

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052621\  
 Data File : BF124064.D  
 Acq On : 26 May 2021 14:37  
 Operator : JU/CG  
 Sample : M2516-01MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 1-5-TPMSD

Manual Integrations  
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 5/27/2021 1:48:53 PM

Quant Time: May 26 14:58:07 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF051421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 14 19:05:57 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.892  | 152  | 51416    | 20.00  | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.181  | 136  | 198116   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.939  | 164  | 122663   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.427 | 188  | 232819   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.074 | 240  | 126947   | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.562 | 264  | 114129   | 20.00  | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.522  | 112  | 386886   | 105.65 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.528  | 99   | 489277   | 103.00 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.457  | 82   | 375545   | 81.67  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.733 | 330  | 199114   | 135.15 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.257  | 172  | 710130   | 71.24  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.016 | 244  | 825506   | 98.49  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.734  | 88   | 48297    | 30.03  | ng    | 97       |
| 3) Pyridine                   | 3.487  | 79   | 125923   | 30.34  | ng    | 93       |
| 4) n-Nitrosodimethylamine     | 3.446  | 42   | 94765    | 35.15  | ng    | 93       |
| 6) Aniline                    | 6.557  | 93   | 150669   | 27.94  | ng    | 93       |
| 8) 2-Chlorophenol             | 6.681  | 128  | 157680   | 41.37  | ng    | 98       |
| 9) Benzaldehyde               | 6.445  | 77   | 121430   | 59.07  | ng    | 92       |
| 10) Phenol                    | 6.540  | 94   | 210985   | 43.94  | ng    | 92       |
| 11) bis(2-Chloroethyl)ether   | 6.628  | 93   | 159217   | 42.67  | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 6.834  | 146  | 180311   | 40.61  | ng    | 95       |
| 13) 1,4-Dichlorobenzene       | 6.910  | 146  | 187060   | 41.18  | ng    | 95       |
| 14) 1,2-Dichlorobenzene       | 7.063  | 146  | 176170   | 41.51  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.034  | 79   | 169368   | 41.28  | ng    | 91       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.169  | 45   | 275839   | 36.72  | ng    | 91       |
| 17) 2-Methylphenol            | 7.151  | 107  | 131818   | 42.66  | ng    | # 91     |
| 18) Hexachloroethane          | 7.410  | 117  | 73378    | 43.59  | ng    | # 86     |
| 19) n-Nitroso-di-n-propyla... | 7.310  | 70   | 136407   | 42.49  | ng    | 92       |
| 20) 3+4-Methylphenols         | 7.298  | 107  | 177196   | 43.53  | ng    | # 85     |
| 22) Acetophenone              | 7.304  | 105  | 238800   | 42.45  | ng    | # 92     |
| 24) Nitrobenzene              | 7.481  | 77   | 194056   | 41.27  | ng    | 99       |
| 25) Isophorone                | 7.716  | 82   | 351732   | 39.76  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.792  | 139  | 92723    | 52.43  | ng    | 94       |
| 27) 2,4-Dimethylphenol        | 7.828  | 122  | 146458   | 43.25  | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 7.922  | 93   | 200233   | 45.02  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.034  | 162  | 149093   | 43.50  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 8.122  | 180  | 160492   | 41.64  | ng    | 98       |
| 31) Naphthalene               | 8.204  | 128  | 472285   | 40.28  | ng    | 98       |
| 32) Benzoic acid              | 7.963  | 122  | 79644    | 42.85  | ng    | 93       |
| 33) 4-Chloroaniline           | 8.245  | 127  | 39332    | 8.81   | ng    | 96       |
| 34) Hexachlorobutadiene       | 8.316  | 225  | 110994   | 43.99  | ng    | 95       |
| 35) Caprolactam               | 8.628  | 113  | 45467m   | 48.72  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.733  | 107  | 171990   | 45.88  | ng    | 92       |
| 37) 2-Methylnaphthalene       | 8.892  | 142  | 339244   | 42.69  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.992  | 142  | 313969   | 42.34  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.063  | 216  | 180314   | 40.76  | ng    | 96       |
| 41) Hexachlorocyclopentadiene | 9.045  | 237  | 176725   | 62.80  | ng    | 95       |
| 43) 2,4,6-Trichlorophenol     | 9.169  | 196  | 113609   | 39.58  | ng    | 96       |

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Instrument :  
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Manual Integrations  
 APPROVED

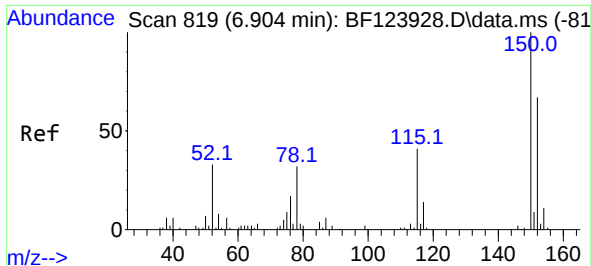
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Quant Time: May 26 14:58:07 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF051421.M  
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| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.210  | 196  | 124154   | 41.63 | ng    | 95       |
| 46) 1,1'-Biphenyl             | 9.357  | 154  | 434543   | 40.22 | ng    | 96       |
| 47) 2-Chloronaphthalene       | 9.381  | 162  | 327161   | 38.13 | ng    | 100      |
| 48) 2-Nitroaniline            | 9.475  | 65   | 136979   | 47.27 | ng    | 89       |
| 49) Acenaphthylene            | 9.798  | 152  | 508477   | 40.10 | ng    | 96       |
| 50) Dimethylphthalate         | 9.663  | 163  | 494375   | 50.47 | ng    | 97       |
| 51) 2,6-Dinitrotoluene        | 9.722  | 165  | 94279    | 47.60 | ng    | 90       |
| 52) Acenaphthene              | 9.975  | 154  | 322141   | 37.12 | ng    | 97       |
| 53) 3-Nitroaniline            | 9.886  | 138  | 42389    | 21.53 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.998  | 184  | 104682   | 96.65 | ng    | # 85     |
| 55) Dibenzofuran              | 10.145 | 168  | 498000   | 39.95 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.057 | 139  | 147943   | 90.86 | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 10.128 | 165  | 130079   | 53.54 | ng    | 92       |
| 58) Fluorene                  | 10.486 | 166  | 392946   | 41.83 | ng    | 90       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.263 | 232  | 110532   | 45.07 | ng    | 93       |
| 60) Diethylphthalate          | 10.357 | 149  | 443918   | 45.76 | ng    | 96       |
| 61) 4-Chlorophenyl-phenyle... | 10.475 | 204  | 201883   | 42.89 | ng    | 94       |
| 62) 4-Nitroaniline            | 10.510 | 138  | 92179    | 47.08 | ng    | 87       |
| 63) Azobenzene                | 10.639 | 77   | 440295   | 40.81 | ng    | 94       |
| 65) 4,6-Dinitro-2-methylph... | 10.539 | 198  | 73019    | 48.60 | ng    | # 64     |
| 66) n-Nitrosodiphenylamine    | 10.598 | 169  | 354759   | 39.88 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.969 | 248  | 127451   | 41.65 | ng    | 94       |
| 68) Hexachlorobenzene         | 11.039 | 284  | 144737   | 42.37 | ng    | 94       |
| 69) Atrazine                  | 11.127 | 200  | 125490   | 49.95 | ng    | 96       |
| 70) Pentachlorophenol         | 11.233 | 266  | 158219   | 78.13 | ng    | 97       |
| 71) Phenanthrene              | 11.451 | 178  | 588289   | 39.87 | ng    | 98       |
| 72) Anthracene                | 11.504 | 178  | 612879   | 40.99 | ng    | 98       |
| 73) Carbazole                 | 11.657 | 167  | 491064   | 37.54 | ng    | 97       |
| 74) Di-n-butylphthalate       | 11.986 | 149  | 712420   | 43.52 | ng    | 99       |
| 75) Fluoranthene              | 12.645 | 202  | 589709   | 38.60 | ng    | 98       |
| 77) Benzidine                 | 12.757 | 184  | 167252   | 54.60 | ng    | # 96     |
| 78) Pyrene                    | 12.874 | 202  | 559098   | 49.61 | ng    | 97       |
| 80) Butylbenzylphthalate      | 13.486 | 149  | 242567   | 54.88 | ng    | 93       |
| 81) Benzo(a)anthracene        | 14.063 | 228  | 377142   | 41.08 | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine    | 14.021 | 252  | 72731    | 25.50 | ng    | 100      |
| 83) Chrysene                  | 14.098 | 228  | 361067   | 40.89 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 14.045 | 149  | 326562   | 52.36 | ng    | 97       |
| 85) Di-n-octyl phthalate      | 14.663 | 149  | 462813   | 49.09 | ng    | 95       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.080 | 276  | 398856   | 45.25 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.127 | 252  | 346394   | 39.24 | ng    | 97       |
| 89) Benzo(k)fluoranthene      | 15.157 | 252  | 336073   | 41.77 | ng    | 97       |
| 90) Benzo(a)pyrene            | 15.504 | 252  | 331679   | 43.46 | ng    | 96       |
| 91) Dibenzo(a,h)anthracene    | 17.104 | 278  | 330822   | 44.57 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.539 | 276  | 328738   | 44.16 | ng    | 97       |

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





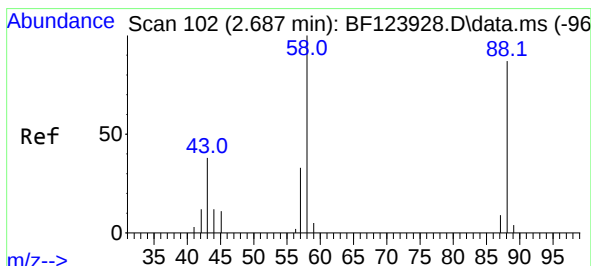
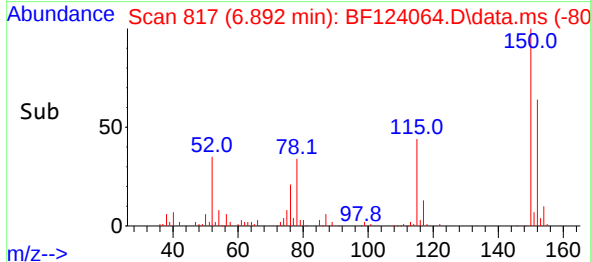
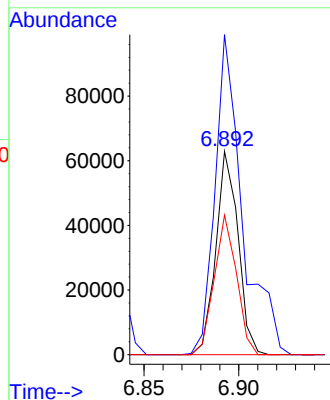
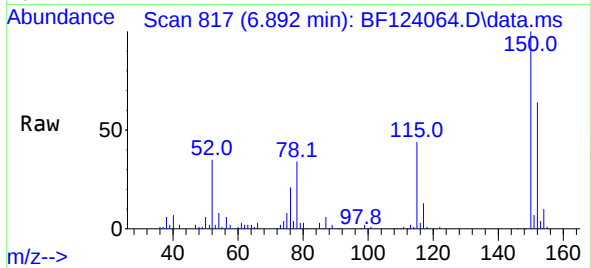
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1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.892 min Scan# 817  
Delta R.T. -0.012 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

Tgt Ion:152 Resp: 51416  
Ion Ratio Lower Upper  
152 100  
150 157.3 127.0 190.6  
115 68.6 54.3 81.5

Instrument :  
BNA\_F  
ClientSampled :  
1-5-TPMSD

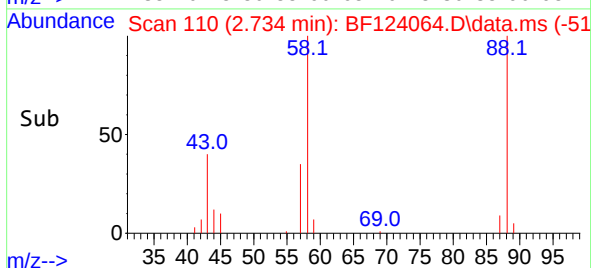
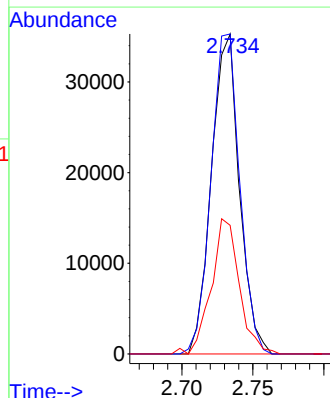
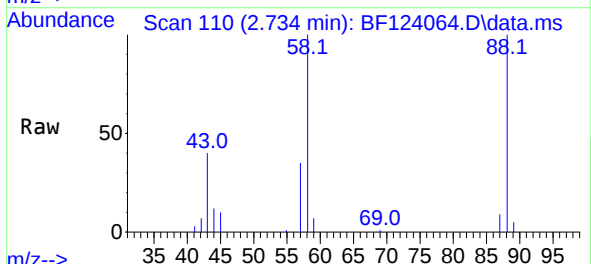
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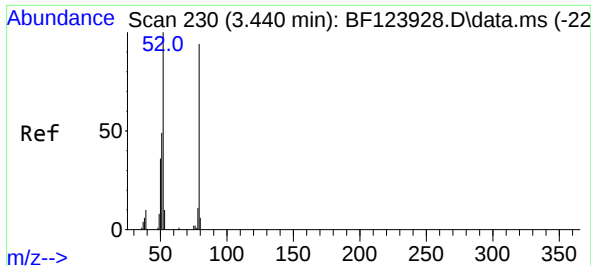
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#2  
1,4-Dioxane  
Concen: 30.03 ng  
RT: 2.734 min Scan# 110  
Delta R.T. 0.047 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

Tgt Ion: 88 Resp: 48297  
Ion Ratio Lower Upper  
88 100  
58 102.3 83.8 125.8  
43 42.3 32.2 48.4





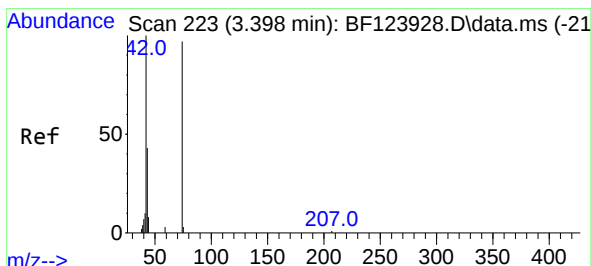
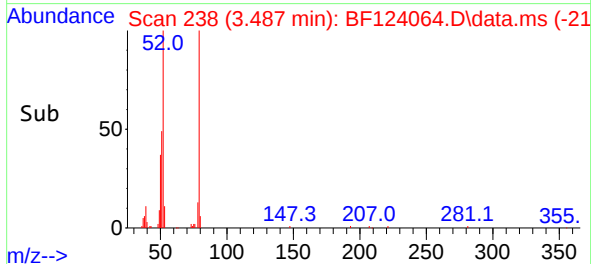
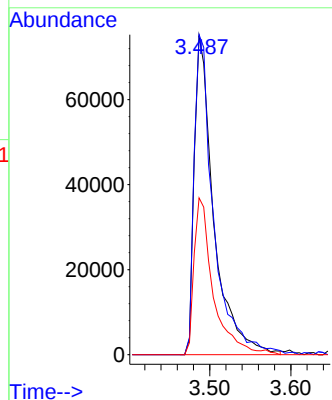
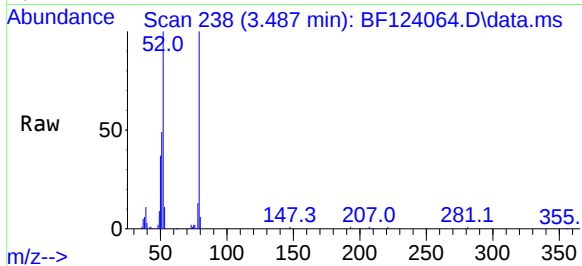
#3  
Pyridine  
Concen: 30.34 ng  
RT: 3.487 min Scan# 238  
Delta R.T. 0.047 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

Tgt Ion: 79 Resp: 125923  
Ion Ratio Lower Upper  
79 100  
52 100.4 87.4 131.0  
51 49.2 41.4 62.0

Instrument :  
BNA\_F  
ClientSampleId :  
1-5-TPMSD

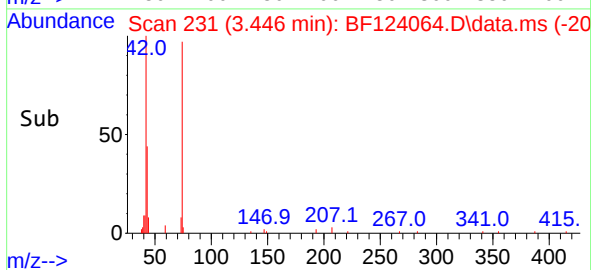
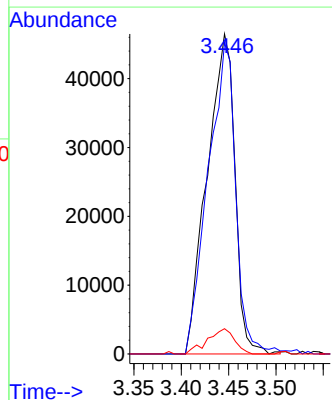
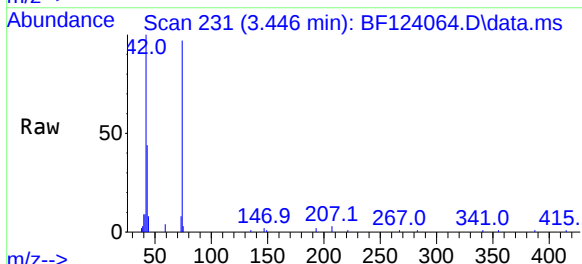
Manual Integrations  
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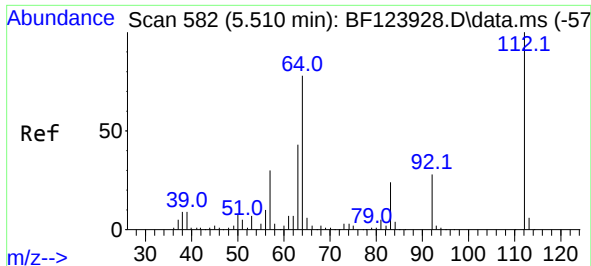
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#4  
n-Nitrosodimethylamine  
Concen: 35.15 ng  
RT: 3.446 min Scan# 231  
Delta R.T. 0.047 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

Tgt Ion: 42 Resp: 94765  
Ion Ratio Lower Upper  
42 100  
74 97.3 83.5 125.3  
44 7.9 5.7 8.5





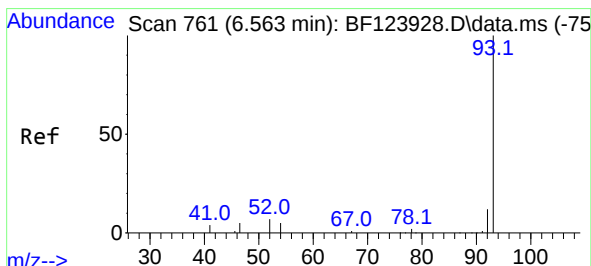
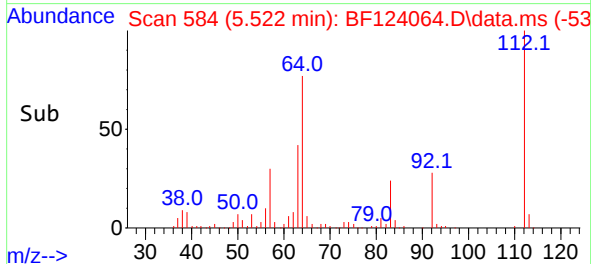
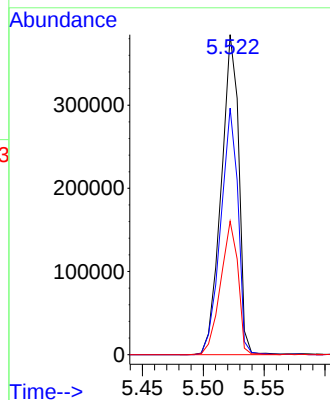
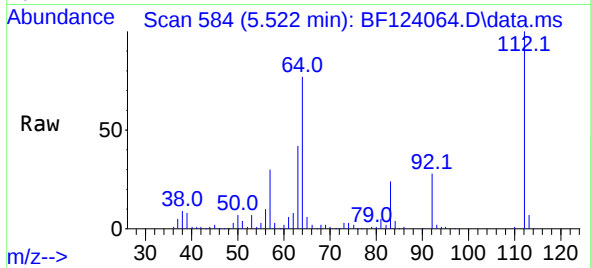
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2-Fluorophenol  
Concen: 105.65 ng  
RT: 5.522 min Scan# 584  
Delta R.T. 0.012 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

Tgt Ion: 112 Resp: 386886  
Ion Ratio Lower Upper  
112 100  
64 77.1 61.4 92.0  
63 41.7 33.0 49.4

Instrument :  
BNA\_F  
ClientSampled :  
1-5-TPMSD

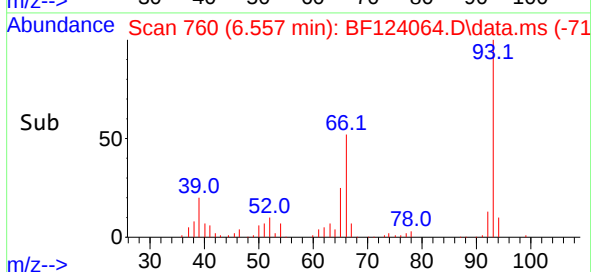
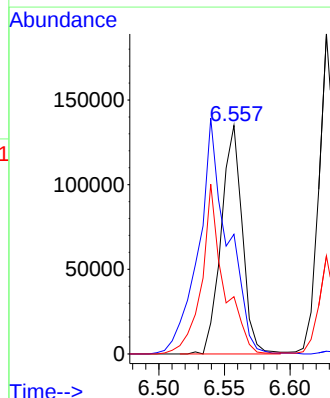
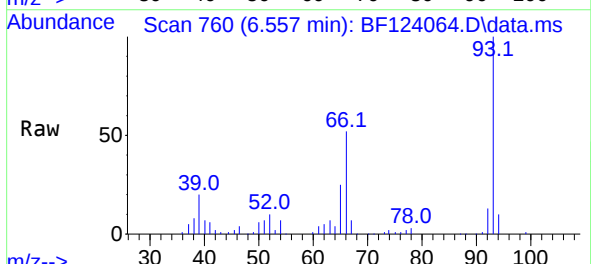
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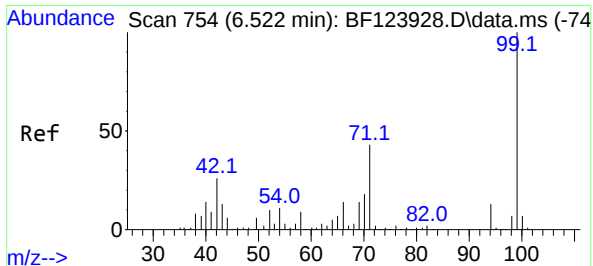
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#6  
Aniline  
Concen: 27.94 ng  
RT: 6.557 min Scan# 760  
Delta R.T. -0.006 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

Tgt Ion: 93 Resp: 150669  
Ion Ratio Lower Upper  
93 100  
66 52.4 36.4 54.6  
65 25.1 19.4 29.0





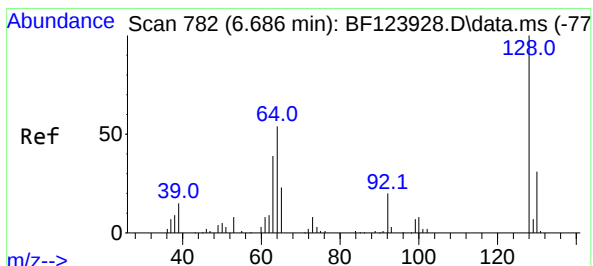
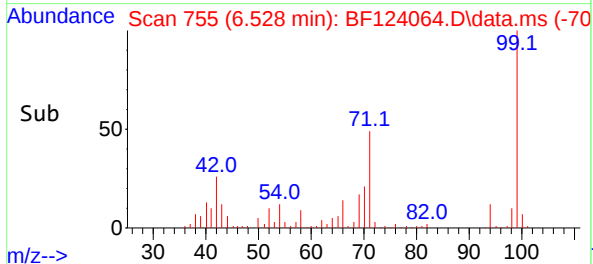
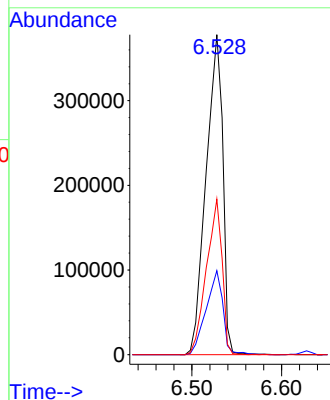
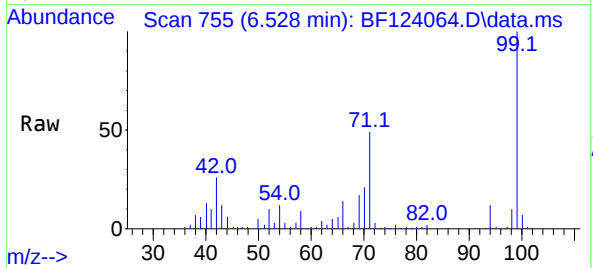
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Phenol-d6  
Concen: 103.00 ng  
RT: 6.528 min Scan# 755  
Delta R.T. 0.006 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

Tgt Ion: 99 Resp: 489277  
Ion Ratio Lower Upper  
99 100  
42 26.2 19.8 29.8  
71 48.6 31.1 46.7#

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ClientSampleId :  
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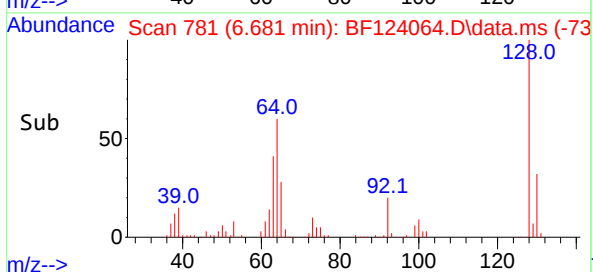
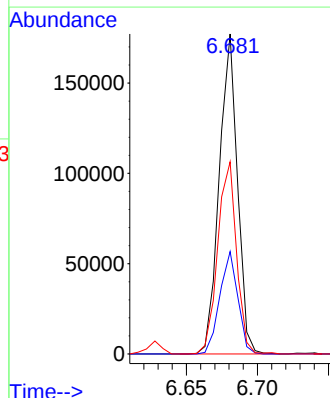
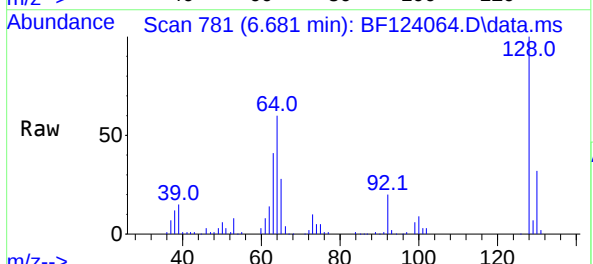
Manual Integrations  
APPROVED

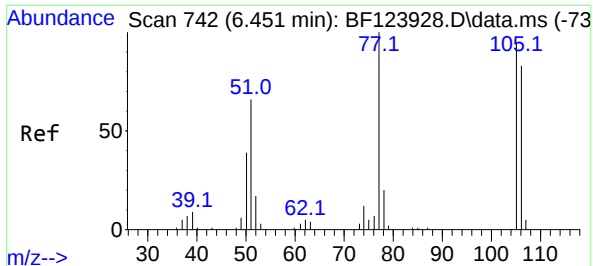
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#8  
2-Chlorophenol  
Concen: 41.37 ng  
RT: 6.681 min Scan# 781  
Delta R.T. -0.006 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

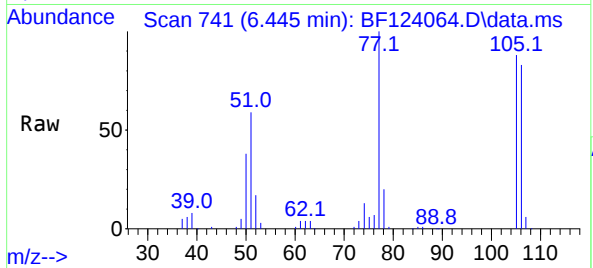
Tgt Ion:128 Resp: 157680  
Ion Ratio Lower Upper  
128 100  
130 32.0 12.6 52.6  
64 60.0 41.5 81.5





