

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051821\  
 Data File : BF123977.D  
 Acq On : 18 May 2021 14:12  
 Operator : JU/CG  
 Sample : PB136493BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB136493BS

Manual Integrations  
 APPROVED

mohammad  
 5/19/2021 11:40:09 AM

Quant Time: May 18 15:10:37 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     | 6.910  | 152  | 67132    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.192  | 136  | 261166   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.951  | 164  | 143993   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.433 | 188  | 244243   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12              | 14.080 | 240  | 149596   | 20.00  | ng    | 0.01     |
| 86) Perylene-d12              | 15.568 | 264  | 111916   | 20.00  | ng    | 0.02     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.540  | 112  | 489391   | 102.35 | ng    | 0.03     |
| 7) Phenol-d6                  | 6.540  | 99   | 628090   | 101.26 | ng    | 0.02     |
| 23) Nitrobenzene-d5           | 7.475  | 82   | 443463   | 73.16  | ng    | 0.01     |
| 42) 2,4,6-Tribromophenol      | 10.739 | 330  | 186876   | 108.05 | ng    | 0.01     |
| 45) 2-Fluorobiphenyl          | 9.269  | 172  | 792318   | 67.71  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.021 | 244  | 758378   | 76.78  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.822  | 88   | 75347    | 35.88  | ng    | 95       |
| 3) Pyridine                   | 3.563  | 79   | 163588   | 30.19  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.528  | 42   | 128073   | 36.38  | ng    | # 81     |
| 6) Aniline                    | 6.569  | 93   | 214729   | 30.49  | ng    | 93       |
| 8) 2-Chlorophenol             | 6.692  | 128  | 190241   | 38.23  | ng    | 98       |
| 9) Benzaldehyde               | 6.451  | 77   | 26855    | 10.01  | ng    | 90       |
| 10) Phenol                    | 6.551  | 94   | 253634   | 40.46  | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 6.640  | 93   | 187323   | 38.45  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 6.851  | 146  | 213101   | 36.76  | ng    | 93       |
| 13) 1,4-Dichlorobenzene       | 6.928  | 146  | 216402   | 36.49  | ng    | 93       |
| 14) 1,2-Dichlorobenzene       | 7.075  | 146  | 206543   | 37.27  | ng    | 95       |
| 15) Benzyl Alcohol            | 7.045  | 79   | 196639   | 36.71  | ng    | 91       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.181  | 45   | 369996   | 37.72  | ng    | 97       |
| 17) 2-Methylphenol            | 7.157  | 107  | 155101   | 38.44  | ng    | 95       |
| 18) Hexachloroethane          | 7.422  | 117  | 82885    | 37.71  | ng    | 91       |
| 19) n-Nitroso-di-n-propyla... | 7.322  | 70   | 162504   | 38.77  | ng    | 95       |
| 20) 3+4-Methylphenols         | 7.310  | 107  | 203152   | 38.22  | ng    | 95       |
| 22) Acetophenone              | 7.322  | 105  | 277115   | 37.37  | ng    | # 97     |
| 24) Nitrobenzene              | 7.492  | 77   | 223883   | 36.12  | ng    | 99       |
| 25) Isophorone                | 7.734  | 82   | 412812   | 35.40  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.804  | 139  | 99487    | 42.67  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.839  | 122  | 174942   | 39.19  | ng    | 93       |
| 28) bis(2-Chloroethoxy)met... | 7.939  | 93   | 234703   | 40.03  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 8.045  | 162  | 165180   | 36.55  | ng    | 91       |
| 30) 1,2,4-Trichlorobenzene    | 8.134  | 180  | 178354   | 35.11  | ng    | 98       |
| 31) Naphthalene               | 8.216  | 128  | 538704   | 34.85  | ng    | 98       |
| 32) Benzoic acid              | 7.975  | 122  | 89458    | 36.51  | ng    | 95       |
| 33) 4-Chloroaniline           | 8.257  | 127  | 128640   | 21.86  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.334  | 225  | 119828   | 36.03  | ng    | 97       |
| 35) Caprolactam               | 8.633  | 113  | 49545m   | 40.27  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.739  | 107  | 182832   | 37.00  | ng    | 92       |
| 37) 2-Methylnaphthalene       | 8.904  | 142  | 380089   | 36.28  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 9.004  | 142  | 353287   | 36.14  | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 9.075  | 216  | 188488   | 36.29  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.063  | 237  | 233286   | 70.62  | ng    | 92       |
| 43) 2,4,6-Trichlorophenol     | 9.181  | 196  | 118494   | 35.16  | ng    | 97       |

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Instrument :  
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Manual Integrations  
 APPROVED

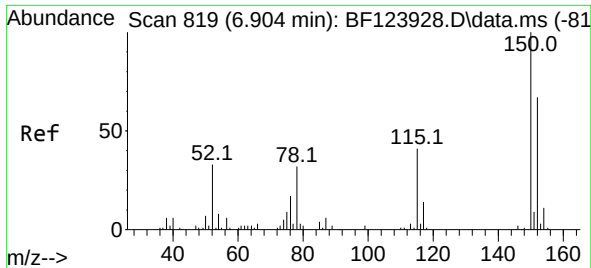
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF051421.M  
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 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.222  | 196  | 125546   | 35.86 | ng    | 95       |
| 46) 1,1'-Biphenyl             | 9.369  | 154  | 464632   | 36.63 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.398  | 162  | 350204   | 34.77 | ng    | 96       |
| 48) 2-Nitroaniline            | 9.486  | 65   | 135014   | 39.69 | ng    | 97       |
| 49) Acenaphthylene            | 9.816  | 152  | 558132   | 37.50 | ng    | 97       |
| 50) Dimethylphthalate         | 9.675  | 163  | 427411   | 37.17 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.733  | 165  | 93670    | 40.28 | ng    | # 84     |
| 52) Acenaphthene              | 9.986  | 154  | 407048   | 39.95 | ng    | 97       |
| 53) 3-Nitroaniline            | 9.898  | 138  | 67529    | 29.22 | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 10.010 | 184  | 99007    | 79.28 | ng    | # 84     |
| 55) Dibenzofuran              | 10.157 | 168  | 508351   | 34.74 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.063 | 139  | 146351   | 76.57 | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 10.139 | 165  | 123026   | 43.14 | ng    | 89       |
| 58) Fluorene                  | 10.498 | 166  | 390132   | 35.38 | ng    | 93       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.269 | 232  | 108613   | 37.73 | ng    | 94       |
| 60) Diethylphthalate          | 10.369 | 149  | 427040   | 37.50 | ng    | 96       |
| 61) 4-Chlorophenyl-phenyle... | 10.486 | 204  | 202031   | 36.56 | ng    | 96       |
| 62) 4-Nitroaniline            | 10.516 | 138  | 87740    | 38.17 | ng    | 91       |
| 63) Azobenzene                | 10.651 | 77   | 439731   | 34.72 | ng    | 93       |
| 65) 4,6-Dinitro-2-methylph... | 10.545 | 198  | 62280    | 40.53 | ng    | # 74     |
| 66) n-Nitrosodiphenylamine    | 10.610 | 169  | 347971   | 37.29 | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 10.980 | 248  | 119587   | 37.26 | ng    | 96       |
| 68) Hexachlorobenzene         | 11.045 | 284  | 134710   | 37.59 | ng    | 92       |
| 69) Atrazine                  | 11.133 | 200  | 116445   | 44.18 | ng    | 97       |
| 70) Pentachlorophenol         | 11.239 | 266  | 150637   | 70.91 | ng    | 98       |
| 71) Phenanthrene              | 11.463 | 178  | 557449   | 36.01 | ng    | 99       |
| 72) Anthracene                | 11.516 | 178  | 571243   | 36.42 | ng    | 98       |
| 73) Carbazole                 | 11.663 | 167  | 467468   | 34.07 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.992 | 149  | 637142   | 37.10 | ng    | 98       |
| 75) Fluoranthene              | 12.651 | 202  | 537271   | 33.52 | ng    | 98       |
| 77) Benzidine                 | 12.763 | 184  | 131171   | 36.34 | ng    | # 95     |
| 78) Pyrene                    | 12.880 | 202  | 521949   | 39.30 | ng    | 98       |
| 80) Butylbenzylphthalate      | 13.492 | 149  | 217478   | 41.76 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.068 | 228  | 396696   | 36.67 | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine    | 14.027 | 252  | 108972   | 32.42 | ng    | 98       |
| 83) Chrysene                  | 14.104 | 228  | 365736   | 35.15 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.057 | 149  | 290863   | 39.58 | ng    | 97       |
| 85) Di-n-octyl phthalate      | 14.668 | 149  | 415524   | 37.40 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.080 | 276  | 341661   | 39.53 | ng    | # 94     |
| 88) Benzo(b)fluoranthene      | 15.133 | 252  | 336668   | 38.89 | ng    | 97       |
| 89) Benzo(k)fluoranthene      | 15.162 | 252  | 309972   | 39.29 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.510 | 252  | 281826   | 37.66 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene    | 17.104 | 278  | 294503   | 40.46 | ng    | 94       |
| 92) Benzo(g,h,i)perylene      | 17.545 | 276  | 278539   | 38.16 | ng    | 92       |

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





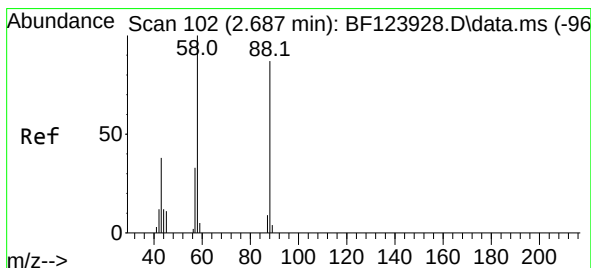
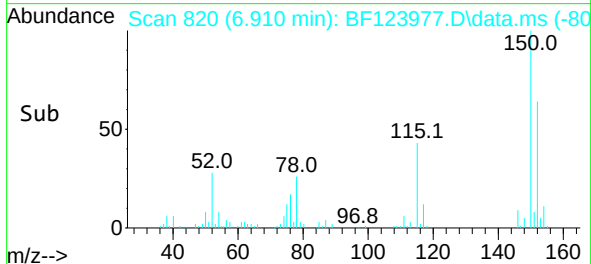
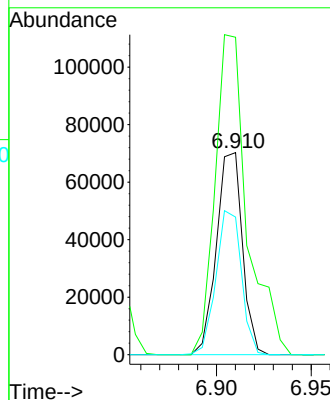
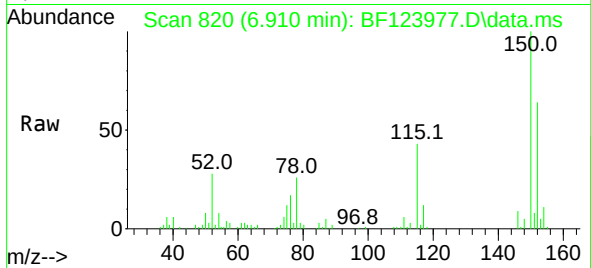
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 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.910 min Scan# 820  
 Delta R.T. 0.006 min  
 Lab File: BF123977.D  
 Acq: 18 May 2021 14:12

Tgt Ion:152 Resp: 67132  
 Ion Ratio Lower Upper  
 152 100  
 150 157.2 127.0 190.6  
 115 68.1 54.3 81.5

