

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062121\  
 Data File : BF124391.D  
 Acq On : 21 Jun 2021 13:48  
 Operator : JU/CG  
 Sample : M2773-08MSD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-8MSD

Manual Integrations  
 APPROVED

mohammad  
 6/23/2021 11:30:04 AM

Quant Time: Jun 21 14:12:04 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF060321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 15 20:09:26 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.786  | 152  | 31444    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.069  | 136  | 115961   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.827  | 164  | 67048    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.316 | 188  | 109856   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 13.962 | 240  | 68802    | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.421 | 264  | 82316    | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.416  | 112  | 100854   | 48.283 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.434  | 99   | 155981   | 55.555 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.351  | 82   | 135304   | 46.277 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.621 | 330  | 21979    | 23.138 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.145  | 172  | 250269   | 46.971 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.898 | 244  | 219298   | 43.761 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.522  | 88   | 33397    | 36.534 | ng    | # 87     |
| 3) Pyridine                   | 3.263  | 79   | 75401    | 32.207 | ng    | 84       |
| 4) n-Nitrosodimethylamine     | 3.216  | 42   | 49190    | 35.360 | ng    | # 91     |
| 6) Aniline                    | 6.451  | 93   | 104410m  | 32.557 | ng    |          |
| 8) 2-Chlorophenol             | 6.575  | 128  | 99472    | 42.797 | ng    | 95       |
| 9) Benzaldehyde               | 6.339  | 77   | 69225    | 55.468 | ng    | 97       |
| 10) Phenol                    | 6.445  | 94   | 121180   | 39.936 | ng    | # 56     |
| 11) bis(2-Chloroethyl)ether   | 6.522  | 93   | 94820    | 42.866 | ng    | 92       |
| 12) 1,3-Dichlorobenzene       | 6.728  | 146  | 116376   | 42.830 | ng    | 93       |
| 13) 1,4-Dichlorobenzene       | 6.804  | 146  | 124272   | 45.596 | ng    | 94       |
| 14) 1,2-Dichlorobenzene       | 6.957  | 146  | 113495   | 43.530 | ng    | 94       |
| 15) Benzyl Alcohol            | 6.939  | 79   | 138006   | 54.524 | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.063  | 45   | 126183   | 36.566 | ng    | # 42     |
| 17) 2-Methylphenol            | 7.057  | 107  | 78566    | 41.582 | ng    | # 86     |
| 18) Hexachloroethane          | 7.292  | 117  | 46679    | 43.491 | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 7.204  | 70   | 76834    | 38.766 | ng    | # 81     |
| 20) 3+4-Methylphenols         | 7.210  | 107  | 104810   | 41.865 | ng    | # 73     |
| 22) Acetophenone              | 7.198  | 105  | 139241   | 42.121 | ng    | # 91     |
| 24) Nitrobenzene              | 7.375  | 77   | 118702   | 40.470 | ng    | 95       |
| 25) Isophorone                | 7.610  | 82   | 195255   | 37.059 | ng    | 98       |
| 26) 2-Nitrophenol             | 7.692  | 139  | 55963    | 42.713 | ng    | # 84     |
| 27) 2,4-Dimethylphenol        | 7.733  | 122  | 85961    | 46.527 | ng    | 92       |
| 28) bis(2-Chloroethoxy)met... | 7.822  | 93   | 114488   | 43.831 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 7.939  | 162  | 89931    | 42.066 | ng    | 90       |
| 30) 1,2,4-Trichlorobenzene    | 8.010  | 180  | 104679   | 43.692 | ng    | 97       |
| 31) Naphthalene               | 8.092  | 128  | 282966   | 40.815 | ng    | 97       |
| 32) Benzoic acid              | 7.869  | 122  | 28361    | 25.016 | ng    | # 82     |
| 33) 4-Chloroaniline           | 8.145  | 127  | 34840    | 13.511 | ng    | 92       |
| 34) Hexachlorobutadiene       | 8.210  | 225  | 68638    | 40.559 | ng    | 93       |
| 35) Caprolactam               | 8.527  | 113  | 24588m   | 41.865 | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.645  | 107  | 91348    | 39.055 | ng    | # 85     |
| 37) 2-Methylnaphthalene       | 8.786  | 142  | 205618   | 42.292 | ng    | 95       |
| 38) 1-Methylnaphthalene       | 8.886  | 142  | 190680   | 41.969 | ng    | 96       |
| 40) 1,2,4,5-Tetrachloroben... | 8.951  | 216  | 109129   | 45.939 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 8.939  | 237  | 65395    | 53.571 | ng    | 92       |
| 43) 2,4,6-Trichlorophenol     | 9.069  | 196  | 63206    | 40.796 | ng    | 95       |

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Manual Integrations  
 APPROVED

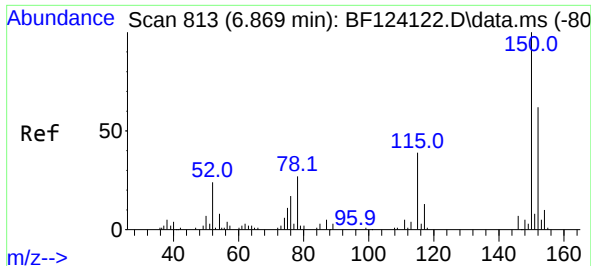
mohammad  
 6/23/2021 11:30:04 AM

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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.122  | 196  | 63764    | 38.338 | ng    | # 91     |
| 46) 1,1'-Biphenyl             | 9.251  | 154  | 246987   | 43.638 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.274  | 162  | 199085   | 43.214 | ng    | 93       |
| 48) 2-Nitroaniline            | 9.380  | 65   | 65616    | 39.467 | ng    | 88       |
| 49) Acenaphthylene            | 9.686  | 152  | 286554   | 42.791 | ng    | 98       |
| 50) Dimethylphthalate         | 9.551  | 163  | 226267   | 40.789 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 9.622  | 165  | 49801    | 39.155 | ng    | # 72     |
| 52) Acenaphthene              | 9.863  | 154  | 180332   | 41.231 | ng    | 96       |
| 53) 3-Nitroaniline            | 9.786  | 138  | 25428    | 21.361 | ng    | # 89     |
| 54) 2,4-Dinitrophenol         | 9.910  | 184  | 31498    | 49.822 | ng    | # 81     |
| 55) Dibenzofuran              | 10.033 | 168  | 275825   | 40.293 | ng    | 98       |
| 56) 4-Nitrophenol             | 9.974  | 139  | 47350    | 55.658 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.027 | 165  | 67261    | 40.098 | ng    | # 90     |
| 58) Fluorene                  | 10.374 | 166  | 219159   | 41.708 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.157 | 232  | 48997    | 36.353 | ng    | # 96     |
| 60) Diethylphthalate          | 10.251 | 149  | 221311   | 39.532 | ng    | 94       |
| 61) 4-Chlorophenyl-phenyle... | 10.369 | 204  | 109357   | 40.703 | ng    | 92       |
| 62) 4-Nitroaniline            | 10.410 | 138  | 41808    | 34.930 | ng    | 93       |
| 63) Azobenzene                | 10.527 | 77   | 219481   | 37.611 | ng    | 95       |
| 65) 4,6-Dinitro-2-methylph... | 10.439 | 198  | 29361    | 33.257 | ng    | # 65     |
| 66) n-Nitrosodiphenylamine    | 10.486 | 169  | 186846   | 44.764 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.857 | 248  | 64183    | 42.566 | ng    | 96       |
| 68) Hexachlorobenzene         | 10.927 | 284  | 72155    | 42.249 | ng    | 98       |
| 69) Atrazine                  | 11.016 | 200  | 56783    | 48.057 | ng    | 99       |
| 70) Pentachlorophenol         | 11.127 | 266  | 34497    | 40.760 | ng    | 95       |
| 71) Phenanthrene              | 11.339 | 178  | 295887   | 43.116 | ng    | 100      |
| 72) Anthracene                | 11.392 | 178  | 312814   | 45.262 | ng    | 97       |
| 73) Carbazole                 | 11.551 | 167  | 233388   | 38.751 | ng    | 95       |
| 74) Di-n-butylphthalate       | 11.874 | 149  | 300755   | 38.857 | ng    | 97       |
| 75) Fluoranthene              | 12.527 | 202  | 275326   | 38.222 | ng    | 97       |
| 77) Benzidine                 | 12.651 | 184  | 106990   | 65.139 | ng    | 97       |
| 78) Pyrene                    | 12.757 | 202  | 271230   | 41.053 | ng    | 98       |
| 80) Butylbenzylphthalate      | 13.374 | 149  | 101376   | 37.825 | ng    | 94       |
| 81) Benzo(a)anthracene        | 13.951 | 228  | 226873   | 45.264 | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine    | 13.910 | 252  | 49495    | 33.661 | ng    | 94       |
| 83) Chrysene                  | 13.986 | 228  | 212121   | 43.865 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 13.933 | 149  | 137920   | 43.261 | ng    | 96       |
| 85) Di-n-octyl phthalate      | 14.545 | 149  | 244192   | 57.393 | ng    | # 88     |
| 87) Indeno(1,2,3-cd)pyrene    | 16.892 | 276  | 294120   | 43.388 | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 14.998 | 252  | 263134   | 41.151 | ng    | # 95     |
| 89) Benzo(k)fluoranthene      | 15.027 | 252  | 233225   | 38.528 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.362 | 252  | 249851   | 44.986 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.898 | 278  | 245968   | 42.586 | ng    | # 97     |
| 92) Benzo(g,h,i)perylene      | 17.327 | 276  | 241234   | 42.299 | ng    | 97       |

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





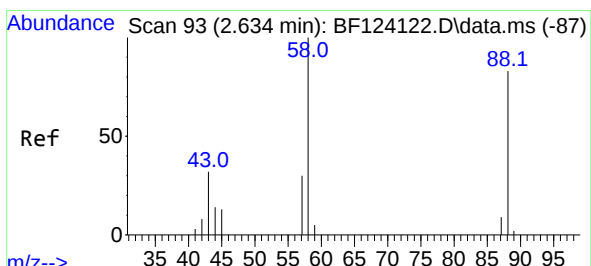
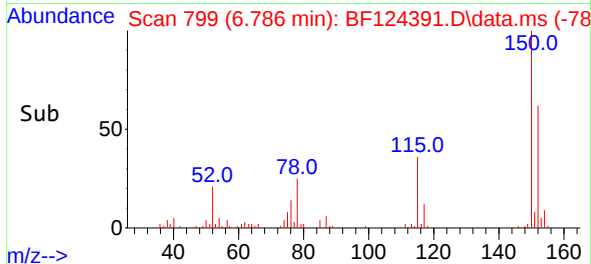
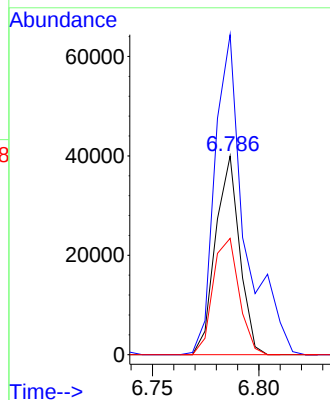
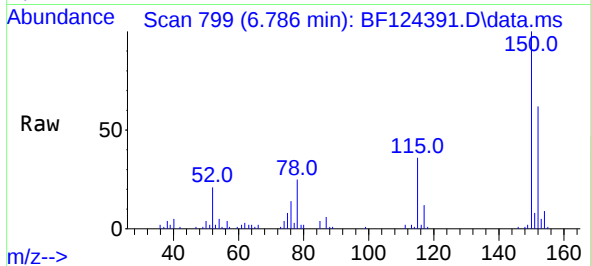
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.786 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

Tgt Ion: 152 Resp: 31444  
Ion Ratio Lower Upper  
152 100  
150 161.0 127.0 190.6  
115 58.5 54.3 81.5

Instrument :  
BNA\_F  
ClientSampled :  
SB-8MSD

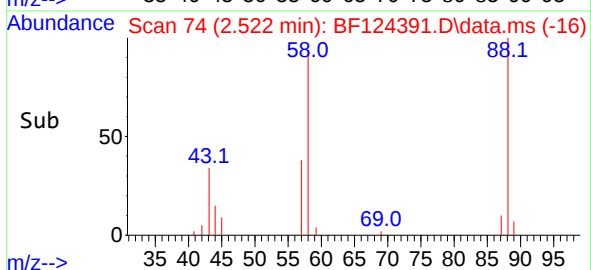
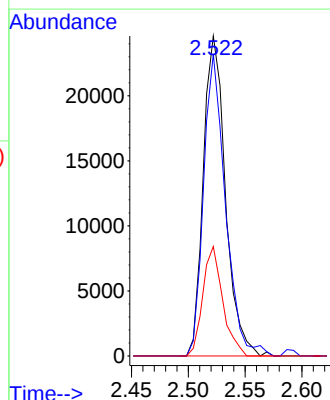
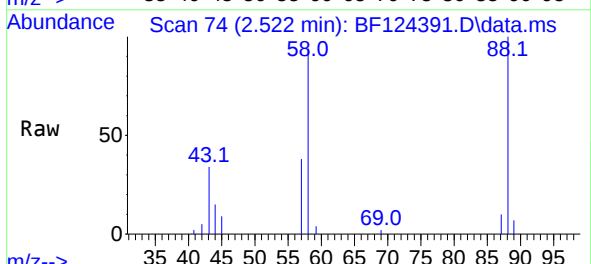
Manual Integrations  
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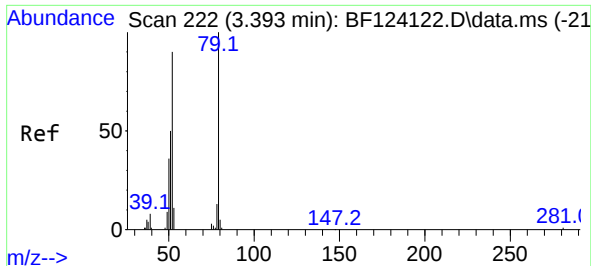
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6/23/2021 11:30:04 AM



#2  
1,4-Dioxane  
Concen: 36.534 ng  
RT: 2.522 min Scan# 74  
Delta R.T. 0.041 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

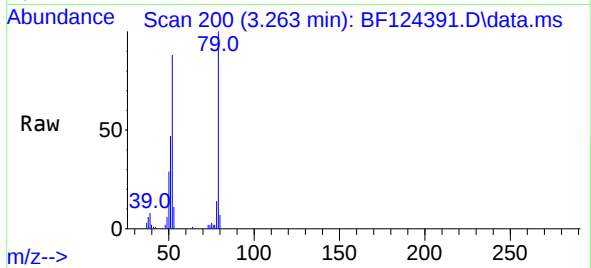
Tgt Ion: 88 Resp: 33397  
Ion Ratio Lower Upper  
88 100  
58 92.8 83.8 125.8  
43 30.7 32.2 48.4#





#3  
Pyridine  
Concen: 32.207 ng  
RT: 3.263 min Scan# 200  
Delta R.T. 0.035 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

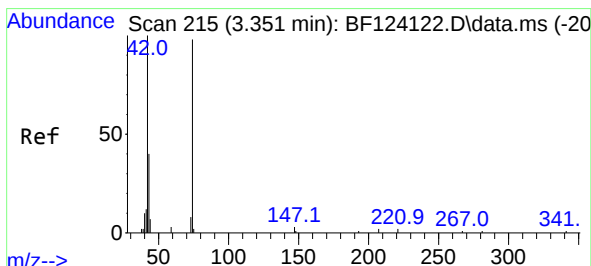
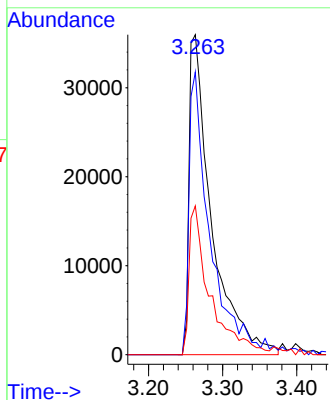
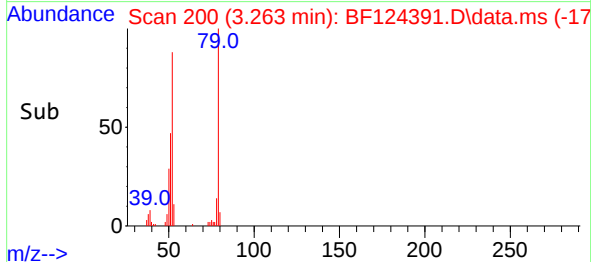
Instrument :  
BNA\_F  
ClientSampled :  
SB-8MSD



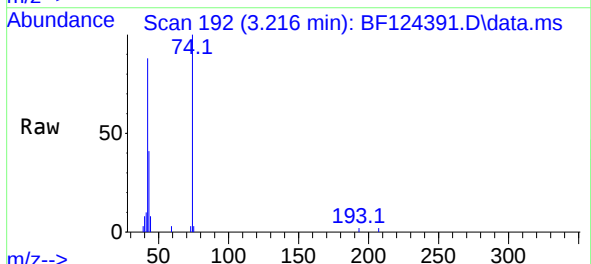
Tgt Ion: 79 Resp: 75401  
Ion Ratio Lower Upper  
79 100  
52 88.4 87.4 131.0  
51 46.5 41.4 62.0

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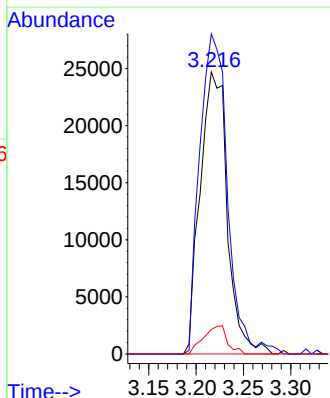
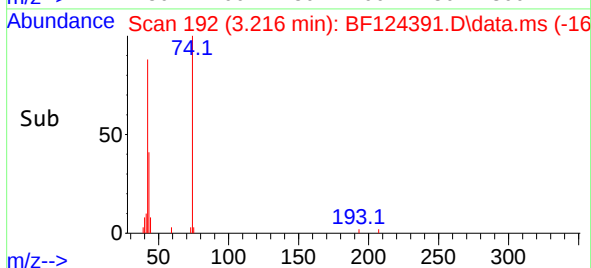
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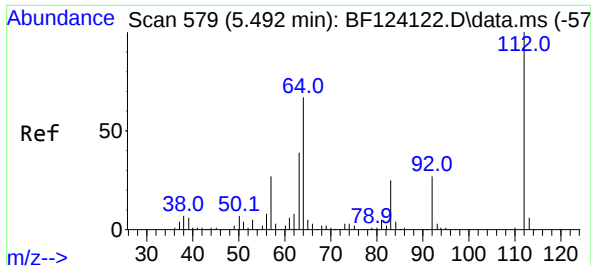


#4  
n-Nitrosodimethylamine  
Concen: 35.360 ng  
RT: 3.216 min Scan# 192  
Delta R.T. 0.035 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48



Tgt Ion: 42 Resp: 49190  
Ion Ratio Lower Upper  
42 100  
74 113.5 83.5 125.3  
44 8.7 5.7 8.5#





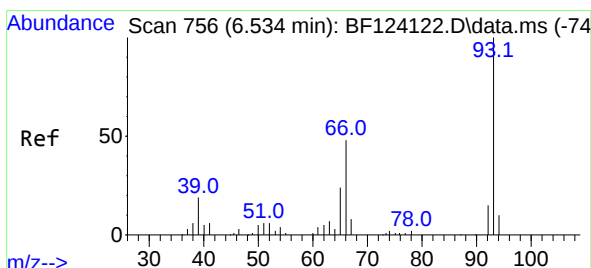
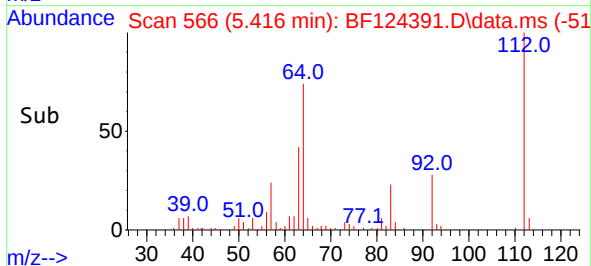
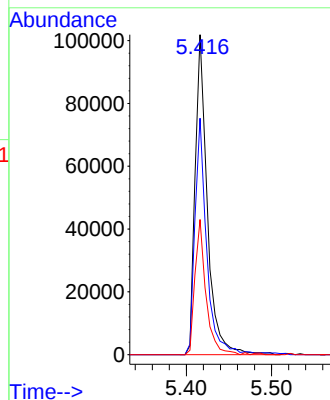
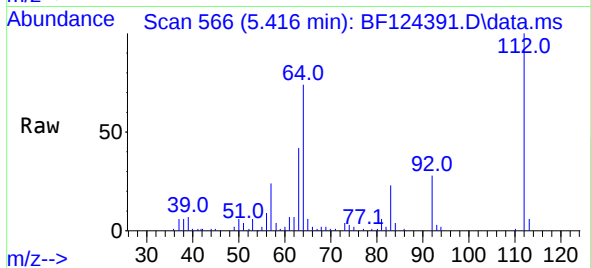
#5  
2-Fluorophenol  
Concen: 48.283 ng  
RT: 5.416 min Scan# 566  
Delta R.T. -0.000 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

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BNA\_F  
ClientSampled :  
SB-8MSD

Tgt Ion:112 Resp: 100854  
Ion Ratio Lower Upper  
112 100  
64 73.9 61.4 92.0  
63 42.3 33.0 49.4

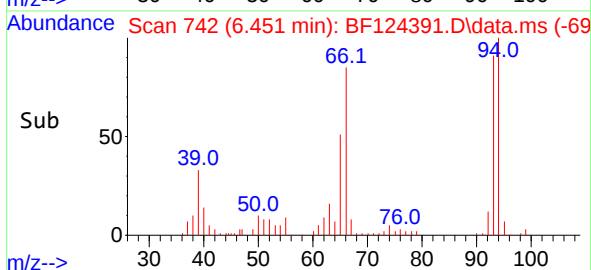
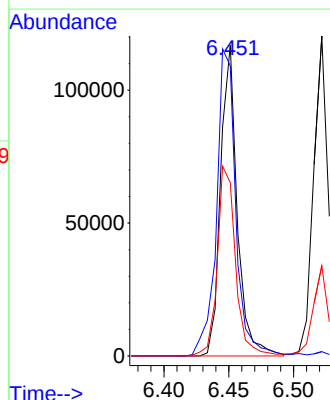
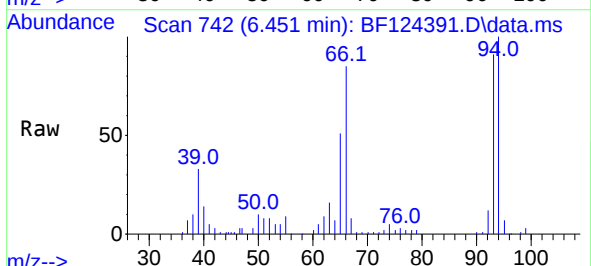
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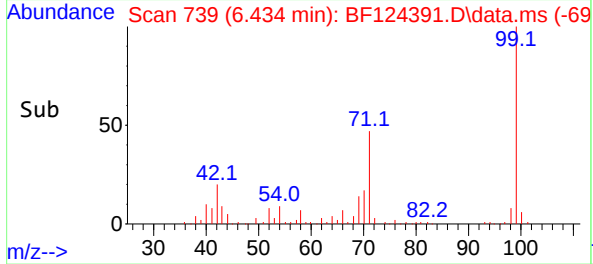
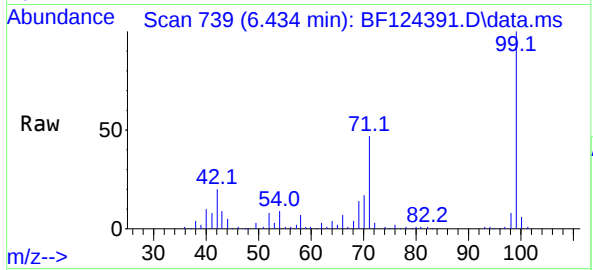
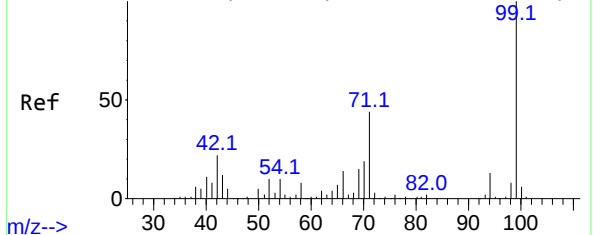


#6  
Aniline  
Concen: 32.557 ng m  
RT: 6.451 min Scan# 742  
Delta R.T. -0.035 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

Tgt Ion: 93 Resp: 104410  
Ion Ratio Lower Upper  
93 100  
66 93.3 36.4 54.6#  
65 55.8 19.4 29.0#



Abundance Scan 752 (6.510 min): BF124122.D\data.ms (-74



#7

Phenol-d6

Concen: 55.555 ng

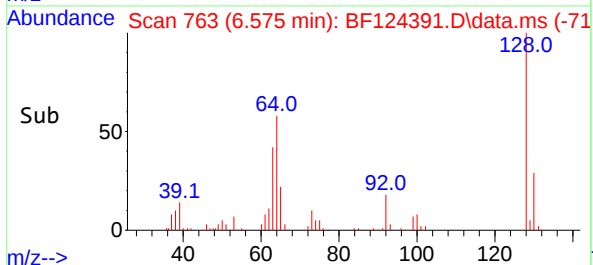
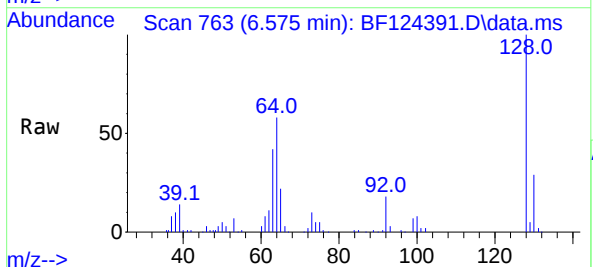
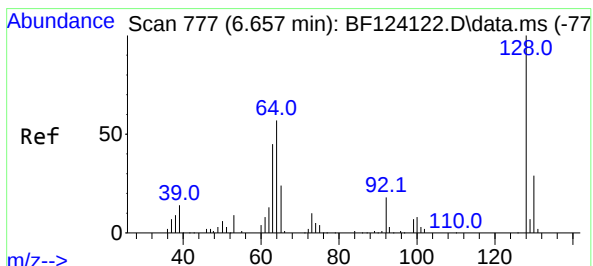
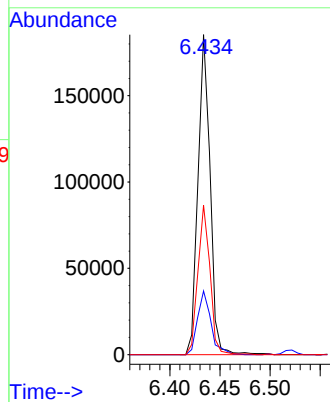
RT: 6.434 min Scan# 739

Delta R.T. -0.012 min

Lab File: BF124391.D

Acq: 21 Jun 2021 13:48

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 99    | Resp: | 155981 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 19.9  | 19.8  | 29.8   |
| 71       | 46.7  | 31.1  | 46.7#  |



#8

2-Chlorophenol

Concen: 42.797 ng

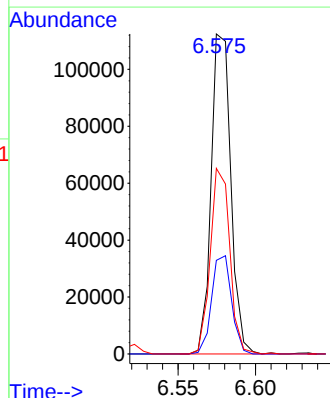
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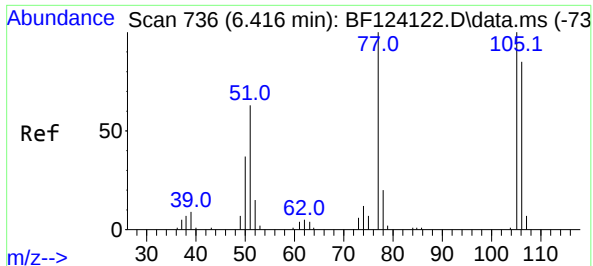
Delta R.T. -0.012 min

Lab File: BF124391.D

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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 99472 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 130      | 29.3  | 12.6  | 52.6  |
| 64       | 58.0  | 41.5  | 81.5  |





#9  
Benzaldehyde  
Concen: 55.468 ng  
RT: 6.339 min Scan# 723  
Delta R.T. -0.000 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