#9  
Benzaldehyde  
Concen: 59.07 ng  
RT: 6.445 min Scan# 741  
Delta R.T. -0.006 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

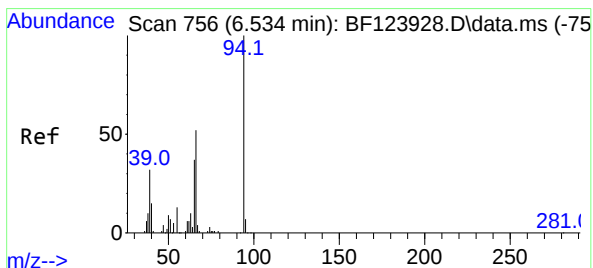
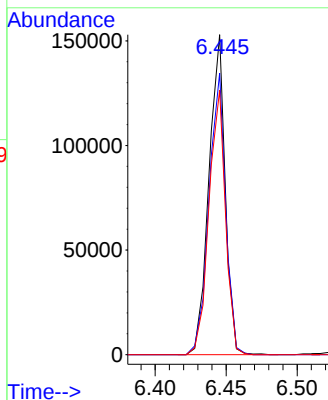
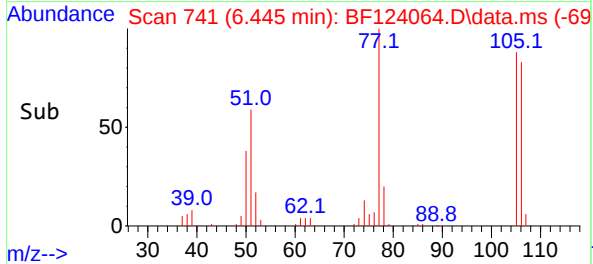
Instrument :  
BNA\_F  
ClientSampleId :  
1-5-TPMSD



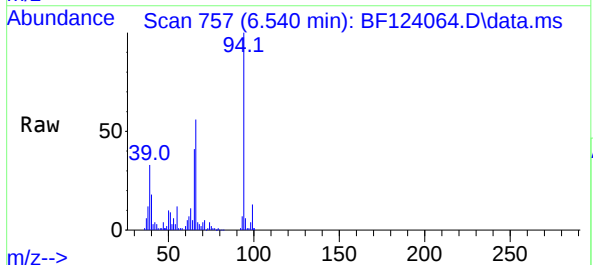
Tgt Ion: 77 Resp: 121430  
Ion Ratio Lower Upper  
77 100  
105 88.0 75.2 115.2  
106 82.7 71.6 111.6

Manual Integrations  
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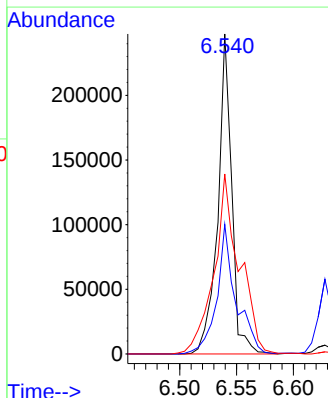
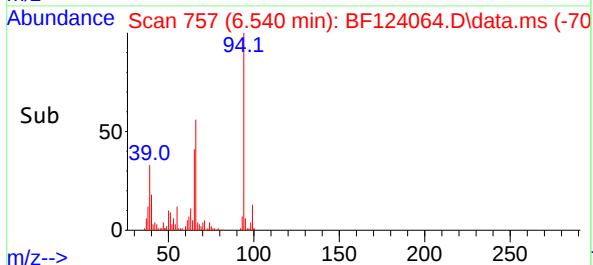
mohammad  
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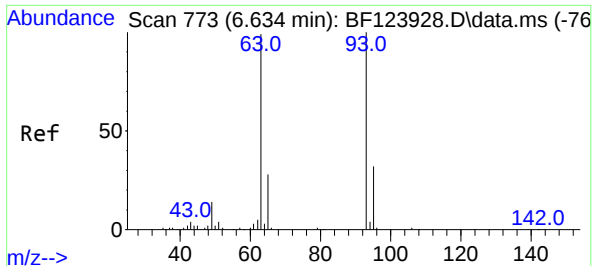


#10  
Phenol  
Concen: 43.94 ng  
RT: 6.540 min Scan# 757  
Delta R.T. 0.006 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37



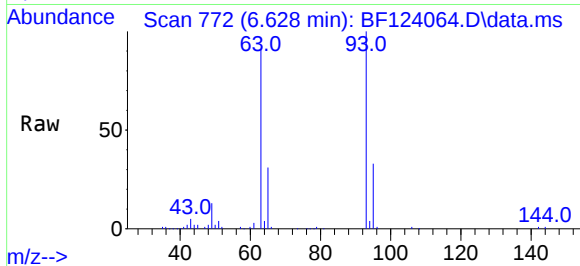
Tgt Ion: 94 Resp: 210985  
Ion Ratio Lower Upper  
94 100  
65 40.5 18.1 58.1  
66 56.2 29.0 69.0





#11  
bis(2-Chloroethyl)ether  
Concen: 42.67 ng  
RT: 6.628 min Scan# 772  
Delta R.T. -0.006 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

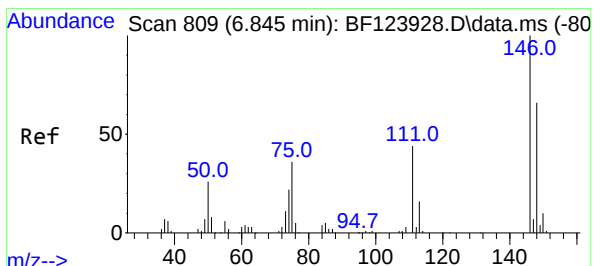
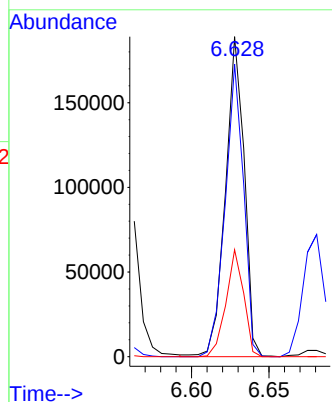
Instrument :  
BNA\_F  
ClientSampled :  
1-5-TPMSD



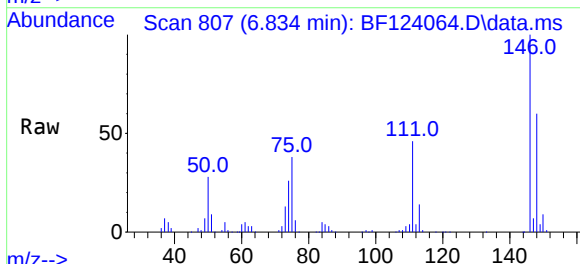
Tgt Ion: 93 Resp: 159217  
Ion Ratio Lower Upper  
93 100  
63 91.5 76.1 116.1  
95 33.4 11.5 51.5

Manual Integrations  
APPROVED

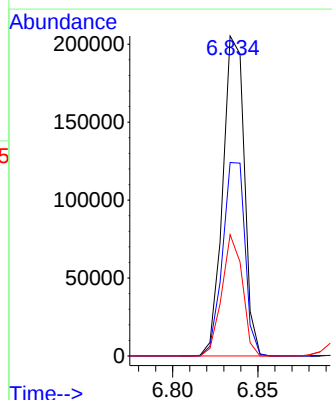
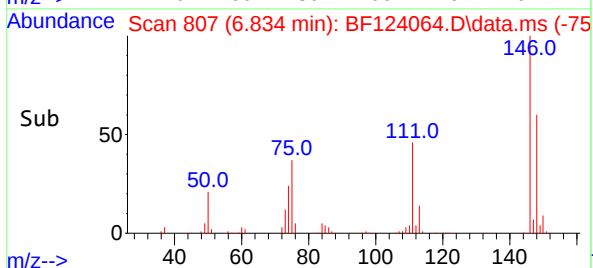
mohammad  
5/27/2021 1:48:53 PM

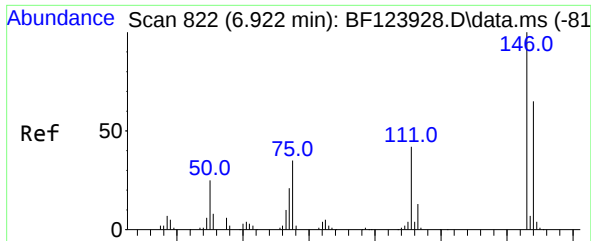


#12  
1,3-Dichlorobenzene  
Concen: 40.61 ng  
RT: 6.834 min Scan# 807  
Delta R.T. -0.012 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

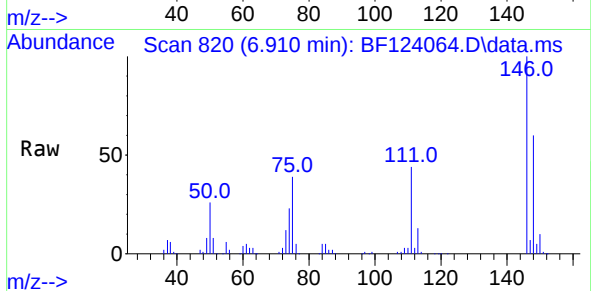


Tgt Ion: 146 Resp: 180311  
Ion Ratio Lower Upper  
146 100  
148 60.5 50.9 76.3  
75 37.9 34.2 51.4

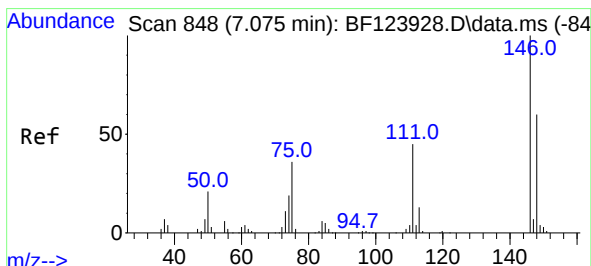
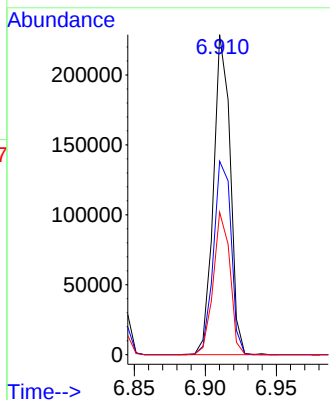
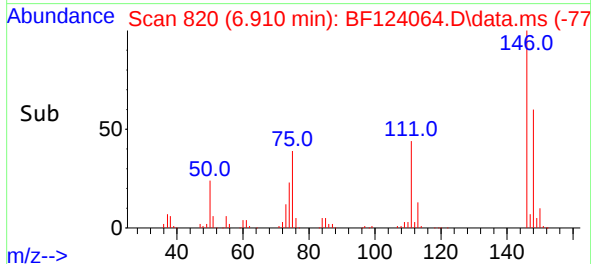




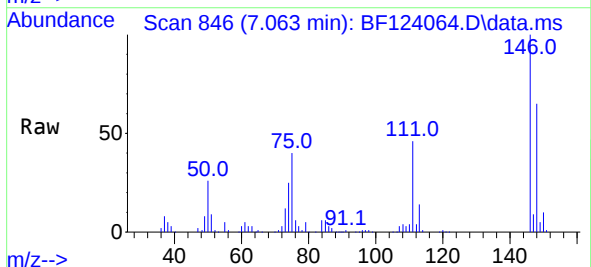
#13  
1,4-Dichlorobenzene  
Concen: 41.18 ng  
RT: 6.910 min Scan# 820  
Delta R.T. -0.012 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37



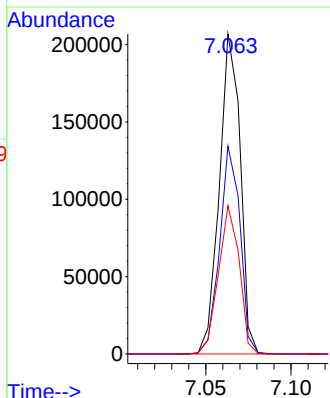
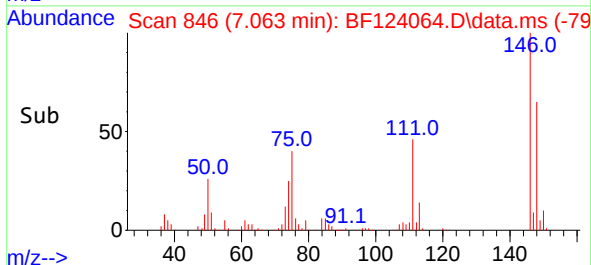
Tgt Ion:146 Resp: 187060  
Ion Ratio Lower Upper  
146 100  
148 60.5 49.9 74.9  
111 44.5 39.5 59.3



#14  
1,2-Dichlorobenzene  
Concen: 41.51 ng  
RT: 7.063 min Scan# 846  
Delta R.T. -0.012 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37



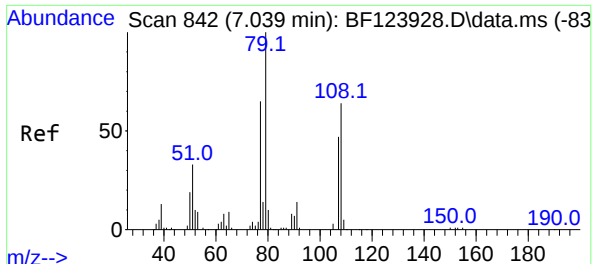
Tgt Ion:146 Resp: 176170  
Ion Ratio Lower Upper  
146 100  
148 64.9 51.6 77.4  
111 46.4 38.4 57.6



Instrument :  
BNA\_F  
ClientSampleId :  
1-5-TPMSD

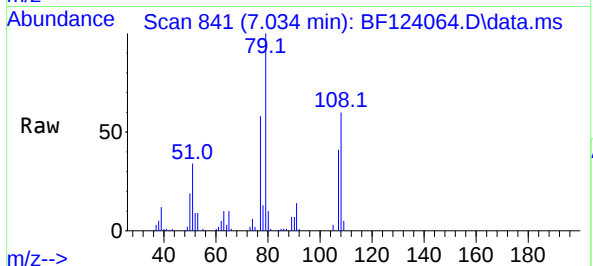
Manual Integrations  
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#15  
Benzyl Alcohol  
Concen: 41.28 ng  
RT: 7.034 min Scan# 841  
Delta R.T. -0.006 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

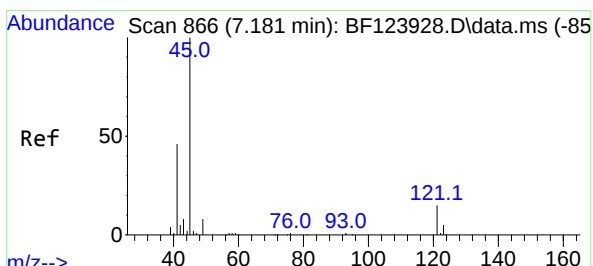
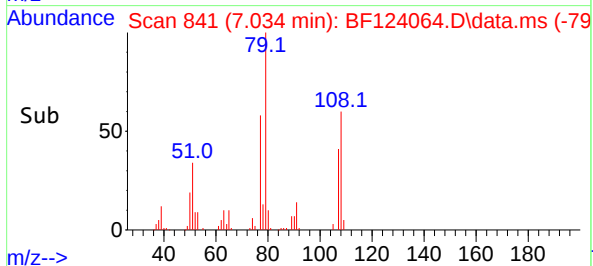
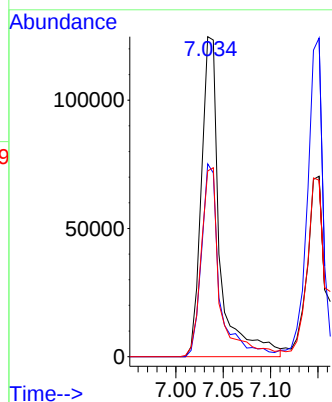
Instrument :  
BNA\_F  
ClientSampleId :  
1-5-TPMSD



Tgt Ion: 79 Resp: 169368  
Ion Ratio Lower Upper  
79 100  
108 60.3 55.8 83.8  
77 58.0 49.9 74.9

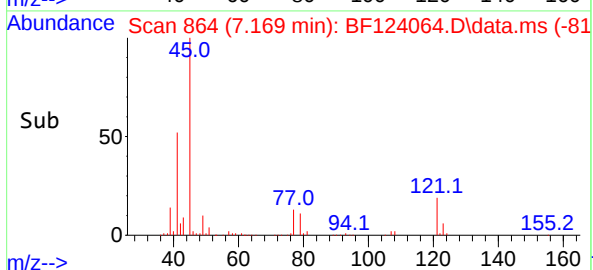
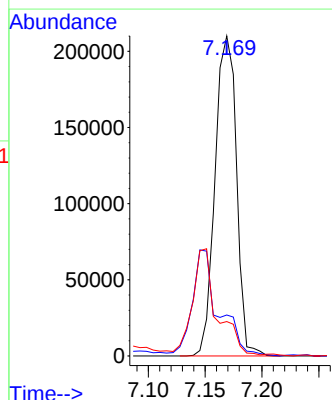
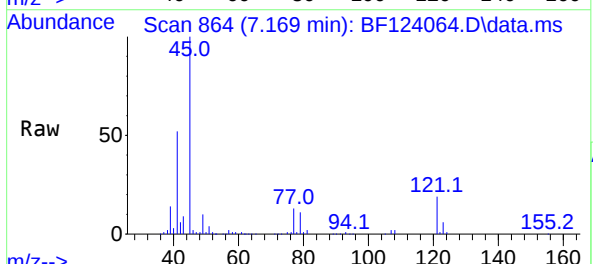
Manual Integrations  
APPROVED

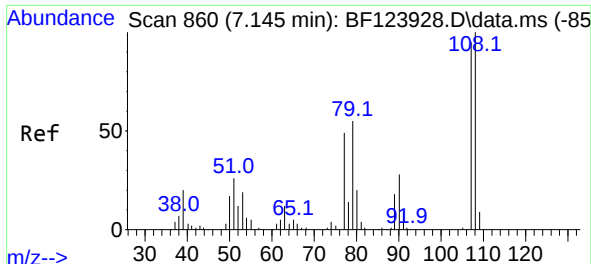
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 36.72 ng  
RT: 7.169 min Scan# 864  
Delta R.T. -0.012 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

Tgt Ion: 45 Resp: 275839  
Ion Ratio Lower Upper  
45 100  
77 12.8 0.0 30.0  
79 10.8 0.0 27.3





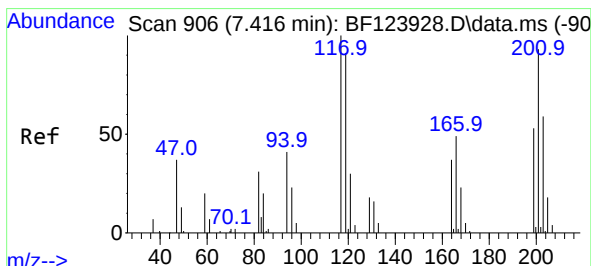
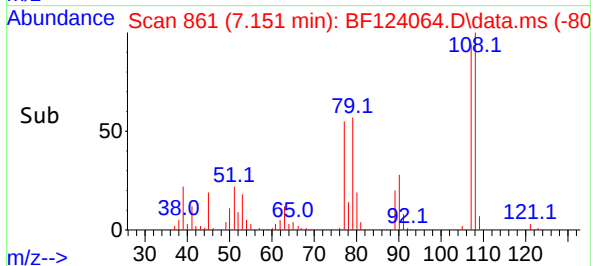
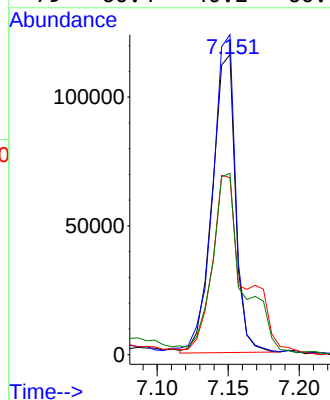
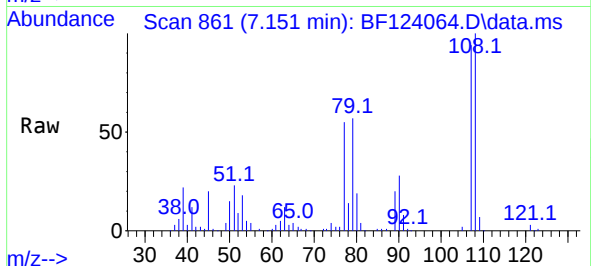
#17  
2-Methylphenol  
Concen: 42.66 ng  
RT: 7.151 min Scan# 861  
Delta R.T. 0.006 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 131818 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 106.6 | 89.8  | 134.8  |
| 77       | 59.0  | 40.9  | 61.3   |
| 79       | 60.4  | 40.2  | 60.4#  |

Instrument :  
BNA\_F  
ClientSampled :  
1-5-TPMSD

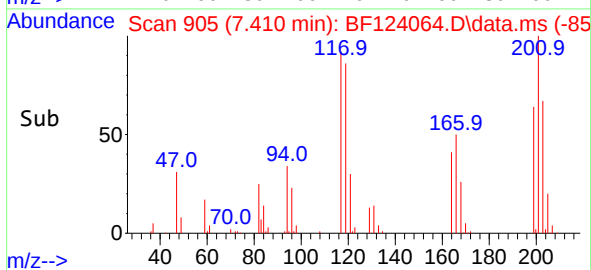
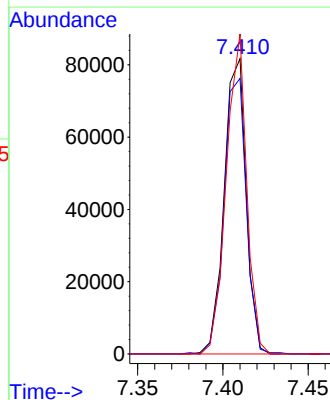
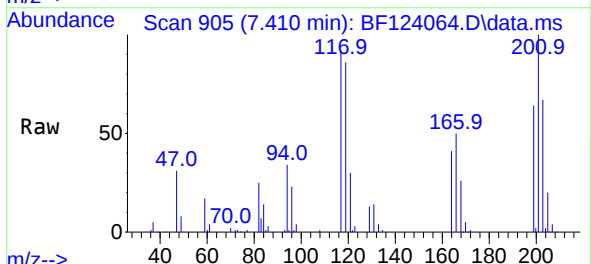
Manual Integrations  
APPROVED

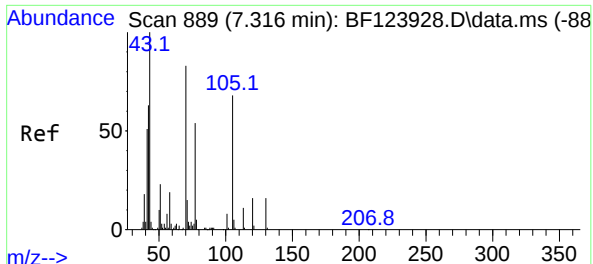
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#18  
Hexachloroethane  
Concen: 43.59 ng  
RT: 7.410 min Scan# 905  
Delta R.T. -0.006 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 73378  |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 93.3  | 77.8  | 116.8  |
| 201      | 108.3 | 67.8  | 101.8# |





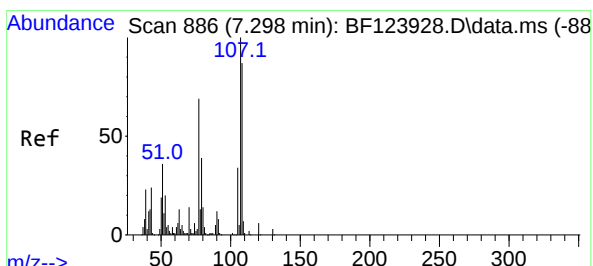
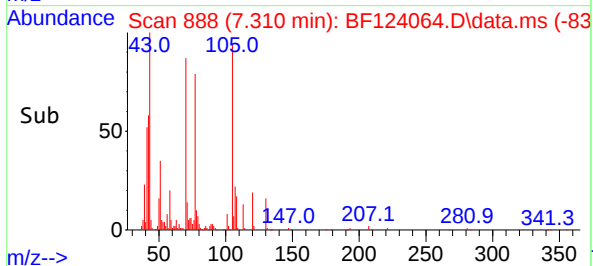
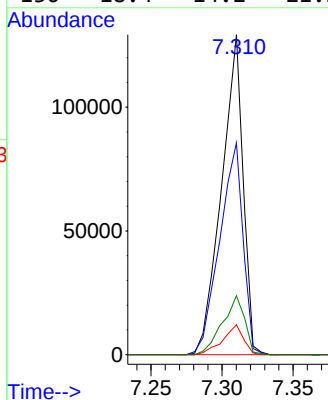
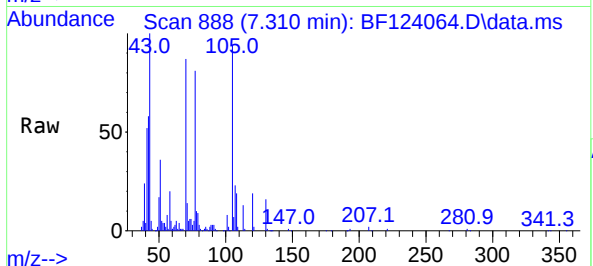
#19  
n-Nitroso-di-n-propylamine  
Concen: 42.49 ng  
RT: 7.310 min Scan# 888  
Delta R.T. -0.006 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 136407 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 66.2  | 60.1  | 90.1   |
| 101      | 9.4   | 7.4   | 11.2   |
| 130      | 18.4  | 14.2  | 21.2   |

Instrument :  
BNA\_F  
ClientSampleId :  
1-5-TPMSD

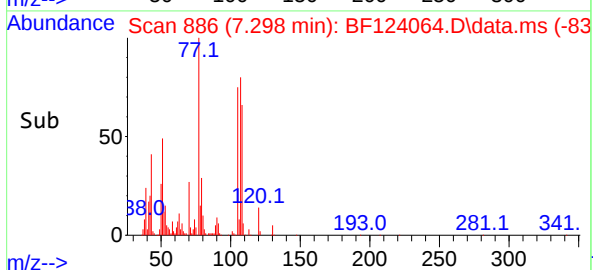
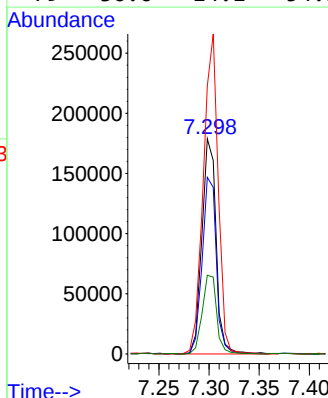
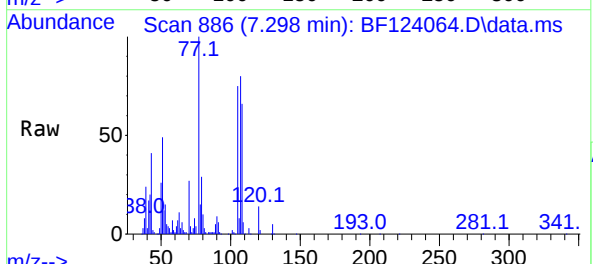
Manual Integrations  
APPROVED

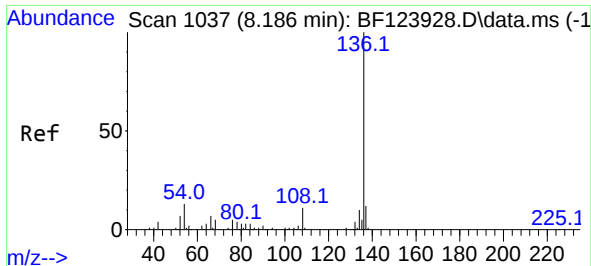
mohammad  
5/27/2021 1:48:53 PM



#20  
3+4-Methylphenols  
Concen: 43.53 ng  
RT: 7.298 min Scan# 886  
Delta R.T. 0.000 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

