

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072321\  
 Data File : BF124716.D  
 Acq On : 23 Jul 2021 16:46  
 Operator : JU/CG  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
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 7/27/2021 12:04:05 PM

Quant Time: Jul 23 17:12:22 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF072221.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 22 15:28:57 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.875  | 152  | 8960     | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.157  | 136  | 34232    | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.910  | 164  | 18379    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.398 | 188  | 32450    | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.039 | 240  | 20655    | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 15.504 | 264  | 15898    | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.487  | 112  | 44127    | 83.386 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.498  | 99   | 53481    | 80.614 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.439  | 82   | 46248    | 80.409 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.704 | 330  | 13035    | 82.604 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.233  | 172  | 98083    | 78.383 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.986 | 244  | 100099   | 83.072 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.675  | 88   | 8176     | 44.200 | ng    | # 100    |
| 3) Pyridine                   | 3.428  | 79   | 18928    | 43.225 | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.393  | 42   | 14763    | 42.631 | ng    | # 97     |
| 6) Aniline                    | 6.540  | 93   | 29241    | 42.888 | ng    | 96       |
| 8) 2-Chlorophenol             | 6.657  | 128  | 24361    | 40.815 | ng    | 98       |
| 9) Benzaldehyde               | 6.422  | 77   | 13358    | 37.398 | ng    | 92       |
| 10) Phenol                    | 6.516  | 94   | 26517m   | 41.739 | ng    |          |
| 11) bis(2-Chloroethyl)ether   | 6.610  | 93   | 20953    | 41.596 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.816  | 146  | 26574    | 40.964 | ng    | 95       |
| 13) 1,4-Dichlorobenzene       | 6.892  | 146  | 26812    | 41.314 | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 7.045  | 146  | 25708    | 40.998 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.016  | 79   | 18887    | 43.293 | ng    | 93       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.145  | 45   | 34924    | 41.193 | ng    | 97       |
| 17) 2-Methylphenol            | 7.116  | 107  | 17941    | 41.260 | ng    | 93       |
| 18) Hexachloroethane          | 7.387  | 117  | 10483    | 42.616 | ng    | # 88     |
| 19) n-Nitroso-di-n-propyla... | 7.292  | 70   | 15344    | 43.313 | ng    | 90       |
| 20) 3+4-Methylphenols         | 7.275  | 107  | 22998    | 40.031 | ng    | 95       |
| 22) Acetophenone              | 7.287  | 105  | 31363    | 39.536 | ng    | # 98     |
| 24) Nitrobenzene              | 7.457  | 77   | 22471    | 39.850 | ng    | 98       |
| 25) Isophorone                | 7.698  | 82   | 40171    | 39.499 | ng    | 95       |
| 26) 2-Nitrophenol             | 7.769  | 139  | 13029    | 41.717 | ng    | 94       |
| 27) 2,4-Dimethylphenol        | 7.804  | 122  | 19750    | 41.097 | ng    | 94       |
| 28) bis(2-Chloroethoxy)met... | 7.904  | 93   | 23666    | 40.044 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.010  | 162  | 20547    | 40.370 | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 8.098  | 180  | 22082    | 39.585 | ng    | 98       |
| 31) Naphthalene               | 8.181  | 128  | 70642    | 39.543 | ng    | 97       |
| 32) Benzoic acid              | 7.934  | 122  | 15585    | 41.898 | ng    | 93       |
| 33) 4-Chloroaniline           | 8.222  | 127  | 27196    | 40.484 | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.292  | 225  | 13289    | 39.853 | ng    | 96       |
| 35) Caprolactam               | 8.610  | 113  | 5279m    | 39.906 | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.704  | 107  | 20207    | 41.624 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.869  | 142  | 46689    | 39.115 | ng    | 97       |
| 38) 1-Methylnaphthalene       | 8.969  | 142  | 44256    | 39.137 | ng    | 96       |
| 40) 1,2,4,5-Tetrachloroben... | 9.034  | 216  | 20495    | 39.967 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.022  | 237  | 12679    | 41.791 | ng    | 95       |
| 43) 2,4,6-Trichlorophenol     | 9.145  | 196  | 14305    | 39.296 | ng    | 91       |

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 QLast Update : Thu Jul 22 15:28:57 2021  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.181  | 196  | 15013    | 40.165 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.333  | 154  | 53842    | 39.246 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.357  | 162  | 42968    | 39.564 | ng    | 97       |
| 48) 2-Nitroaniline            | 9.451  | 65   | 11689    | 41.104 | ng    | 99       |
| 49) Acenaphthylene            | 9.775  | 152  | 67122    | 40.077 | ng    | 99       |
| 50) Dimethylphthalate         | 9.639  | 163  | 49566    | 39.167 | ng    | # 98     |
| 51) 2,6-Dinitrotoluene        | 9.698  | 165  | 11343    | 40.571 | ng    | 98       |
| 52) Acenaphthene              | 9.945  | 154  | 44576    | 40.149 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.869  | 138  | 11487    | 39.054 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 9.969  | 184  | 6599     | 40.818 | ng    | # 81     |
| 55) Dibenzofuran              | 10.122 | 168  | 62023    | 39.094 | ng    | 97       |
| 56) 4-Nitrophenol             | 10.016 | 139  | 9586     | 41.270 | ng    | 88       |
| 57) 2,4-Dinitrotoluene        | 10.098 | 165  | 15027    | 39.607 | ng    | # 95     |
| 58) Fluorene                  | 10.463 | 166  | 46500    | 38.207 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.233 | 232  | 12254    | 41.511 | ng    | # 95     |
| 60) Diethylphthalate          | 10.333 | 149  | 51517    | 39.147 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.451 | 204  | 22799    | 38.751 | ng    | 97       |
| 62) 4-Nitroaniline            | 10.480 | 138  | 11317    | 38.885 | ng    | 87       |
| 63) Azobenzene                | 10.616 | 77   | 46490    | 39.932 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198  | 8826     | 41.998 | ng    | # 74     |
| 66) n-Nitrosodiphenylamine    | 10.575 | 169  | 40836    | 38.833 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 10.945 | 248  | 13211    | 38.387 | ng    | 91       |
| 68) Hexachlorobenzene         | 11.010 | 284  | 14078    | 39.388 | ng    | # 87     |
| 69) Atrazine                  | 11.098 | 200  | 12149    | 37.999 | ng    | 92       |
| 70) Pentachlorophenol         | 11.198 | 266  | 9292     | 41.808 | ng    | 95       |
| 71) Phenanthrene              | 11.427 | 178  | 67243    | 38.528 | ng    | 98       |
| 72) Anthracene                | 11.475 | 178  | 66250    | 37.970 | ng    | 99       |
| 73) Carbazole                 | 11.627 | 167  | 61896    | 37.845 | ng    | 98       |
| 74) Di-n-butylphthalate       | 11.957 | 149  | 82535    | 37.887 | ng    | 99       |
| 75) Fluoranthene              | 12.610 | 202  | 67680    | 38.001 | ng    | 98       |
| 77) Benzidine                 | 12.727 | 184  | 25461    | 43.714 | ng    | 97       |
| 78) Pyrene                    | 12.839 | 202  | 69333    | 42.400 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.457 | 149  | 31884    | 40.710 | ng    | 97       |
| 81) Benzo(a)anthracene        | 14.027 | 228  | 54251    | 40.181 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 13.986 | 252  | 15123    | 40.361 | ng    | 91       |
| 83) Chrysene                  | 14.068 | 228  | 52046    | 40.012 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.016 | 149  | 45676    | 39.594 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.627 | 149  | 70208    | 37.504 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.980 | 276  | 35658    | 38.850 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.074 | 252  | 44824    | 40.045 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.110 | 252  | 39971    | 39.082 | ng    | 97       |
| 90) Benzo(a)pyrene            | 15.445 | 252  | 36653    | 39.199 | ng    | 96       |
| 91) Dibenzo(a,h)anthracene    | 16.998 | 278  | 30348    | 37.770 | ng    | 95       |
| 92) Benzo(g,h,i)perylene      | 17.427 | 276  | 29398    | 38.583 | ng    | 95       |

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

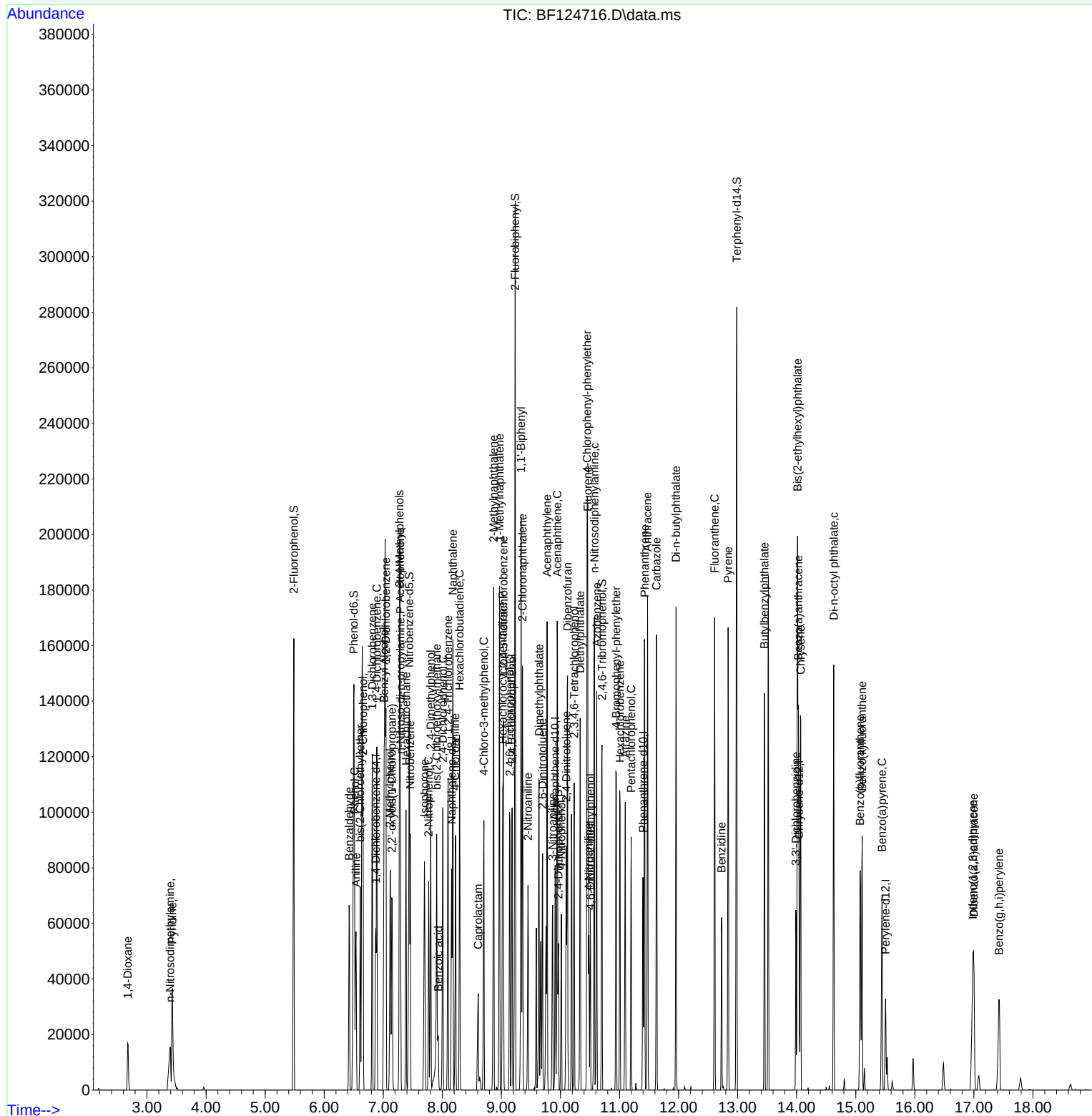
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072321\  
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 Acq On : 23 Jul 2021 16:46  
 Operator : JU/CG  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

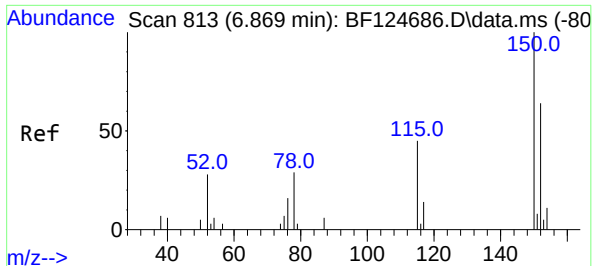
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
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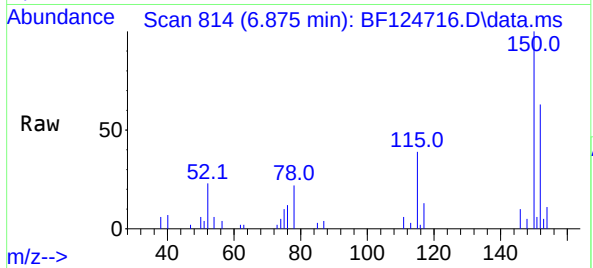
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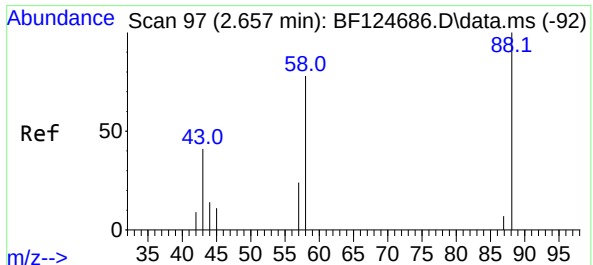
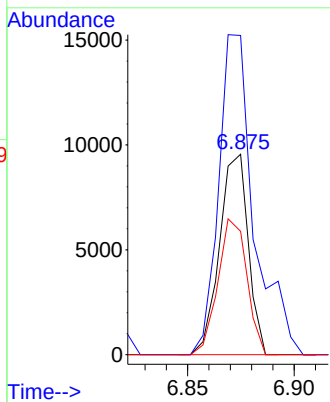
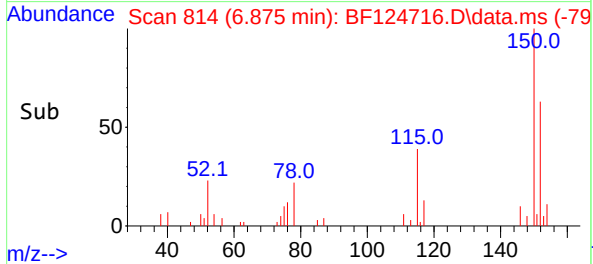




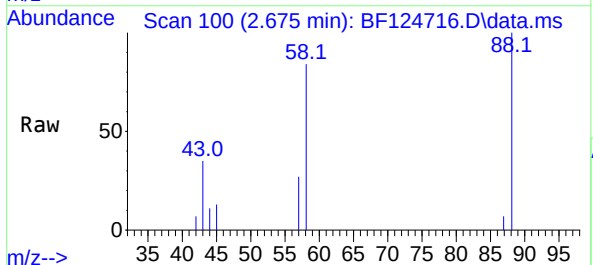
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.875 min Scan# 814  
Delta R.T. 0.006 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46



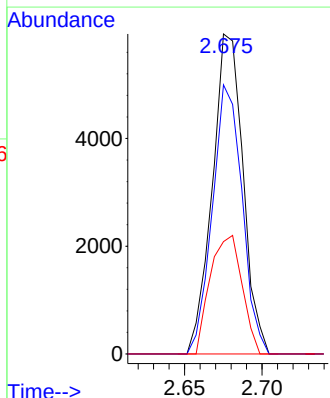
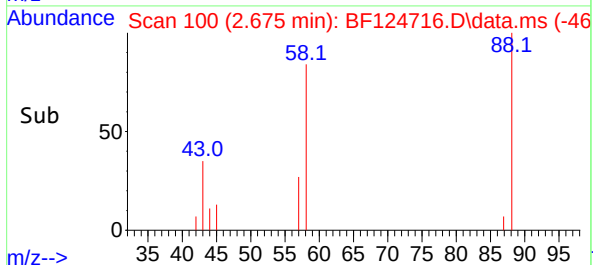
Tgt Ion: 152 Resp: 8960  
Ion Ratio Lower Upper  
152 100  
150 159.2 117.6 176.4  
115 61.6 47.1 70.7



#2  
1,4-Dioxane  
Concen: 44.200 ng  
RT: 2.675 min Scan# 100  
Delta R.T. 0.018 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46



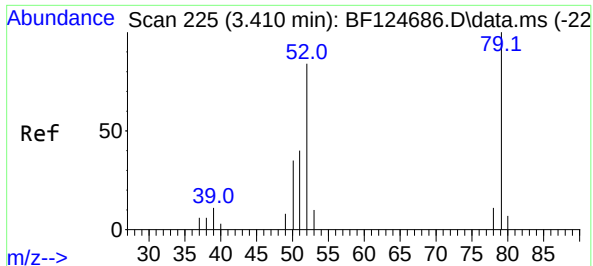
Tgt Ion: 88 Resp: 8176  
Ion Ratio Lower Upper  
88 100  
58 81.6 0.0 0.0#  
43 38.4 0.0 0.0#



Instrument :  
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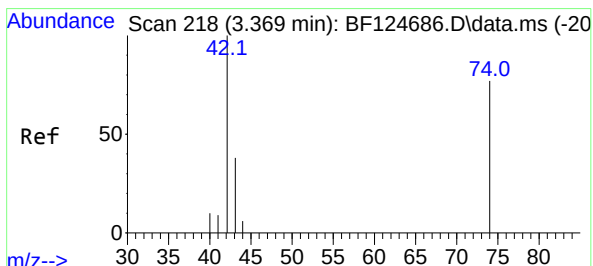
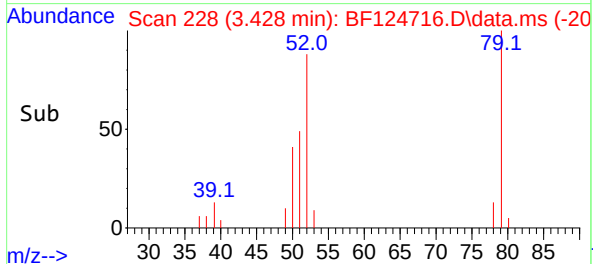
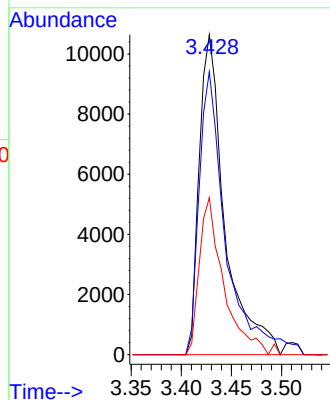
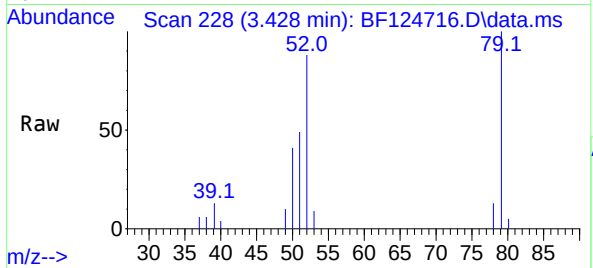
#3  
Pyridine  
Concen: 43.225 ng  
RT: 3.428 min Scan# 228  
Delta R.T. 0.018 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

Tgt Ion: 79 Resp: 18928  
Ion Ratio Lower Upper  
79 100  
52 88.4 70.3 105.5  
51 49.1 44.1 66.1

Instrument :  
BNA\_F  
ClientSampleId :  
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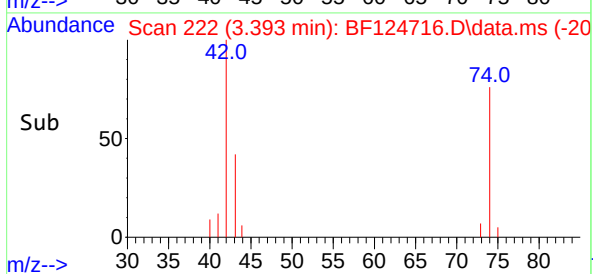
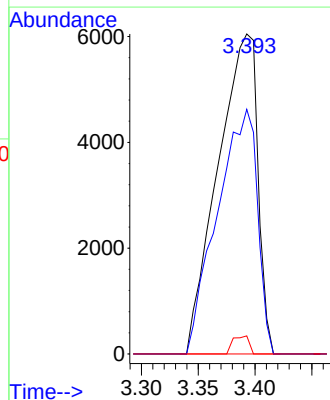
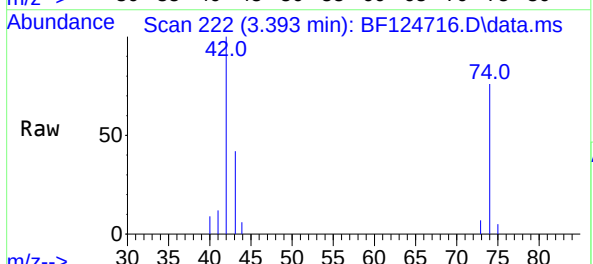
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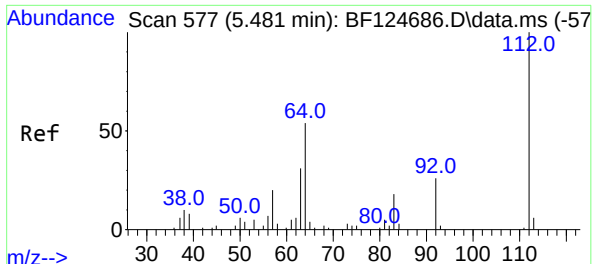
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#4  
n-Nitrosodimethylamine  
Concen: 42.631 ng  
RT: 3.393 min Scan# 222  
Delta R.T. 0.024 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

Tgt Ion: 42 Resp: 14763  
Ion Ratio Lower Upper  
42 100  
74 76.4 59.0 88.6  
44 5.6 0.0 0.0#





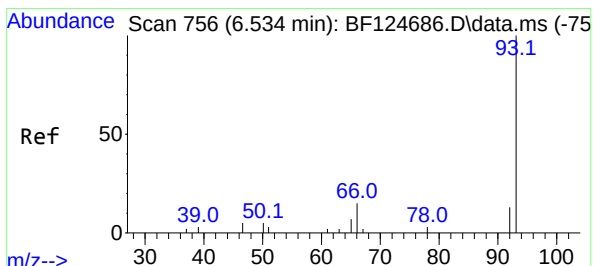
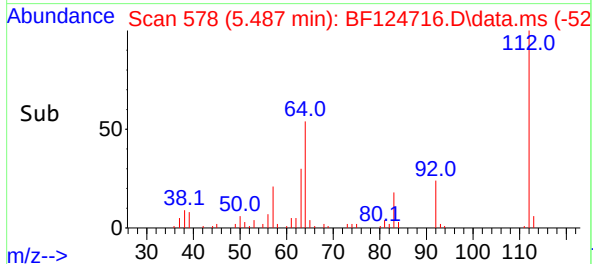
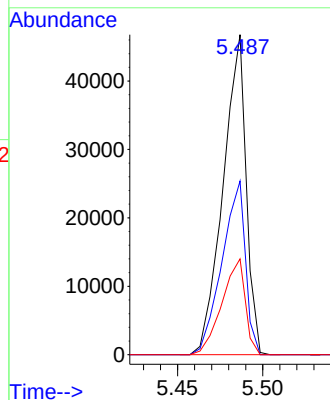
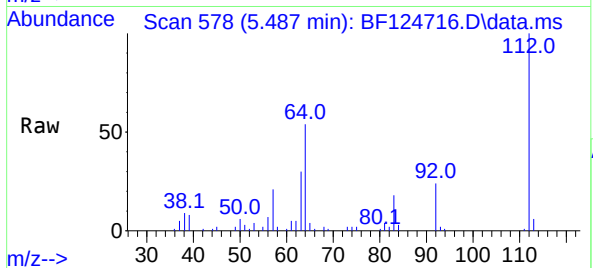
#5  
2-Fluorophenol  
Concen: 83.386 ng  
RT: 5.487 min Scan# 578  
Delta R.T. 0.006 min  
Lab File: BF124716.D  
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Tgt Ion:112 Resp: 44127  
Ion Ratio Lower Upper  
112 100  
64 54.2 44.2 66.2  
63 30.0 26.2 39.2

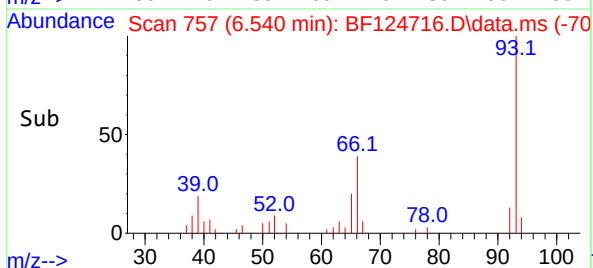
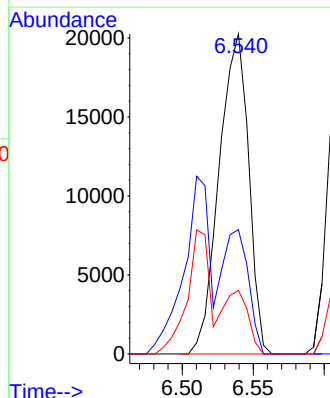
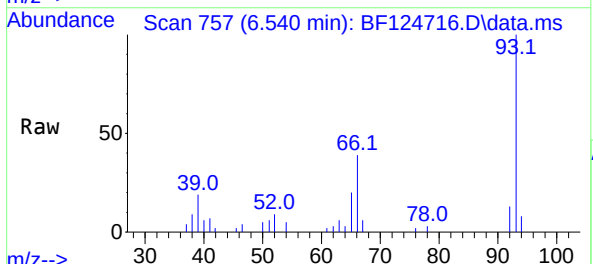
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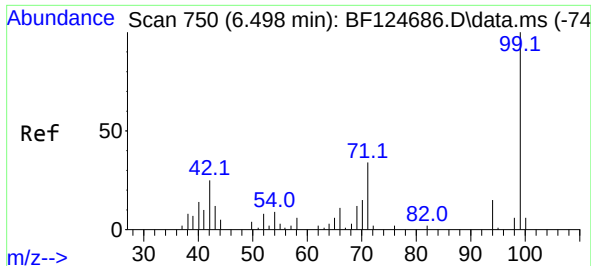
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#6  
Aniline  
Concen: 42.888 ng  
RT: 6.540 min Scan# 757  
Delta R.T. 0.006 min  
Lab File: BF124716.D  
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Tgt Ion: 93 Resp: 29241  
Ion Ratio Lower Upper  
93 100  
66 38.8 32.7 49.1  
65 19.9 14.2 21.4





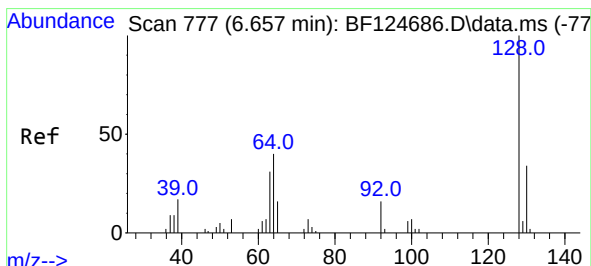
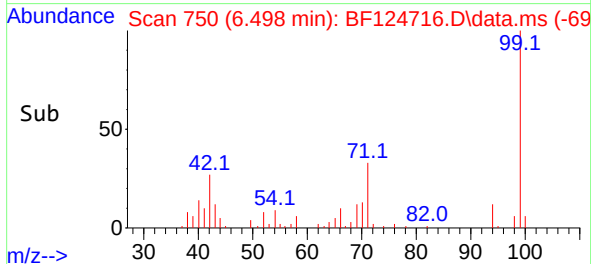
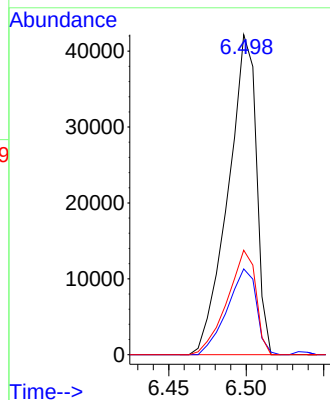
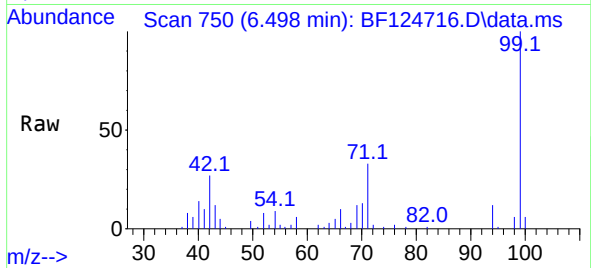
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Phenol-d6  
Concen: 80.614 ng  
RT: 6.498 min Scan# 750  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 53481 |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 26.8  | 23.5  | 35.3  |
| 71       | 32.6  | 25.6  | 38.4  |

