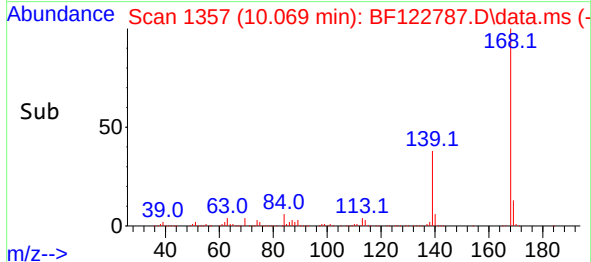
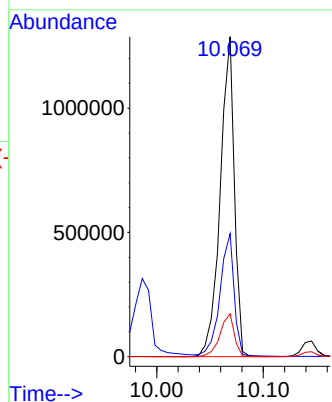
Instrument :  
BNA\_F  
ClientSampleId :  
DETENTION-LINE-1MS



Tgt Ion:168 Resp: 1185123  
Ion Ratio Lower Upper  
168 100  
139 38.5 31.3 46.9  
169 13.4 11.2 16.8

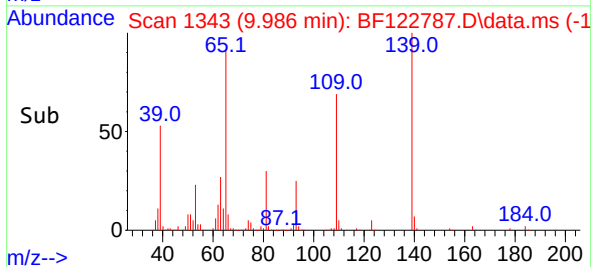
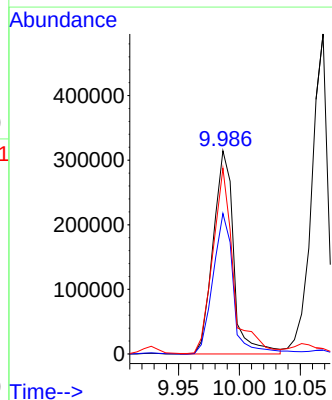
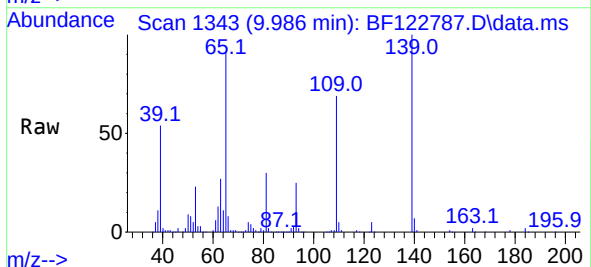
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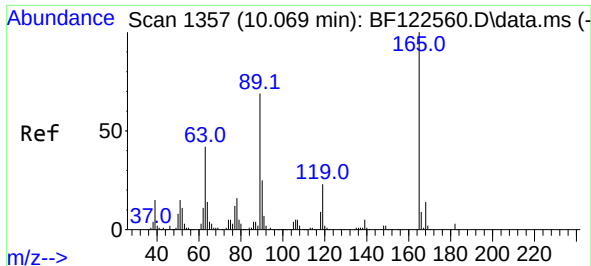
mohammad  
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#56  
4-Nitrophenol  
Concen: 87.09 ng  
RT: 9.986 min Scan# 1343  
Delta R.T. 0.012 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

Tgt Ion:139 Resp: 368694  
Ion Ratio Lower Upper  
139 100  
109 69.2 45.1 85.1  
65 91.5 59.2 99.2





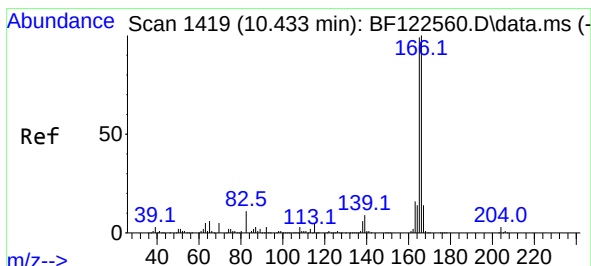
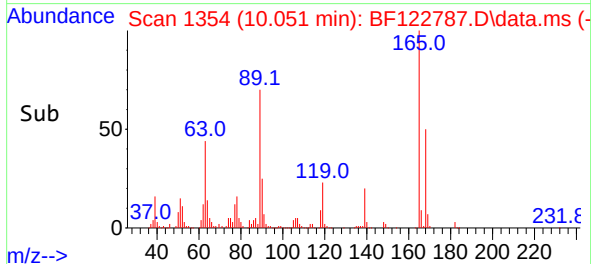
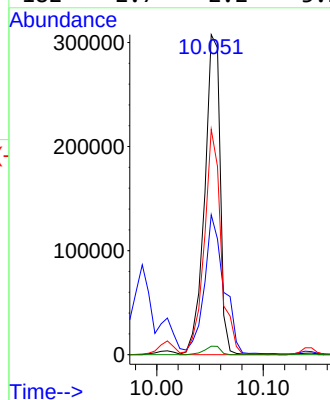
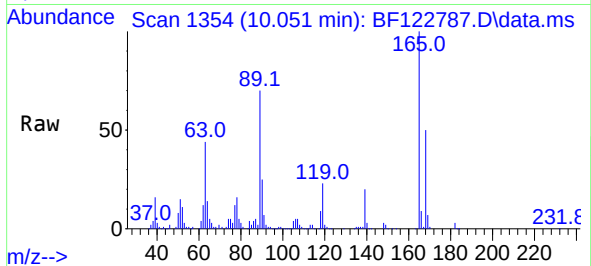
#57  
2,4-Dinitrotoluene  
Concen: 45.70 ng  
RT: 10.051 min Scan# 1354  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:165 | Resp: | 312769 |
| Ion | Ratio   | Lower | Upper  |
| 165 | 100     |       |        |
| 63  | 43.7    | 34.3  | 51.5   |
| 89  | 70.4    | 55.2  | 82.8   |
| 182 | 2.7     | 2.2   | 3.2    |

Instrument :  
BNA\_F  
ClientSampleId :  
DETENTION-LINE-1MS

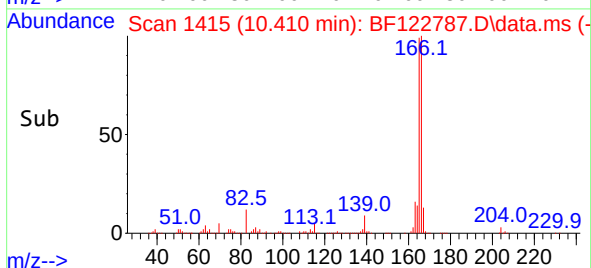
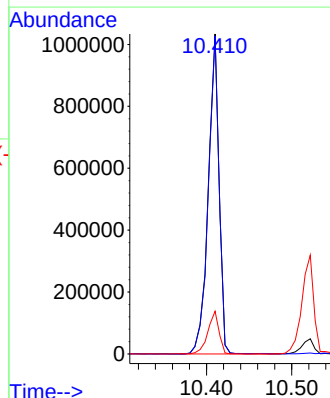
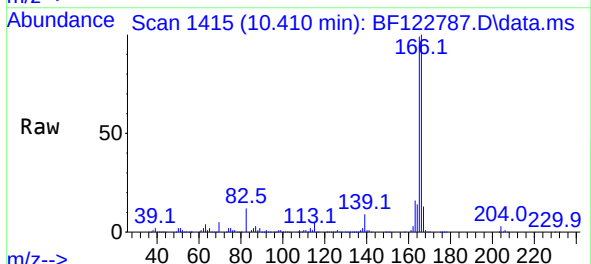
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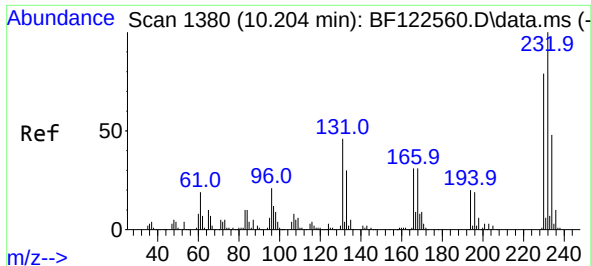


#58  
Fluorene  
Concen: 40.73 ng  
RT: 10.410 min Scan# 1415  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

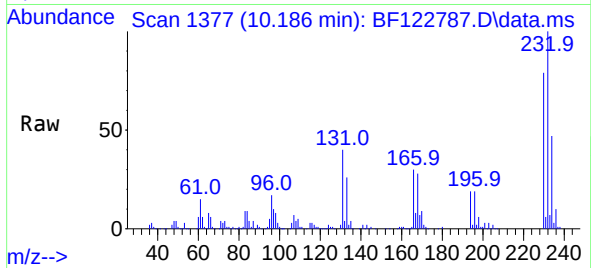
|             |              |
|-------------|--------------|
| Tgt Ion:166 | Resp: 912092 |
| Ion Ratio   | Lower Upper  |
| 166 100     |              |
| 165 99.4    | 79.4 119.0   |
| 167 13.4    | 10.9 16.3    |



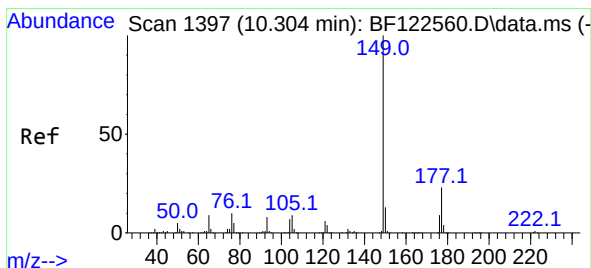
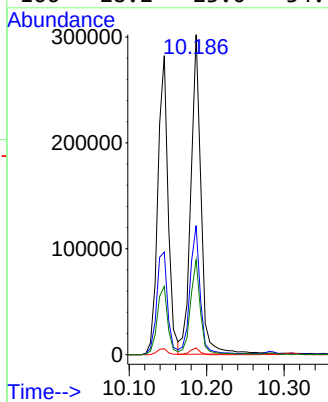
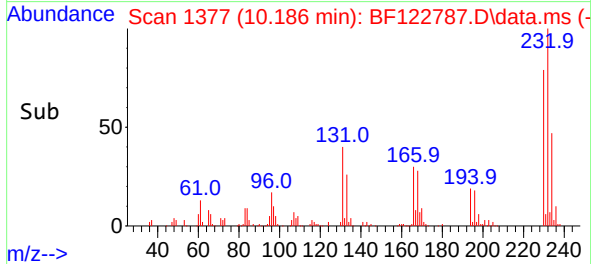




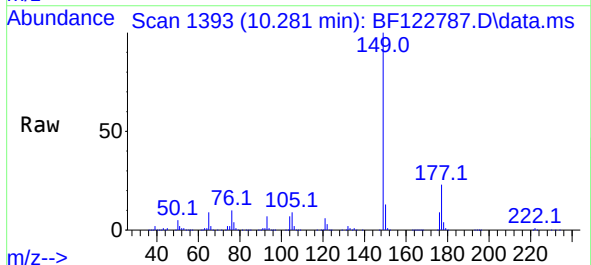
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.26 ng  
RT: 10.186 min Scan# 1377  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03