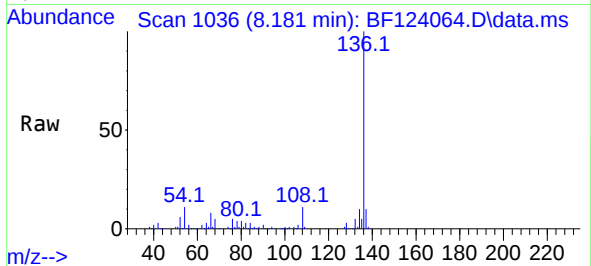
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 177196 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 82.1  | 71.5  | 111.5  |
| 77       | 124.6 | 82.0  | 122.0# |
| 79       | 36.6  | 14.1  | 54.1   |





#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.181 min Scan# 1036  
Delta R.T. -0.005 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

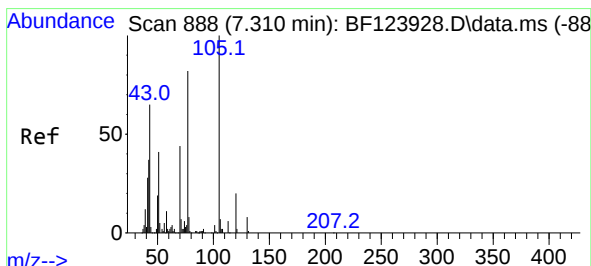
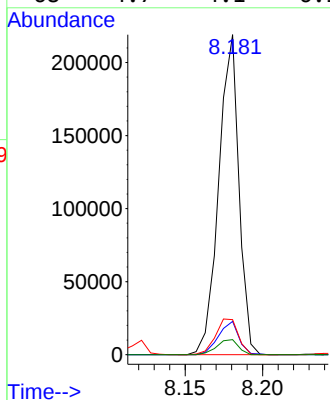
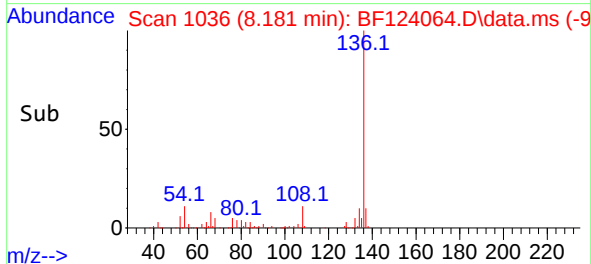
Instrument :  
BNA\_F  
ClientSampleId :  
1-5-TPMSD



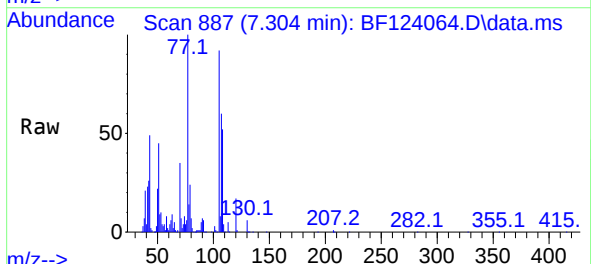
Tgt Ion:136 Resp: 198116  
Ion Ratio Lower Upper  
136 100  
137 10.4 8.7 13.1  
54 11.0 9.8 14.6  
68 4.7 4.1 6.1

Manual Integrations  
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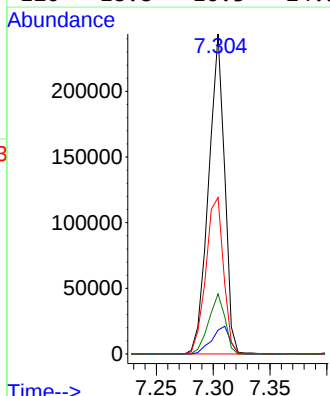
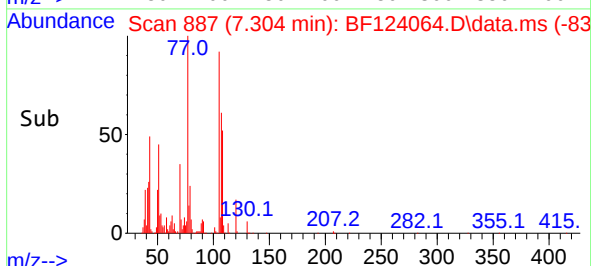
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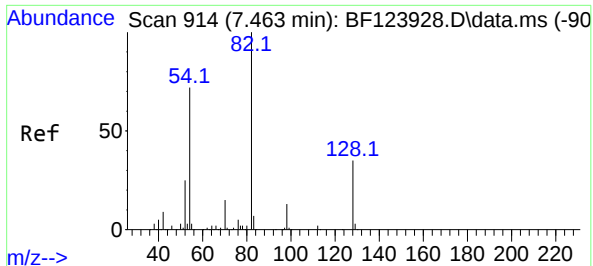


#22  
Acetophenone  
Concen: 42.45 ng  
RT: 7.304 min Scan# 887  
Delta R.T. -0.006 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37



Tgt Ion:105 Resp: 238800  
Ion Ratio Lower Upper  
105 100  
71 7.5 4.2 6.4#  
51 48.9 33.6 50.4  
120 18.8 16.3 24.5





#23

Nitrobenzene-d5

Concen: 81.67 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF124064.D

Acq: 26 May 2021 14:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 375545 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 36.1  | 29.4  | 44.2   |
| 54       | 68.4  | 54.1  | 81.1   |

Instrument :

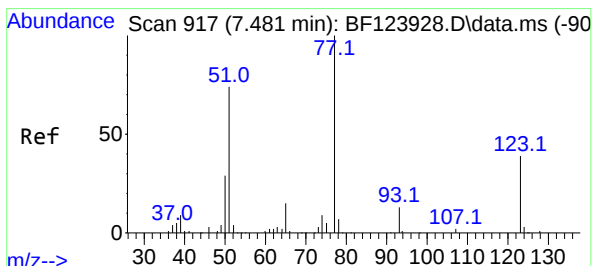
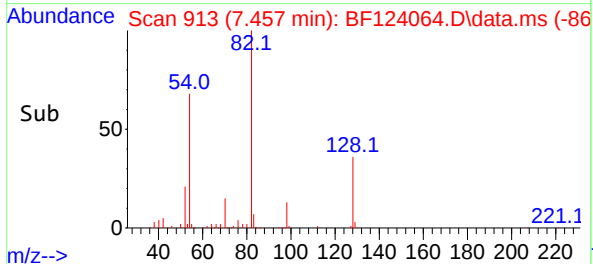
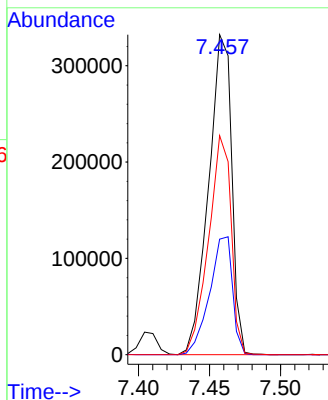
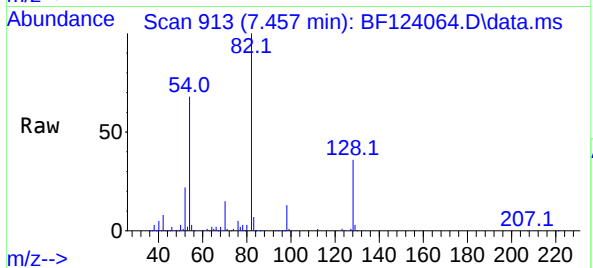
BNA\_F

ClientSampleId :

1-5-TPMSD

Manual Integrations  
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#24

Nitrobenzene

Concen: 41.27 ng

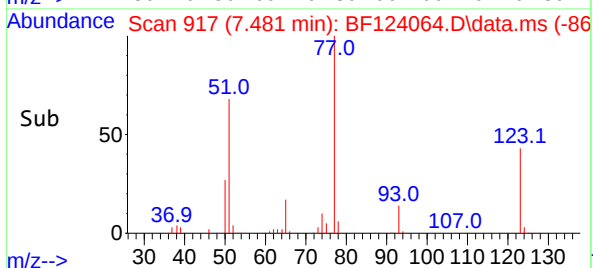
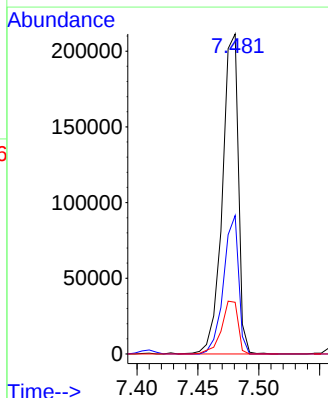
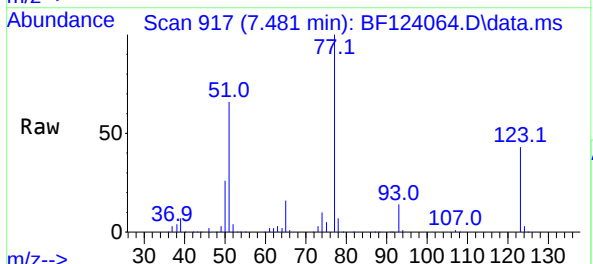
RT: 7.481 min Scan# 917

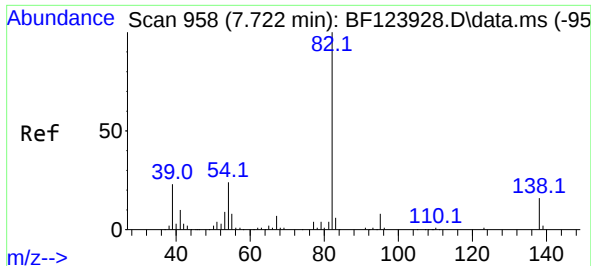
Delta R.T. 0.000 min

Lab File: BF124064.D

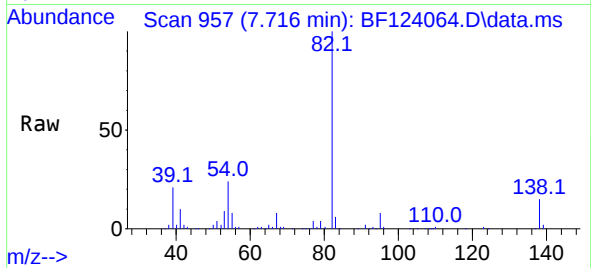
Acq: 26 May 2021 14:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 194056 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 123      | 43.3  | 34.5  | 51.7   |
| 65       | 16.1  | 12.2  | 18.2   |

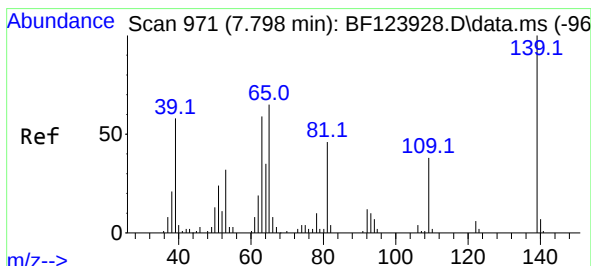
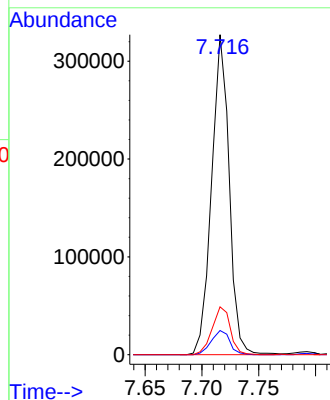
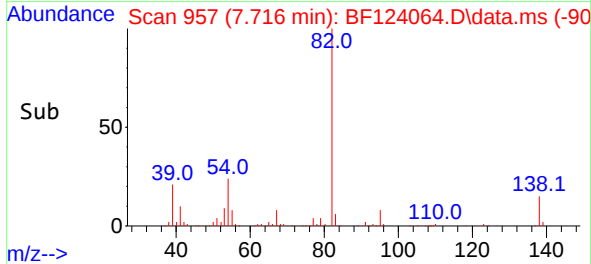




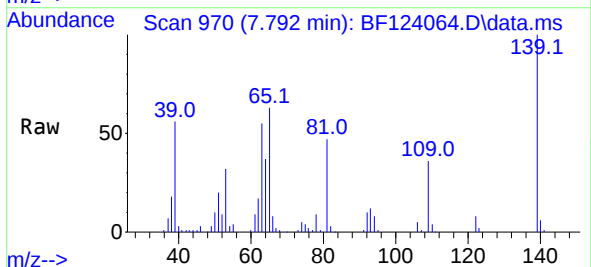
#25  
Isophorone  
Concen: 39.76 ng  
RT: 7.716 min Scan# 957  
Delta R.T. -0.006 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37



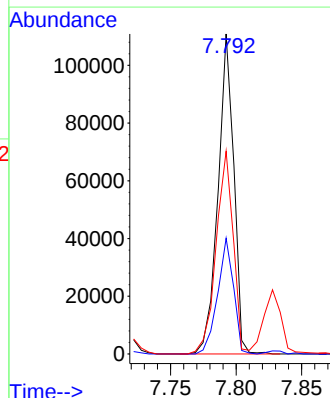
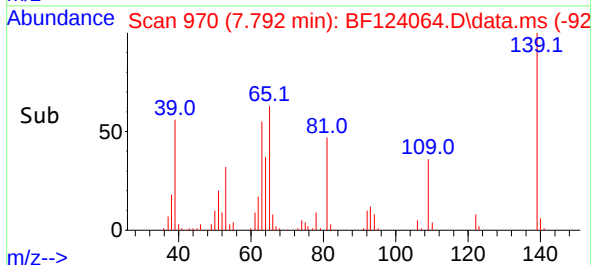
Tgt Ion: 82 Resp: 351732  
Ion Ratio Lower Upper  
82 100  
95 7.6 5.8 8.6  
138 15.0 11.8 17.8



#26  
2-Nitrophenol  
Concen: 52.43 ng  
RT: 7.792 min Scan# 970  
Delta R.T. -0.006 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37



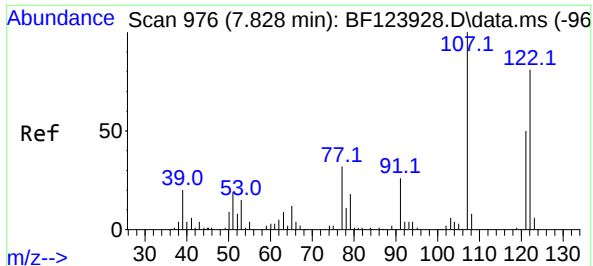
Tgt Ion: 139 Resp: 92723  
Ion Ratio Lower Upper  
139 100  
109 36.1 28.6 43.0  
65 63.4 56.8 85.2



Instrument :  
BNA\_F  
ClientSampleId :  
1-5-TPMSD

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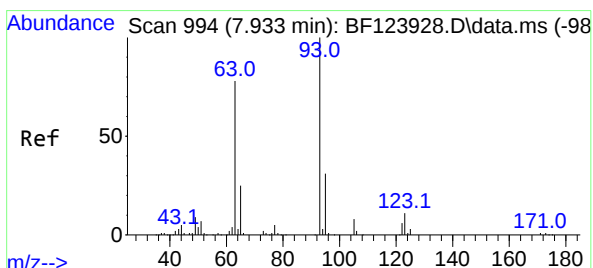
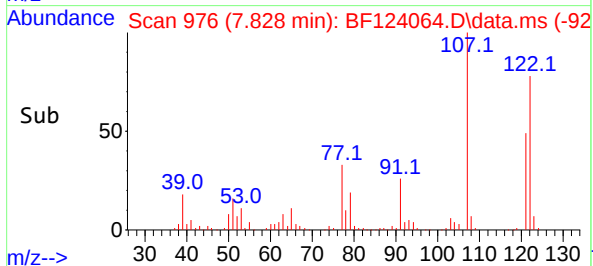
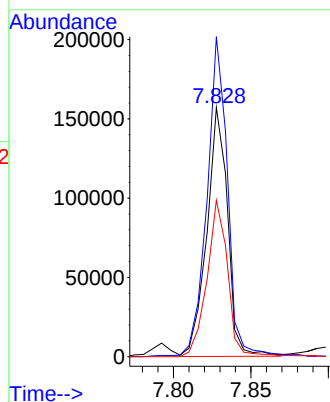
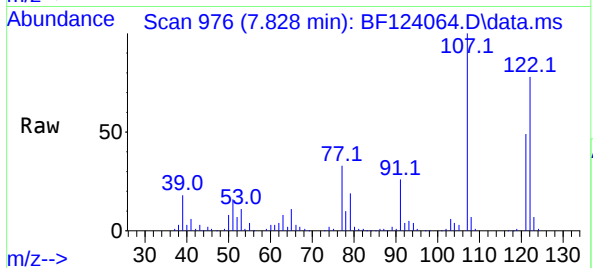
#27  
2,4-Dimethylphenol  
Concen: 43.25 ng  
RT: 7.828 min Scan# 976  
Delta R.T. 0.000 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 122   | Resp: | 146458 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 128.5 | 106.3 | 159.5  |
| 121       | 62.8  | 45.4  | 68.0   |

Instrument :  
BNA\_F  
ClientSampleId :  
1-5-TPMSD

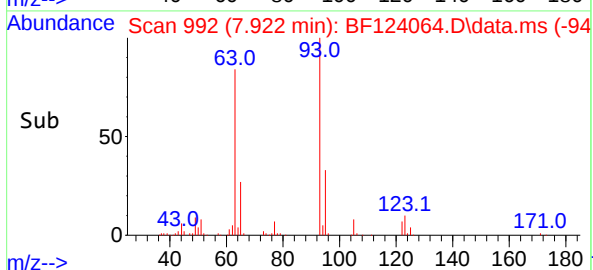
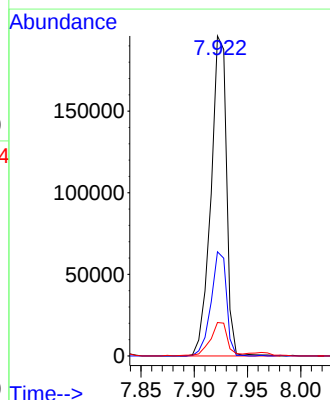
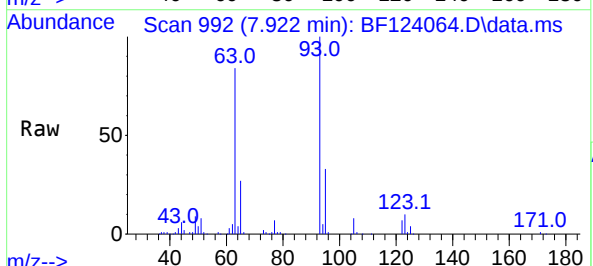
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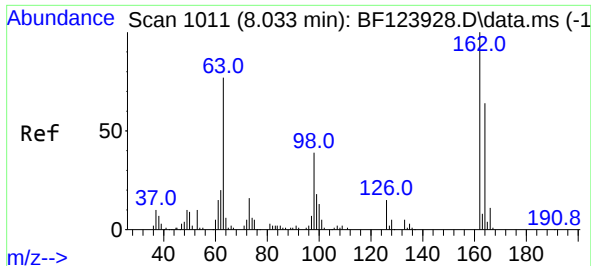
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#28  
bis(2-Chloroethoxy)methane  
Concen: 45.02 ng  
RT: 7.922 min Scan# 992  
Delta R.T. -0.012 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 200233 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 32.6  | 26.5  | 39.7   |
| 123       | 10.5  | 8.4   | 12.6   |





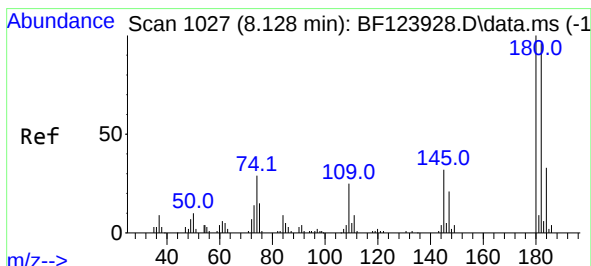
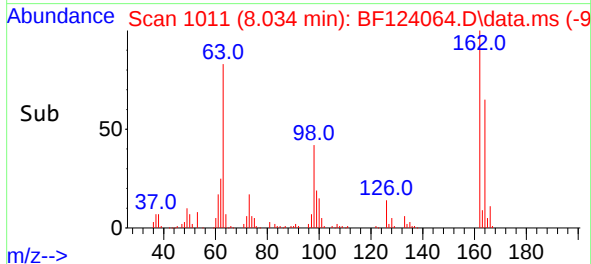
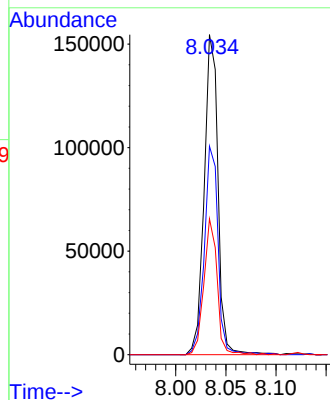
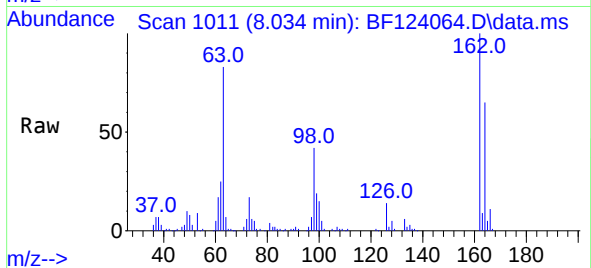
#29  
2,4-Dichlorophenol  
Concen: 43.50 ng  
RT: 8.034 min Scan# 1011  
Delta R.T. 0.000 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

Tgt Ion:162 Resp: 149093  
Ion Ratio Lower Upper  
162 100  
164 65.1 44.1 84.1  
98 42.5 27.3 67.3

Instrument :  
BNA\_F  
ClientSampled :  
1-5-TPMSD

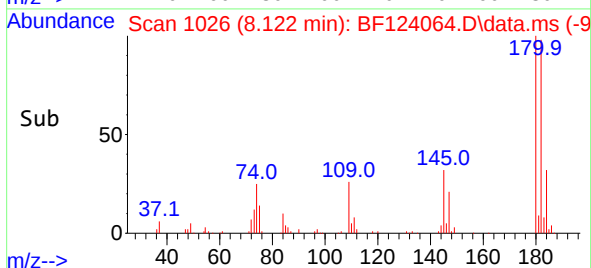
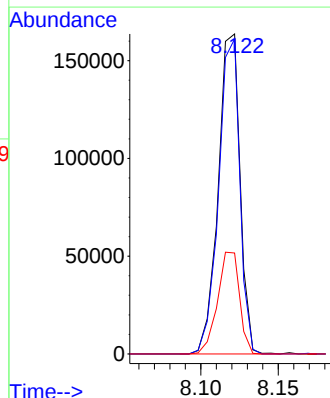
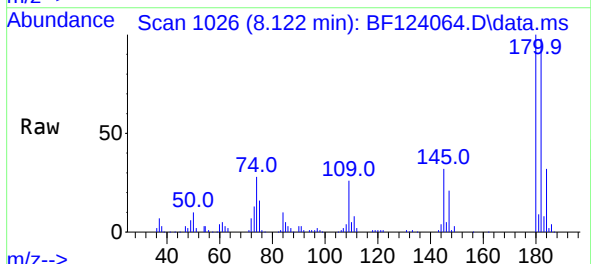
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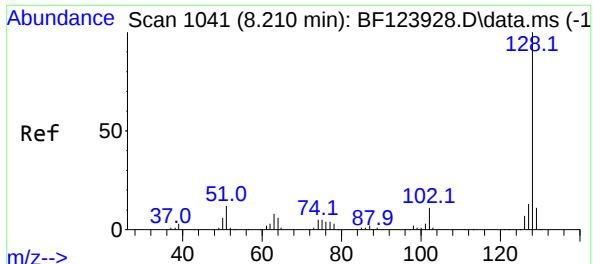
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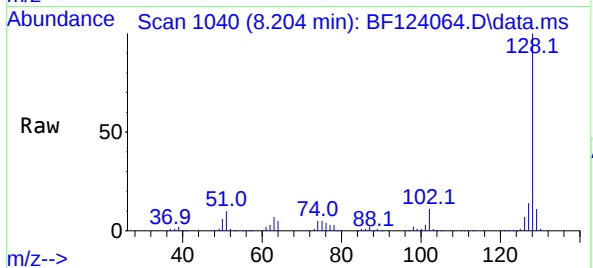
#30  
1,2,4-Trichlorobenzene  
Concen: 41.64 ng  
RT: 8.122 min Scan# 1026  
Delta R.T. -0.006 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

Tgt Ion:180 Resp: 160492  
Ion Ratio Lower Upper  
180 100  
182 98.5 77.2 115.8  
145 31.5 26.0 39.0

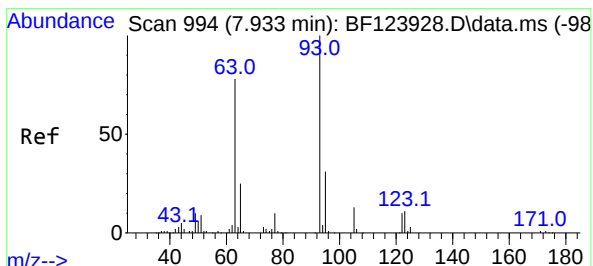
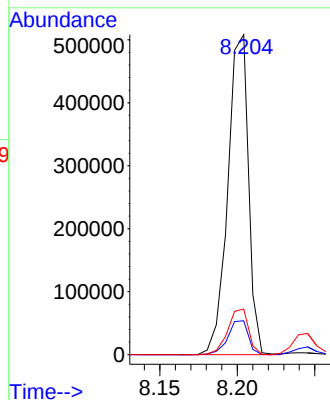
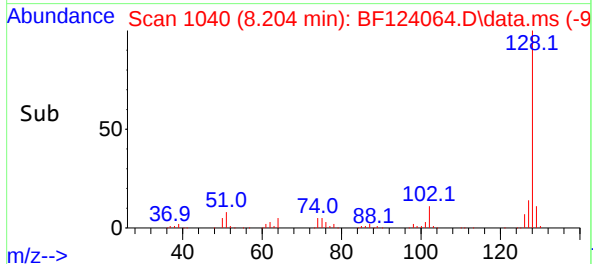




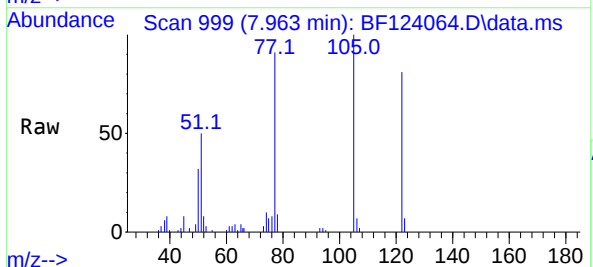
#31  
Naphthalene  
Concen: 40.28 ng  
RT: 8.204 min Scan# 1040  
Delta R.T. -0.006 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37



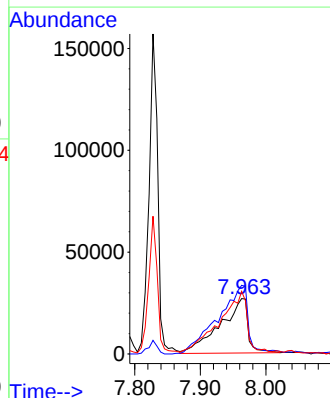
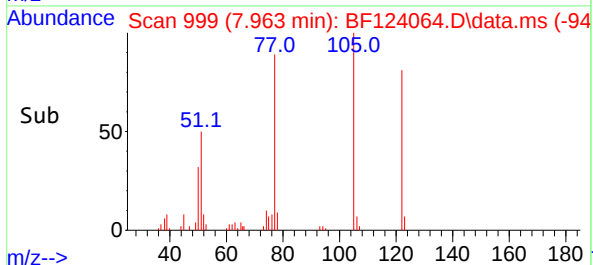
Tgt Ion:128 Resp: 472285  
Ion Ratio Lower Upper  
128 100  
129 10.6 8.9 13.3  
127 14.3 10.8 16.2



#32  
Benzoic acid  
Concen: 42.85 ng  
RT: 7.963 min Scan# 999  
Delta R.T. 0.029 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37



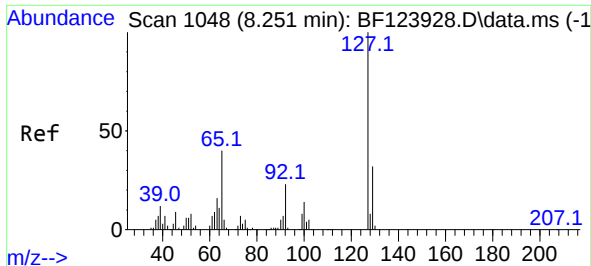
Tgt Ion:122 Resp: 79644  
Ion Ratio Lower Upper  
122 100  
105 123.9 107.8 147.8  
77 113.1 81.6 121.6