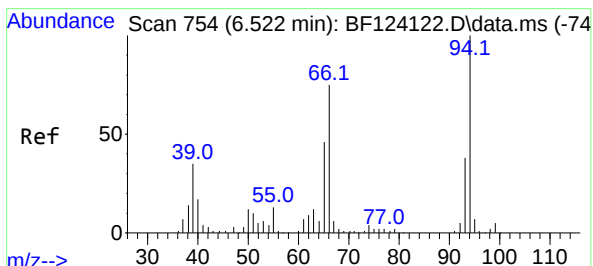
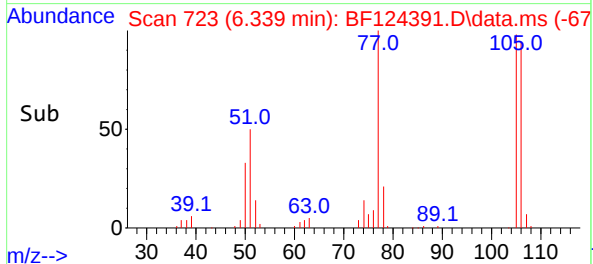
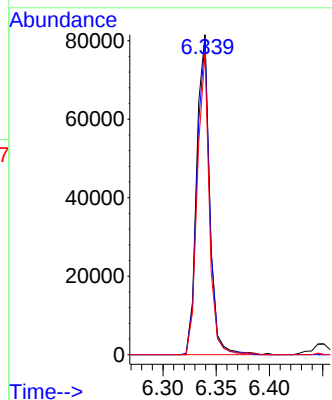
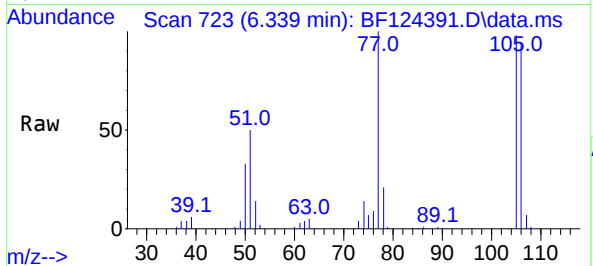
Instrument :  
BNA\_F  
ClientSampled :  
SB-8MSD

Tgt Ion: 77 Resp: 69225

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 105 | 98.2  | 75.2  | 115.2 |
| 106 | 94.1  | 71.6  | 111.6 |

Manual Integrations  
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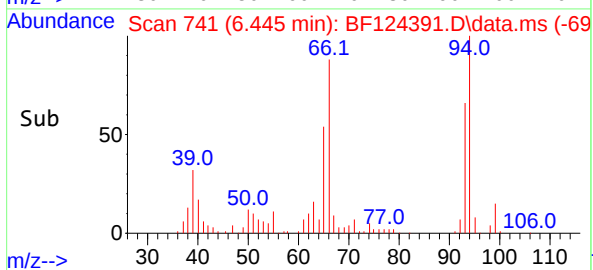
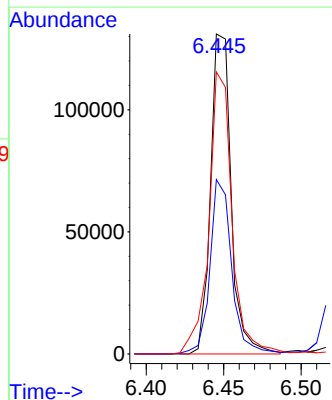
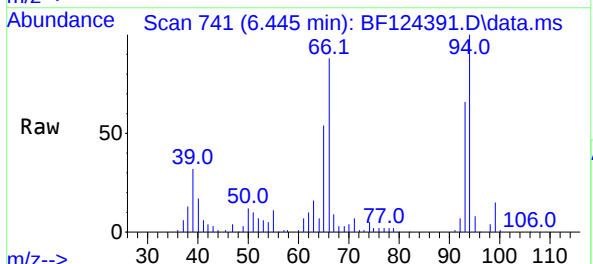
mohammad  
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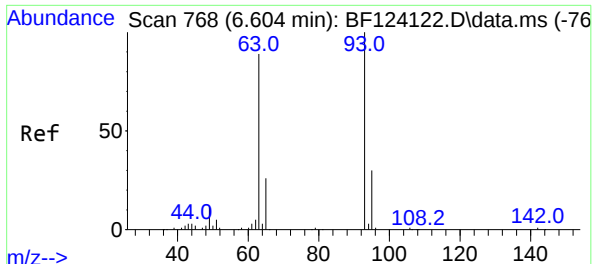


#10  
Phenol  
Concen: 39.936 ng  
RT: 6.445 min Scan# 741  
Delta R.T. -0.012 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

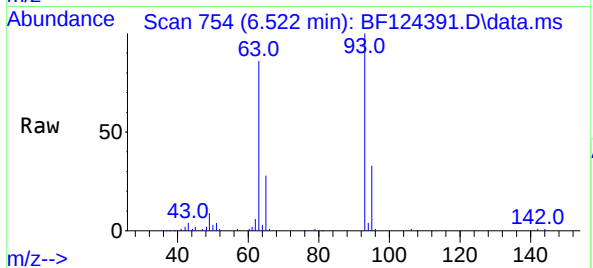
Tgt Ion: 94 Resp: 121180

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 54.5  | 18.1  | 58.1  |
| 66  | 88.2  | 29.0  | 69.0  |

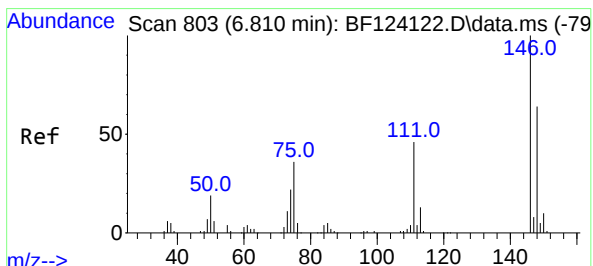
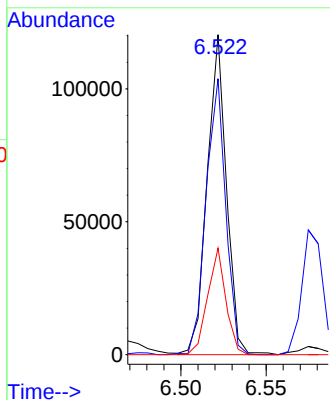
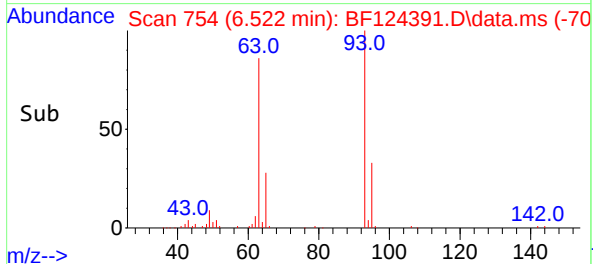




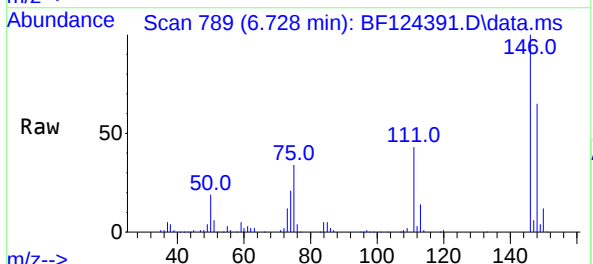
#11  
bis(2-Chloroethyl)ether  
Concen: 42.866 ng  
RT: 6.522 min Scan# 754  
Delta R.T. -0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48



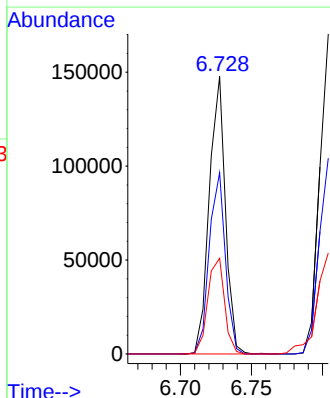
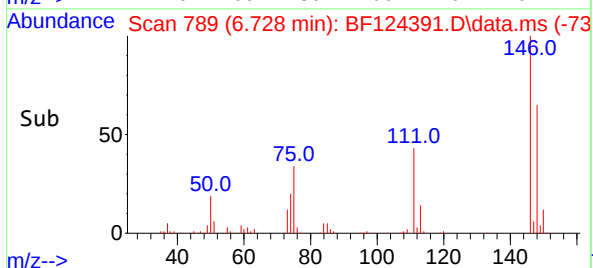
Tgt Ion: 93 Resp: 94820  
Ion Ratio Lower Upper  
93 100  
63 86.3 76.1 116.1  
95 33.3 11.5 51.5



#12  
1,3-Dichlorobenzene  
Concen: 42.830 ng  
RT: 6.728 min Scan# 789  
Delta R.T. -0.000 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48



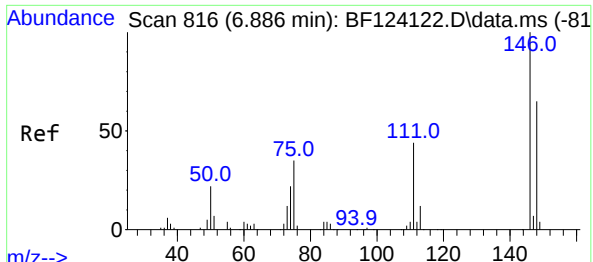
Tgt Ion: 146 Resp: 116376  
Ion Ratio Lower Upper  
146 100  
148 65.3 50.9 76.3  
75 34.5 34.2 51.4



Instrument :  
BNA\_F  
ClientSampleID :  
SB-8MSD

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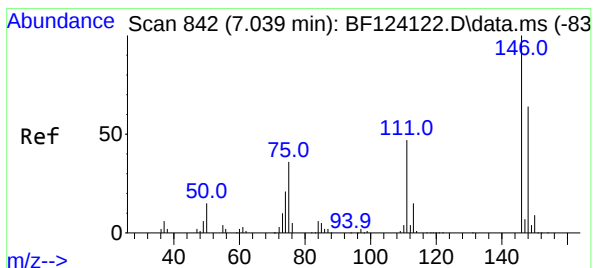
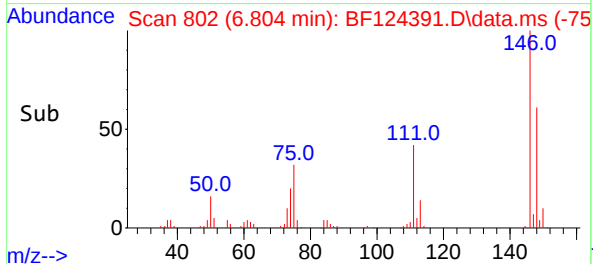
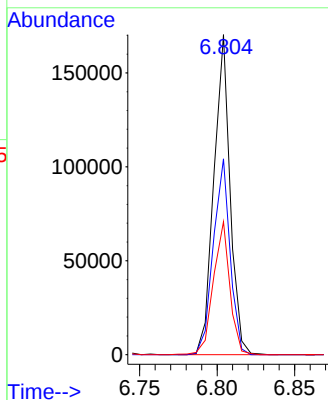
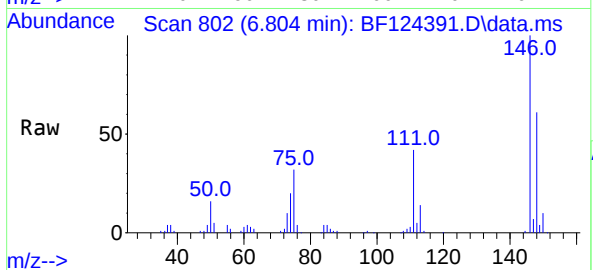
#13  
1,4-Dichlorobenzene  
Concen: 45.596 ng  
RT: 6.804 min Scan# 802  
Delta R.T. -0.000 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

Tgt Ion:146 Resp: 124272  
Ion Ratio Lower Upper  
146 100  
148 61.2 49.9 74.9  
111 41.5 39.5 59.3

Instrument :  
BNA\_F  
ClientSampled :  
SB-8MSD

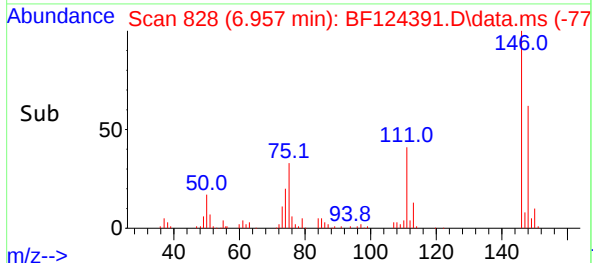
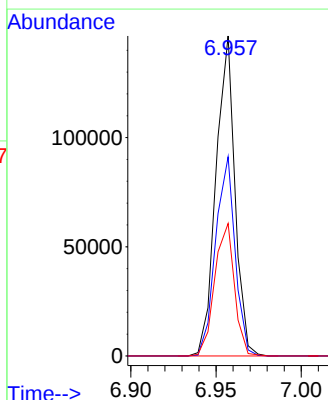
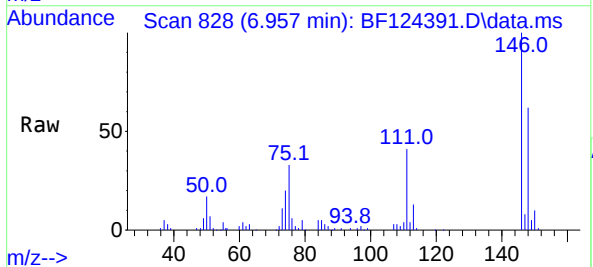
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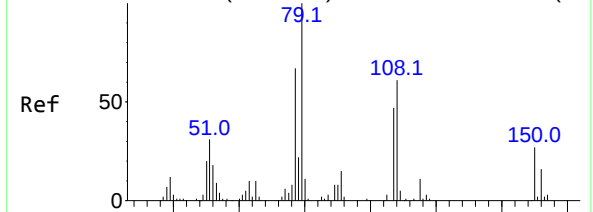


#14  
1,2-Dichlorobenzene  
Concen: 43.530 ng  
RT: 6.957 min Scan# 828  
Delta R.T. -0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

Tgt Ion:146 Resp: 113495  
Ion Ratio Lower Upper  
146 100  
148 62.2 51.6 77.4  
111 41.4 38.4 57.6

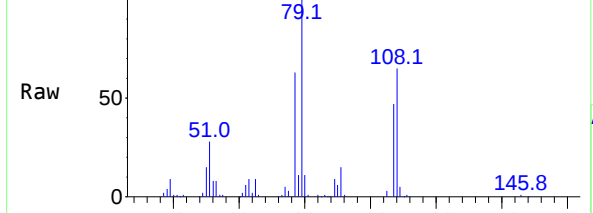


Abundance Scan 837 (7.010 min): BF124122.D\data.ms (-83



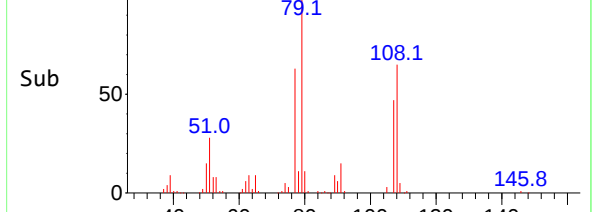
m/z-->

Abundance Scan 825 (6.939 min): BF124391.D\data.ms



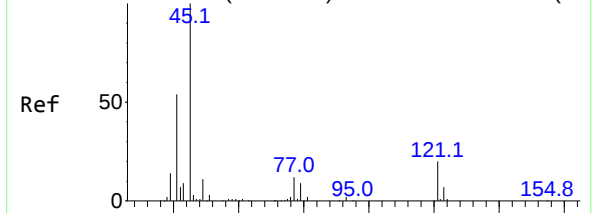
m/z-->

Abundance Scan 825 (6.939 min): BF124391.D\data.ms (-77



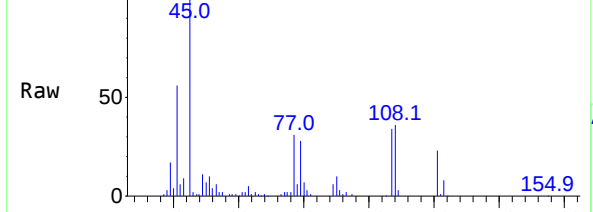
m/z-->

Abundance Scan 860 (7.145 min): BF124122.D\data.ms (-85



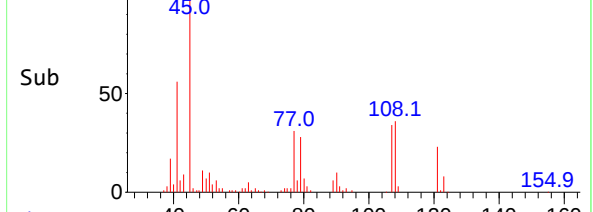
m/z-->

Abundance Scan 846 (7.063 min): BF124391.D\data.ms



m/z-->

Abundance Scan 846 (7.063 min): BF124391.D\data.ms (-79



m/z-->

#15

Benzyl Alcohol

Concen: 54.524 ng

RT: 6.939 min Scan# 825

Delta R.T. -0.000 min

Lab File: BF124391.D

Acq: 21 Jun 2021 13:48

Tgt Ion: 79 Resp: 138006

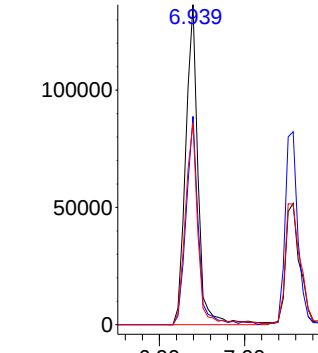
Ion Ratio Lower Upper

79 100

108 65.1 55.8 83.8

77 63.1 49.9 74.9

Abundance



Time-->

#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.566 ng

RT: 7.063 min Scan# 846

Delta R.T. -0.000 min

Lab File: BF124391.D

Acq: 21 Jun 2021 13:48

Tgt Ion: 45 Resp: 126183

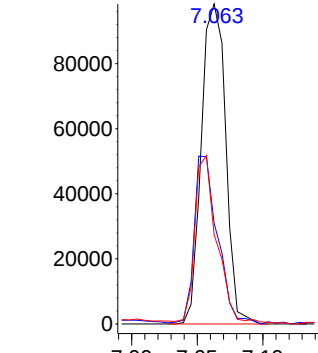
Ion Ratio Lower Upper

45 100

77 31.4 0.0 30.0#

79 27.9 0.0 27.3#

Abundance



Time-->

Instrument :

BNA\_F

ClientSampleId :

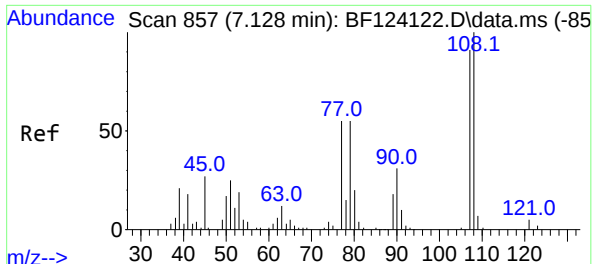
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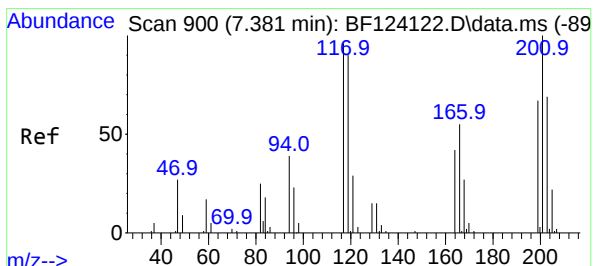
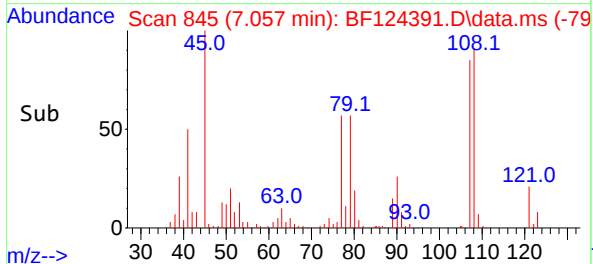
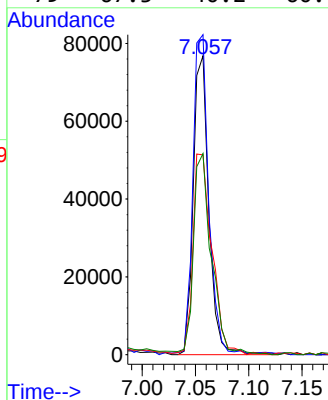
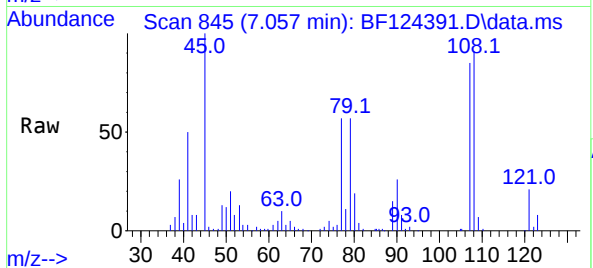
#17  
2-Methylphenol  
Concen: 41.582 ng  
RT: 7.057 min Scan# 845  
Delta R.T. -0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

Instrument :  
BNA\_F  
ClientSampleId :  
SB-8MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 78566 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 107.0 | 89.8  | 134.8 |
| 77       | 66.9  | 40.9  | 61.3# |
| 79       | 67.3  | 40.2  | 60.4# |

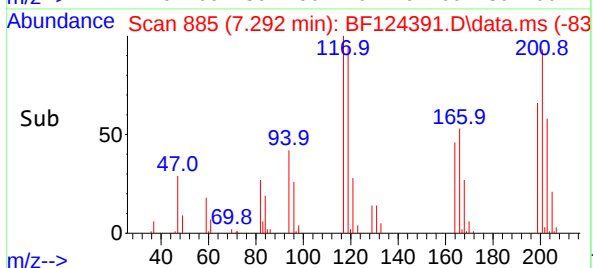
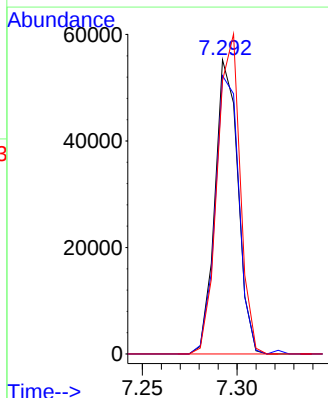
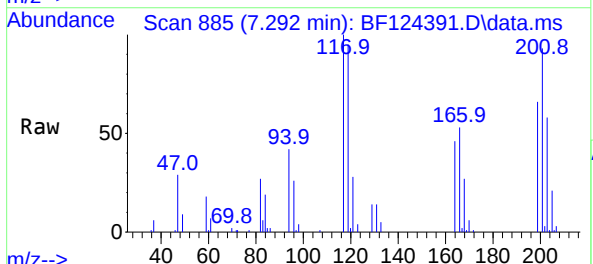
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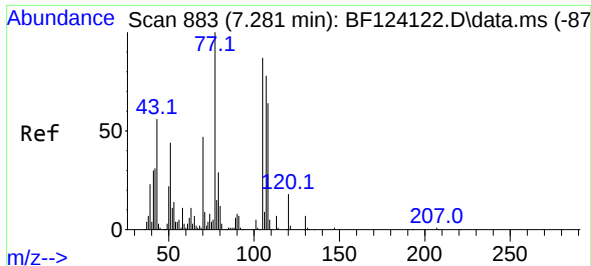
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#18  
Hexachloroethane  
Concen: 43.491 ng  
RT: 7.292 min Scan# 885  
Delta R.T. -0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 46679 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 94.6  | 77.8  | 116.8 |
| 201      | 92.9  | 67.8  | 101.8 |





#19

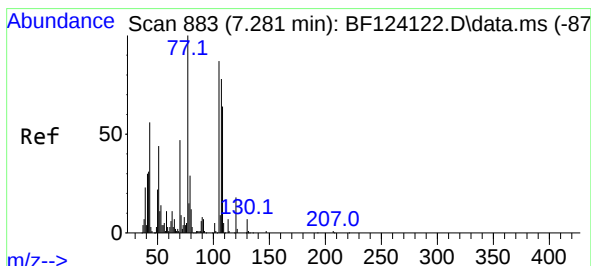
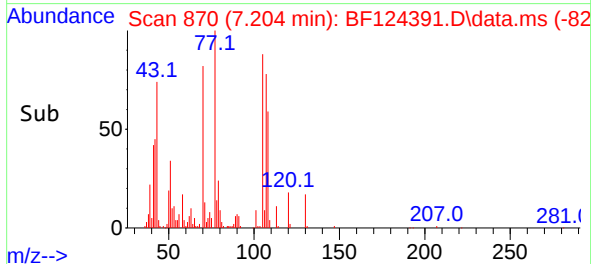
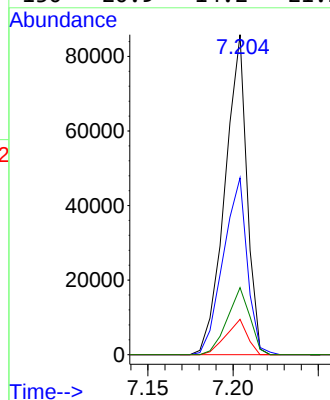
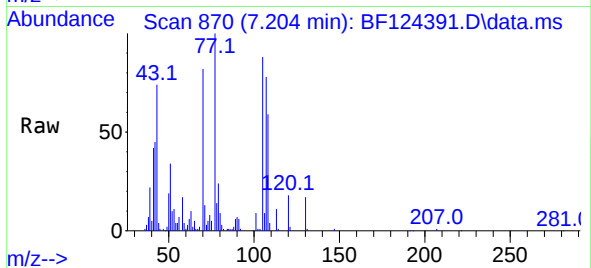
n-Nitroso-di-n-propylamine  
Concen: 38.766 ng  
RT: 7.204 min Scan# 870  
Delta R.T. -0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 76834 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 55.2  | 60.1  | 90.1# |
| 101      | 11.1  | 7.4   | 11.2  |
| 130      | 20.9  | 14.2  | 21.2  |

Instrument :  
BNA\_F  
ClientSampleId :  
SB-8MSD

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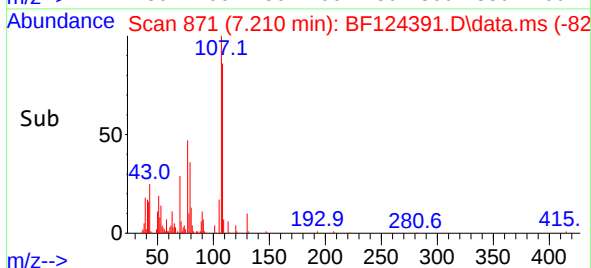
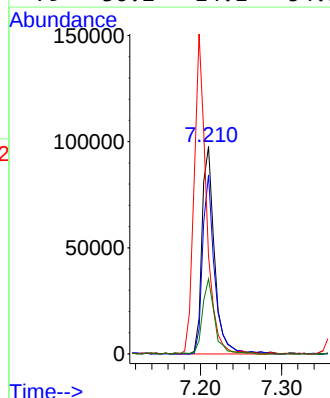
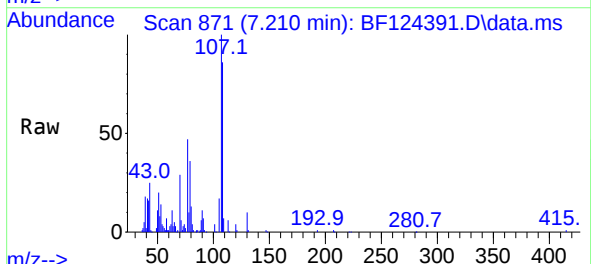
mohammad  
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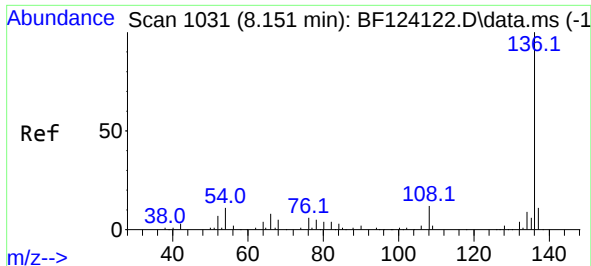


#20

3+4-Methylphenols  
Concen: 41.865 ng  
RT: 7.210 min Scan# 871  
Delta R.T. -0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

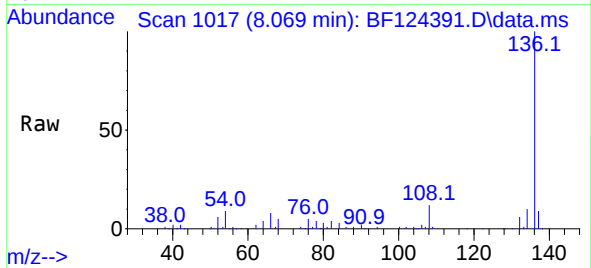
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 104810 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 86.3  | 71.5  | 111.5  |
| 77       | 47.2  | 82.0  | 122.0# |
| 79       | 36.2  | 14.1  | 54.1   |