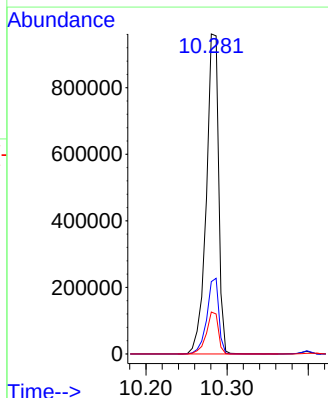
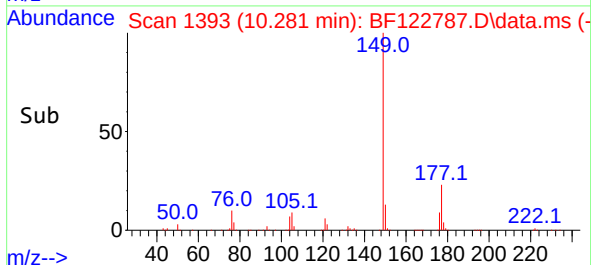
Tgt Ion:232 Resp: 273750  
Ion Ratio Lower Upper  
232 100  
131 40.3 33.0 49.4  
130 2.0 1.7 2.5  
166 28.2 23.0 34.4



#60  
Diethylphthalate  
Concen: 42.41 ng  
RT: 10.281 min Scan# 1393  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03



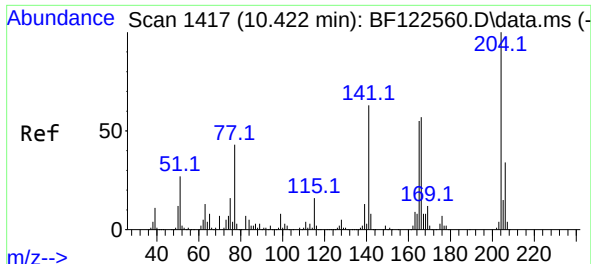
Tgt Ion:149 Resp: 1003538  
Ion Ratio Lower Upper  
149 100  
177 22.6 18.2 27.4  
150 13.1 10.1 15.1



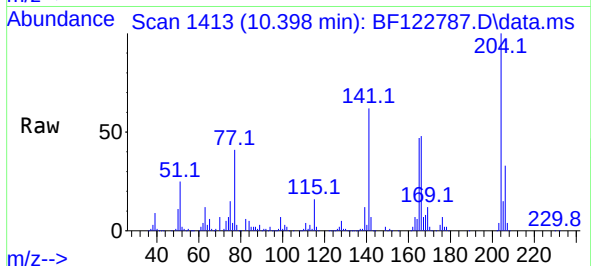
Instrument :  
BNA\_F  
ClientSampleId :  
DETENTION-LINE-1MS

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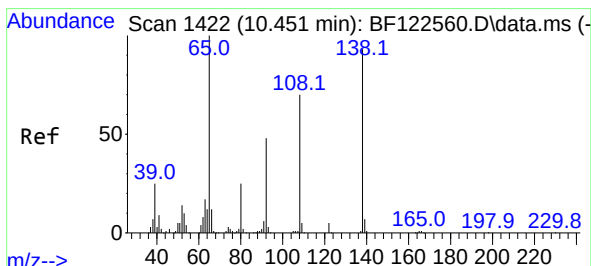
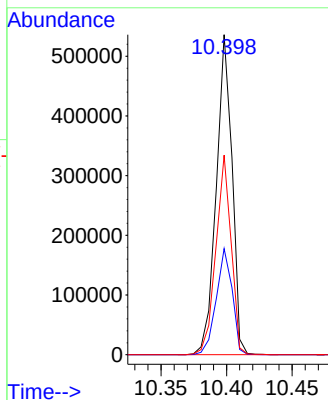
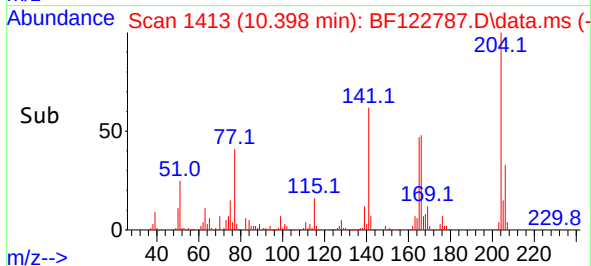
mohammad  
12/21/2020 10:42:31 AM



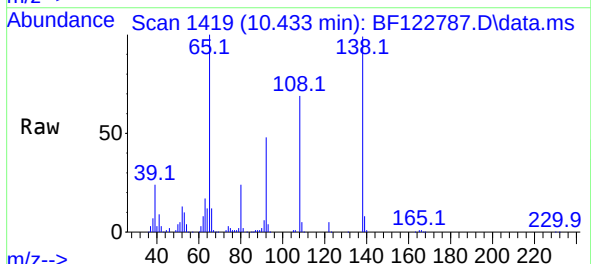
#61  
4-Chlorophenyl-phenylether  
Concen: 40.53 ng  
RT: 10.398 min Scan# 1413  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03



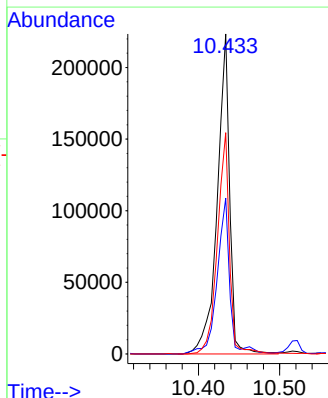
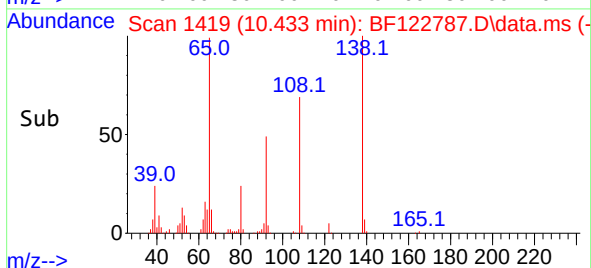
Tgt Ion:204 Resp: 446948  
Ion Ratio Lower Upper  
204 100  
206 33.2 27.0 40.4  
141 62.4 50.4 75.6



#62  
4-Nitroaniline  
Concen: 39.62 ng  
RT: 10.433 min Scan# 1419  
Delta R.T. 0.006 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03



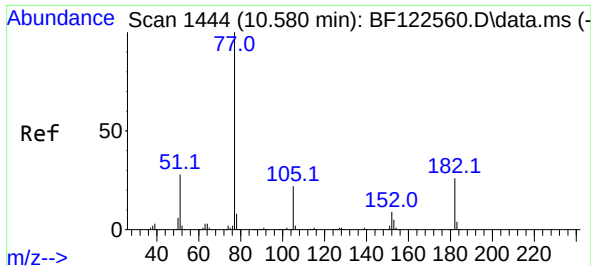
Tgt Ion:138 Resp: 238805  
Ion Ratio Lower Upper  
138 100  
92 48.7 31.0 71.0  
108 69.1 54.8 94.8



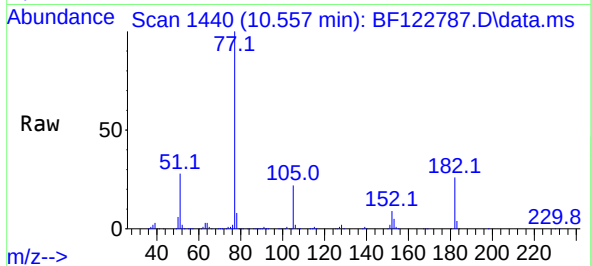
Instrument :  
BNA\_F  
ClientSampleId :  
DETENTION-LINE-1MS

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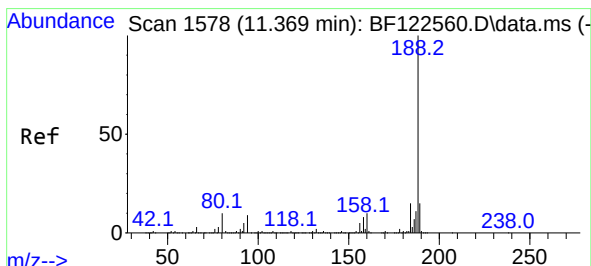
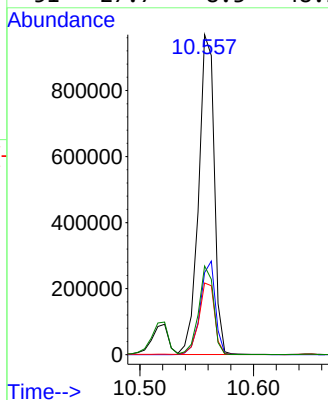
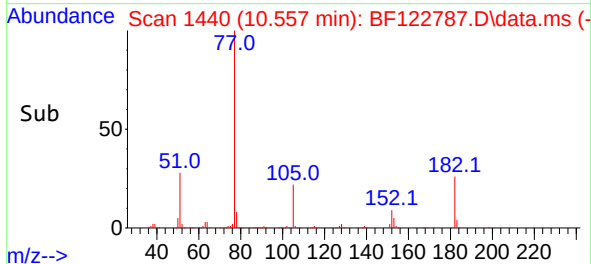
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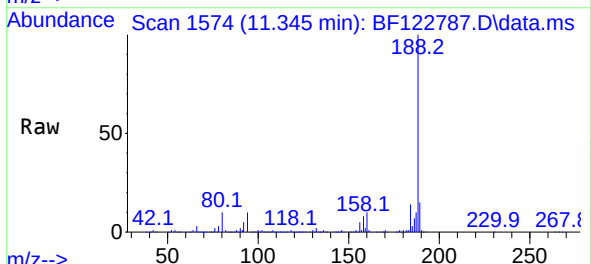
#63  
Azobenzene  
Concen: 42.49 ng  
RT: 10.557 min Scan# 1440  
Delta R.T. -0.006 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03



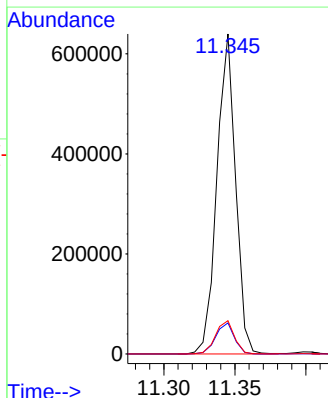
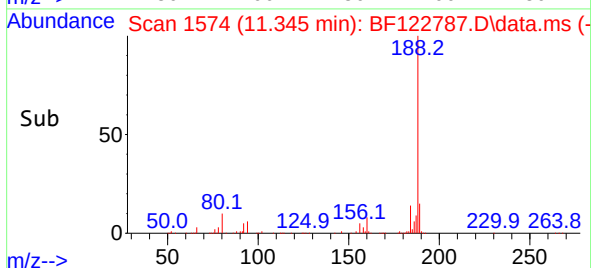
Tgt Ion: 77 Resp: 924160  
Ion Ratio Lower Upper  
77 100  
182 25.7 5.6 45.6  
105 22.4 1.8 41.8  
51 27.7 8.3 48.3



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.345 min Scan# 1574  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03