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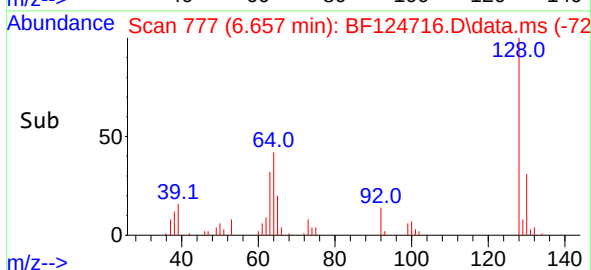
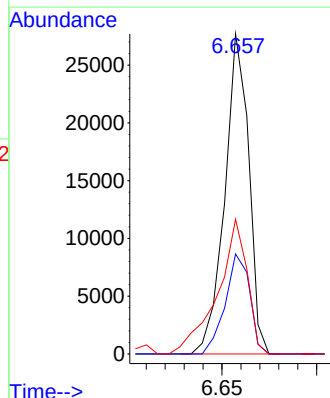
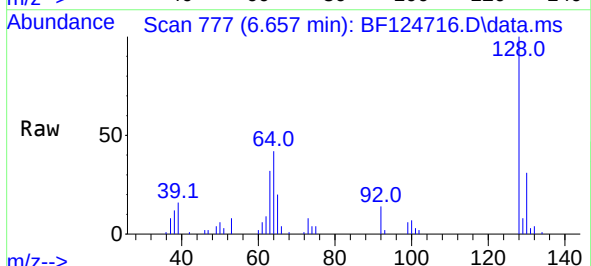
Manual Integrations  
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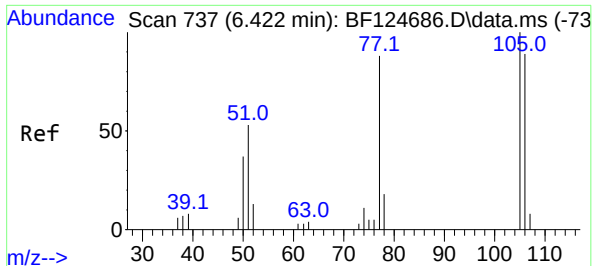
mohammad  
7/27/2021 12:04:05 PM



#8  
2-Chlorophenol  
Concen: 40.815 ng  
RT: 6.657 min Scan# 777  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

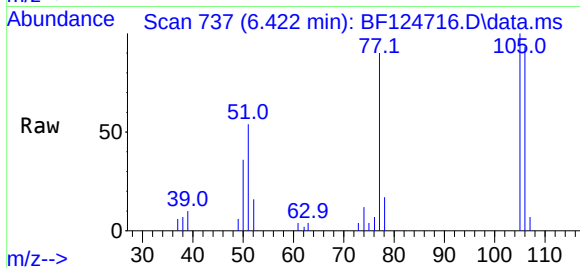
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 24361 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 130      | 31.2  | 10.5  | 50.5  |
| 64       | 42.1  | 20.3  | 60.3  |





#9  
Benzaldehyde  
Concen: 37.398 ng  
RT: 6.422 min Scan# 737  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

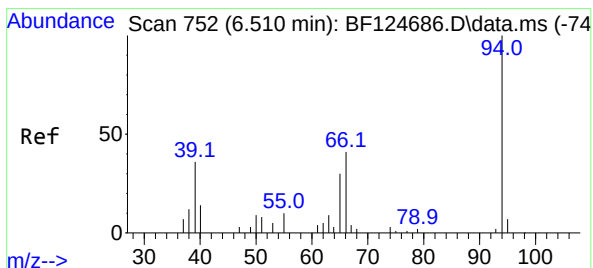
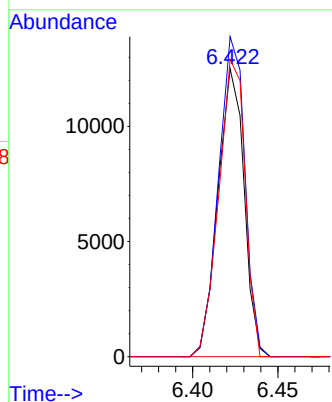
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



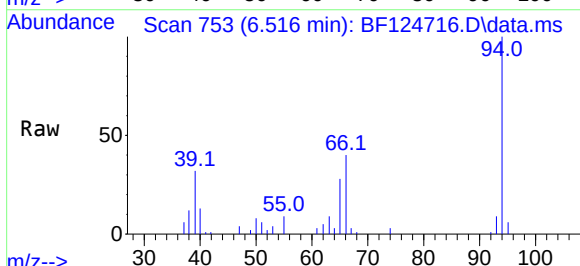
Tgt Ion: 77 Resp: 13358  
Ion Ratio Lower Upper  
77 100  
105 111.1 75.9 115.9  
106 103.2 84.0 124.0

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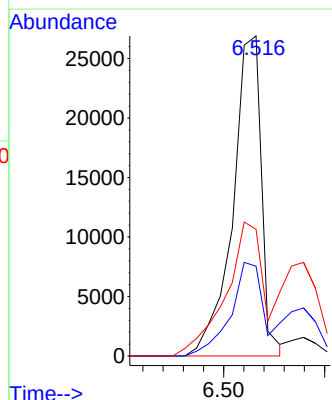
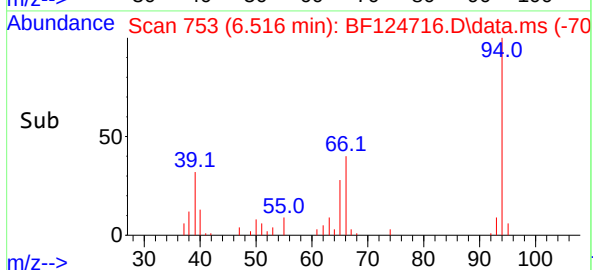
mohammad  
7/27/2021 12:04:05 PM



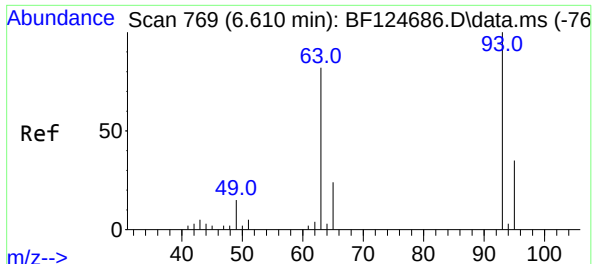
#10  
Phenol  
Concen: 41.739 ng m  
RT: 6.516 min Scan# 753  
Delta R.T. 0.006 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46



Tgt Ion: 94 Resp: 26517  
Ion Ratio Lower Upper  
94 100  
65 28.0 9.3 49.3  
66 39.6 20.3 60.3

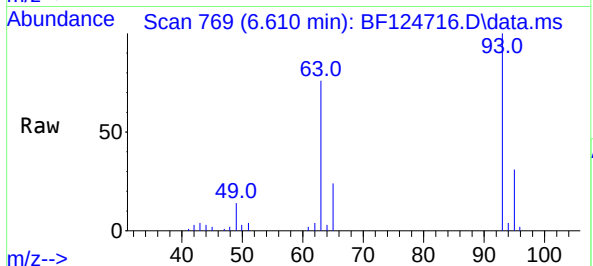






#11  
bis(2-Chloroethyl)ether  
Concen: 41.596 ng  
RT: 6.610 min Scan# 769  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

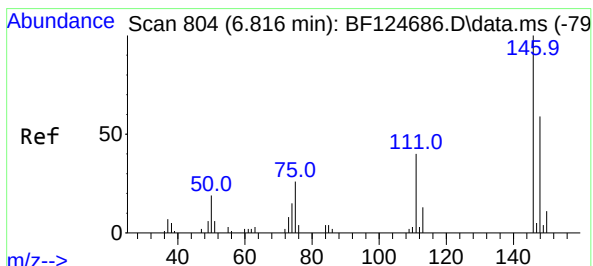
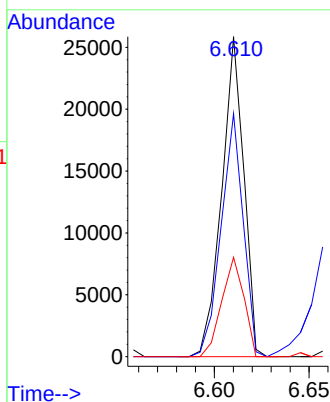
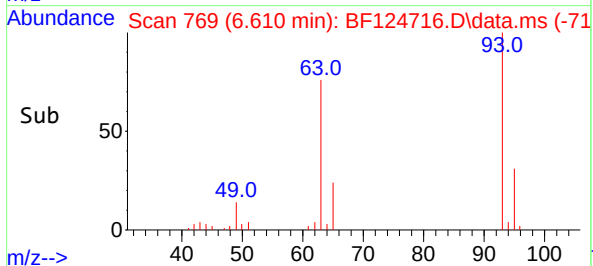
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



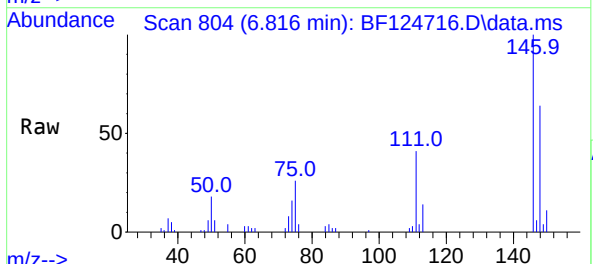
Tgt Ion: 93 Resp: 20953  
Ion Ratio Lower Upper  
93 100  
63 75.9 54.4 94.4  
95 31.0 11.4 51.4

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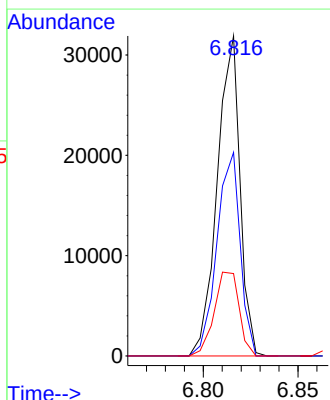
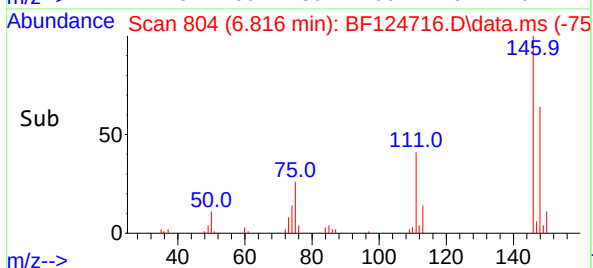
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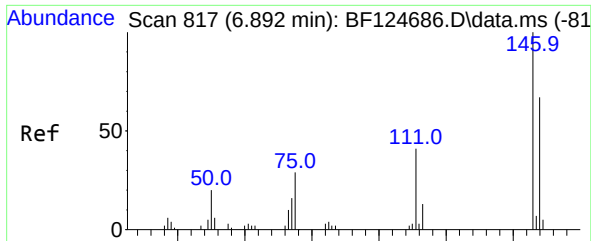


#12  
1,3-Dichlorobenzene  
Concen: 40.964 ng  
RT: 6.816 min Scan# 804  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

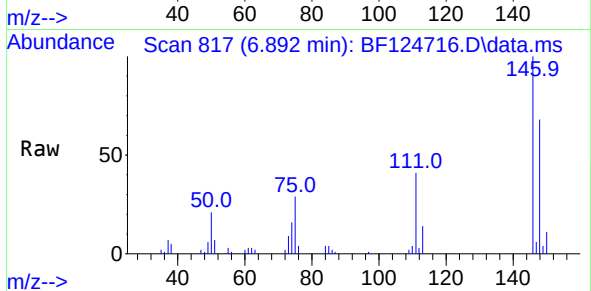


Tgt Ion: 146 Resp: 26574  
Ion Ratio Lower Upper  
146 100  
148 63.6 49.7 74.5  
75 25.8 25.2 37.8

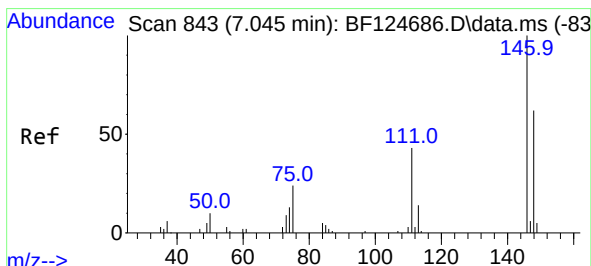
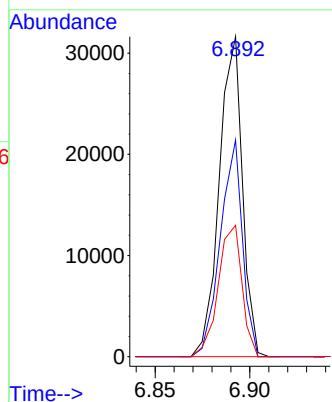
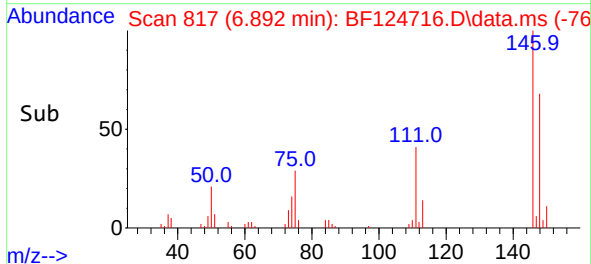




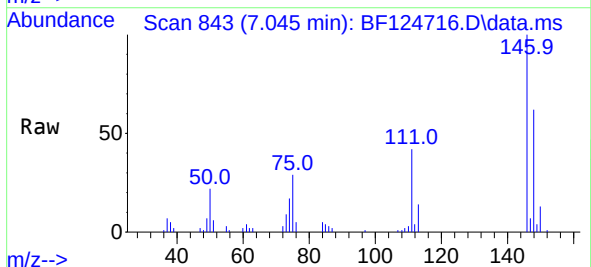
#13  
1,4-Dichlorobenzene  
Concen: 41.314 ng  
RT: 6.892 min Scan# 817  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46



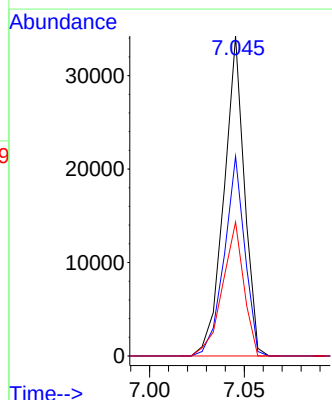
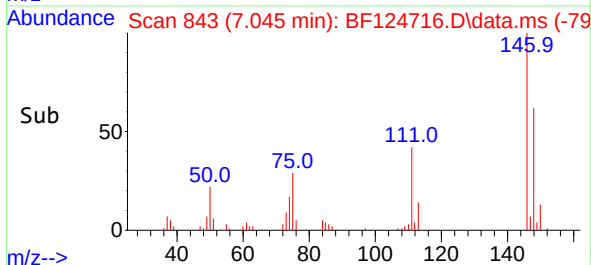
Tgt Ion:146 Resp: 26812  
Ion Ratio Lower Upper  
146 100  
148 67.7 51.9 77.9  
111 41.1 31.8 47.6



#14  
1,2-Dichlorobenzene  
Concen: 40.998 ng  
RT: 7.045 min Scan# 843  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46



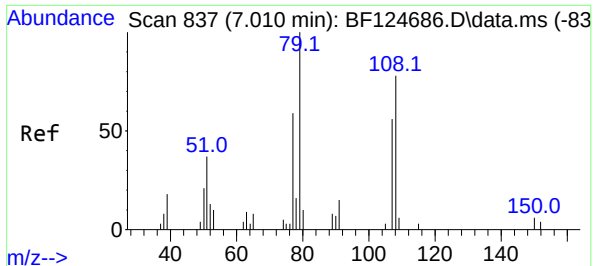
Tgt Ion:146 Resp: 25708  
Ion Ratio Lower Upper  
146 100  
148 62.4 50.6 75.8  
111 41.9 33.5 50.3



Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

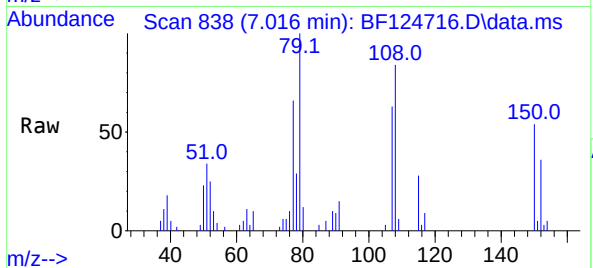
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#15  
Benzyl Alcohol  
Concen: 43.293 ng  
RT: 7.016 min Scan# 838  
Delta R.T. 0.006 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

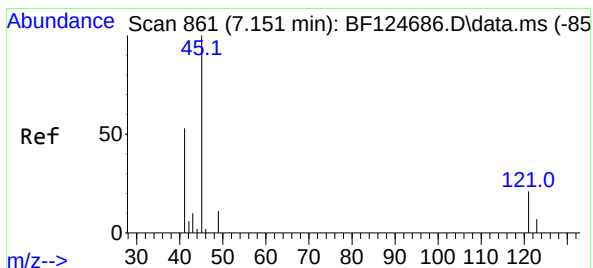
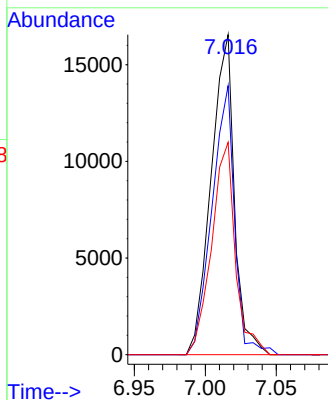
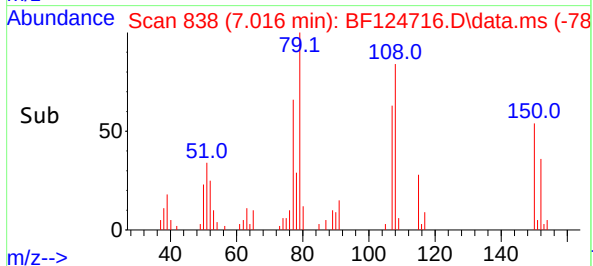
Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040



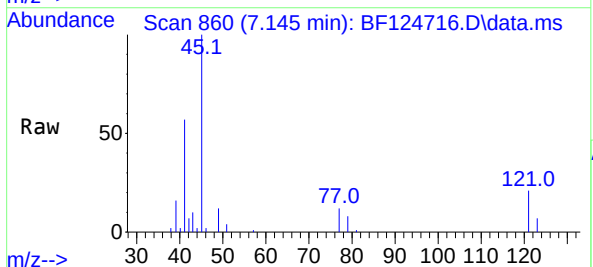
Tgt Ion: 79 Resp: 18887  
Ion Ratio Lower Upper  
79 100  
108 84.1 60.4 90.6  
77 66.3 51.5 77.3

Manual Integrations  
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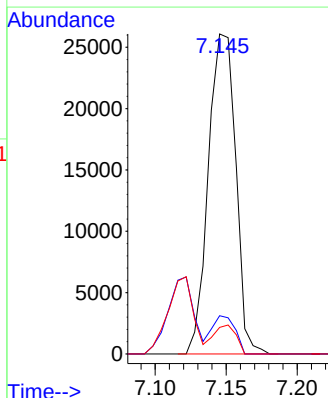
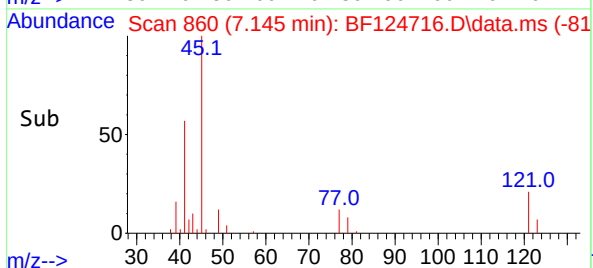
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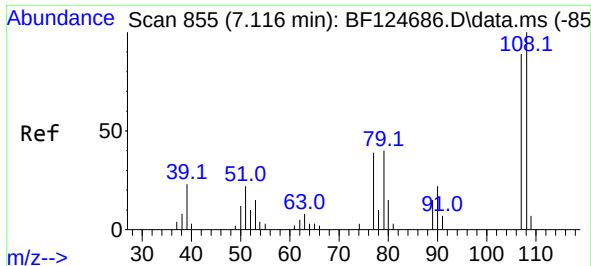


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 41.193 ng  
RT: 7.145 min Scan# 860  
Delta R.T. -0.006 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

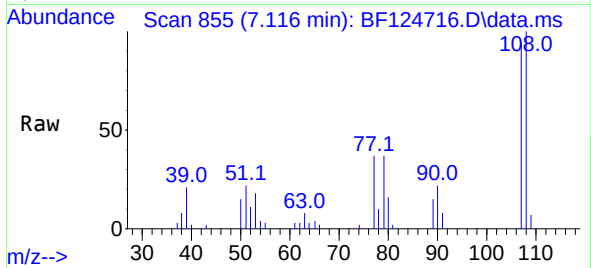


Tgt Ion: 45 Resp: 34924  
Ion Ratio Lower Upper  
45 100  
77 12.0 0.0 30.6  
79 8.3 0.0 27.5

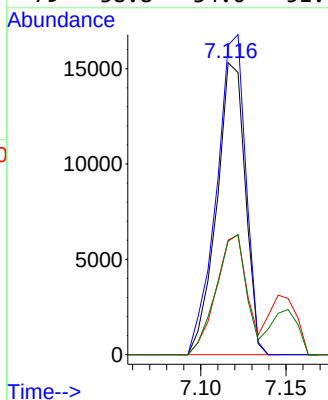




#17  
2-Methylphenol  
Concen: 41.260 ng  
RT: 7.116 min Scan# 855  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46



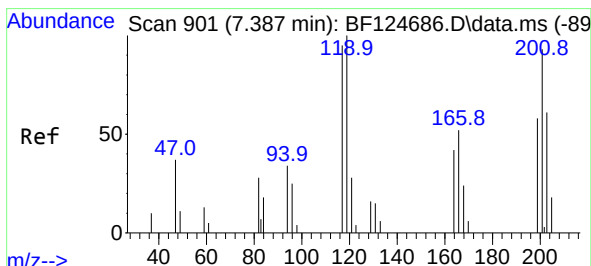
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 17941 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 106.0 | 90.6  | 135.8 |
| 77       | 39.3  | 35.7  | 53.5  |
| 79       | 38.8  | 34.0  | 51.0  |



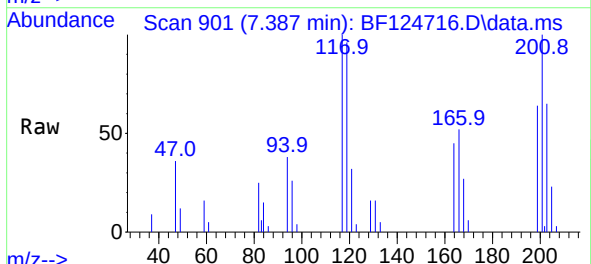
Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040

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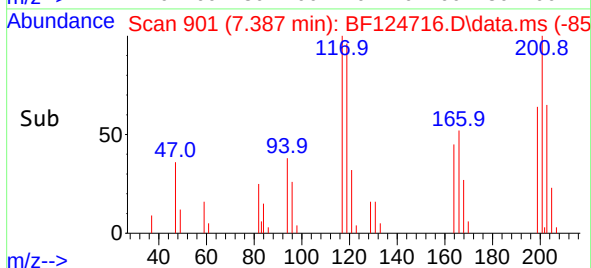
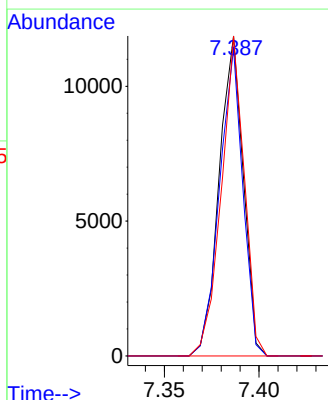
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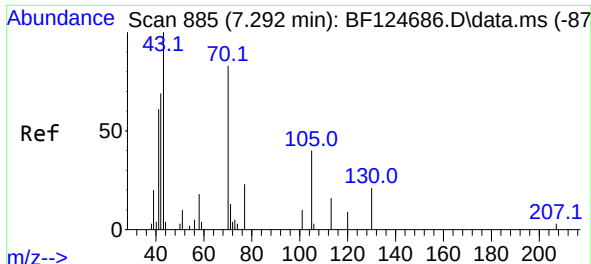


#18  
Hexachloroethane  
Concen: 42.616 ng  
RT: 7.387 min Scan# 901  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46



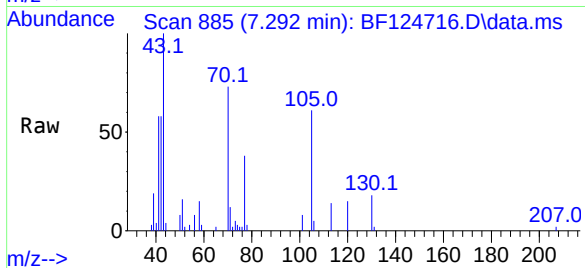
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 10483 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 96.1  | 73.4  | 110.2 |
| 201      | 99.9  | 64.9  | 97.3# |





#19  
n-Nitroso-di-n-propylamine  
Concen: 43.313 ng  
RT: 7.292 min Scan# 885  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

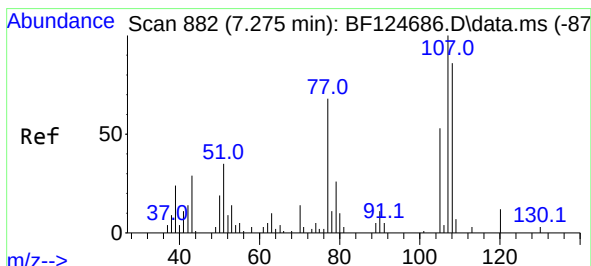
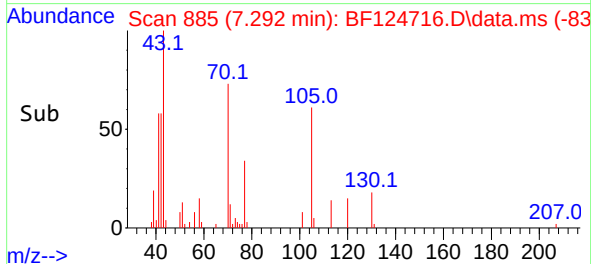
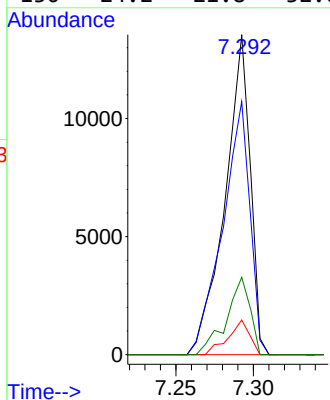
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



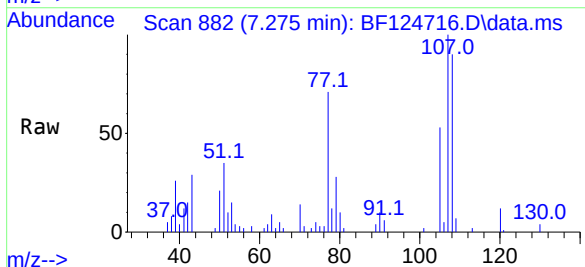
Tgt Ion: 70 Resp: 15344  
Ion Ratio Lower Upper  
70 100  
42 79.1 72.2 108.2  
101 10.9 7.8 11.8  
130 24.2 21.8 32.6