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.069 min Scan# 1017  
Delta R.T. -0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

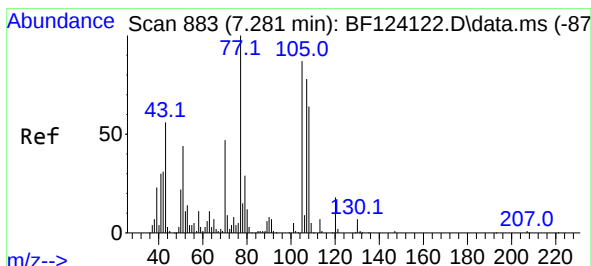
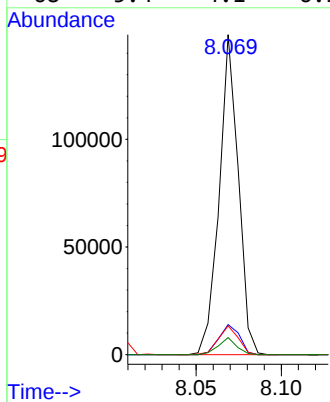
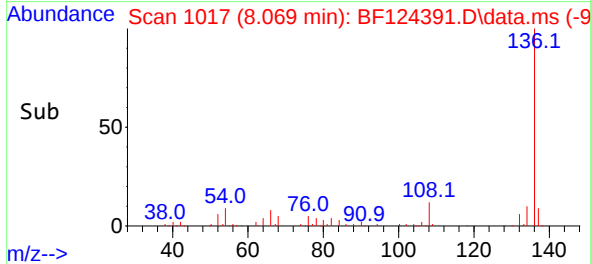
Instrument :  
BNA\_F  
ClientSampled :  
SB-8MSD



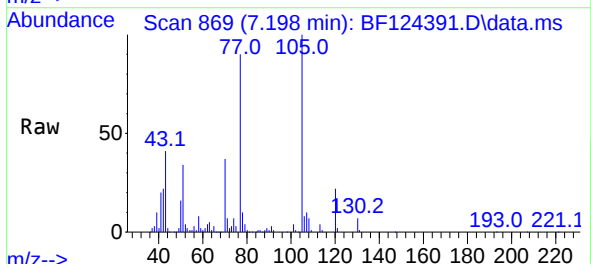
Tgt Ion:136 Resp: 115961  
Ion Ratio Lower Upper  
136 100  
137 9.4 8.7 13.1  
54 9.0 9.8 14.6#  
68 5.4 4.1 6.1

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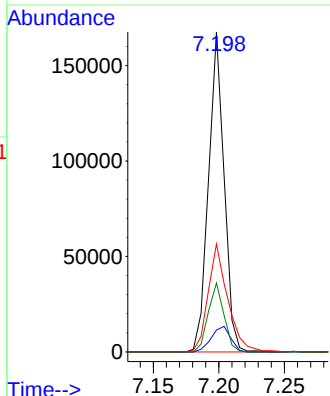
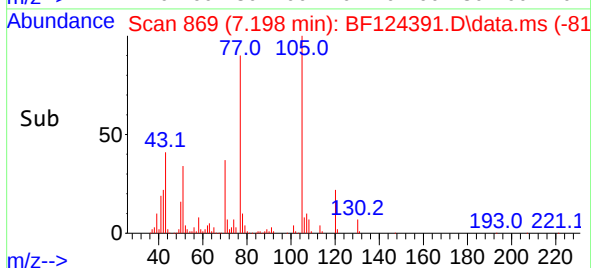
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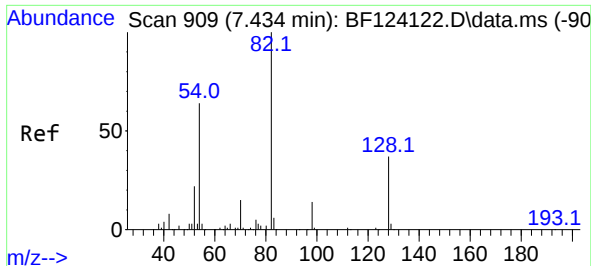


#22  
Acetophenone  
Concen: 42.121 ng  
RT: 7.198 min Scan# 869  
Delta R.T. -0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48



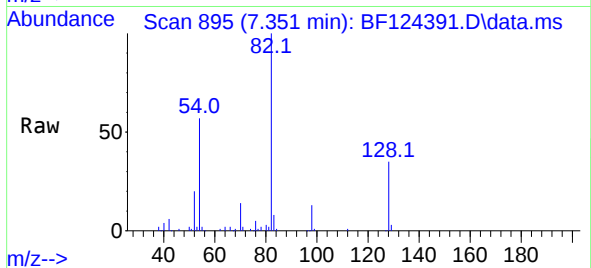
Tgt Ion:105 Resp: 139241  
Ion Ratio Lower Upper  
105 100  
71 6.8 4.2 6.4#  
51 33.8 33.6 50.4  
120 21.5 16.3 24.5





#23  
Nitrobenzene-d5  
Concen: 46.277 ng  
RT: 7.351 min Scan# 895  
Delta R.T. -0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

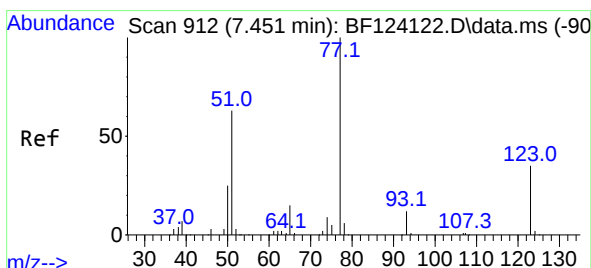
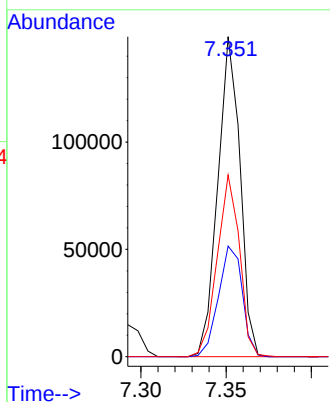
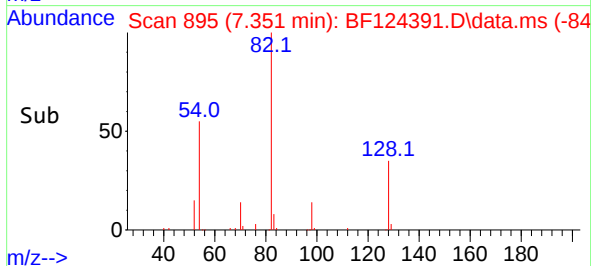
Instrument :  
BNA\_F  
ClientSampled :  
SB-8MSD



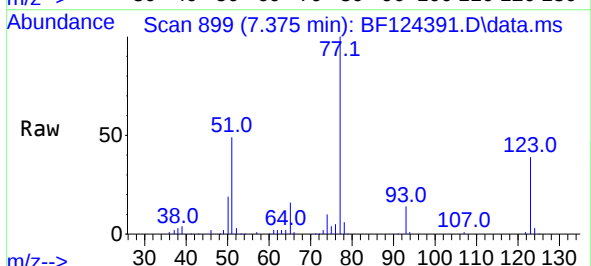
Tgt Ion: 82 Resp: 135304  
Ion Ratio Lower Upper  
82 100  
128 34.6 29.4 44.2  
54 56.7 54.1 81.1

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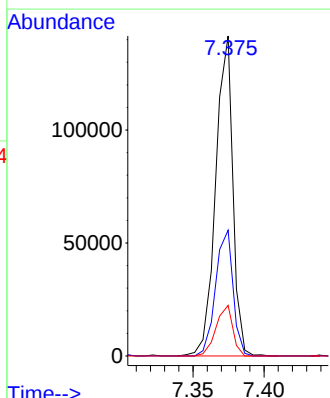
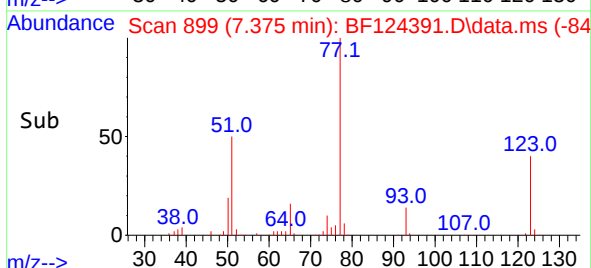
mohammad  
6/23/2021 11:30:04 AM

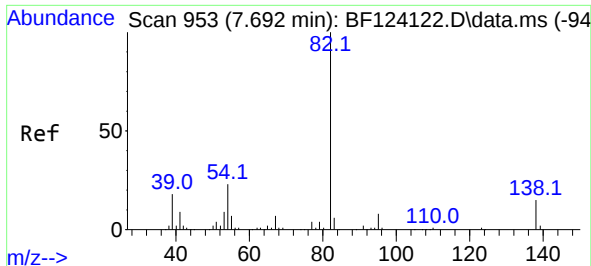


#24  
Nitrobenzene  
Concen: 40.470 ng  
RT: 7.375 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48



Tgt Ion: 77 Resp: 118702  
Ion Ratio Lower Upper  
77 100  
123 39.3 34.5 51.7  
65 15.8 12.2 18.2





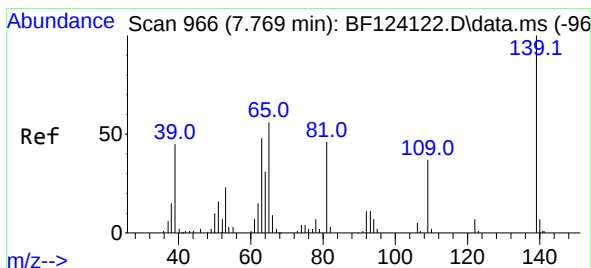
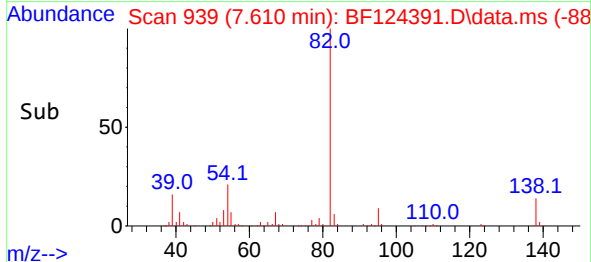
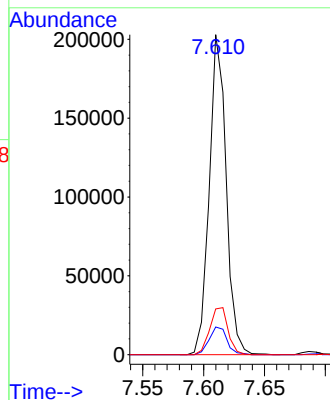
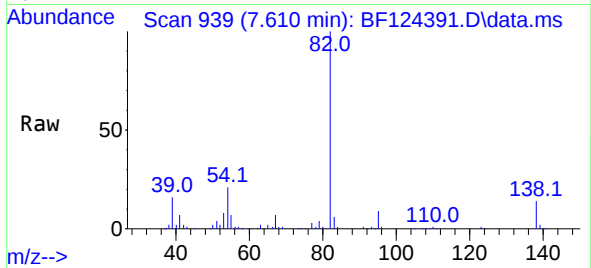
#25  
Isophorone  
Concen: 37.059 ng  
RT: 7.610 min Scan# 939  
Delta R.T. -0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

Tgt Ion: 82 Resp: 195255  
Ion Ratio Lower Upper  
82 100  
95 8.6 5.8 8.6  
138 14.3 11.8 17.8

Instrument :  
BNA\_F  
ClientSampleId :  
SB-8MSD

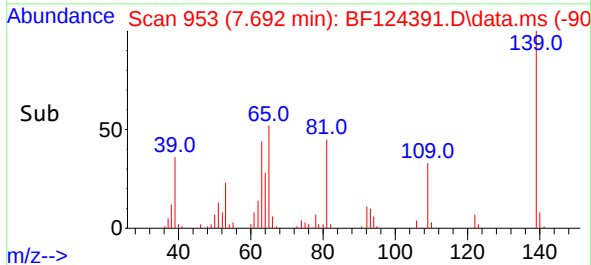
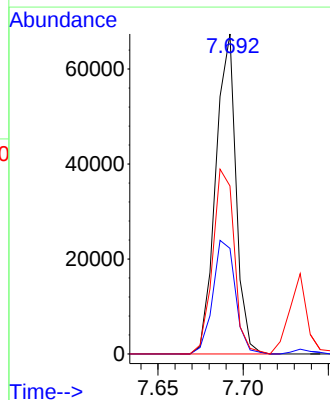
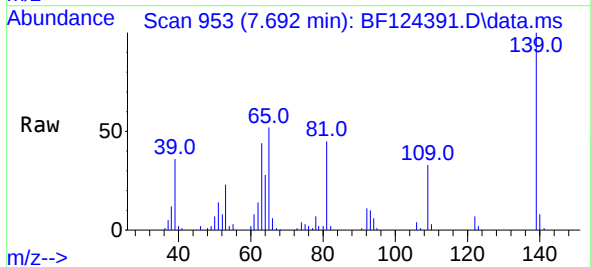
Manual Integrations  
APPROVED

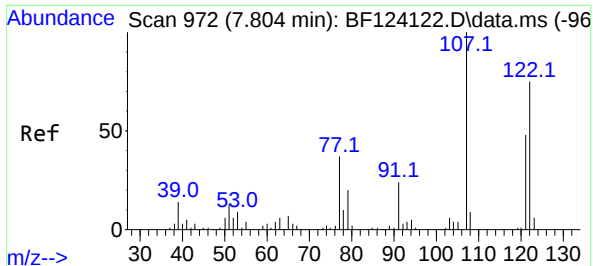
mohammad  
6/23/2021 11:30:04 AM



#26  
2-Nitrophenol  
Concen: 42.713 ng  
RT: 7.692 min Scan# 953  
Delta R.T. -0.000 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

Tgt Ion:139 Resp: 55963  
Ion Ratio Lower Upper  
139 100  
109 33.0 28.6 43.0  
65 52.5 56.8 85.2#





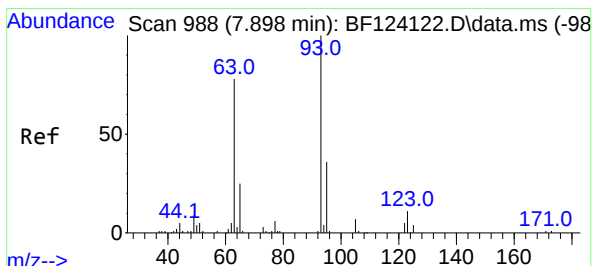
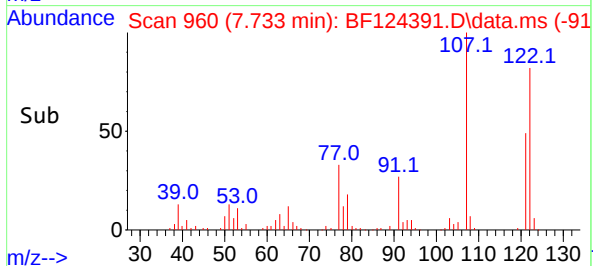
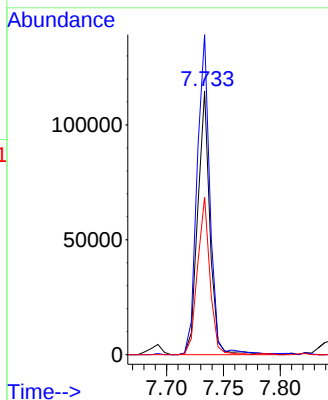
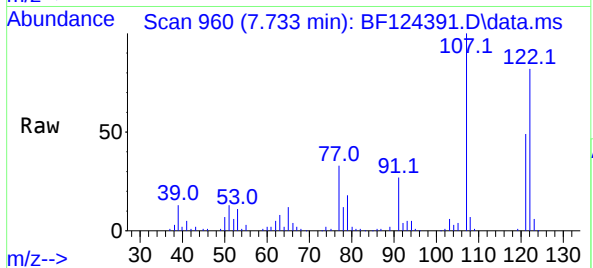
#27  
2,4-Dimethylphenol  
Concen: 46.527 ng  
RT: 7.733 min Scan# 960  
Delta R.T. -0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

Tgt Ion: 122 Resp: 85961  
Ion Ratio Lower Upper  
122 100  
107 121.5 106.3 159.5  
121 59.8 45.4 68.0

Instrument :  
BNA\_F  
ClientSampled :  
SB-8MSD

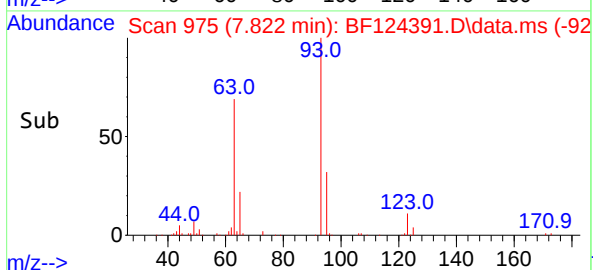
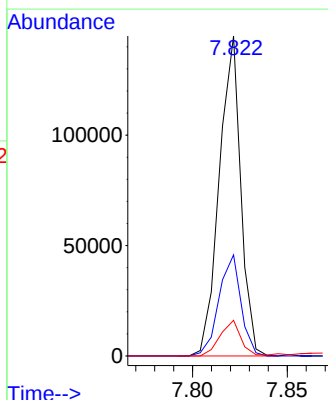
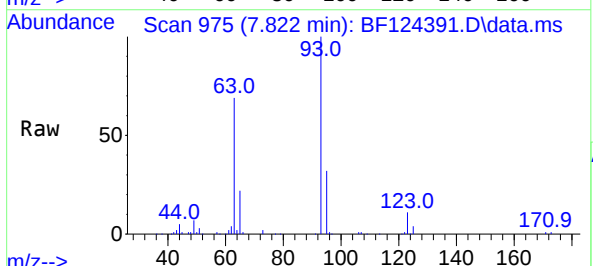
Manual Integrations  
APPROVED

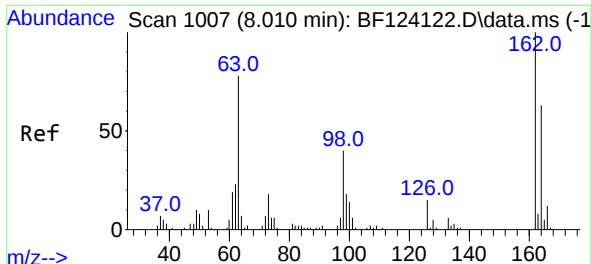
mohammad  
6/23/2021 11:30:04 AM



#28  
bis(2-Chloroethoxy)methane  
Concen: 43.831 ng  
RT: 7.822 min Scan# 975  
Delta R.T. -0.000 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

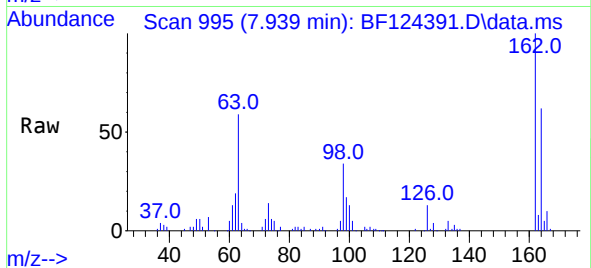
Tgt Ion: 93 Resp: 114488  
Ion Ratio Lower Upper  
93 100  
95 31.6 26.5 39.7  
123 11.2 8.4 12.6





#29  
2,4-Dichlorophenol  
Concen: 42.066 ng  
RT: 7.939 min Scan# 995  
Delta R.T. -0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

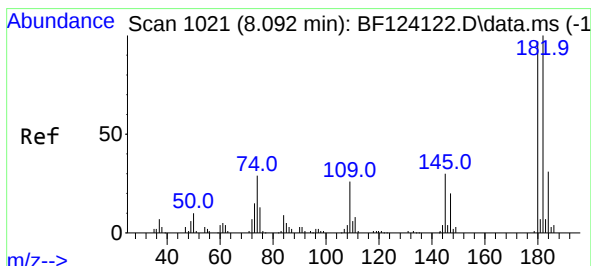
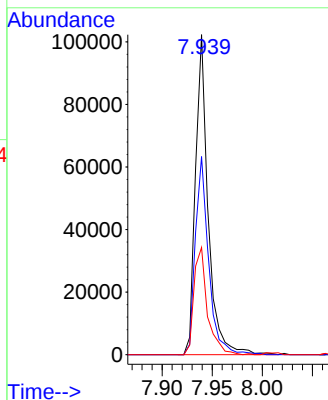
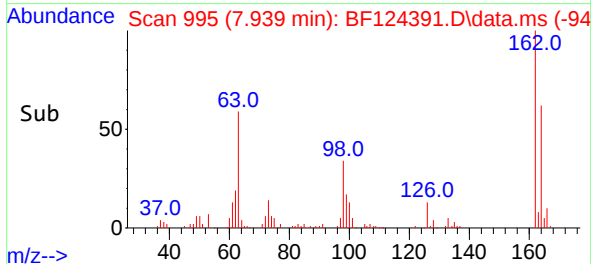
Instrument :  
BNA\_F  
ClientSampled :  
SB-8MSD



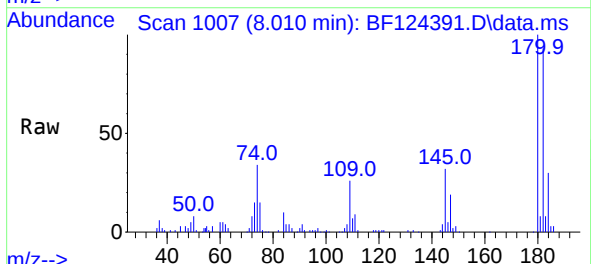
Tgt Ion:162 Resp: 89931  
Ion Ratio Lower Upper  
162 100  
164 61.9 44.1 84.1  
98 33.5 27.3 67.3

Manual Integrations  
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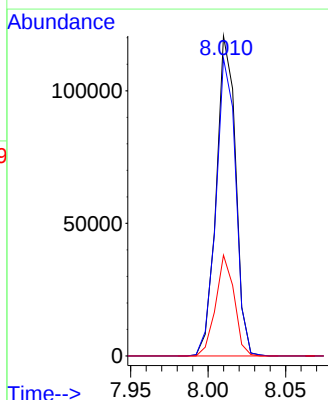
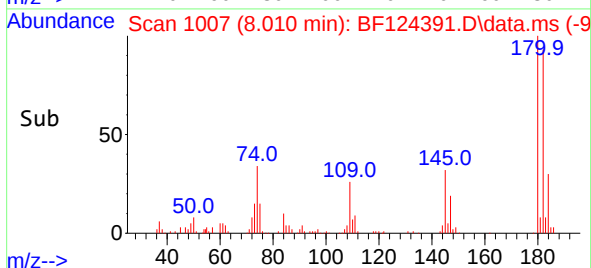
mohammad  
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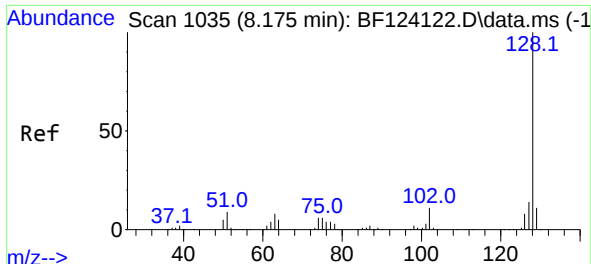


#30  
1,2,4-Trichlorobenzene  
Concen: 43.692 ng  
RT: 8.010 min Scan# 1007  
Delta R.T. -0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48



Tgt Ion:180 Resp: 104679  
Ion Ratio Lower Upper  
180 100  
182 93.0 77.2 115.8  
145 31.5 26.0 39.0





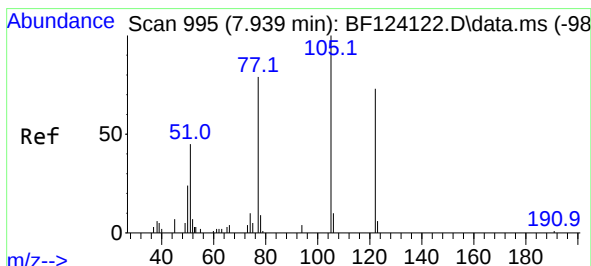
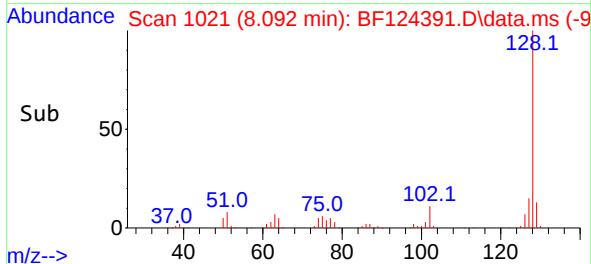
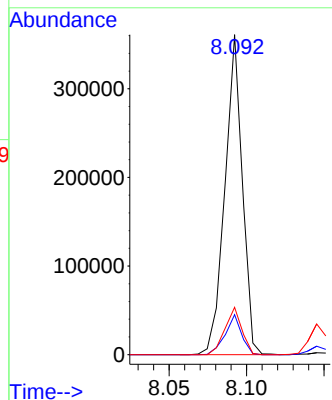
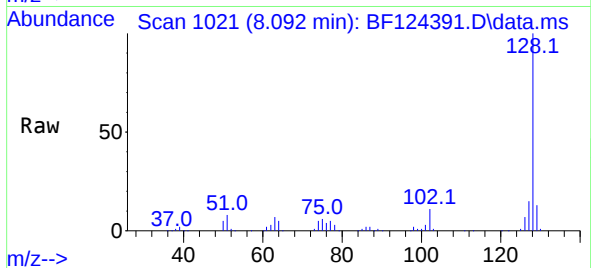
#31  
Naphthalene  
Concen: 40.815 ng  
RT: 8.092 min Scan# 1021  
Delta R.T. -0.000 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

Tgt Ion:128 Resp: 282966  
Ion Ratio Lower Upper  
128 100  
129 12.5 8.9 13.3  
127 14.8 10.8 16.2

Instrument :  
BNA\_F  
ClientSampled :  
SB-8MSD

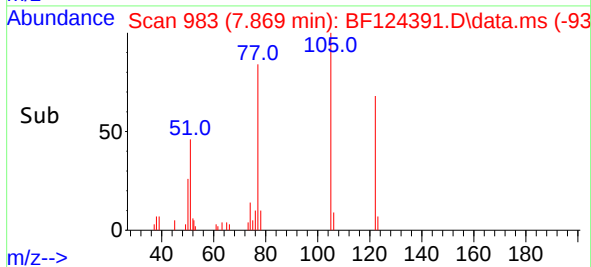
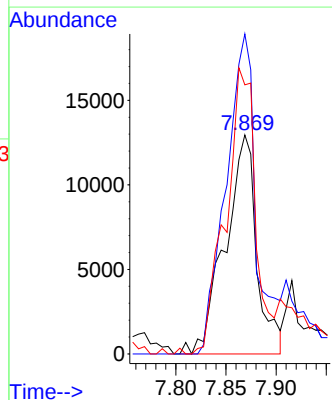
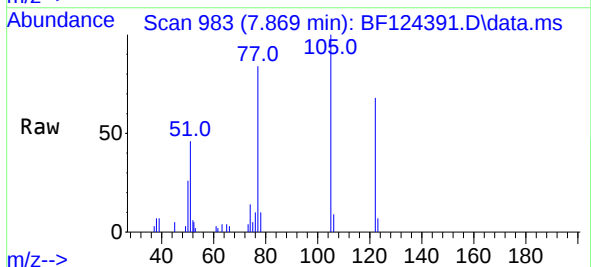
Manual Integrations  
APPROVED

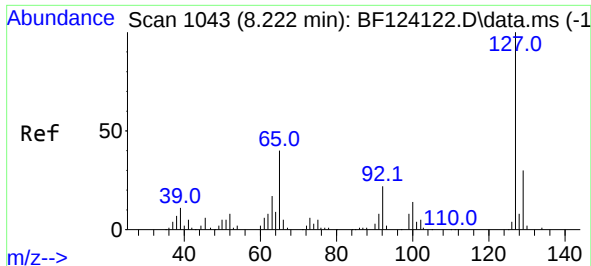
mohammad  
6/23/2021 11:30:04 AM



#32  
Benzoic acid  
Concen: 25.016 ng  
RT: 7.869 min Scan# 983  
Delta R.T. -0.012 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