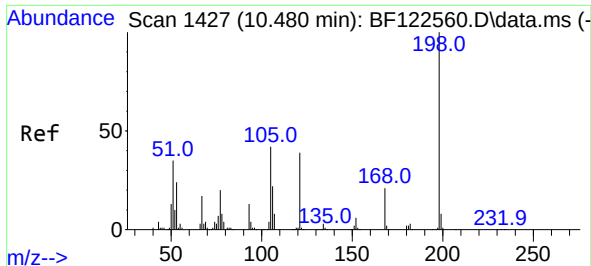
Tgt Ion: 188 Resp: 583429  
Ion Ratio Lower Upper  
188 100  
94 9.7 7.4 11.2  
80 10.4 8.2 12.4



Instrument :  
BNA\_F  
ClientSampleId :  
DETENTION-LINE-1MS

Manual Integrations  
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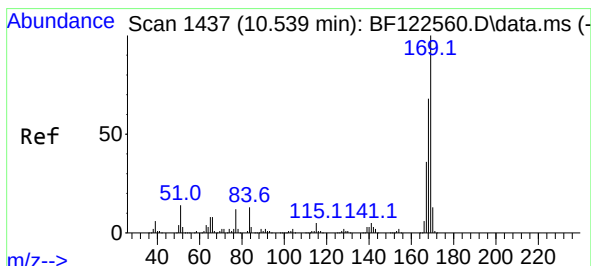
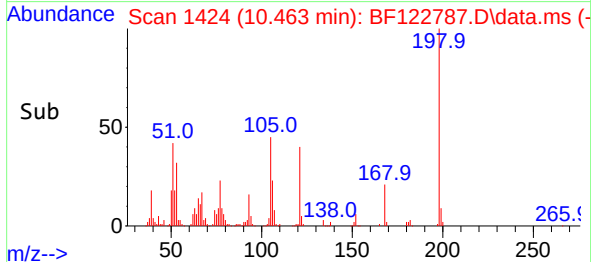
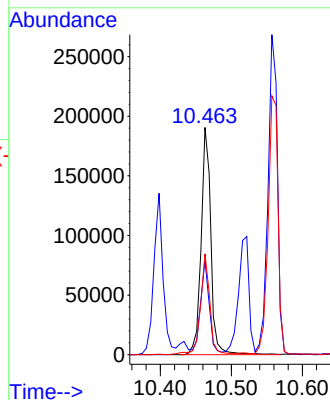
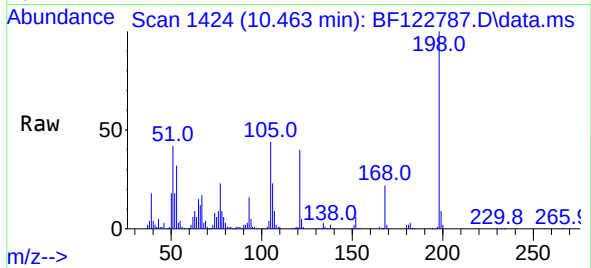
#65  
4,6-Dinitro-2-methylphenol  
Concen: 51.37 ng  
RT: 10.463 min Scan# 1424  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
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Tgt Ion:198 Resp: 182761  
Ion Ratio Lower Upper  
198 100  
51 41.5 20.3 60.3  
105 44.4 23.0 63.0

Instrument :  
BNA\_F  
ClientSampleId :  
DETENTION-LINE-1MS

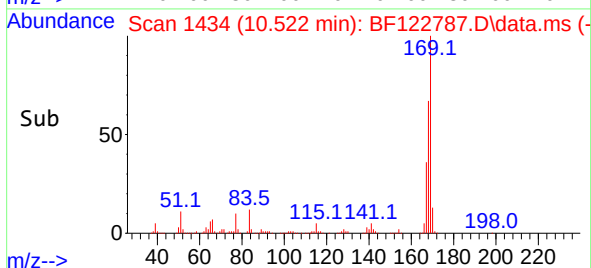
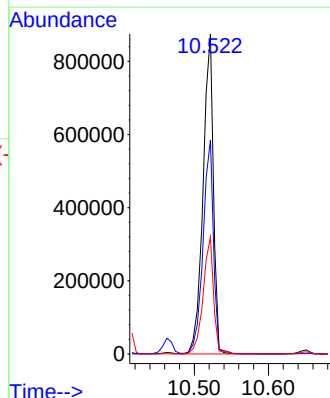
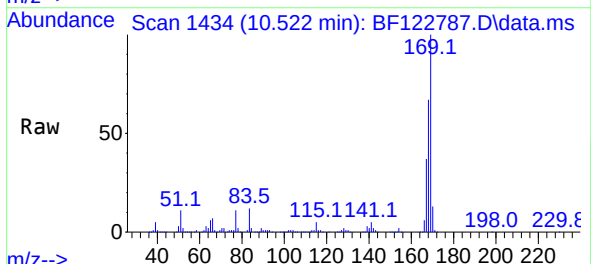
Manual Integrations  
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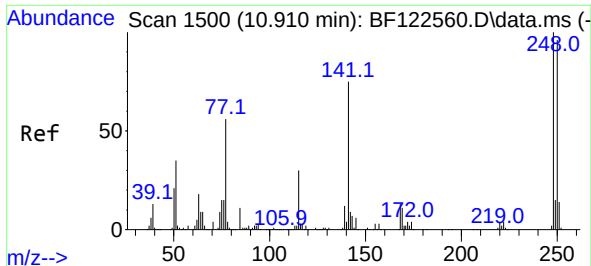
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#66  
n-Nitrosodiphenylamine  
Concen: 41.32 ng  
RT: 10.522 min Scan# 1434  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

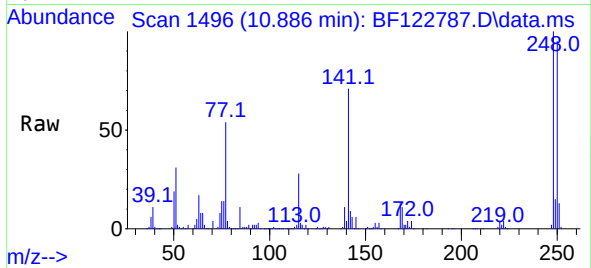
Tgt Ion:169 Resp: 851855  
Ion Ratio Lower Upper  
169 100  
168 66.9 54.2 81.2  
167 36.5 29.2 43.8





#67  
4-Bromophenyl-phenylether  
Concen: 40.63 ng  
RT: 10.886 min Scan# 1496  
Delta R.T. -0.006 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

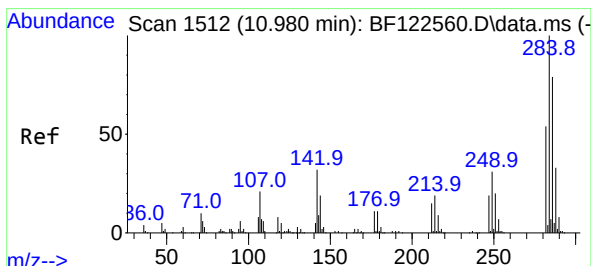
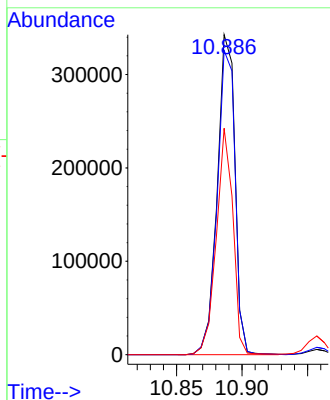
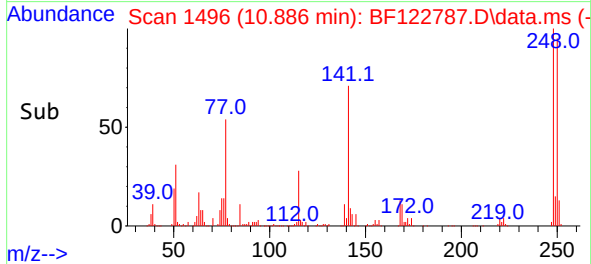
Instrument :  
BNA\_F  
ClientSampleId :  
DETENTION-LINE-1MS



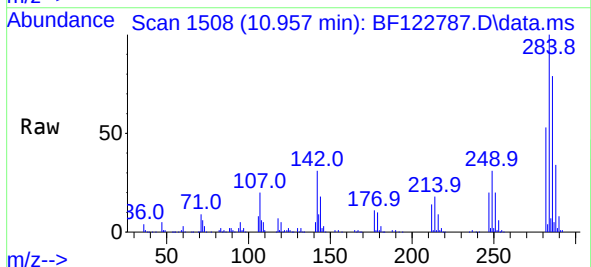
Tgt Ion:248 Resp: 321209  
Ion Ratio Lower Upper  
248 100  
250 95.0 76.8 115.2  
141 70.8 59.8 89.8

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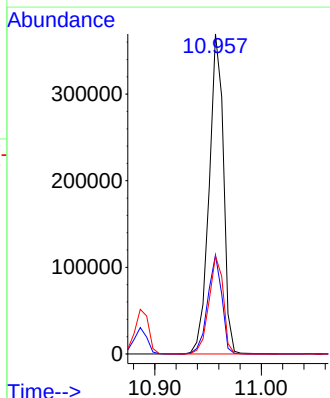
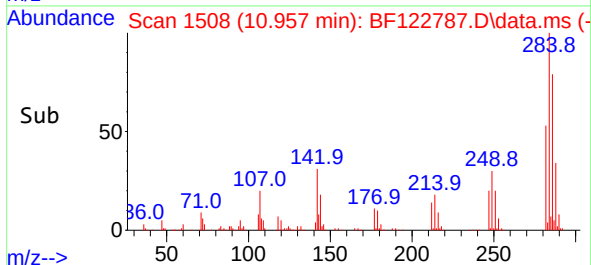
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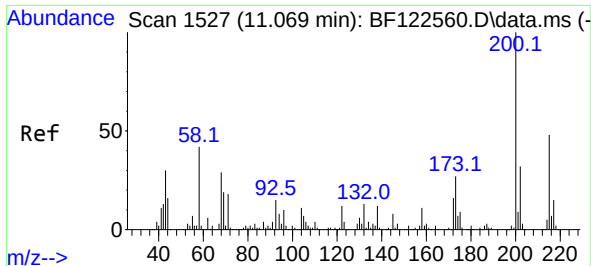


#68  
Hexachlorobenzene  
Concen: 39.71 ng  
RT: 10.957 min Scan# 1508  
Delta R.T. -0.006 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03



Tgt Ion:284 Resp: 347059  
Ion Ratio Lower Upper  
284 100  
142 31.0 25.6 38.4  
249 30.6 25.1 37.7