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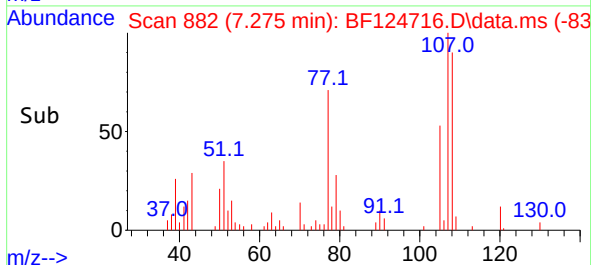
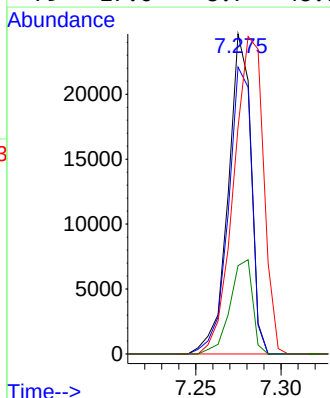
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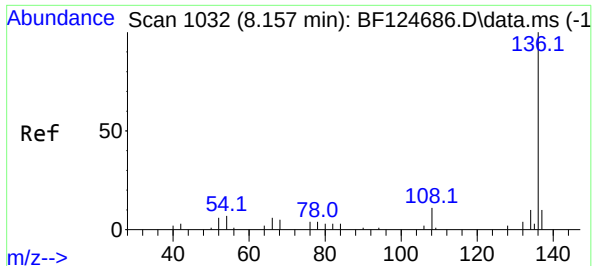


#20  
3+4-Methylphenols  
Concen: 40.031 ng  
RT: 7.275 min Scan# 882  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46



Tgt Ion: 107 Resp: 22998  
Ion Ratio Lower Upper  
107 100  
108 89.6 76.6 116.6  
77 70.9 53.3 93.3  
79 27.6 8.7 48.7





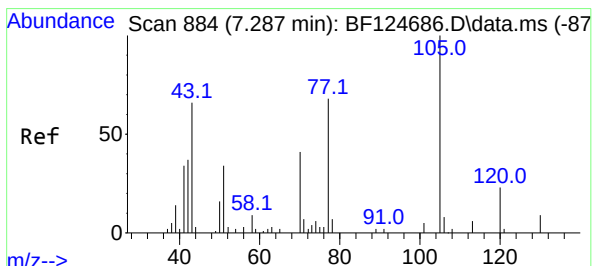
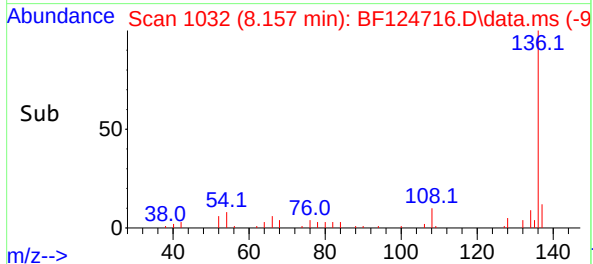
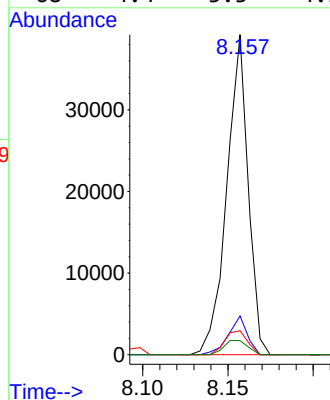
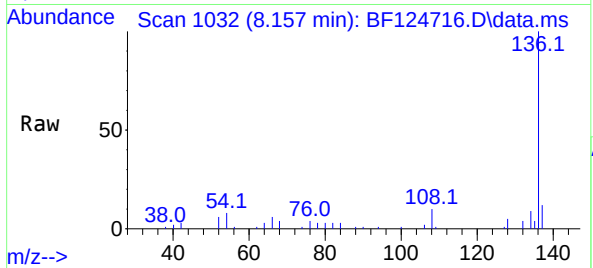
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 1032  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 34232 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 12.1  | 9.8   | 14.6  |
| 54        | 7.5   | 6.4   | 9.6   |
| 68        | 4.4   | 3.3   | 4.9   |

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

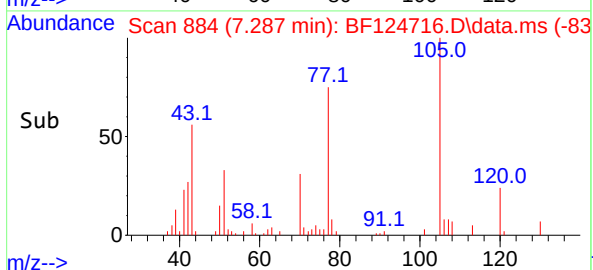
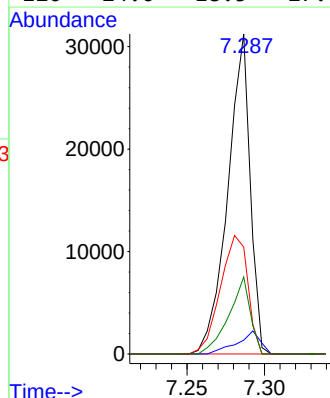
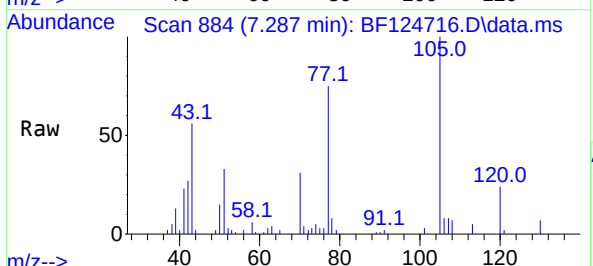
Manual Integrations  
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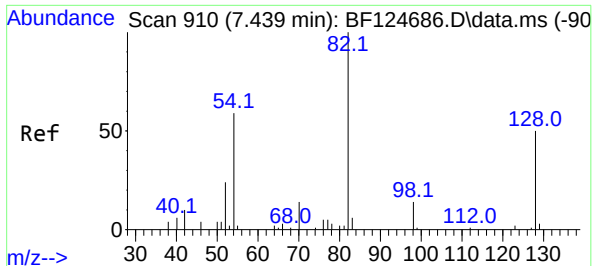
mohammad  
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#22  
Acetophenone  
Concen: 39.536 ng  
RT: 7.287 min Scan# 884  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 31363 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 71        | 4.3   | 5.5   | 8.3#  |
| 51        | 33.4  | 26.0  | 39.0  |
| 120       | 24.0  | 18.5  | 27.7  |





#23

Nitrobenzene-d5

Concen: 80.409 ng

RT: 7.439 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF124716.D

Acq: 23 Jul 2021 16:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 46248 |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 46.0  | 40.6  | 60.8  |
| 54       | 61.5  | 49.6  | 74.4  |

Instrument :

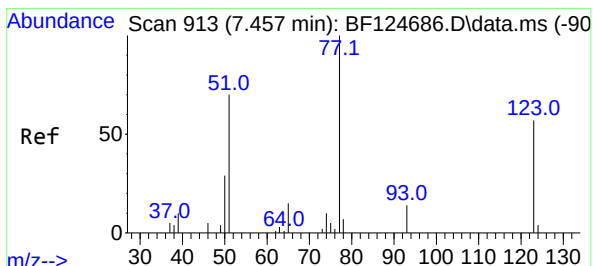
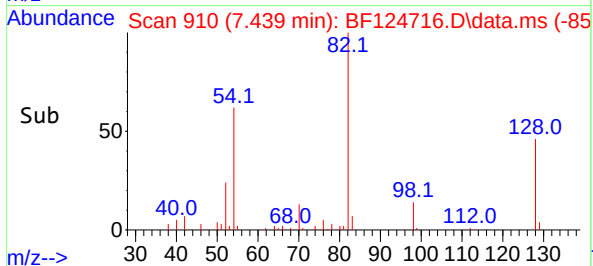
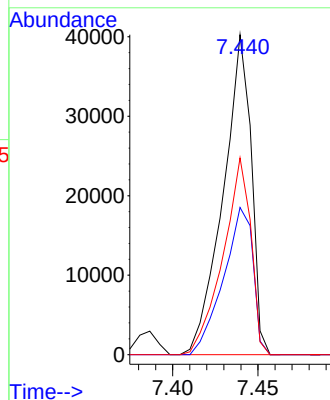
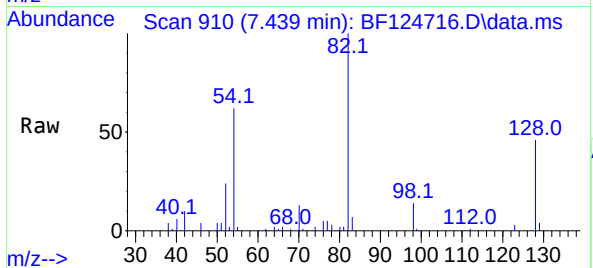
BNA\_F

ClientSampleId :

SSTDCCC040

Manual Integrations  
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#24

Nitrobenzene

Concen: 39.850 ng

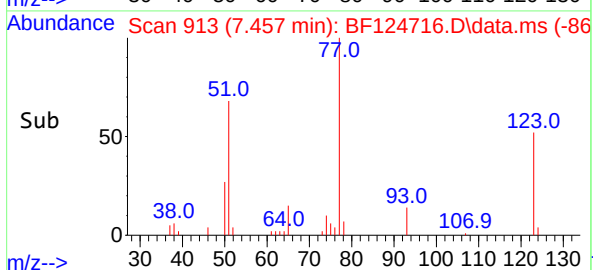
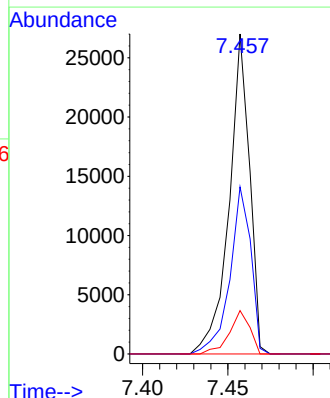
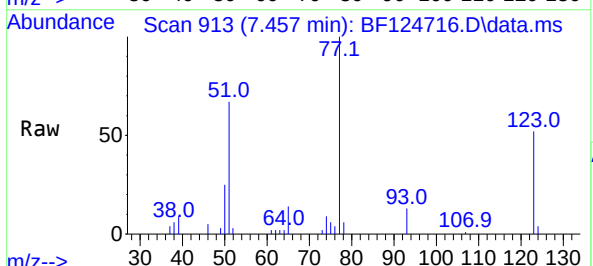
RT: 7.457 min Scan# 913

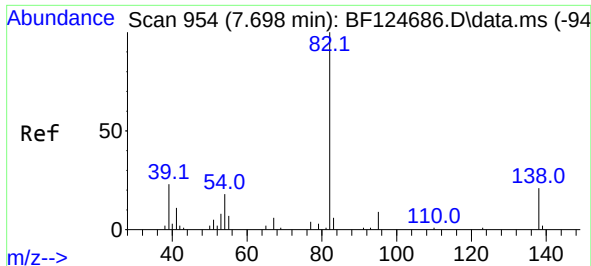
Delta R.T. 0.000 min

Lab File: BF124716.D

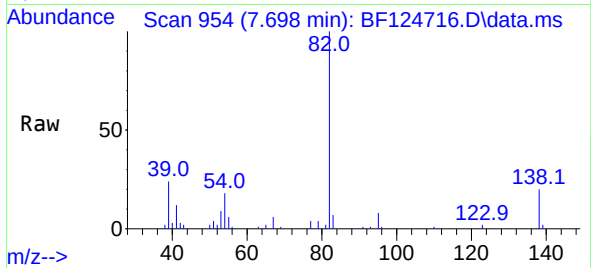
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 22471 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 123      | 52.2  | 42.3  | 63.5  |
| 65       | 13.6  | 12.4  | 18.6  |

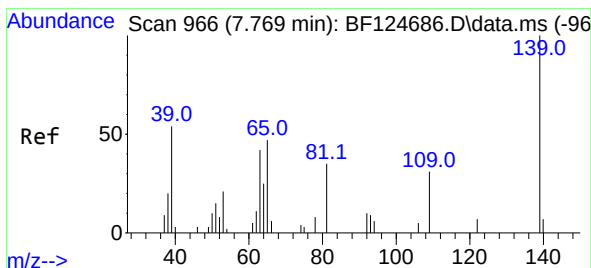
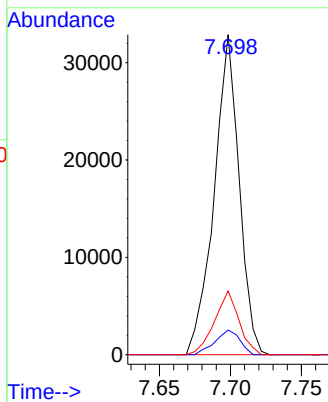
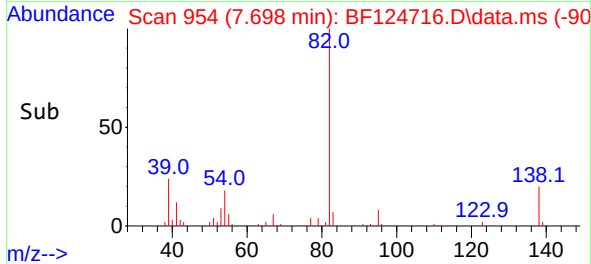




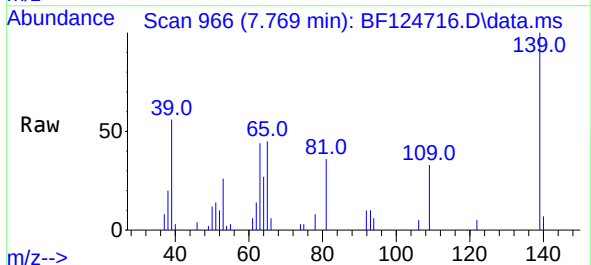
#25  
Isophorone  
Concen: 39.499 ng  
RT: 7.698 min Scan# 954  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46



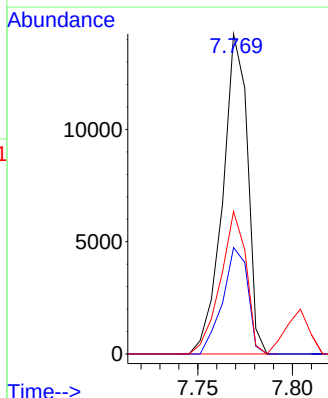
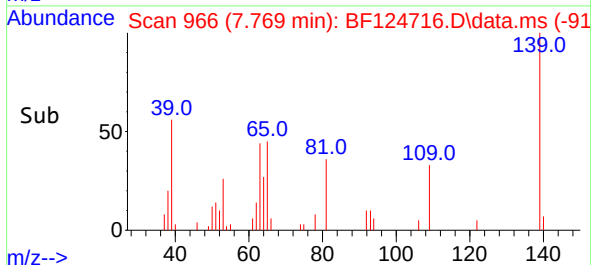
Tgt Ion: 82 Resp: 40171  
Ion Ratio Lower Upper  
82 100  
95 7.7 6.5 9.7  
138 19.9 18.4 27.6



#26  
2-Nitrophenol  
Concen: 41.717 ng  
RT: 7.769 min Scan# 966  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46



Tgt Ion: 139 Resp: 13029  
Ion Ratio Lower Upper  
139 100  
109 33.2 26.0 39.0  
65 44.5 31.0 46.4

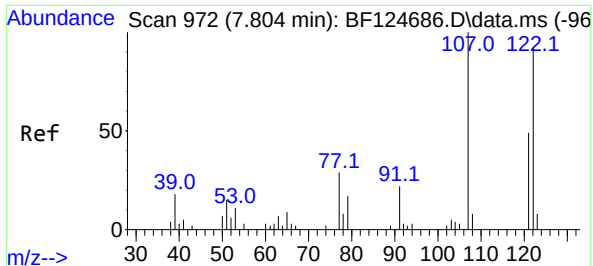


Instrument :  
BNA\_F  
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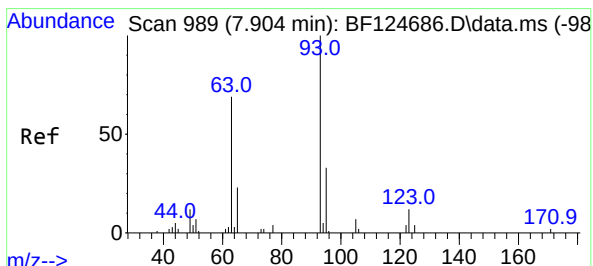
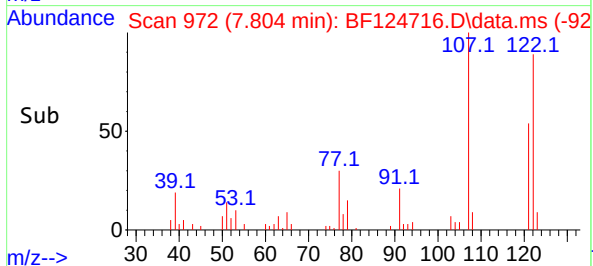
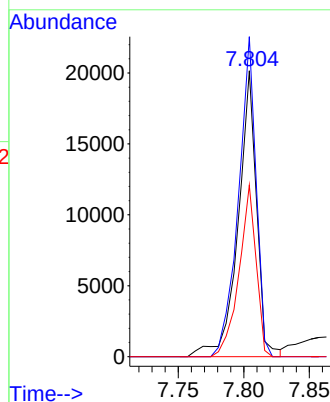
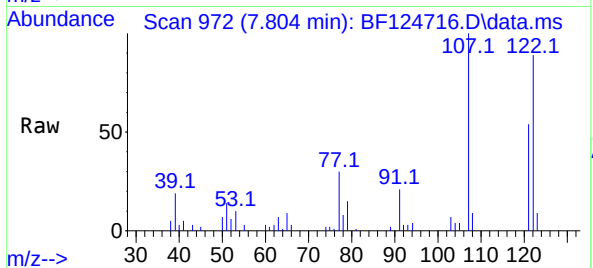
#27  
2,4-Dimethylphenol  
Concen: 41.097 ng  
RT: 7.804 min Scan# 972  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

Tgt Ion:122 Resp: 19750  
Ion Ratio Lower Upper  
122 100  
107 111.9 85.0 127.6  
121 60.0 43.3 64.9

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

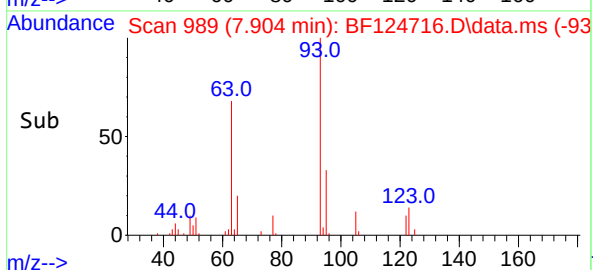
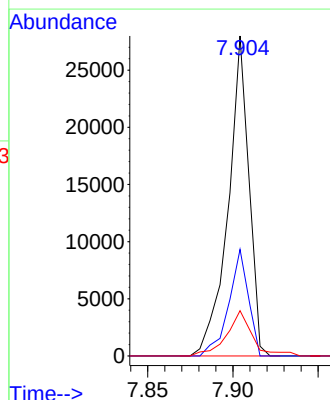
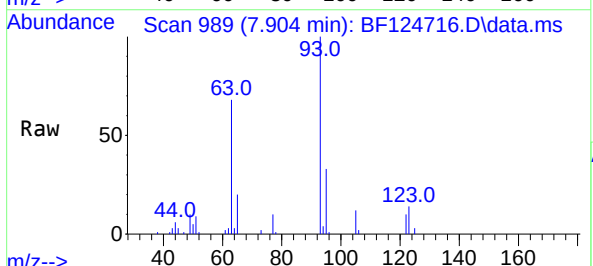
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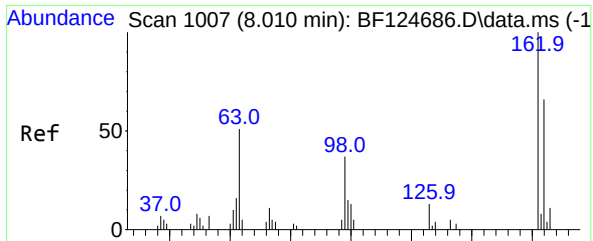
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#28  
bis(2-Chloroethoxy)methane  
Concen: 40.044 ng  
RT: 7.904 min Scan# 989  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

Tgt Ion: 93 Resp: 23666  
Ion Ratio Lower Upper  
93 100  
95 33.3 26.1 39.1  
123 14.1 11.7 17.5





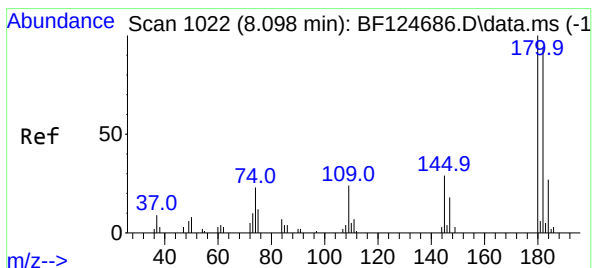
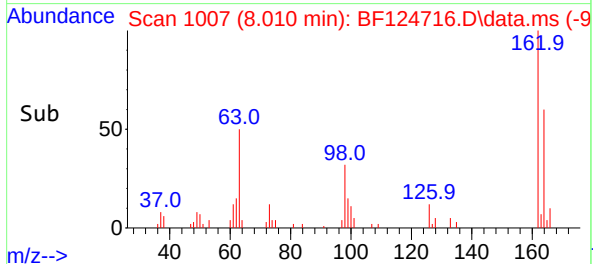
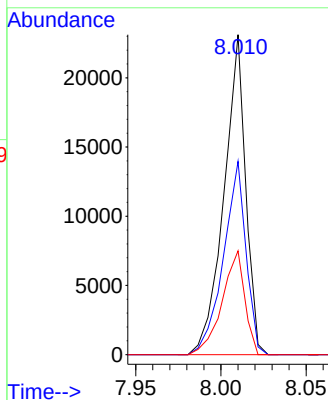
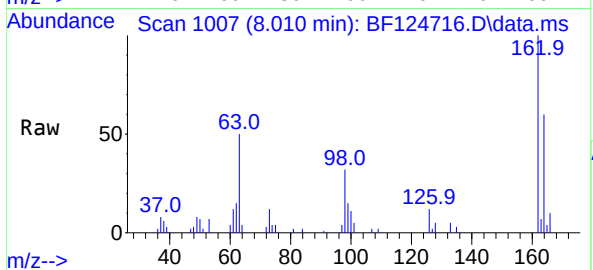
#29  
2,4-Dichlorophenol  
Concen: 40.370 ng  
RT: 8.010 min Scan# 1007  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

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SSTDCCC040

Tgt Ion:162 Resp: 20547  
Ion Ratio Lower Upper  
162 100  
164 60.4 44.5 84.5  
98 32.5 13.0 53.0

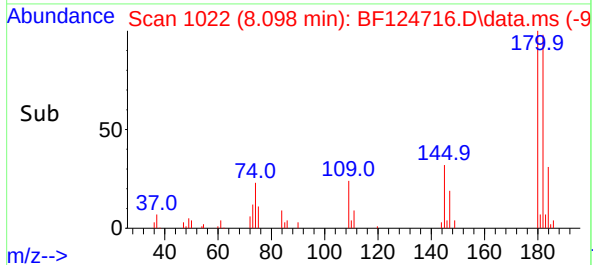
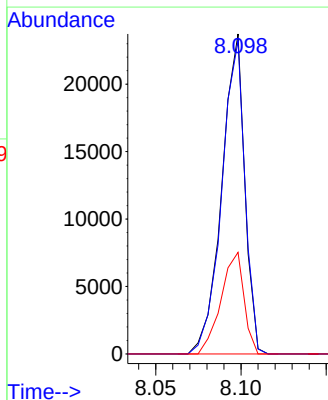
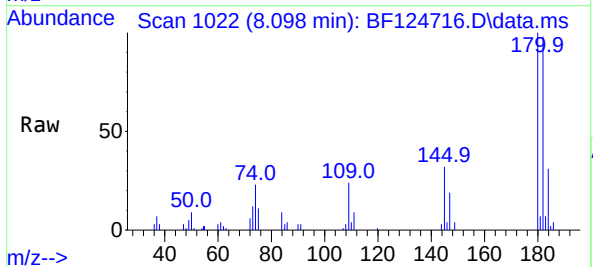
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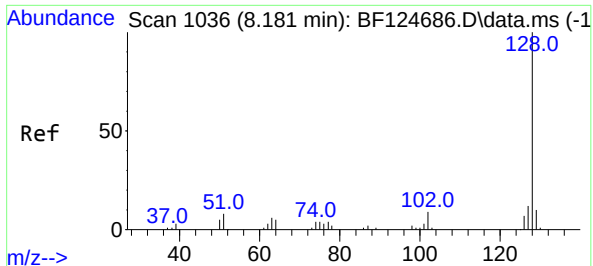
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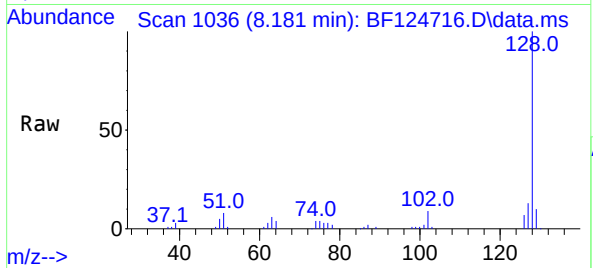
#30  
1,2,4-Trichlorobenzene  
Concen: 39.585 ng  
RT: 8.098 min Scan# 1022  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

Tgt Ion:180 Resp: 22082  
Ion Ratio Lower Upper  
180 100  
182 97.9 76.8 115.2  
145 31.8 26.7 40.1

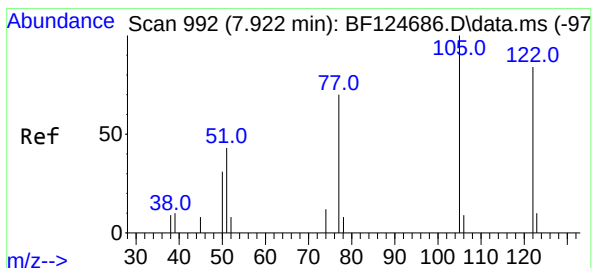
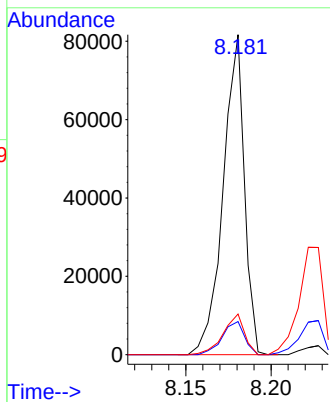
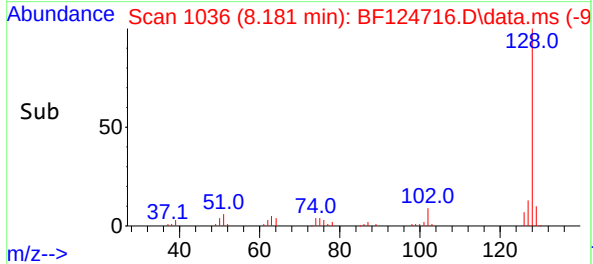




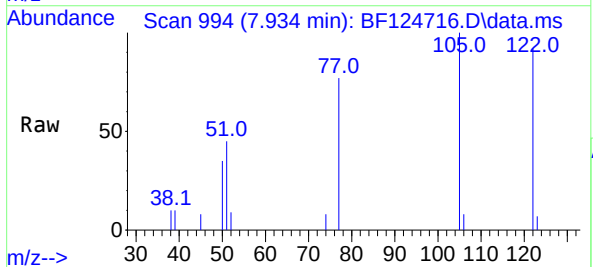
#31  
Naphthalene  
Concen: 39.543 ng  
RT: 8.181 min Scan# 1036  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46