Tgt Ion:122 Resp: 28361  
Ion Ratio Lower Upper  
122 100  
105 146.1 107.8 147.8  
77 122.9 81.6 121.6#





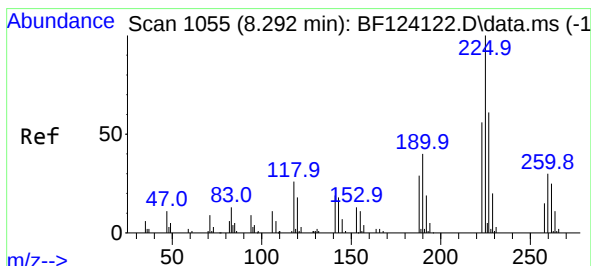
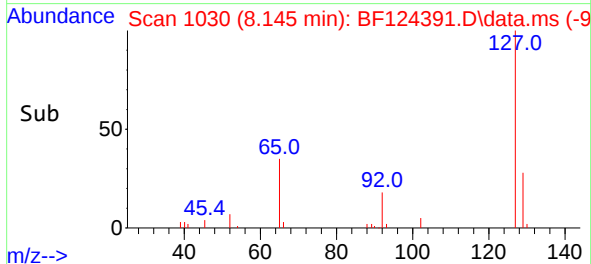
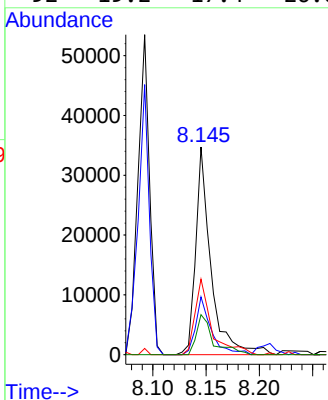
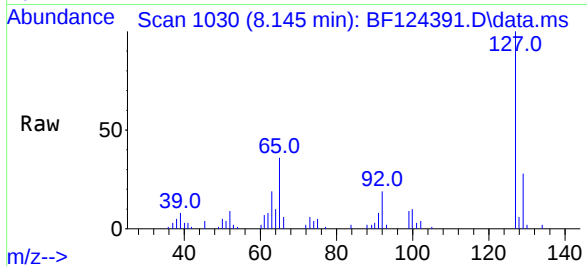
#33  
4-Chloroaniline  
Concen: 13.511 ng  
RT: 8.145 min Scan# 1030  
Delta R.T. -0.088 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

Instrument :  
BNA\_F  
ClientSampled :  
SB-8MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 34840 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 27.8  | 25.7  | 38.5  |
| 65        | 36.4  | 34.5  | 51.7  |
| 92        | 19.2  | 17.4  | 26.0  |

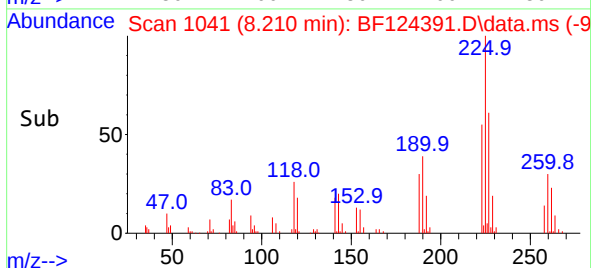
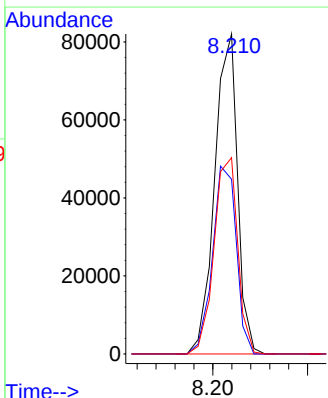
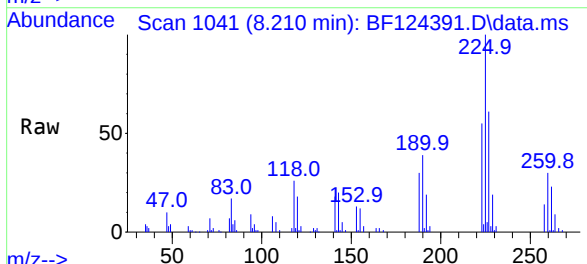
Manual Integrations  
APPROVED

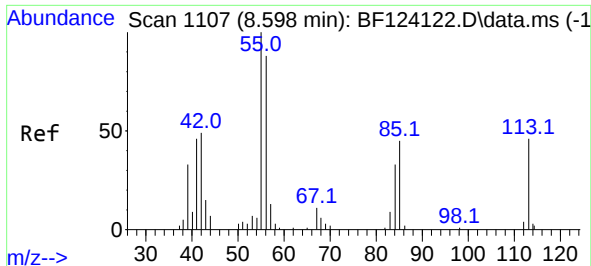
mohammad  
6/23/2021 11:30:04 AM



#34  
Hexachlorobutadiene  
Concen: 40.559 ng  
RT: 8.210 min Scan# 1041  
Delta R.T. -0.000 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 68638 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 54.6  | 50.4  | 75.6  |
| 227       | 61.3  | 51.4  | 77.0  |





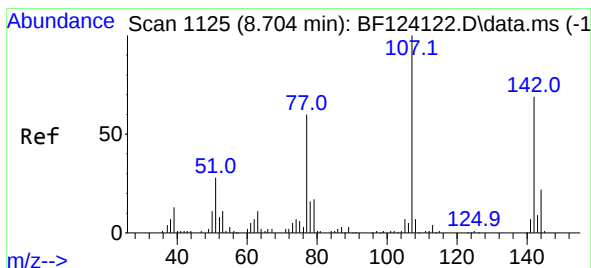
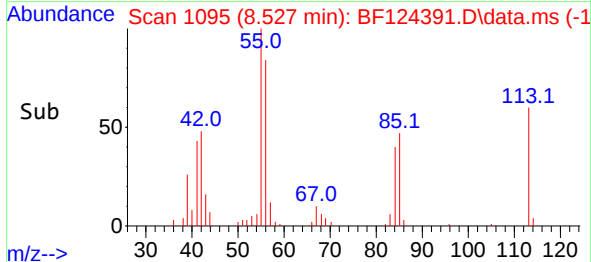
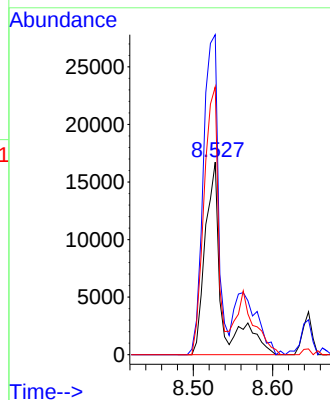
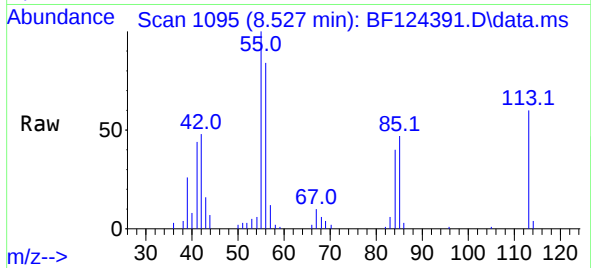
#35  
Caprolactam  
Concen: 41.865 ng m  
RT: 8.527 min Scan# 1095  
Delta R.T. -0.012 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

Tgt Ion:113 Resp: 24588  
Ion Ratio Lower Upper  
113 100  
55 166.1 254.9 294.9#  
56 139.1 179.4 219.4#

Instrument :  
BNA\_F  
ClientSampled :  
SB-8MSD

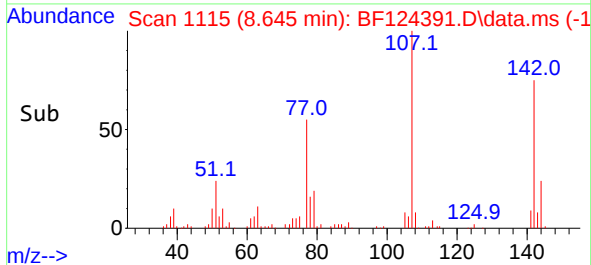
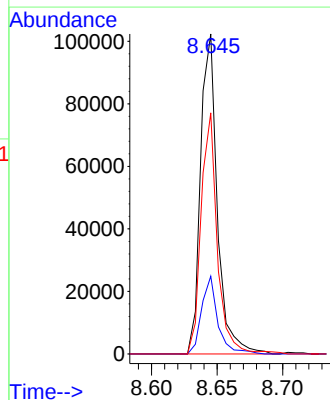
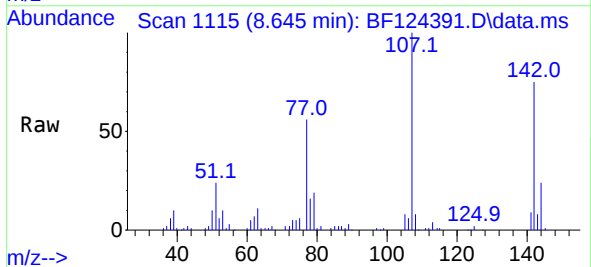
Manual Integrations  
APPROVED

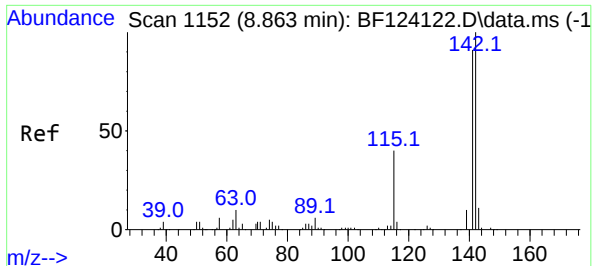
mohammad  
6/23/2021 11:30:04 AM



#36  
4-Chloro-3-methylphenol  
Concen: 39.055 ng  
RT: 8.645 min Scan# 1115  
Delta R.T. -0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

Tgt Ion:107 Resp: 91348  
Ion Ratio Lower Upper  
107 100  
144 24.3 16.3 24.5  
142 75.4 50.1 75.1#





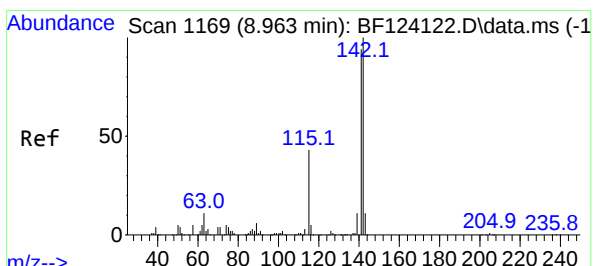
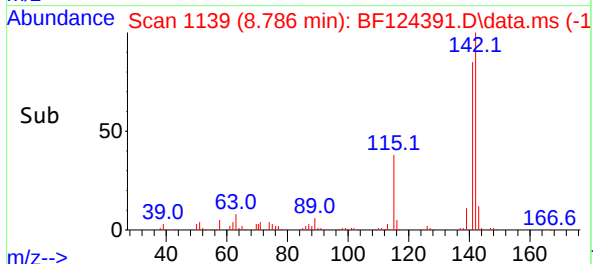
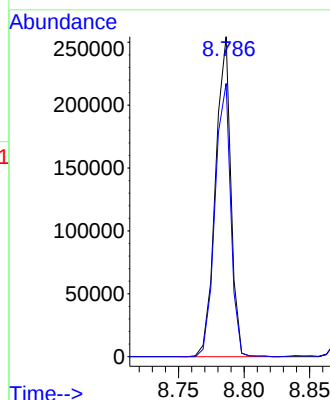
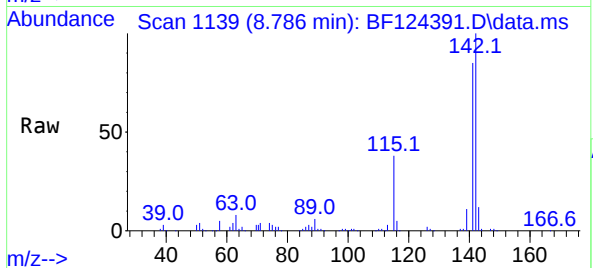
#37  
2-Methylnaphthalene  
Concen: 42.292 ng  
RT: 8.786 min Scan# 1139  
Delta R.T. -0.000 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

Instrument :  
BNA\_F  
ClientSampleID :  
SB-8MSD

Tgt Ion:142 Resp: 205618  
Ion Ratio Lower Upper  
142 100  
141 85.4 71.8 107.6

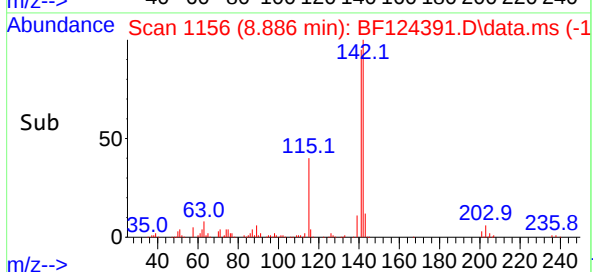
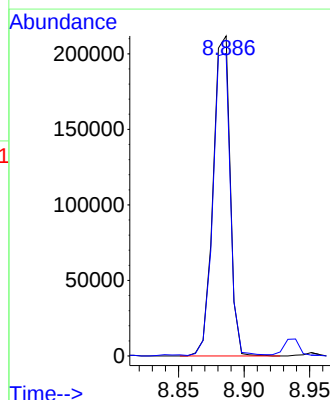
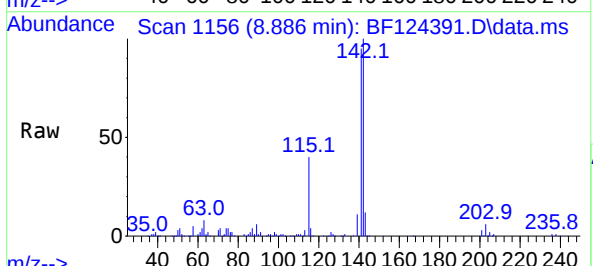
Manual Integrations  
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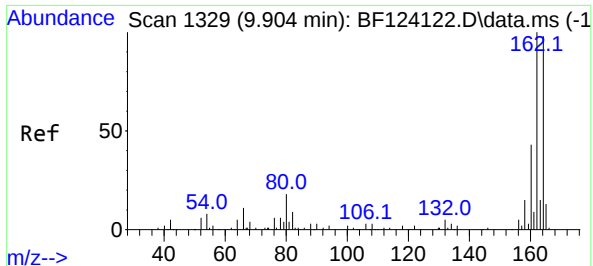
mohammad  
6/23/2021 11:30:04 AM



#38  
1-Methylnaphthalene  
Concen: 41.969 ng  
RT: 8.886 min Scan# 1156  
Delta R.T. -0.000 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

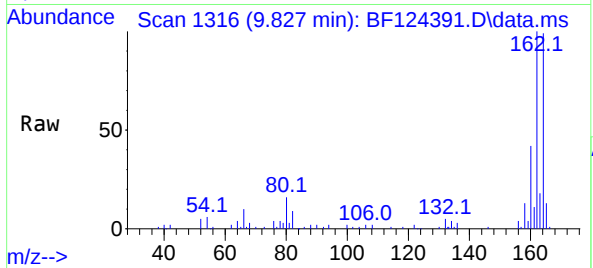
Tgt Ion:142 Resp: 190680  
Ion Ratio Lower Upper  
142 100  
141 94.5 72.8 109.2





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.827 min Scan# 1316  
Delta R.T. -0.000 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

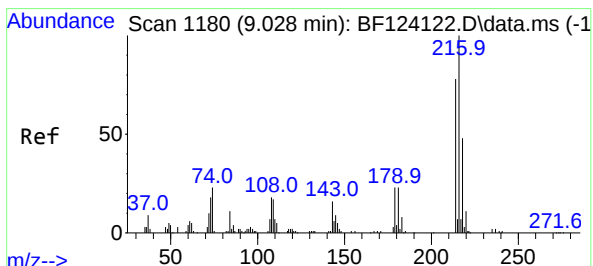
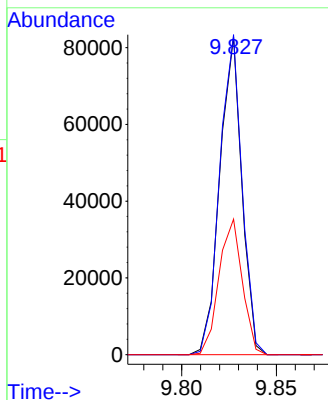
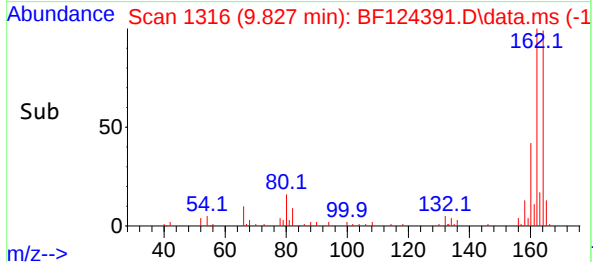
Instrument :  
BNA\_F  
ClientSampleId :  
SB-8MSD



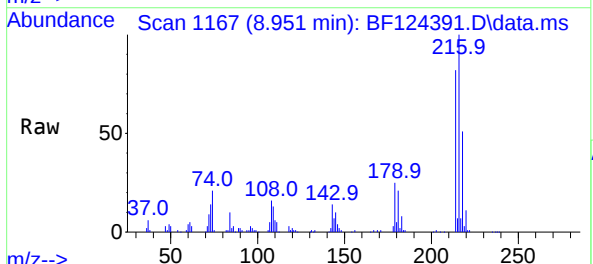
Tgt Ion:164 Resp: 67048  
Ion Ratio Lower Upper  
164 100  
162 100.7 80.7 121.1  
160 42.6 37.3 55.9

Manual Integrations  
APPROVED

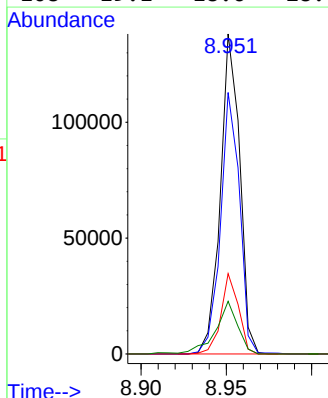
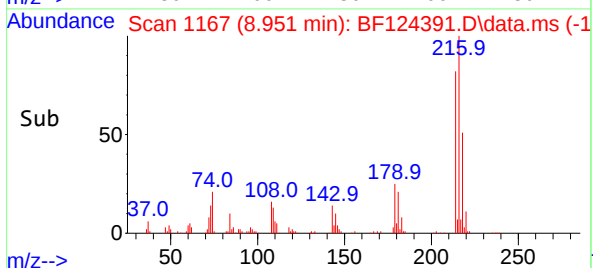
mohammad  
6/23/2021 11:30:04 AM

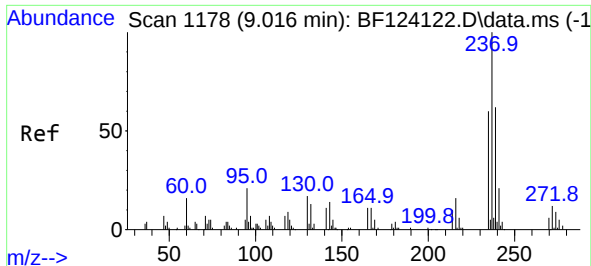


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 45.939 ng  
RT: 8.951 min Scan# 1167  
Delta R.T. -0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48



Tgt Ion:216 Resp: 109129  
Ion Ratio Lower Upper  
216 100  
214 80.2 63.8 95.8  
179 22.7 17.9 26.9  
108 19.1 18.6 28.0





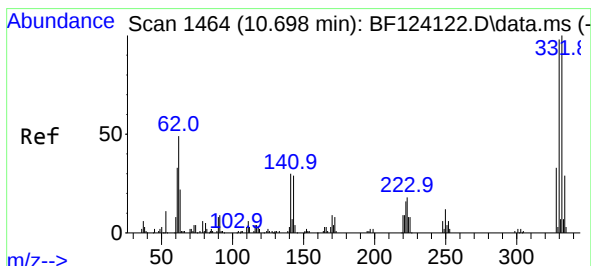
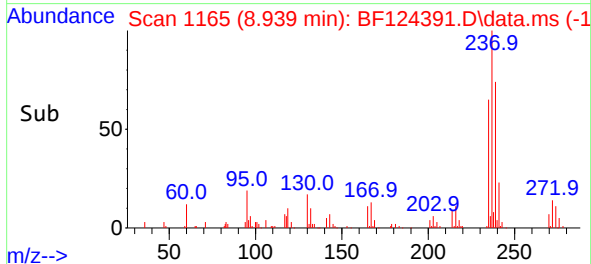
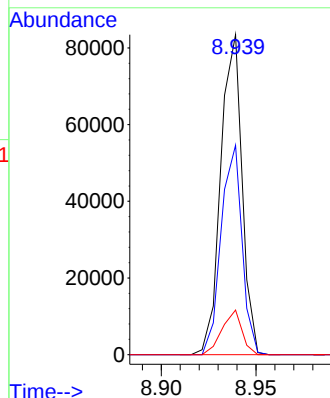
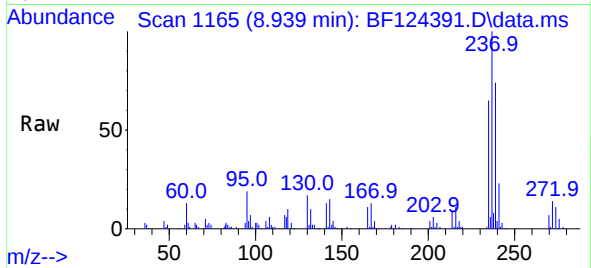
#41  
Hexachlorocyclopentadiene  
Concen: 53.571 ng  
RT: 8.939 min Scan# 1165  
Delta R.T. -0.000 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 65395 |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 65.5  | 38.8  | 78.8  |
| 272      | 13.9  | 0.0   | 32.4  |

Instrument :  
BNA\_F  
ClientSampleId :  
SB-8MSD

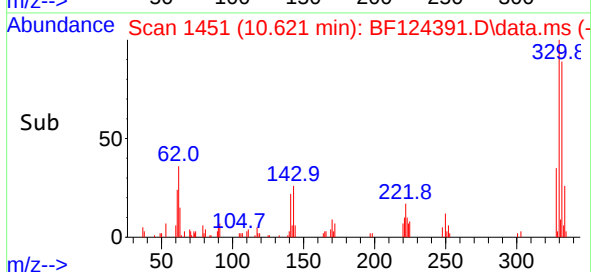
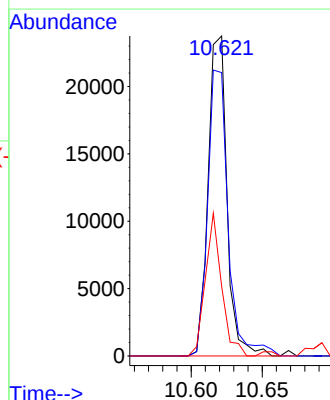
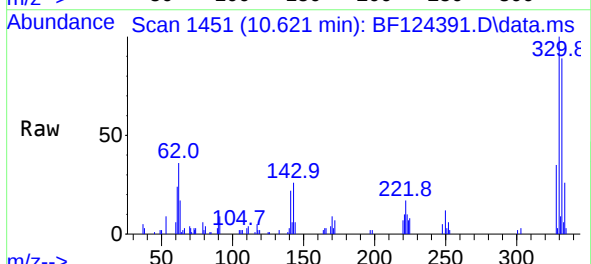
Manual Integrations  
APPROVED

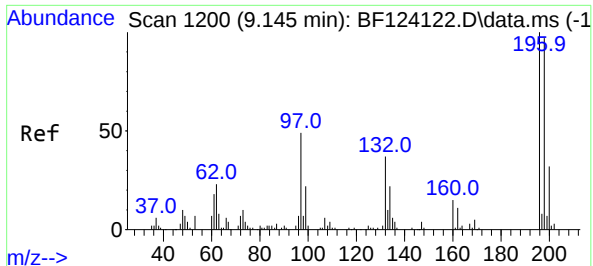
mohammad  
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#42  
2,4,6-Tribromophenol  
Concen: 23.138 ng  
RT: 10.621 min Scan# 1451  
Delta R.T. -0.000 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 330   | Resp: | 21979 |
| Ion      | Ratio | Lower | Upper |
| 330      | 100   |       |       |
| 332      | 96.7  | 77.1  | 115.7 |
| 141      | 38.5  | 27.9  | 41.9  |





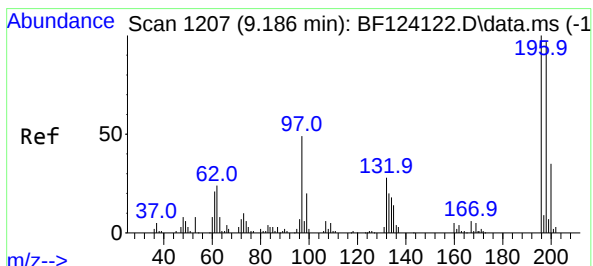
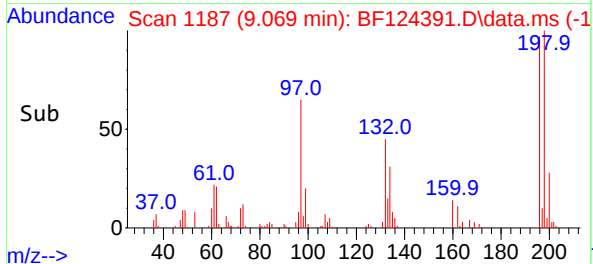
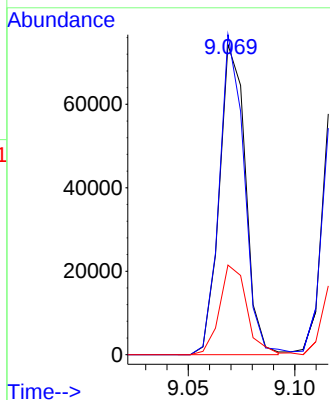
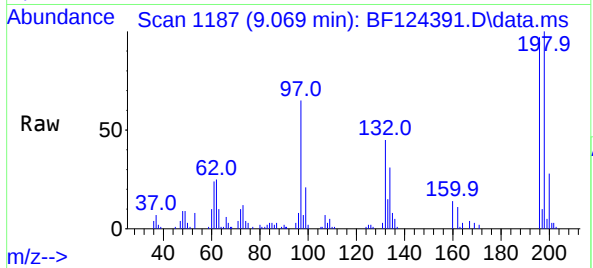
#43  
2,4,6-Trichlorophenol  
Concen: 40.796 ng  
RT: 9.069 min Scan# 1187  
Delta R.T. -0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

Instrument :  
BNA\_F  
ClientSampled :  
SB-8MSD

Tgt Ion:196 Resp: 63206  
Ion Ratio Lower Upper  
196 100  
198 103.2 78.2 117.2  
200 28.9 25.0 37.6

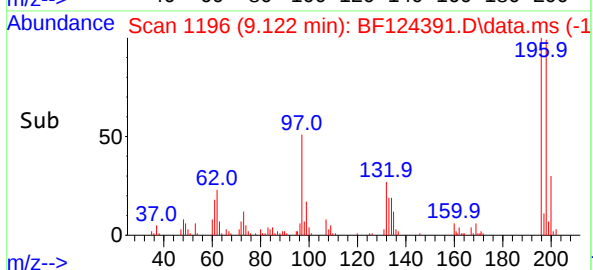
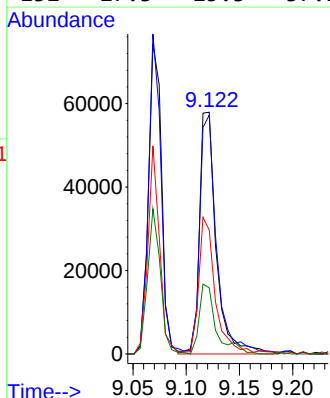
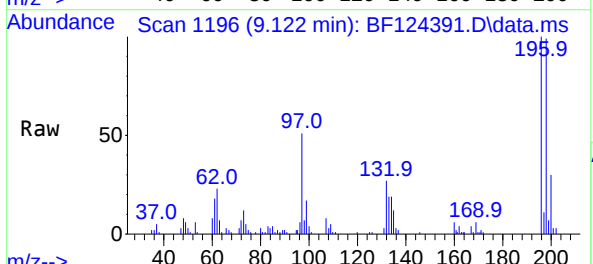
Manual Integrations  
APPROVED

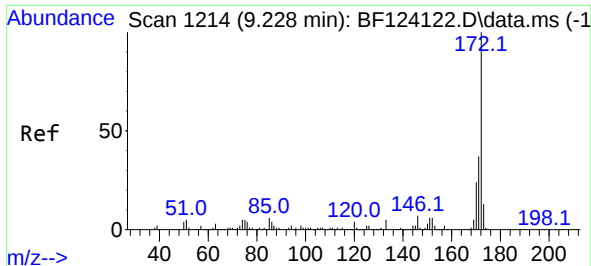
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#44  
2,4,5-Trichlorophenol  
Concen: 38.338 ng  
RT: 9.122 min Scan# 1196  
Delta R.T. -0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