Instrument :  
BNA\_F  
ClientSampled :  
1-5-TPMSD

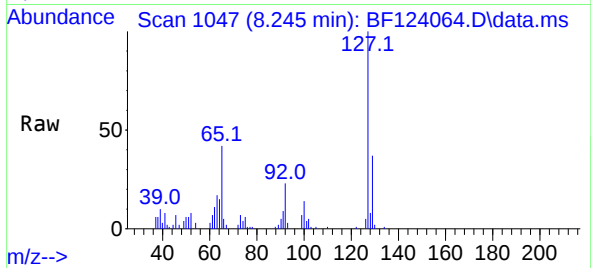
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#33  
4-Chloroaniline  
Concen: 8.81 ng  
RT: 8.245 min Scan# 1047  
Delta R.T. -0.006 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

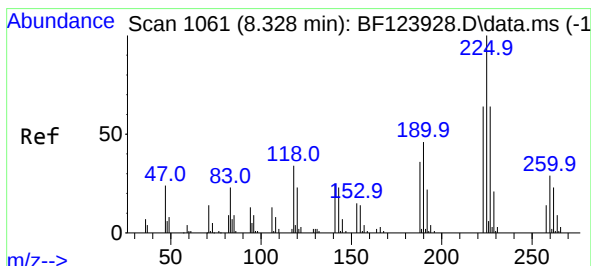
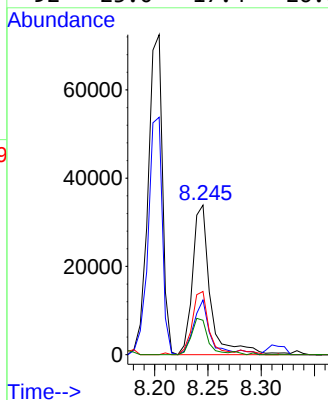
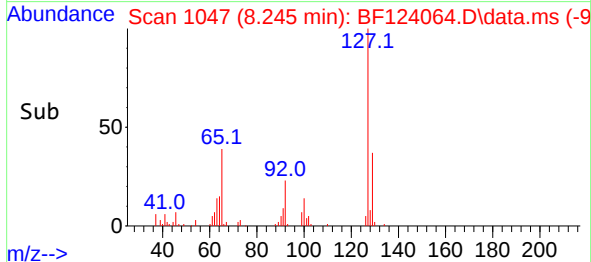
Instrument :  
BNA\_F  
ClientSampled :  
1-5-TPMSD



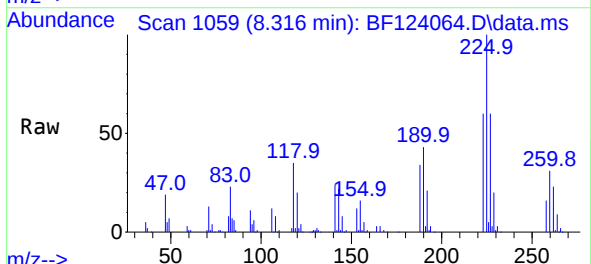
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 39332 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 36.6  | 25.7  | 38.5  |
| 65       | 42.3  | 34.5  | 51.7  |
| 92       | 23.0  | 17.4  | 26.0  |

Manual Integrations  
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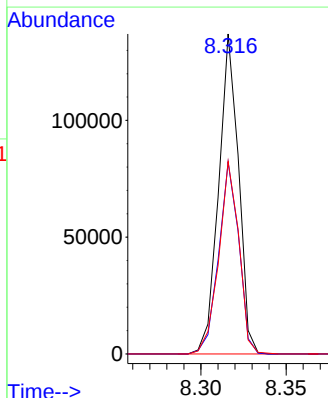
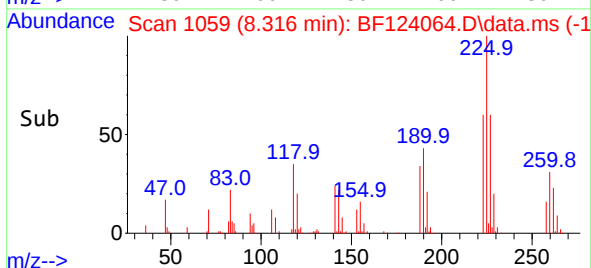
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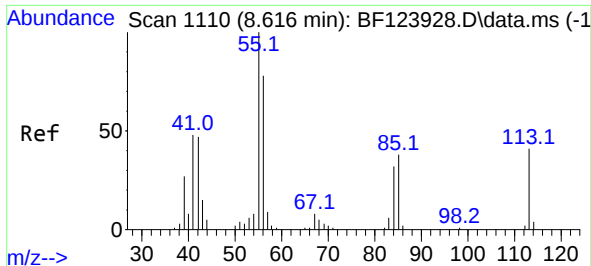


#34  
Hexachlorobutadiene  
Concen: 43.99 ng  
RT: 8.316 min Scan# 1059  
Delta R.T. -0.012 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 110994 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 59.9  | 50.4  | 75.6   |
| 227      | 60.2  | 51.4  | 77.0   |





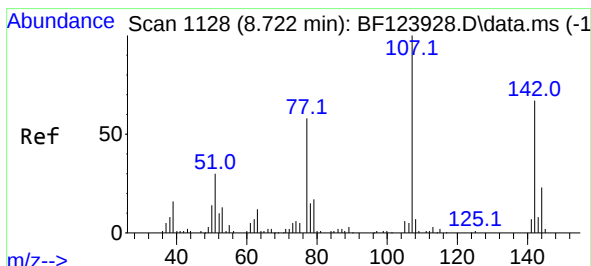
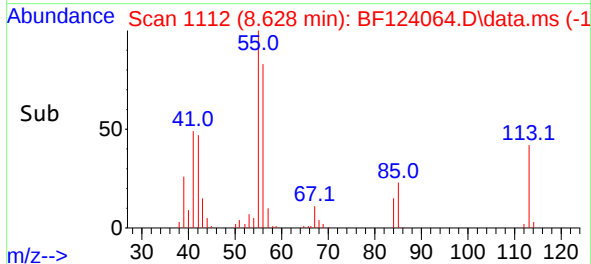
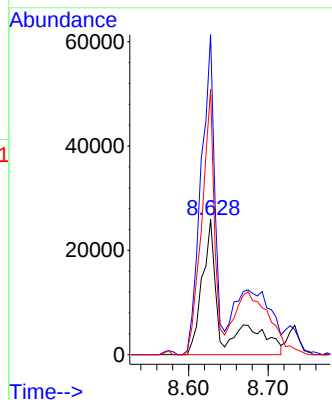
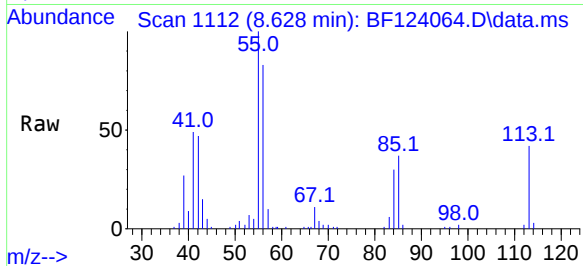
#35  
Caprolactam  
Concen: 48.72 ng m  
RT: 8.628 min Scan# 1112  
Delta R.T. 0.012 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

Tgt Ion:113 Resp: 45467  
Ion Ratio Lower Upper  
113 100  
55 236.5 254.9 294.9#  
56 196.1 179.4 219.4

Instrument :  
BNA\_F  
ClientSampled :  
1-5-TPMSD

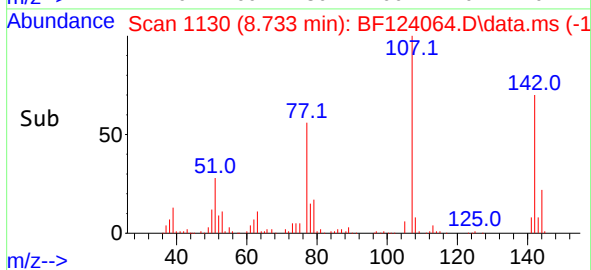
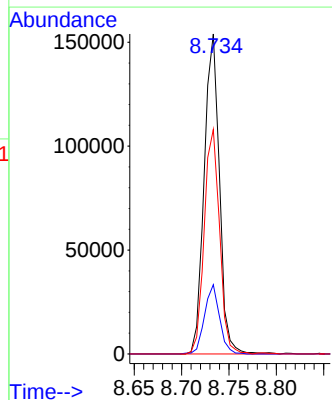
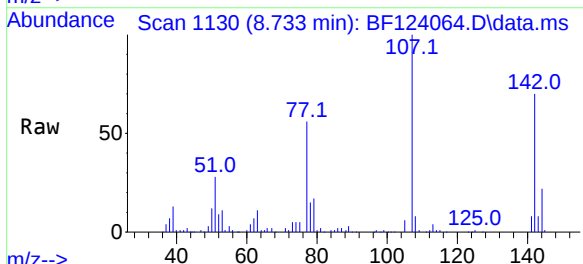
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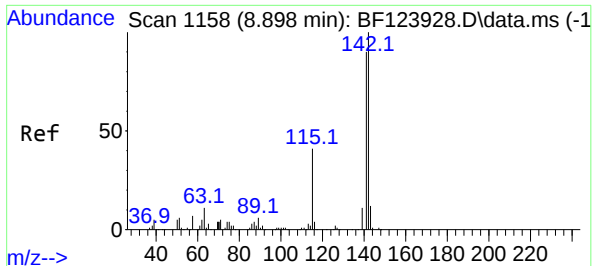
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#36  
4-Chloro-3-methylphenol  
Concen: 45.88 ng  
RT: 8.733 min Scan# 1130  
Delta R.T. 0.012 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

Tgt Ion:107 Resp: 171990  
Ion Ratio Lower Upper  
107 100  
144 21.7 16.3 24.5  
142 70.2 50.1 75.1





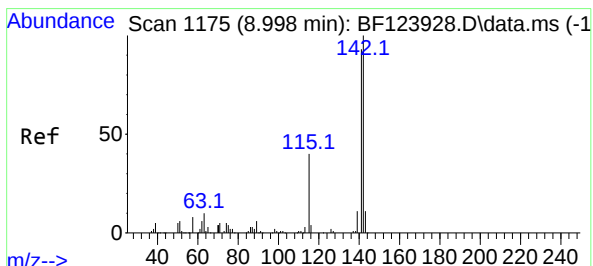
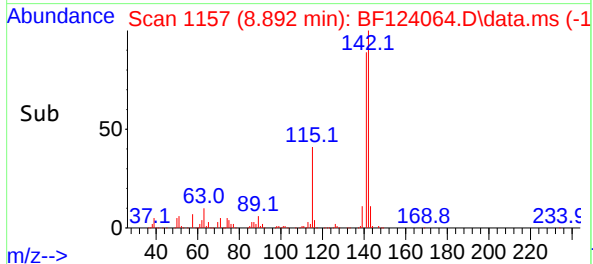
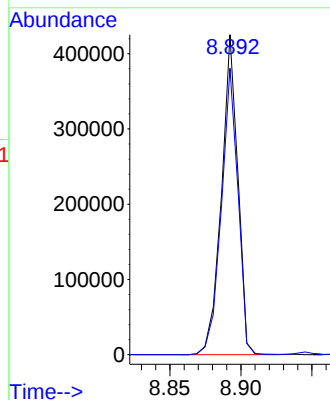
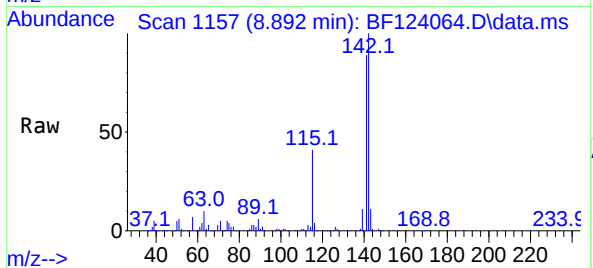
#37  
2-Methylnaphthalene  
Concen: 42.69 ng  
RT: 8.892 min Scan# 1157  
Delta R.T. -0.006 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

Tgt Ion:142 Resp: 339244  
Ion Ratio Lower Upper  
142 100  
141 89.5 71.8 107.6

Instrument :  
BNA\_F  
ClientSampleId :  
1-5-TPMSD

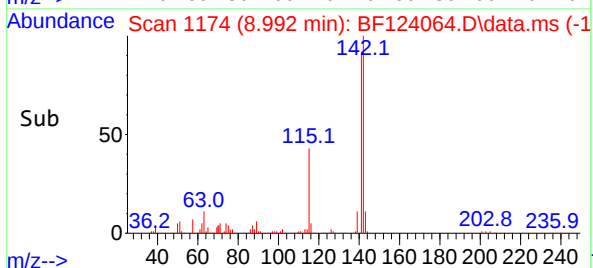
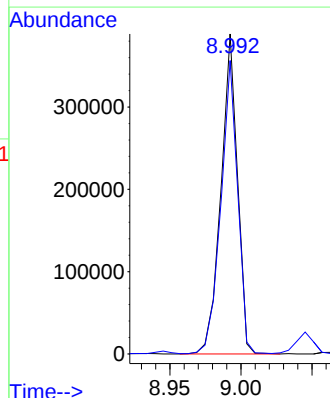
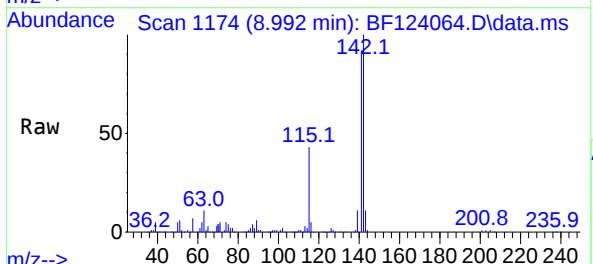
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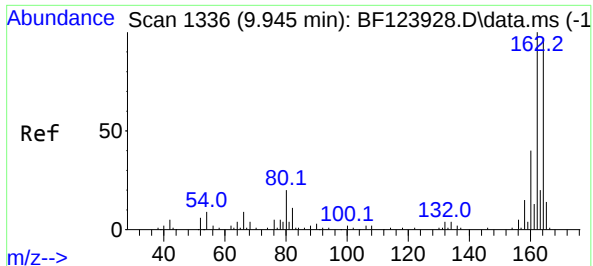
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#38  
1-Methylnaphthalene  
Concen: 42.34 ng  
RT: 8.992 min Scan# 1174  
Delta R.T. -0.006 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

Tgt Ion:142 Resp: 313969  
Ion Ratio Lower Upper  
142 100  
141 91.7 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.939 min Scan# 1335

Delta R.T. -0.006 min

Lab File: BF124064.D

Acq: 26 May 2021 14:37

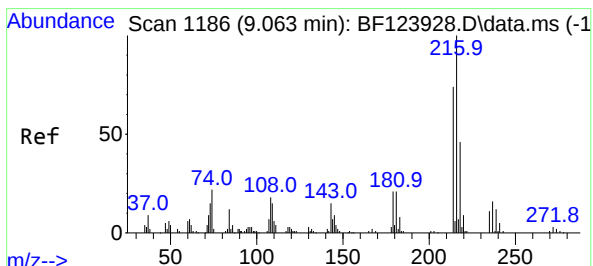
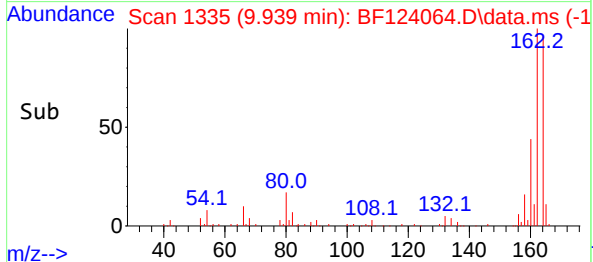
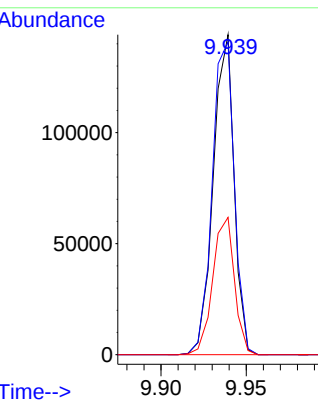
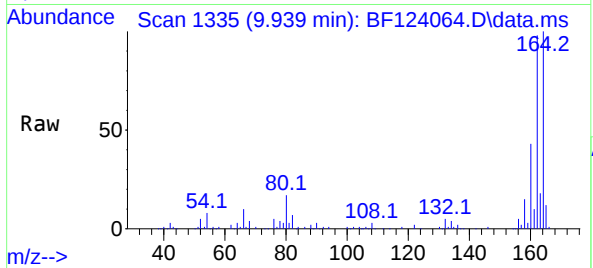
Tgt Ion:164 Resp: 122663

Ion Ratio Lower Upper

164 100

162 97.7 80.7 121.1

160 42.9 37.3 55.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.76 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF124064.D

Acq: 26 May 2021 14:37

Tgt Ion:216 Resp: 180314

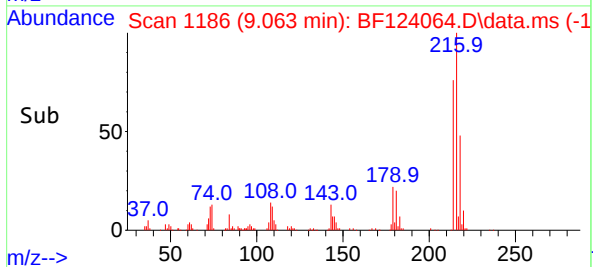
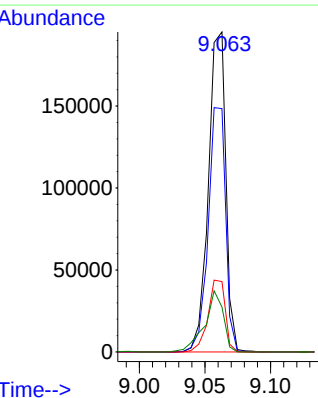
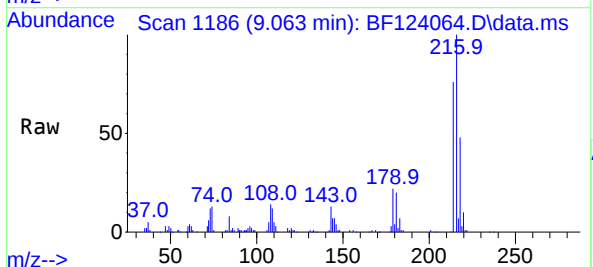
Ion Ratio Lower Upper

216 100

214 76.3 63.8 95.8

179 22.3 17.9 26.9

108 20.4 18.6 28.0



Instrument :

BNA\_F

ClientSampled :

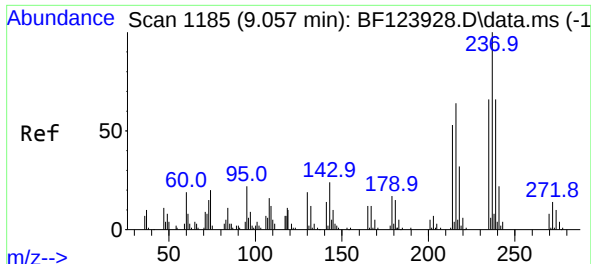
1-5-TPMSD

Manual Integrations

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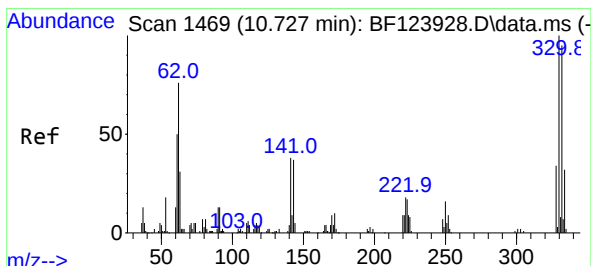
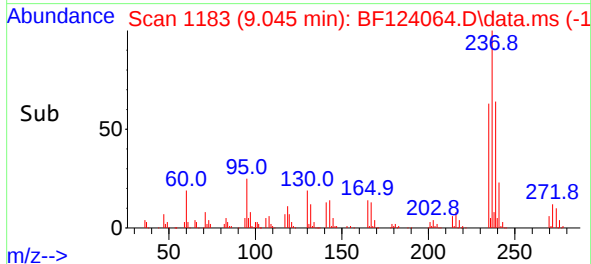
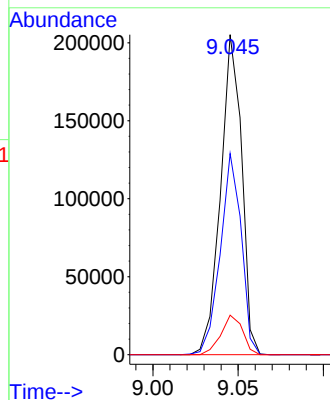
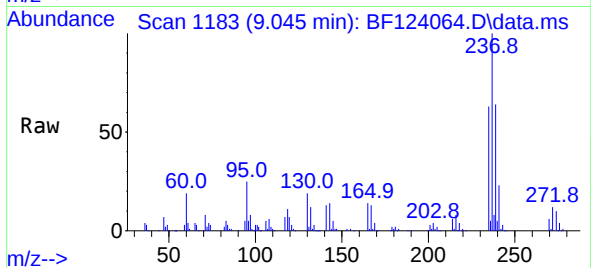
#41  
Hexachlorocyclopentadiene  
Concen: 62.80 ng  
RT: 9.045 min Scan# 1183  
Delta R.T. -0.012 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 237   | Resp: | 176725 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 62.9  | 38.8  | 78.8   |
| 272       | 12.3  | 0.0   | 32.4   |

Instrument :  
BNA\_F  
ClientSampled :  
1-5-TPMSD

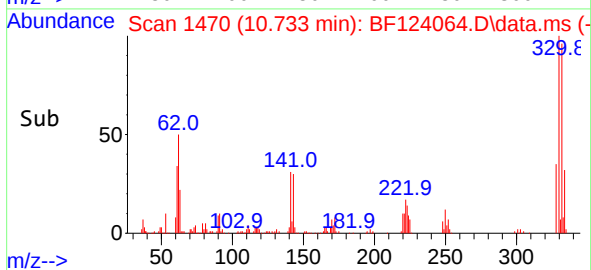
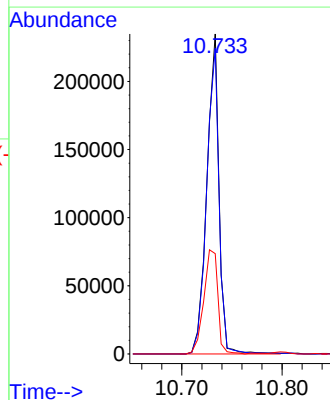
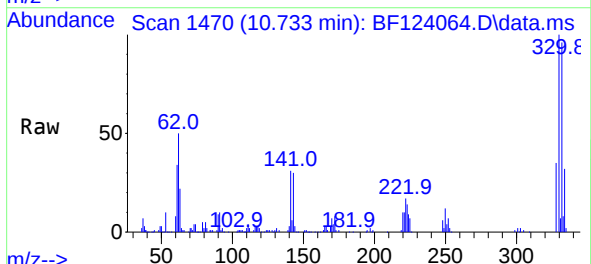
Manual Integrations  
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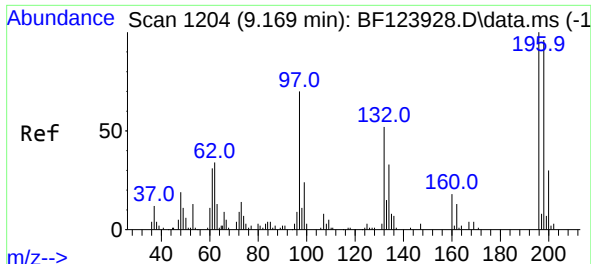
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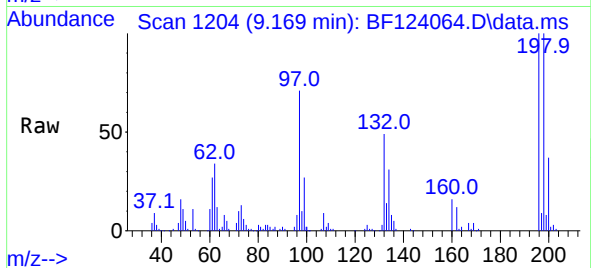
#42  
2,4,6-Tribromophenol  
Concen: 135.15 ng  
RT: 10.733 min Scan# 1470  
Delta R.T. 0.006 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 199114 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 97.9  | 77.1  | 115.7  |
| 141       | 37.4  | 27.9  | 41.9   |

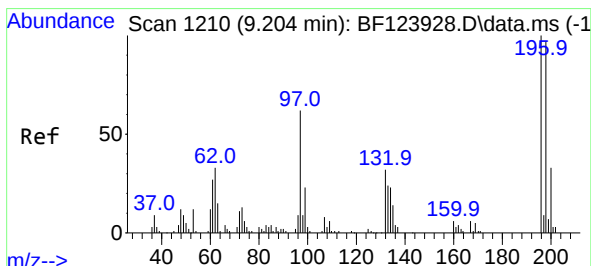
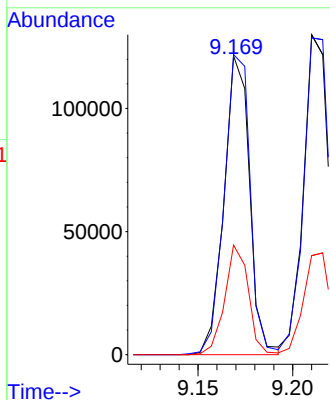
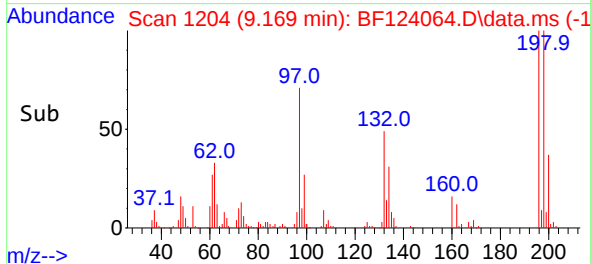




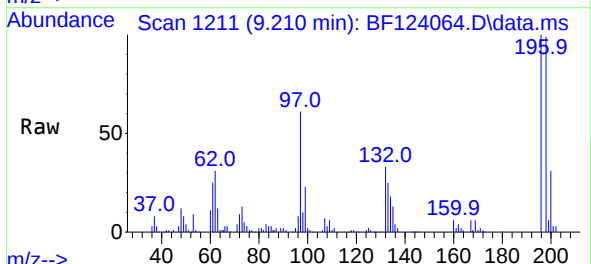
#43  
2,4,6-Trichlorophenol  
Concen: 39.58 ng  
RT: 9.169 min Scan# 1204  
Delta R.T. 0.000 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37



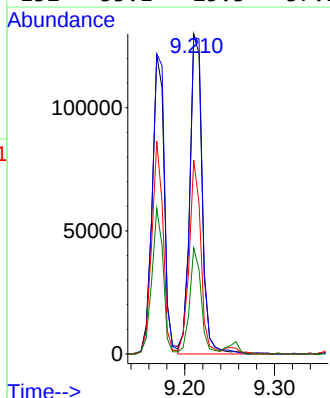
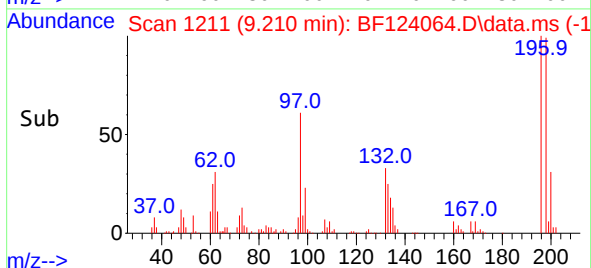
Tgt Ion:196 Resp: 113609  
Ion Ratio Lower Upper  
196 100  
198 100.4 78.2 117.2  
200 36.7 25.0 37.6



#44  
2,4,5-Trichlorophenol  
Concen: 41.63 ng  
RT: 9.210 min Scan# 1211  
Delta R.T. 0.006 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37



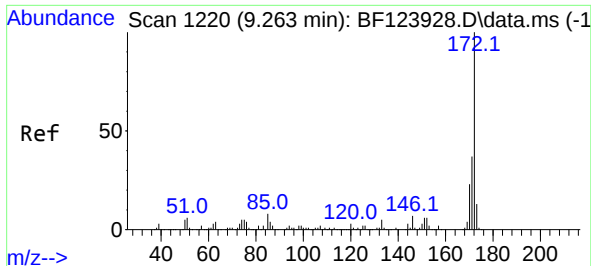
Tgt Ion:196 Resp: 124154  
Ion Ratio Lower Upper  
196 100  
198 99.0 76.5 114.7  
97 60.6 52.9 79.3  
132 33.1 25.3 37.9