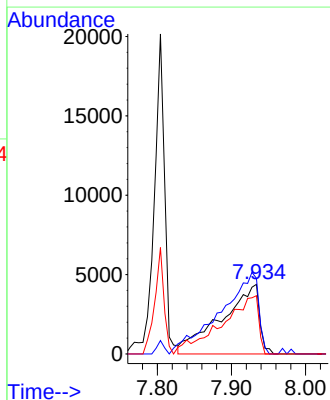
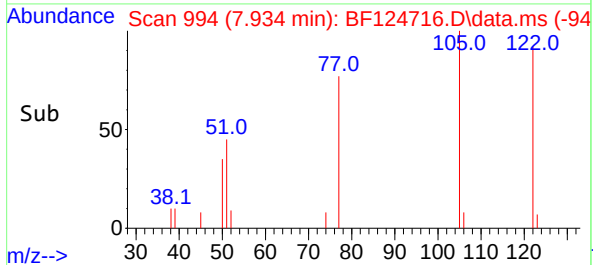
Tgt Ion:128 Resp: 70642  
Ion Ratio Lower Upper  
128 100  
129 10.3 9.4 14.0  
127 12.7 10.9 16.3



#32  
Benzoic acid  
Concen: 41.898 ng  
RT: 7.934 min Scan# 994  
Delta R.T. 0.012 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46



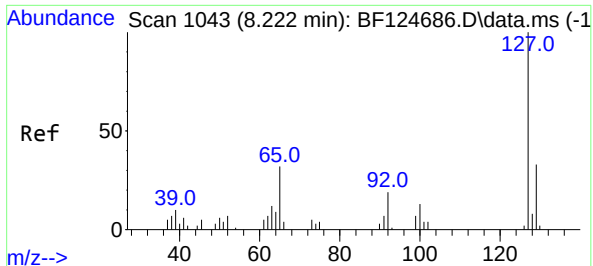
Tgt Ion:122 Resp: 15585  
Ion Ratio Lower Upper  
122 100  
105 108.8 97.6 137.6  
77 83.6 59.6 99.6



Instrument :  
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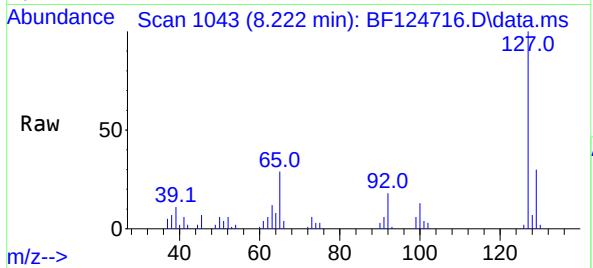
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#33  
4-Chloroaniline  
Concen: 40.484 ng  
RT: 8.222 min Scan# 1043  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

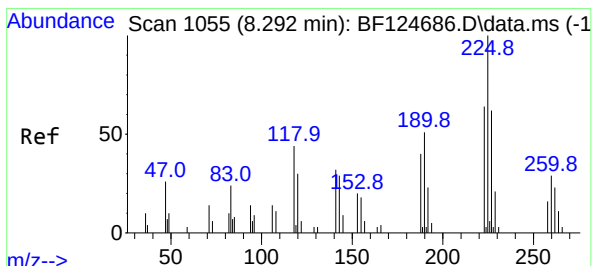
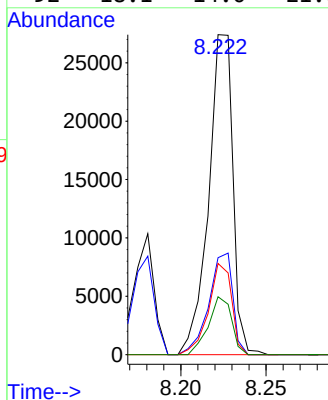
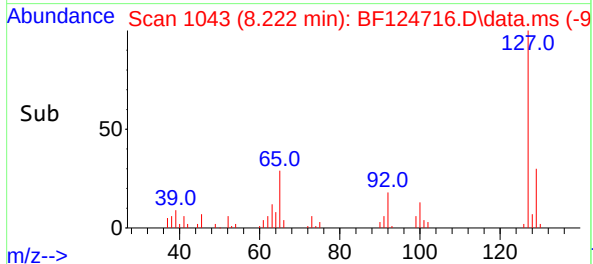
Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040



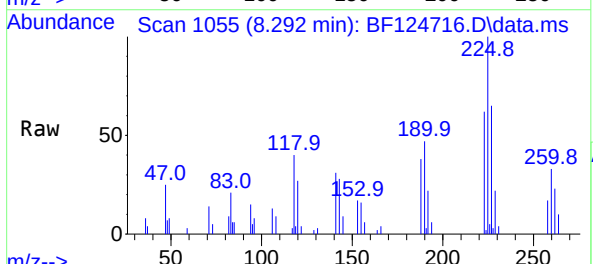
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 27196 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 30.3  | 25.7  | 38.5  |
| 65       | 28.5  | 21.2  | 31.8  |
| 92       | 18.1  | 14.0  | 21.0  |

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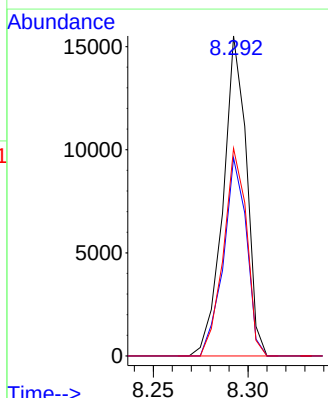
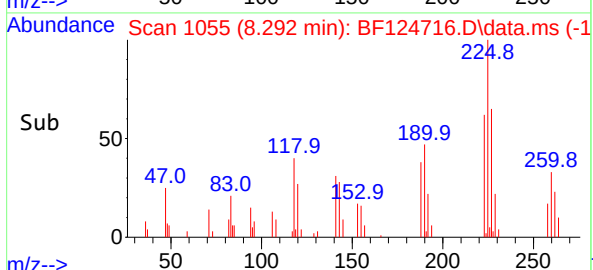
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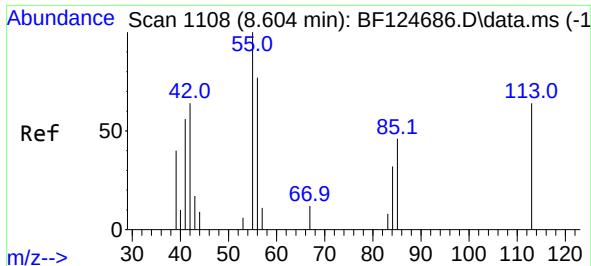


#34  
Hexachlorobutadiene  
Concen: 39.853 ng  
RT: 8.292 min Scan# 1055  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 13289 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 61.9  | 50.6  | 76.0  |
| 227      | 67.6  | 50.6  | 75.8  |





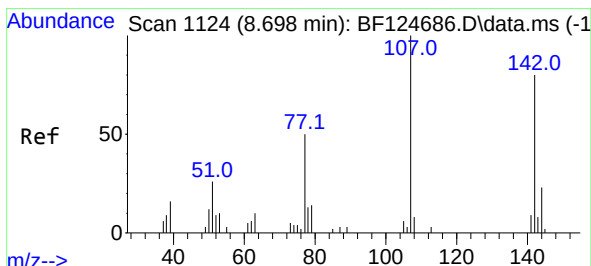
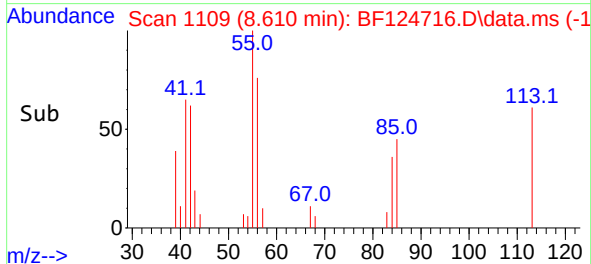
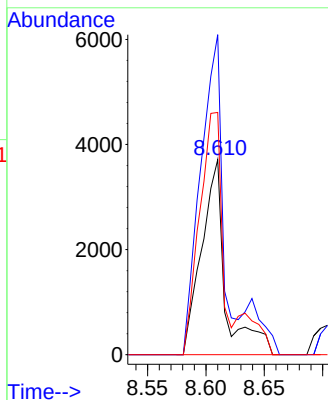
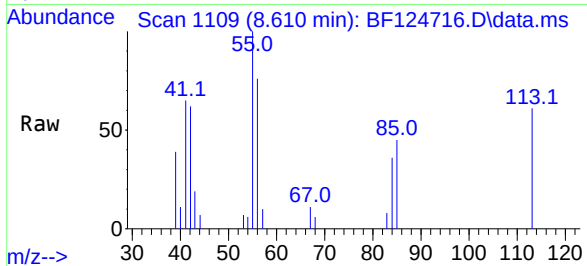
#35  
Caprolactam  
Concen: 39.906 ng m  
RT: 8.610 min Scan# 1109  
Delta R.T. 0.006 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

Tgt Ion:113 Resp: 5279  
Ion Ratio Lower Upper  
113 100  
55 164.1 154.1 194.1  
56 124.2 108.7 148.7

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

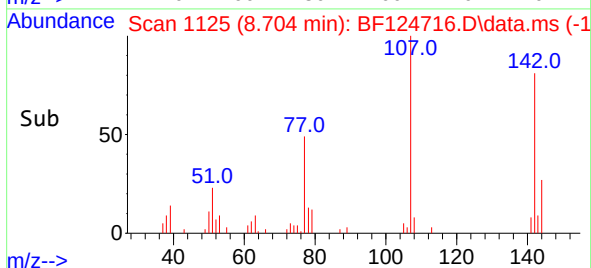
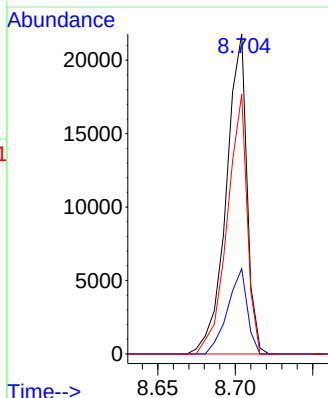
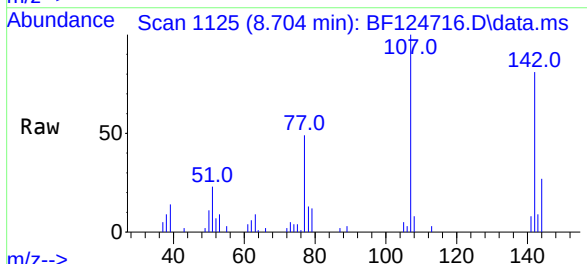
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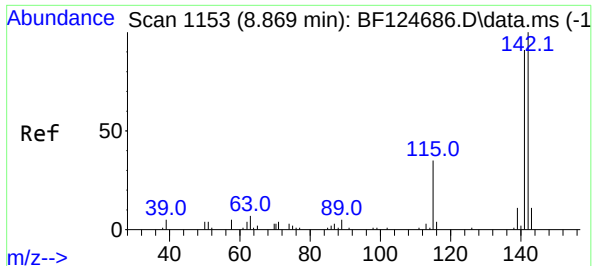
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#36  
4-Chloro-3-methylphenol  
Concen: 41.624 ng  
RT: 8.704 min Scan# 1125  
Delta R.T. 0.006 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

Tgt Ion:107 Resp: 20207  
Ion Ratio Lower Upper  
107 100  
144 26.6 21.9 32.9  
142 81.1 67.1 100.7





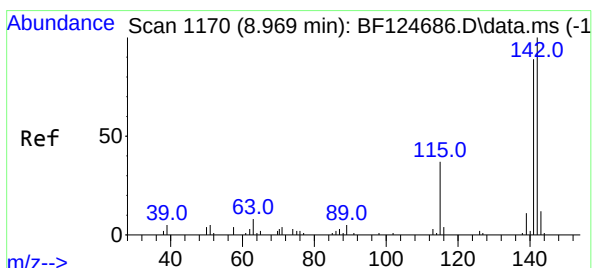
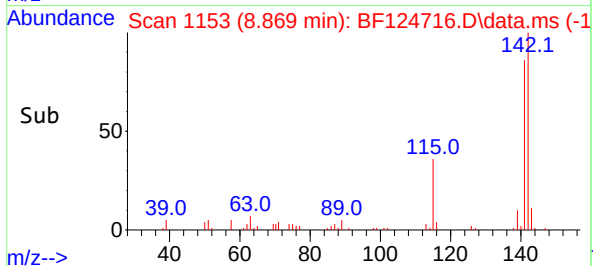
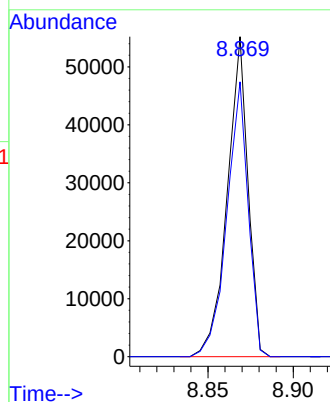
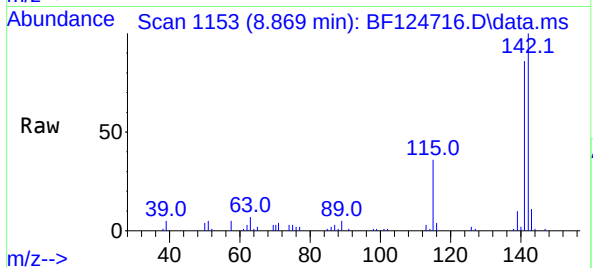
#37  
2-Methylnaphthalene  
Concen: 39.115 ng  
RT: 8.869 min Scan# 1153  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

Tgt Ion:142 Resp: 46689  
Ion Ratio Lower Upper  
142 100  
141 85.9 71.2 106.8

Instrument :  
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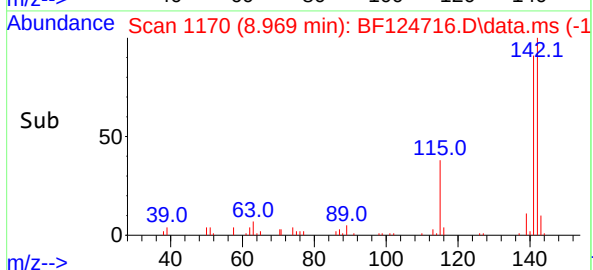
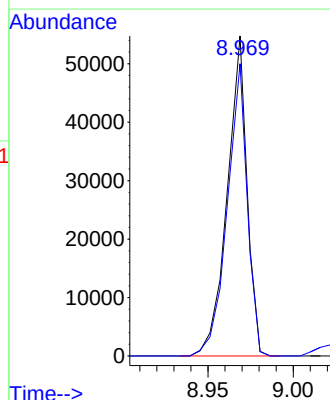
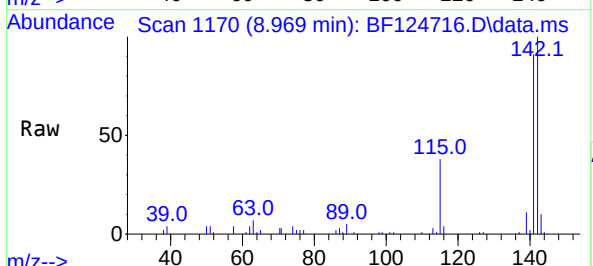
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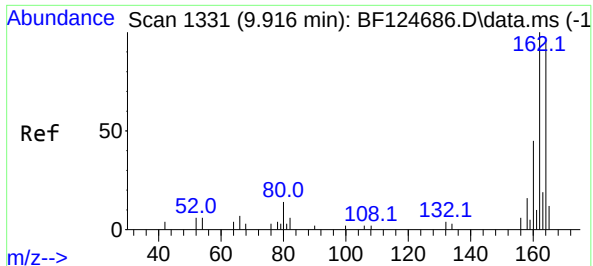
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#38  
1-Methylnaphthalene  
Concen: 39.137 ng  
RT: 8.969 min Scan# 1170  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

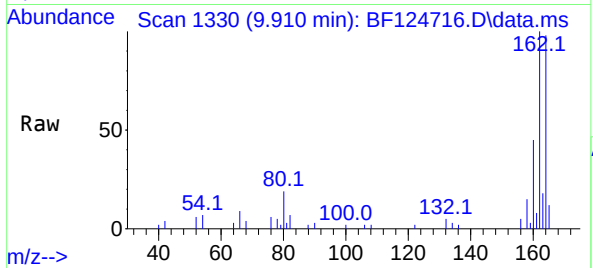
Tgt Ion:142 Resp: 44256  
Ion Ratio Lower Upper  
142 100  
141 91.4 76.0 114.0





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.910 min Scan# 1330  
Delta R.T. -0.006 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

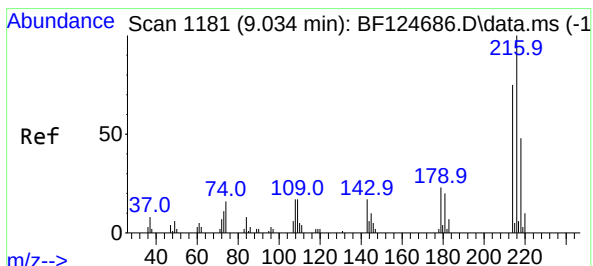
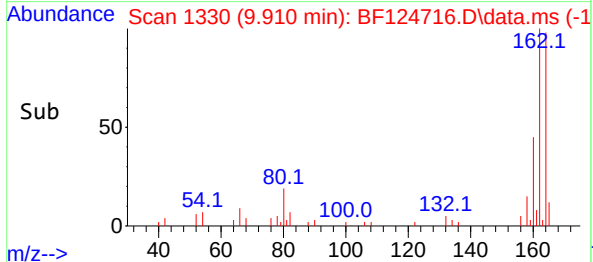
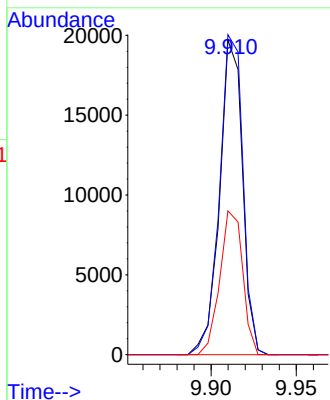
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



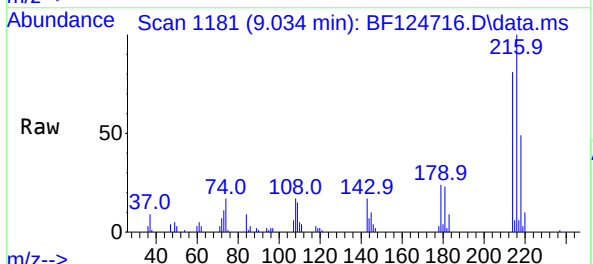
Tgt Ion:164 Resp: 18379  
Ion Ratio Lower Upper  
164 100  
162 101.7 81.3 121.9  
160 45.7 38.0 57.0

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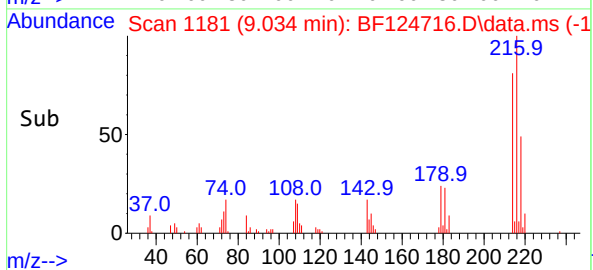
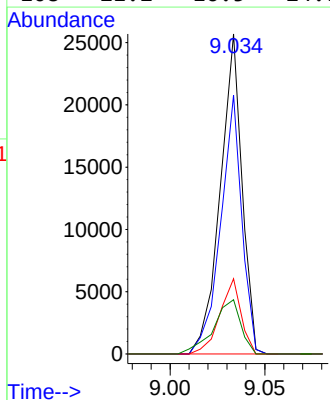
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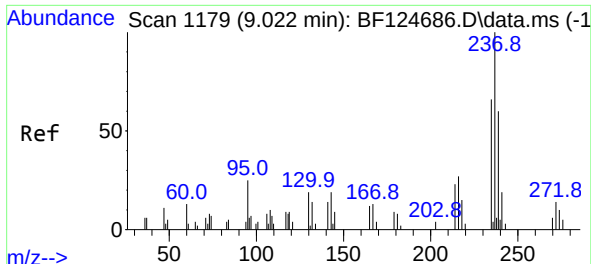


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.967 ng  
RT: 9.034 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

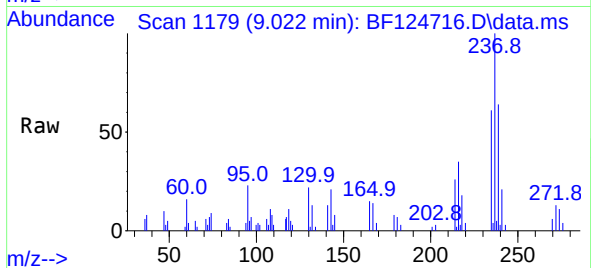


Tgt Ion:216 Resp: 20495  
Ion Ratio Lower Upper  
216 100  
214 78.7 64.9 97.3  
179 23.0 17.4 26.2  
108 21.2 16.5 24.7

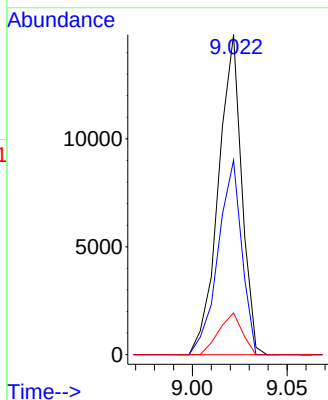
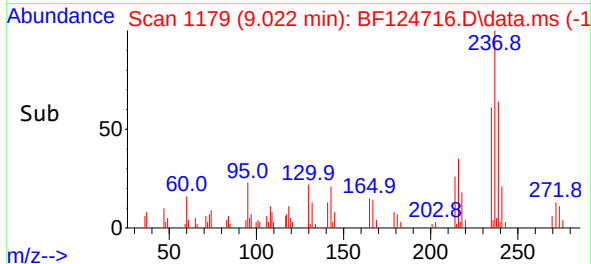




#41  
Hexachlorocyclopentadiene  
Concen: 41.791 ng  
RT: 9.022 min Scan# 1179  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46



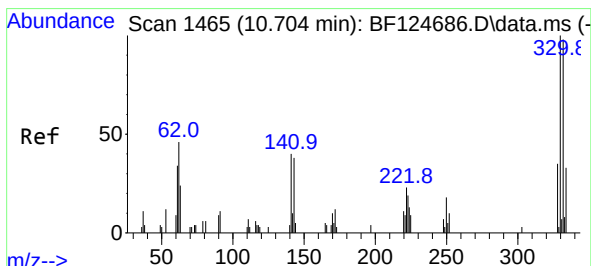
Tgt Ion:237 Resp: 12679  
Ion Ratio Lower Upper  
237 100  
235 60.7 44.7 84.7  
272 13.0 0.0 31.6



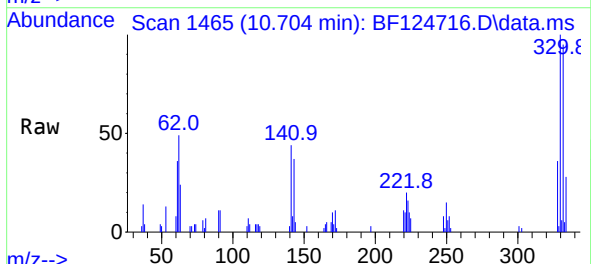
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

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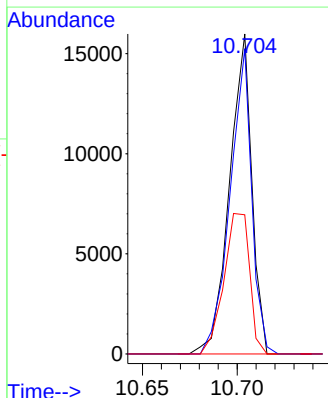
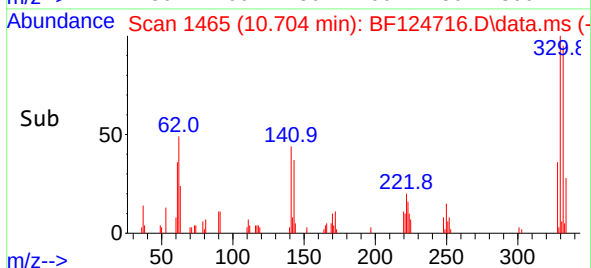
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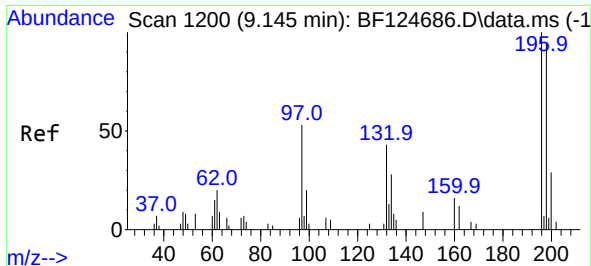
#42  
2,4,6-Tribromophenol  
Concen: 82.604 ng  
RT: 10.704 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46



Tgt Ion:330 Resp: 13035  
Ion Ratio Lower Upper  
330 100  
332 92.9 76.2 114.4  
141 50.9 44.6 66.8







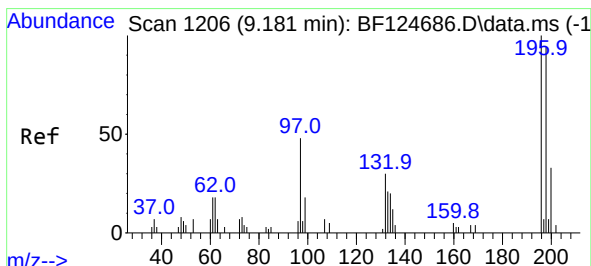
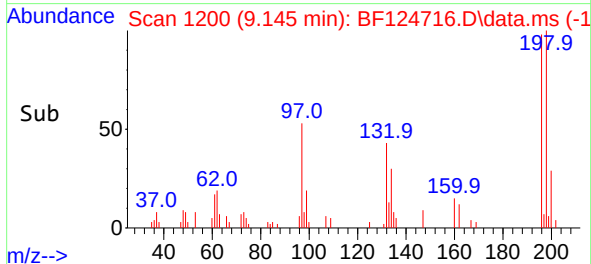
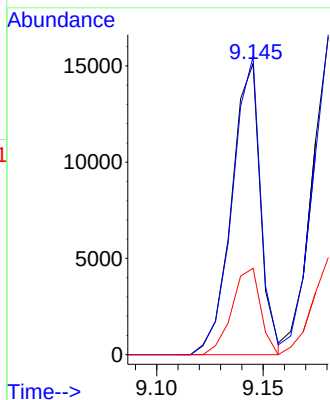
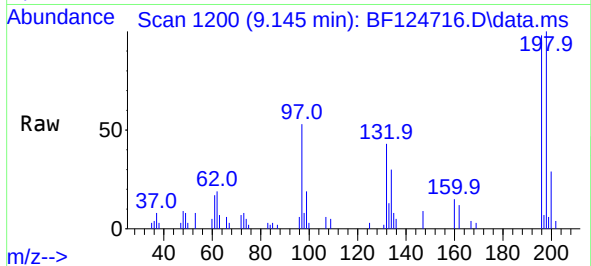
#43  
2,4,6-Trichlorophenol  
Concen: 39.296 ng  
RT: 9.145 min Scan# 1200  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040

Tgt Ion:196 Resp: 14305  
Ion Ratio Lower Upper  
196 100  
198 102.4 74.9 112.3  
200 29.7 27.0 40.4