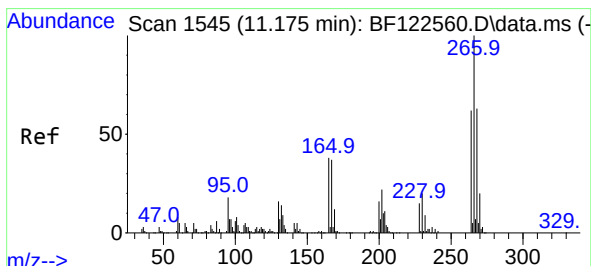
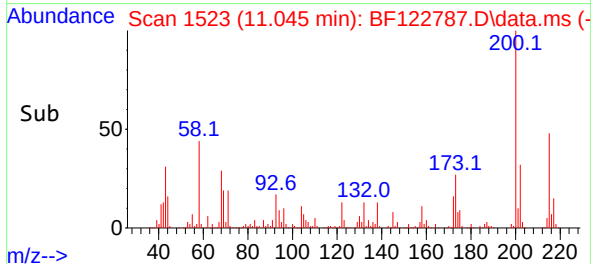
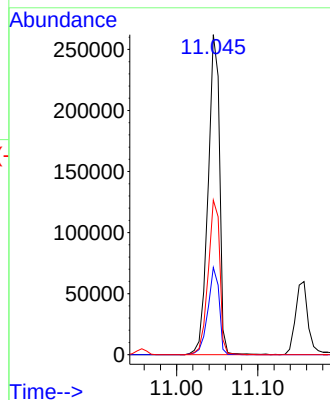
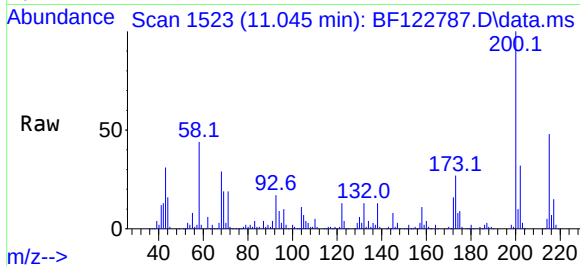
#69  
Atrazine  
Concen: 38.37 ng  
RT: 11.045 min Scan# 1523  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

Tgt Ion:200 Resp: 256908  
Ion Ratio Lower Upper  
200 100  
173 27.3 6.6 46.6  
215 48.3 28.1 68.1

Instrument :  
BNA\_F  
ClientSampleId :  
DETENTION-LINE-1MS

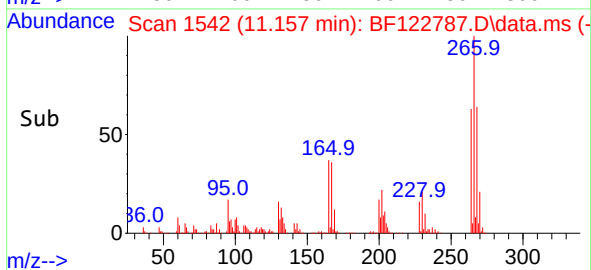
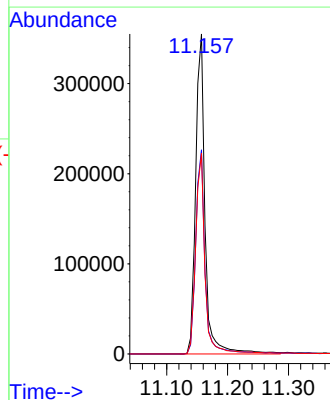
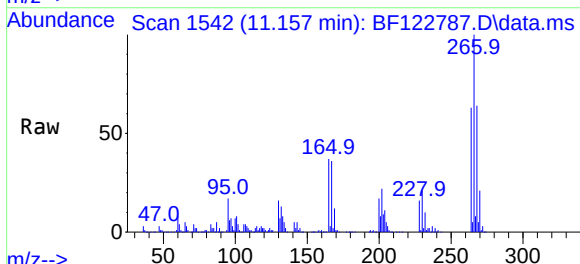
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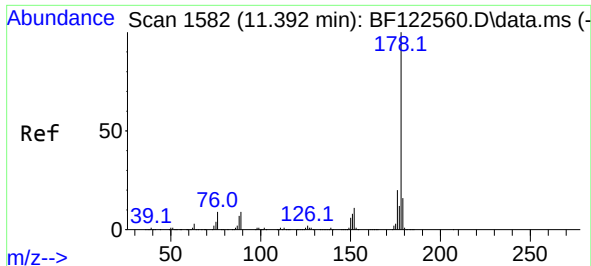
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#70  
Pentachlorophenol  
Concen: 82.12 ng  
RT: 11.157 min Scan# 1542  
Delta R.T. 0.006 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

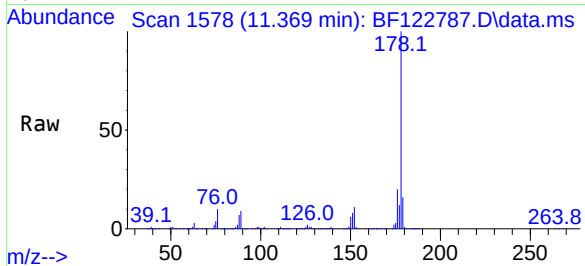
Tgt Ion:266 Resp: 380257  
Ion Ratio Lower Upper  
266 100  
268 63.8 50.5 75.7  
264 62.7 49.8 74.8





#71  
Phenanthrene  
Concen: 40.99 ng  
RT: 11.369 min Scan# 1578  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

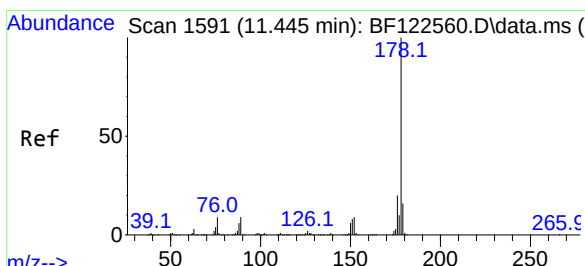
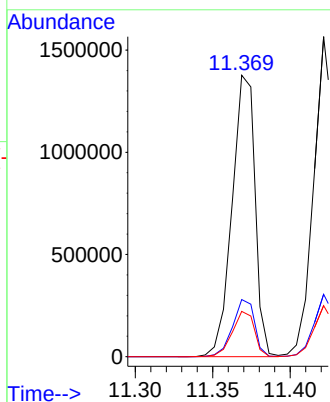
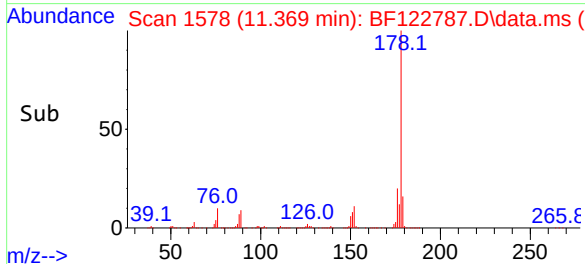
Instrument :  
BNA\_F  
ClientSampleId :  
DETENTION-LINE-1MS



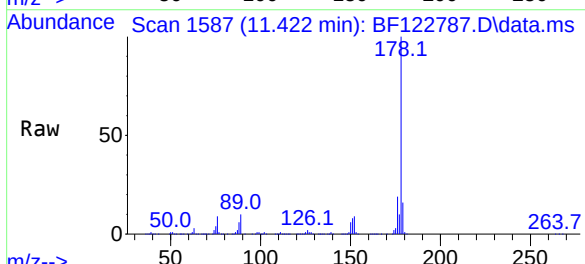
Tgt Ion:178 Resp: 1421211  
Ion Ratio Lower Upper  
178 100  
176 20.3 16.2 24.2  
179 16.1 12.7 19.1

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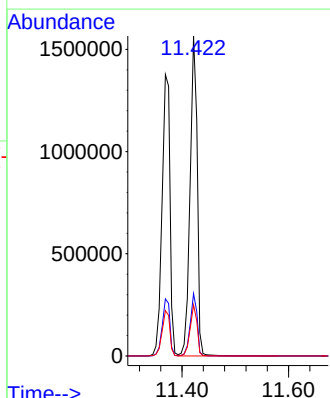
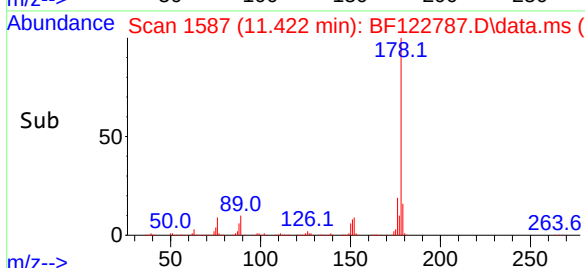
mohammad  
12/21/2020 10:42:31 AM

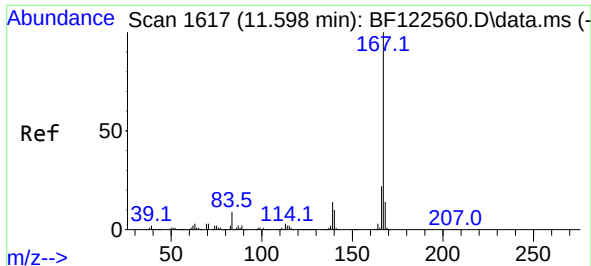


#72  
Anthracene  
Concen: 42.60 ng  
RT: 11.422 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03



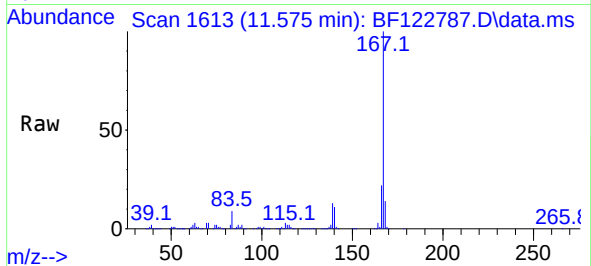
Tgt Ion:178 Resp: 1464693  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.6 23.4  
179 15.9 12.8 19.2





#73  
 Carbazole  
 Concen: 42.69 ng  
 RT: 11.575 min Scan# 1613  
 Delta R.T. -0.000 min  
 Lab File: BF122787.D  
 Acq: 18 Dec 2020 16:03

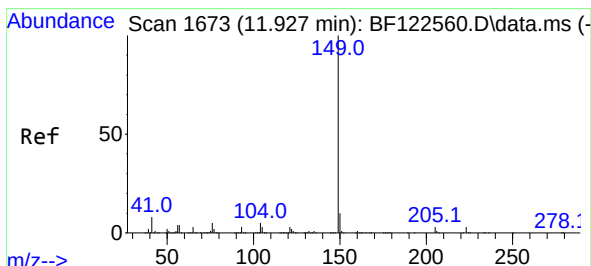
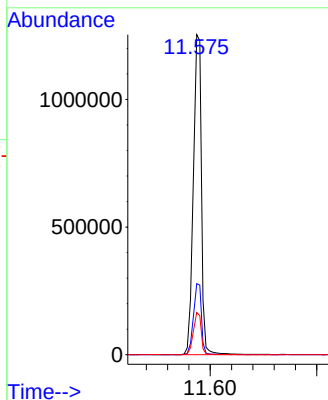
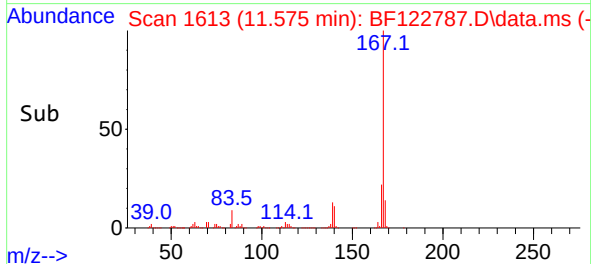
Instrument :  
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 ClientSampleId :  
 DETENTION-LINE-1MS