Instrument :  
BNA\_F  
ClientSampled :  
1-5-TPMSD

Manual Integrations  
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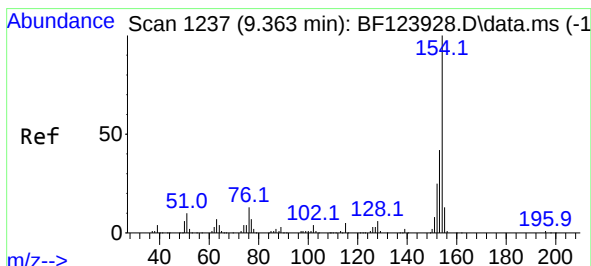
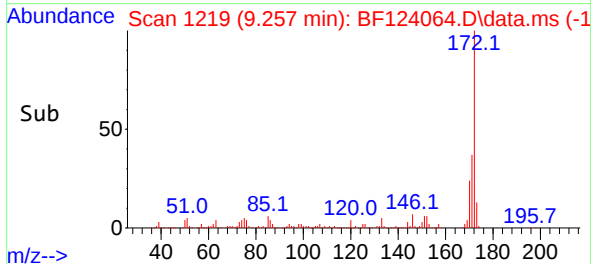
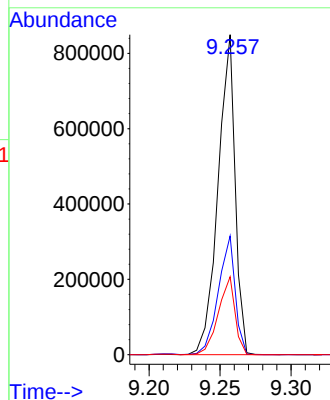
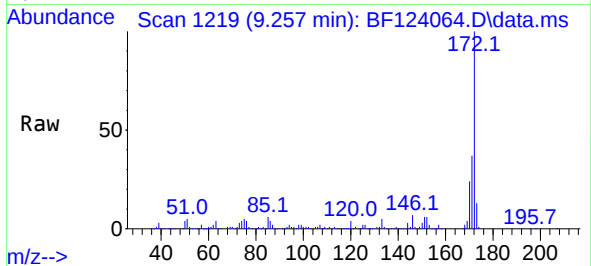
#45  
2-Fluorobiphenyl  
Concen: 71.24 ng  
RT: 9.257 min Scan# 1219  
Delta R.T. -0.006 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

Tgt Ion:172 Resp: 710130  
Ion Ratio Lower Upper  
172 100  
171 37.1 28.1 42.1  
170 24.4 19.2 28.8

Instrument :  
BNA\_F  
ClientSampleId :  
1-5-TPMSD

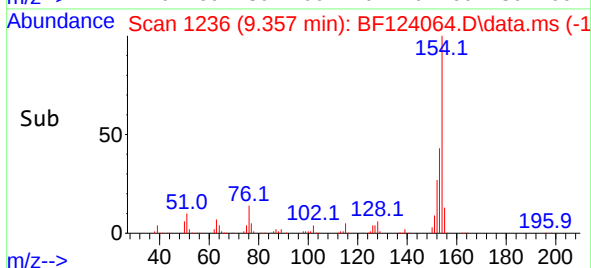
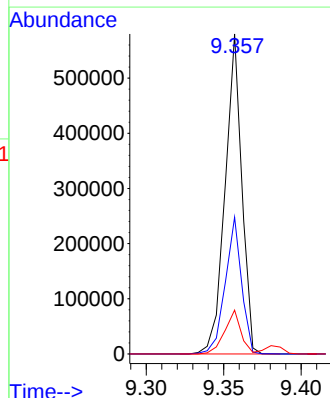
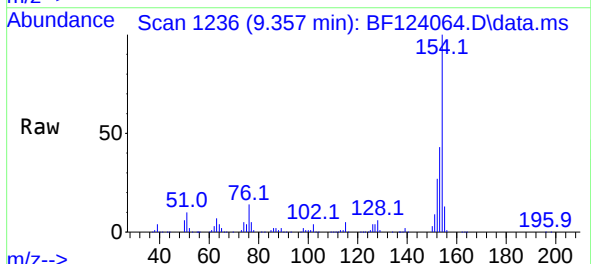
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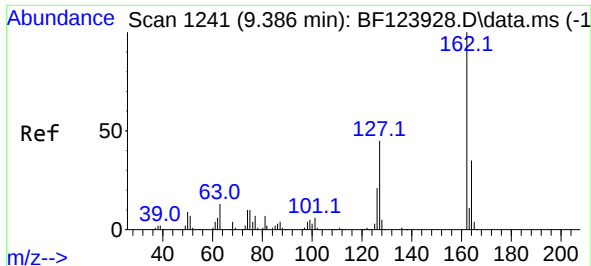
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#46  
1,1'-Biphenyl  
Concen: 40.22 ng  
RT: 9.357 min Scan# 1236  
Delta R.T. -0.006 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

Tgt Ion:154 Resp: 434543  
Ion Ratio Lower Upper  
154 100  
153 42.7 20.7 60.7  
76 13.7 0.0 31.7





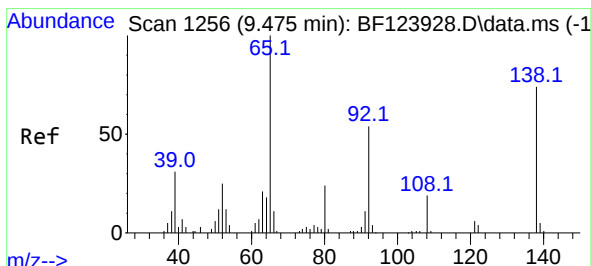
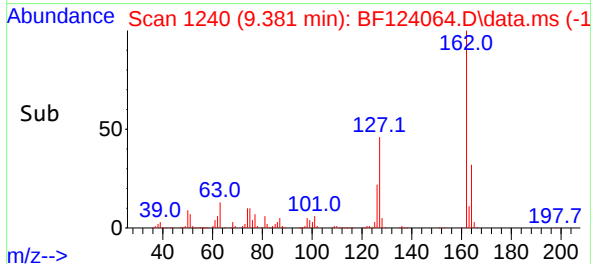
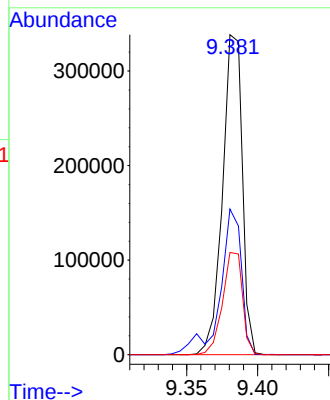
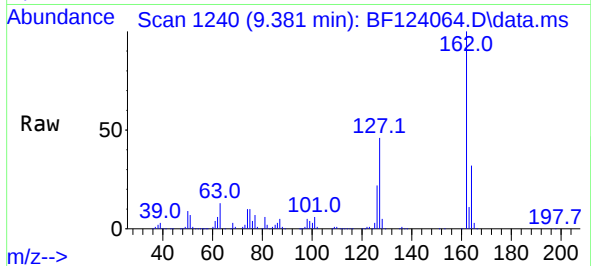
#47  
2-Chloronaphthalene  
Concen: 38.13 ng  
RT: 9.381 min Scan# 1240  
Delta R.T. -0.006 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 162   | Resp: | 327161 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 127      | 45.5  | 36.2  | 54.2   |
| 164      | 32.0  | 25.4  | 38.2   |

Instrument :  
BNA\_F  
ClientSampled :  
1-5-TPMSD

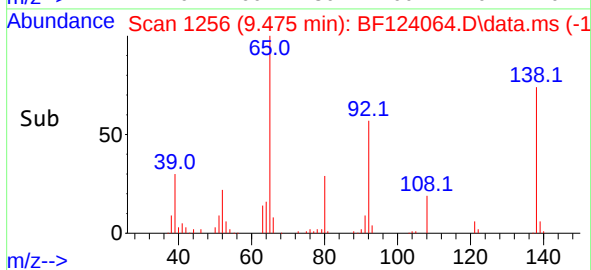
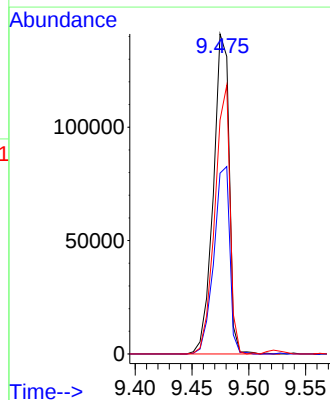
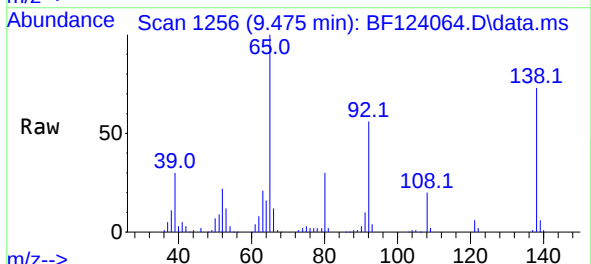
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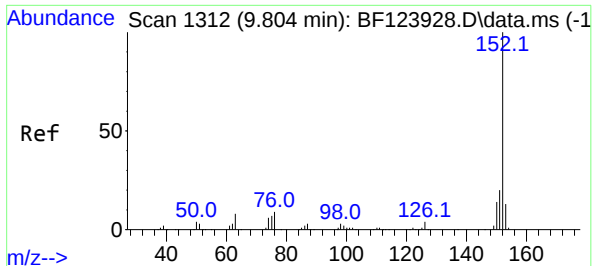
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#48  
2-Nitroaniline  
Concen: 47.27 ng  
RT: 9.475 min Scan# 1256  
Delta R.T. 0.000 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 136979 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 92       | 56.5  | 47.1  | 70.7   |
| 138      | 73.1  | 70.2  | 105.2  |





#49

Acenaphthylene

Concen: 40.10 ng

RT: 9.798 min Scan# 1311

Delta R.T. -0.006 min

Lab File: BF124064.D

Acq: 26 May 2021 14:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 508477 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 21.7  | 16.0  | 24.0   |
| 153       | 14.7  | 10.4  | 15.6   |

Instrument :

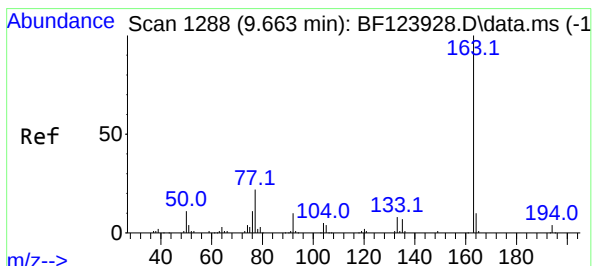
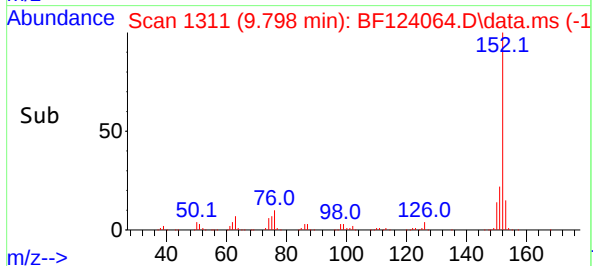
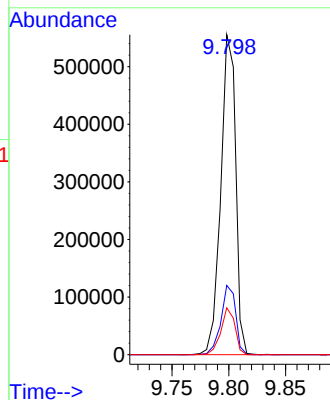
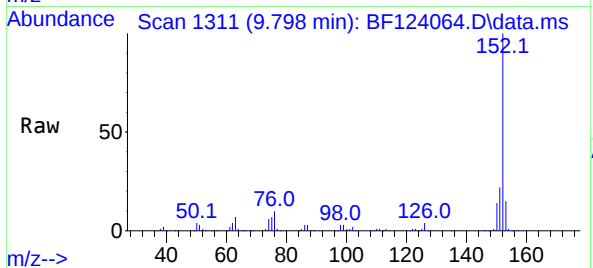
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ClientSampled :

1-5-TPMSD

Manual Integrations  
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#50

Dimethylphthalate

Concen: 50.47 ng

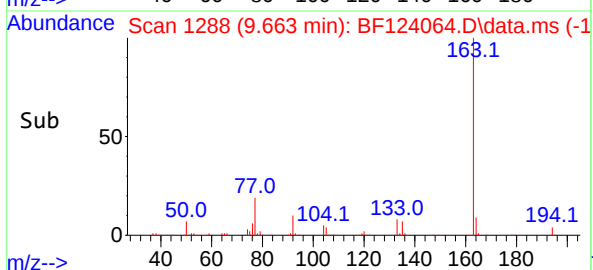
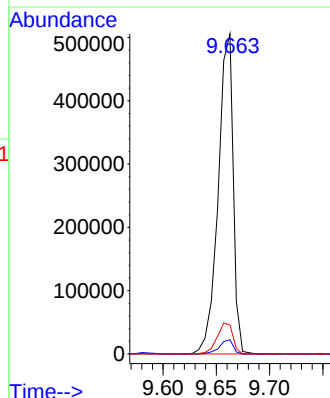
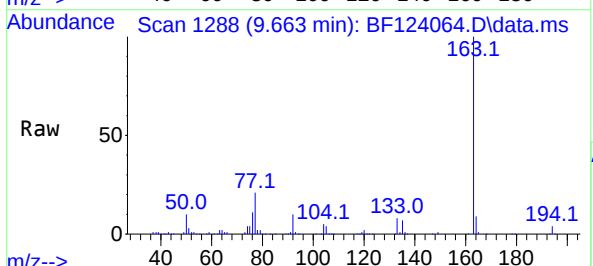
RT: 9.663 min Scan# 1288

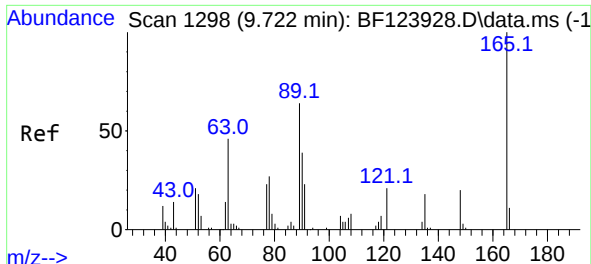
Delta R.T. 0.000 min

Lab File: BF124064.D

Acq: 26 May 2021 14:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 494375 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.5   | 3.1   | 4.7    |
| 164       | 9.1   | 8.2   | 12.2   |





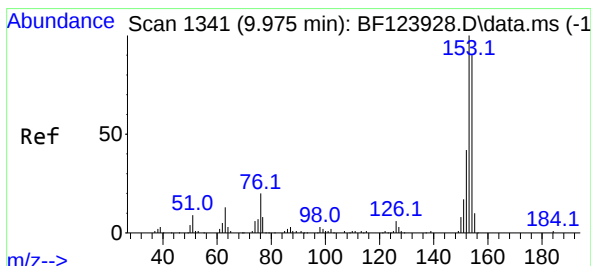
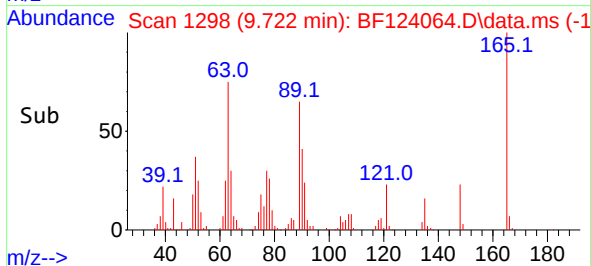
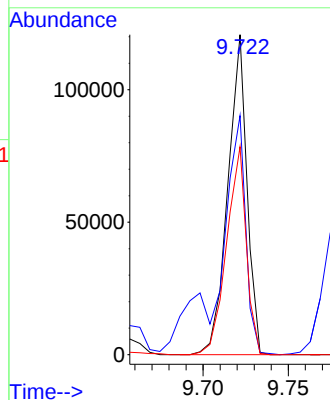
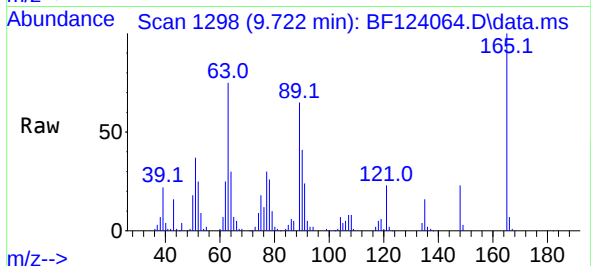
#51  
2,6-Dinitrotoluene  
Concen: 47.60 ng  
RT: 9.722 min Scan# 1298  
Delta R.T. 0.000 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 94279 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 74.7  | 67.7  | 101.5 |
| 89        | 65.0  | 58.8  | 88.2  |

Instrument :  
BNA\_F  
ClientSampled :  
1-5-TPMSD

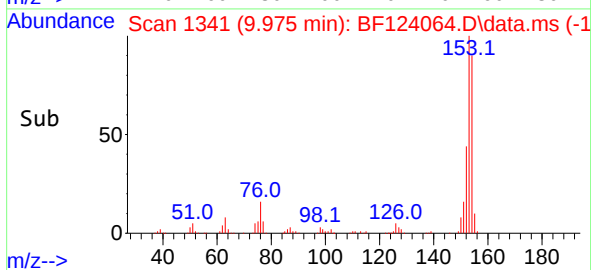
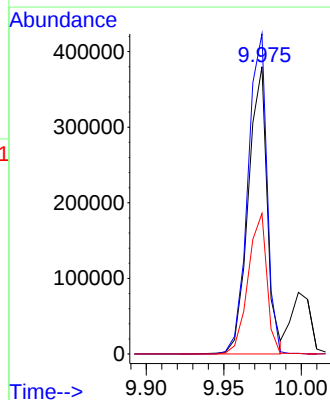
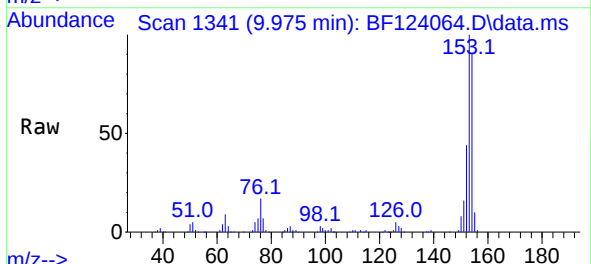
Manual Integrations  
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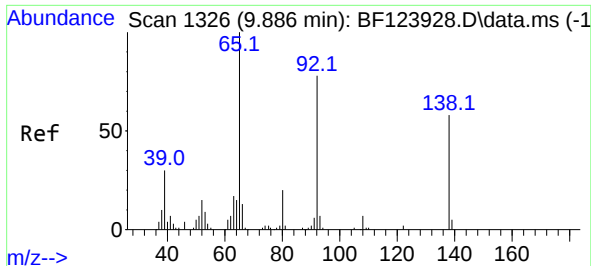
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#52  
Acenaphthene  
Concen: 37.12 ng  
RT: 9.975 min Scan# 1341  
Delta R.T. 0.000 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 322141 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 111.4 | 88.1  | 132.1  |
| 152       | 48.9  | 43.4  | 65.0   |





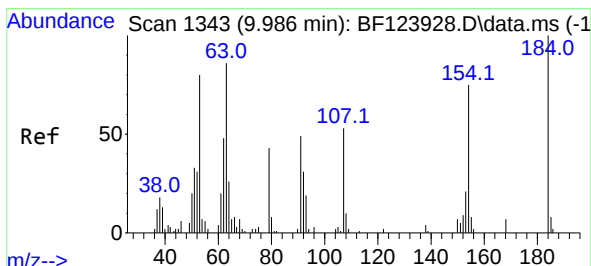
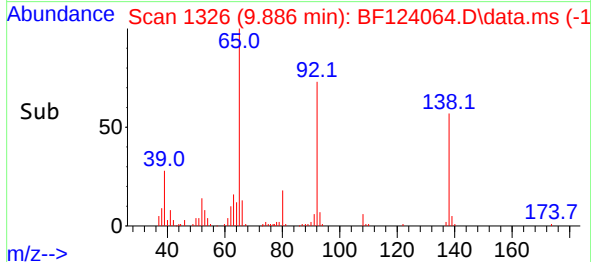
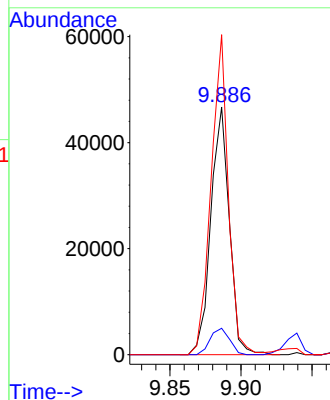
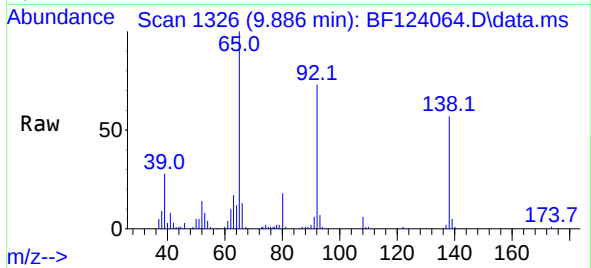
#53  
3-Nitroaniline  
Concen: 21.53 ng  
RT: 9.886 min Scan# 1326  
Delta R.T. 0.000 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

Tgt Ion:138 Resp: 42389  
Ion Ratio Lower Upper  
138 100  
108 10.7 10.2 15.4  
92 129.2 103.3 154.9

Instrument :  
BNA\_F  
ClientSampleId :  
1-5-TPMSD

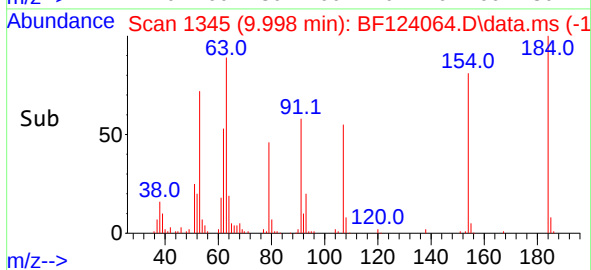
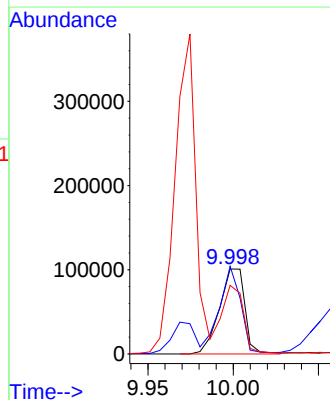
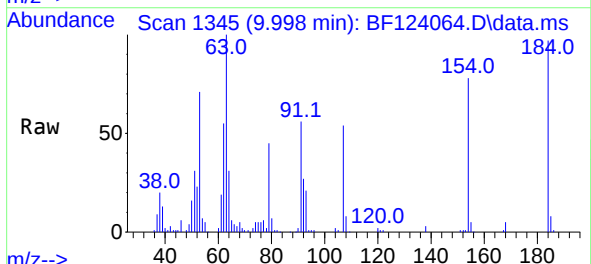
Manual Integrations  
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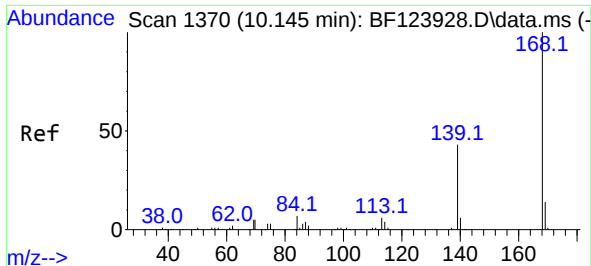
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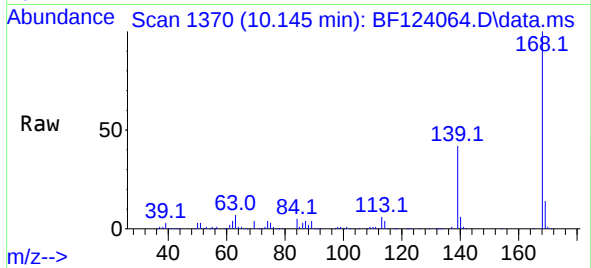
#54  
2,4-Dinitrophenol  
Concen: 96.65 ng  
RT: 9.998 min Scan# 1345  
Delta R.T. 0.012 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

Tgt Ion:184 Resp: 104682  
Ion Ratio Lower Upper  
184 100  
63 103.1 73.5 110.3  
154 80.7 52.5 78.7#

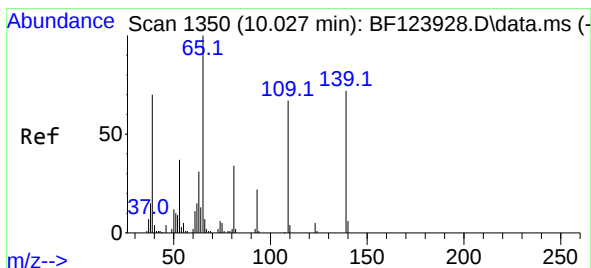
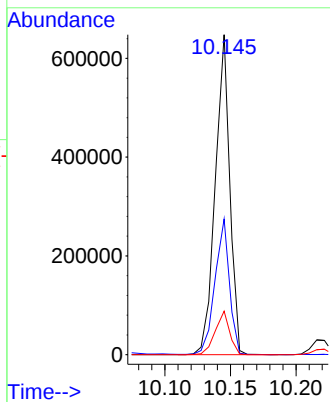
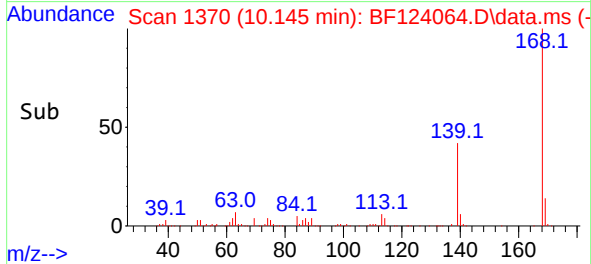




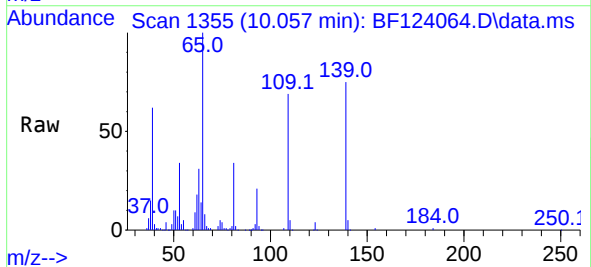
#55  
Dibenzenofuran  
Concen: 39.95 ng  
RT: 10.145 min Scan# 1370  
Delta R.T. 0.000 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37



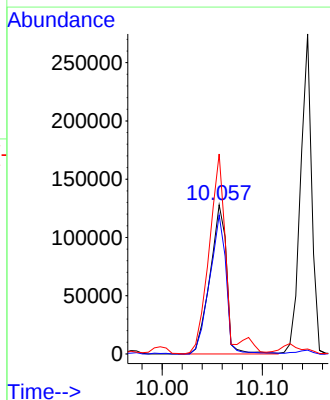
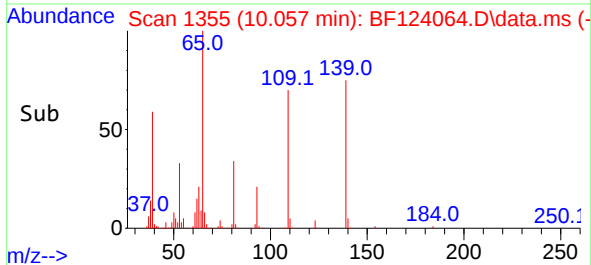
Tgt Ion:168 Resp: 498000  
Ion Ratio Lower Upper  
168 100  
139 42.4 33.2 49.8  
169 13.6 10.8 16.2



#56  
4-Nitrophenol  
Concen: 90.86 ng  
RT: 10.057 min Scan# 1355  
Delta R.T. 0.029 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37