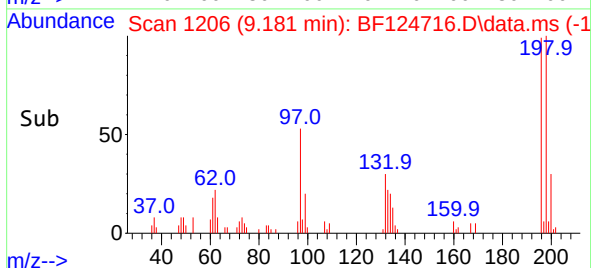
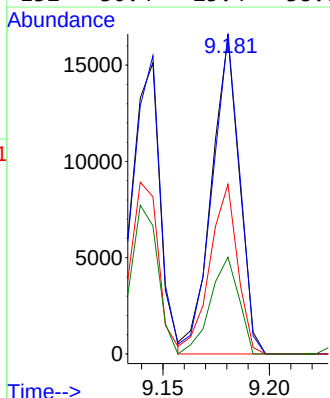
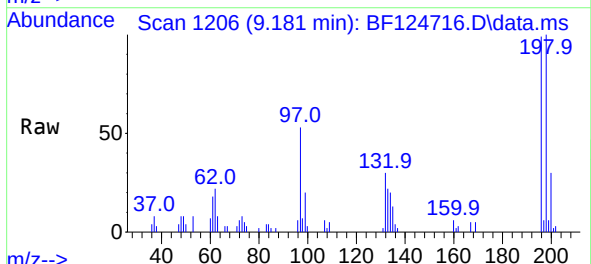
Manual Integrations  
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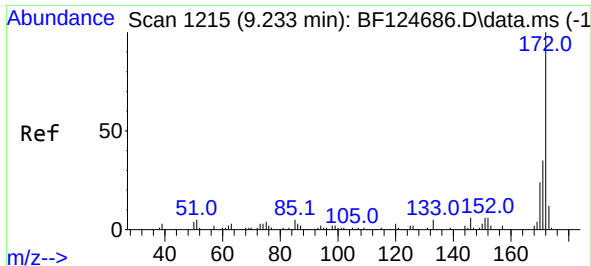
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#44  
2,4,5-Trichlorophenol  
Concen: 40.165 ng  
RT: 9.181 min Scan# 1206  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

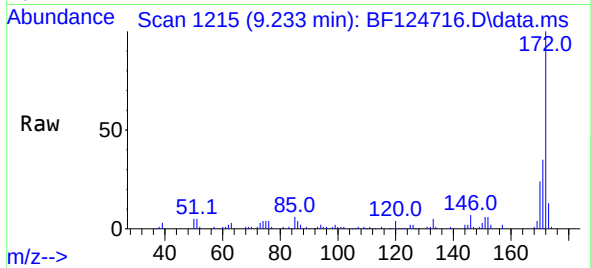
Tgt Ion:196 Resp: 15013  
Ion Ratio Lower Upper  
196 100  
198 100.7 80.2 120.2  
97 53.4 44.0 66.0  
132 30.4 25.4 38.0





#45  
2-Fluorobiphenyl  
Concen: 78.383 ng  
RT: 9.233 min Scan# 1215  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

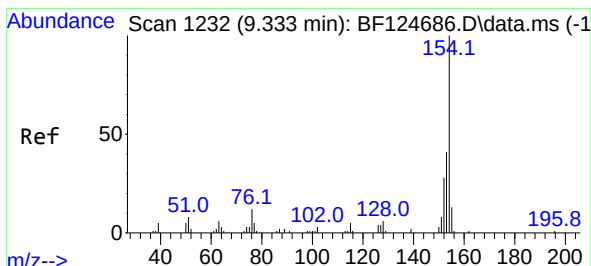
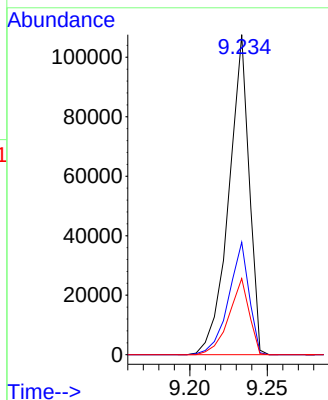
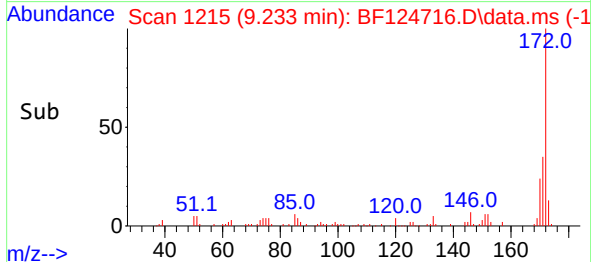
Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040



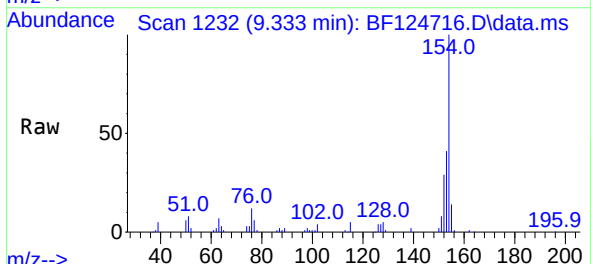
Tgt Ion:172 Resp: 98083  
Ion Ratio Lower Upper  
172 100  
171 35.2 26.5 39.7  
170 23.8 18.8 28.2

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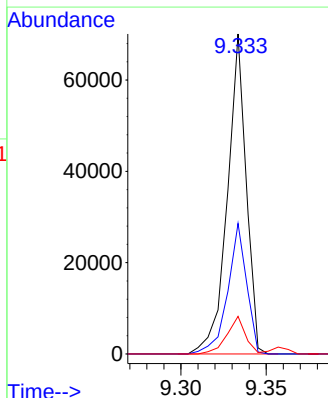
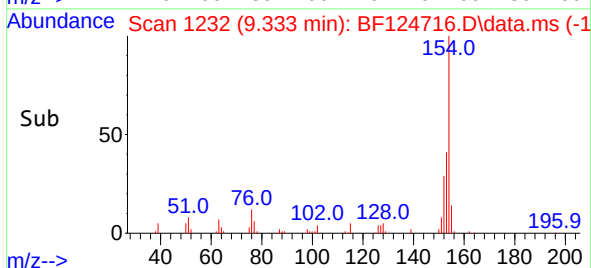
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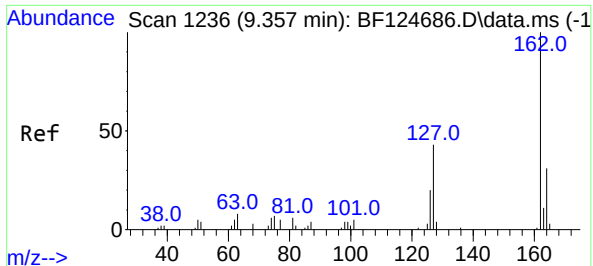


#46  
1,1'-Biphenyl  
Concen: 39.246 ng  
RT: 9.333 min Scan# 1232  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46



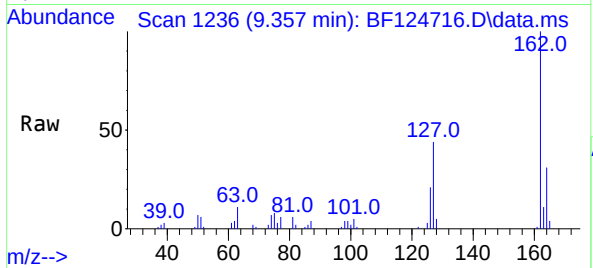
Tgt Ion:154 Resp: 53842  
Ion Ratio Lower Upper  
154 100  
153 40.8 20.0 60.0  
76 11.8 0.0 30.3





#47  
2-Chloronaphthalene  
Concen: 39.564 ng  
RT: 9.357 min Scan# 1236  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

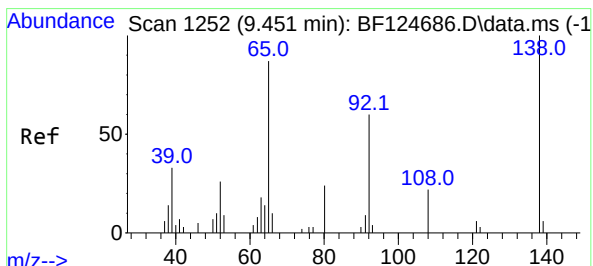
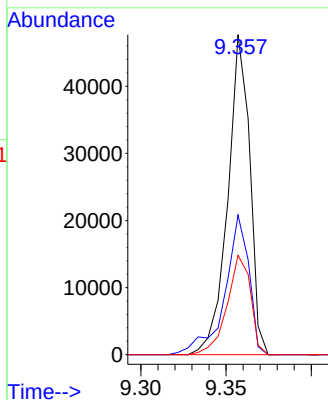
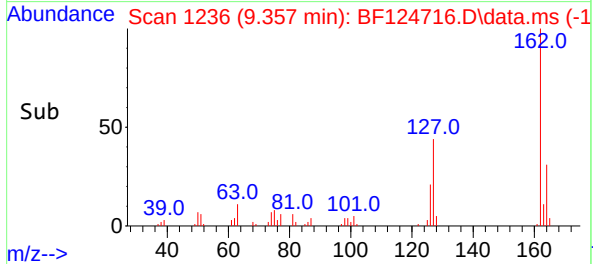
Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040



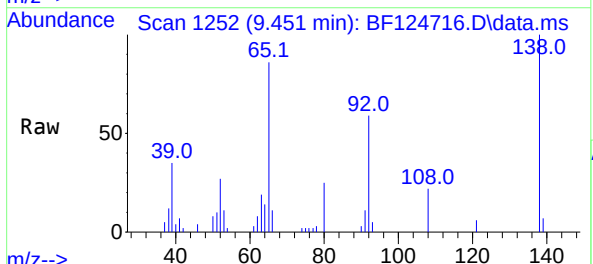
Tgt Ion:162 Resp: 42968  
Ion Ratio Lower Upper  
162 100  
127 43.6 33.0 49.4  
164 31.0 25.8 38.8

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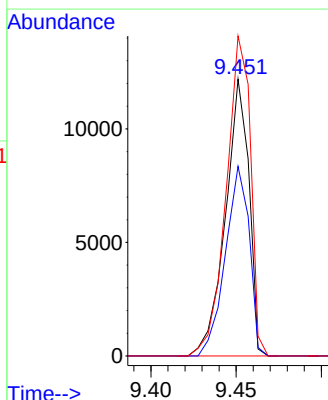
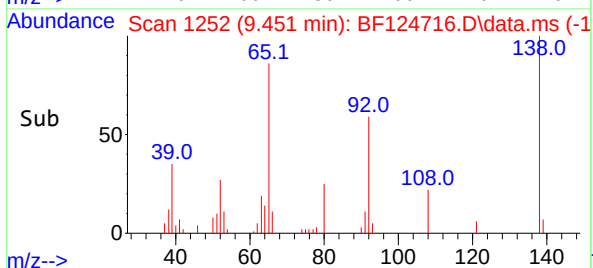
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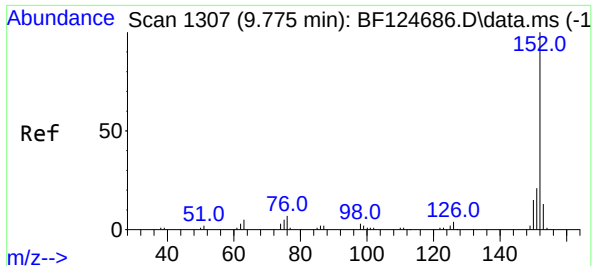


#48  
2-Nitroaniline  
Concen: 41.104 ng  
RT: 9.451 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

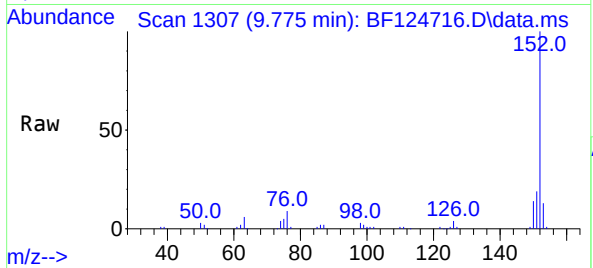


Tgt Ion: 65 Resp: 11689  
Ion Ratio Lower Upper  
65 100  
92 68.5 55.5 83.3  
138 115.6 93.5 140.3

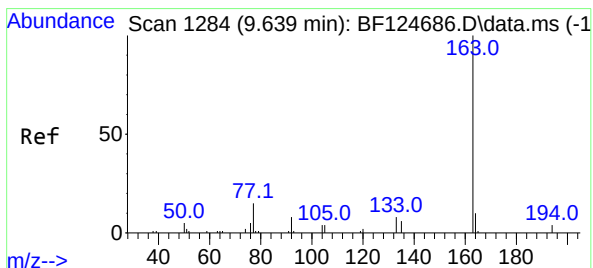
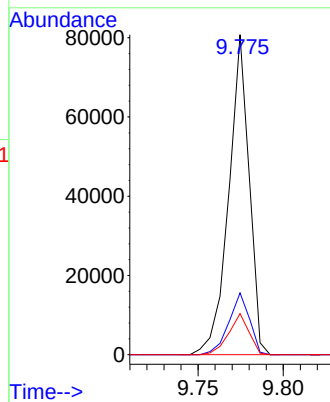
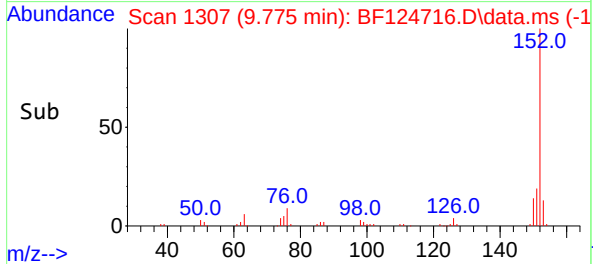




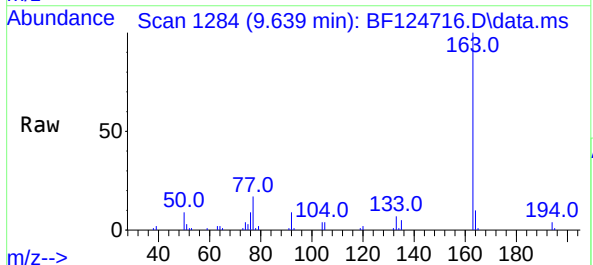
#49  
Acenaphthylene  
Concen: 40.077 ng  
RT: 9.775 min Scan# 1307  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46



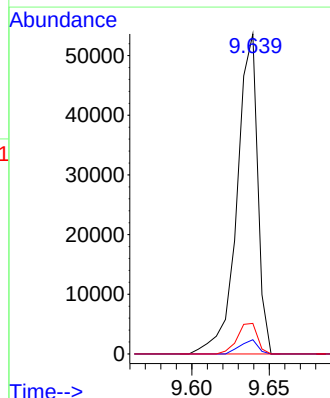
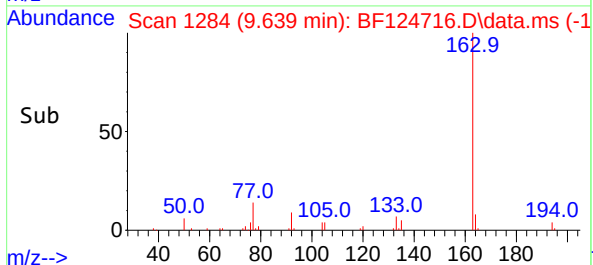
Tgt Ion:152 Resp: 67122  
Ion Ratio Lower Upper  
152 100  
151 19.3 15.7 23.5  
153 12.9 9.8 14.8



#50  
Dimethylphthalate  
Concen: 39.167 ng  
RT: 9.639 min Scan# 1284  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46



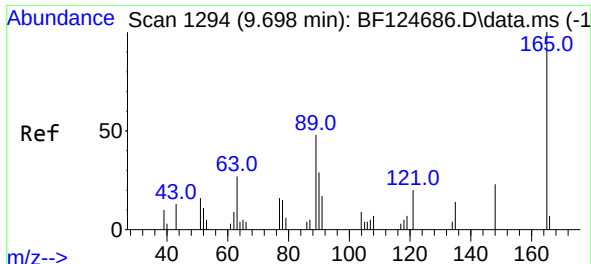
Tgt Ion:163 Resp: 49566  
Ion Ratio Lower Upper  
163 100  
194 4.4 2.6 3.8#  
164 9.5 7.4 11.0



Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

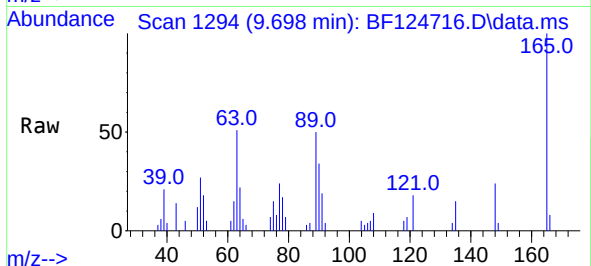
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#51  
2,6-Dinitrotoluene  
Concen: 40.571 ng  
RT: 9.698 min Scan# 1294  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

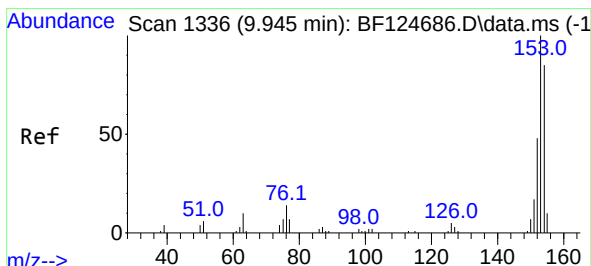
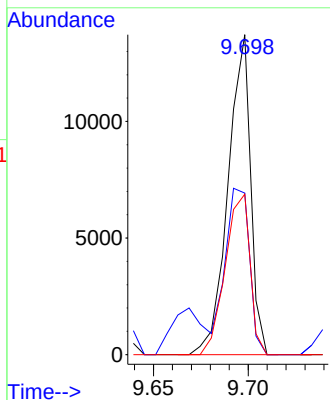
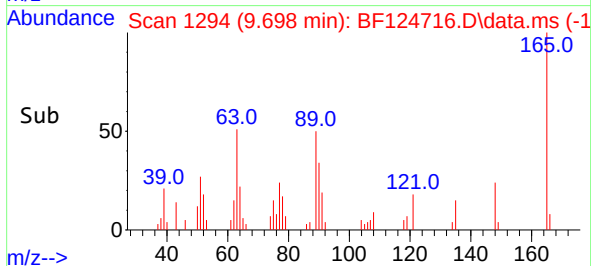
Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040



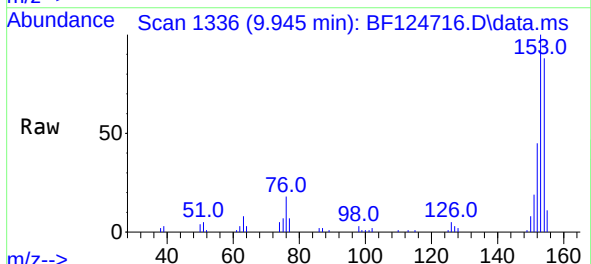
Tgt Ion:165 Resp: 11343  
Ion Ratio Lower Upper  
165 100  
63 50.5 42.6 63.8  
89 50.1 40.6 60.8

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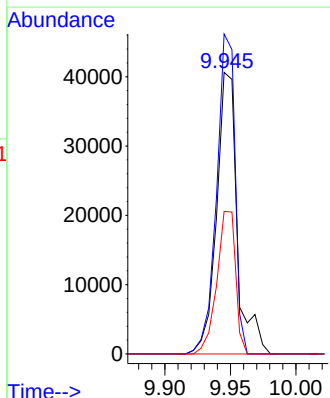
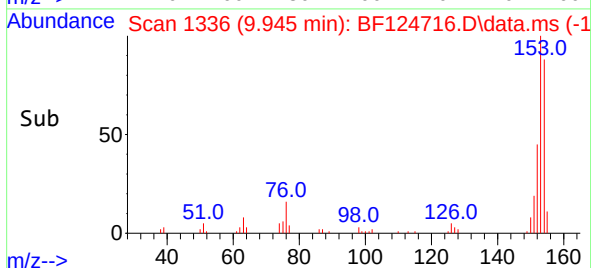
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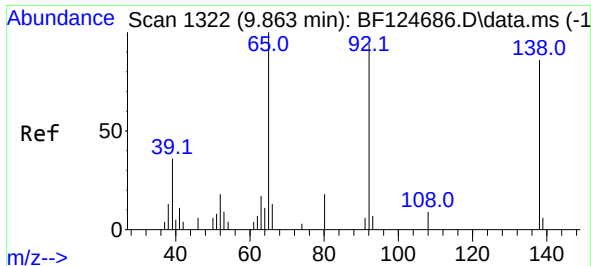


#52  
Acenaphthene  
Concen: 40.149 ng  
RT: 9.945 min Scan# 1336  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46



Tgt Ion:154 Resp: 44576  
Ion Ratio Lower Upper  
154 100  
153 113.6 89.4 134.2  
152 50.7 40.5 60.7





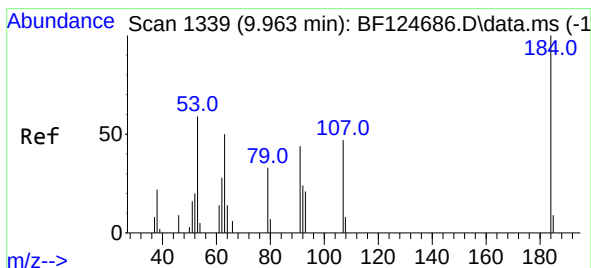
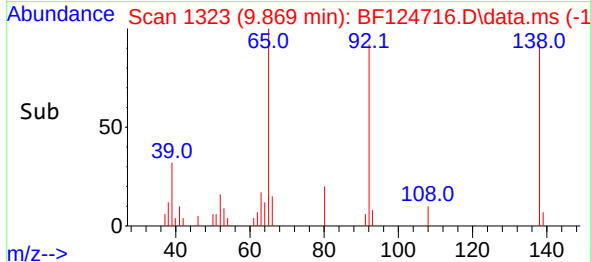
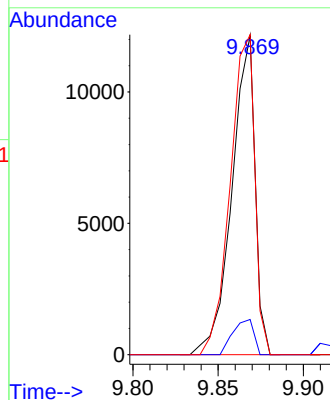
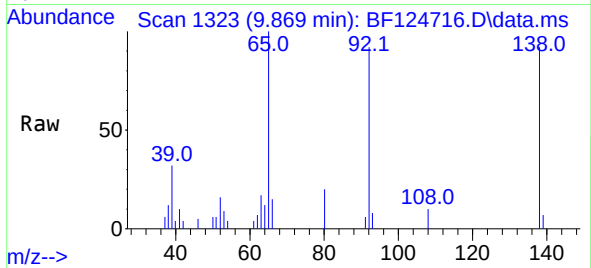
#53  
3-Nitroaniline  
Concen: 39.054 ng  
RT: 9.869 min Scan# 1323  
Delta R.T. 0.006 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

Tgt Ion:138 Resp: 11487  
Ion Ratio Lower Upper  
138 100  
108 11.1 9.3 13.9  
92 100.3 76.5 114.7

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

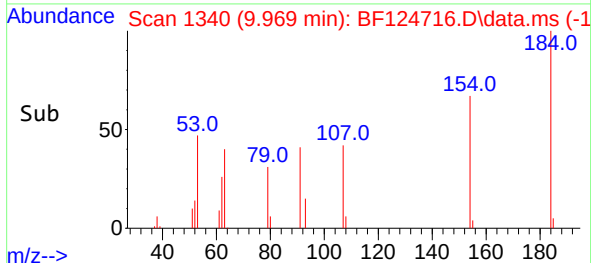
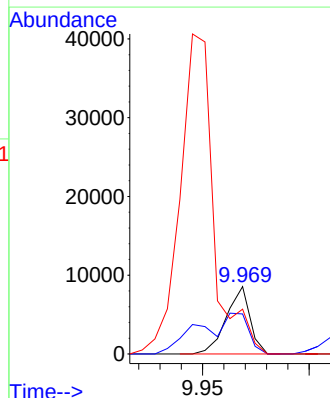
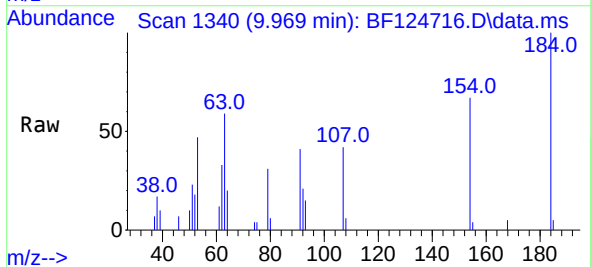
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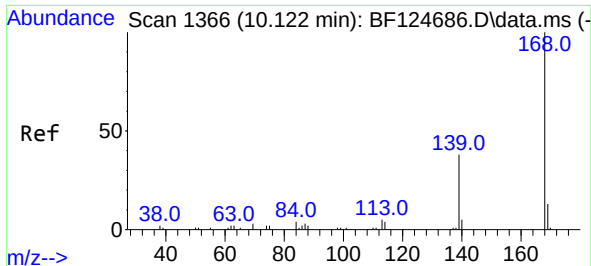
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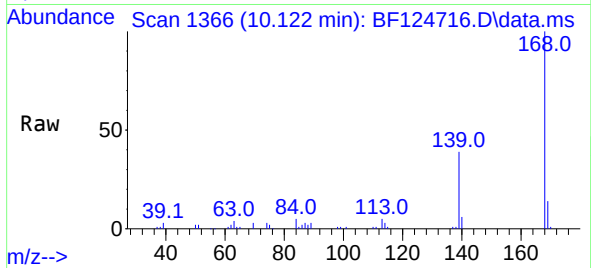
#54  
2,4-Dinitrophenol  
Concen: 40.818 ng  
RT: 9.969 min Scan# 1340  
Delta R.T. 0.006 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

Tgt Ion:184 Resp: 6599  
Ion Ratio Lower Upper  
184 100  
63 59.4 59.3 88.9  
154 66.6 68.6 102.8#





#55  
Dibenzenofuran  
Concen: 39.094 ng  
RT: 10.122 min Scan# 1366  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

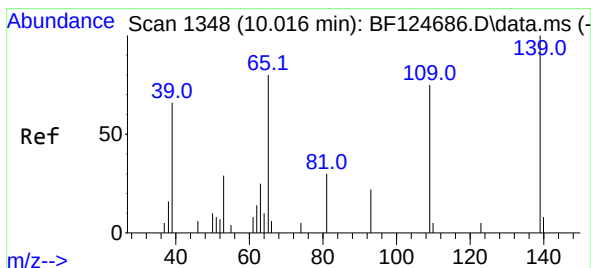
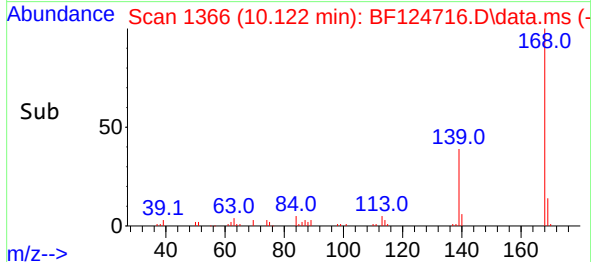
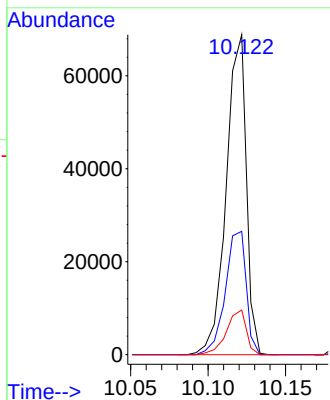


Tgt Ion:168 Resp: 62023  
Ion Ratio Lower Upper  
168 100  
139 38.5 32.7 49.1  
169 14.0 11.2 16.8

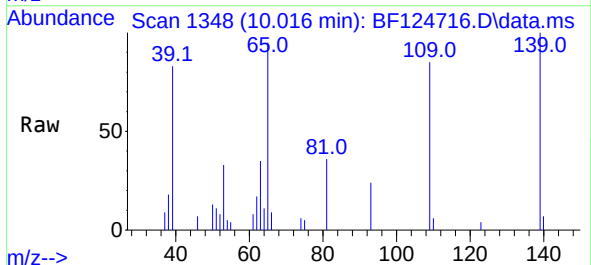
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