Tgt Ion:196 Resp: 63764  
Ion Ratio Lower Upper  
196 100  
198 98.8 76.5 114.7  
97 51.2 52.9 79.3#  
132 27.3 25.3 37.9





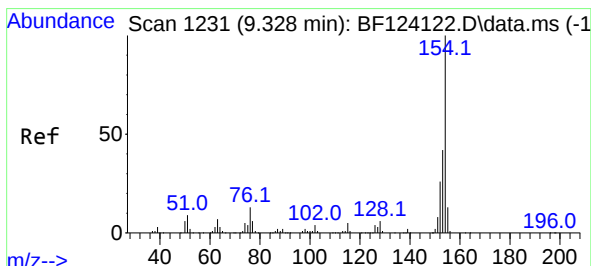
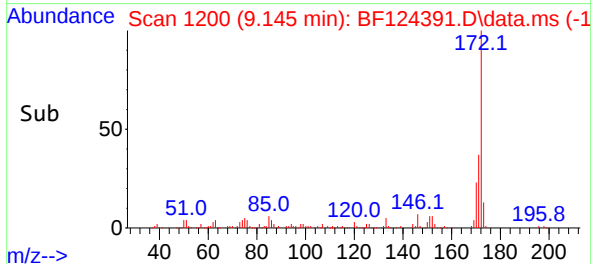
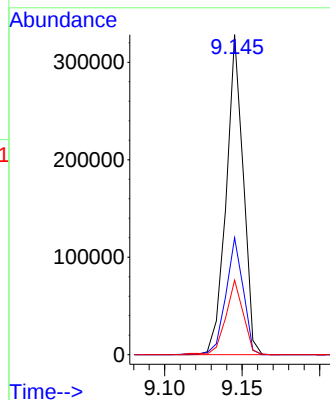
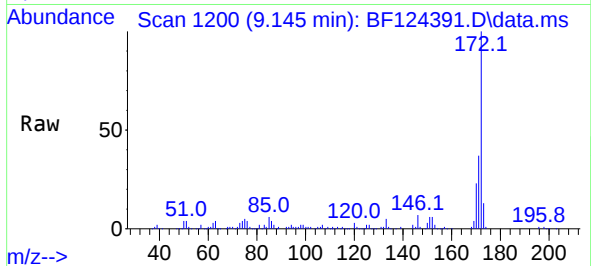
#45  
2-Fluorobiphenyl  
Concen: 46.971 ng  
RT: 9.145 min Scan# 1200  
Delta R.T. -0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

Tgt Ion:172 Resp: 250269  
Ion Ratio Lower Upper  
172 100  
171 36.5 28.1 42.1  
170 23.3 19.2 28.8

Instrument :  
BNA\_F  
ClientSampled :  
SB-8MSD

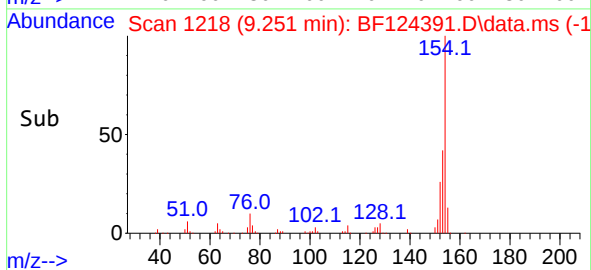
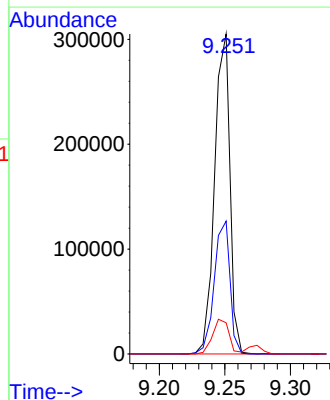
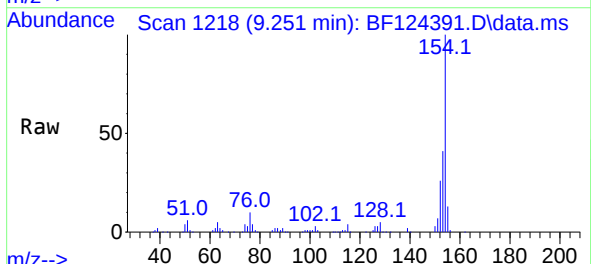
Manual Integrations  
APPROVED

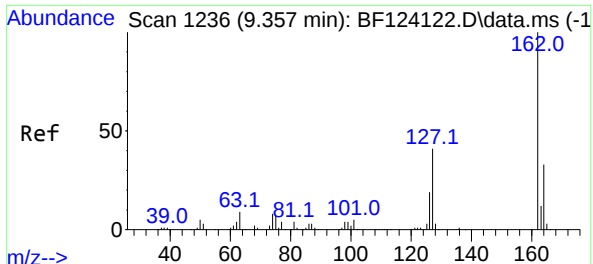
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#46  
1,1'-Biphenyl  
Concen: 43.638 ng  
RT: 9.251 min Scan# 1218  
Delta R.T. -0.000 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

Tgt Ion:154 Resp: 246987  
Ion Ratio Lower Upper  
154 100  
153 41.5 20.7 60.7  
76 9.8 0.0 31.7





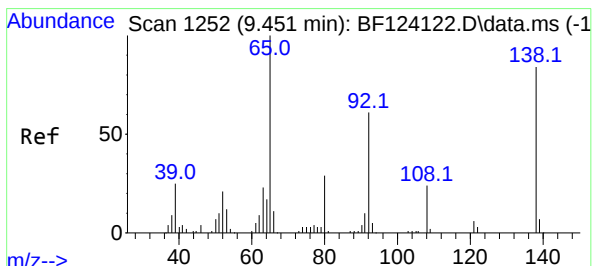
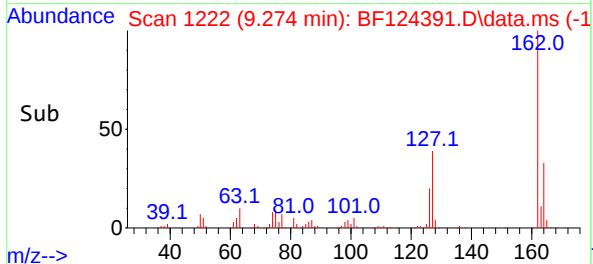
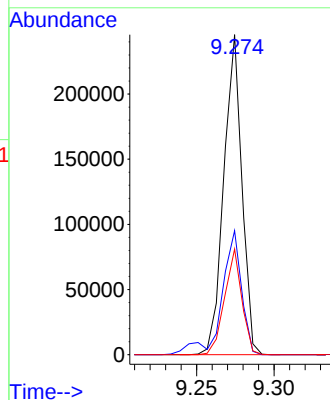
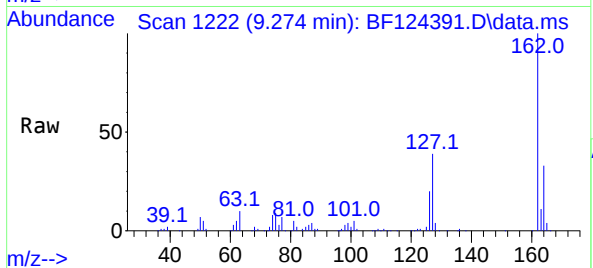
#47  
2-Chloronaphthalene  
Concen: 43.214 ng  
RT: 9.274 min Scan# 1222  
Delta R.T. -0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

Instrument :  
BNA\_F  
ClientSampled :  
SB-8MSD

Tgt Ion:162 Resp: 199085  
Ion Ratio Lower Upper  
162 100  
127 38.8 36.2 54.2  
164 33.0 25.4 38.2

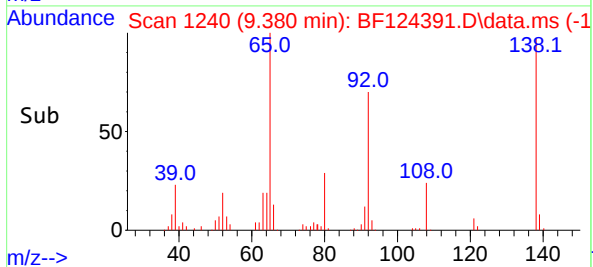
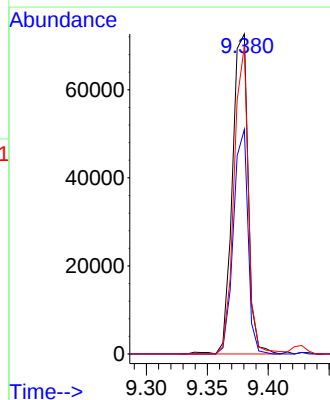
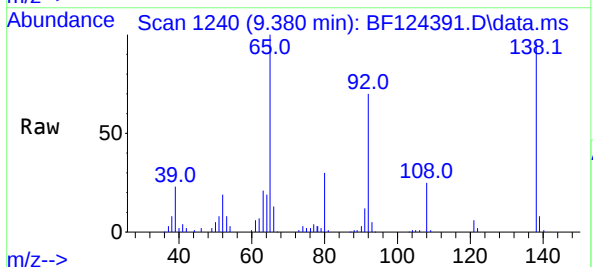
Manual Integrations  
APPROVED

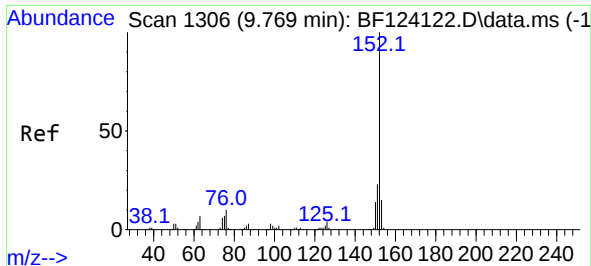
mohammad  
6/23/2021 11:30:04 AM



#48  
2-Nitroaniline  
Concen: 39.467 ng  
RT: 9.380 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

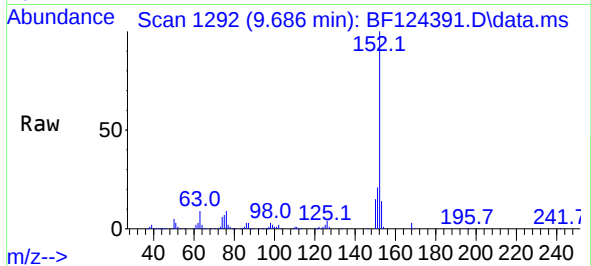
Tgt Ion: 65 Resp: 65616  
Ion Ratio Lower Upper  
65 100  
92 70.1 47.1 70.7  
138 96.3 70.2 105.2





#49  
Acenaphthylene  
Concen: 42.791 ng  
RT: 9.686 min Scan# 1292  
Delta R.T. -0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

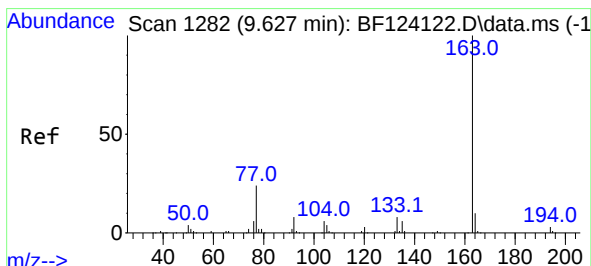
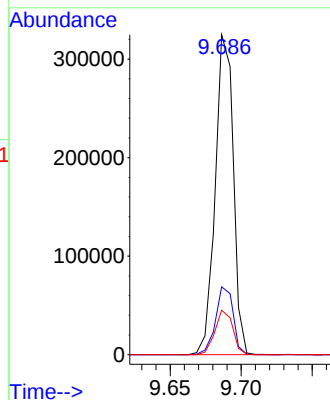
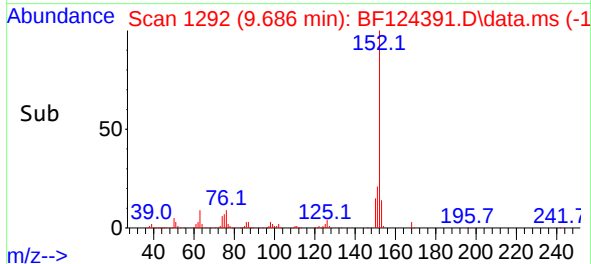
Instrument :  
BNA\_F  
ClientSampleId :  
SB-8MSD



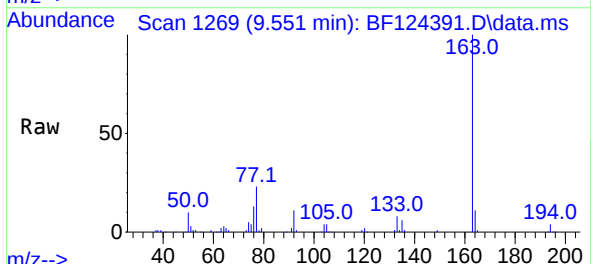
Tgt Ion:152 Resp: 286554  
Ion Ratio Lower Upper  
152 100  
151 21.2 16.0 24.0  
153 13.9 10.4 15.6

Manual Integrations  
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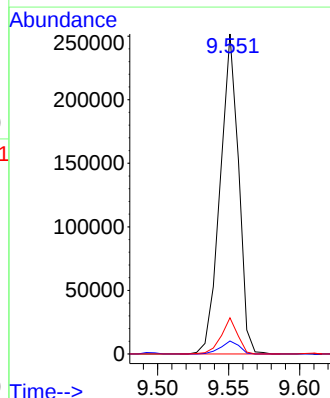
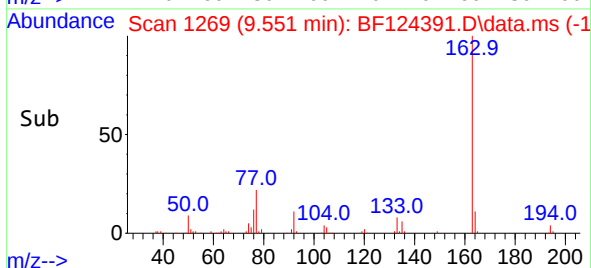
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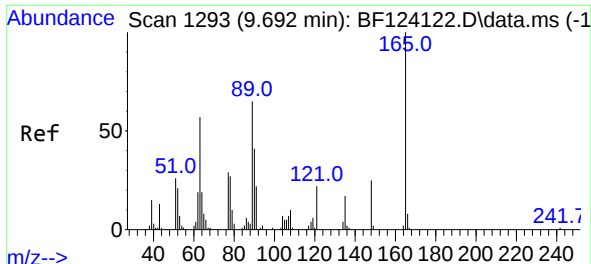


#50  
Dimethylphthalate  
Concen: 40.789 ng  
RT: 9.551 min Scan# 1269  
Delta R.T. -0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48



Tgt Ion:163 Resp: 226267  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.1 4.7  
164 11.3 8.2 12.2





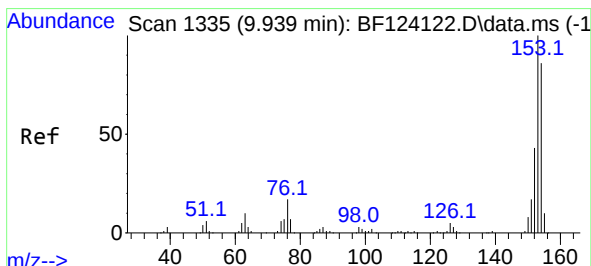
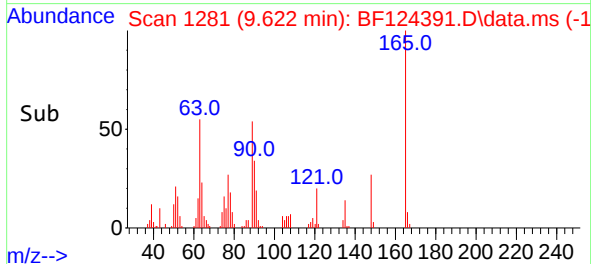
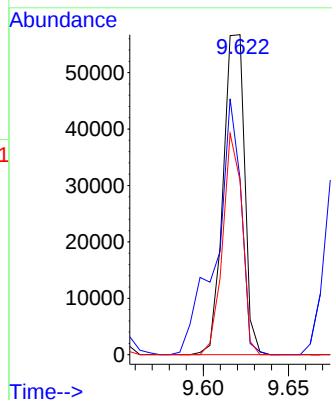
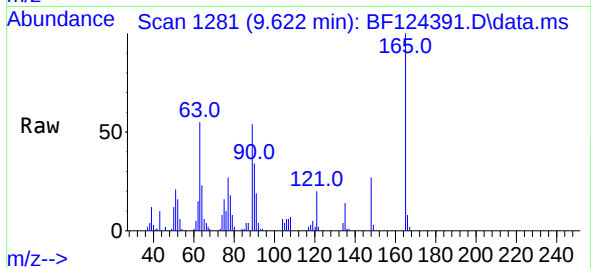
#51  
2,6-Dinitrotoluene  
Concen: 39.155 ng  
RT: 9.622 min Scan# 1281  
Delta R.T. -0.000 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

Tgt Ion:165 Resp: 49801  
Ion Ratio Lower Upper  
165 100  
63 54.9 67.7 101.5#  
89 54.4 58.8 88.2#

Instrument :  
BNA\_F  
ClientSampled :  
SB-8MSD

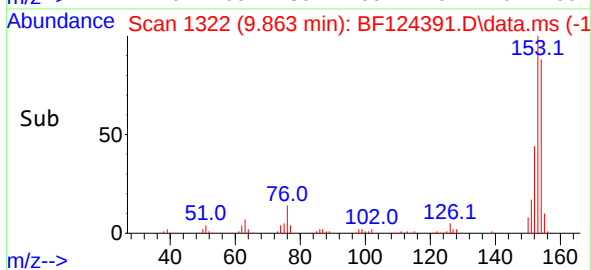
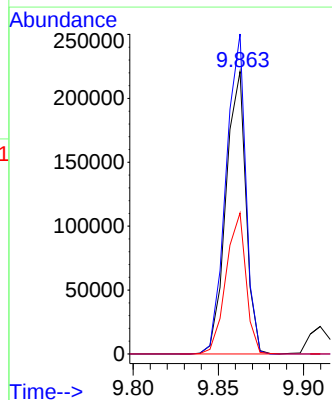
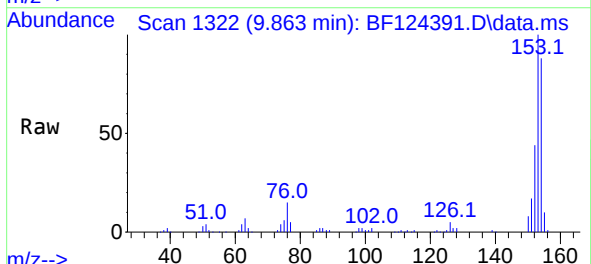
Manual Integrations  
APPROVED

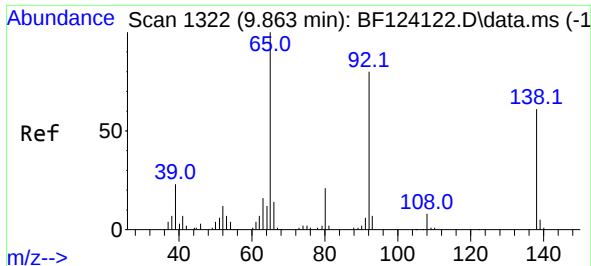
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6/23/2021 11:30:04 AM



#52  
Acenaphthene  
Concen: 41.231 ng  
RT: 9.863 min Scan# 1322  
Delta R.T. -0.000 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

Tgt Ion:154 Resp: 180332  
Ion Ratio Lower Upper  
154 100  
153 113.3 88.1 132.1  
152 49.9 43.4 65.0





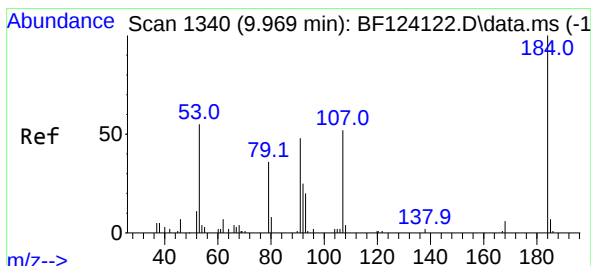
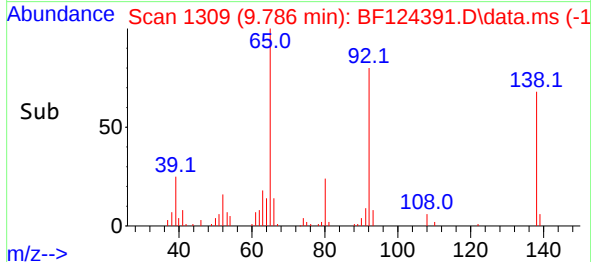
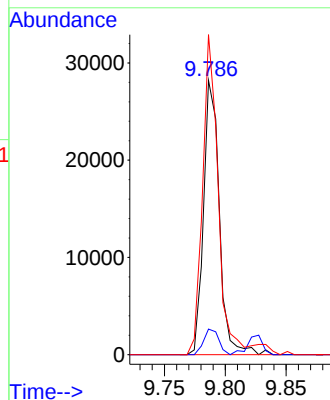
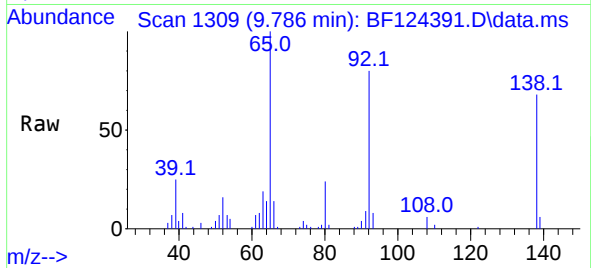
#53  
3-Nitroaniline  
Concen: 21.361 ng  
RT: 9.786 min Scan# 1309  
Delta R.T. -0.012 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

Tgt Ion:138 Resp: 25428  
Ion Ratio Lower Upper  
138 100  
108 9.3 10.2 15.4#  
92 116.7 103.3 154.9

Instrument :  
BNA\_F  
ClientSampled :  
SB-8MSD

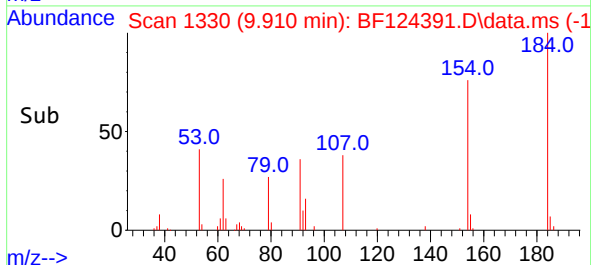
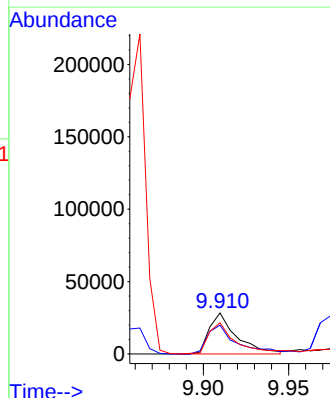
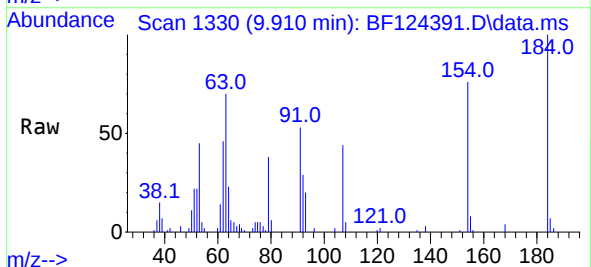
Manual Integrations  
APPROVED

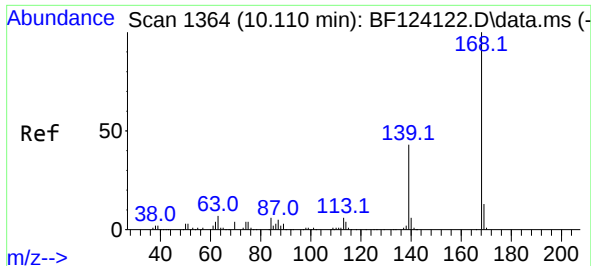
mohammad  
6/23/2021 11:30:04 AM



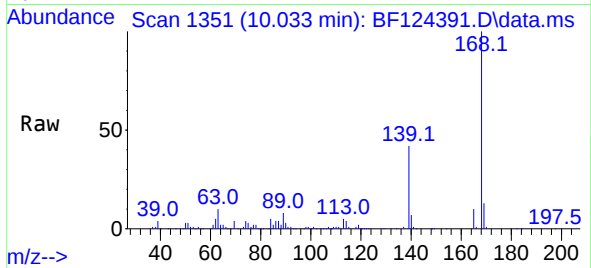
#54  
2,4-Dinitrophenol  
Concen: 49.822 ng  
RT: 9.910 min Scan# 1330  
Delta R.T. -0.000 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

Tgt Ion:184 Resp: 31498  
Ion Ratio Lower Upper  
184 100  
63 70.1 73.5 110.3#  
154 76.2 52.5 78.7

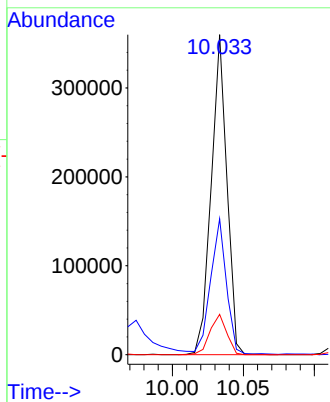
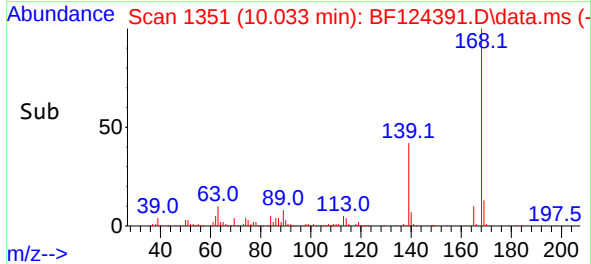




#55  
Dibenzenofuran  
Concen: 40.293 ng  
RT: 10.033 min Scan# 1351  
Delta R.T. -0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48



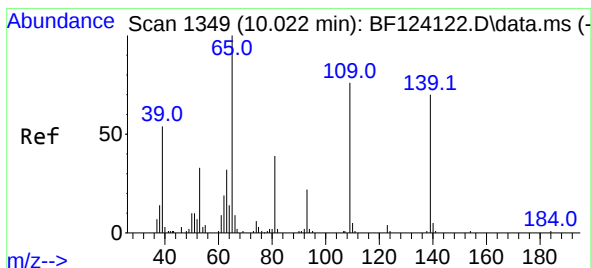
Tgt Ion:168 Resp: 275825  
Ion Ratio Lower Upper  
168 100  
139 42.4 33.2 49.8  
169 12.6 10.8 16.2



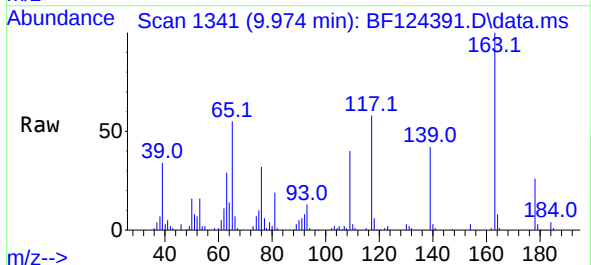
Instrument :  
BNA\_F  
ClientSampled :  
SB-8MSD

Manual Integrations  
APPROVED

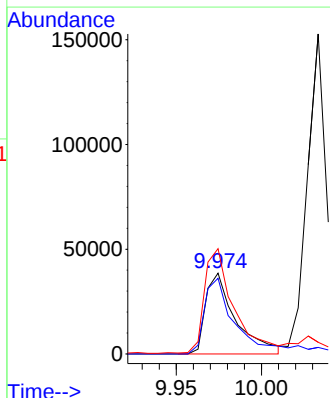
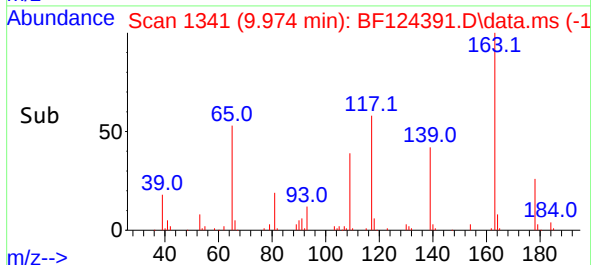
mohammad  
6/23/2021 11:30:04 AM