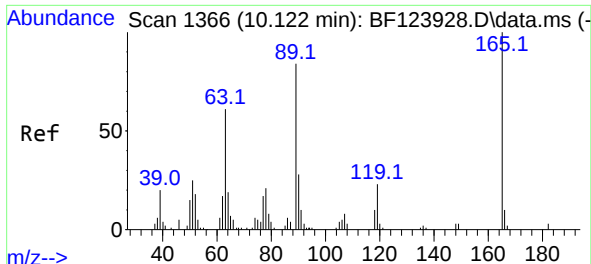
Tgt Ion:139 Resp: 147943  
Ion Ratio Lower Upper  
139 100  
109 93.1 63.2 103.2  
65 134.1 110.0 150.0



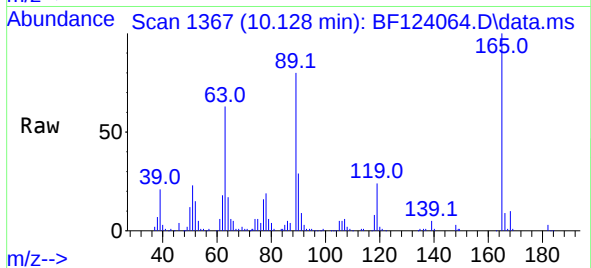
Instrument :  
BNA\_F  
ClientSampled :  
1-5-TPMSD

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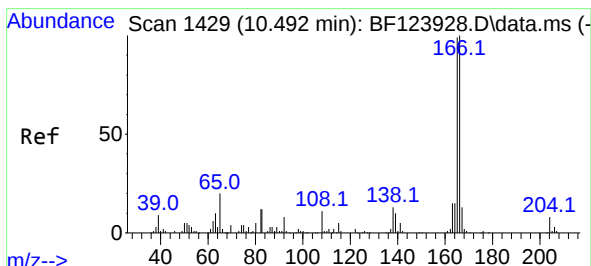
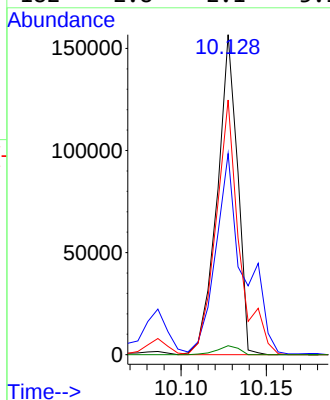
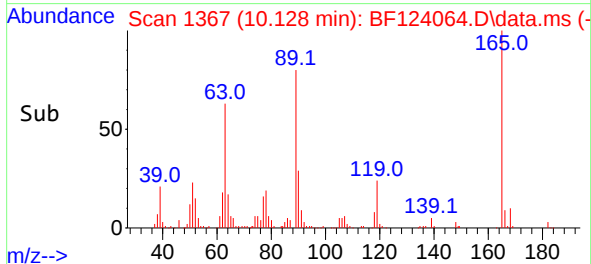
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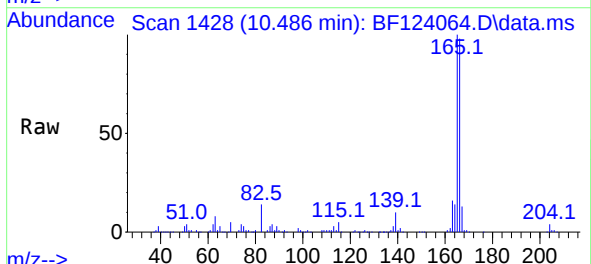
#57  
2,4-Dinitrotoluene  
Concen: 53.54 ng  
RT: 10.128 min Scan# 1367  
Delta R.T. 0.006 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37



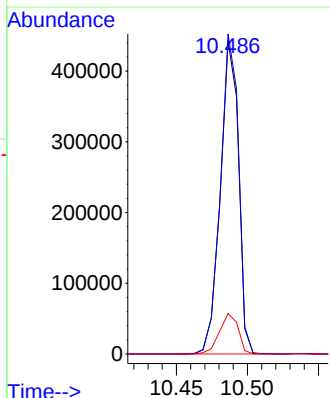
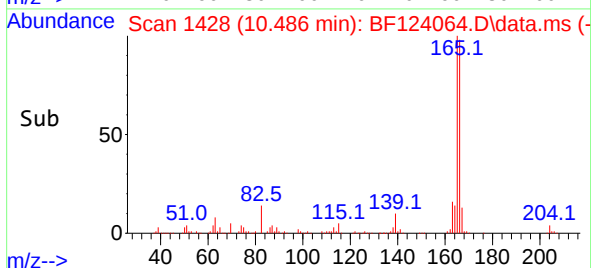
Tgt Ion:165 Resp: 130079  
Ion Ratio Lower Upper  
165 100  
63 62.9 43.5 65.3  
89 79.6 67.7 101.5  
182 2.8 2.1 3.1



#58  
Fluorene  
Concen: 41.83 ng  
RT: 10.486 min Scan# 1428  
Delta R.T. -0.006 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37



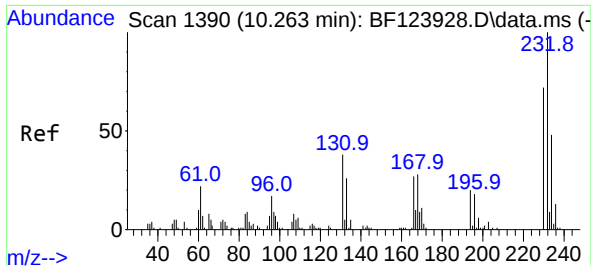
Tgt Ion:166 Resp: 392946  
Ion Ratio Lower Upper  
166 100  
165 102.3 73.5 110.3  
167 12.9 10.7 16.1



Instrument :  
BNA\_F  
ClientSampled :  
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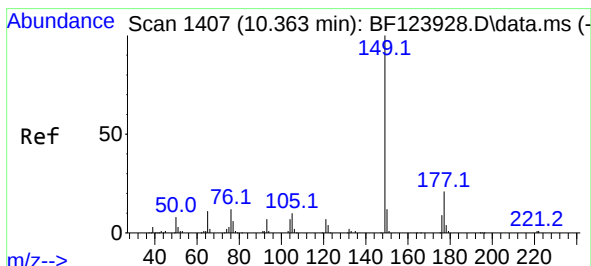
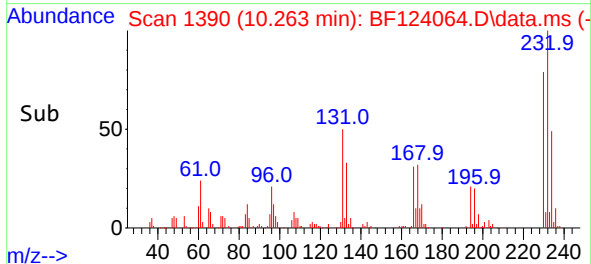
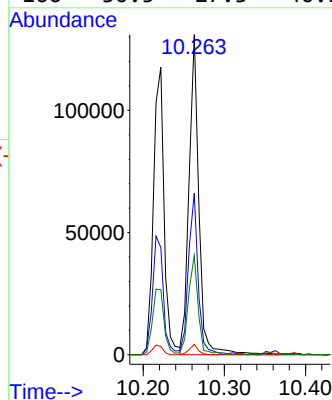
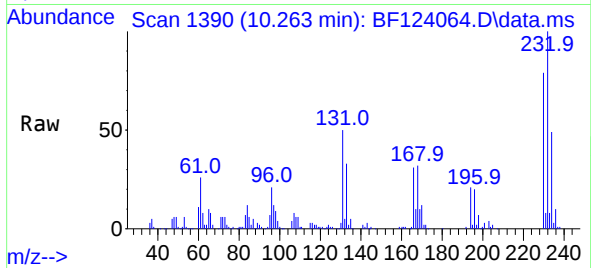
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 45.07 ng  
RT: 10.263 min Scan# 1390  
Delta R.T. 0.000 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

Tgt Ion:232 Resp: 110532  
Ion Ratio Lower Upper  
232 100  
131 48.7 43.2 64.8  
130 2.8 2.2 3.2  
166 30.5 27.3 40.9

Instrument :  
BNA\_F  
ClientSampled :  
1-5-TPMSD

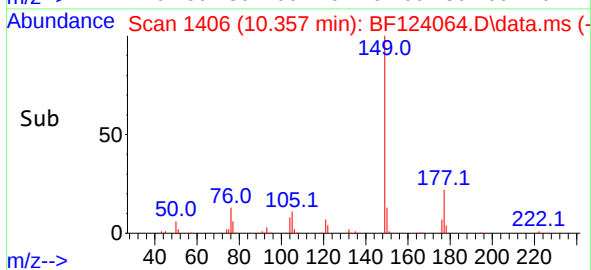
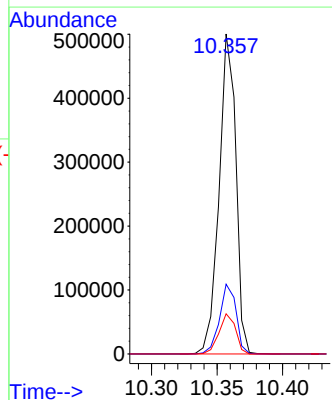
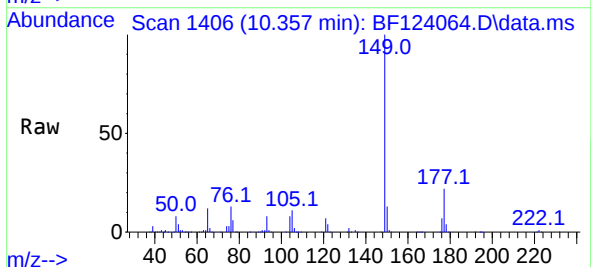
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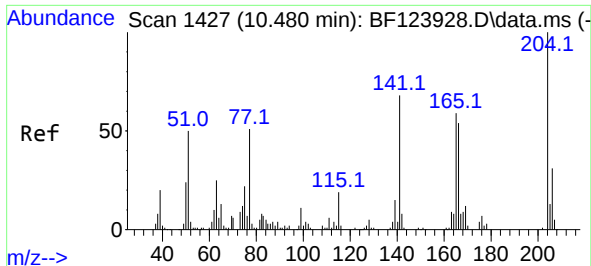
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#60  
Diethylphthalate  
Concen: 45.76 ng  
RT: 10.357 min Scan# 1406  
Delta R.T. -0.006 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

Tgt Ion:149 Resp: 443918  
Ion Ratio Lower Upper  
149 100  
177 21.8 15.4 23.2  
150 12.6 9.9 14.9





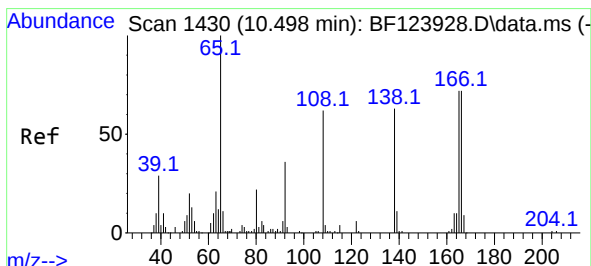
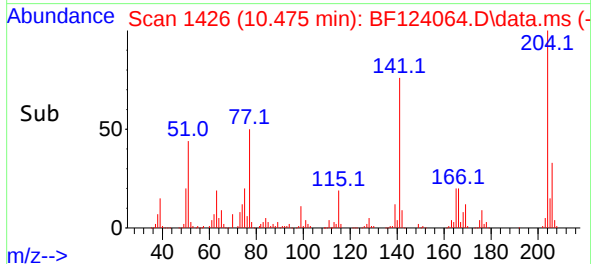
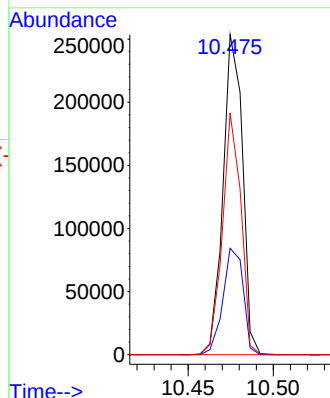
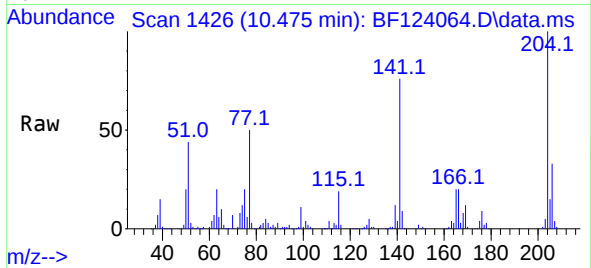
#61  
4-Chlorophenyl-phenylether  
Concen: 42.89 ng  
RT: 10.475 min Scan# 1426  
Delta R.T. -0.006 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

Instrument :  
BNA\_F  
ClientSampled :  
1-5-TPMSD

Tgt Ion:204 Resp: 201883  
Ion Ratio Lower Upper  
204 100  
206 33.2 25.7 38.5  
141 75.6 55.5 83.3

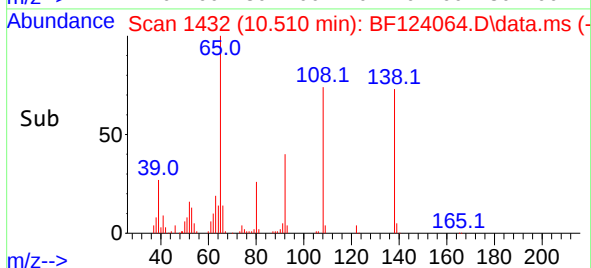
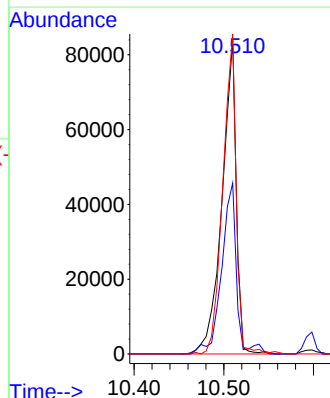
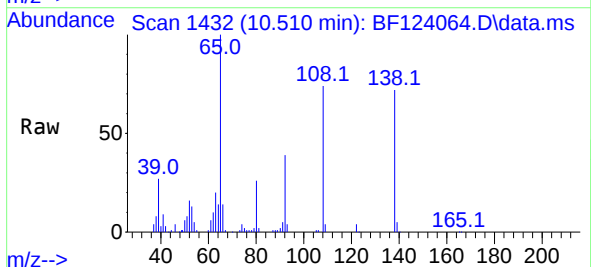
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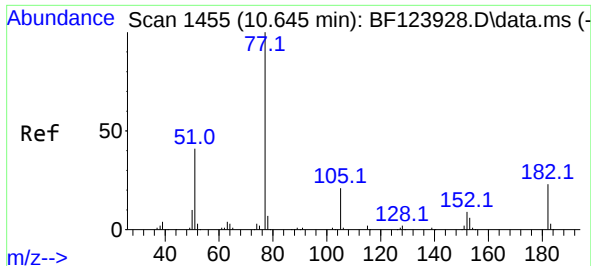
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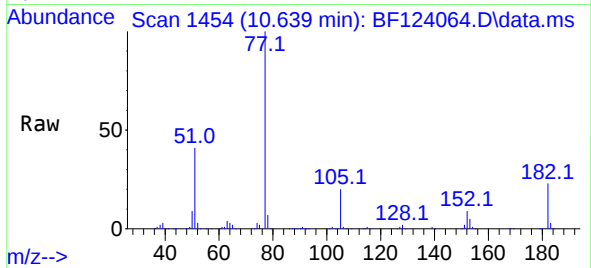
#62  
4-Nitroaniline  
Concen: 47.08 ng  
RT: 10.510 min Scan# 1432  
Delta R.T. 0.012 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

Tgt Ion:138 Resp: 92179  
Ion Ratio Lower Upper  
138 100  
92 54.5 35.8 75.8  
108 102.0 63.6 103.6

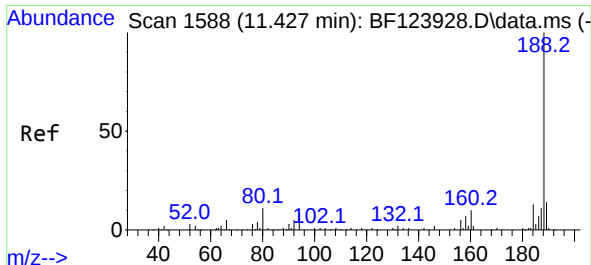
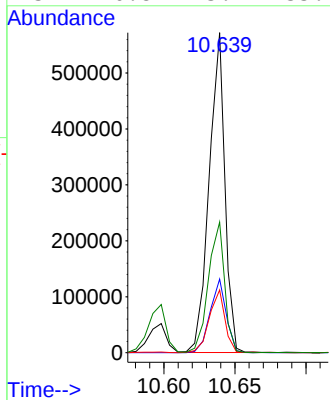
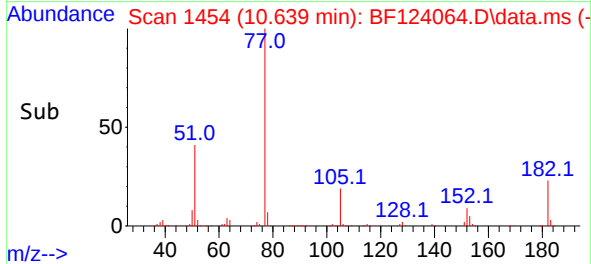




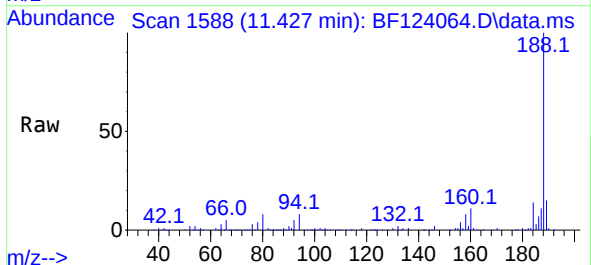
#63  
Azobenzene  
Concen: 40.81 ng  
RT: 10.639 min Scan# 1454  
Delta R.T. -0.006 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37



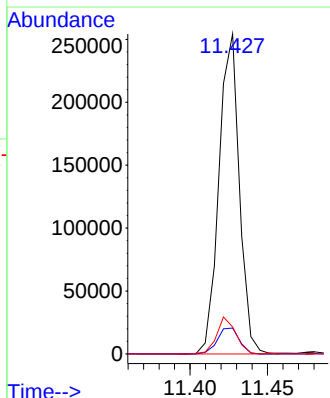
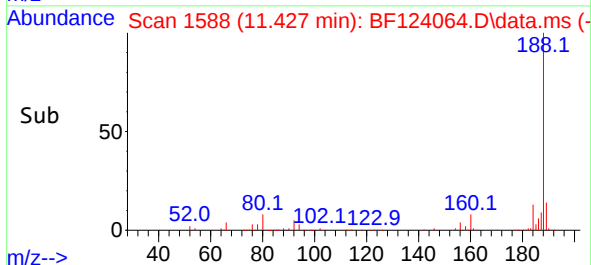
Tgt Ion: 77 Resp: 440295  
Ion Ratio Lower Upper  
77 100  
182 23.0 1.7 41.7  
105 19.6 1.7 41.7  
51 40.8 15.9 55.9



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.427 min Scan# 1588  
Delta R.T. 0.000 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37



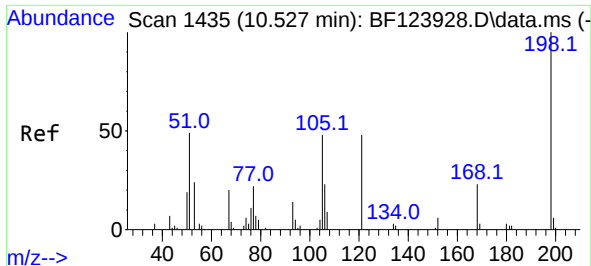
Tgt Ion: 188 Resp: 232819  
Ion Ratio Lower Upper  
188 100  
94 8.1 6.9 10.3  
80 8.5 8.2 12.2



Instrument :  
BNA\_F  
ClientSampleId :  
1-5-TPMSD

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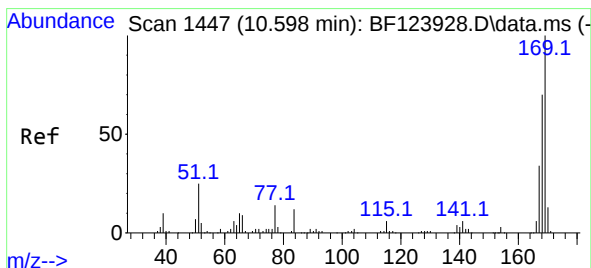
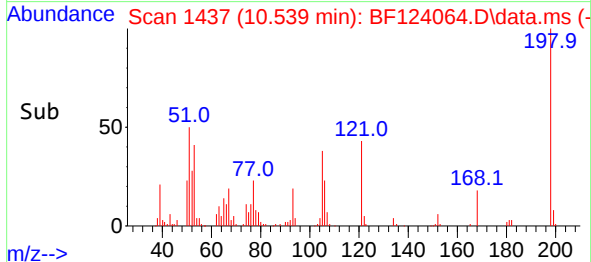
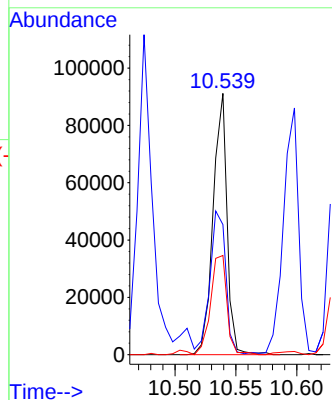
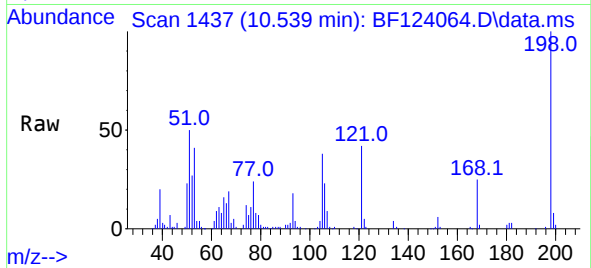
#65  
4,6-Dinitro-2-methylphenol  
Concen: 48.60 ng  
RT: 10.539 min Scan# 1437  
Delta R.T. 0.012 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

Tgt Ion:198 Resp: 73019  
Ion Ratio Lower Upper  
198 100  
51 49.8 64.8 104.8#  
105 38.0 42.6 82.6#

Instrument :  
BNA\_F  
ClientSampled :  
1-5-TPMSD

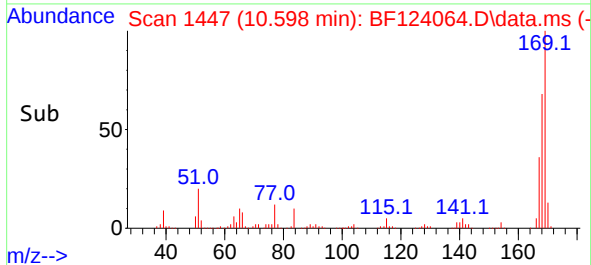
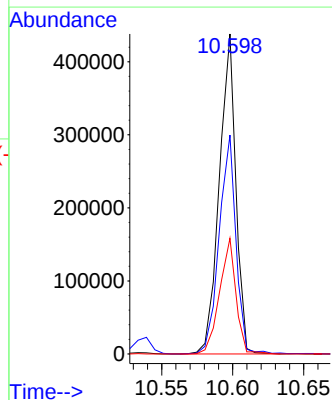
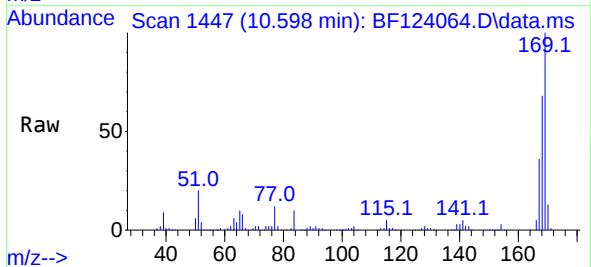
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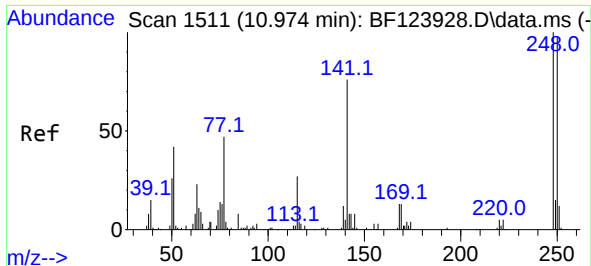
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#66  
n-Nitrosodiphenylamine  
Concen: 39.88 ng  
RT: 10.598 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

Tgt Ion:169 Resp: 354759  
Ion Ratio Lower Upper  
169 100  
168 68.4 53.3 79.9  
167 36.2 29.9 44.9





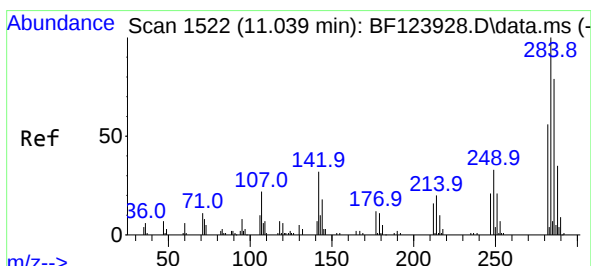
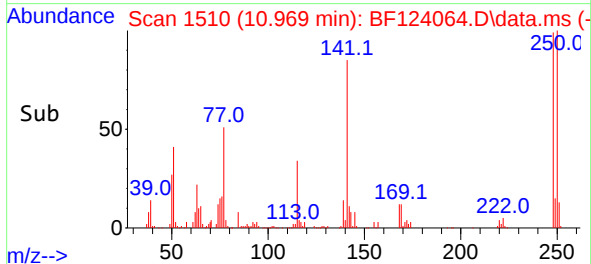
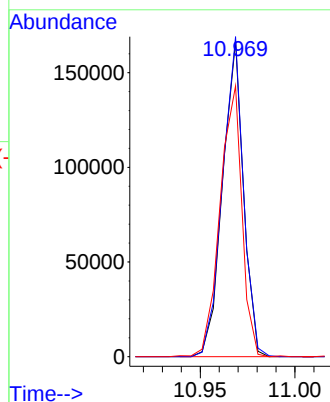
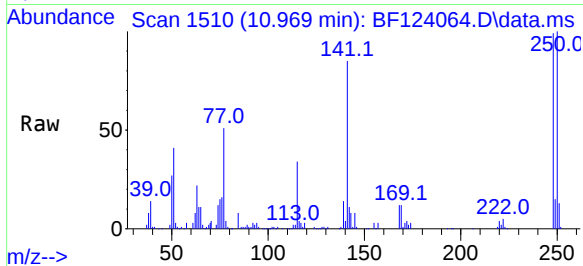
#67  
4-Bromophenyl-phenylether  
Concen: 41.65 ng  
RT: 10.969 min Scan# 1510  
Delta R.T. -0.006 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

Instrument :  
BNA\_F  
ClientSampleId :  
1-5-TPMSD

Tgt Ion:248 Resp: 127451  
Ion Ratio Lower Upper  
248 100  
250 101.5 77.4 116.2  
141 85.9 63.7 95.5

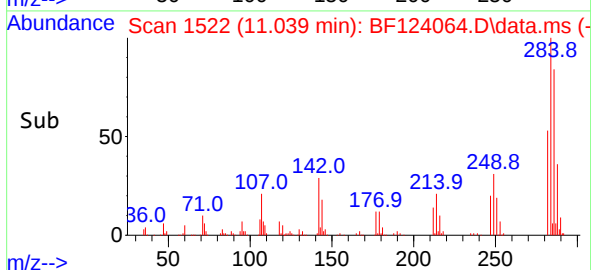
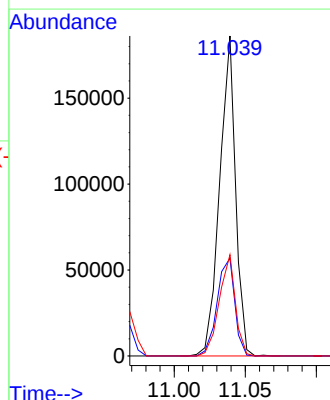
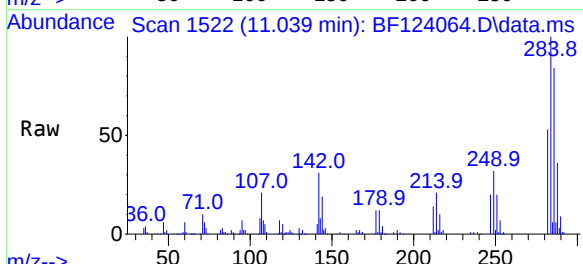
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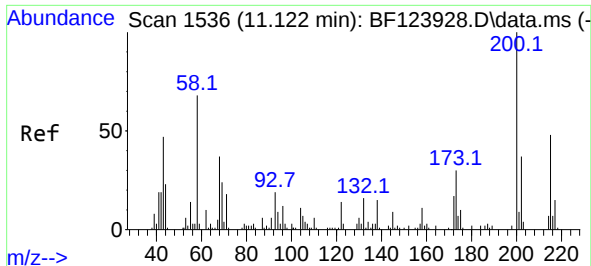
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#68  
Hexachlorobenzene  
Concen: 42.37 ng  
RT: 11.039 min Scan# 1522  
Delta R.T. 0.000 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