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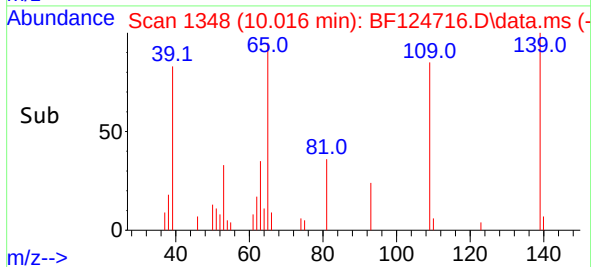
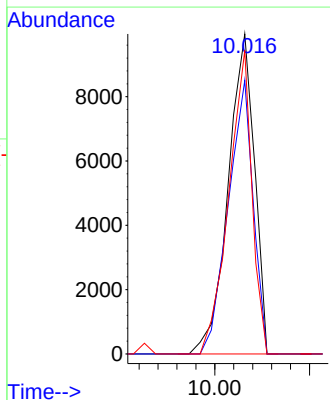
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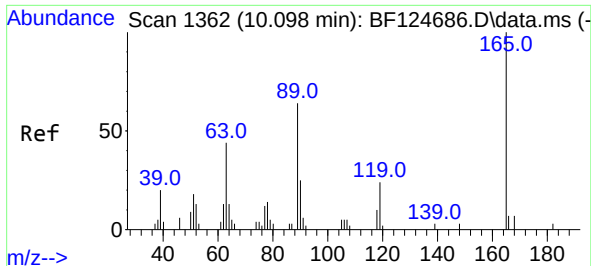


#56  
4-Nitrophenol  
Concen: 41.270 ng  
RT: 10.016 min Scan# 1348  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

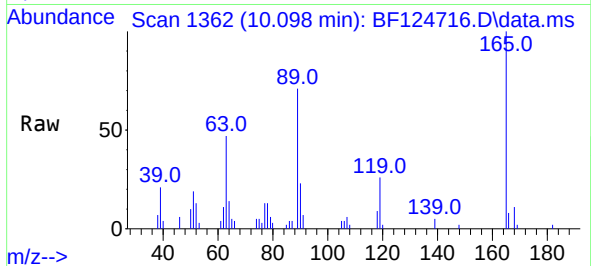


Tgt Ion:139 Resp: 9586  
Ion Ratio Lower Upper  
139 100  
109 85.5 60.4 100.4  
65 94.9 58.4 98.4

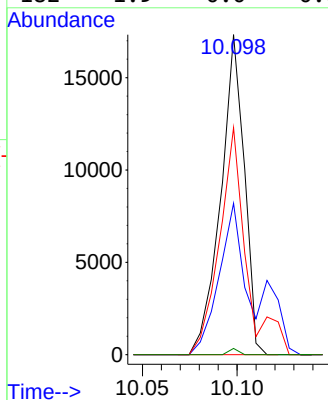
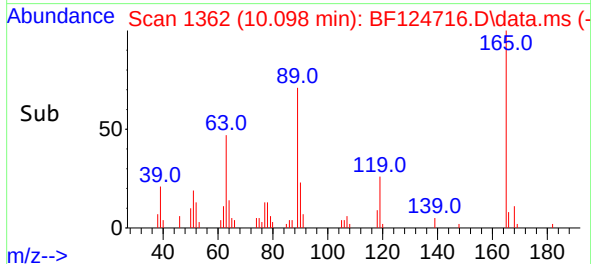




#57  
2,4-Dinitrotoluene  
Concen: 39.607 ng  
RT: 10.098 min Scan# 1362  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46



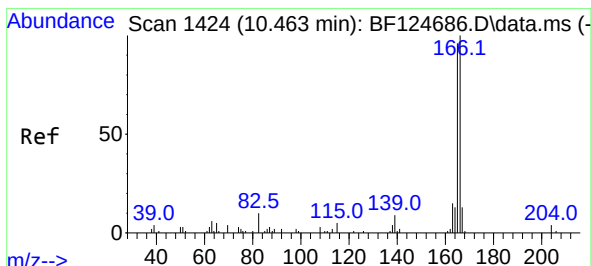
Tgt Ion:165 Resp: 15027  
Ion Ratio Lower Upper  
165 100  
63 47.3 40.9 61.3  
89 71.0 59.7 89.5  
182 1.9 0.0 0.0#



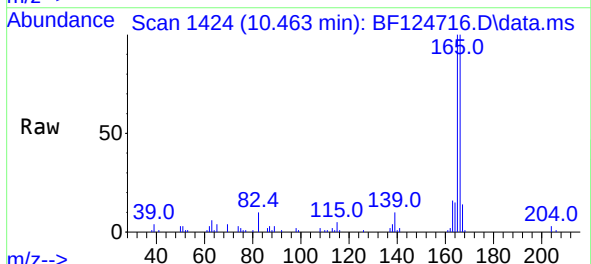
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

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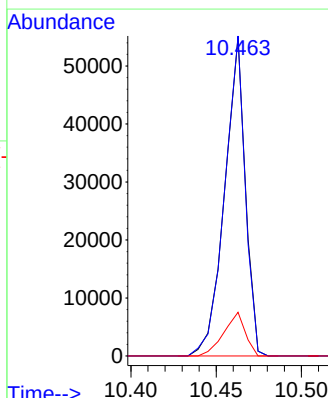
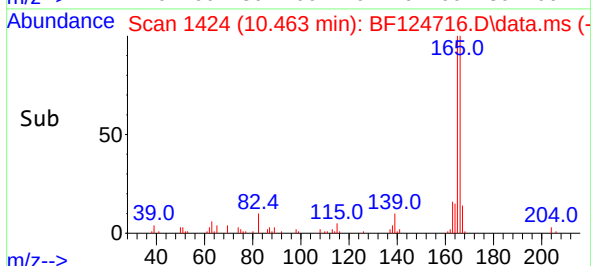
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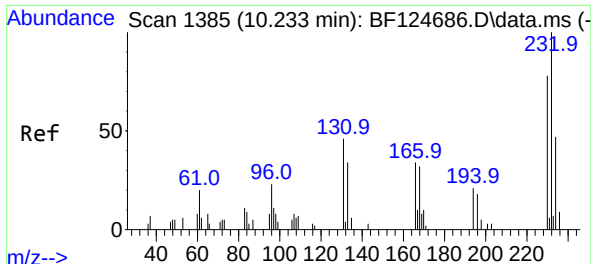
#58  
Fluorene  
Concen: 38.207 ng  
RT: 10.463 min Scan# 1424  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46



Tgt Ion:166 Resp: 46500  
Ion Ratio Lower Upper  
166 100  
165 100.3 78.1 117.1  
167 13.7 11.1 16.7

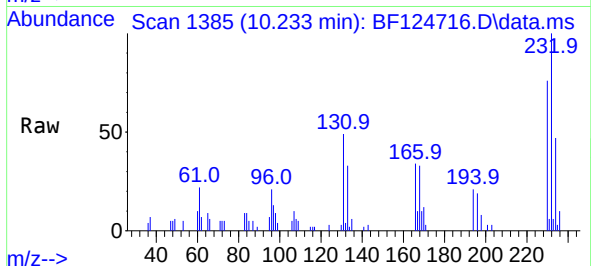






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.511 ng  
RT: 10.233 min Scan# 1385  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

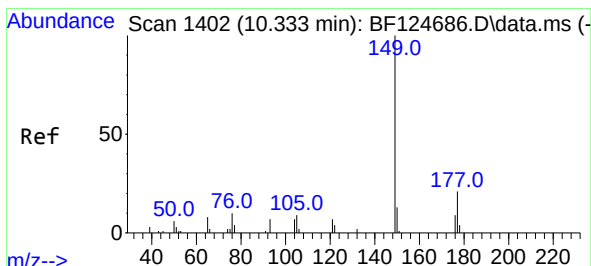
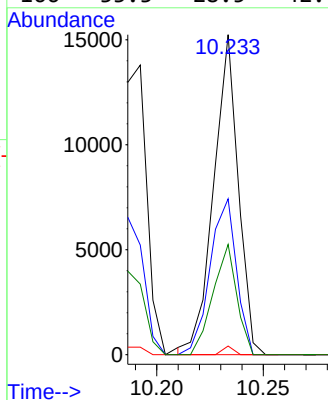
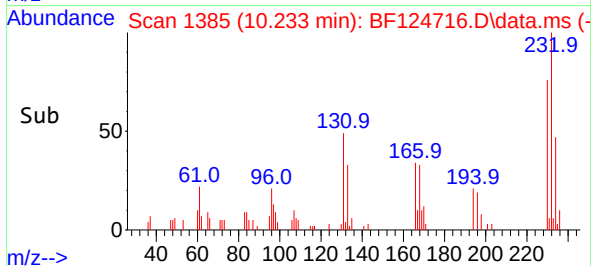
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



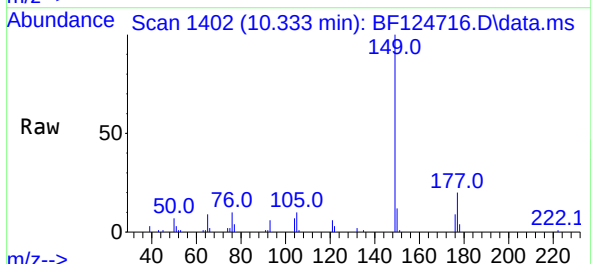
Tgt Ion:232 Resp: 12254  
Ion Ratio Lower Upper  
232 100  
131 52.2 45.4 68.0  
130 1.2 0.0 0.0#  
166 33.3 28.5 42.7

Manual Integrations  
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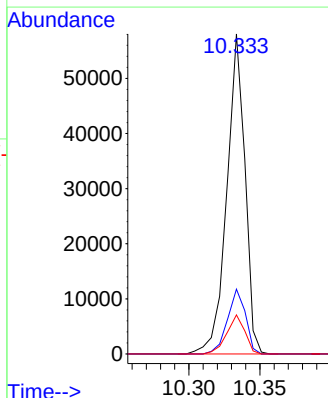
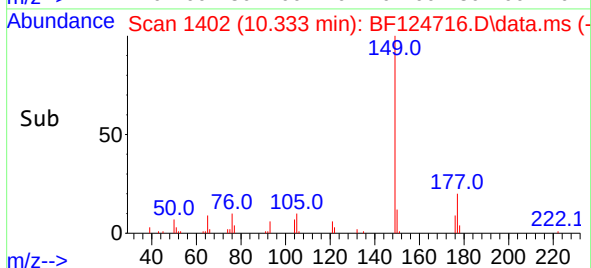
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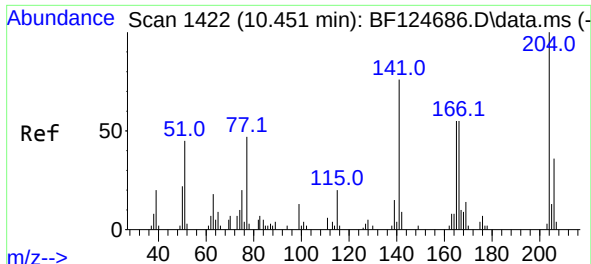


#60  
Diethylphthalate  
Concen: 39.147 ng  
RT: 10.333 min Scan# 1402  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46



Tgt Ion:149 Resp: 51517  
Ion Ratio Lower Upper  
149 100  
177 20.3 16.5 24.7  
150 12.2 10.1 15.1





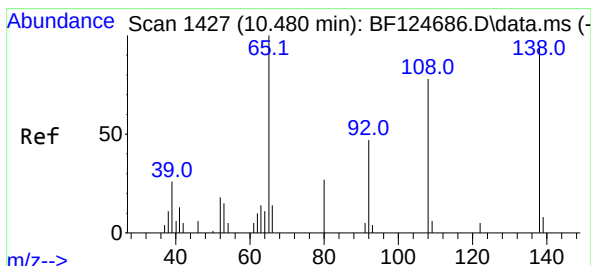
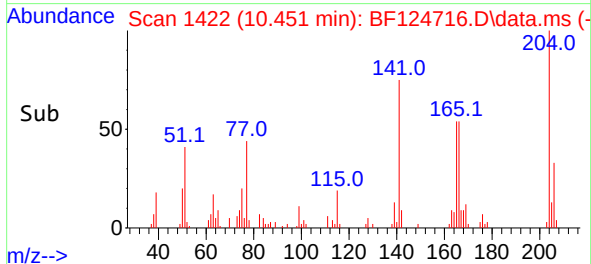
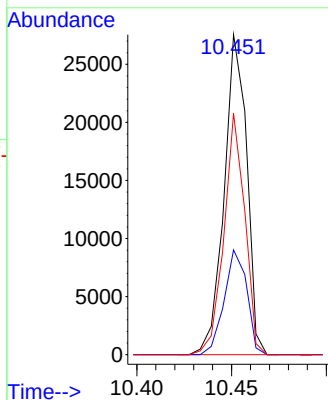
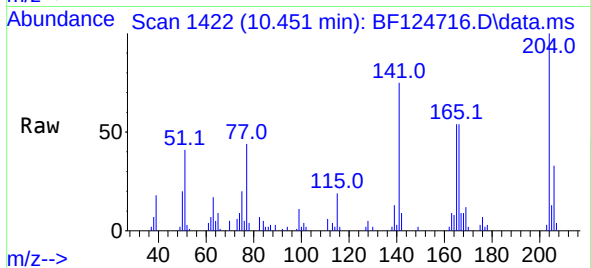
#61  
4-Chlorophenyl-phenylether  
Concen: 38.751 ng  
RT: 10.451 min Scan# 1422  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:204 Resp: 22799  
Ion Ratio Lower Upper  
204 100  
206 32.8 27.6 41.4  
141 75.4 58.6 88.0

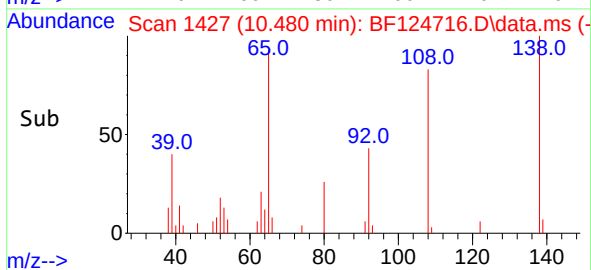
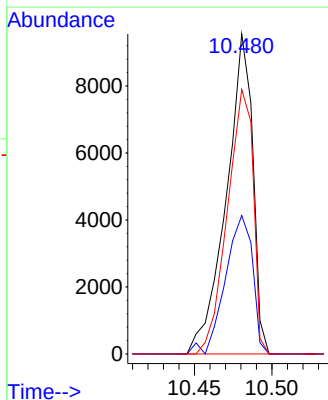
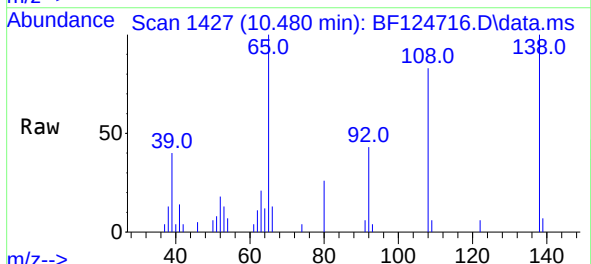
Manual Integrations  
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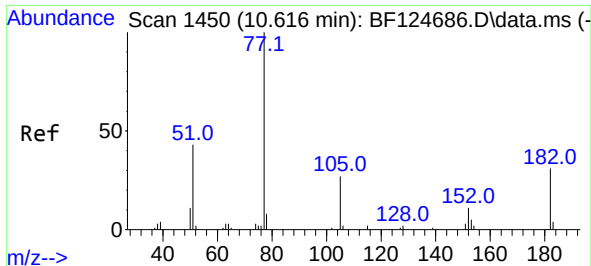
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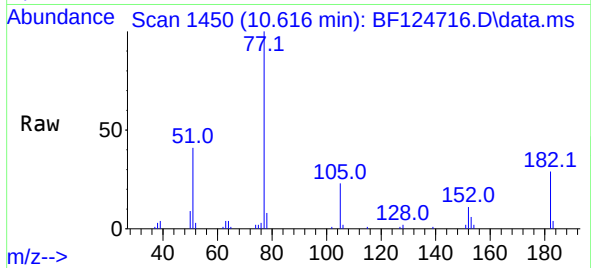
#62  
4-Nitroaniline  
Concen: 38.885 ng  
RT: 10.480 min Scan# 1427  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

Tgt Ion:138 Resp: 11317  
Ion Ratio Lower Upper  
138 100  
92 43.3 29.6 69.6  
108 82.6 78.1 118.1

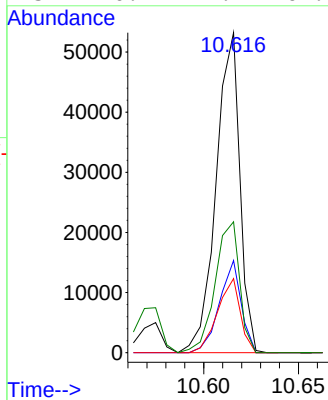
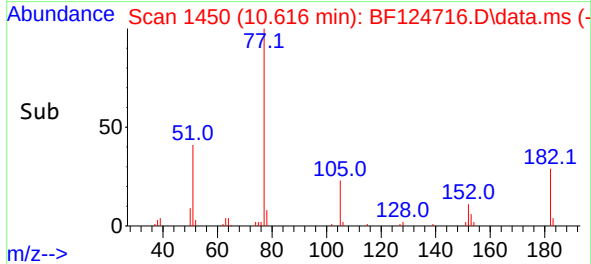




#63  
Azobenzene  
Concen: 39.932 ng  
RT: 10.616 min Scan# 1450  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46



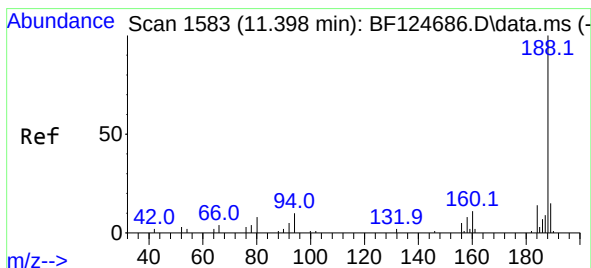
Tgt Ion: 77 Resp: 46490  
Ion Ratio Lower Upper  
77 100  
182 28.8 6.3 46.3  
105 23.1 2.9 42.9  
51 40.9 24.1 64.1



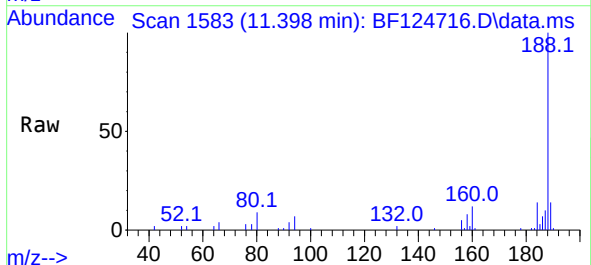
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

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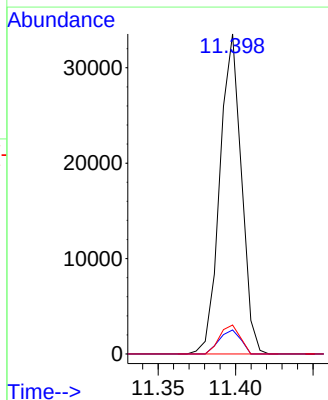
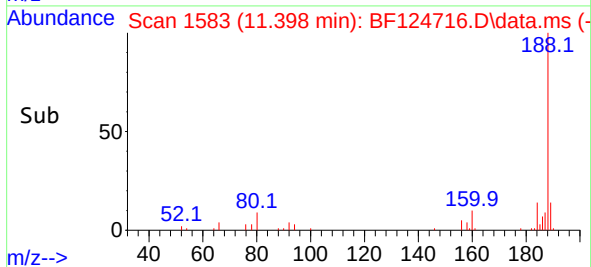
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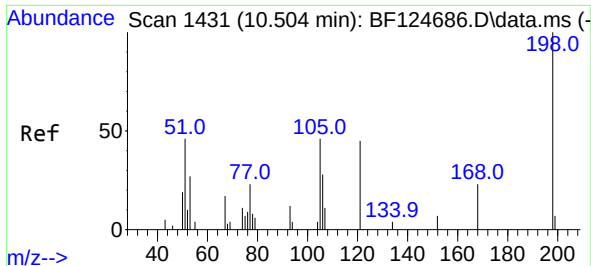


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.398 min Scan# 1583  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46



Tgt Ion: 188 Resp: 32450  
Ion Ratio Lower Upper  
188 100  
94 7.5 6.7 10.1  
80 9.1 7.5 11.3





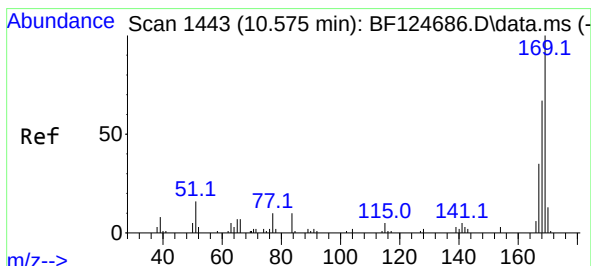
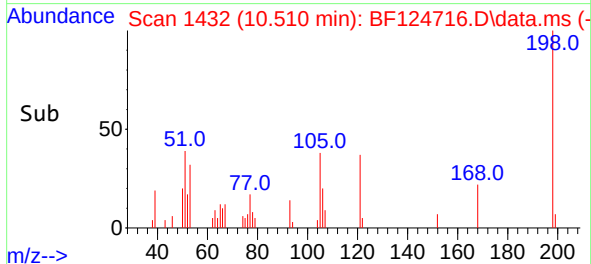
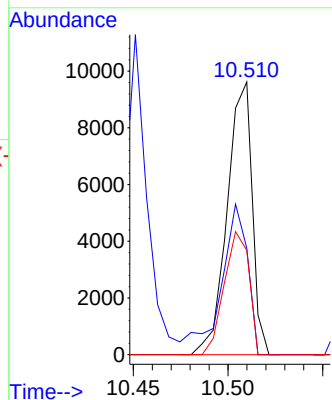
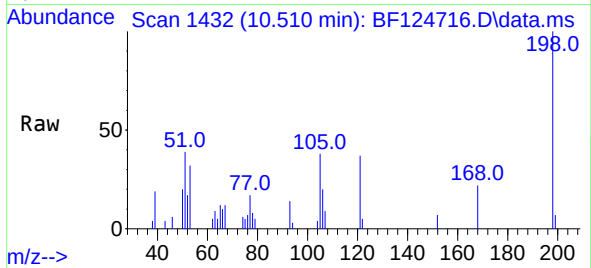
#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.998 ng  
RT: 10.510 min Scan# 1432  
Delta R.T. 0.006 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:198 Resp: 8826  
Ion Ratio Lower Upper  
198 100  
51 39.1 45.3 85.3#  
105 38.3 30.6 70.6

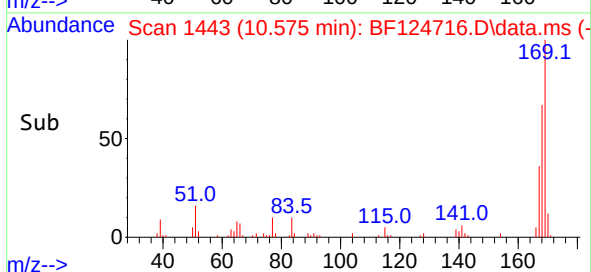
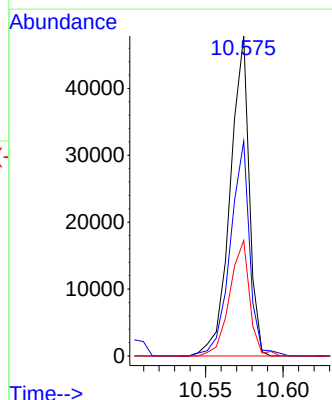
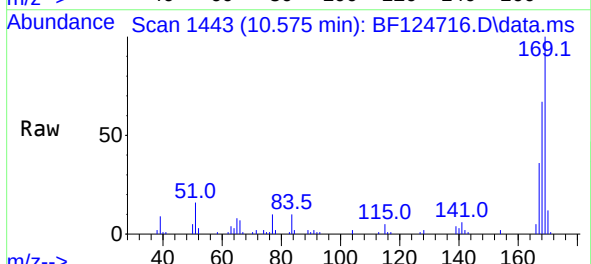
Manual Integrations  
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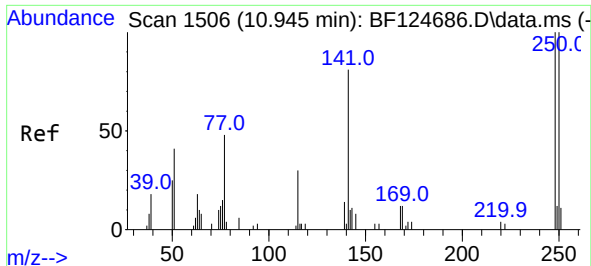
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#66  
n-Nitrosodiphenylamine  
Concen: 38.833 ng  
RT: 10.575 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

Tgt Ion:169 Resp: 40836  
Ion Ratio Lower Upper  
169 100  
168 67.2 50.8 76.2  
167 36.1 28.8 43.2





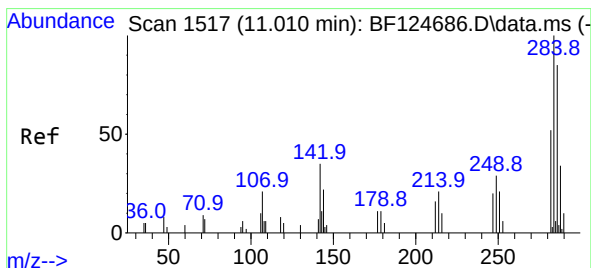
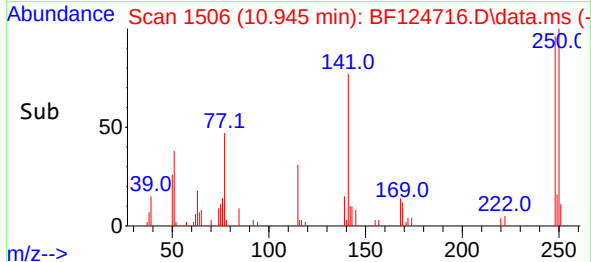
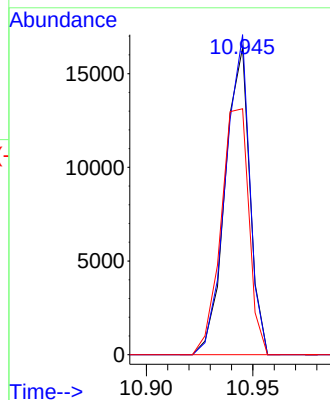
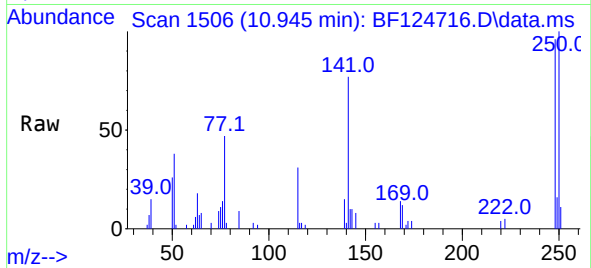
#67  
4-Bromophenyl-phenylether  
Concen: 38.387 ng  
RT: 10.945 min Scan# 1506  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:248 Resp: 13211  
Ion Ratio Lower Upper  
248 100  
250 104.1 74.2 111.4  
141 80.0 60.4 90.6