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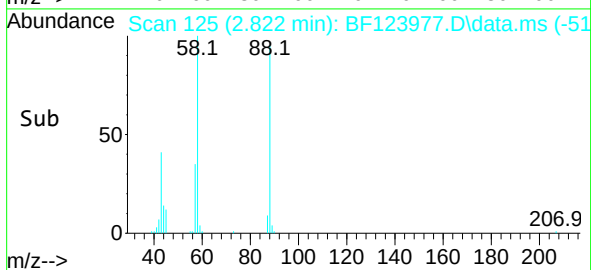
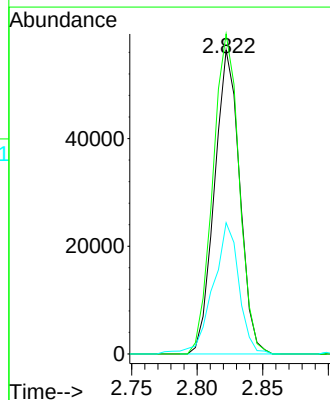
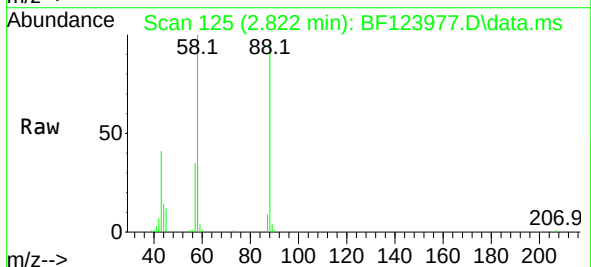
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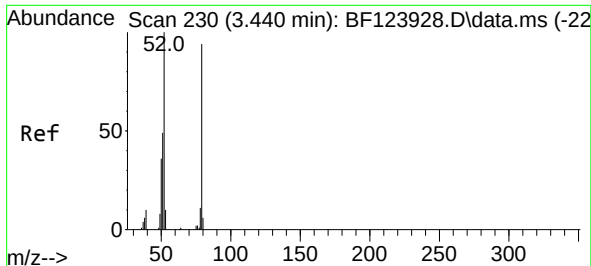
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#2  
 1,4-Dioxane  
 Concen: 35.88 ng  
 RT: 2.822 min Scan# 125  
 Delta R.T. 0.135 min  
 Lab File: BF123977.D  
 Acq: 18 May 2021 14:12

Tgt Ion: 88 Resp: 75347  
 Ion Ratio Lower Upper  
 88 100  
 58 109.9 83.8 125.8  
 43 44.3 32.2 48.4





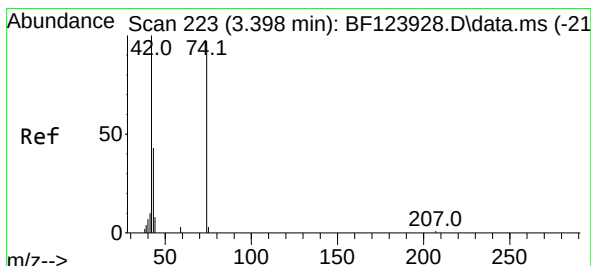
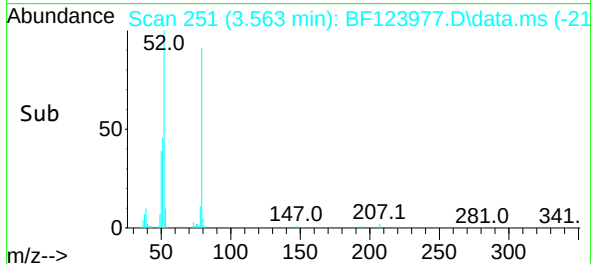
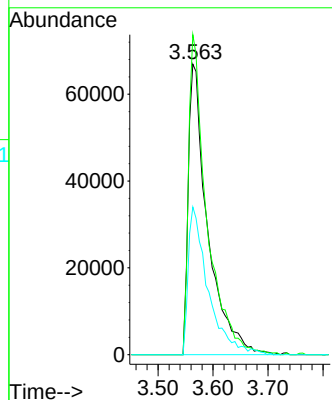
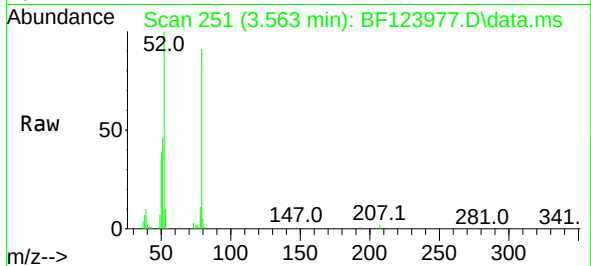
#3  
Pyridine  
Concen: 30.19 ng  
RT: 3.563 min Scan# 251  
Delta R.T. 0.124 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

Tgt Ion: 79 Resp: 163588  
Ion Ratio Lower Upper  
79 100  
52 110.1 87.4 131.0  
51 50.8 41.4 62.0

Instrument :  
BNA\_F  
ClientSampleId :  
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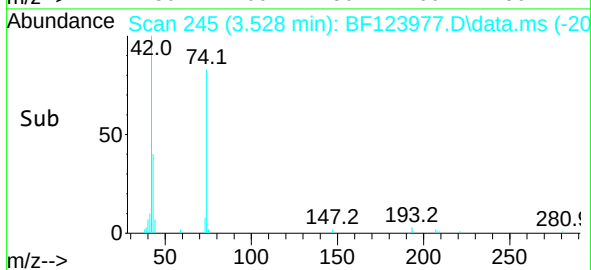
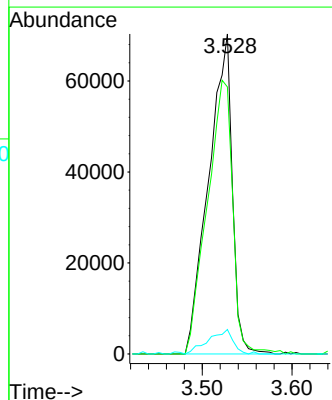
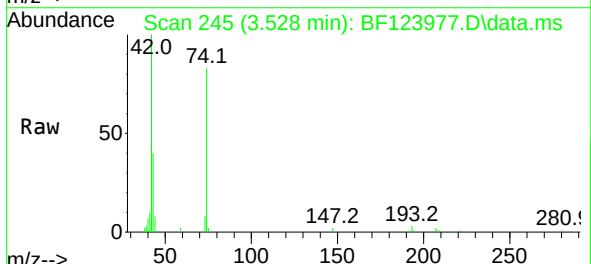
Manual Integrations  
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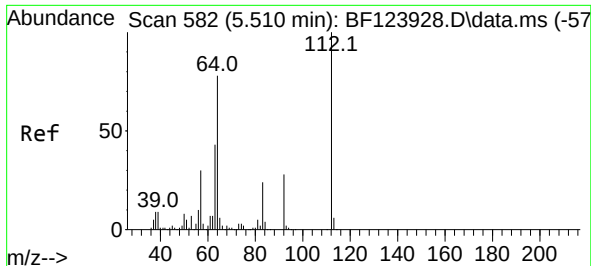
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#4  
n-Nitrosodimethylamine  
Concen: 36.38 ng  
RT: 3.528 min Scan# 245  
Delta R.T. 0.129 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

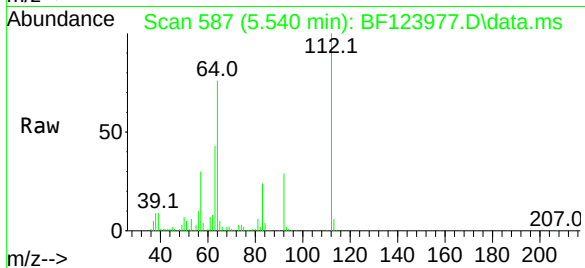
Tgt Ion: 42 Resp: 128073  
Ion Ratio Lower Upper  
42 100  
74 83.4 83.5 125.3#  
44 7.7 5.7 8.5





#5  
2-Fluorophenol  
Concen: 102.35 ng  
RT: 5.540 min Scan# 587  
Delta R.T. 0.029 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

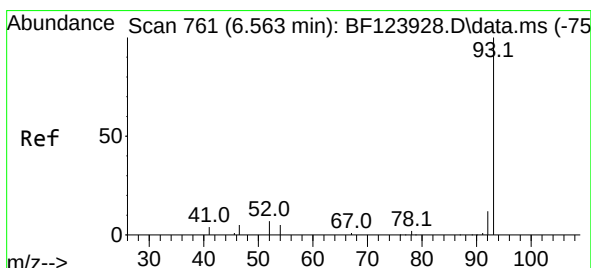
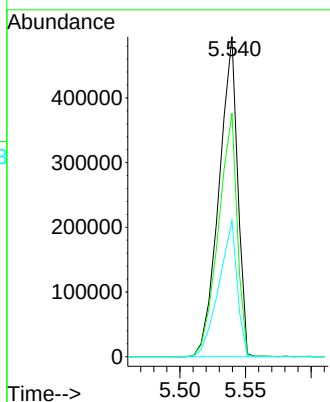
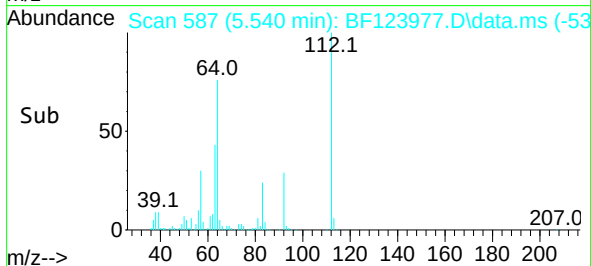
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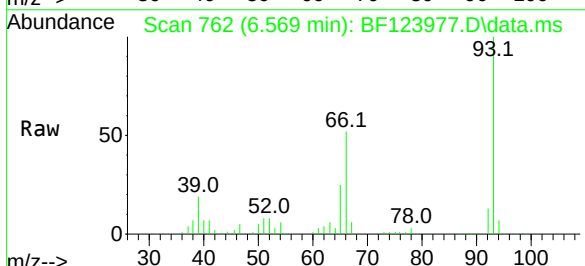
Tgt Ion:112 Resp: 489391  
Ion Ratio Lower Upper  
112 100  
64 76.0 61.4 92.0  
63 42.6 33.0 49.4

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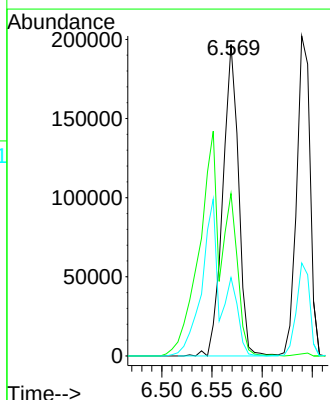
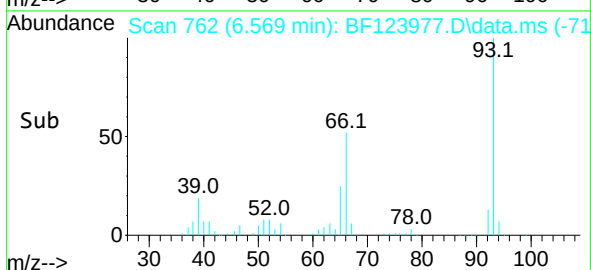
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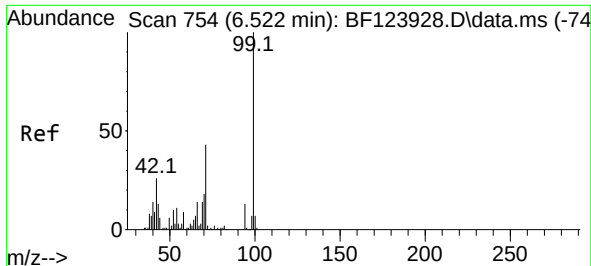


#6  
Aniline  
Concen: 30.49 ng  
RT: 6.569 min Scan# 762  
Delta R.T. 0.006 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12



Tgt Ion: 93 Resp: 214729  
Ion Ratio Lower Upper  
93 100  
66 52.1 36.4 54.6  
65 25.2 19.4 29.0