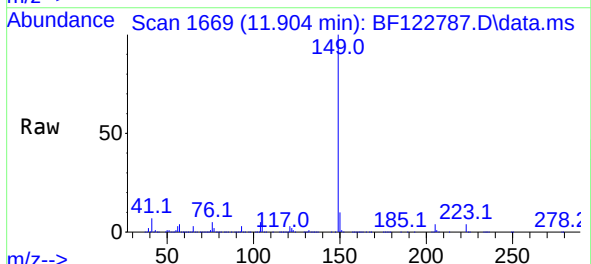
Tgt Ion:167 Resp: 1331186  
 Ion Ratio Lower Upper  
 167 100  
 166 22.2 18.0 27.0  
 139 13.2 10.9 16.3

Manual Integrations  
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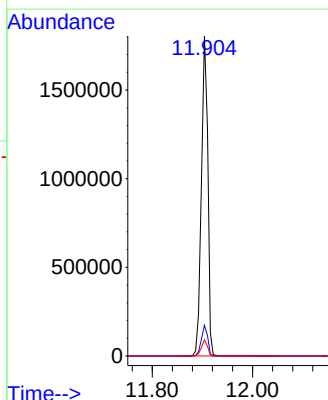
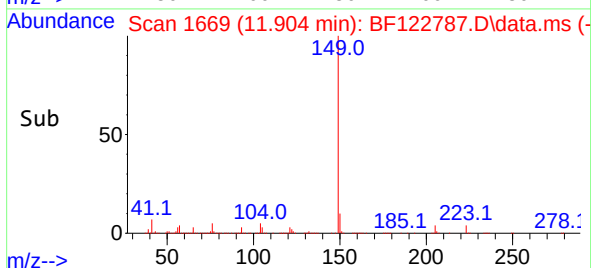
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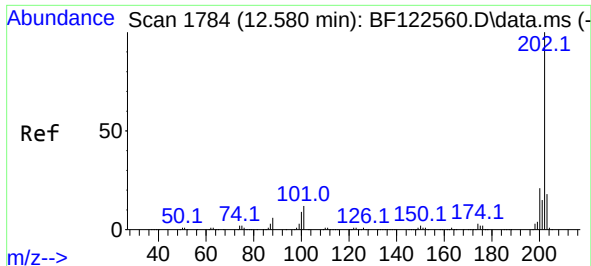
#74  
 Di-n-butylphthalate  
 Concen: 40.70 ng  
 RT: 11.904 min Scan# 1669  
 Delta R.T. -0.006 min  
 Lab File: BF122787.D  
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Tgt Ion:149 Resp: 1594829  
 Ion Ratio Lower Upper  
 149 100  
 150 9.6 7.8 11.6  
 104 5.0 4.2 6.4

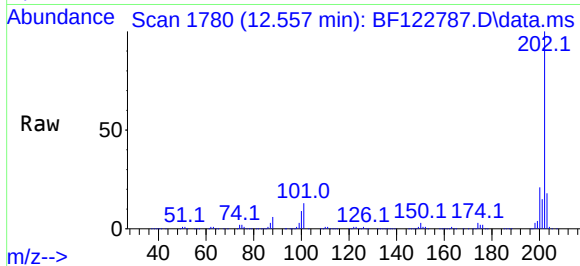






#75  
Fluoranthene  
Concen: 42.00 ng  
RT: 12.557 min Scan# 1780  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

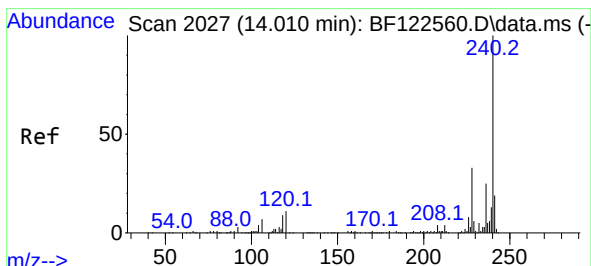
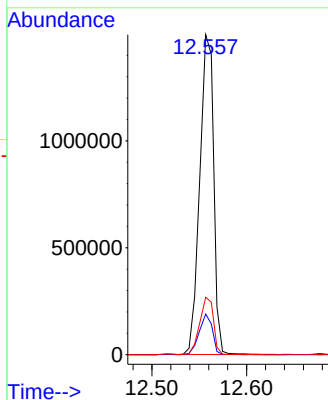
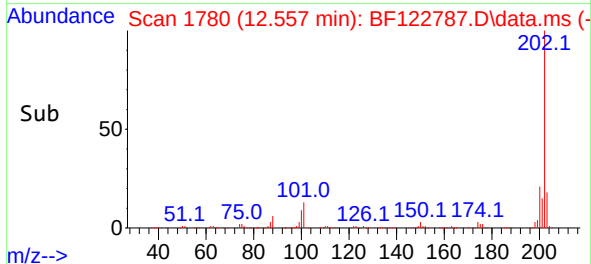
Instrument :  
BNA\_F  
ClientSampleId :  
DETENTION-LINE-1MS



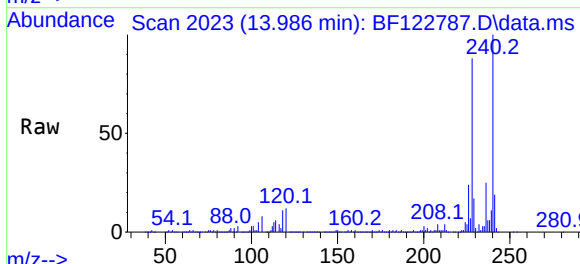
Tgt Ion:202 Resp: 1527167  
Ion Ratio Lower Upper  
202 100  
101 12.7 0.0 32.2  
203 18.0 0.0 38.1

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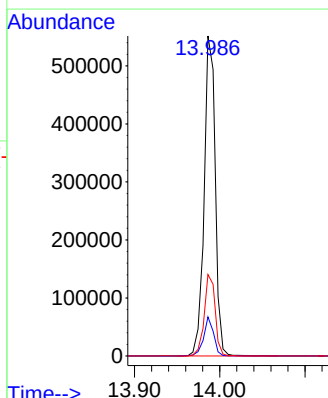
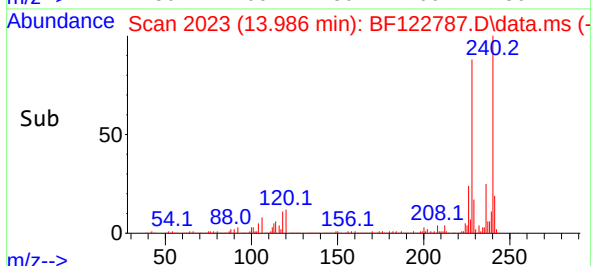
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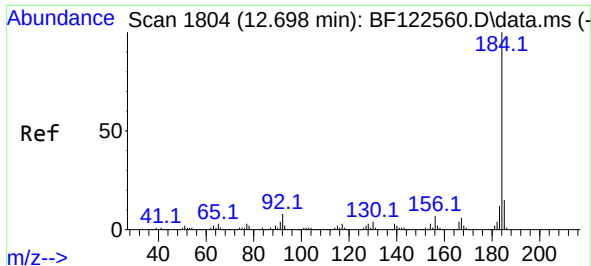


#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.986 min Scan# 2023  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

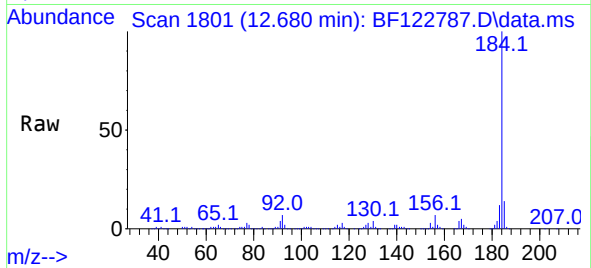


Tgt Ion:240 Resp: 498573  
Ion Ratio Lower Upper  
240 100  
120 12.2 8.6 12.8  
236 25.5 20.3 30.5

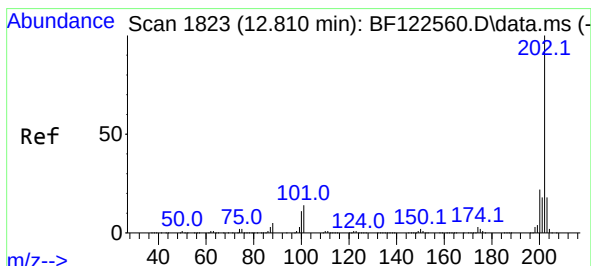
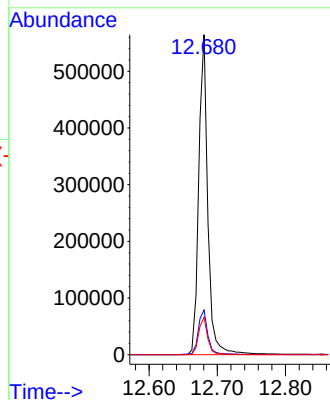
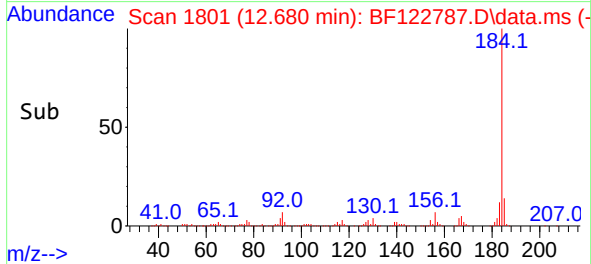




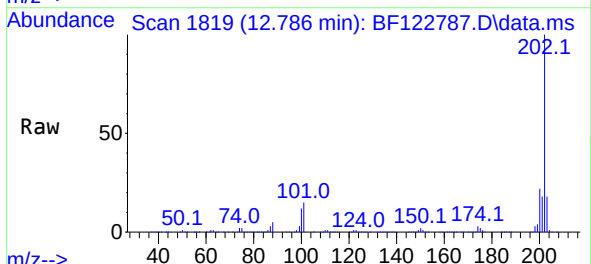
#77  
Benzidine  
Concen: 48.38 ng  
RT: 12.680 min Scan# 1801  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03



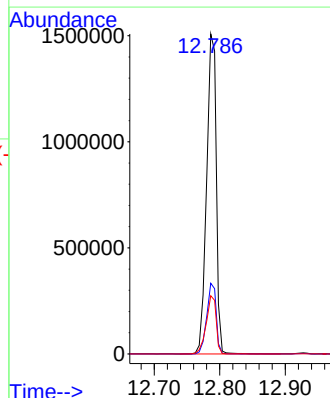
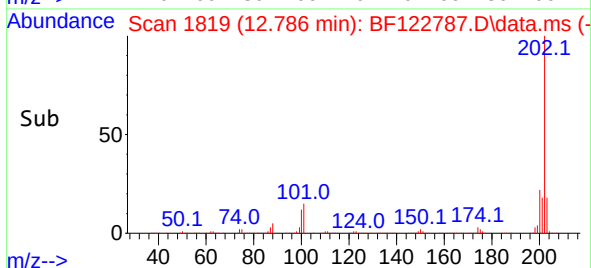
Tgt Ion:184 Resp: 521688  
Ion Ratio Lower Upper  
184 100  
185 13.9 11.8 17.6  
183 11.7 9.7 14.5



#78  
Pyrene  
Concen: 40.14 ng  
RT: 12.786 min Scan# 1819  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03