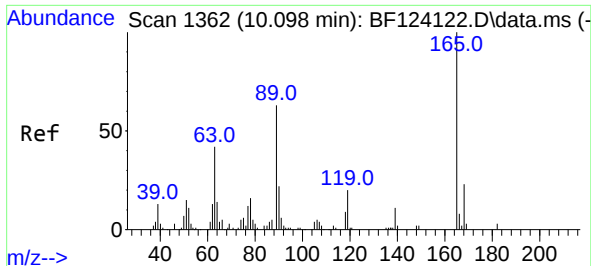


#56  
4-Nitrophenol  
Concen: 55.658 ng  
RT: 9.974 min Scan# 1341  
Delta R.T. -0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48



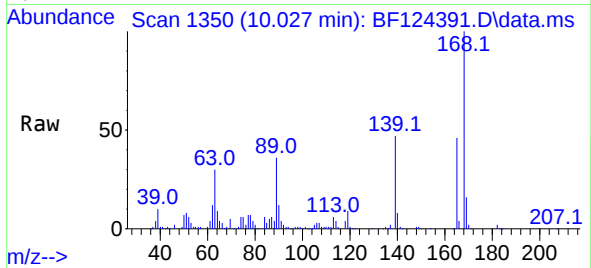
Tgt Ion:139 Resp: 47350  
Ion Ratio Lower Upper  
139 100  
109 93.6 63.2 103.2  
65 130.2 110.0 150.0





#57  
2,4-Dinitrotoluene  
Concen: 40.098 ng  
RT: 10.027 min Scan# 1350  
Delta R.T. -0.000 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

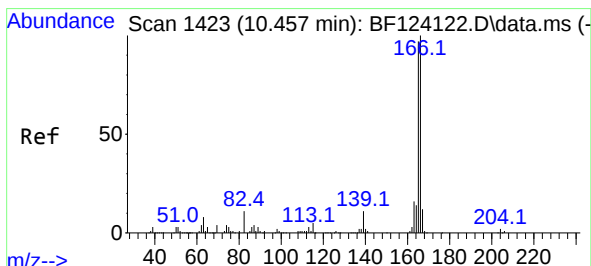
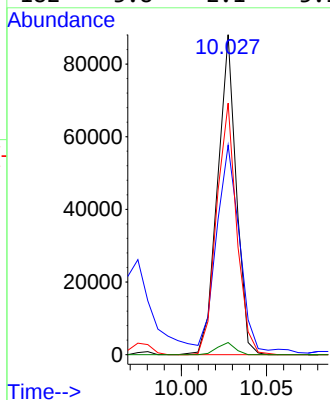
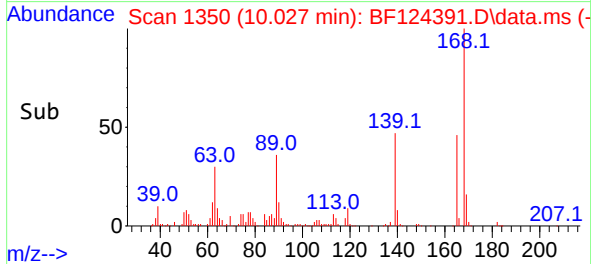
Instrument :  
BNA\_F  
ClientSampleId :  
SB-8MSD



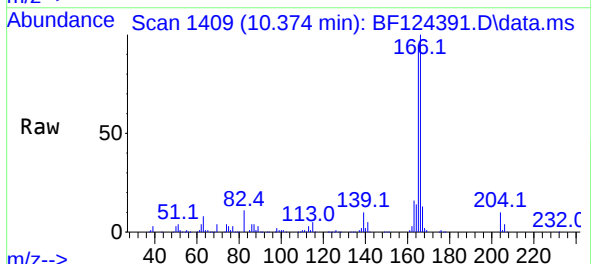
Tgt Ion:165 Resp: 67261  
Ion Ratio Lower Upper  
165 100  
63 65.4 43.5 65.3#  
89 78.6 67.7 101.5  
182 3.8 2.1 3.1#

Manual Integrations  
APPROVED

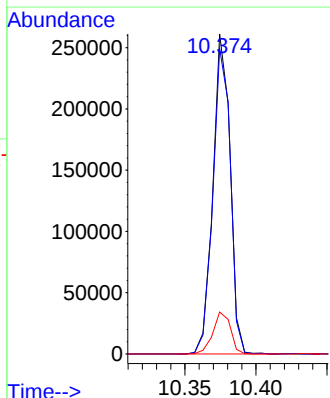
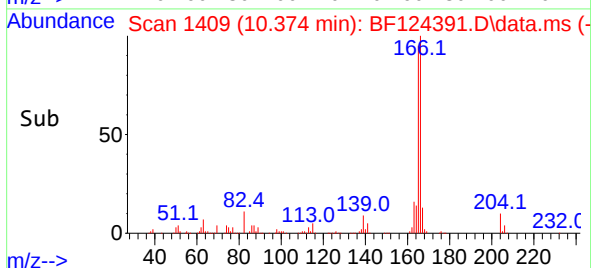
mohammad  
6/23/2021 11:30:04 AM

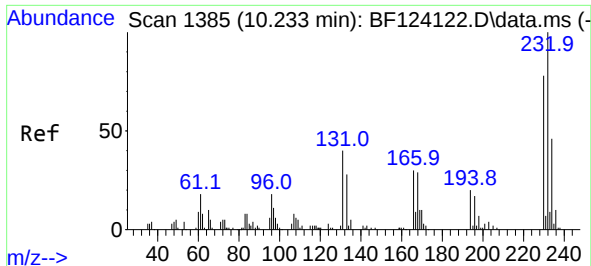


#58  
Fluorene  
Concen: 41.708 ng  
RT: 10.374 min Scan# 1409  
Delta R.T. -0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48



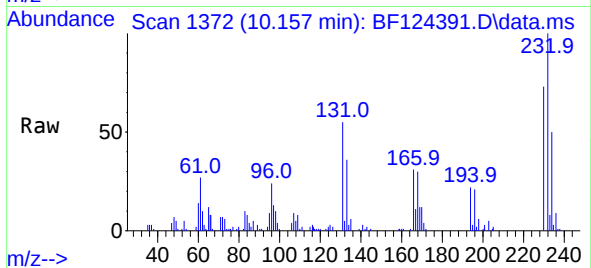
Tgt Ion:166 Resp: 219159  
Ion Ratio Lower Upper  
166 100  
165 95.4 73.5 110.3  
167 13.1 10.7 16.1





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 36.353 ng  
RT: 10.157 min Scan# 1372  
Delta R.T. -0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

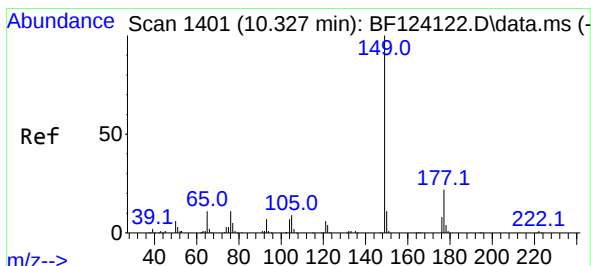
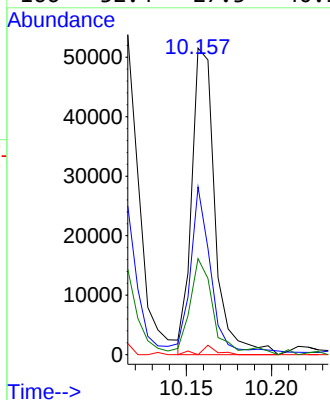
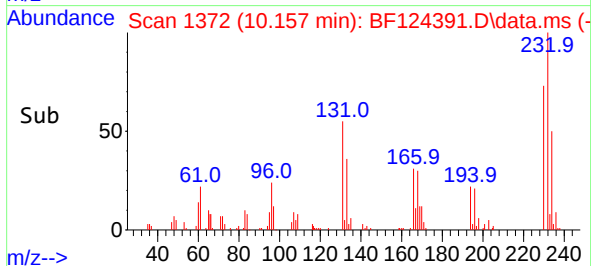
Instrument :  
BNA\_F  
ClientSampled :  
SB-8MSD



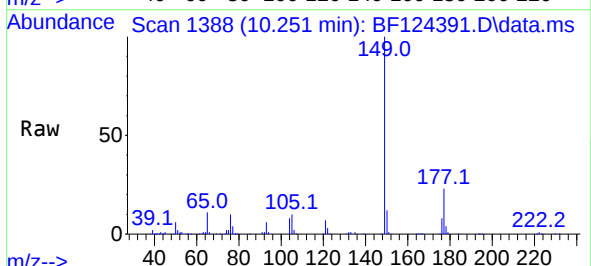
Tgt Ion:232 Resp: 48997  
Ion Ratio Lower Upper  
232 100  
131 50.0 43.2 64.8  
130 2.1 2.2 3.2#  
166 32.4 27.3 40.9

Manual Integrations  
APPROVED

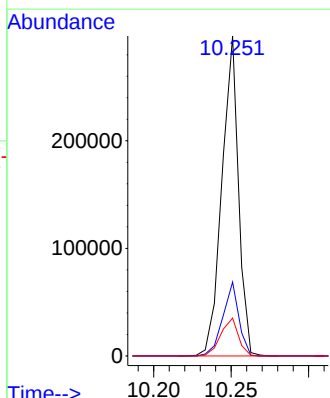
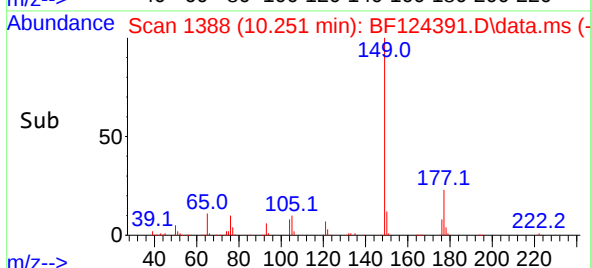
mohammad  
6/23/2021 11:30:04 AM

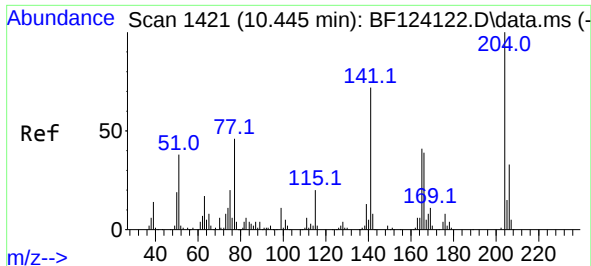


#60  
Diethylphthalate  
Concen: 39.532 ng  
RT: 10.251 min Scan# 1388  
Delta R.T. -0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48



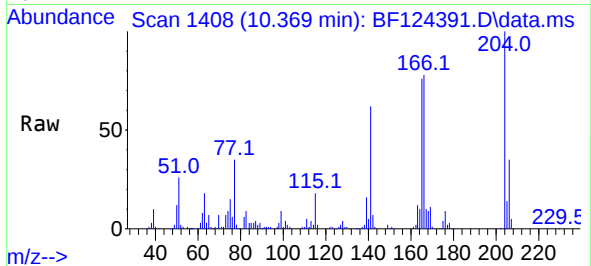
Tgt Ion:149 Resp: 221311  
Ion Ratio Lower Upper  
149 100  
177 23.1 15.4 23.2  
150 11.9 9.9 14.9





#61  
4-Chlorophenyl-phenylether  
Concen: 40.703 ng  
RT: 10.369 min Scan# 1408  
Delta R.T. -0.000 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

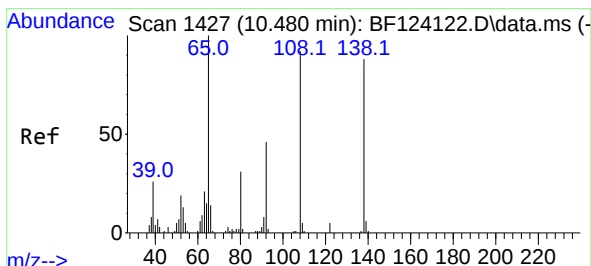
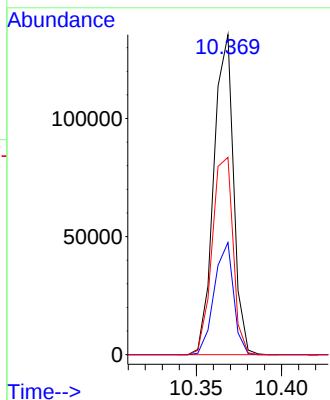
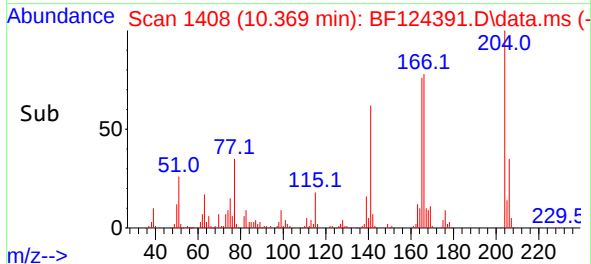
Instrument :  
BNA\_F  
ClientSampled :  
SB-8MSD



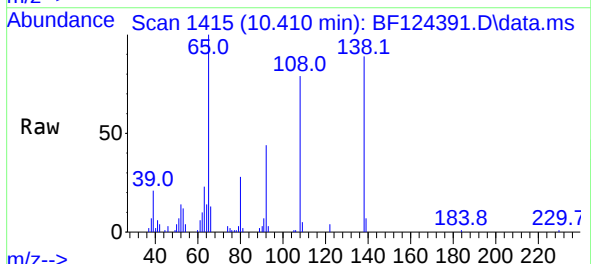
Tgt Ion:204 Resp: 109357  
Ion Ratio Lower Upper  
204 100  
206 35.1 25.7 38.5  
141 61.7 55.5 83.3

Manual Integrations  
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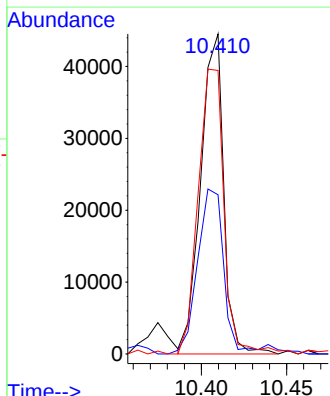
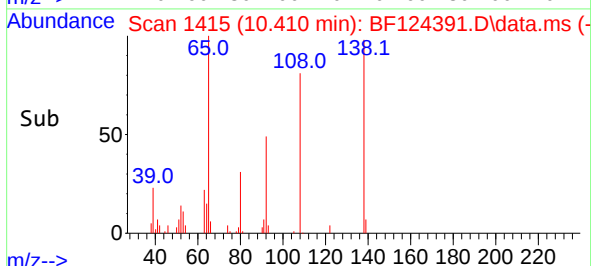
mohammad  
6/23/2021 11:30:04 AM

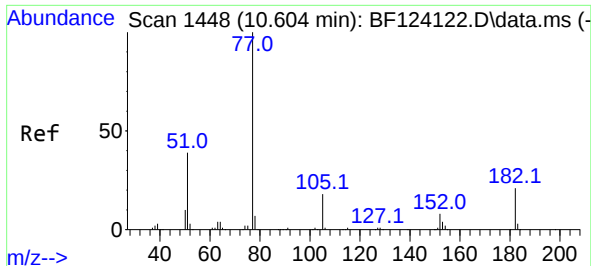


#62  
4-Nitroaniline  
Concen: 34.930 ng  
RT: 10.410 min Scan# 1415  
Delta R.T. -0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48



Tgt Ion:138 Resp: 41808  
Ion Ratio Lower Upper  
138 100  
92 49.8 35.8 75.8  
108 88.6 63.6 103.6





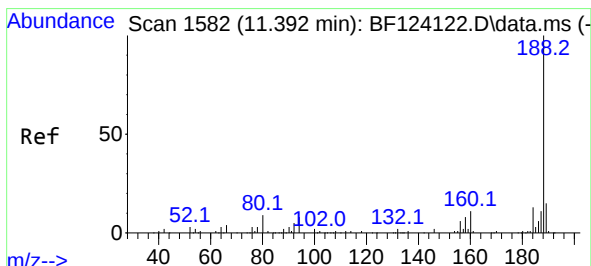
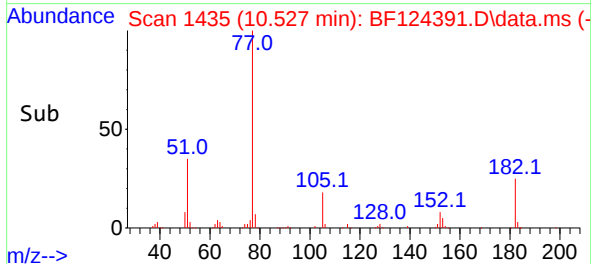
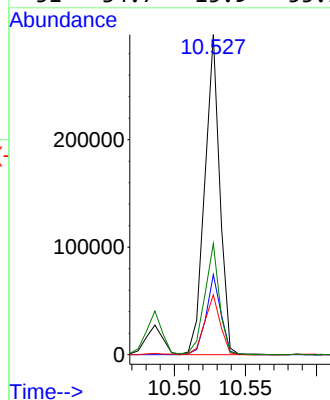
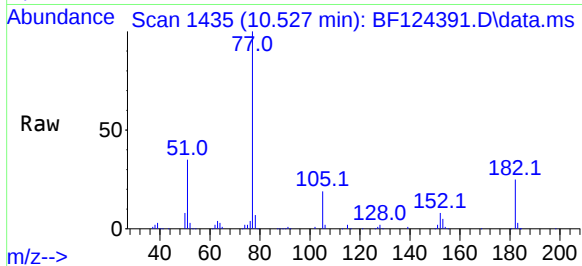
#63  
Azobenzene  
Concen: 37.611 ng  
RT: 10.527 min Scan# 1435  
Delta R.T. -0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

Tgt Ion: 77 Resp: 219481  
Ion Ratio Lower Upper  
77 100  
182 25.0 1.7 41.7  
105 18.7 1.7 41.7  
51 34.7 15.9 55.9

Instrument :  
BNA\_F  
ClientSampled :  
SB-8MSD

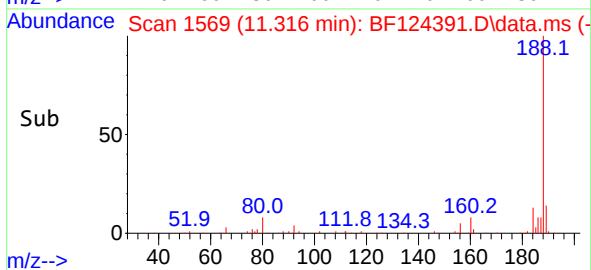
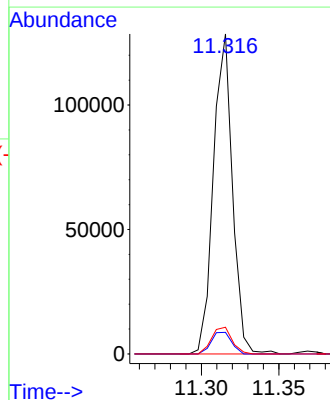
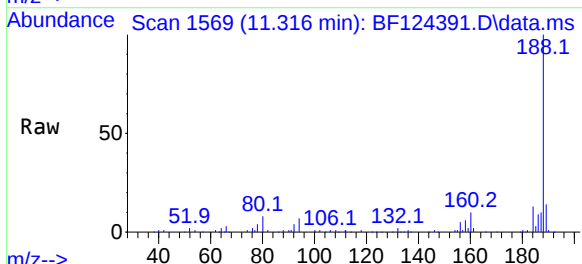
Manual Integrations  
APPROVED

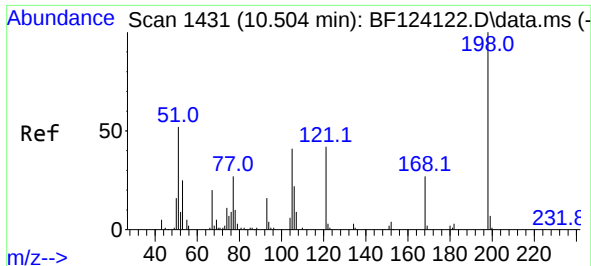
mohammad  
6/23/2021 11:30:04 AM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.316 min Scan# 1569  
Delta R.T. -0.000 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

Tgt Ion: 188 Resp: 109856  
Ion Ratio Lower Upper  
188 100  
94 6.7 6.9 10.3#  
80 8.3 8.2 12.2





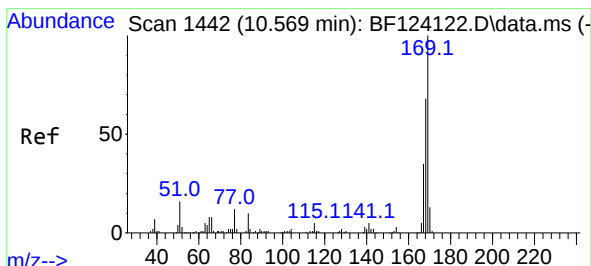
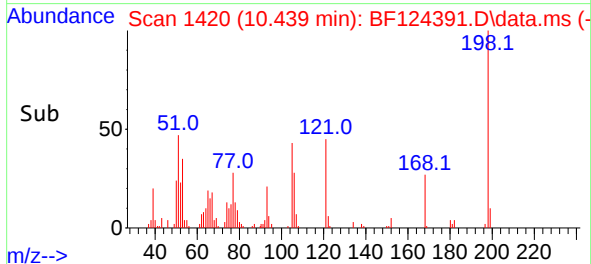
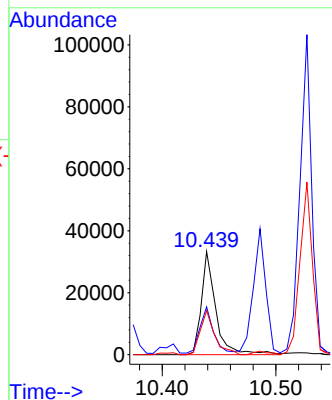
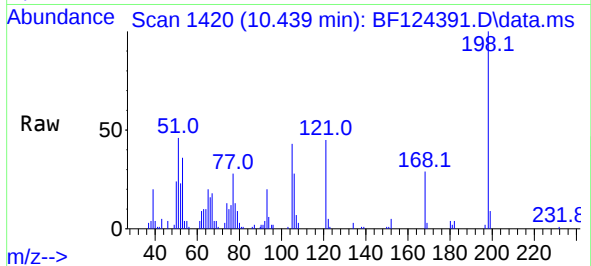
#65  
4,6-Dinitro-2-methylphenol  
Concen: 33.257 ng  
RT: 10.439 min Scan# 1420  
Delta R.T. -0.000 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

Tgt Ion:198 Resp: 29361  
Ion Ratio Lower Upper  
198 100  
51 46.3 64.8 104.8#  
105 42.6 42.6 82.6#

Instrument :  
BNA\_F  
ClientSampleId :  
SB-8MSD

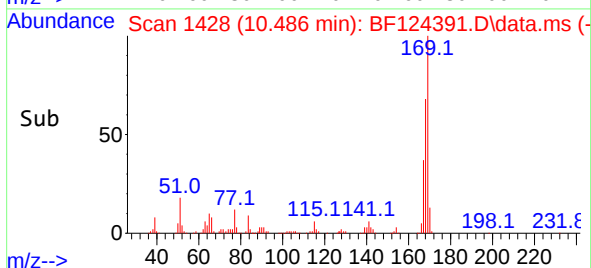
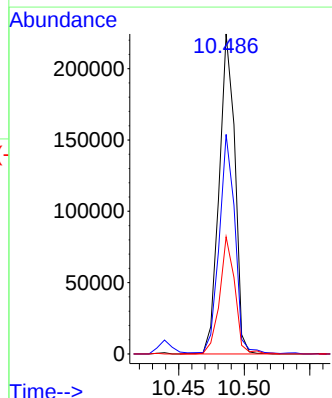
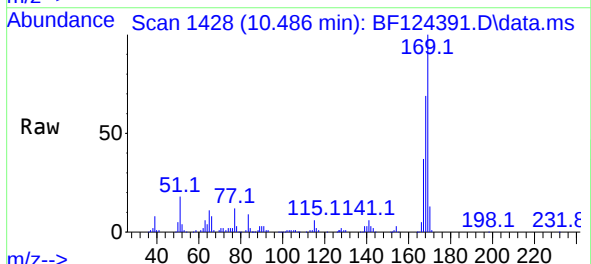
Manual Integrations  
APPROVED

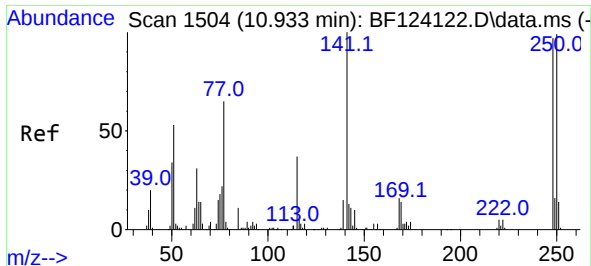
mohammad  
6/23/2021 11:30:04 AM



#66  
n-Nitrosodiphenylamine  
Concen: 44.764 ng  
RT: 10.486 min Scan# 1428  
Delta R.T. -0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

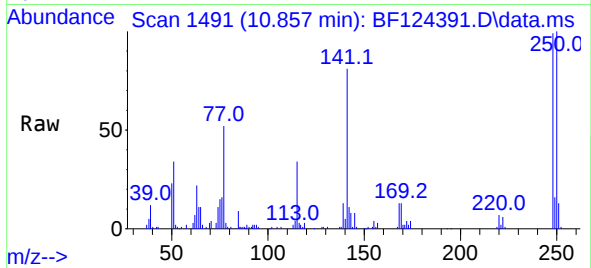
Tgt Ion:169 Resp: 186846  
Ion Ratio Lower Upper  
169 100  
168 68.6 53.3 79.9  
167 36.6 29.9 44.9





#67  
4-Bromophenyl-phenylether  
Concen: 42.566 ng  
RT: 10.857 min Scan# 1491  
Delta R.T. -0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

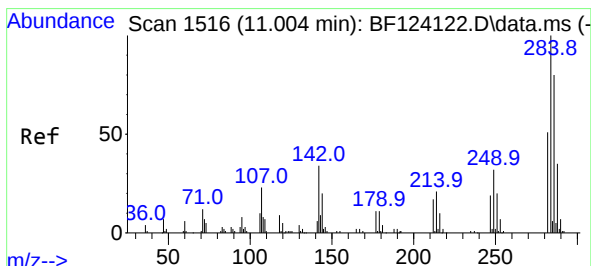
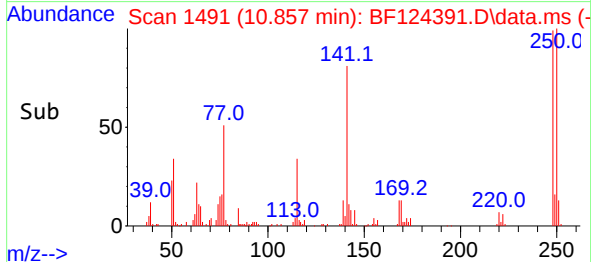
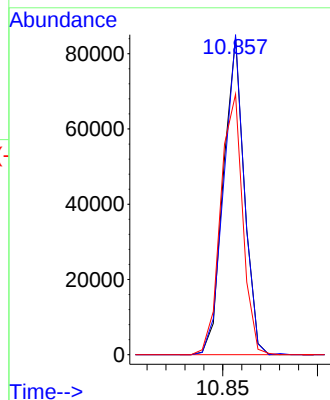
Instrument :  
BNA\_F  
ClientSampleId :  
SB-8MSD



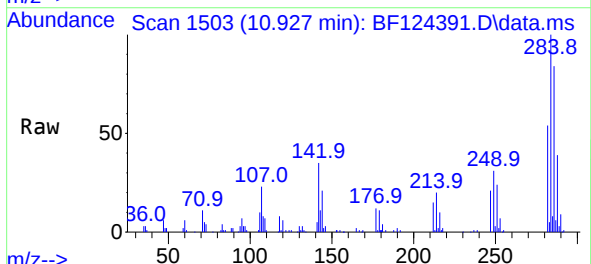
Tgt Ion:248 Resp: 64183  
Ion Ratio Lower Upper  
248 100  
250 100.9 77.4 116.2  
141 82.1 63.7 95.5