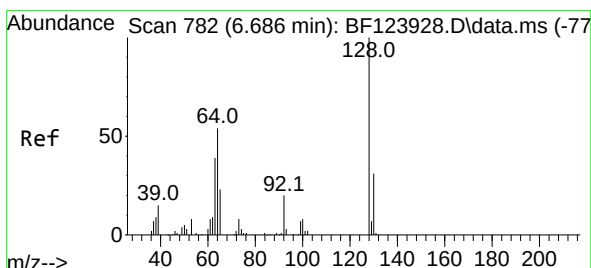
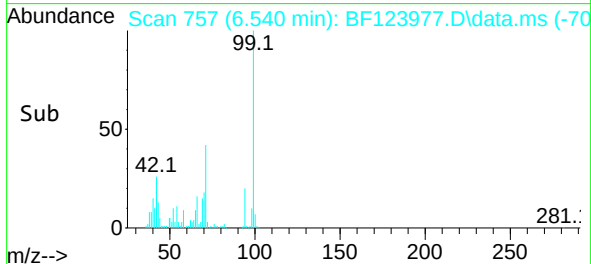
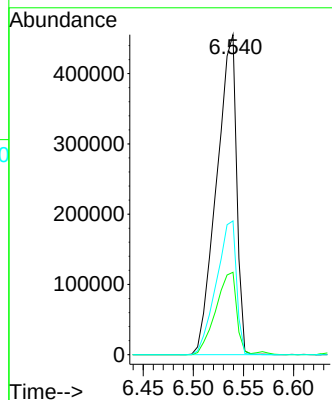
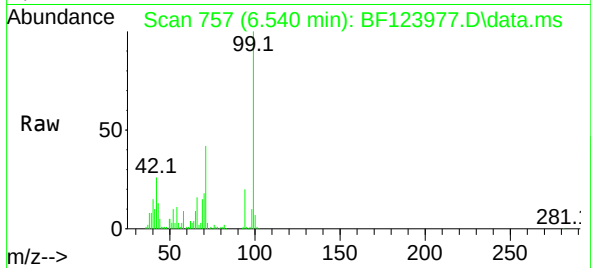
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Phenol-d6  
Concen: 101.26 ng  
RT: 6.540 min Scan# 757  
Delta R.T. 0.018 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

Tgt Ion: 99 Resp: 628090  
Ion Ratio Lower Upper  
99 100  
42 25.7 19.8 29.8  
71 41.8 31.1 46.7

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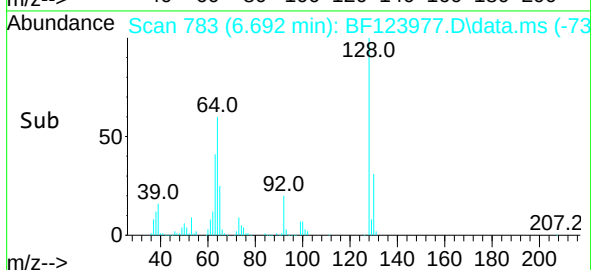
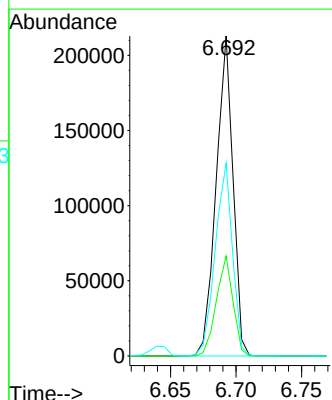
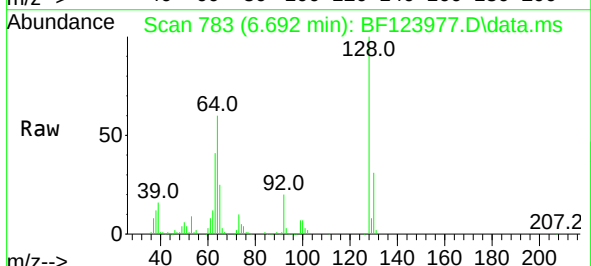
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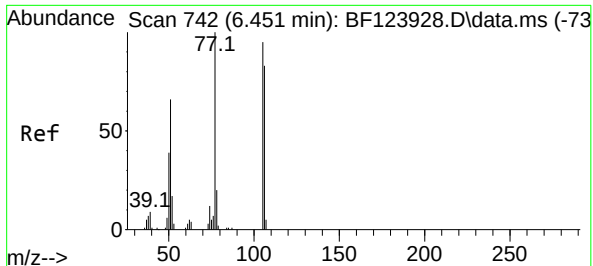
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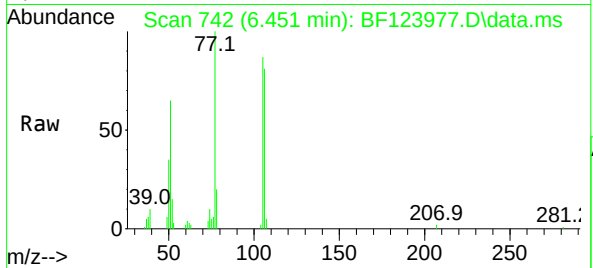
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2-Chlorophenol  
Concen: 38.23 ng  
RT: 6.692 min Scan# 783  
Delta R.T. 0.006 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

Tgt Ion: 128 Resp: 190241  
Ion Ratio Lower Upper  
128 100  
130 31.2 12.6 52.6  
64 60.3 41.5 81.5

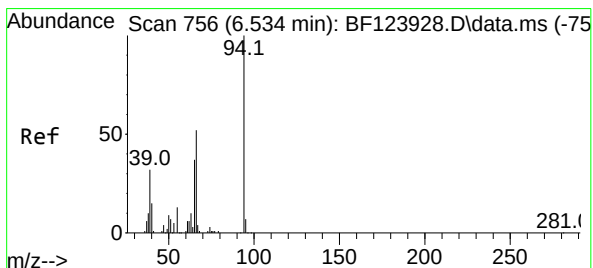
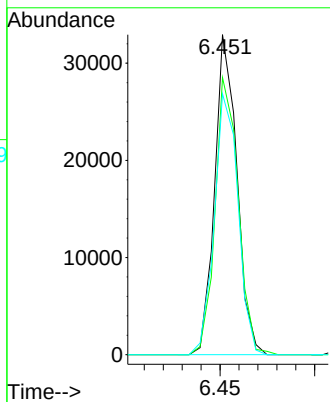
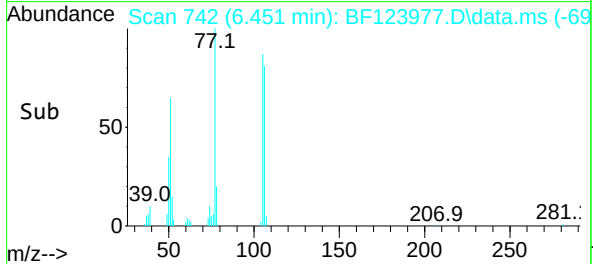




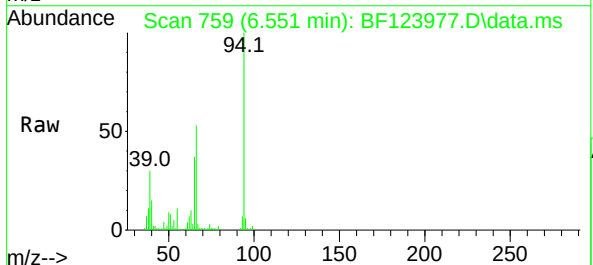
#9  
Benzaldehyde  
Concen: 10.01 ng  
RT: 6.451 min Scan# 742  
Delta R.T. 0.000 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12



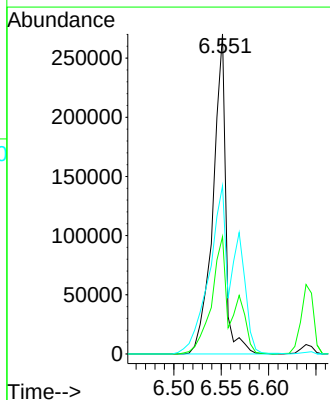
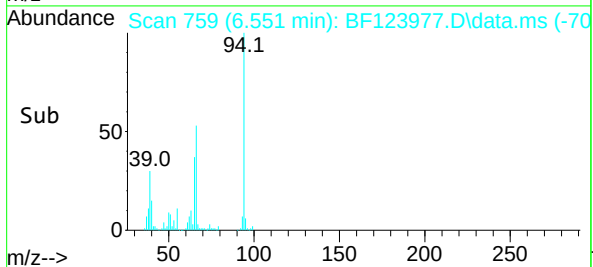
Tgt Ion: 77 Resp: 26855  
Ion Ratio Lower Upper  
77 100  
105 86.6 75.2 115.2  
106 81.5 71.6 111.6



#10  
Phenol  
Concen: 40.46 ng  
RT: 6.551 min Scan# 759  
Delta R.T. 0.018 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12



Tgt Ion: 94 Resp: 253634  
Ion Ratio Lower Upper  
94 100  
65 36.7 18.1 58.1  
66 52.5 29.0 69.0

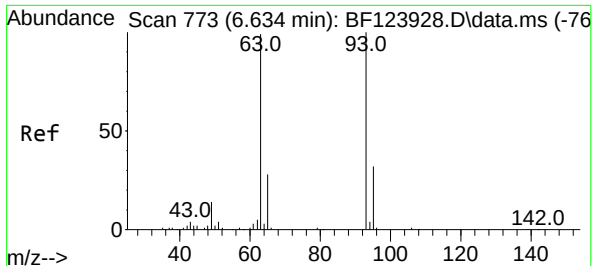


Instrument :  
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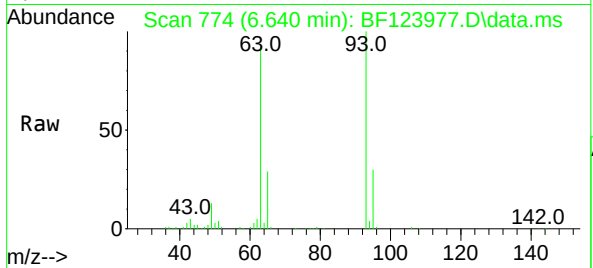
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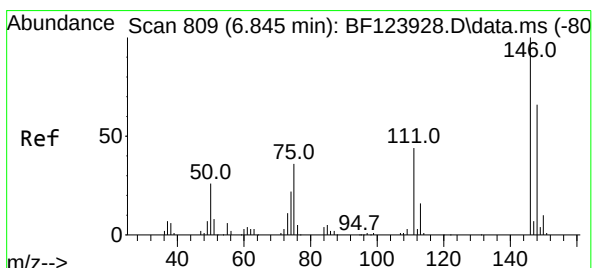
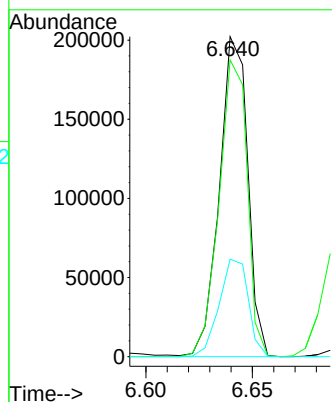
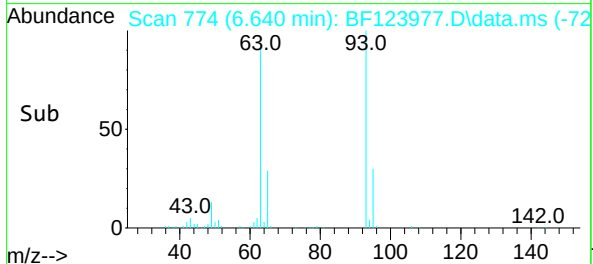




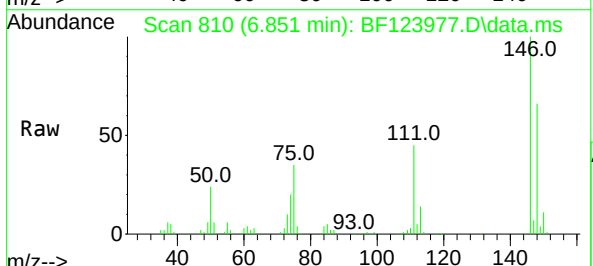
#11  
bis(2-Chloroethyl)ether  
Concen: 38.45 ng  
RT: 6.640 min Scan# 774  
Delta R.T. 0.006 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12