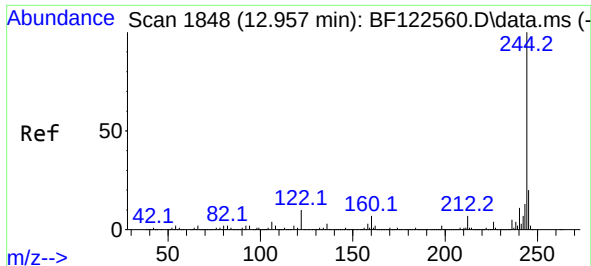
Tgt Ion:202 Resp: 1547141  
Ion Ratio Lower Upper  
202 100  
200 22.1 17.6 26.4  
203 18.2 14.6 21.8



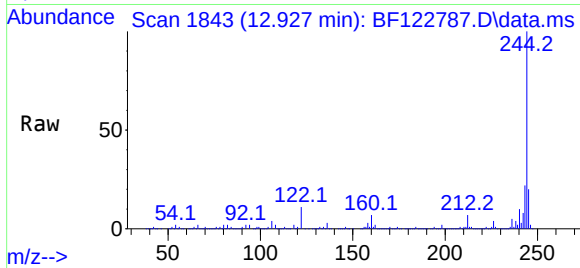
Instrument :  
BNA\_F  
ClientSampleId :  
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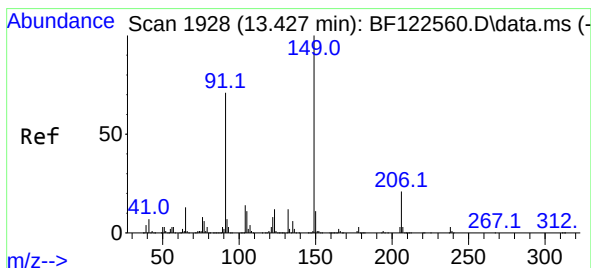
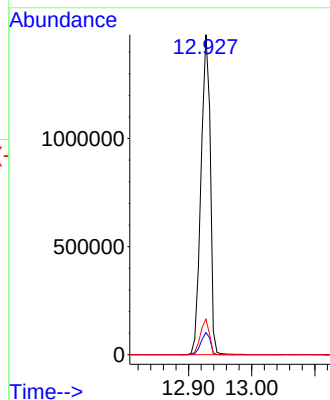
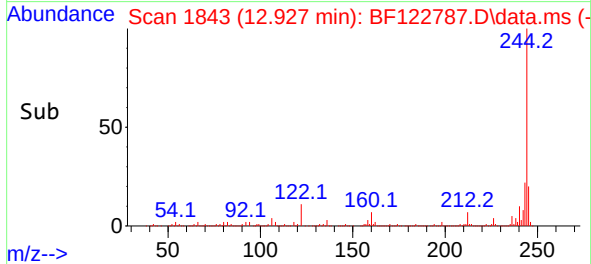
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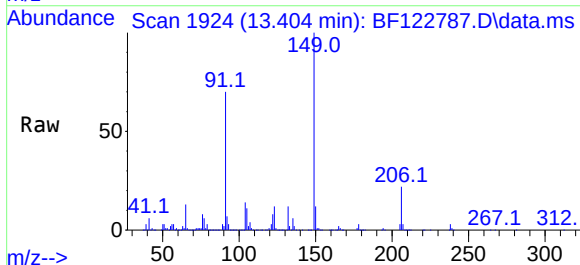
#79  
Terphenyl-d14  
Concen: 52.96 ng  
RT: 12.927 min Scan# 1843  
Delta R.T. -0.006 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03



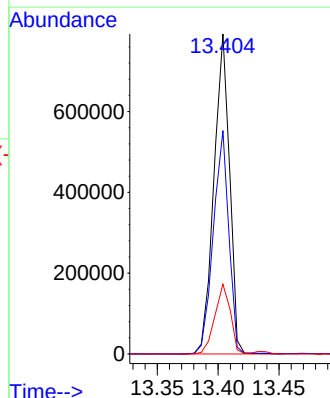
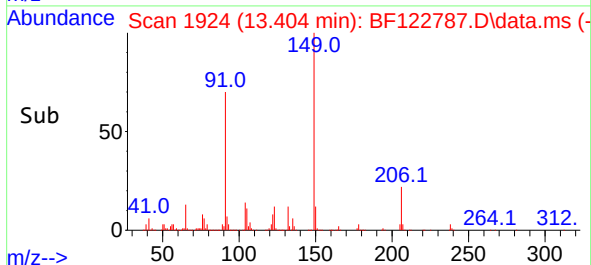
Tgt Ion:244 Resp: 1508376  
Ion Ratio Lower Upper  
244 100  
212 6.9 5.7 8.5  
122 11.1 8.3 12.5



#80  
Butylbenzylphthalate  
Concen: 40.63 ng  
RT: 13.404 min Scan# 1924  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03



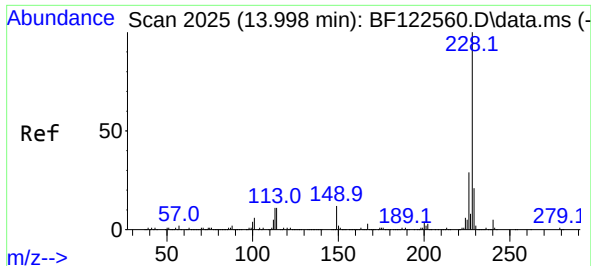
Tgt Ion:149 Resp: 705430  
Ion Ratio Lower Upper  
149 100  
91 69.8 56.5 84.7  
206 21.8 17.0 25.6



Instrument :  
BNA\_F  
ClientSampleId :  
DETENTION-LINE-1MS

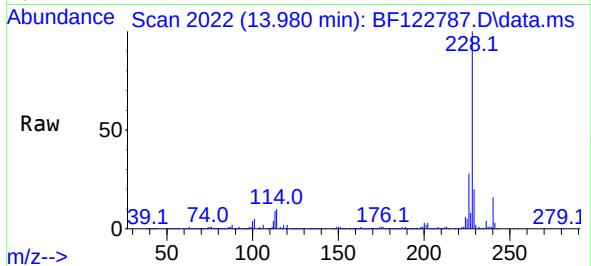
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#81  
Benzo(a)anthracene  
Concen: 40.96 ng  
RT: 13.980 min Scan# 2022  
Delta R.T. 0.006 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

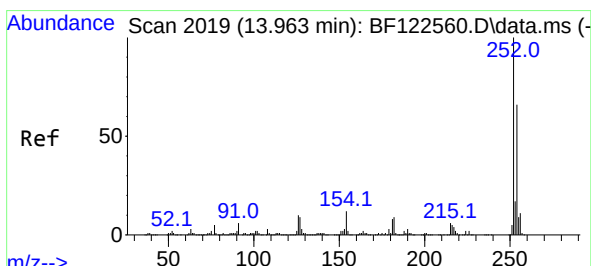
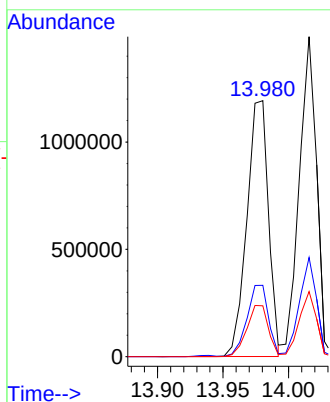
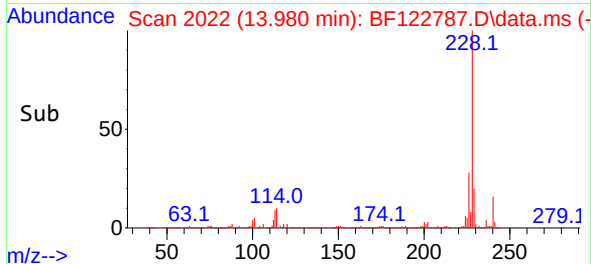
Instrument :  
BNA\_F  
ClientSampleId :  
DETENTION-LINE-1MS



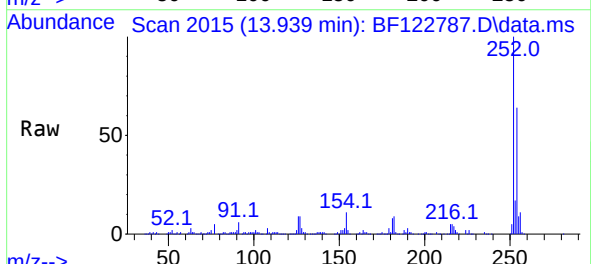
Tgt Ion:228 Resp: 1364934  
Ion Ratio Lower Upper  
228 100  
226 27.9 23.0 34.4  
229 19.9 16.6 24.8

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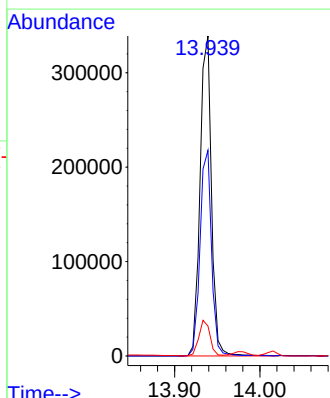
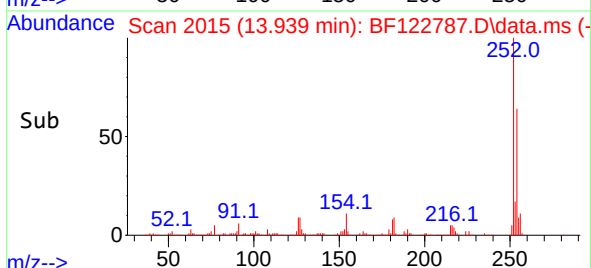
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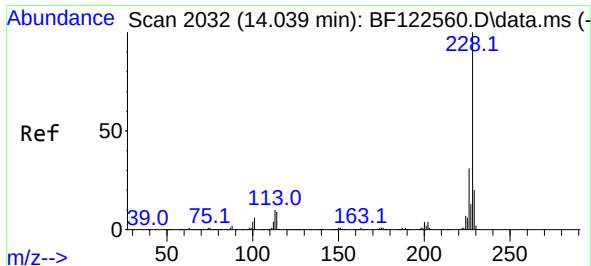


#82  
3,3'-Dichlorobenzidine  
Concen: 26.42 ng  
RT: 13.939 min Scan# 2015  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

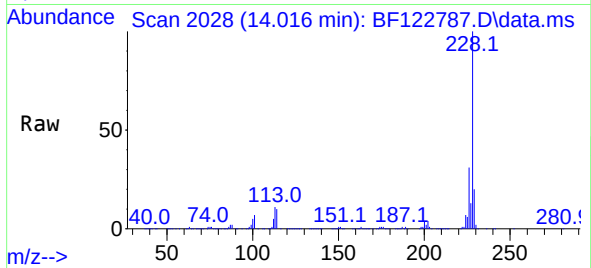


Tgt Ion:252 Resp: 315333  
Ion Ratio Lower Upper  
252 100  
254 64.3 52.7 79.1  
126 9.3 8.0 12.0