Tgt Ion:284 Resp: 144737  
Ion Ratio Lower Upper  
284 100  
142 30.5 28.3 42.5  
249 31.7 23.5 35.3





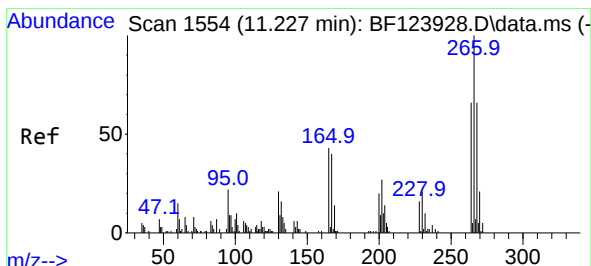
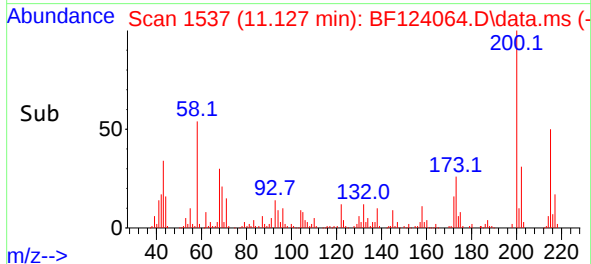
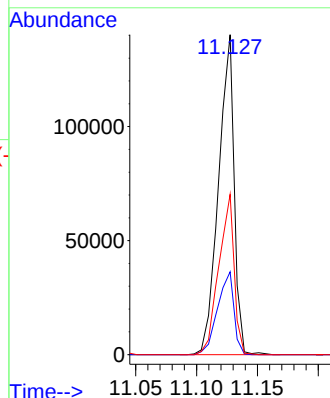
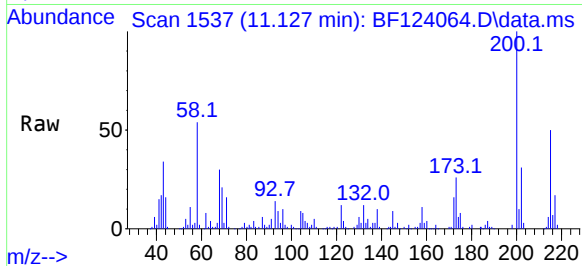
#69  
Atrazine  
Concen: 49.95 ng  
RT: 11.127 min Scan# 1537  
Delta R.T. 0.006 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

Tgt Ion:200 Resp: 125490  
Ion Ratio Lower Upper  
200 100  
173 25.9 6.9 46.9  
215 50.1 26.5 66.5

Instrument :  
BNA\_F  
ClientSampled :  
1-5-TPMSD

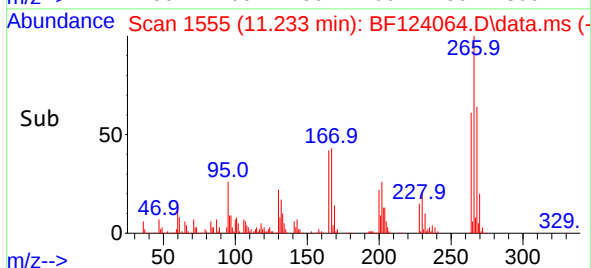
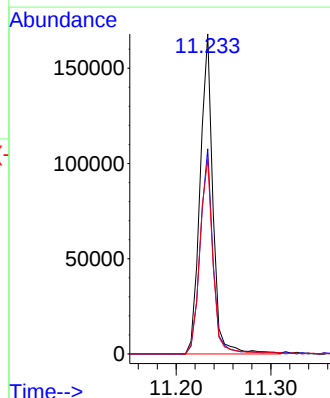
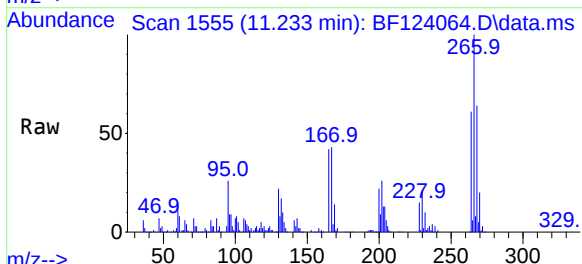
Manual Integrations  
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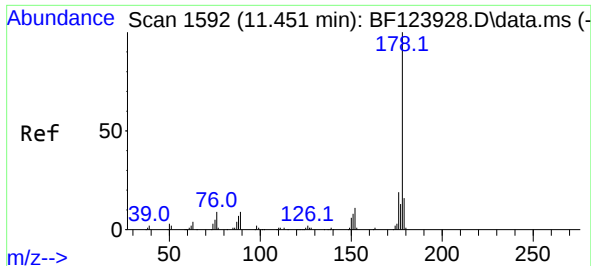
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#70  
Pentachlorophenol  
Concen: 78.13 ng  
RT: 11.233 min Scan# 1555  
Delta R.T. 0.006 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

Tgt Ion:266 Resp: 158219  
Ion Ratio Lower Upper  
266 100  
268 64.1 51.6 77.4  
264 61.0 52.6 78.8





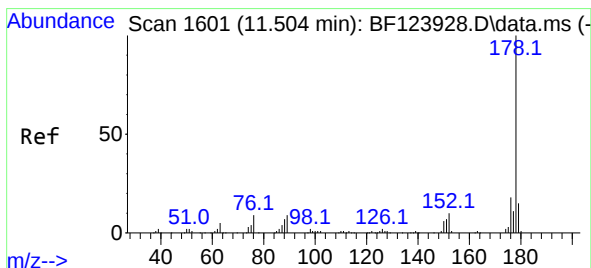
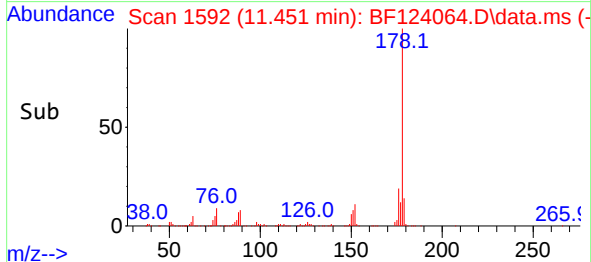
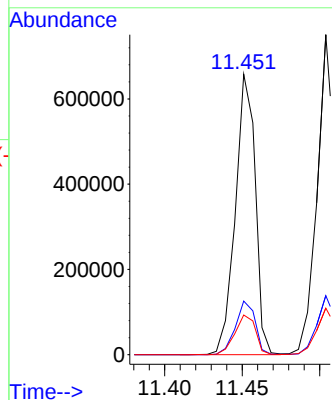
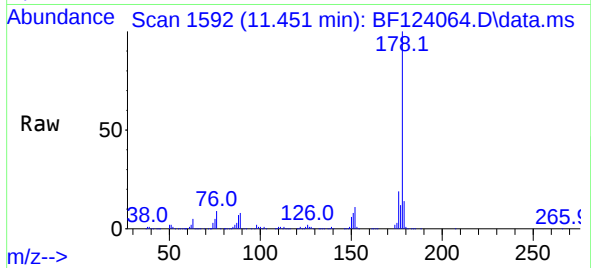
#71  
Phenanthrene  
Concen: 39.87 ng  
RT: 11.451 min Scan# 1592  
Delta R.T. 0.000 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

Tgt Ion:178 Resp: 588289  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.6 23.4  
179 14.1 12.5 18.7

Instrument :  
BNA\_F  
ClientSampled :  
1-5-TPMSD

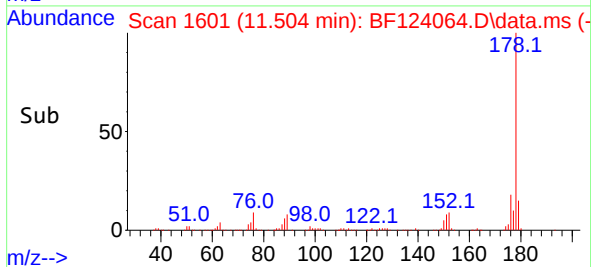
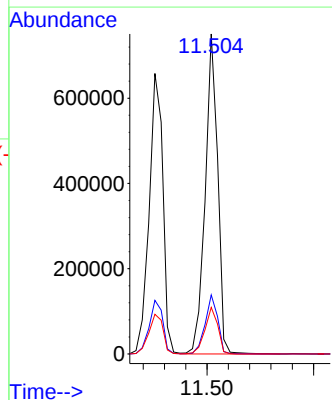
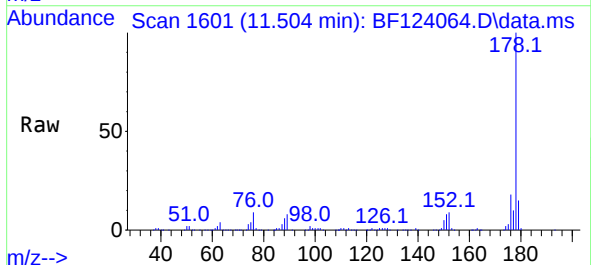
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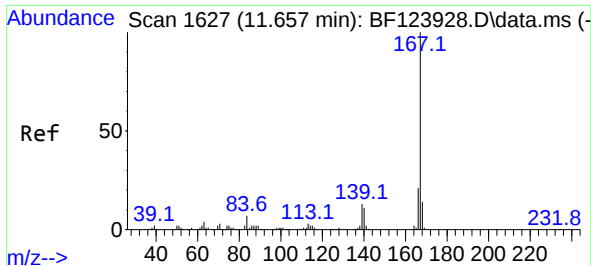
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#72  
Anthracene  
Concen: 40.99 ng  
RT: 11.504 min Scan# 1601  
Delta R.T. 0.000 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

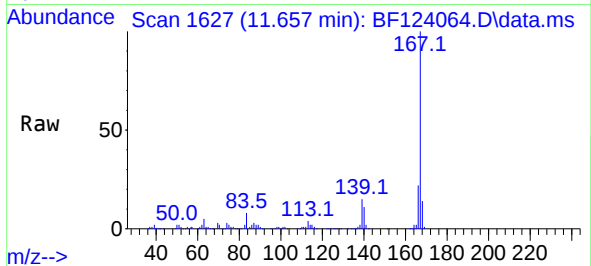
Tgt Ion:178 Resp: 612879  
Ion Ratio Lower Upper  
178 100  
176 18.4 15.4 23.0  
179 14.6 12.6 18.8





#73  
 Carbazole  
 Concen: 37.54 ng  
 RT: 11.657 min Scan# 1627  
 Delta R.T. 0.000 min  
 Lab File: BF124064.D  
 Acq: 26 May 2021 14:37

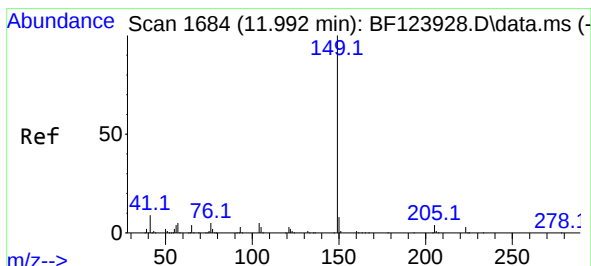
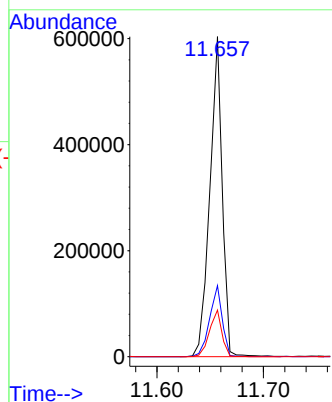
Instrument :  
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 ClientSampleId :  
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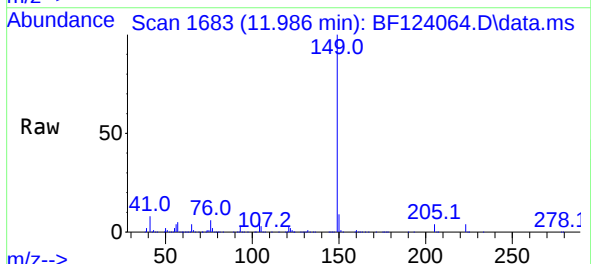
|             |              |       |      |
|-------------|--------------|-------|------|
| Tgt Ion:167 | Resp: 491064 |       |      |
| Ion Ratio   | Lower        | Upper |      |
| 167         | 100          |       |      |
| 166         | 22.2         | 17.0  | 25.6 |
| 139         | 14.5         | 10.4  | 15.6 |

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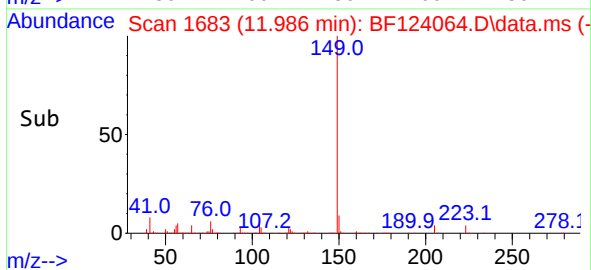
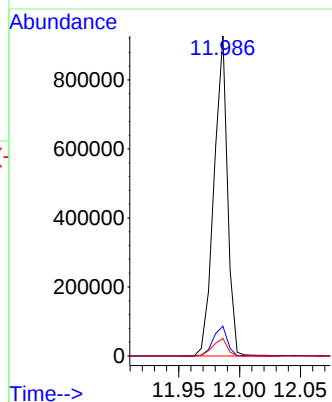
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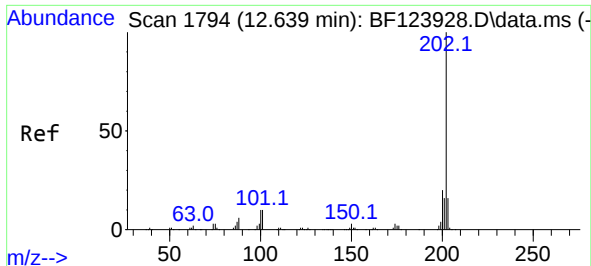


#74  
 Di-n-butylphthalate  
 Concen: 43.52 ng  
 RT: 11.986 min Scan# 1683  
 Delta R.T. -0.006 min  
 Lab File: BF124064.D  
 Acq: 26 May 2021 14:37



|             |              |       |  |
|-------------|--------------|-------|--|
| Tgt Ion:149 | Resp: 712420 |       |  |
| Ion Ratio   | Lower        | Upper |  |
| 149 100     |              |       |  |
| 150 9.3     | 7.8          | 11.8  |  |
| 104 5.5     | 4.6          | 6.8   |  |





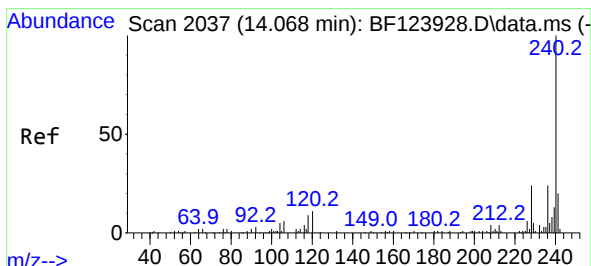
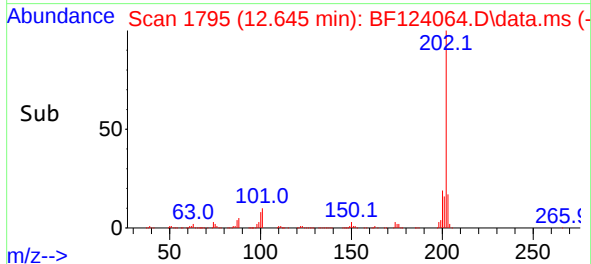
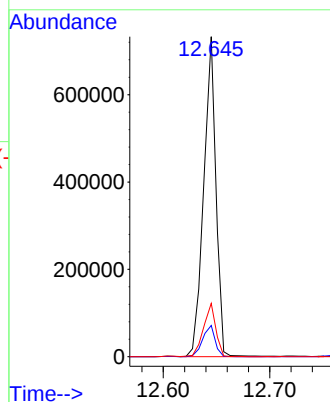
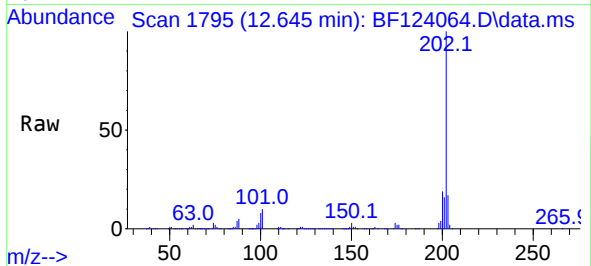
#75  
Fluoranthene  
Concen: 38.60 ng  
RT: 12.645 min Scan# 1795  
Delta R.T. 0.006 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 589709 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 9.7   | 0.0   | 30.9   |
| 203       | 16.7  | 0.0   | 37.5   |

Instrument :  
BNA\_F  
ClientSampleId :  
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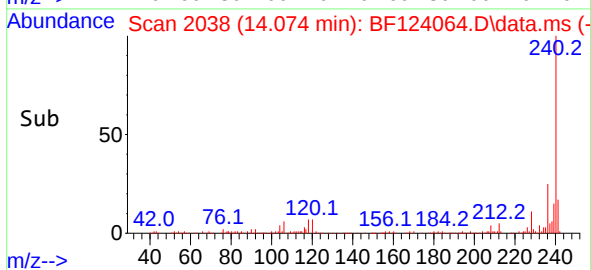
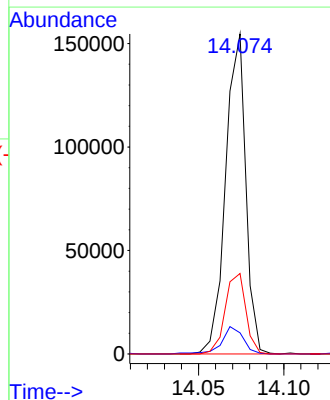
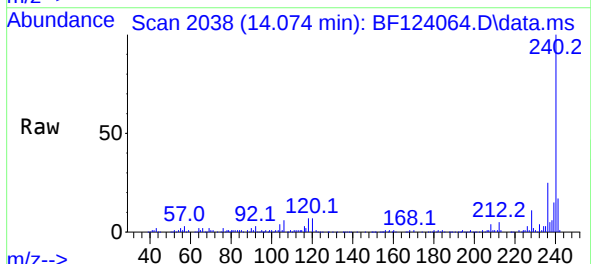
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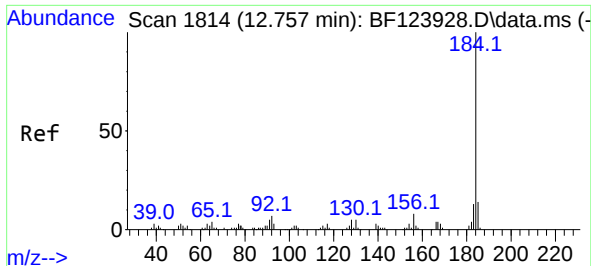
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#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.074 min Scan# 2038  
Delta R.T. 0.006 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 126947 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 6.6   | 7.2   | 10.8#  |
| 236       | 25.2  | 19.0  | 28.4   |





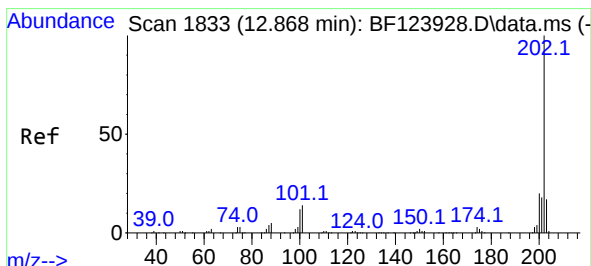
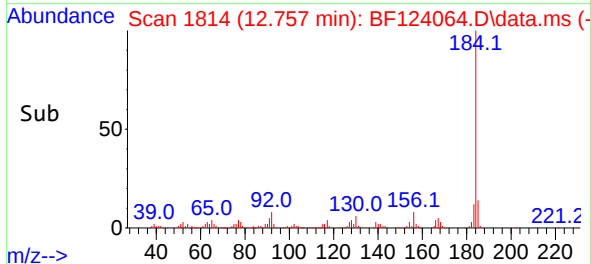
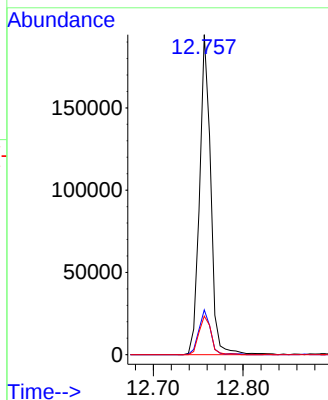
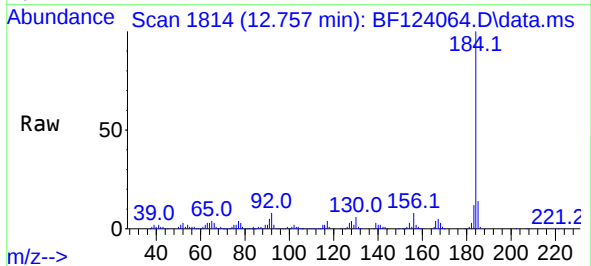
#77  
Benzidine  
Concen: 54.60 ng  
RT: 12.757 min Scan# 1814  
Delta R.T. 0.000 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

Tgt Ion:184 Resp: 167252  
Ion Ratio Lower Upper  
184 100  
185 14.0 12.1 18.1  
183 12.1 7.8 11.8#

Instrument :  
BNA\_F  
ClientSampleId :  
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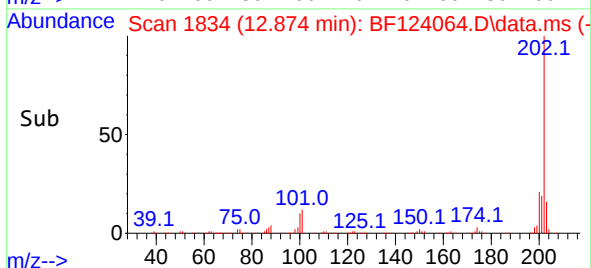
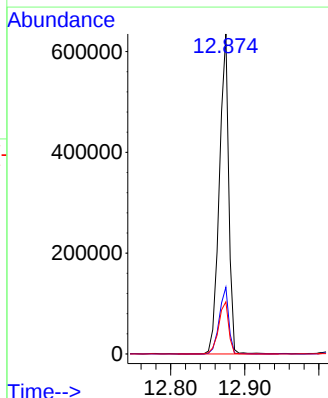
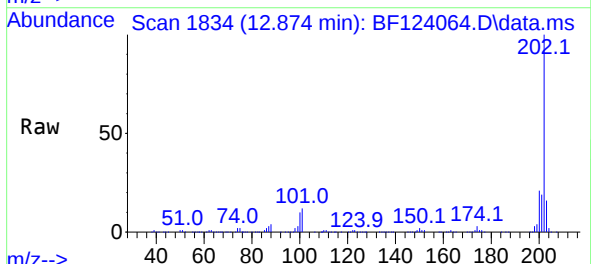
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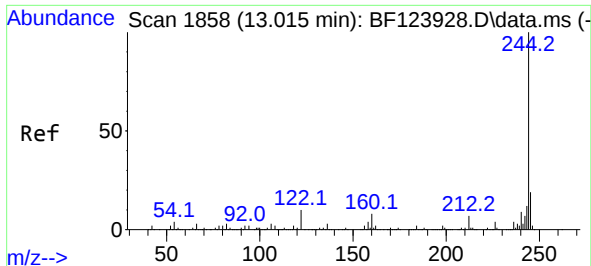
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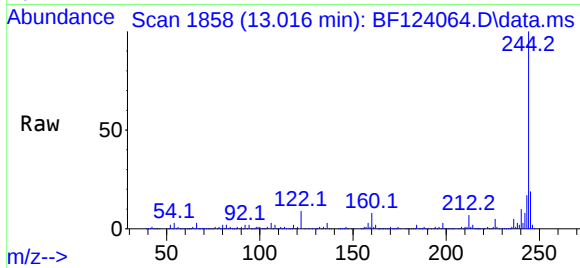
#78  
Pyrene  
Concen: 49.61 ng  
RT: 12.874 min Scan# 1834  
Delta R.T. 0.006 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

Tgt Ion:202 Resp: 559098  
Ion Ratio Lower Upper  
202 100  
200 20.9 16.1 24.1  
203 16.3 14.8 22.2

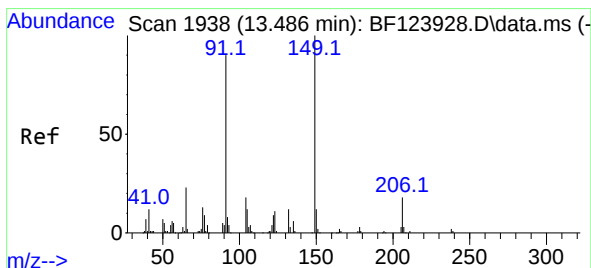
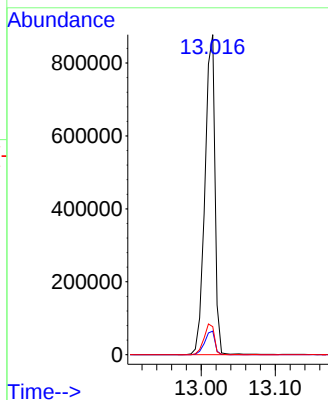
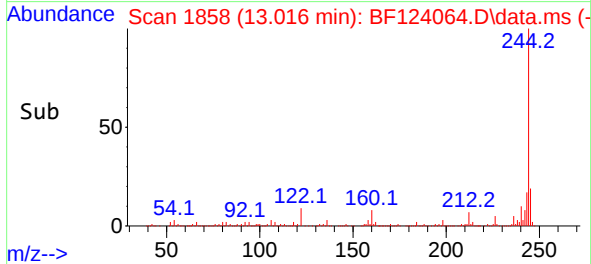




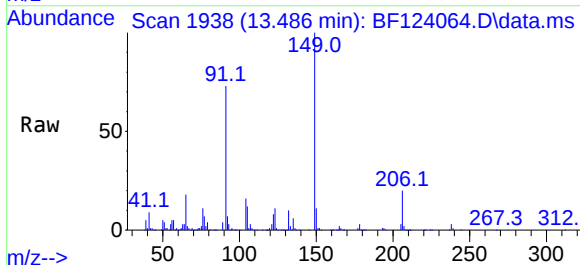
#79  
Terphenyl-d14  
Concen: 98.49 ng  
RT: 13.016 min Scan# 1858  
Delta R.T. 0.000 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37



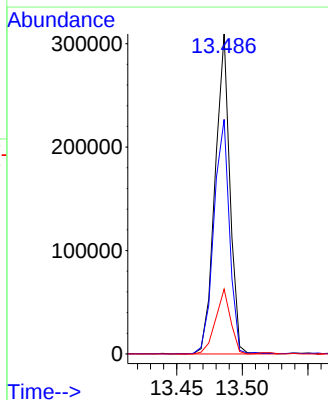
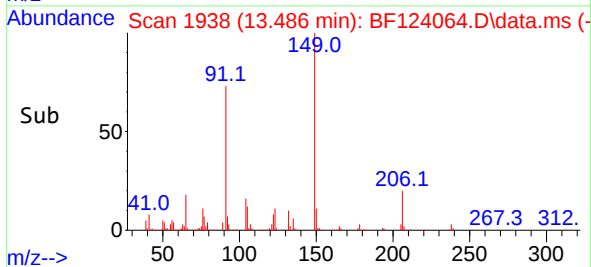
Tgt Ion:244 Resp: 825506  
Ion Ratio Lower Upper  
244 100  
212 7.4 5.7 8.5  
122 8.7 9.7 14.5#