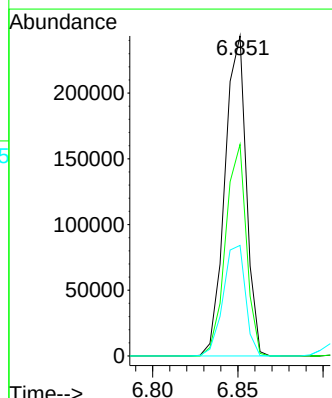
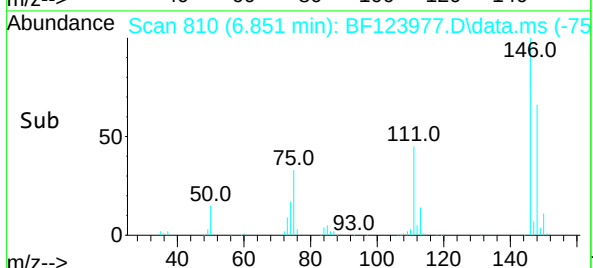
Tgt Ion: 93 Resp: 187323  
Ion Ratio Lower Upper  
93 100  
63 92.8 76.1 116.1  
95 30.5 11.5 51.5



#12  
1,3-Dichlorobenzene  
Concen: 36.76 ng  
RT: 6.851 min Scan# 810  
Delta R.T. 0.006 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12



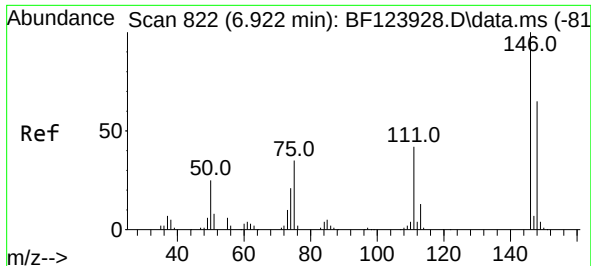
Tgt Ion: 146 Resp: 213101  
Ion Ratio Lower Upper  
146 100  
148 66.1 50.9 76.3  
75 34.6 34.2 51.4



Instrument :  
BNA\_F  
ClientSampleId :  
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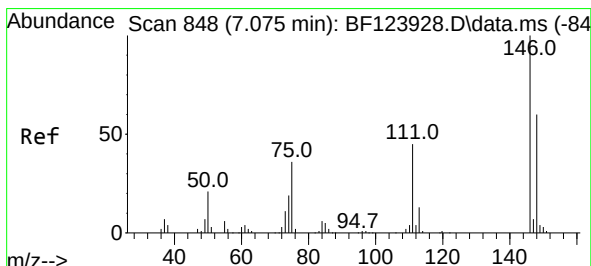
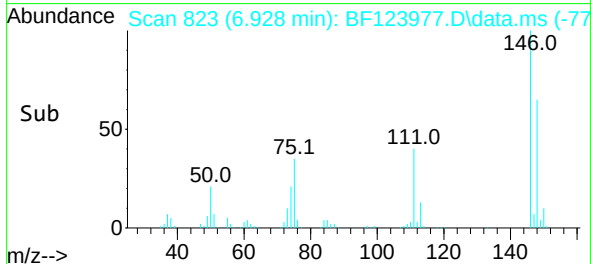
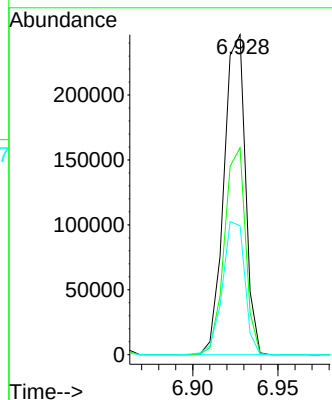
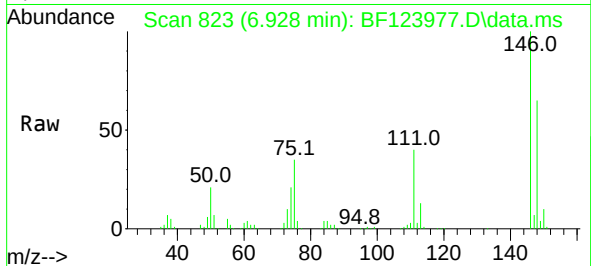
#13  
1,4-Dichlorobenzene  
Concen: 36.49 ng  
RT: 6.928 min Scan# 823  
Delta R.T. 0.006 min  
Lab File: BF123977.D  
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Tgt Ion:146 Resp: 216402  
Ion Ratio Lower Upper  
146 100  
148 64.7 49.9 74.9  
111 40.3 39.5 59.3

Instrument :  
BNA\_F  
ClientSampleId :  
PB136493BS

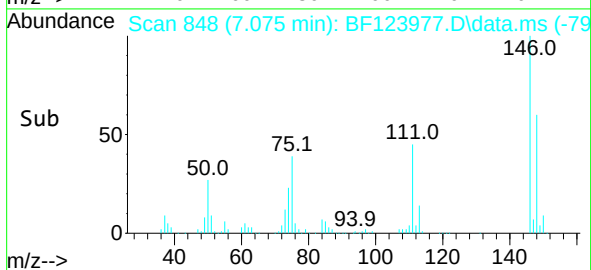
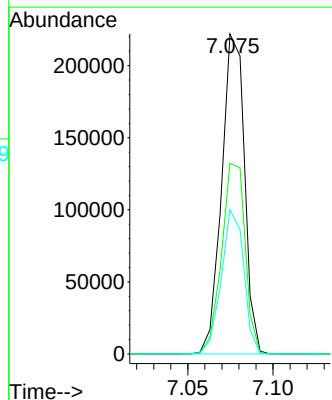
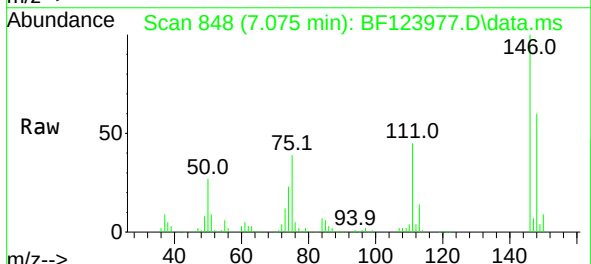
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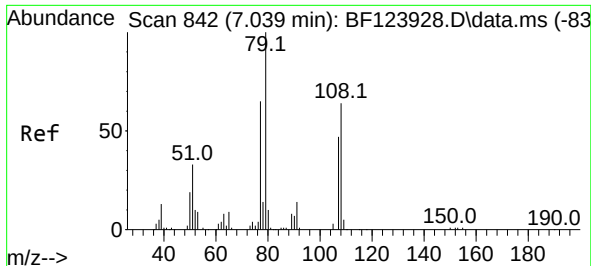
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#14  
1,2-Dichlorobenzene  
Concen: 37.27 ng  
RT: 7.075 min Scan# 848  
Delta R.T. 0.000 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

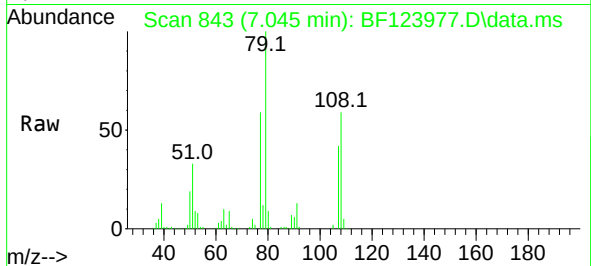
Tgt Ion:146 Resp: 206543  
Ion Ratio Lower Upper  
146 100  
148 59.6 51.6 77.4  
111 45.1 38.4 57.6





#15  
Benzyl Alcohol  
Concen: 36.71 ng  
RT: 7.045 min Scan# 843  
Delta R.T. 0.006 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

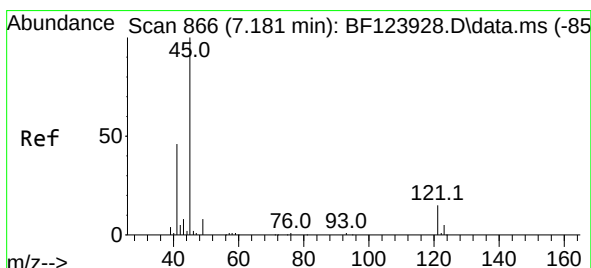
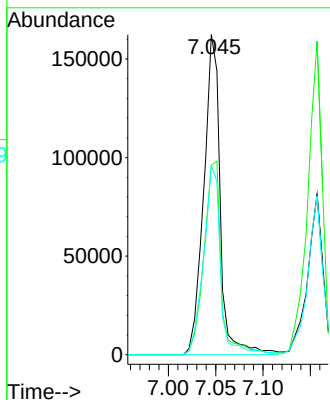
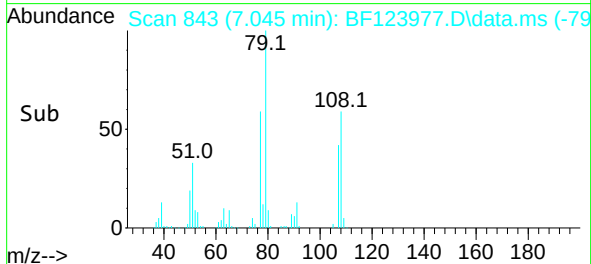
Instrument :  
BNA\_F  
ClientSampleId :  
PB136493BS



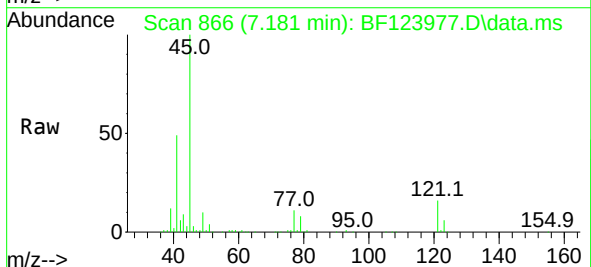
Tgt Ion: 79 Resp: 196639  
Ion Ratio Lower Upper  
79 100  
108 59.1 55.8 83.8  
77 59.0 49.9 74.9

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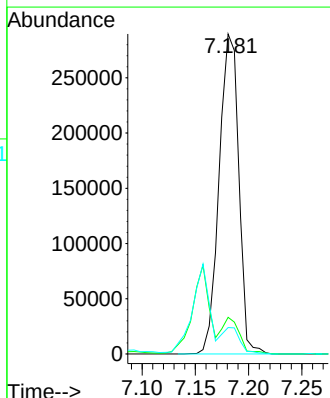
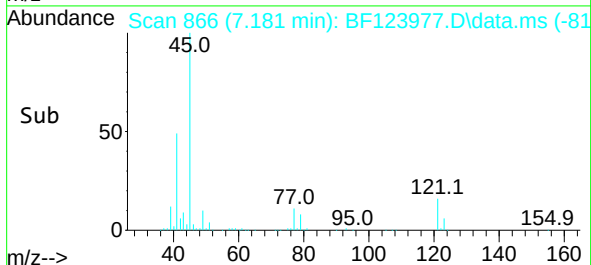
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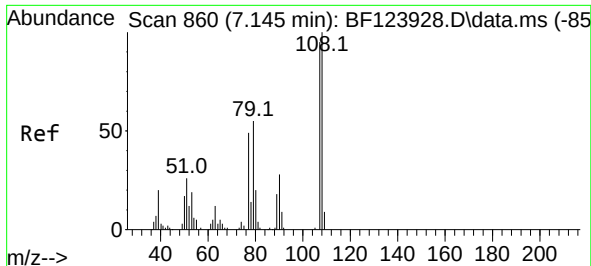


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.72 ng  
RT: 7.181 min Scan# 866  
Delta R.T. 0.000 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