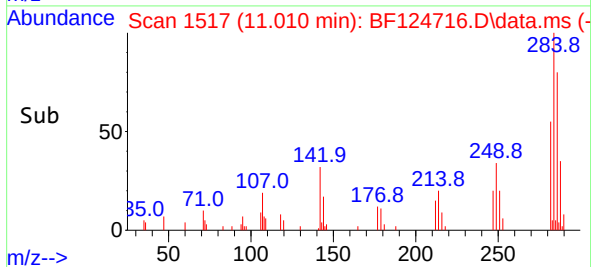
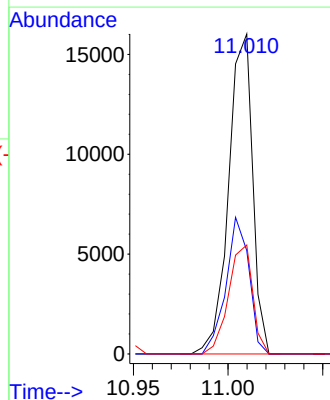
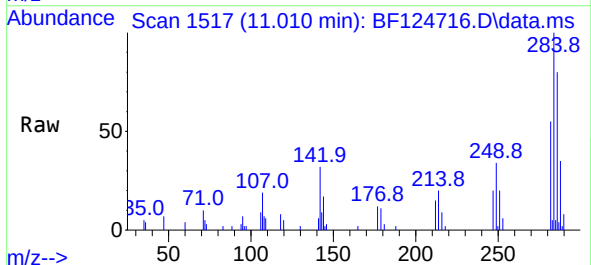
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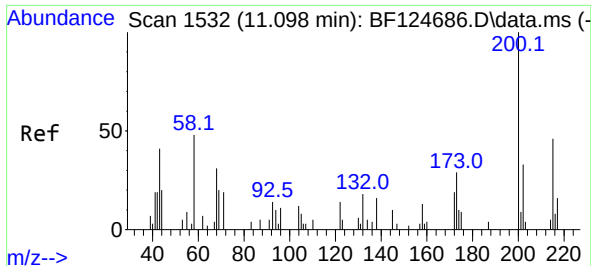
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#68  
Hexachlorobenzene  
Concen: 39.388 ng  
RT: 11.010 min Scan# 1517  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

Tgt Ion:284 Resp: 14078  
Ion Ratio Lower Upper  
284 100  
142 32.3 36.4 54.6#  
249 34.0 25.6 38.4





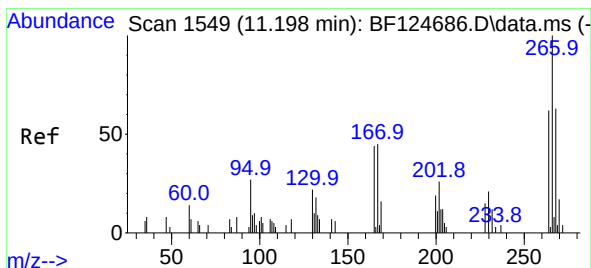
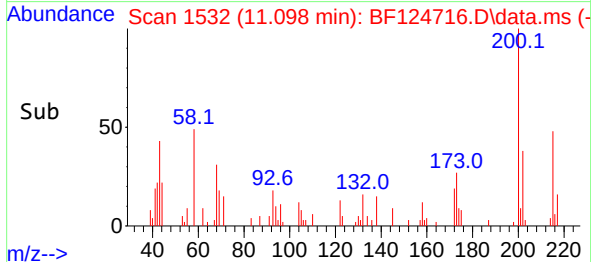
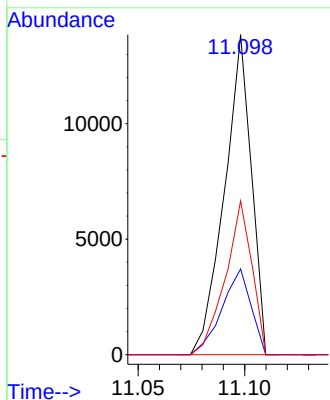
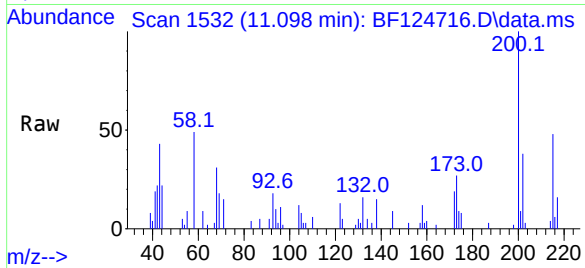
#69  
Atrazine  
Concen: 37.999 ng  
RT: 11.098 min Scan# 1532  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

Tgt Ion:200 Resp: 12149  
Ion Ratio Lower Upper  
200 100  
173 26.8 11.1 51.1  
215 48.0 22.7 62.7

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

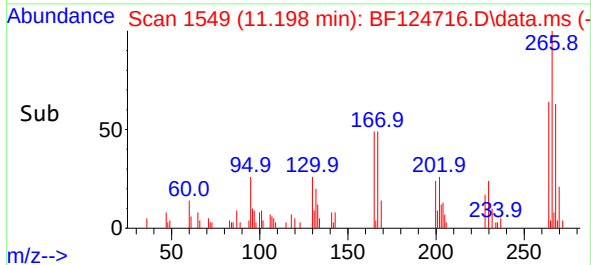
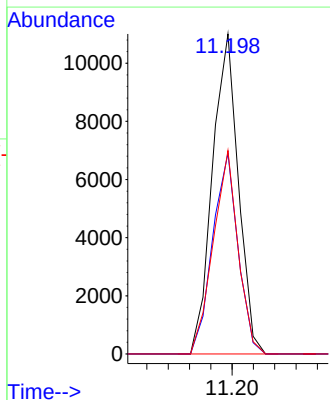
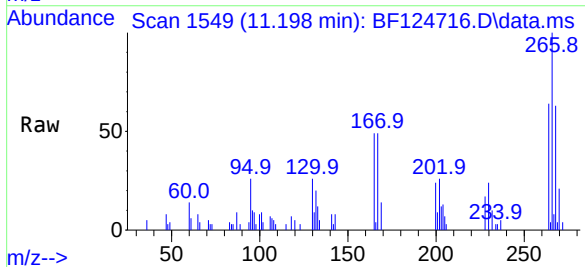
Manual Integrations  
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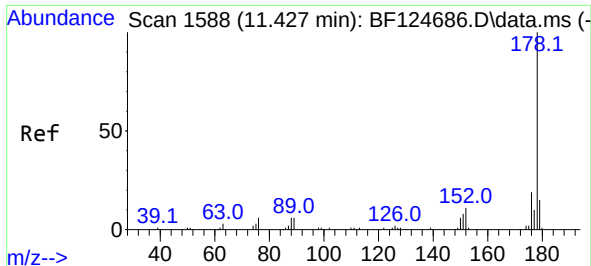
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#70  
Pentachlorophenol  
Concen: 41.808 ng  
RT: 11.198 min Scan# 1549  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

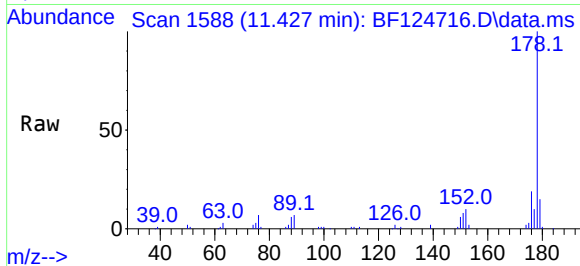
Tgt Ion:266 Resp: 9292  
Ion Ratio Lower Upper  
266 100  
268 62.7 48.9 73.3  
264 63.6 55.9 83.9





#71  
Phenanthrene  
Concen: 38.528 ng  
RT: 11.427 min Scan# 1588  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

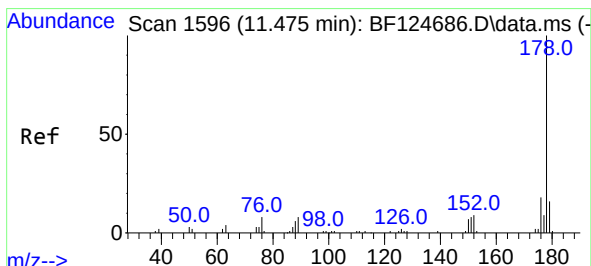
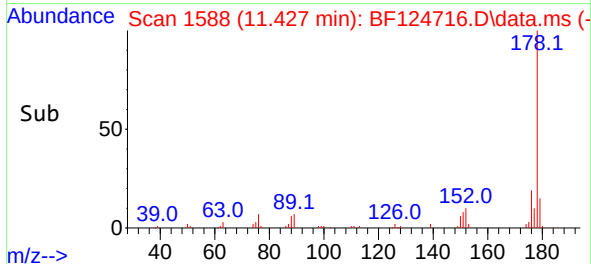
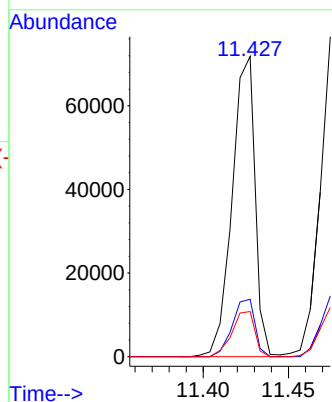
Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040



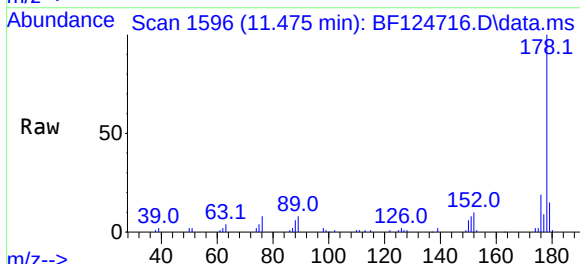
Tgt Ion:178 Resp: 67243  
Ion Ratio Lower Upper  
178 100  
176 19.1 14.7 22.1  
179 15.0 11.5 17.3

Manual Integrations  
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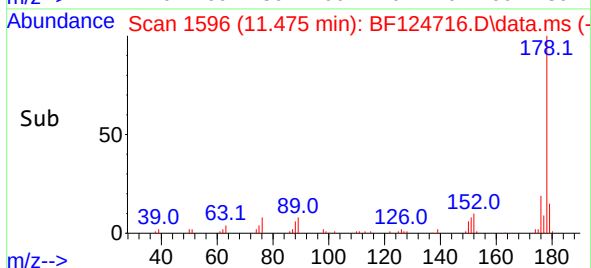
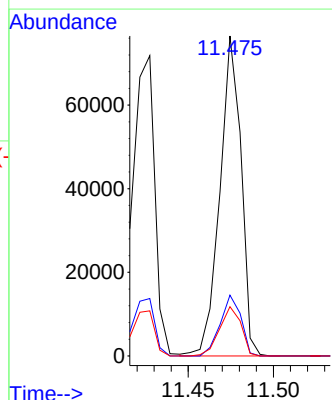
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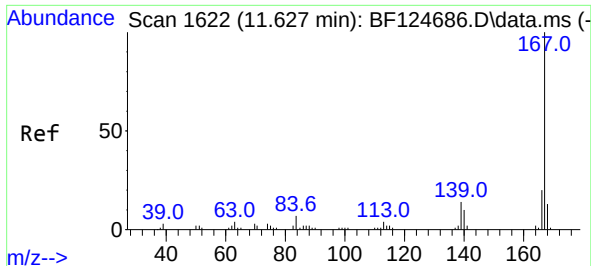


#72  
Anthracene  
Concen: 37.970 ng  
RT: 11.475 min Scan# 1596  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

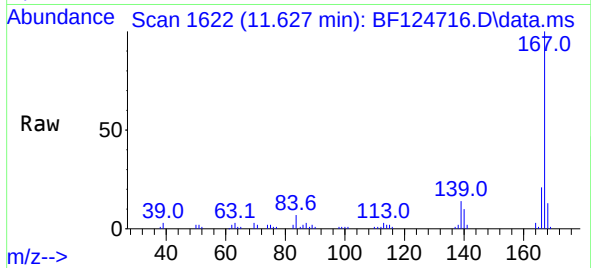


Tgt Ion:178 Resp: 66250  
Ion Ratio Lower Upper  
178 100  
176 19.0 14.3 21.5  
179 15.4 12.2 18.4

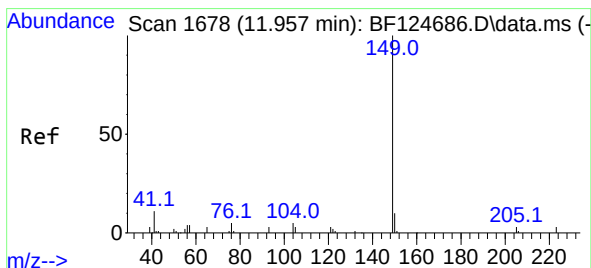
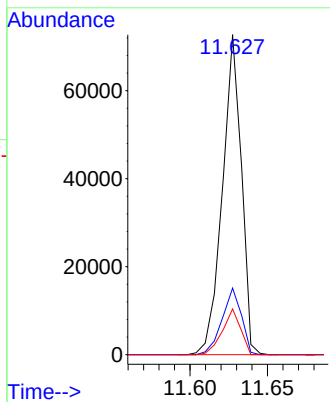
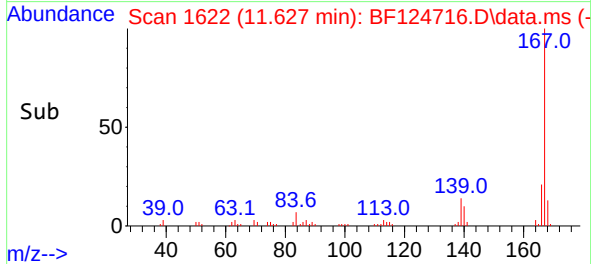




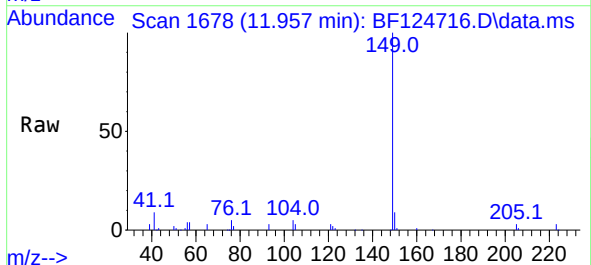
#73  
Carbazole  
Concen: 37.845 ng  
RT: 11.627 min Scan# 1622  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46



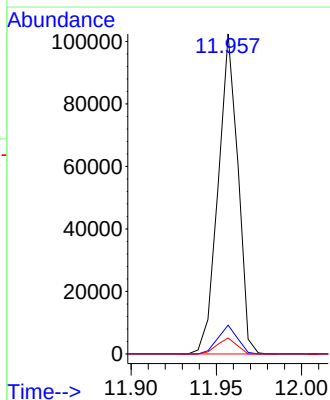
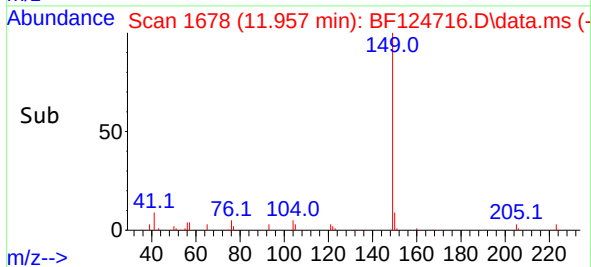
Tgt Ion:167 Resp: 61896  
Ion Ratio Lower Upper  
167 100  
166 20.8 17.4 26.0  
139 14.3 11.0 16.4



#74  
Di-n-butylphthalate  
Concen: 37.887 ng  
RT: 11.957 min Scan# 1678  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46



Tgt Ion:149 Resp: 82535  
Ion Ratio Lower Upper  
149 100  
150 9.0 7.4 11.2  
104 5.0 4.1 6.1

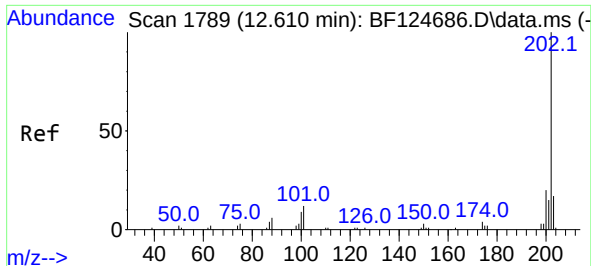


Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

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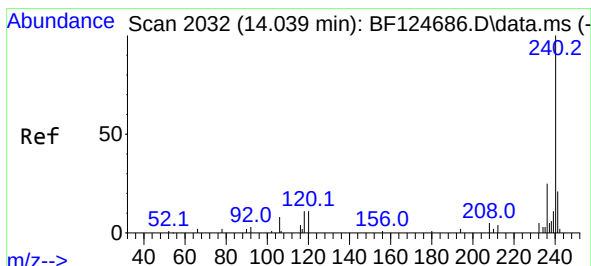
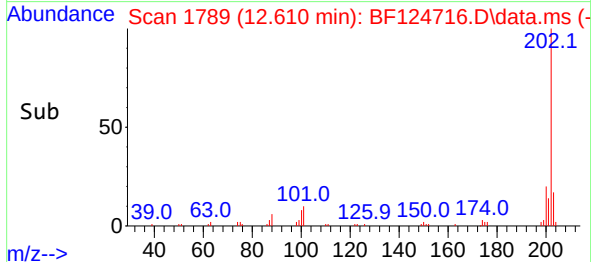
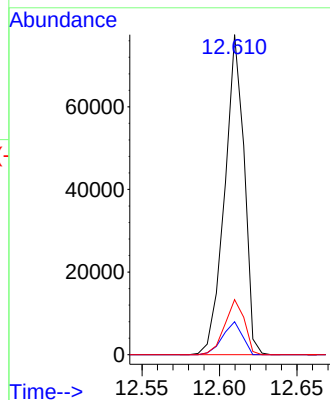
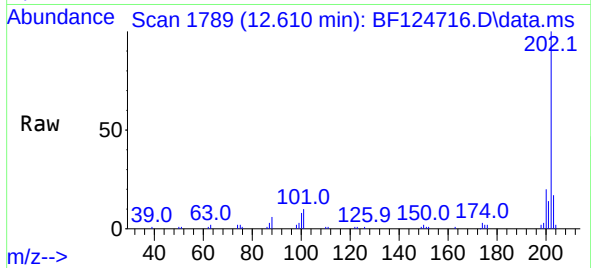
#75  
Fluoranthene  
Concen: 38.001 ng  
RT: 12.610 min Scan# 1789  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 202   | Resp: | 67680 |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 101       | 10.3  | 0.0   | 30.7  |
| 203       | 17.2  | 0.0   | 36.3  |

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

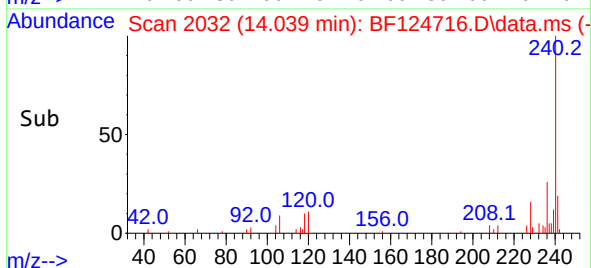
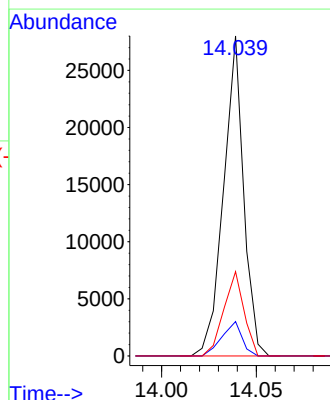
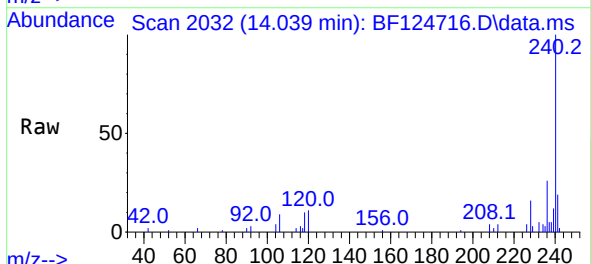
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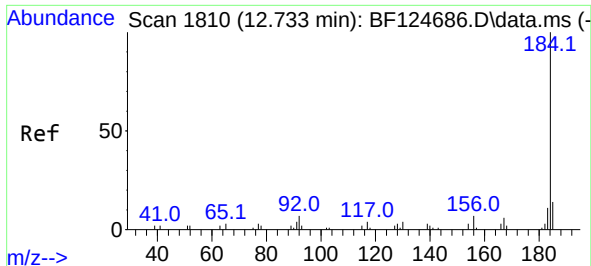
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#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.039 min Scan# 2032  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

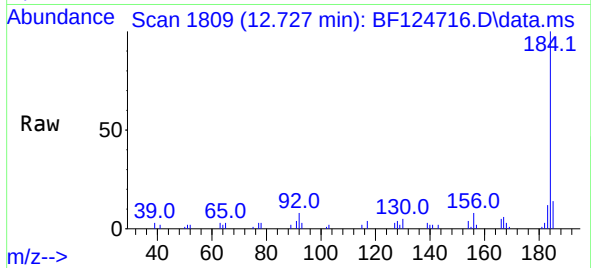
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 240   | Resp: | 20655 |
| Ion Ratio | Lower | Upper |       |
| 240       | 100   |       |       |
| 120       | 10.8  | 10.8  | 16.2# |
| 236       | 26.3  | 21.6  | 32.4  |





#77  
Benzidine  
Concen: 43.714 ng  
RT: 12.727 min Scan# 1809  
Delta R.T. -0.006 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

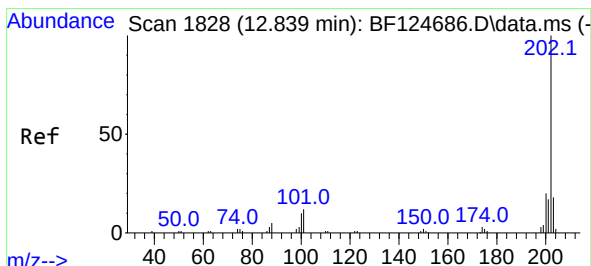
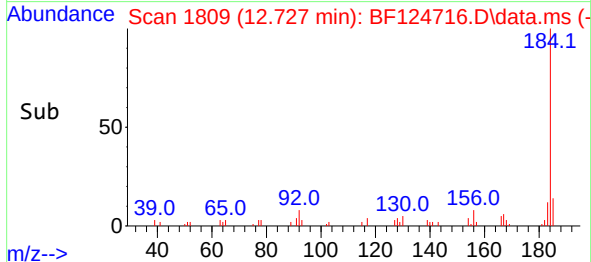
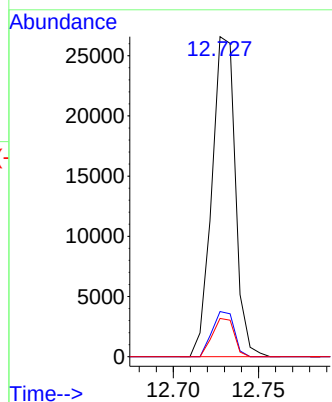
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



Tgt Ion:184 Resp: 25461  
Ion Ratio Lower Upper  
184 100  
185 14.1 10.8 16.2  
183 11.9 8.1 12.1

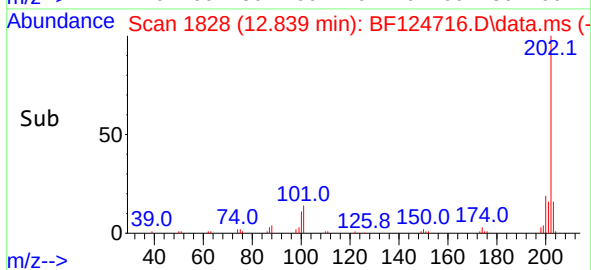
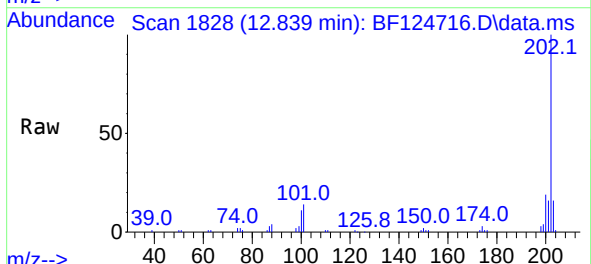
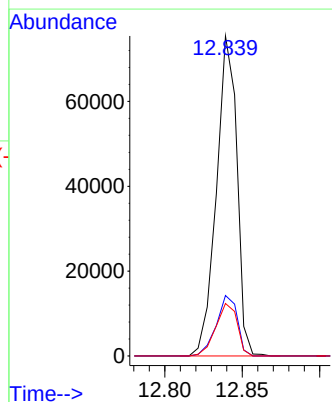
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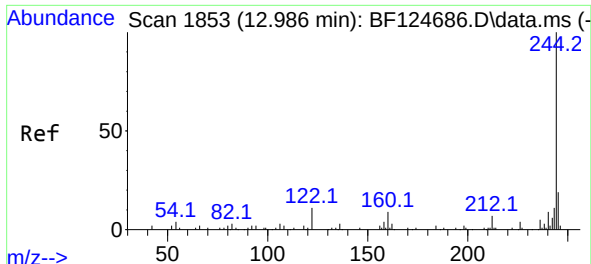
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#78  
Pyrene  
Concen: 42.400 ng  
RT: 12.839 min Scan# 1828  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

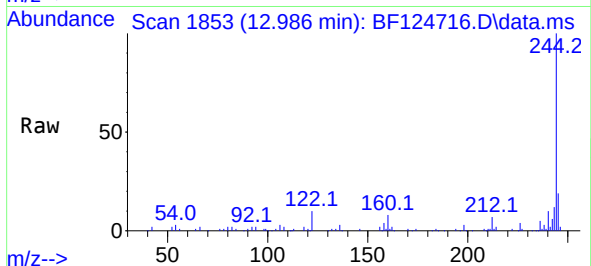
Tgt Ion:202 Resp: 69333  
Ion Ratio Lower Upper  
202 100  
200 18.9 15.3 22.9  
203 16.4 13.4 20.0





#79  
Terphenyl-d14  
Concen: 83.072 ng  
RT: 12.986 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

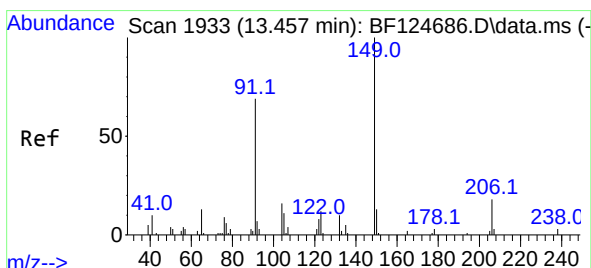
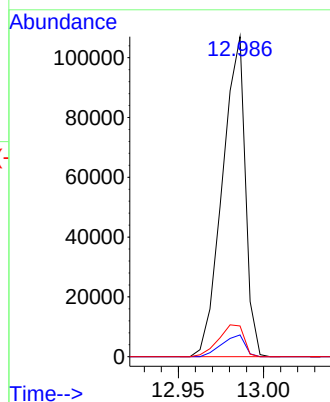
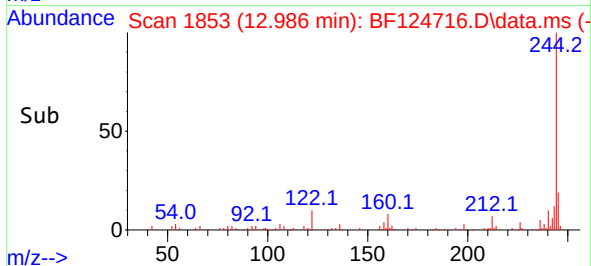
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



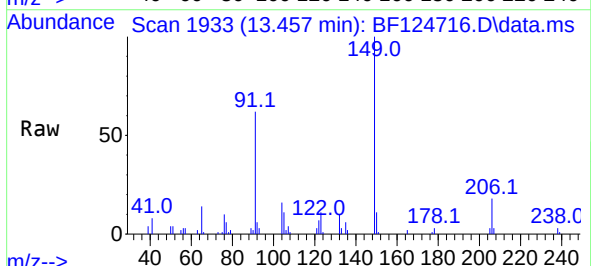
Tgt Ion:244 Resp: 100099  
Ion Ratio Lower Upper  
244 100  
212 6.8 5.9 8.9  
122 9.6 9.0 13.4