#80  
Butylbenzylphthalate  
Concen: 54.88 ng  
RT: 13.486 min Scan# 1938  
Delta R.T. 0.000 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37



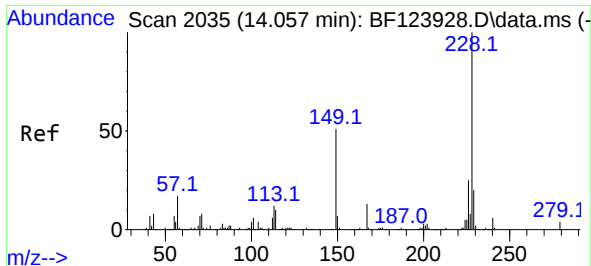
Tgt Ion:149 Resp: 242567  
Ion Ratio Lower Upper  
149 100  
91 73.3 63.6 95.4  
206 20.3 14.5 21.7



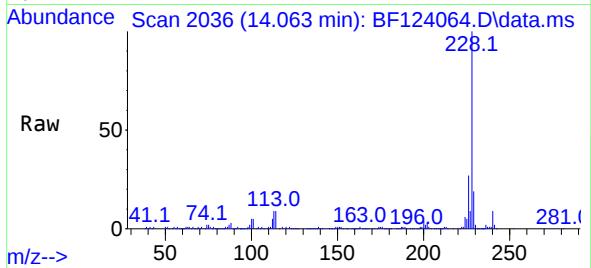
Instrument :  
BNA\_F  
ClientSampleId :  
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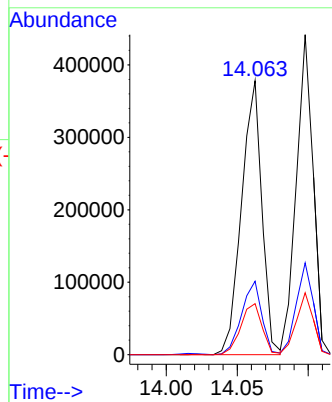
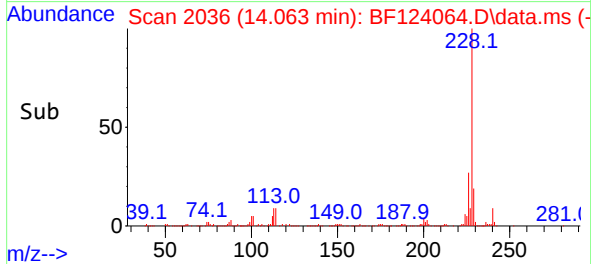
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#81  
Benzo(a)anthracene  
Concen: 41.08 ng  
RT: 14.063 min Scan# 2036  
Delta R.T. 0.006 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37



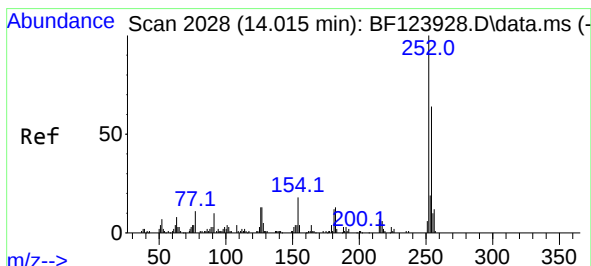
Tgt Ion:228 Resp: 377142  
Ion Ratio Lower Upper  
228 100  
226 26.8 22.4 33.6  
229 18.6 16.0 24.0



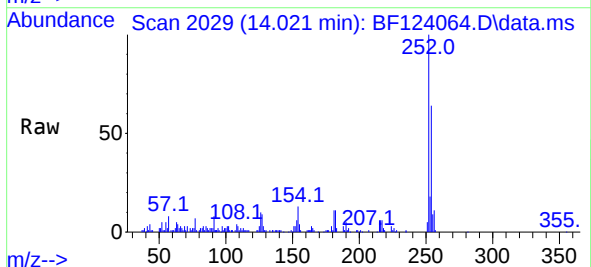
Instrument :  
BNA\_F  
ClientSampled :  
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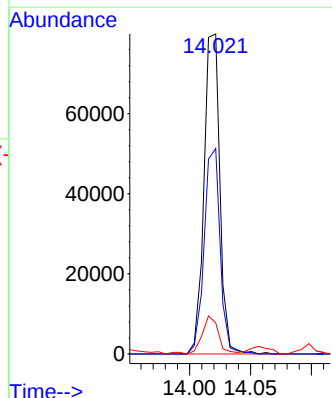
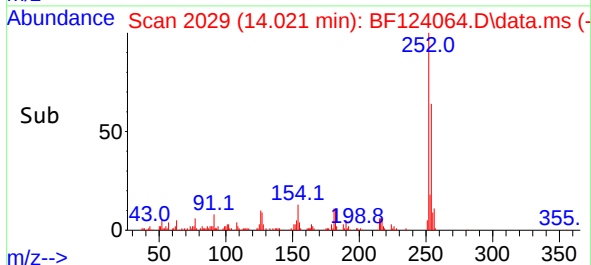
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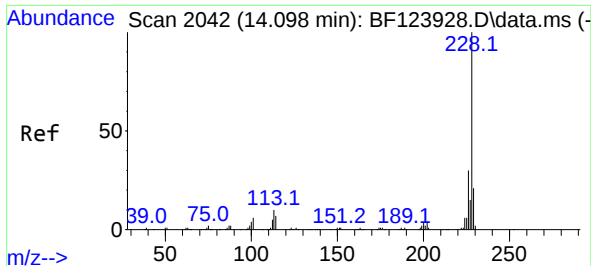


#82  
3,3'-Dichlorobenzidine  
Concen: 25.50 ng  
RT: 14.021 min Scan# 2029  
Delta R.T. 0.006 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37



Tgt Ion:252 Resp: 72731  
Ion Ratio Lower Upper  
252 100  
254 64.2 51.1 76.7  
126 9.7 7.7 11.5





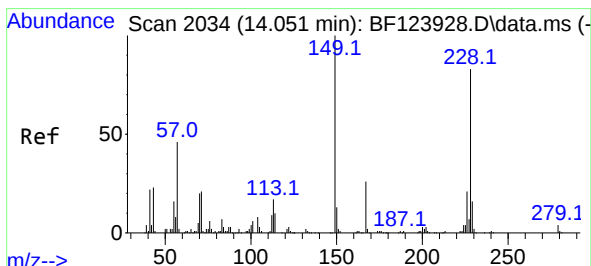
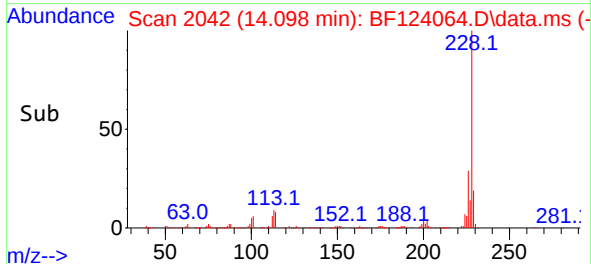
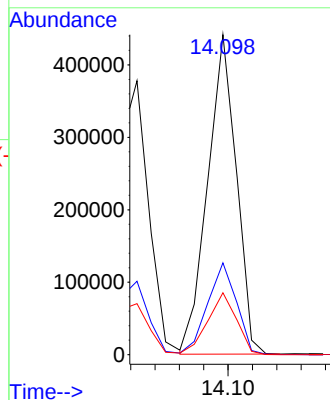
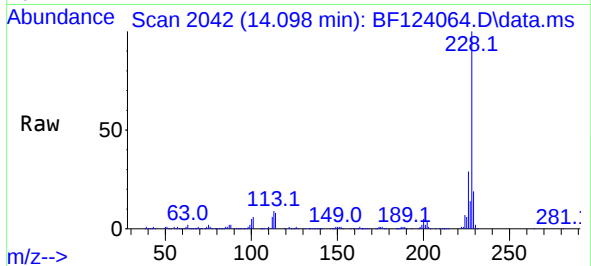
#83  
Chrysene  
Concen: 40.89 ng  
RT: 14.098 min Scan# 2042  
Delta R.T. 0.000 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

Tgt Ion:228 Resp: 361067  
Ion Ratio Lower Upper  
228 100  
226 28.7 24.3 36.5  
229 19.3 16.2 24.2

Instrument :  
BNA\_F  
ClientSampled :  
1-5-TPMSD

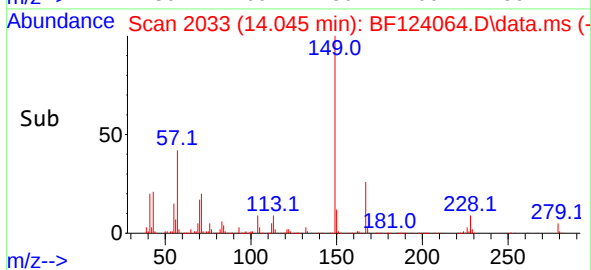
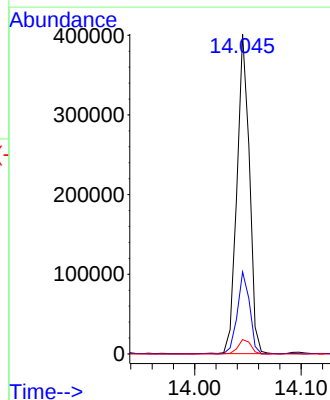
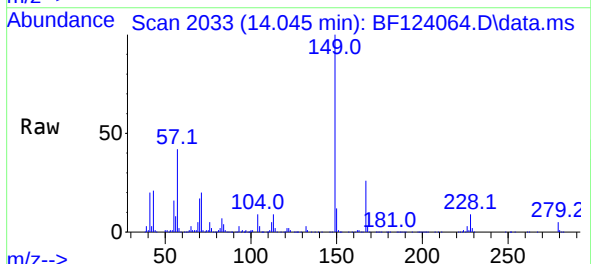
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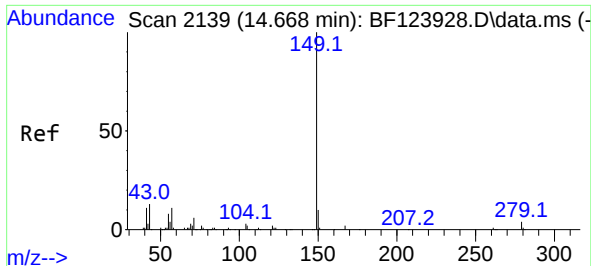
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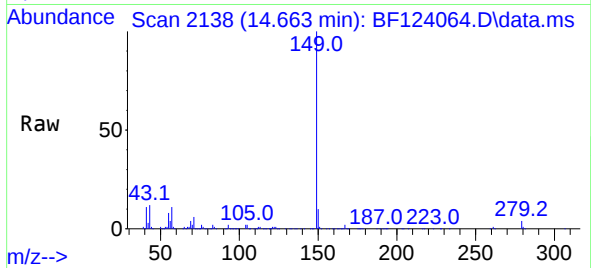
#84  
Bis(2-ethylhexyl)phthalate  
Concen: 52.36 ng  
RT: 14.045 min Scan# 2033  
Delta R.T. -0.006 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

Tgt Ion:149 Resp: 326562  
Ion Ratio Lower Upper  
149 100  
167 25.7 21.8 32.6  
279 4.5 3.3 4.9

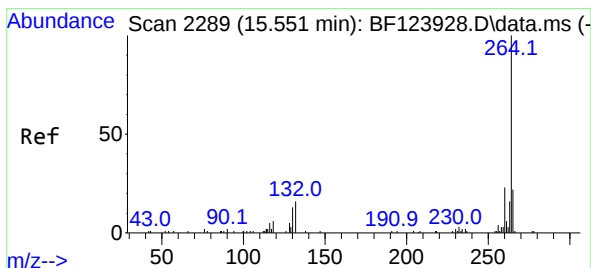
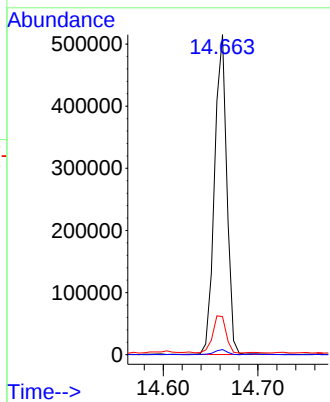
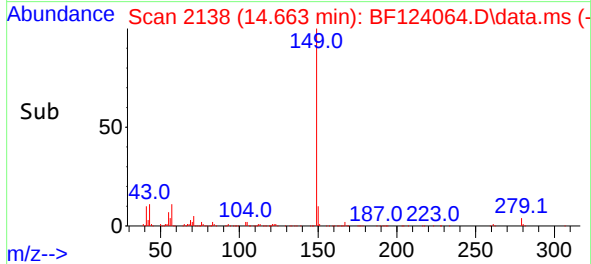




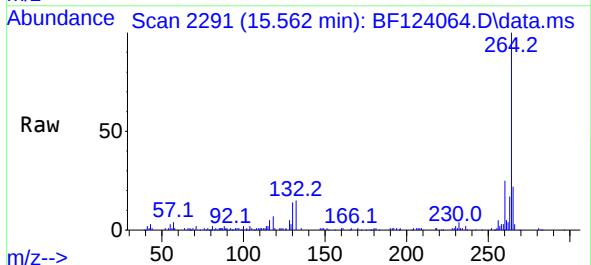
#85  
Di-n-octyl phthalate  
Concen: 49.09 ng  
RT: 14.663 min Scan# 2138  
Delta R.T. -0.006 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37



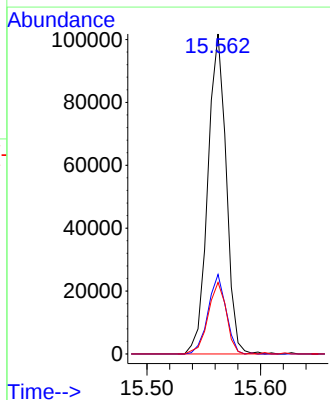
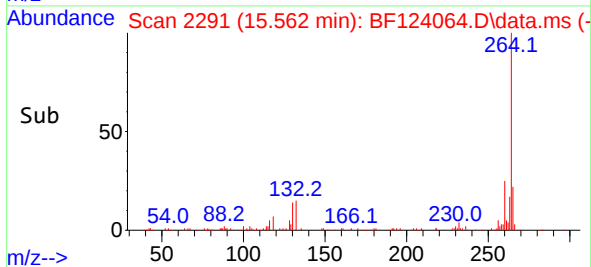
Tgt Ion:149 Resp: 462813  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.2 1.8  
43 12.6 11.8 17.6



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.562 min Scan# 2291  
Delta R.T. 0.012 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37



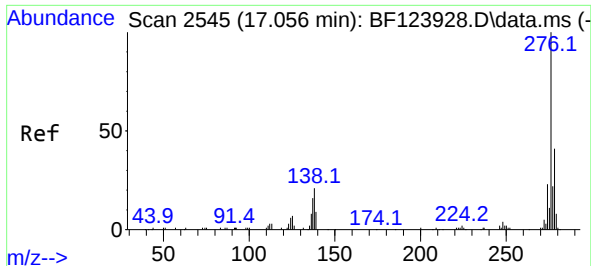
Tgt Ion:264 Resp: 114129  
Ion Ratio Lower Upper  
264 100  
260 24.9 18.7 28.1  
265 22.4 17.8 26.8



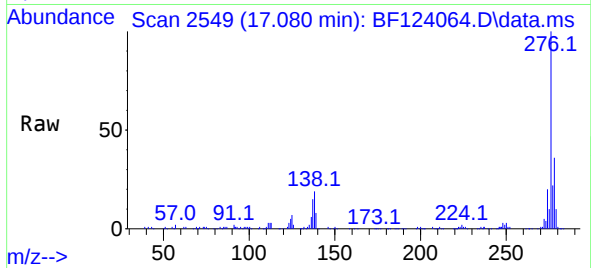
Instrument :  
BNA\_F  
ClientSampleId :  
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#87  
Indeno(1,2,3-cd)pyrene  
Concen: 45.25 ng  
RT: 17.080 min Scan# 2549  
Delta R.T. 0.024 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

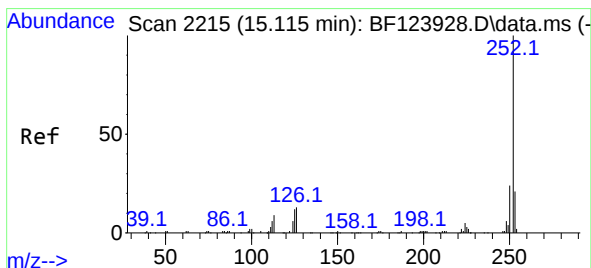
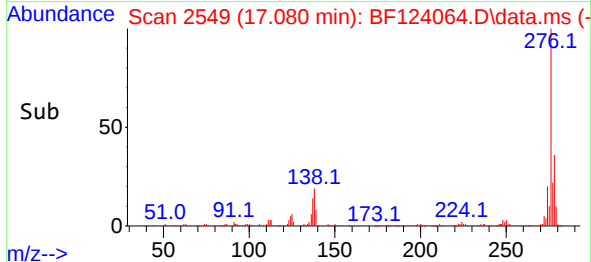
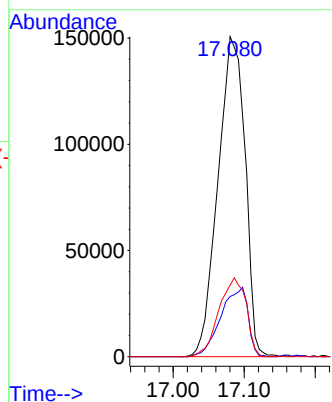


Tgt Ion:276 Resp: 398856  
Ion Ratio Lower Upper  
276 100  
138 21.7 16.2 24.2  
277 24.9 20.1 30.1

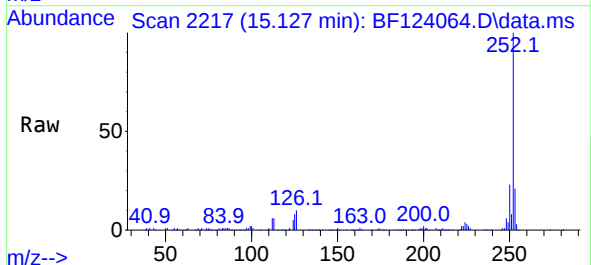
Instrument :  
BNA\_F  
ClientSampled :  
1-5-TPMSD

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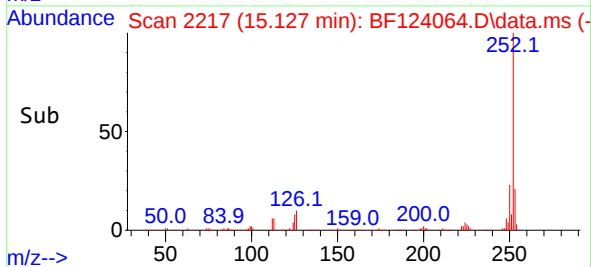
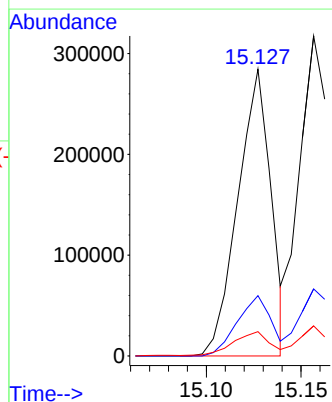
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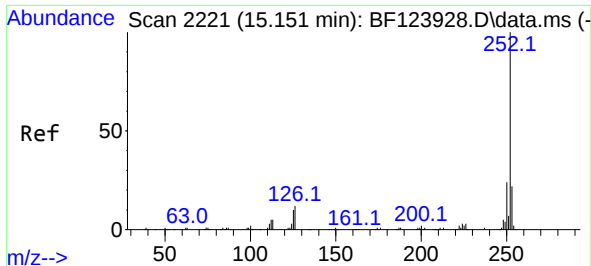


#88  
Benzo(b)fluoranthene  
Concen: 39.24 ng  
RT: 15.127 min Scan# 2217  
Delta R.T. 0.012 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37



Tgt Ion:252 Resp: 346394  
Ion Ratio Lower Upper  
252 100  
253 21.0 18.1 27.1  
125 8.5 6.2 9.4





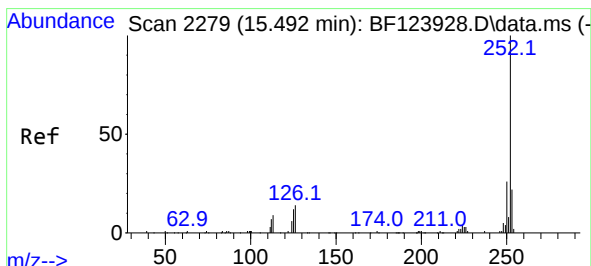
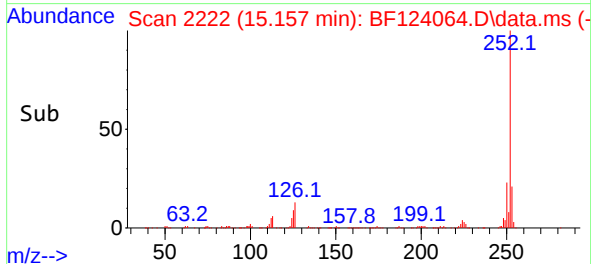
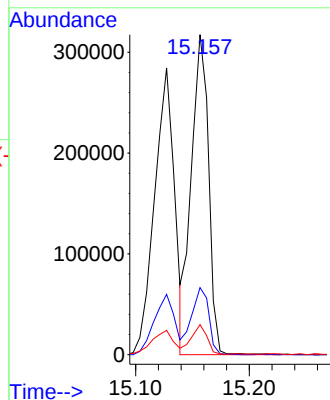
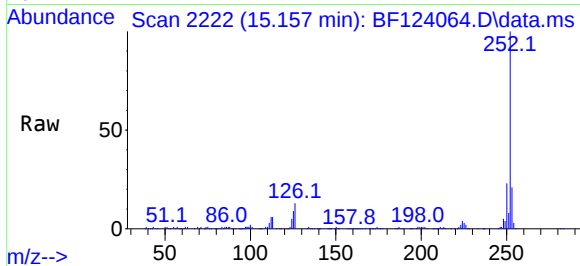
#89  
Benzo(k)fluoranthene  
Concen: 41.77 ng  
RT: 15.157 min Scan# 2222  
Delta R.T. 0.006 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

Tgt Ion:252 Resp: 336073  
Ion Ratio Lower Upper  
252 100  
253 20.9 17.9 26.9  
125 9.4 7.0 10.6

Instrument :  
BNA\_F  
ClientSampleId :  
1-5-TPMSD

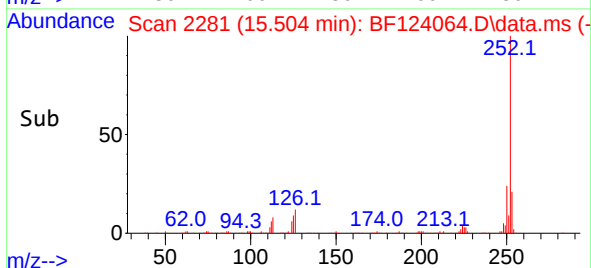
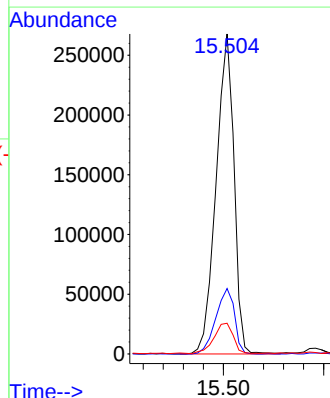
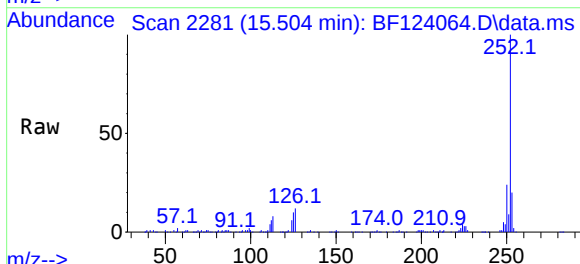
Manual Integrations  
APPROVED

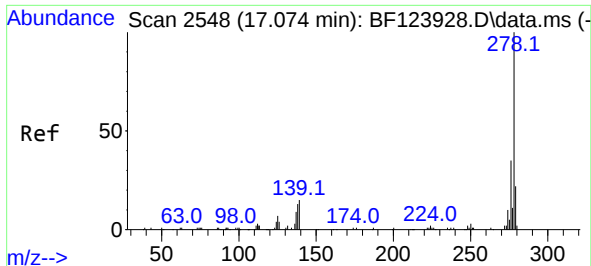
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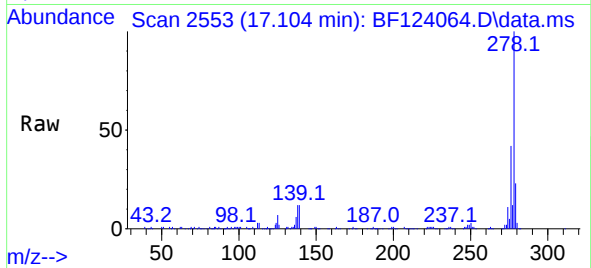
#90  
Benzo(a)pyrene  
Concen: 43.46 ng  
RT: 15.504 min Scan# 2281  
Delta R.T. 0.012 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37

Tgt Ion:252 Resp: 331679  
Ion Ratio Lower Upper  
252 100  
253 20.5 18.4 27.6  
125 9.6 8.0 12.0

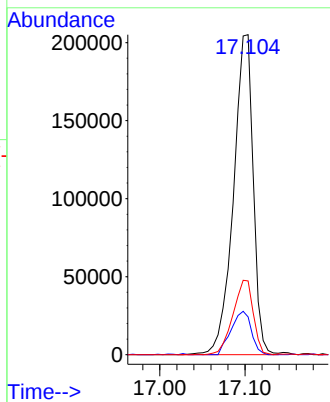
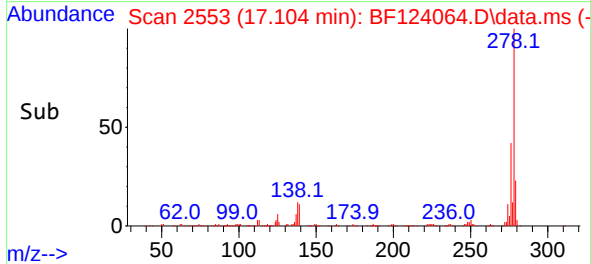




#91  
Dibenzo(a,h)anthracene  
Concen: 44.57 ng  
RT: 17.104 min Scan# 2553  
Delta R.T. 0.029 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37



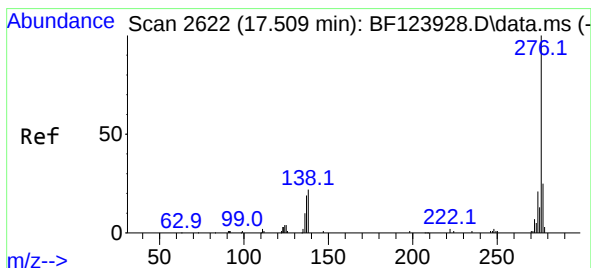
Tgt Ion:278 Resp: 330822  
Ion Ratio Lower Upper  
278 100  
139 11.8 10.2 15.2  
279 23.1 19.4 29.0



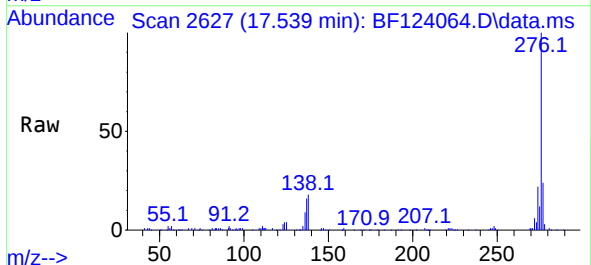
Instrument :  
BNA\_F  
ClientSampled :  
1-5-TPMSD

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#92  
Benzo(g,h,i)perylene  
Concen: 44.16 ng  
RT: 17.539 min Scan# 2627  
Delta R.T. 0.029 min  
Lab File: BF124064.D  
Acq: 26 May 2021 14:37



Tgt Ion:276 Resp: 328738  
Ion Ratio Lower Upper  
276 100  
277 24.0 18.2 27.2  
138 18.4 13.8 20.6