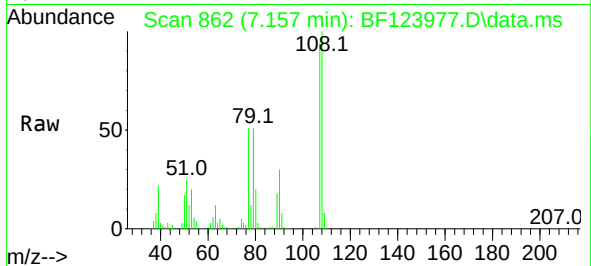


Tgt Ion: 45 Resp: 369996  
Ion Ratio Lower Upper  
45 100  
77 11.4 0.0 30.0  
79 8.3 0.0 27.3

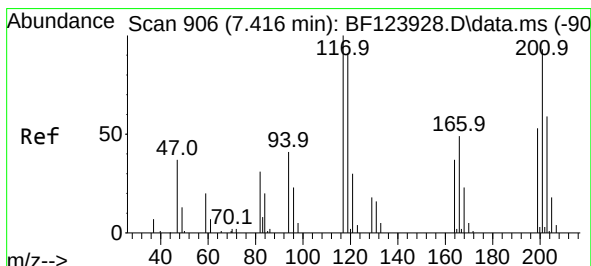
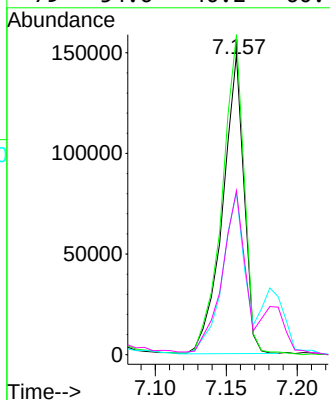
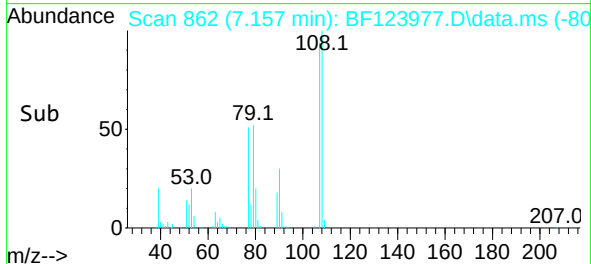




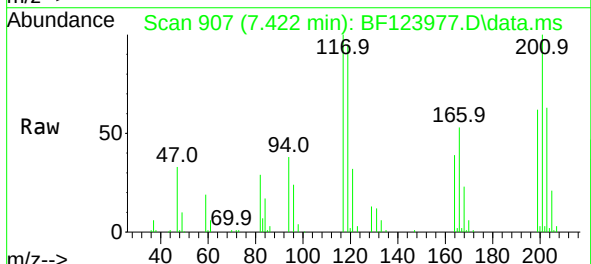
#17  
2-Methylphenol  
Concen: 38.44 ng  
RT: 7.157 min Scan# 862  
Delta R.T. 0.012 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12



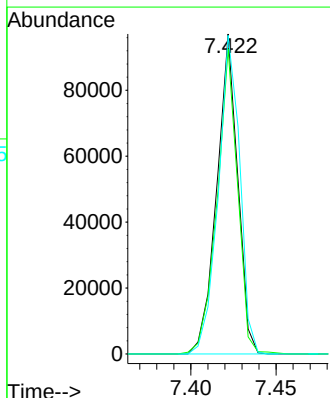
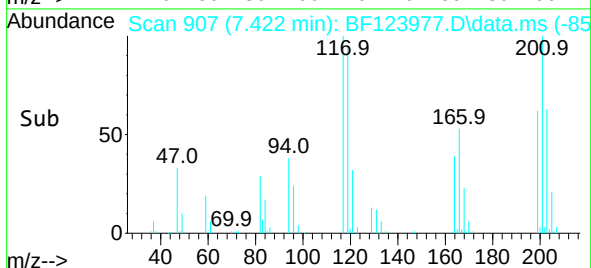
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 106.6 | 89.8  | 134.8 |
| 77      | 53.8  | 40.9  | 61.3  |
| 79      | 54.6  | 40.2  | 60.4  |



#18  
Hexachloroethane  
Concen: 37.71 ng  
RT: 7.422 min Scan# 907  
Delta R.T. 0.006 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12



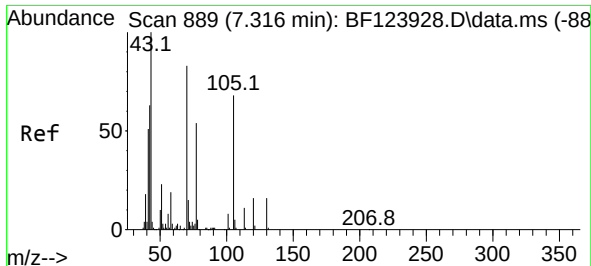
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.4  | 77.8  | 116.8 |
| 201     | 99.5  | 67.8  | 101.8 |



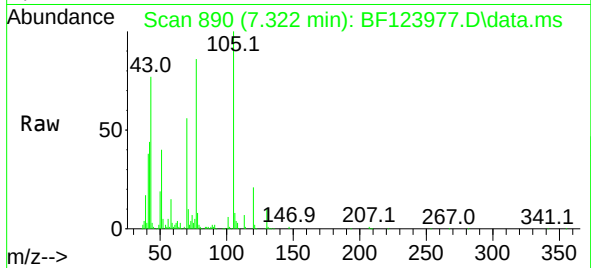
Instrument :  
BNA\_F  
ClientSampleId :  
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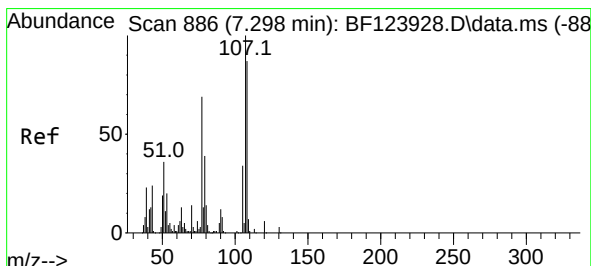
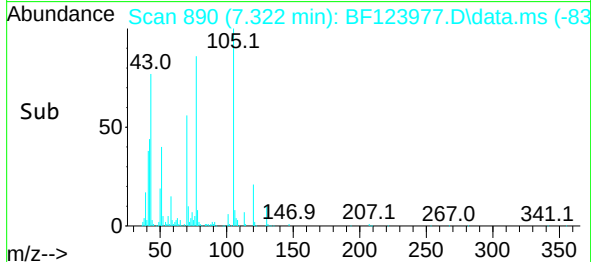
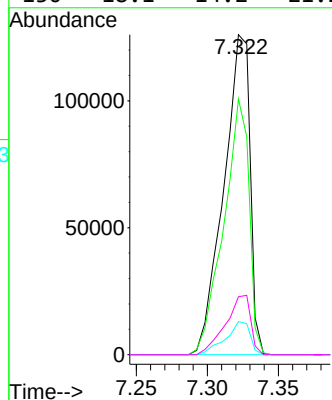
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#19  
n-Nitroso-di-n-propylamine  
Concen: 38.77 ng  
RT: 7.322 min Scan# 890  
Delta R.T. 0.006 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

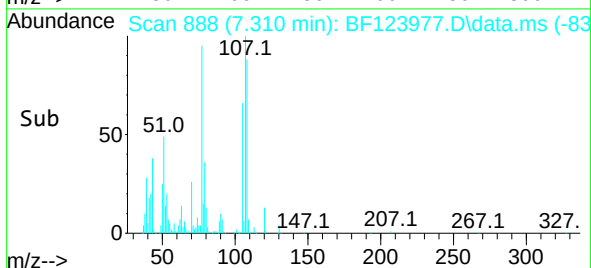
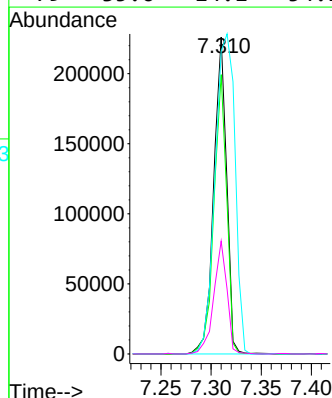
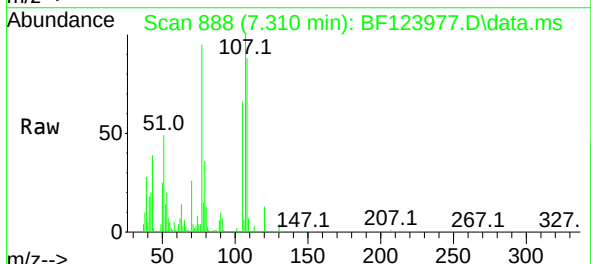


Tgt Ion: 70 Resp: 162504  
Ion Ratio Lower Upper  
70 100  
42 79.9 60.1 90.1  
101 10.3 7.4 11.2  
130 18.1 14.2 21.2



#20  
3+4-Methylphenols  
Concen: 38.22 ng  
RT: 7.310 min Scan# 888  
Delta R.T. 0.012 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

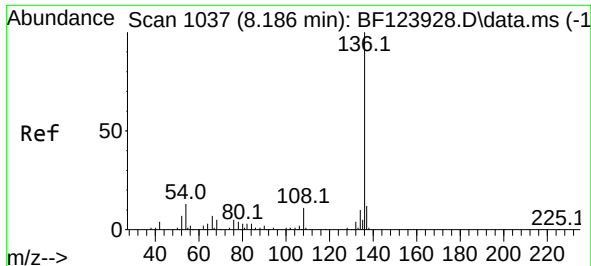
Tgt Ion: 107 Resp: 203152  
Ion Ratio Lower Upper  
107 100  
108 88.2 71.5 111.5  
77 95.5 82.0 122.0  
79 35.6 14.1 54.1



Instrument :  
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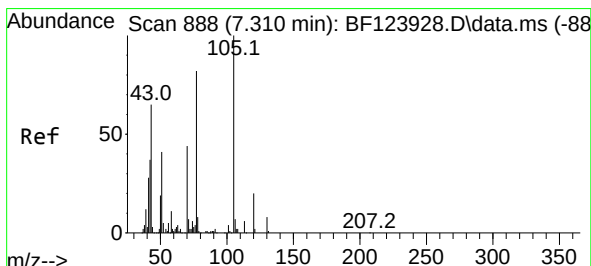
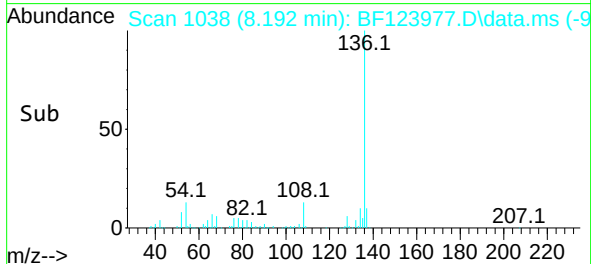
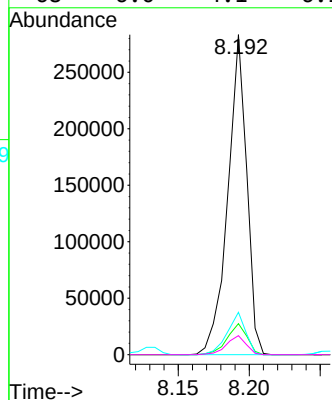
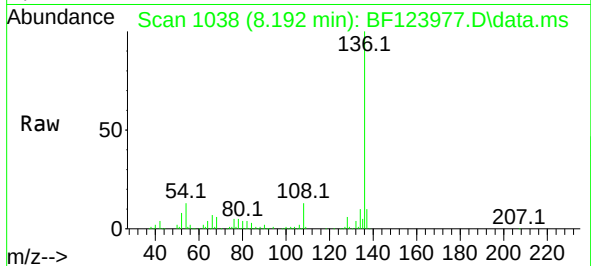
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.192 min Scan# 1038  
Delta R.T. 0.006 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 261166 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 9.7   | 8.7   | 13.1   |
| 54        | 13.2  | 9.8   | 14.6   |
| 68        | 6.0   | 4.1   | 6.1    |