Manual Integrations  
APPROVED

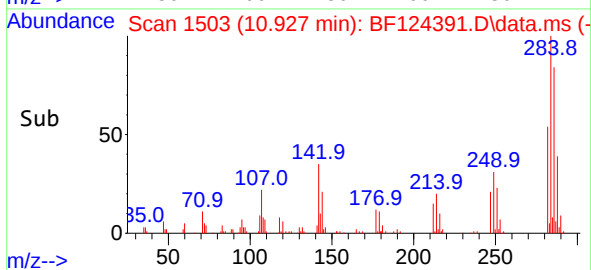
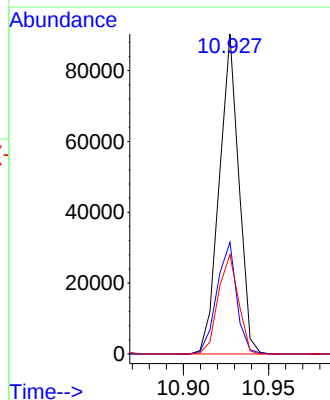
mohammad  
6/23/2021 11:30:04 AM

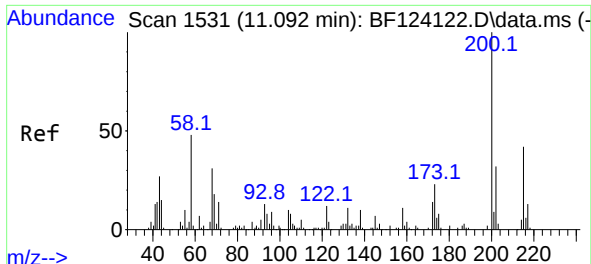


#68  
Hexachlorobenzene  
Concen: 42.249 ng  
RT: 10.927 min Scan# 1503  
Delta R.T. -0.000 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48



Tgt Ion:284 Resp: 72155  
Ion Ratio Lower Upper  
284 100  
142 34.9 28.3 42.5  
249 31.0 23.5 35.3





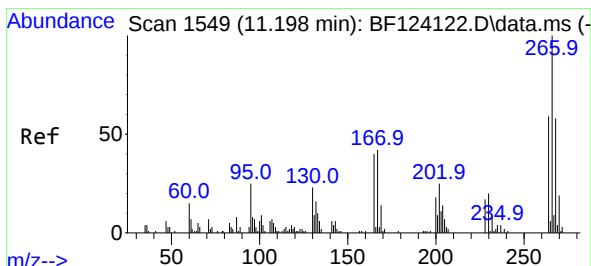
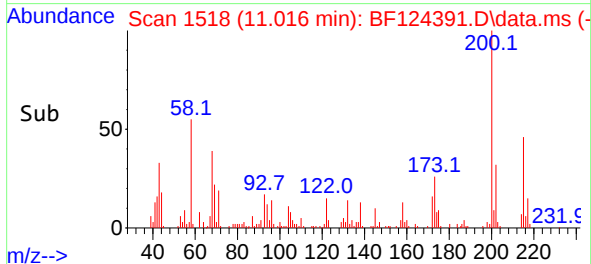
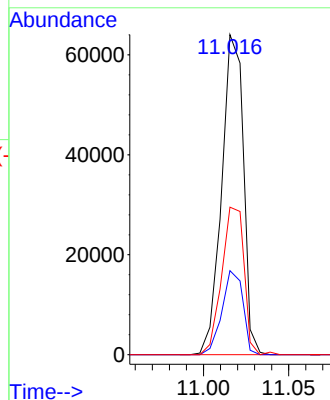
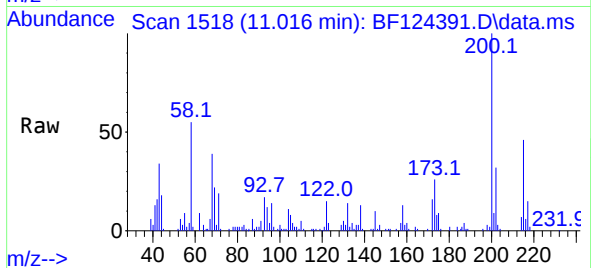
#69  
Atrazine  
Concen: 48.057 ng  
RT: 11.016 min Scan# 1518  
Delta R.T. -0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 200   | Resp: | 56783 |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 26.2  | 6.9   | 46.9  |
| 215       | 46.1  | 26.5  | 66.5  |

Instrument :  
BNA\_F  
ClientSampleId :  
SB-8MSD

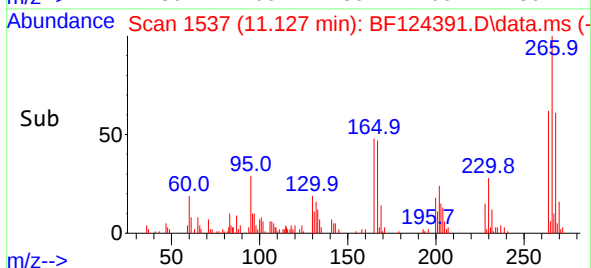
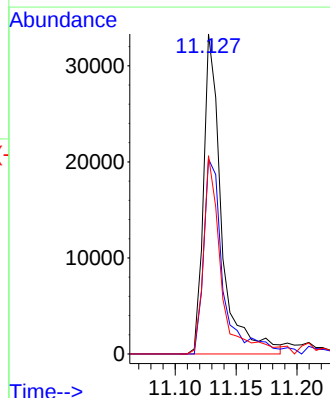
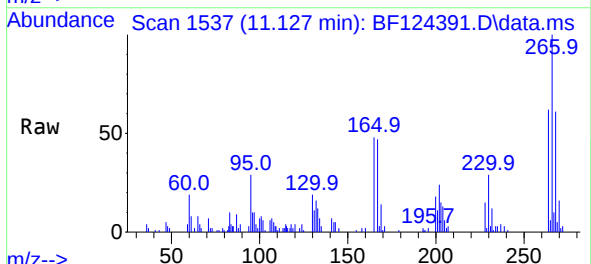
Manual Integrations  
APPROVED

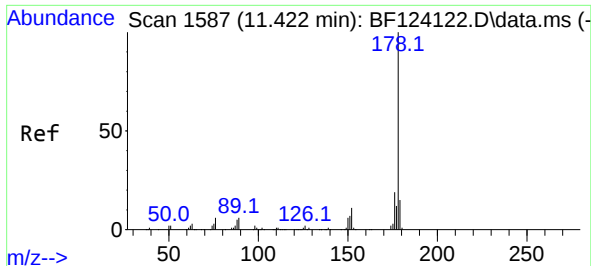
mohammad  
6/23/2021 11:30:04 AM



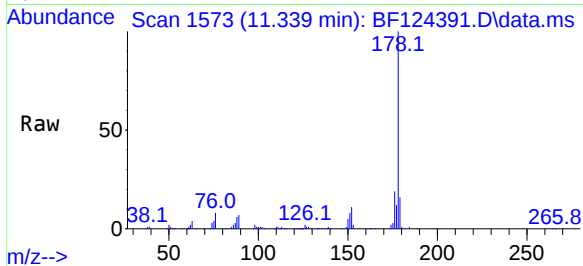
#70  
Pentachlorophenol  
Concen: 40.760 ng  
RT: 11.127 min Scan# 1537  
Delta R.T. -0.000 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 266   | Resp: | 34497 |
| Ion Ratio | Lower | Upper |       |
| 266       | 100   |       |       |
| 268       | 60.9  | 51.6  | 77.4  |
| 264       | 62.0  | 52.6  | 78.8  |

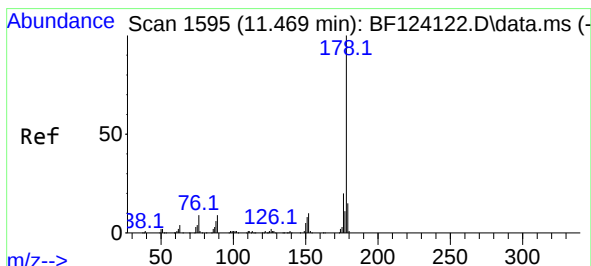
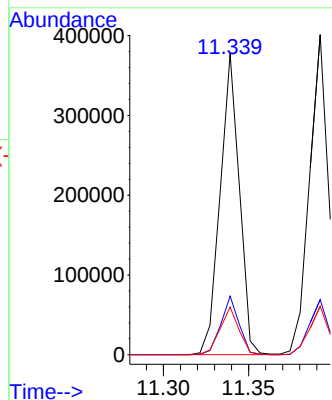
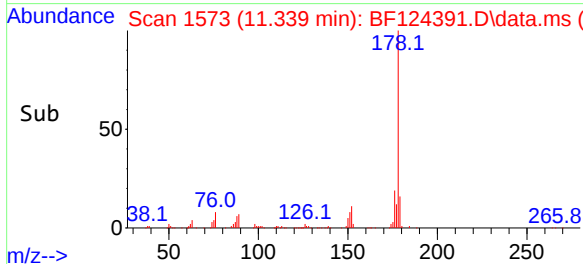




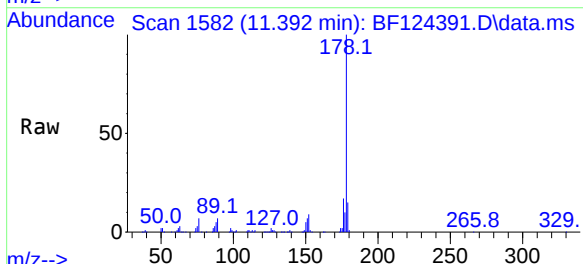
#71  
Phenanthrene  
Concen: 43.116 ng  
RT: 11.339 min Scan# 1573  
Delta R.T. -0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48



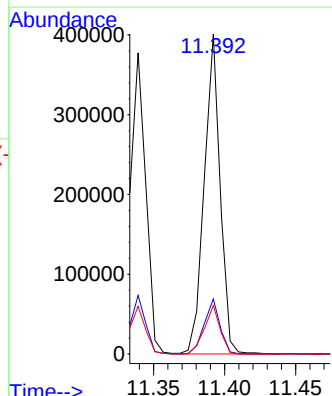
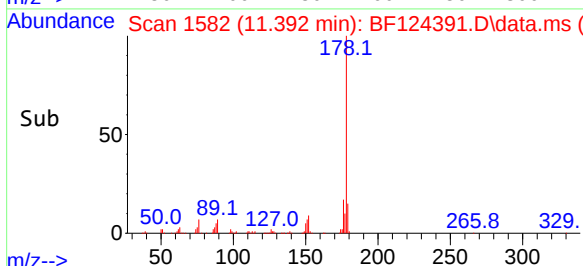
Tgt Ion:178 Resp: 295887  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.6 23.4  
179 15.9 12.5 18.7



#72  
Anthracene  
Concen: 45.262 ng  
RT: 11.392 min Scan# 1582  
Delta R.T. -0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48



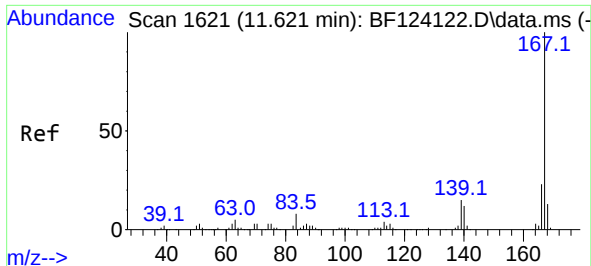
Tgt Ion:178 Resp: 312814  
Ion Ratio Lower Upper  
178 100  
176 17.2 15.4 23.0  
179 15.2 12.6 18.8



Instrument :  
BNA\_F  
ClientSampleId :  
SB-8MSD

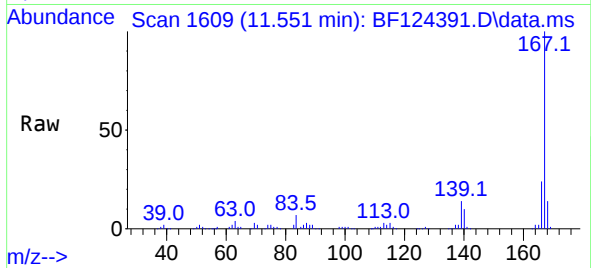
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#73  
 Carbazole  
 Concen: 38.751 ng  
 RT: 11.551 min Scan# 1609  
 Delta R.T. -0.006 min  
 Lab File: BF124391.D  
 Acq: 21 Jun 2021 13:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-8MSD

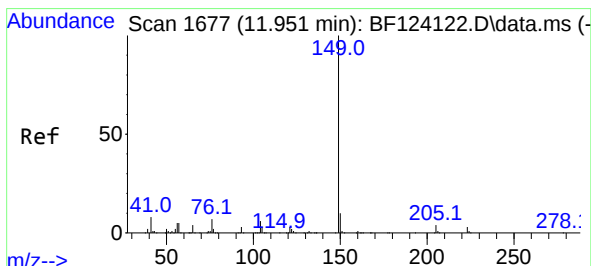
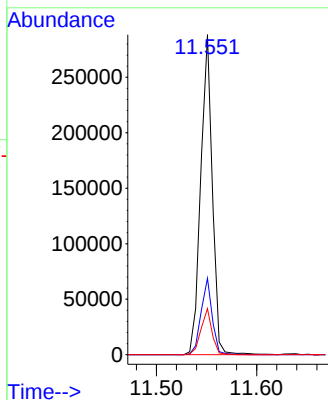
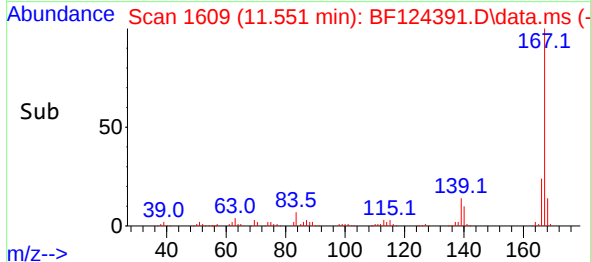


Tgt Ion:167 Resp: 233388  

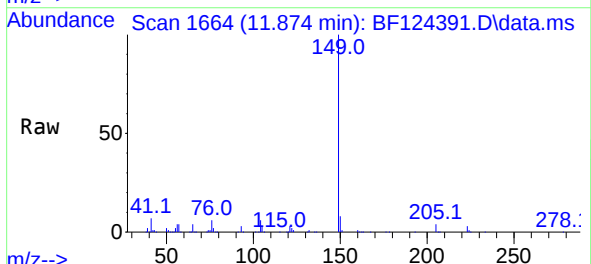
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 23.9  | 17.0  | 25.6  |
| 139 | 14.4  | 10.4  | 15.6  |

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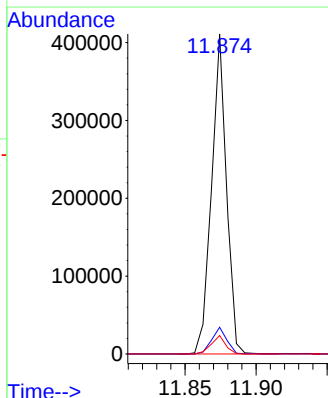
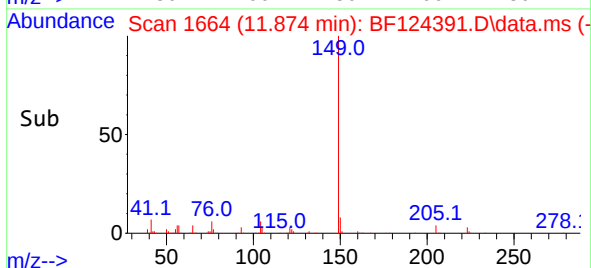


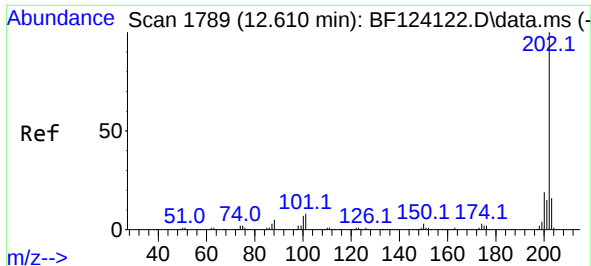
#74  
 Di-n-butylphthalate  
 Concen: 38.857 ng  
 RT: 11.874 min Scan# 1664  
 Delta R.T. -0.006 min  
 Lab File: BF124391.D  
 Acq: 21 Jun 2021 13:48



Tgt Ion:149 Resp: 300755  

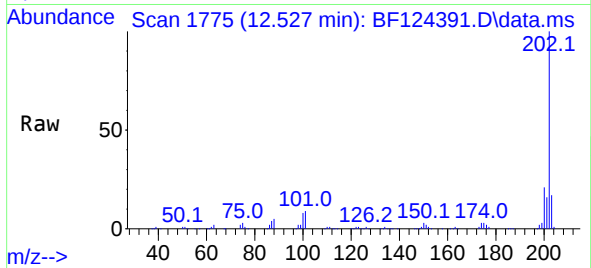
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 8.4   | 7.8   | 11.8  |
| 104 | 5.8   | 4.6   | 6.8   |





#75  
Fluoranthene  
Concen: 38.222 ng  
RT: 12.527 min Scan# 1775  
Delta R.T. -0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

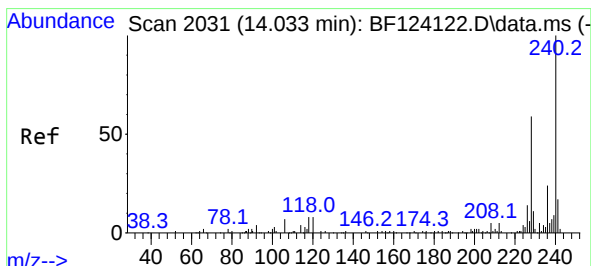
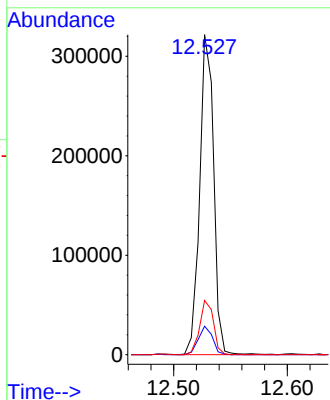
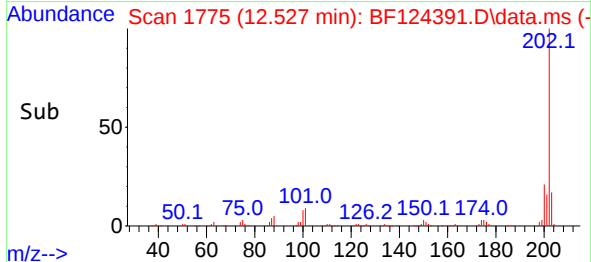
Instrument :  
BNA\_F  
ClientSampleId :  
SB-8MSD



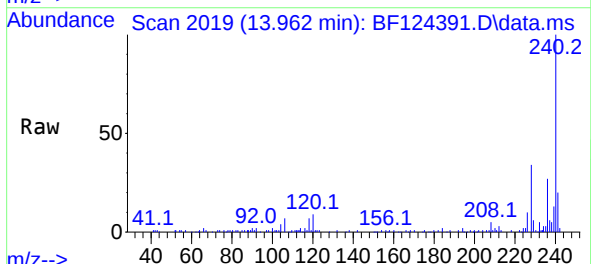
Tgt Ion:202 Resp: 275326  
Ion Ratio Lower Upper  
202 100  
101 8.9 0.0 30.9  
203 17.0 0.0 37.5

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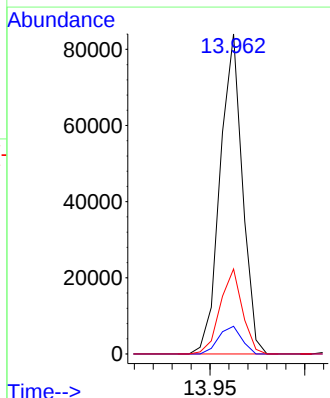
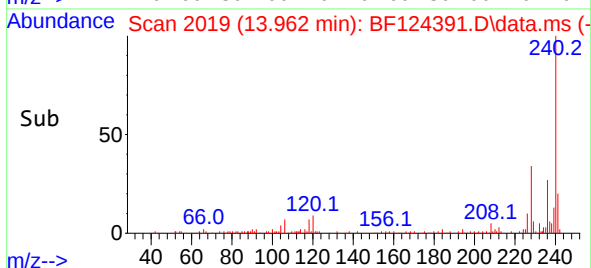
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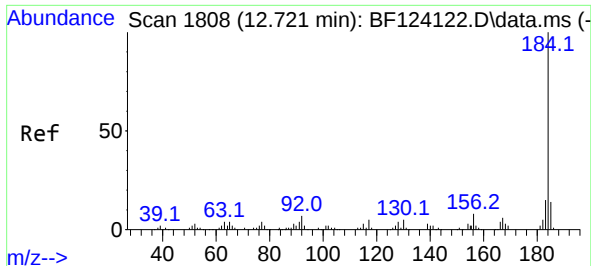


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.962 min Scan# 2019  
Delta R.T. -0.000 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48



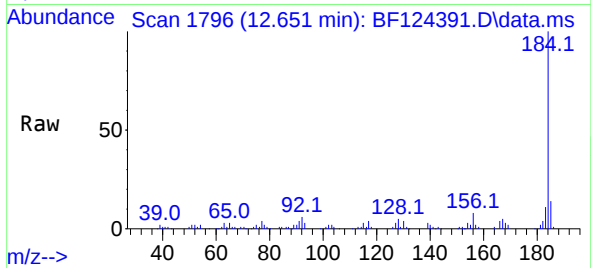
Tgt Ion:240 Resp: 68802  
Ion Ratio Lower Upper  
240 100  
120 8.6 7.2 10.8  
236 26.6 19.0 28.4





#77  
Benzidine  
Concen: 65.139 ng  
RT: 12.651 min Scan# 1796  
Delta R.T. -0.047 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

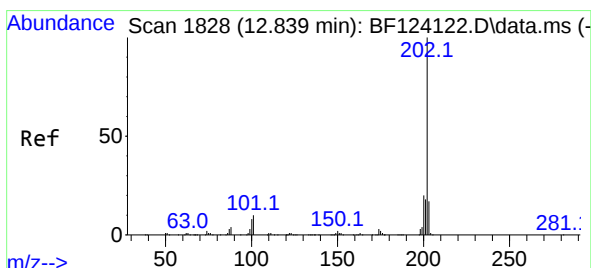
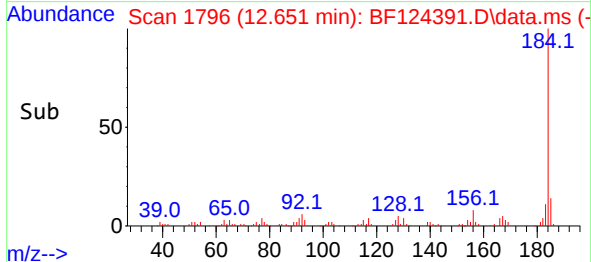
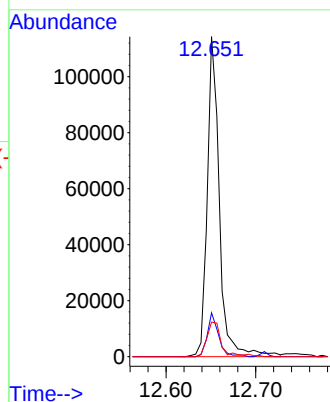
Instrument :  
BNA\_F  
ClientSampled :  
SB-8MSD



Tgt Ion:184 Resp: 106990  
Ion Ratio Lower Upper  
184 100  
185 13.7 12.1 18.1  
183 10.8 7.8 11.8

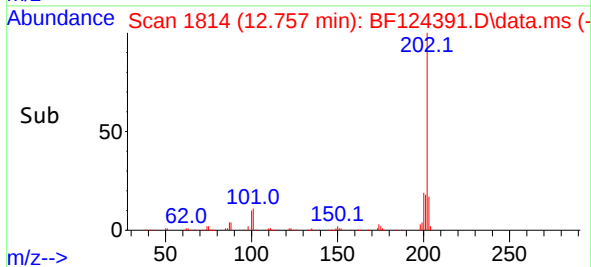
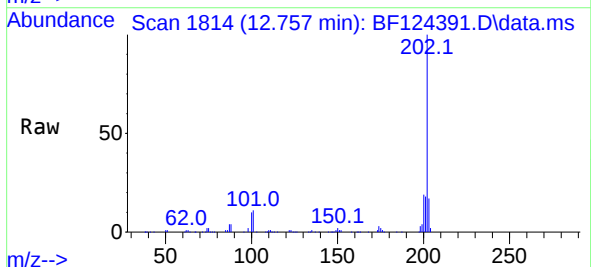
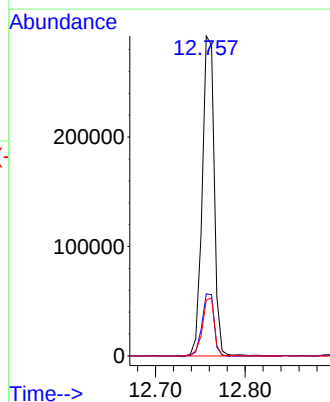
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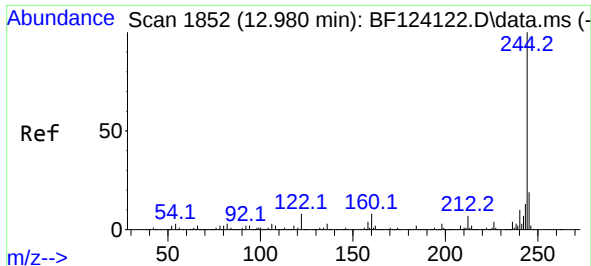
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#78  
Pyrene  
Concen: 41.053 ng  
RT: 12.757 min Scan# 1814  
Delta R.T. -0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

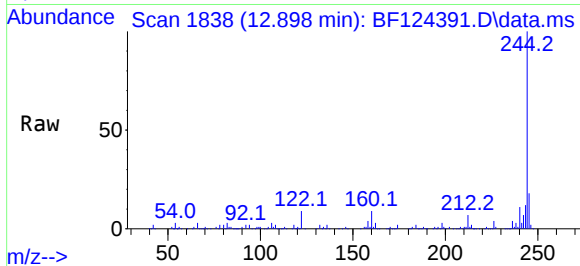
Tgt Ion:202 Resp: 271230  
Ion Ratio Lower Upper  
202 100  
200 19.4 16.1 24.1  
203 17.5 14.8 22.2





#79  
Terphenyl-d14  
Concen: 43.761 ng  
RT: 12.898 min Scan# 1838  
Delta R.T. -0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

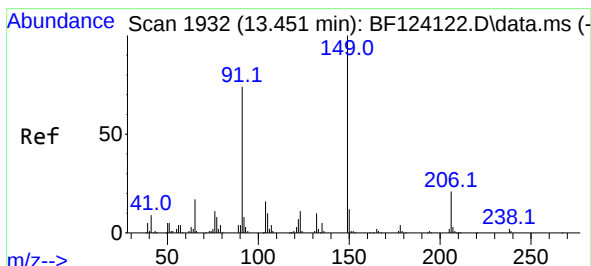
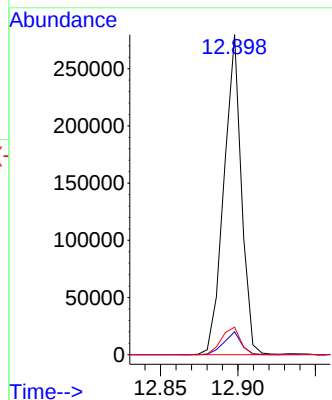
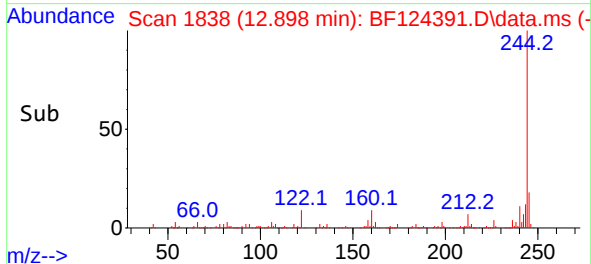
Instrument :  
BNA\_F  
ClientSampleId :  
SB-8MSD



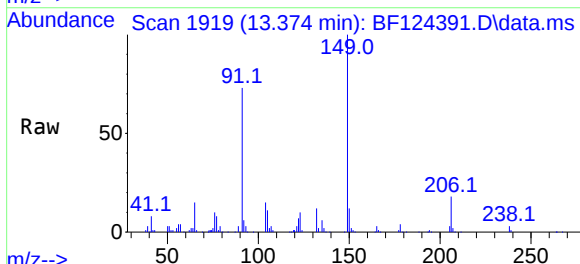
Tgt Ion:244 Resp: 219298  
Ion Ratio Lower Upper  
244 100  
212 7.2 5.7 8.5  
122 8.6 9.7 14.5#