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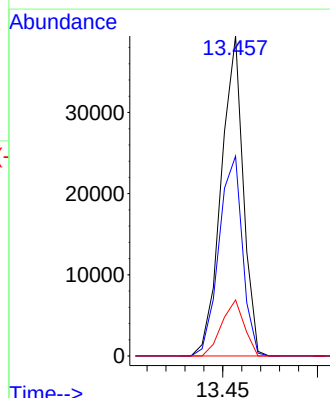
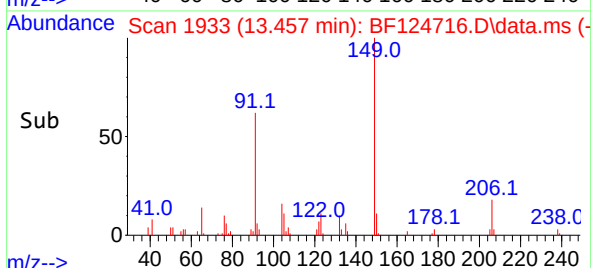
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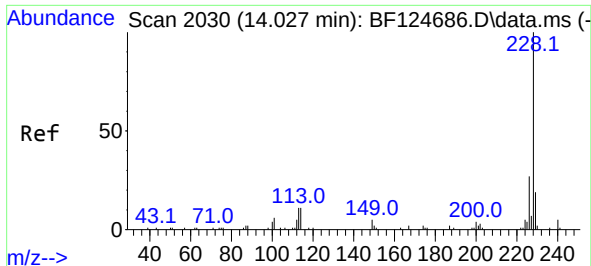


#80  
Butylbenzylphthalate  
Concen: 40.710 ng  
RT: 13.457 min Scan# 1933  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46



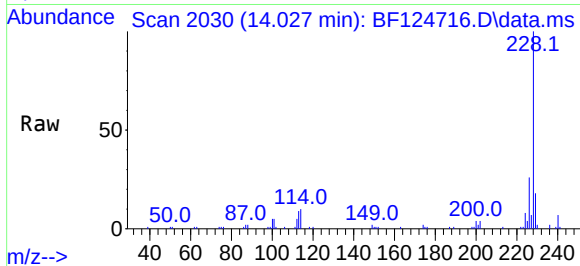
Tgt Ion:149 Resp: 31884  
Ion Ratio Lower Upper  
149 100  
91 62.4 51.8 77.8  
206 17.5 14.5 21.7





#81  
Benzo(a)anthracene  
Concen: 40.181 ng  
RT: 14.027 min Scan# 2030  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

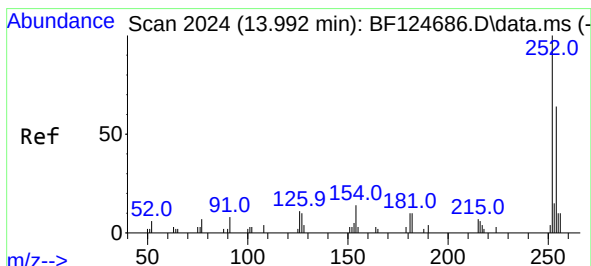
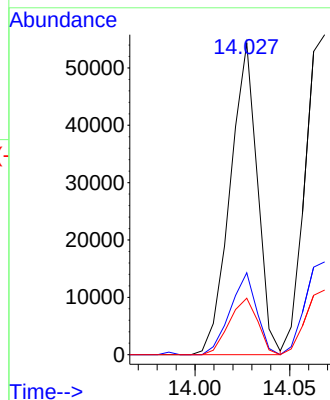
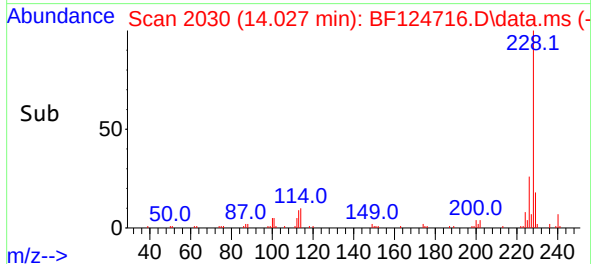
Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040



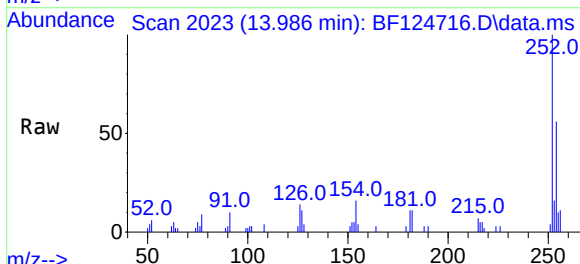
Tgt Ion:228 Resp: 54251  
Ion Ratio Lower Upper  
228 100  
226 26.3 21.6 32.4  
229 18.1 15.6 23.4

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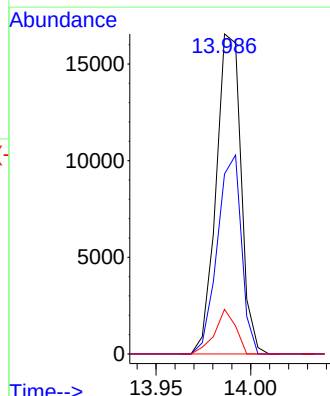
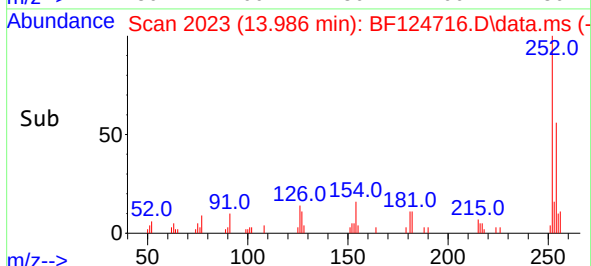
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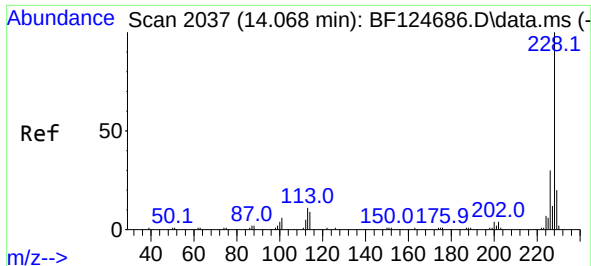


#82  
3,3'-Dichlorobenzidine  
Concen: 40.361 ng  
RT: 13.986 min Scan# 2023  
Delta R.T. -0.006 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46



Tgt Ion:252 Resp: 15123  
Ion Ratio Lower Upper  
252 100  
254 56.2 51.4 77.0  
126 14.0 9.5 14.3





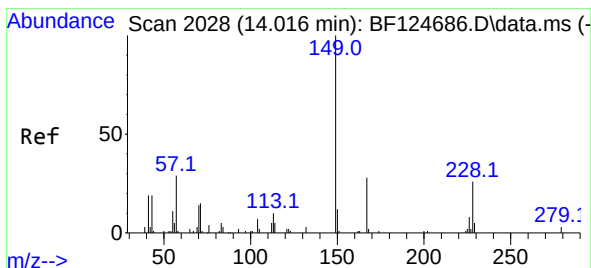
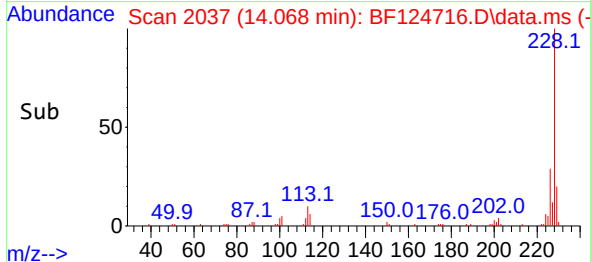
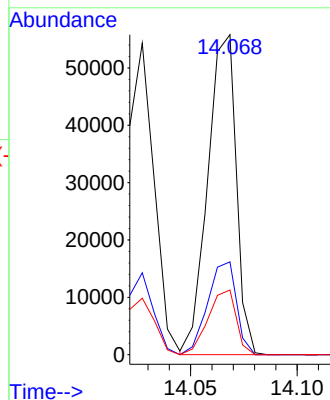
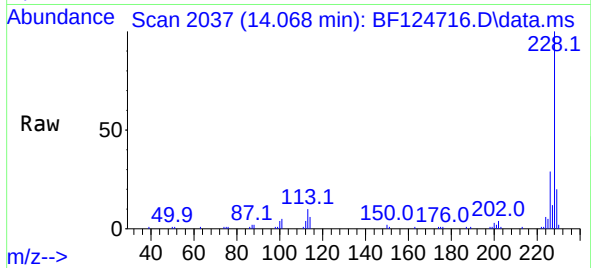
#83  
Chrysene  
Concen: 40.012 ng  
RT: 14.068 min Scan# 2037  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 52046 |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 226       | 29.0  | 22.6  | 34.0  |
| 229       | 20.2  | 15.9  | 23.9  |

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

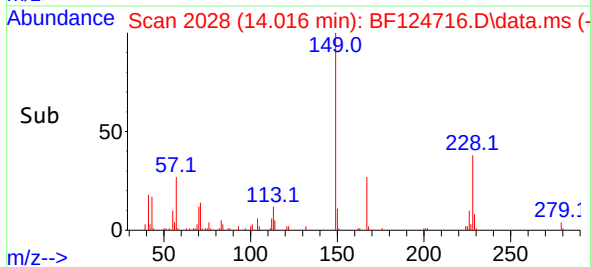
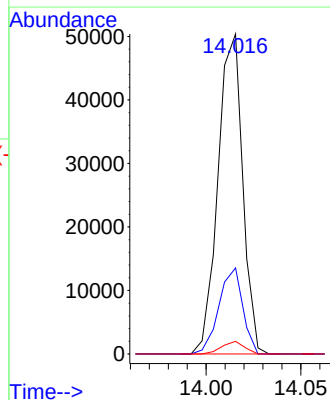
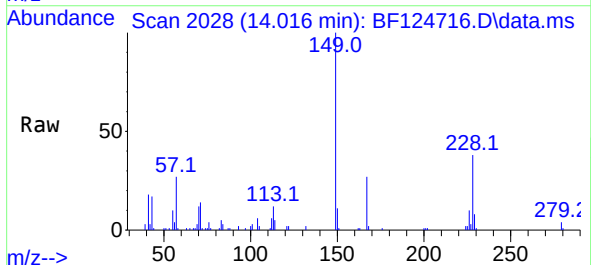
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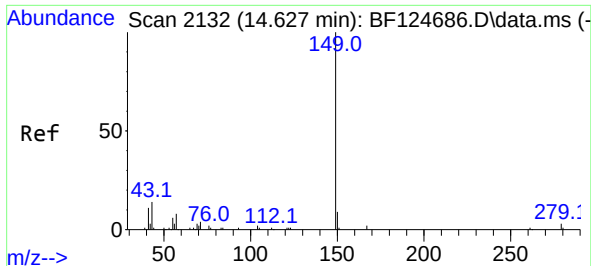
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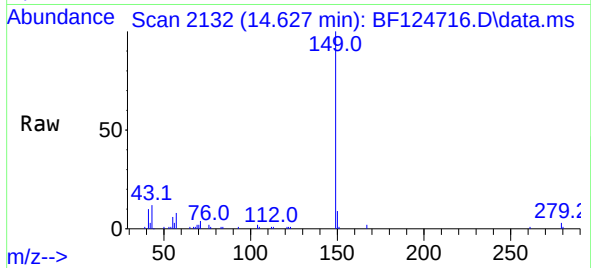
#84  
Bis(2-ethylhexyl)phthalate  
Concen: 39.594 ng  
RT: 14.016 min Scan# 2028  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 45676 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 167       | 26.9  | 21.4  | 32.0  |
| 279       | 4.0   | 2.6   | 4.0   |

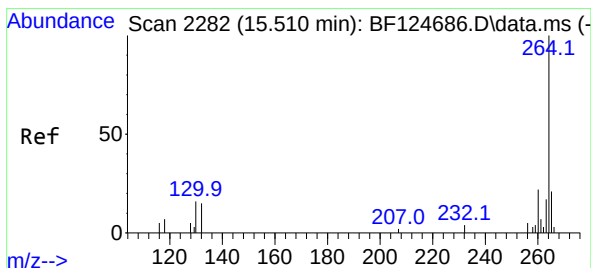
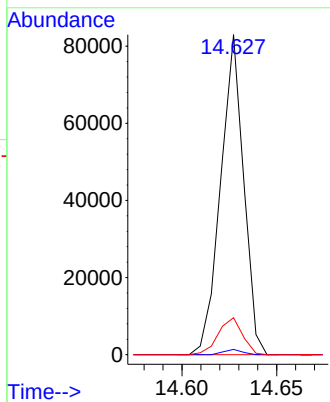
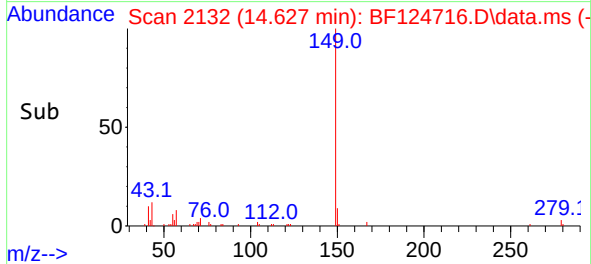




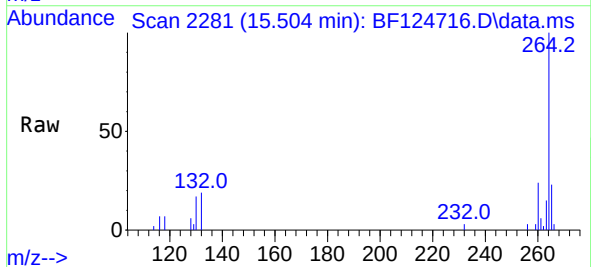
#85  
Di-n-octyl phthalate  
Concen: 37.504 ng  
RT: 14.627 min Scan# 2132  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46



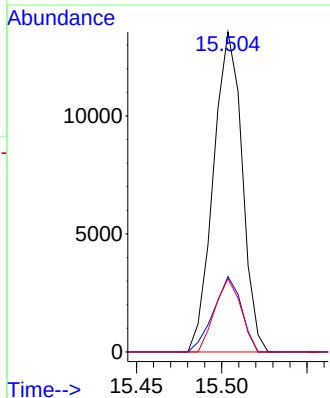
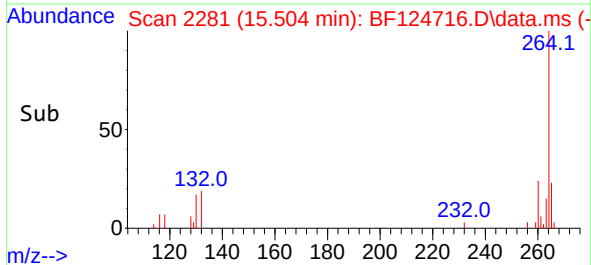
Tgt Ion:149 Resp: 70208  
Ion Ratio Lower Upper  
149 100  
167 1.3 1.0 1.6  
43 12.1 9.9 14.9



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.504 min Scan# 2281  
Delta R.T. -0.006 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46



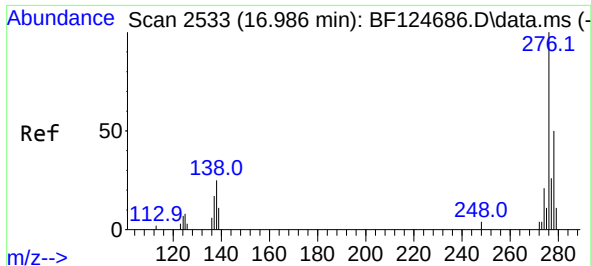
Tgt Ion:264 Resp: 15898  
Ion Ratio Lower Upper  
264 100  
260 23.5 19.6 29.4  
265 22.9 17.2 25.8



Instrument :  
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ClientSampleId :  
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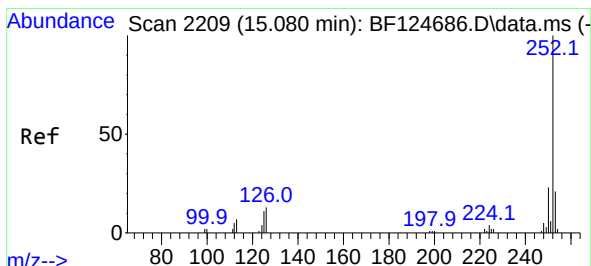
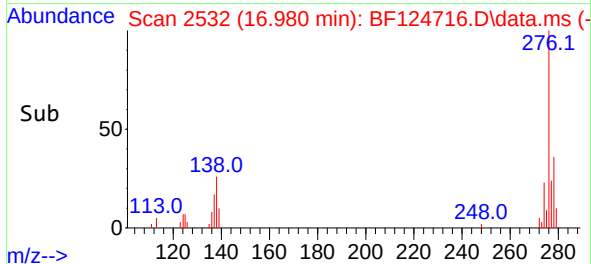
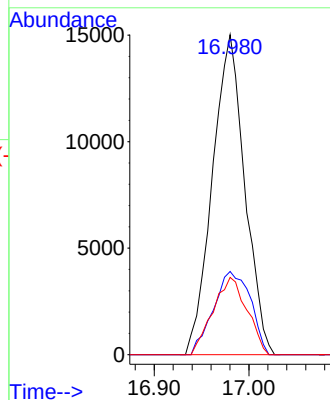
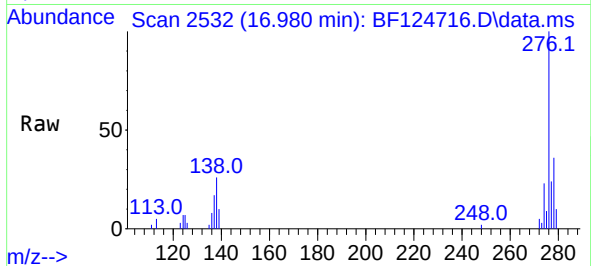
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 38.850 ng  
RT: 16.980 min Scan# 2532  
Delta R.T. -0.006 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

Tgt Ion: 276 Resp: 35658  
Ion Ratio Lower Upper  
276 100  
138 29.7 24.1 36.1  
277 25.4 18.8 28.2

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

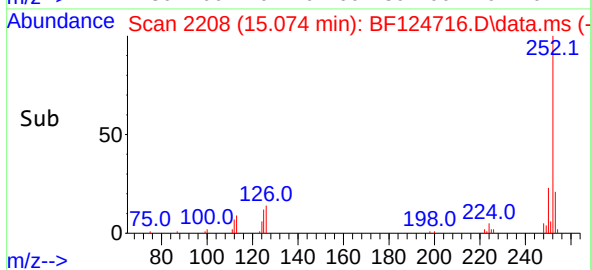
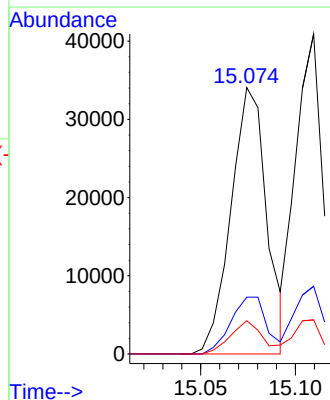
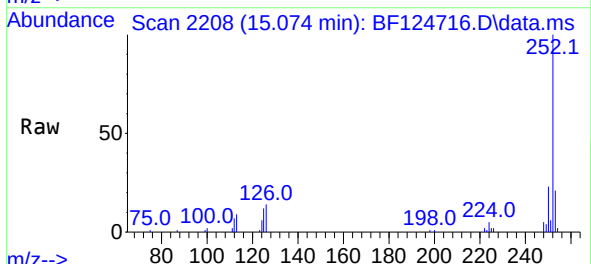
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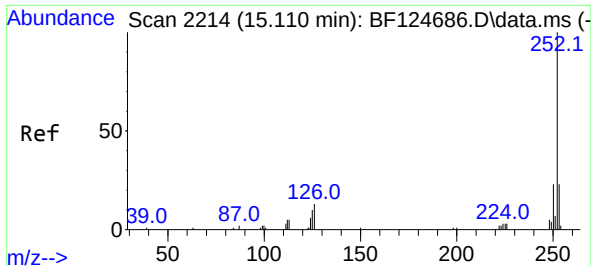
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#88  
Benzo(b)fluoranthene  
Concen: 40.045 ng  
RT: 15.074 min Scan# 2208  
Delta R.T. -0.006 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

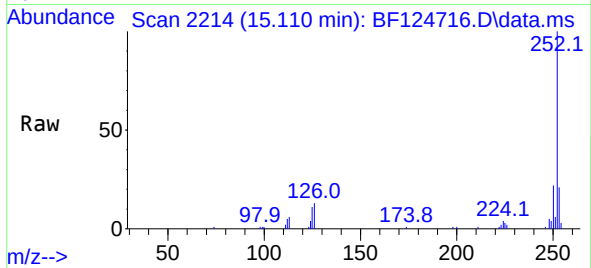
Tgt Ion: 252 Resp: 44824  
Ion Ratio Lower Upper  
252 100  
253 21.3 16.8 25.2  
125 12.5 9.8 14.8





#89  
Benzo(k)fluoranthene  
Concen: 39.082 ng  
RT: 15.110 min Scan# 2214  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

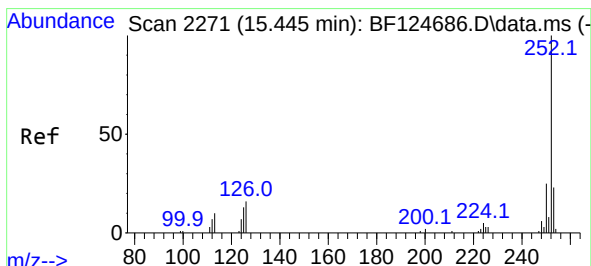
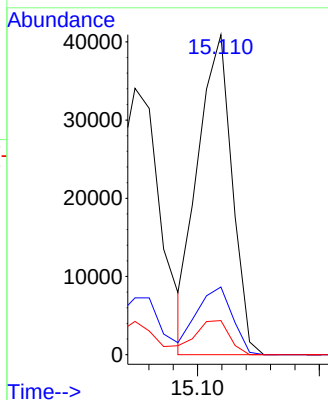
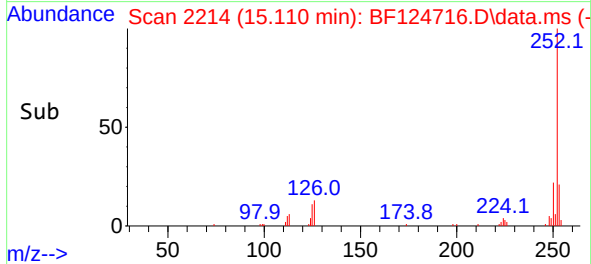
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



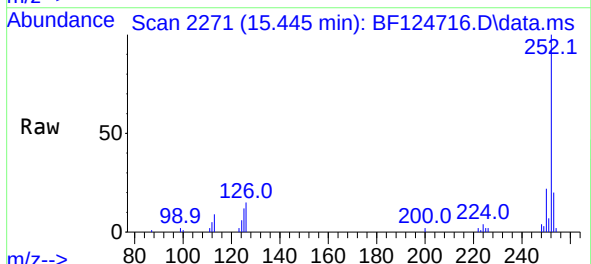
Tgt Ion:252 Resp: 39971  
Ion Ratio Lower Upper  
252 100  
253 21.1 17.8 26.8  
125 10.6 7.2 10.8

Manual Integrations  
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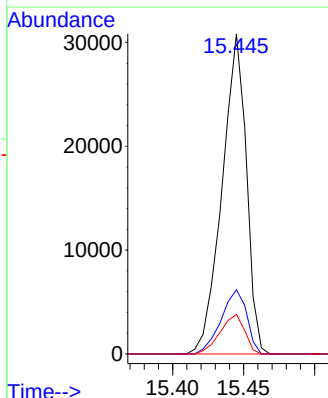
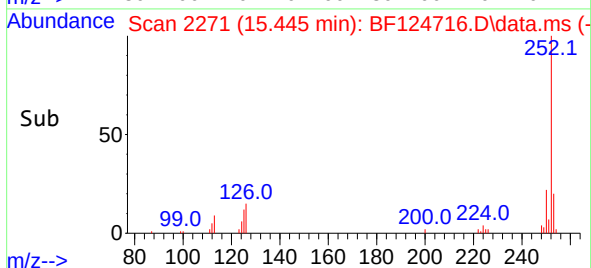
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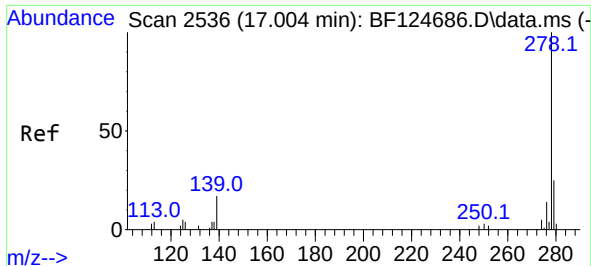
#90  
Benzo(a)pyrene  
Concen: 39.199 ng  
RT: 15.445 min Scan# 2271  
Delta R.T. 0.000 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46



Tgt Ion:252 Resp: 36653  
Ion Ratio Lower Upper  
252 100  
253 20.0 18.4 27.6  
125 12.4 9.9 14.9







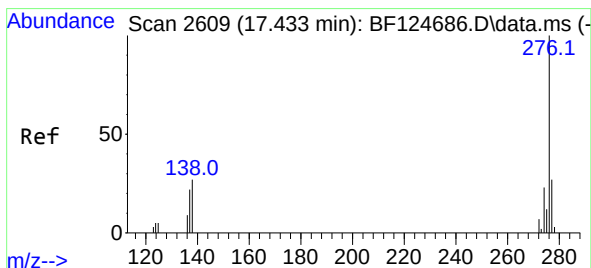
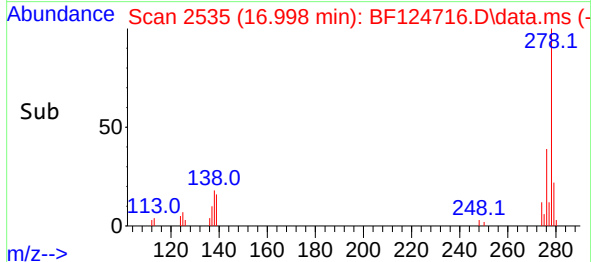
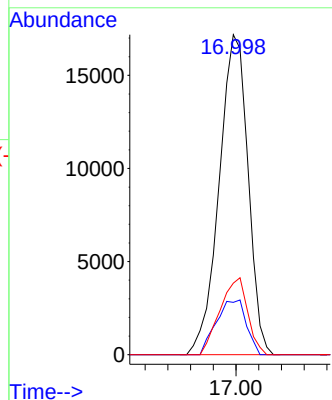
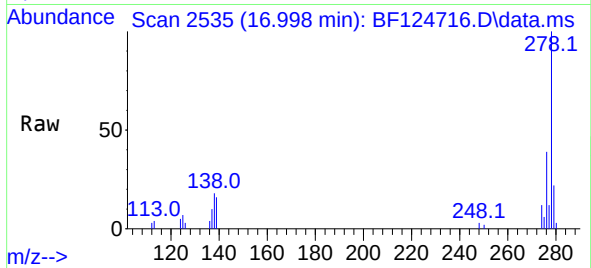
#91  
Dibenzo(a,h)anthracene  
Concen: 37.770 ng  
RT: 16.998 min Scan# 2535  
Delta R.T. -0.006 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

Tgt Ion:278 Resp: 30348  
Ion Ratio Lower Upper  
278 100  
139 16.3 14.9 22.3  
279 22.4 19.7 29.5

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Manual Integrations  
APPROVED

mohammad  
7/27/2021 12:04:05 PM



#92  
Benzo(g,h,i)perylene  
Concen: 38.583 ng  
RT: 17.427 min Scan# 2608  
Delta R.T. -0.006 min  
Lab File: BF124716.D  
Acq: 23 Jul 2021 16:46

Tgt Ion:276 Resp: 29398  
Ion Ratio Lower Upper  
276 100  
277 24.1 22.0 33.0  
138 25.7 22.2 33.4