Instrument :  
BNA\_F  
ClientSampleId :  
PB136493BS

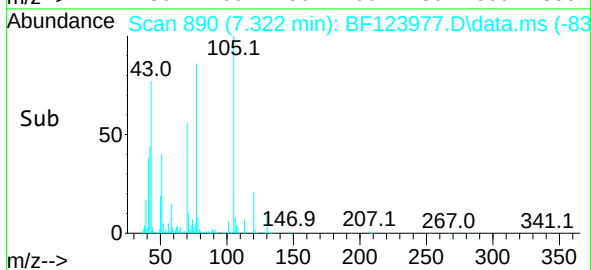
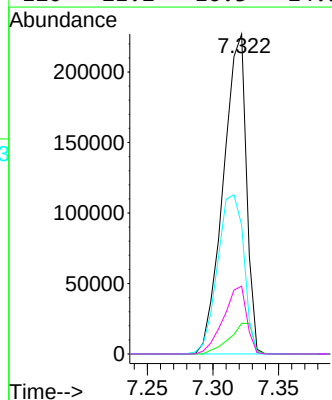
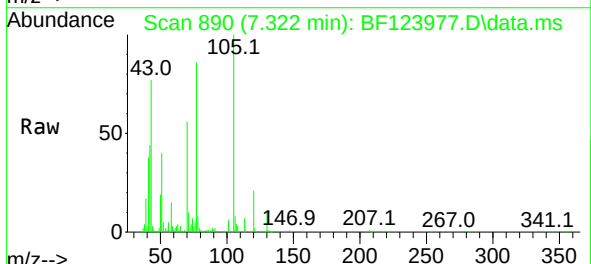
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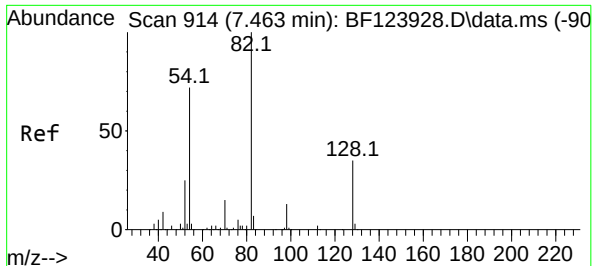
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#22  
Acetophenone  
Concen: 37.37 ng  
RT: 7.322 min Scan# 890  
Delta R.T. 0.012 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 277115 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 9.6   | 4.2   | 6.4#   |
| 51        | 40.2  | 33.6  | 50.4   |
| 120       | 21.2  | 16.3  | 24.5   |





#23

Nitrobenzene-d5

Concen: 73.16 ng

RT: 7.475 min Scan# 916

Delta R.T. 0.012 min

Lab File: BF123977.D

Acq: 18 May 2021 14:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 443463 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 38.6  | 29.4  | 44.2   |
| 54       | 68.5  | 54.1  | 81.1   |

Instrument :

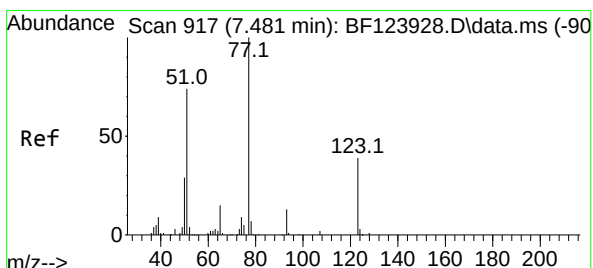
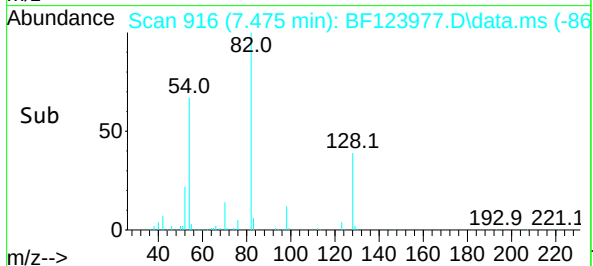
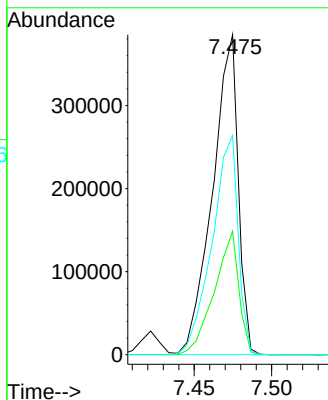
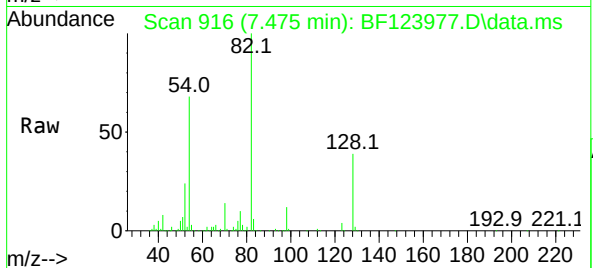
BNA\_F

ClientSampleId :

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#24

Nitrobenzene

Concen: 36.12 ng

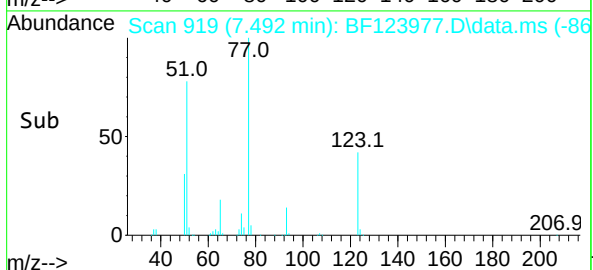
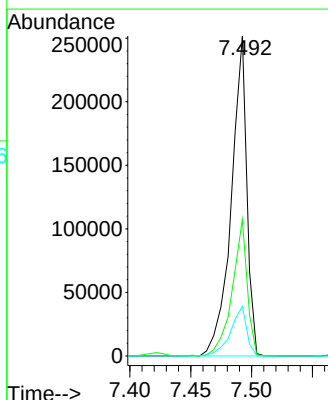
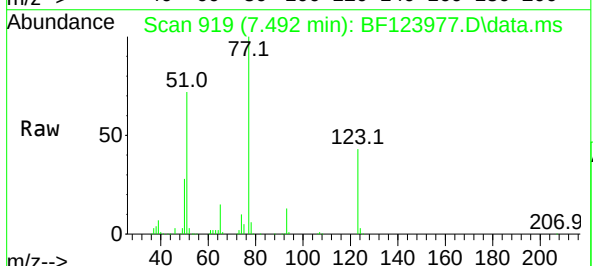
RT: 7.492 min Scan# 919

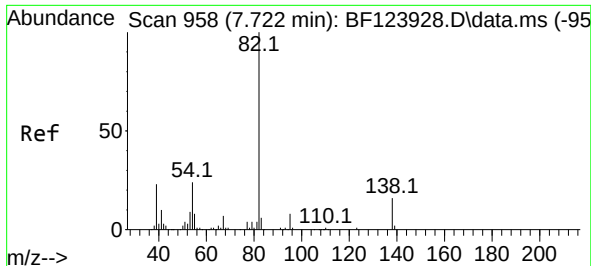
Delta R.T. 0.012 min

Lab File: BF123977.D

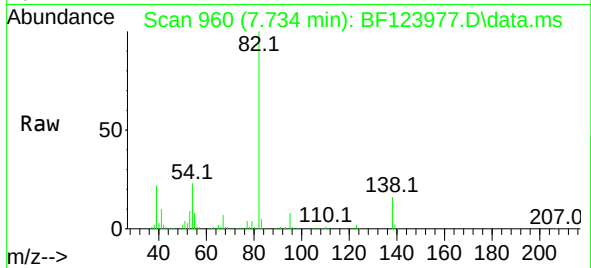
Acq: 18 May 2021 14:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 223883 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 123      | 42.7  | 34.5  | 51.7   |
| 65       | 15.5  | 12.2  | 18.2   |

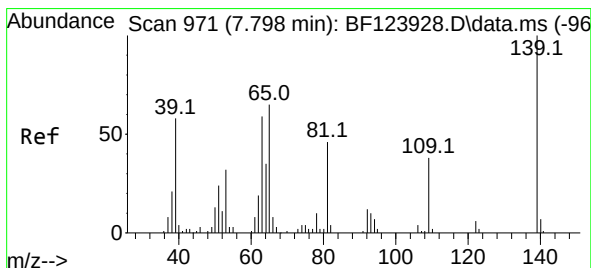
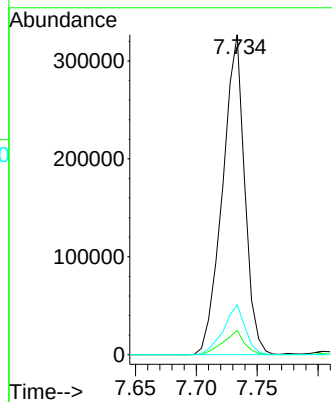
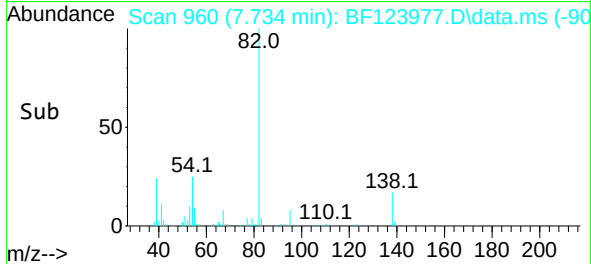




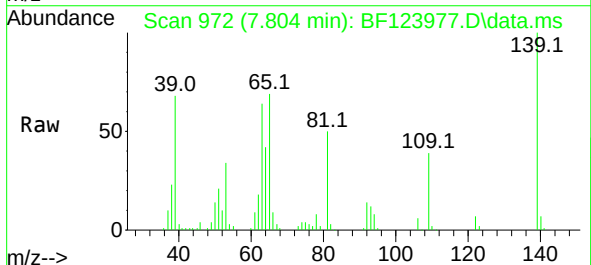
#25  
Isophorone  
Concen: 35.40 ng  
RT: 7.734 min Scan# 960  
Delta R.T. 0.012 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12



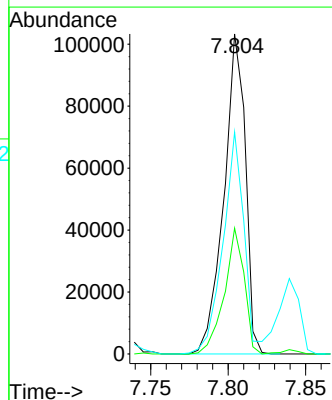
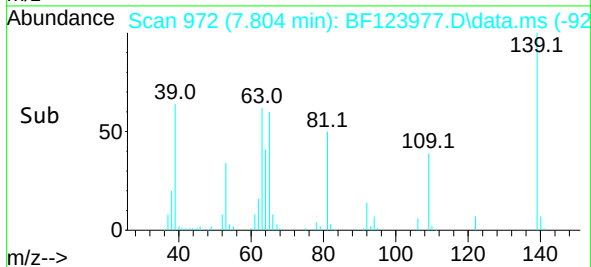
Tgt Ion: 82 Resp: 412812  
Ion Ratio Lower Upper  
82 100  
95 7.6 5.8 8.6  
138 15.6 11.8 17.8



#26  
2-Nitrophenol  
Concen: 42.67 ng  
RT: 7.804 min Scan# 972  
Delta R.T. 0.006 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12



Tgt Ion: 139 Resp: 99487  
Ion Ratio Lower Upper  
139 100  
109 39.3 28.6 43.0  
65 69.4 56.8 85.2