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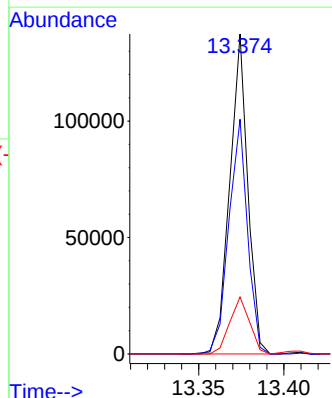
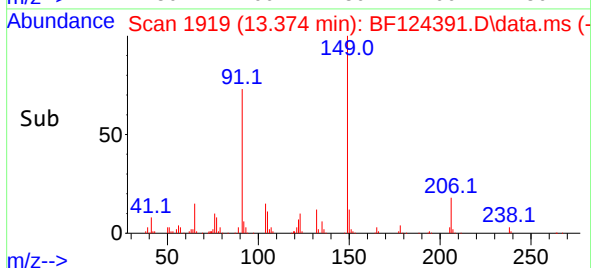
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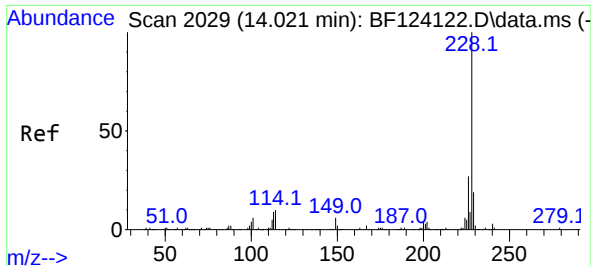


#80  
Butylbenzylphthalate  
Concen: 37.825 ng  
RT: 13.374 min Scan# 1919  
Delta R.T. -0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48



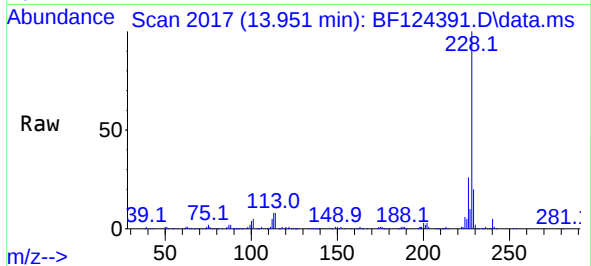
Tgt Ion:149 Resp: 101376  
Ion Ratio Lower Upper  
149 100  
91 73.4 63.6 95.4  
206 17.8 14.5 21.7





#81  
Benzo(a)anthracene  
Concen: 45.264 ng  
RT: 13.951 min Scan# 2017  
Delta R.T. -0.000 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

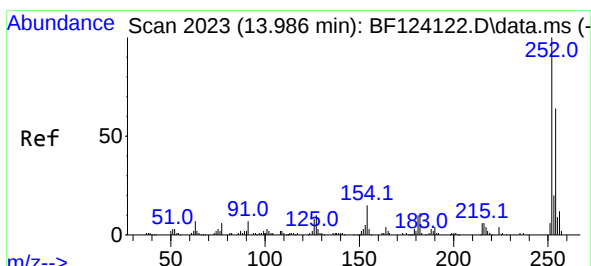
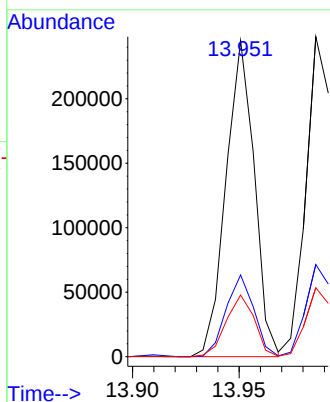
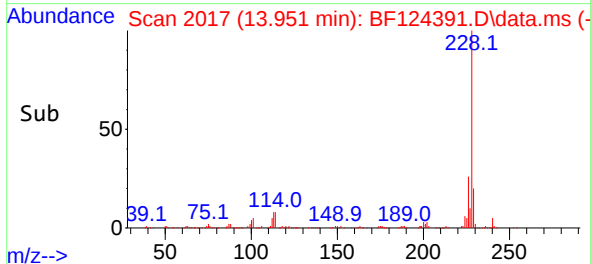
Instrument :  
BNA\_F  
ClientSampled :  
SB-8MSD



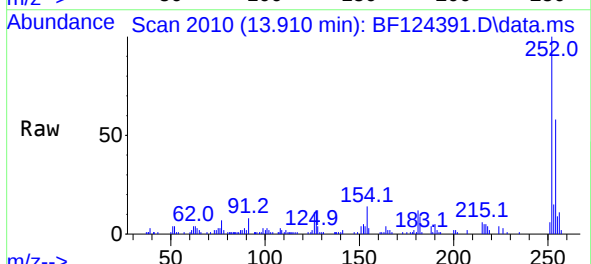
Tgt Ion:228 Resp: 226873  
Ion Ratio Lower Upper  
228 100  
226 25.9 22.4 33.6  
229 19.5 16.0 24.0

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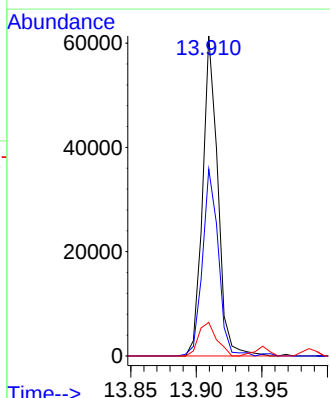
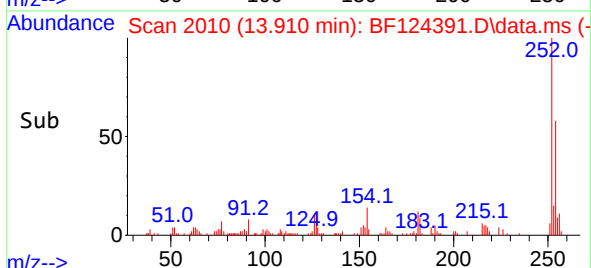
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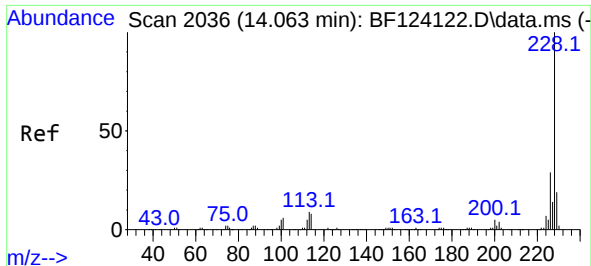


#82  
3,3'-Dichlorobenzidine  
Concen: 33.661 ng  
RT: 13.910 min Scan# 2010  
Delta R.T. -0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48



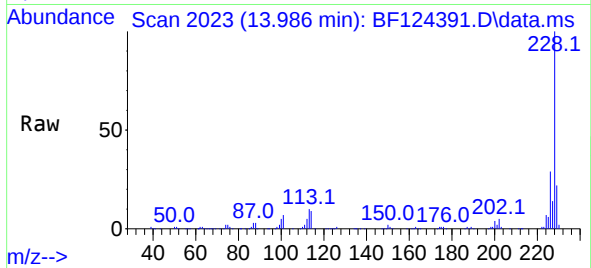
Tgt Ion:252 Resp: 49495  
Ion Ratio Lower Upper  
252 100  
254 58.4 51.1 76.7  
126 10.5 7.7 11.5





#83  
Chrysene  
Concen: 43.865 ng  
RT: 13.986 min Scan# 2023  
Delta R.T. -0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

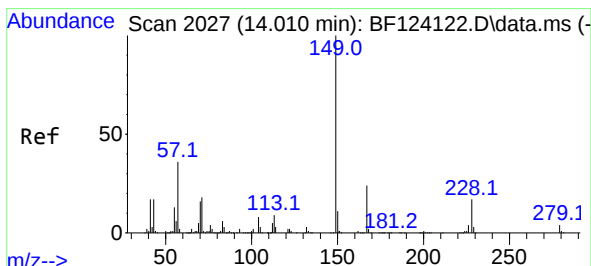
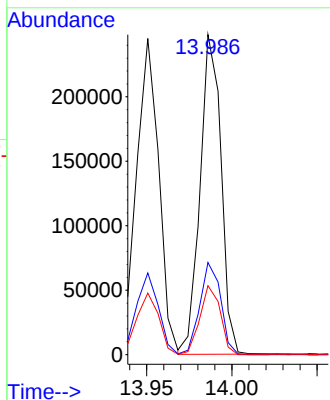
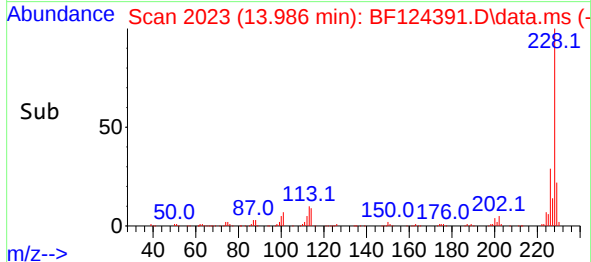
Instrument :  
BNA\_F  
ClientSampleId :  
SB-8MSD



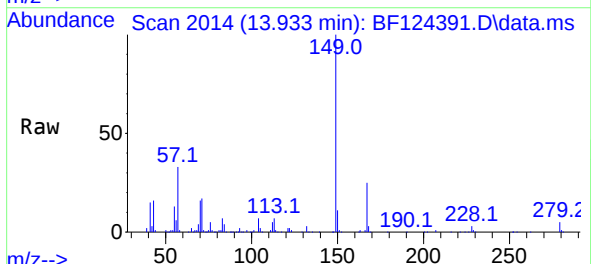
Tgt Ion:228 Resp: 212121  
Ion Ratio Lower Upper  
228 100  
226 28.8 24.3 36.5  
229 21.5 16.2 24.2

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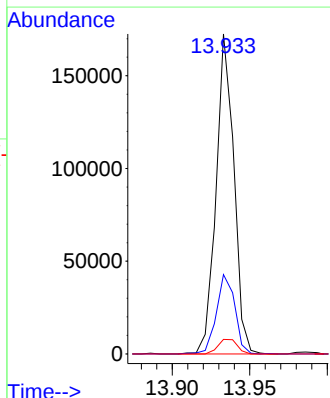
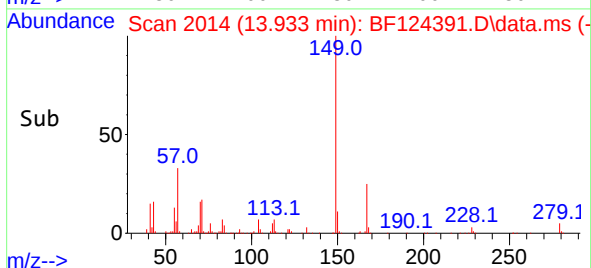
mohammad  
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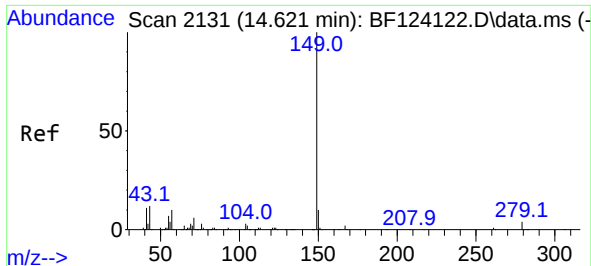


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 43.261 ng  
RT: 13.933 min Scan# 2014  
Delta R.T. -0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48



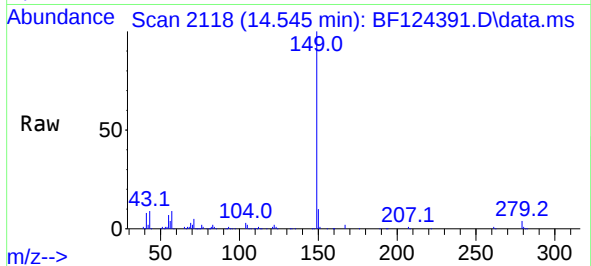
Tgt Ion:149 Resp: 137920  
Ion Ratio Lower Upper  
149 100  
167 24.8 21.8 32.6  
279 4.5 3.3 4.9





#85  
Di-n-octyl phthalate  
Concen: 57.393 ng  
RT: 14.545 min Scan# 2118  
Delta R.T. -0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

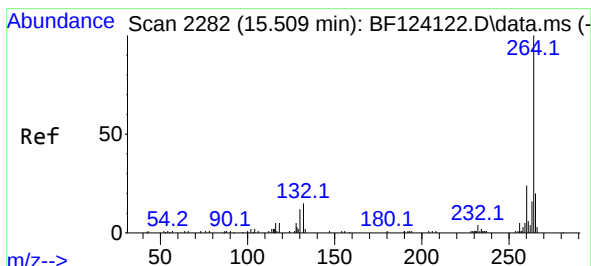
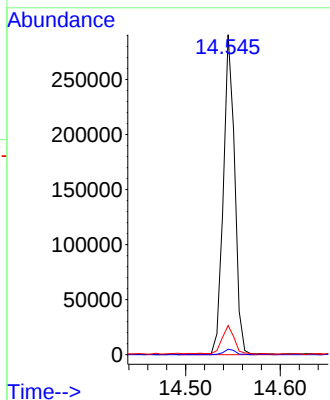
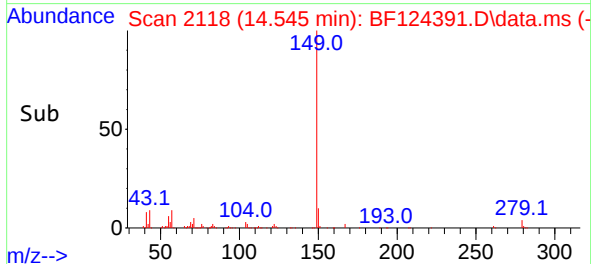
Instrument :  
BNA\_F  
ClientSampleID :  
SB-8MSD



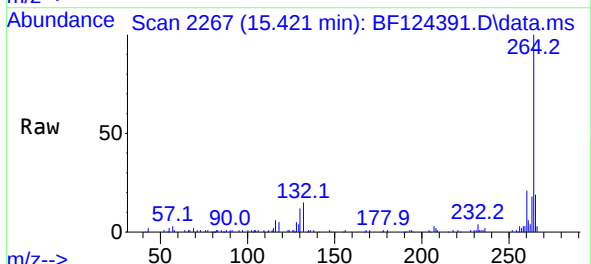
Tgt Ion:149 Resp: 244192  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.2 1.8  
43 9.5 11.8 17.6#

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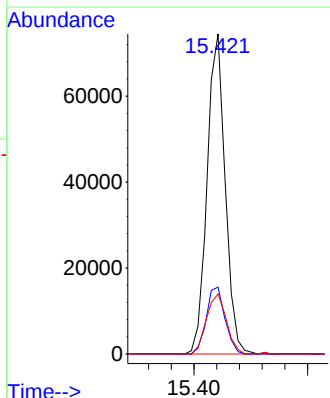
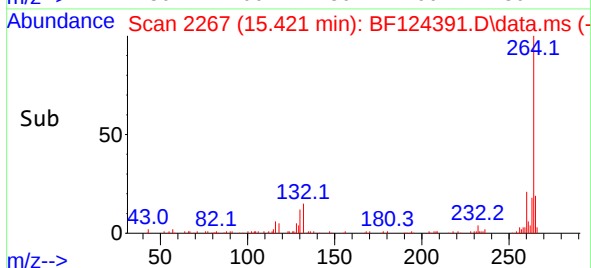
mohammad  
6/23/2021 11:30:04 AM

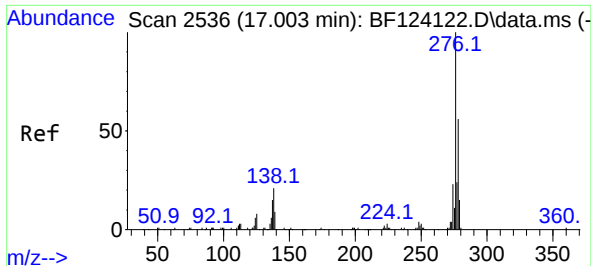


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.421 min Scan# 2267  
Delta R.T. 0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48



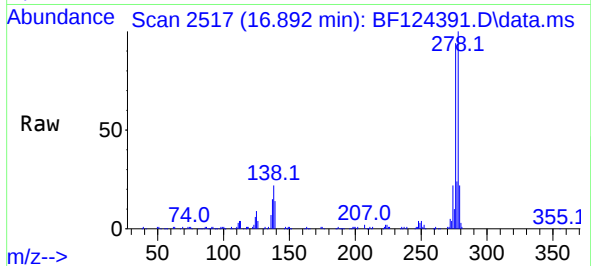
Tgt Ion:264 Resp: 82316  
Ion Ratio Lower Upper  
264 100  
260 20.9 18.7 28.1  
265 18.7 17.8 26.8





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 43.388 ng  
RT: 16.892 min Scan# 2517  
Delta R.T. 0.018 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

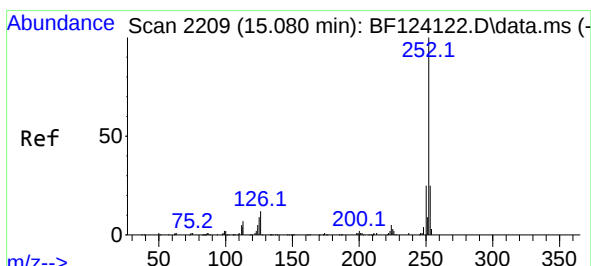
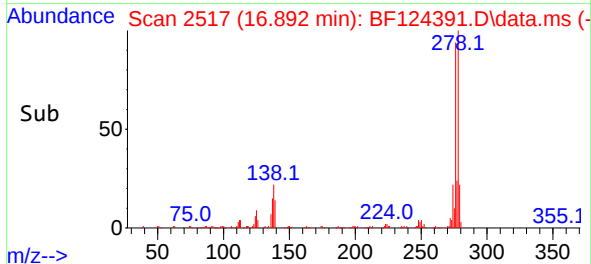
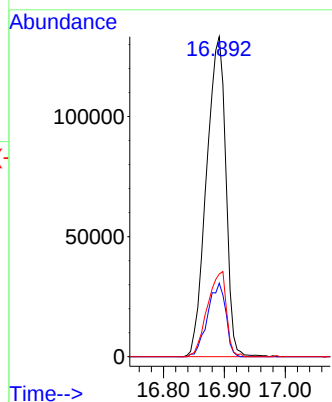
Instrument :  
BNA\_F  
ClientSampleId :  
SB-8MSD



Tgt Ion:276 Resp: 294120  
Ion Ratio Lower Upper  
276 100  
138 21.6 16.2 24.2  
277 26.2 20.1 30.1

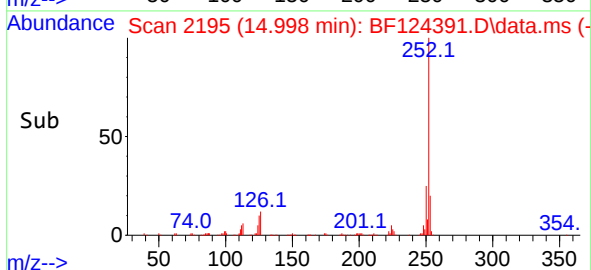
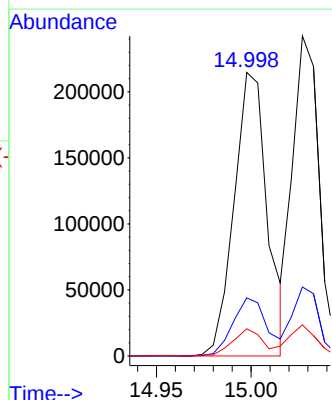
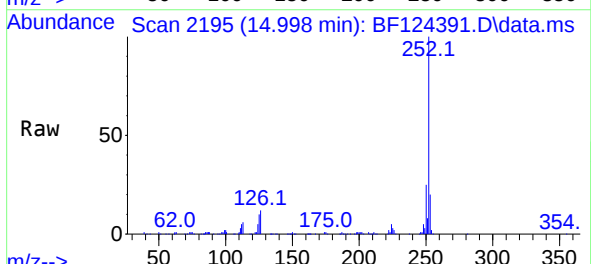
Manual Integrations  
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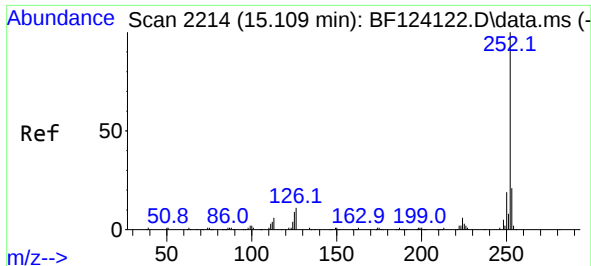
mohammad  
6/23/2021 11:30:04 AM



#88  
Benzo(b)fluoranthene  
Concen: 41.151 ng  
RT: 14.998 min Scan# 2195  
Delta R.T. -0.000 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

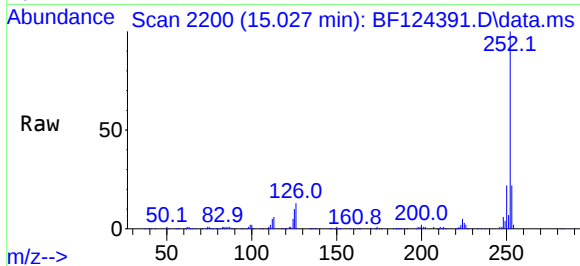
Tgt Ion:252 Resp: 263134  
Ion Ratio Lower Upper  
252 100  
253 20.5 18.1 27.1  
125 9.6 6.2 9.4#





#89  
Benzo(k)fluoranthene  
Concen: 38.528 ng  
RT: 15.027 min Scan# 2200  
Delta R.T. -0.000 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

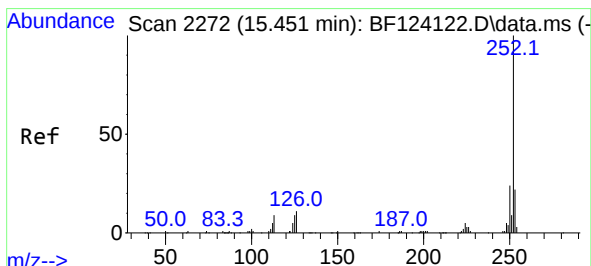
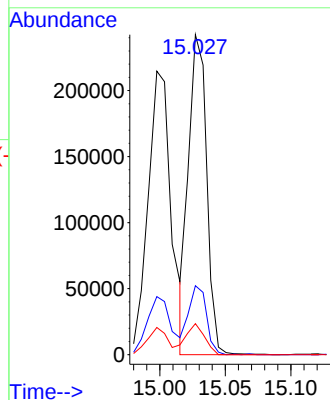
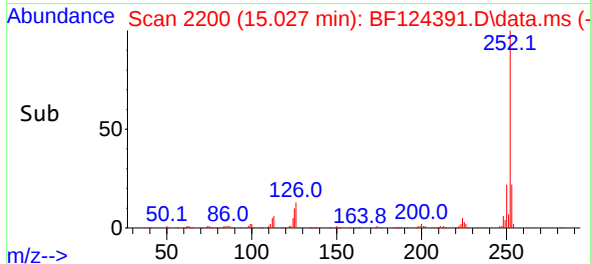
Instrument :  
BNA\_F  
ClientSampleId :  
SB-8MSD



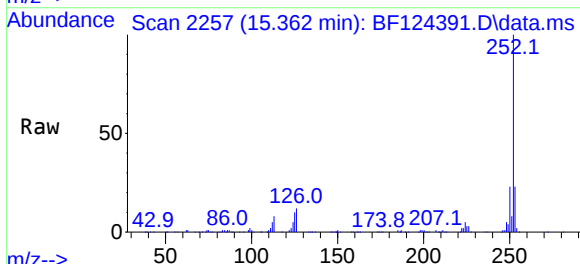
Tgt Ion:252 Resp: 233225  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.9 26.9  
125 9.7 7.0 10.6

Manual Integrations  
APPROVED

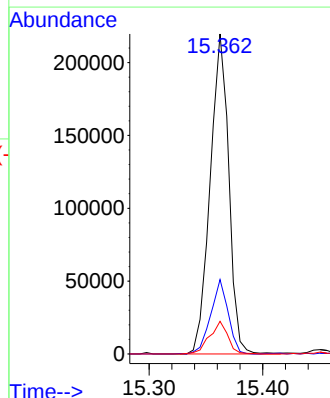
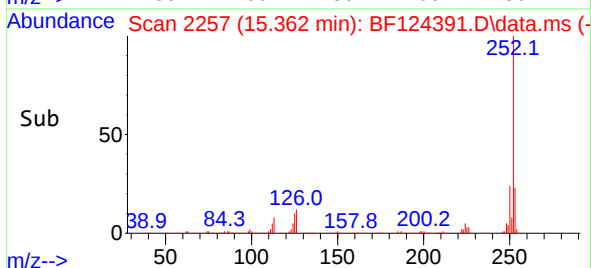
mohammad  
6/23/2021 11:30:04 AM

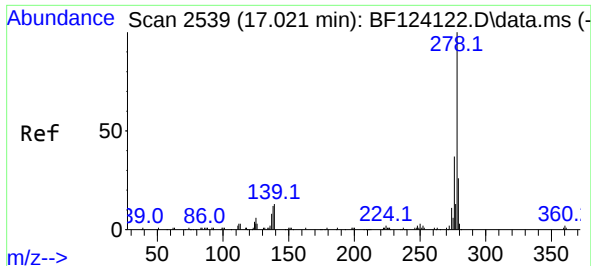


#90  
Benzo(a)pyrene  
Concen: 44.986 ng  
RT: 15.362 min Scan# 2257  
Delta R.T. 0.006 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48



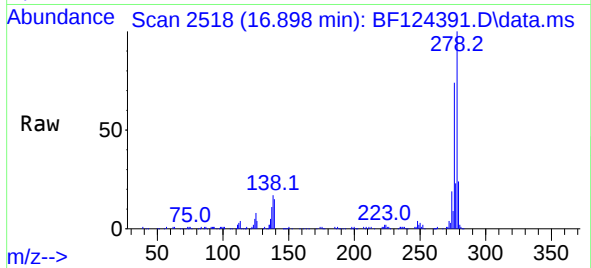
Tgt Ion:252 Resp: 249851  
Ion Ratio Lower Upper  
252 100  
253 23.3 18.4 27.6  
125 10.2 8.0 12.0





#91  
Dibenzo(a,h)anthracene  
Concen: 42.586 ng  
RT: 16.898 min Scan# 2518  
Delta R.T. 0.012 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48

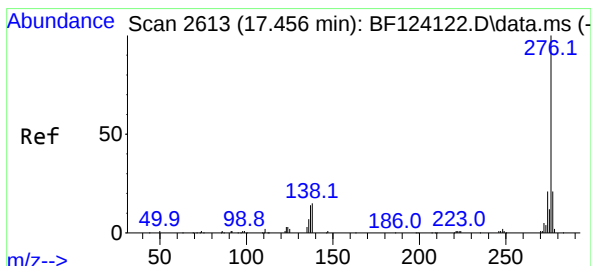
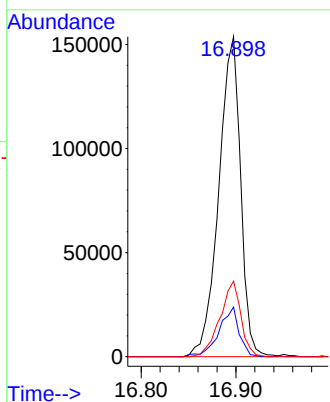
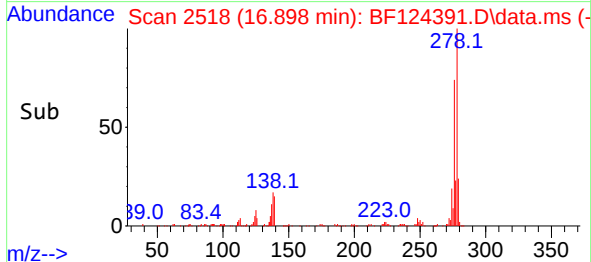
Instrument :  
BNA\_F  
ClientSampleId :  
SB-8MSD



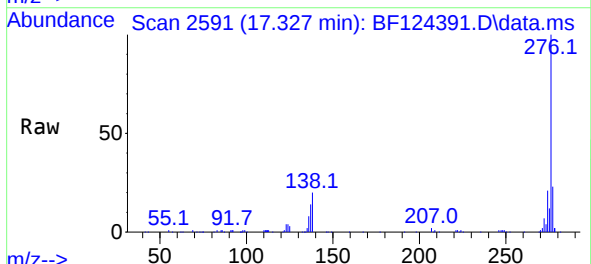
Tgt Ion:278 Resp: 245968  
Ion Ratio Lower Upper  
278 100  
139 15.5 10.2 15.2#  
279 23.6 19.4 29.0

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#92  
Benzo(g,h,i)perylene  
Concen: 42.299 ng  
RT: 17.327 min Scan# 2591  
Delta R.T. 0.012 min  
Lab File: BF124391.D  
Acq: 21 Jun 2021 13:48



Tgt Ion:276 Resp: 241234  
Ion Ratio Lower Upper  
276 100  
277 23.4 18.2 27.2  
138 19.6 13.8 20.6