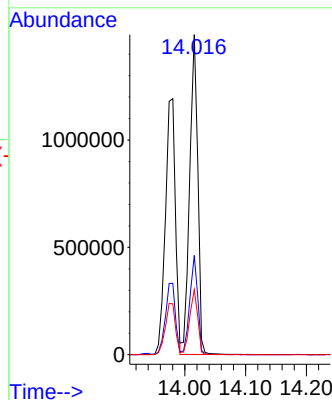
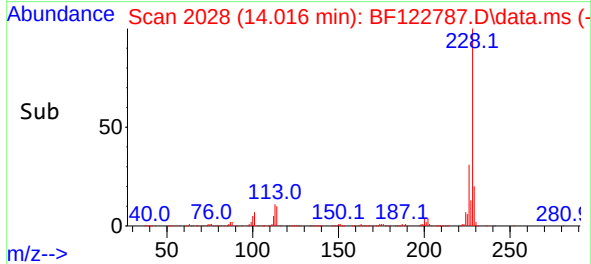


#83  
Chrysene  
Concen: 41.55 ng  
RT: 14.016 min Scan# 2028  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03



Tgt Ion:228 Resp: 1377685

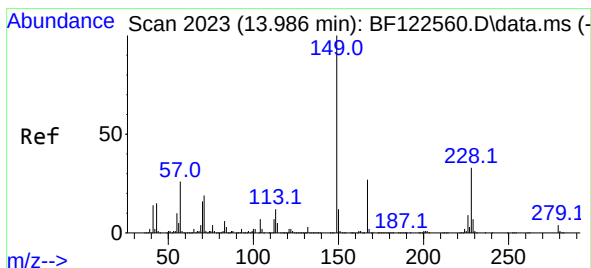
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 31.0  | 24.6  | 36.8  |
| 229 | 20.3  | 15.8  | 23.6  |



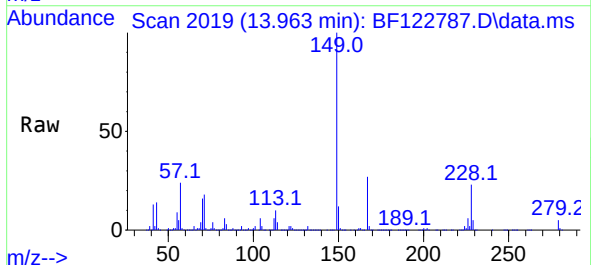
Instrument :  
BNA\_F  
ClientSampleId :  
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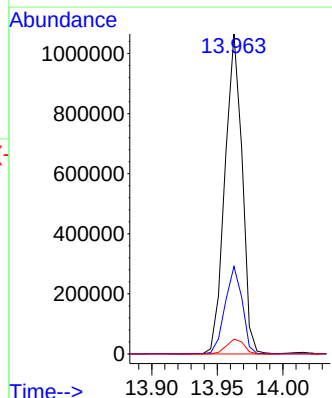
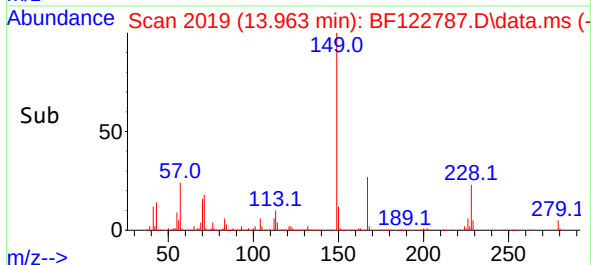


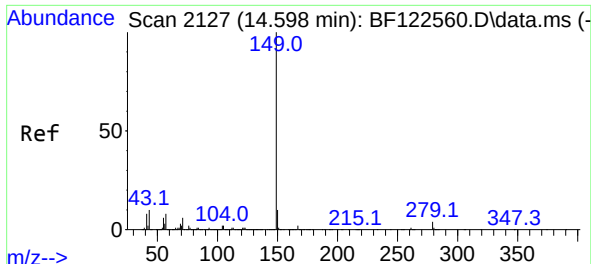
#84  
Bis(2-ethylhexyl)phthalate  
Concen: 40.89 ng  
RT: 13.963 min Scan# 2019  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03



Tgt Ion:149 Resp: 972151

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.3  | 21.4  | 32.2  |
| 279 | 4.6   | 3.4   | 5.0   |





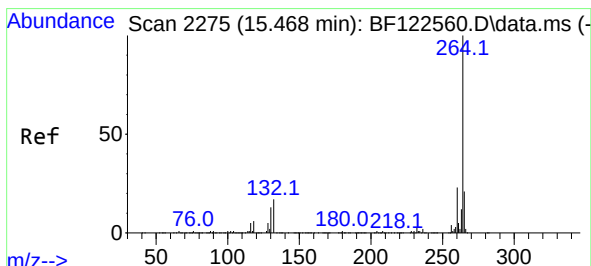
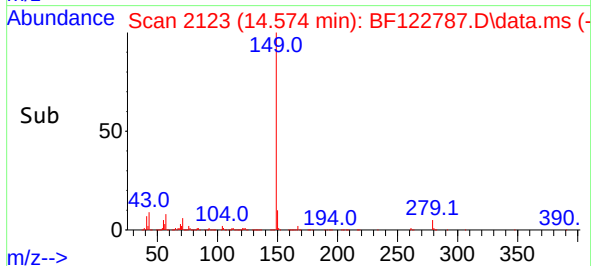
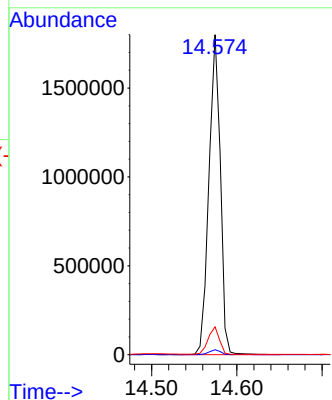
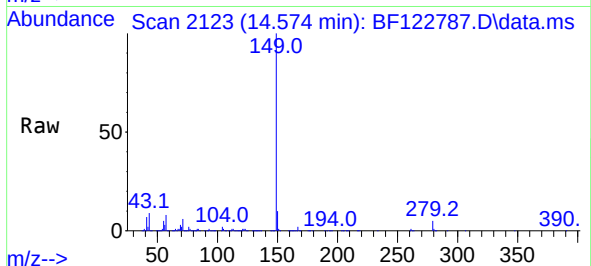
#85  
Di-n-octyl phthalate  
Concen: 42.31 ng  
RT: 14.574 min Scan# 2123  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
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Tgt Ion:149 Resp: 1668855  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.3 1.9  
43 8.6 7.6 11.4

Instrument :  
BNA\_F  
ClientSampleId :  
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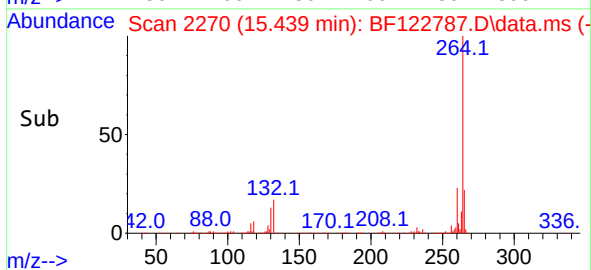
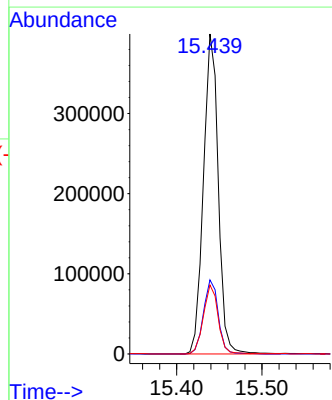
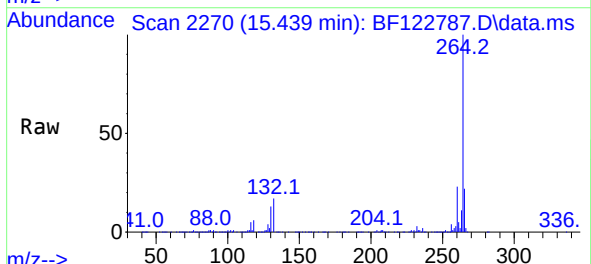
Manual Integrations  
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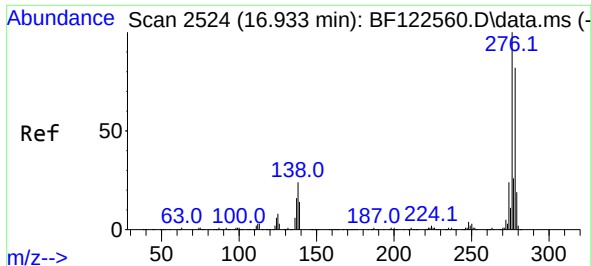
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.439 min Scan# 2270  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

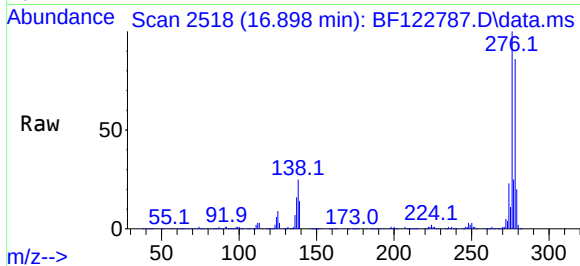
Tgt Ion:264 Resp: 481802  
Ion Ratio Lower Upper  
264 100  
260 23.2 18.6 28.0  
265 21.6 17.0 25.6





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 42.37 ng  
RT: 16.898 min Scan# 2518  
Delta R.T. 0.006 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

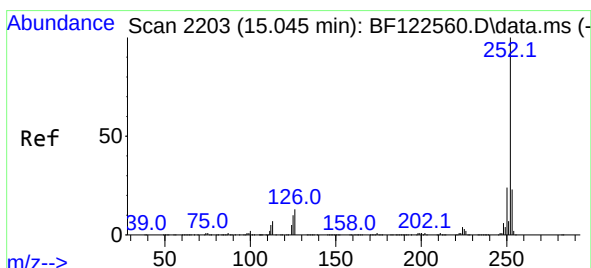
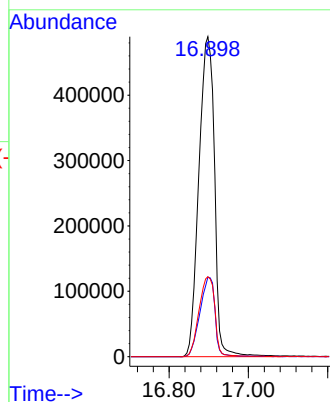
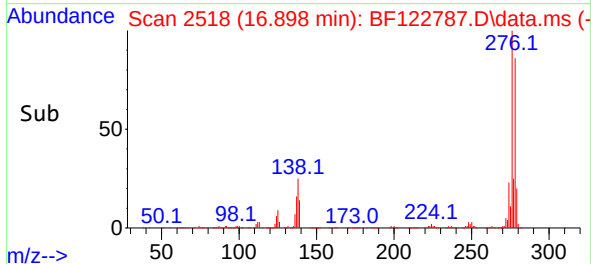
Instrument :  
BNA\_F  
ClientSampleId :  
DETENTION-LINE-1MS



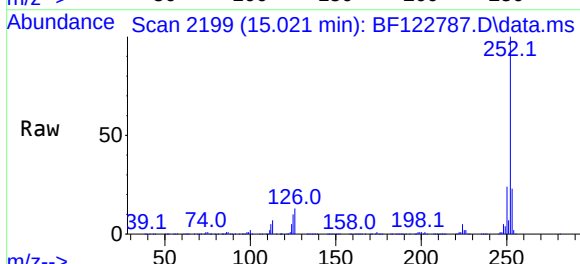
Tgt Ion:276 Resp: 1339981  
Ion Ratio Lower Upper  
276 100  
138 23.9 18.7 28.1  
277 25.4 20.2 30.4