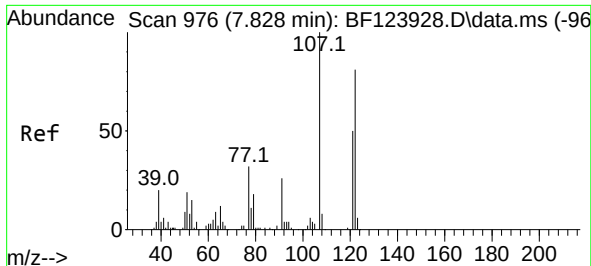


Instrument :  
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ClientSampleId :  
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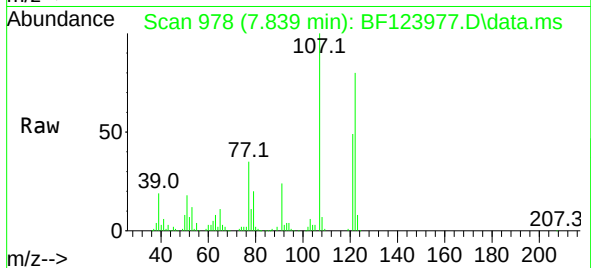
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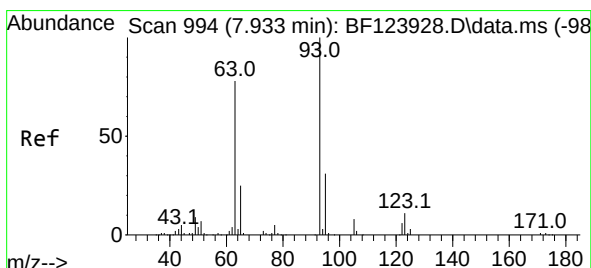
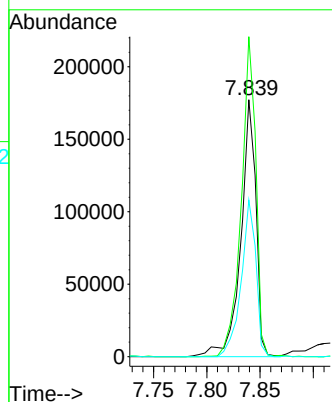
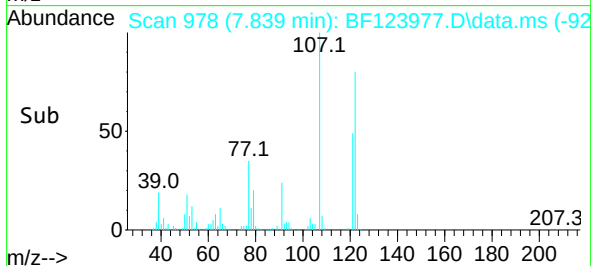




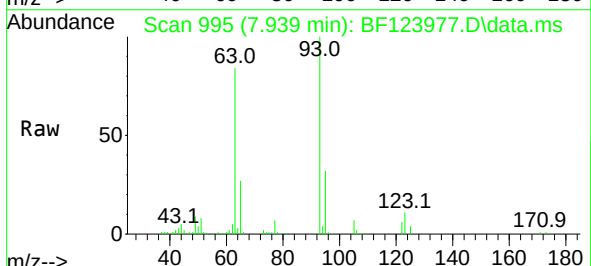
#27  
2,4-Dimethylphenol  
Concen: 39.19 ng  
RT: 7.839 min Scan# 978  
Delta R.T. 0.012 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12



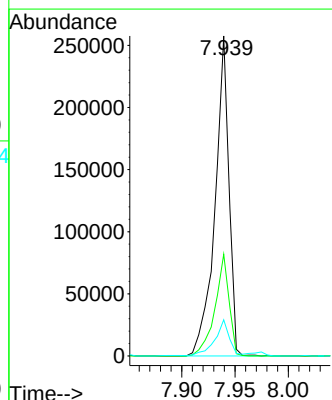
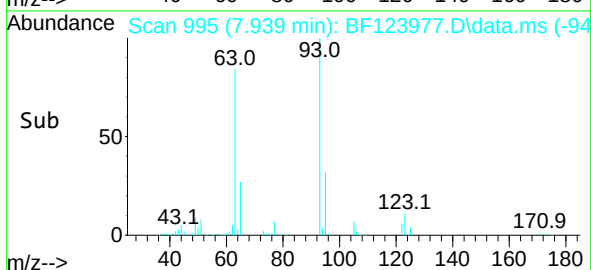
Tgt Ion:122 Resp: 174942  
Ion Ratio Lower Upper  
122 100  
107 124.5 106.3 159.5  
121 61.0 45.4 68.0



#28  
bis(2-Chloroethoxy)methane  
Concen: 40.03 ng  
RT: 7.939 min Scan# 995  
Delta R.T. 0.006 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12



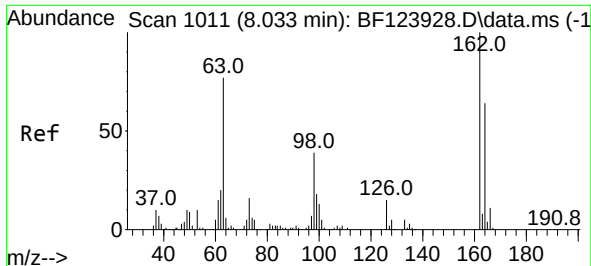
Tgt Ion: 93 Resp: 234703  
Ion Ratio Lower Upper  
93 100  
95 31.8 26.5 39.7  
123 11.3 8.4 12.6



Instrument :  
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ClientSampleId :  
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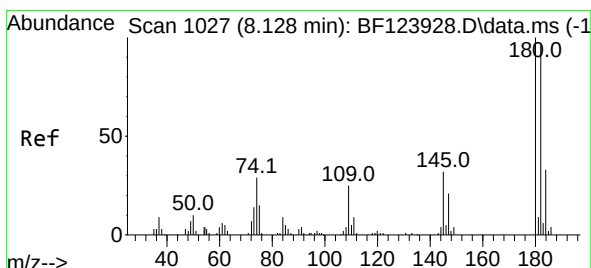
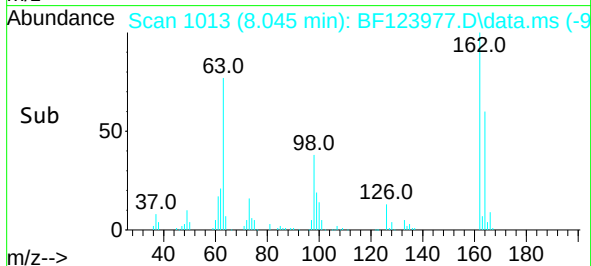
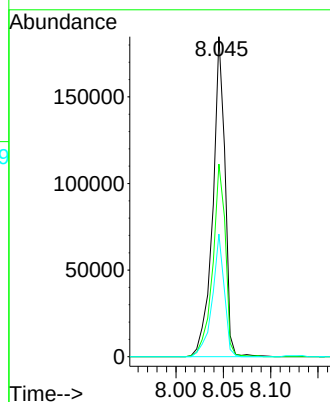
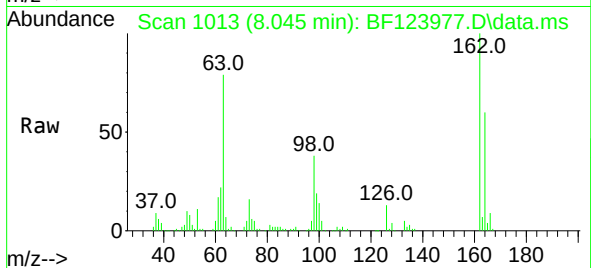
#29  
2,4-Dichlorophenol  
Concen: 36.55 ng  
RT: 8.045 min Scan# 1013  
Delta R.T. 0.012 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

Tgt Ion:162 Resp: 165180  
Ion Ratio Lower Upper  
162 100  
164 60.2 44.1 84.1  
98 38.3 27.3 67.3

Instrument :  
BNA\_F  
ClientSampled :  
PB136493BS

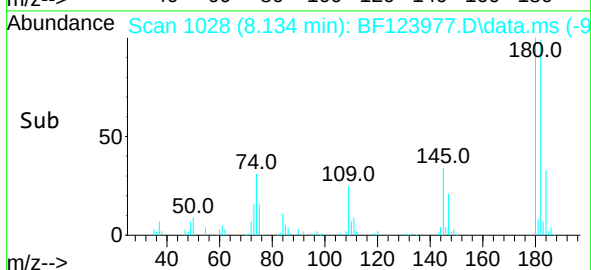
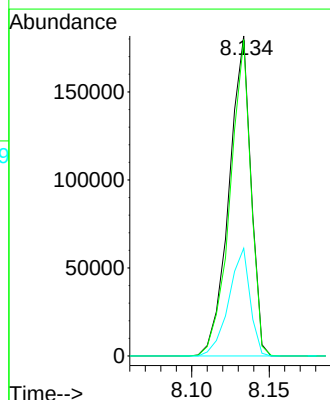
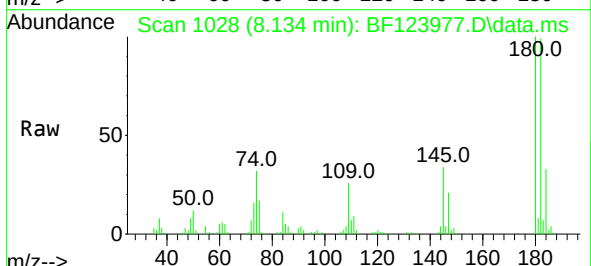
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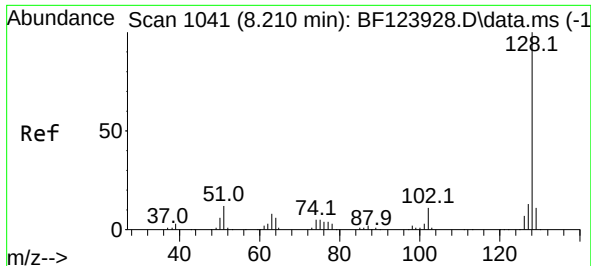
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#30  
1,2,4-Trichlorobenzene  
Concen: 35.11 ng  
RT: 8.134 min Scan# 1028  
Delta R.T. 0.006 min  
Lab File: BF123977.D  
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Tgt Ion:180 Resp: 178354  
Ion Ratio Lower Upper  
180 100  
182 98.9 77.2 115.8  
145 33.7 26.0 39.0





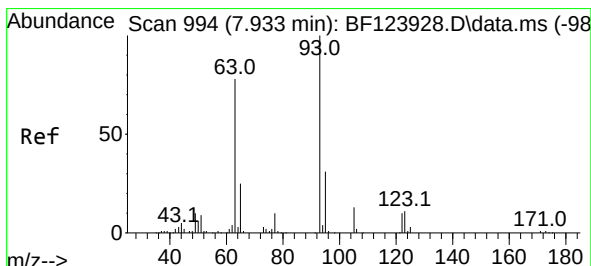
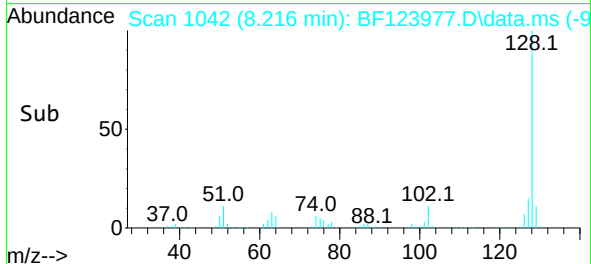
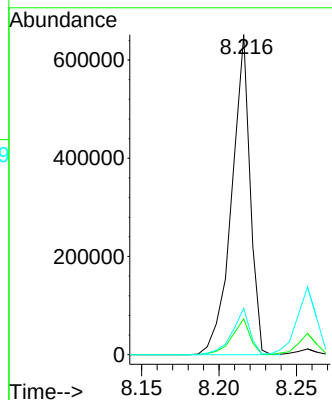
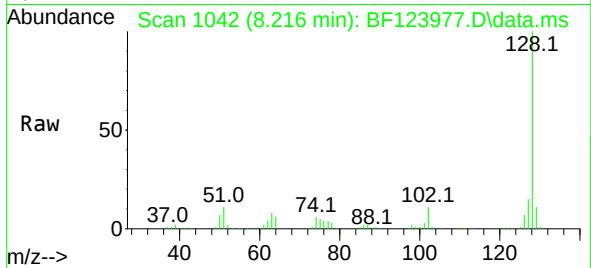
#31  
Naphthalene  
Concen: 34.85 ng  
RT: 8.216 min Scan# 1042  
Delta R.T. 0.006 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