Manual Integrations  
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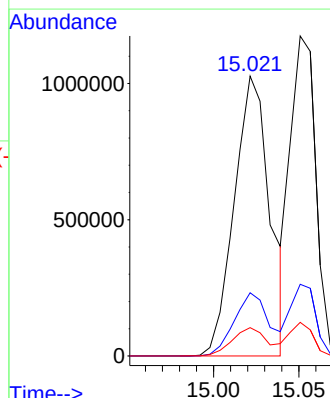
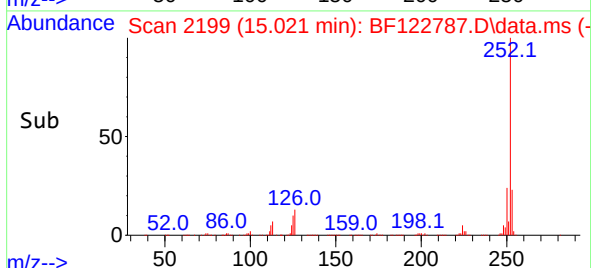
mohammad  
12/21/2020 10:42:31 AM

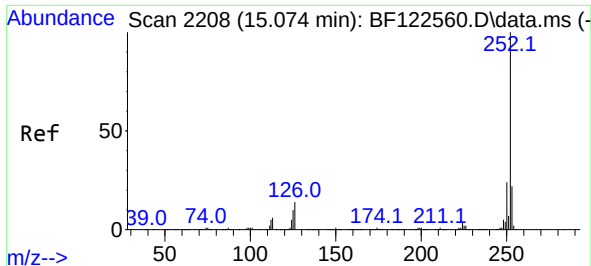


#88  
Benzo(b)fluoranthene  
Concen: 44.14 ng  
RT: 15.021 min Scan# 2199  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03

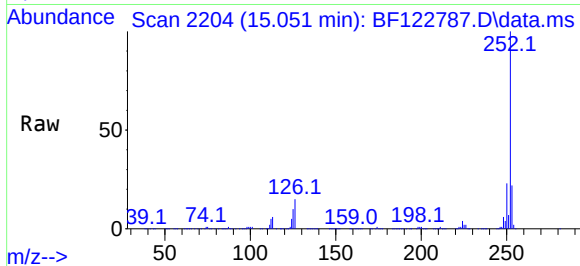


Tgt Ion:252 Resp: 1492077  
Ion Ratio Lower Upper  
252 100  
253 22.6 18.3 27.5  
125 10.1 8.1 12.1

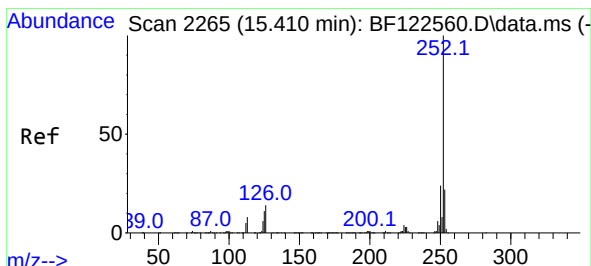
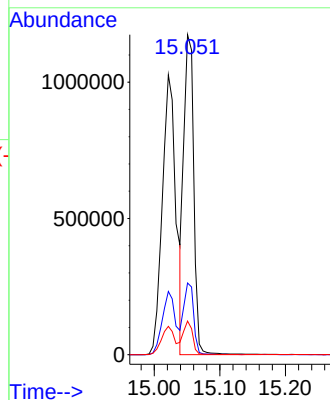
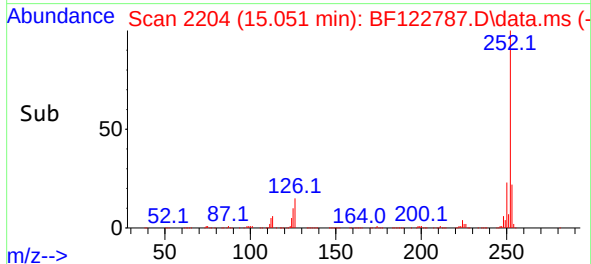




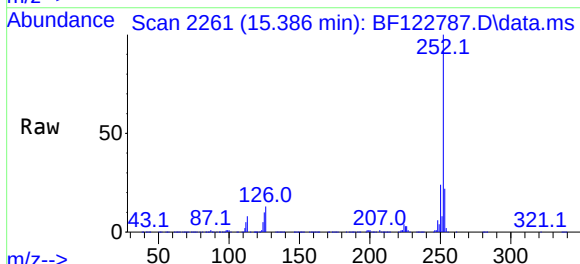
#89  
Benzo(k)fluoranthene  
Concen: 39.97 ng  
RT: 15.051 min Scan# 2204  
Delta R.T. -0.000 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03



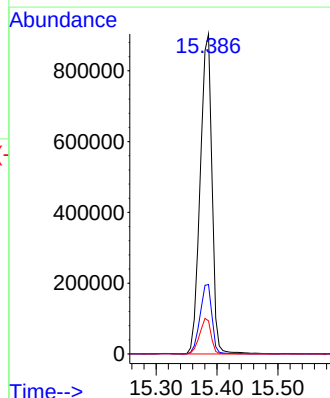
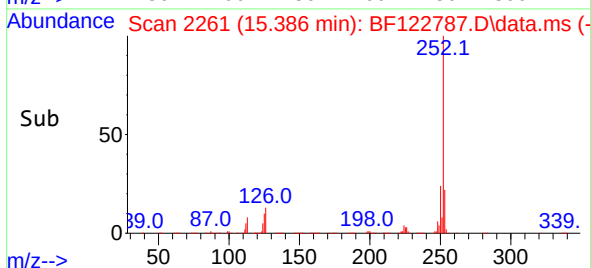
Tgt Ion:252 Resp: 1235323  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.8 26.8  
125 10.5 8.4 12.6



#90  
Benzo(a)pyrene  
Concen: 41.10 ng  
RT: 15.386 min Scan# 2261  
Delta R.T. 0.006 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03



Tgt Ion:252 Resp: 1215635  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.5 26.3  
125 10.4 8.6 12.8

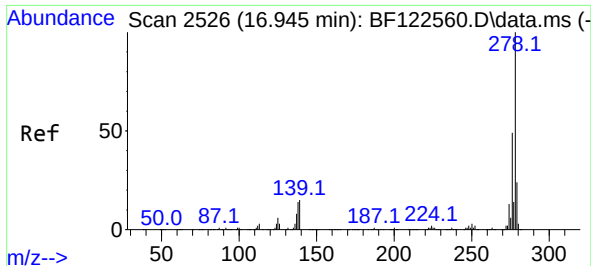


Instrument :  
BNA\_F  
ClientSampleId :  
DETENTION-LINE-1MS

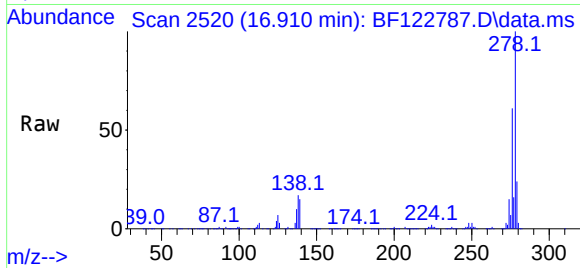
Manual Integrations  
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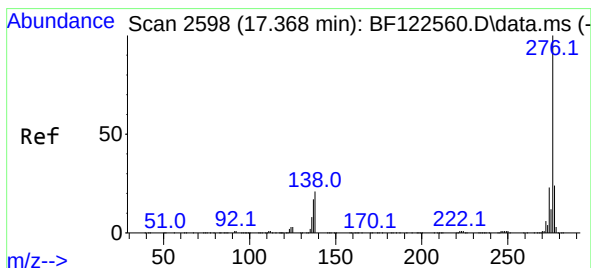
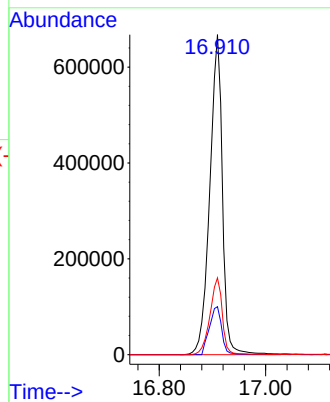
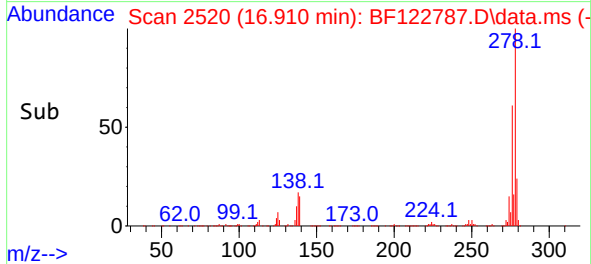




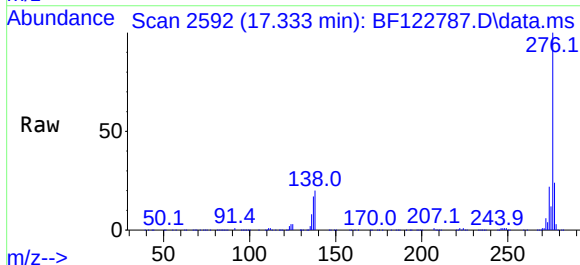
#91  
Dibenzo(a,h)anthracene  
Concen: 42.47 ng  
RT: 16.910 min Scan# 2520  
Delta R.T. 0.006 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03



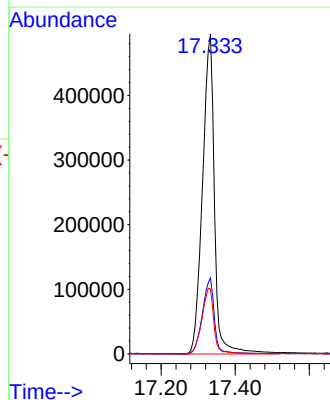
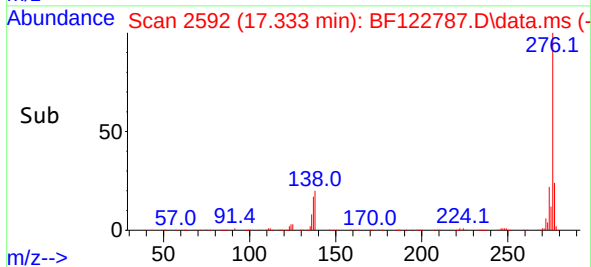
Tgt Ion:278 Resp: 1099334  
Ion Ratio Lower Upper  
278 100  
139 15.0 12.0 18.0  
279 24.0 19.4 29.2



#92  
Benzo(g,h,i)perylene  
Concen: 44.31 ng  
RT: 17.333 min Scan# 2592  
Delta R.T. 0.006 min  
Lab File: BF122787.D  
Acq: 18 Dec 2020 16:03



Tgt Ion:276 Resp: 1109960  
Ion Ratio Lower Upper  
276 100  
277 23.8 19.3 28.9  
138 20.3 16.6 24.8



Instrument :  
BNA\_F  
ClientSampleId :  
DETENTION-LINE-1MS

Manual Integrations  
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mohammad  
12/21/2020 10:42:31 AM