Tgt Ion:128 Resp: 538704  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.9 13.3  
127 14.5 10.8 16.2

Instrument :  
BNA\_F  
ClientSampleId :  
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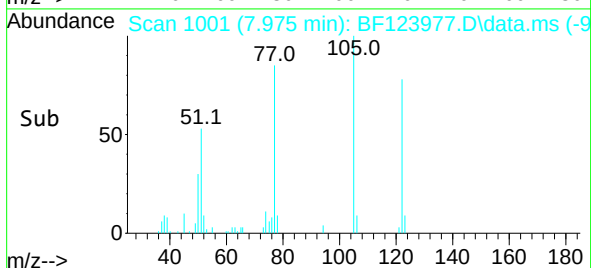
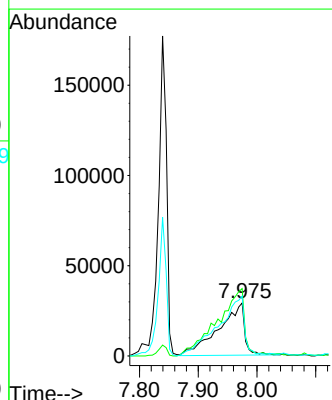
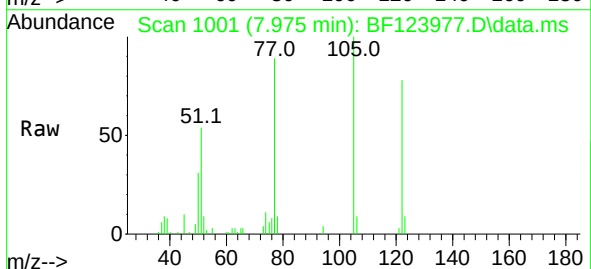
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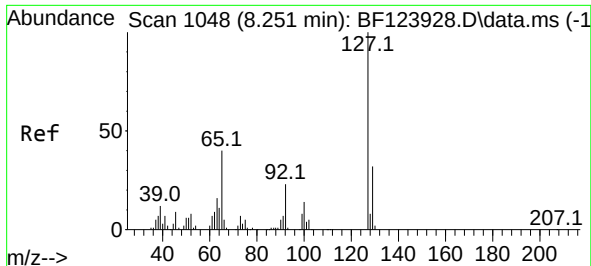
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#32  
Benzoic acid  
Concen: 36.51 ng  
RT: 7.975 min Scan# 1001  
Delta R.T. 0.041 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

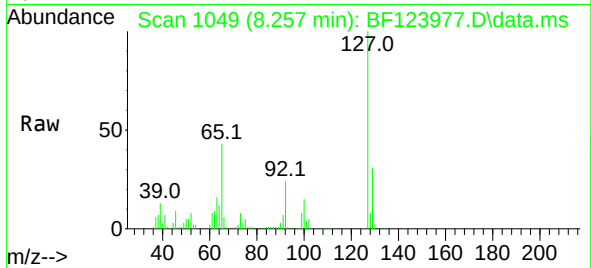
Tgt Ion:122 Resp: 89458  
Ion Ratio Lower Upper  
122 100  
105 127.4 107.8 147.8  
77 113.1 81.6 121.6





#33  
4-Chloroaniline  
Concen: 21.86 ng  
RT: 8.257 min Scan# 1049  
Delta R.T. 0.006 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

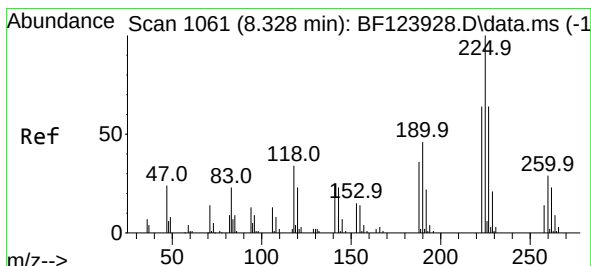
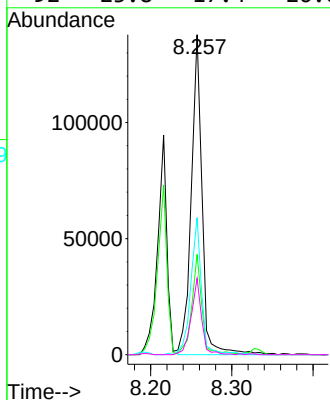
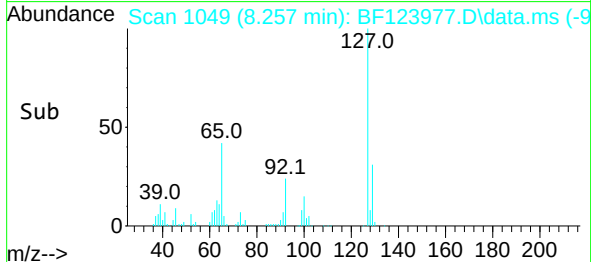
Instrument :  
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ClientSampleId :  
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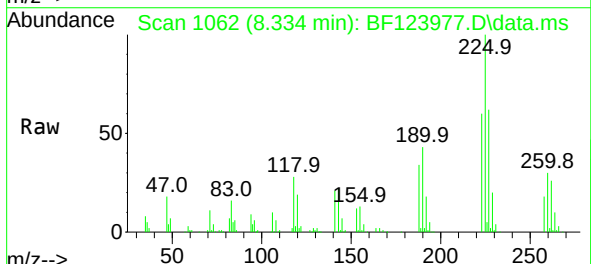
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 31.3  | 25.7  | 38.5  |
| 65      | 42.9  | 34.5  | 51.7  |
| 92      | 23.8  | 17.4  | 26.0  |

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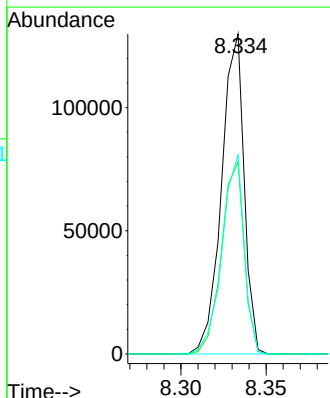
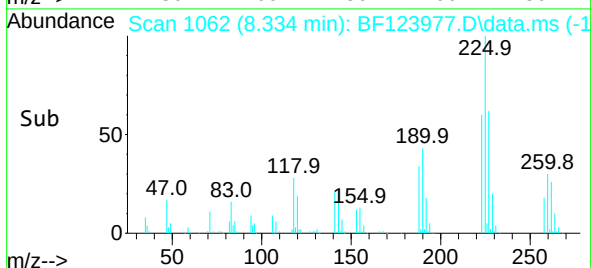
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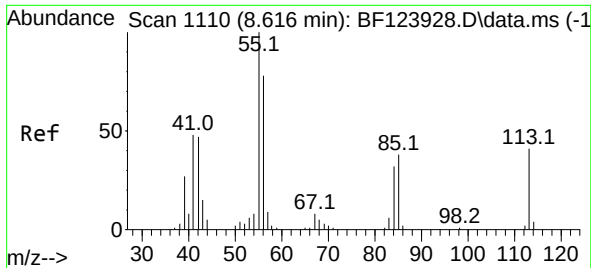


#34  
Hexachlorobutadiene  
Concen: 36.03 ng  
RT: 8.334 min Scan# 1062  
Delta R.T. 0.006 min  
Lab File: BF123977.D  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 60.0  | 50.4  | 75.6  |
| 227     | 62.1  | 51.4  | 77.0  |





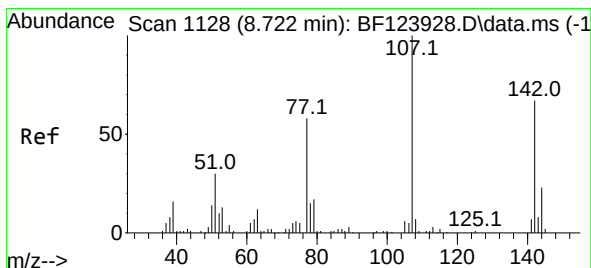
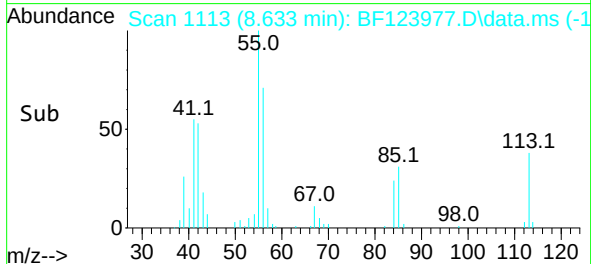
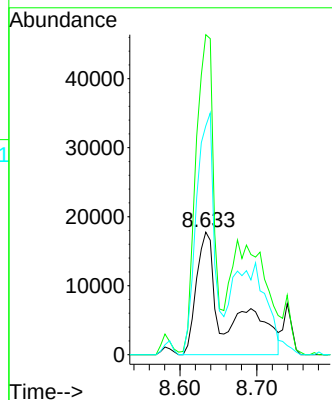
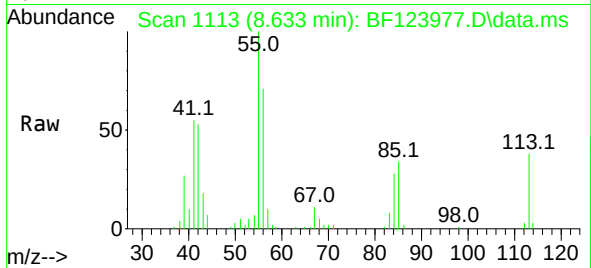
#35  
Caprolactam  
Concen: 40.27 ng m  
RT: 8.633 min Scan# 1113  
Delta R.T. 0.018 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

Tgt Ion:113 Resp: 49545  
Ion Ratio Lower Upper  
113 100  
55 261.2 254.9 294.9  
56 186.7 179.4 219.4

Instrument :  
BNA\_F  
ClientSampled :  
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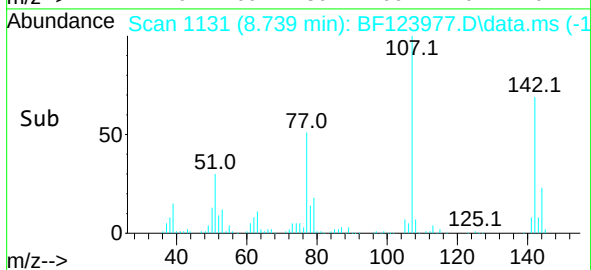
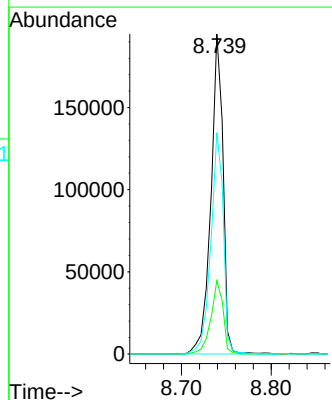
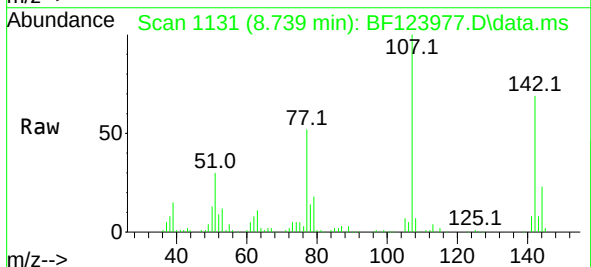
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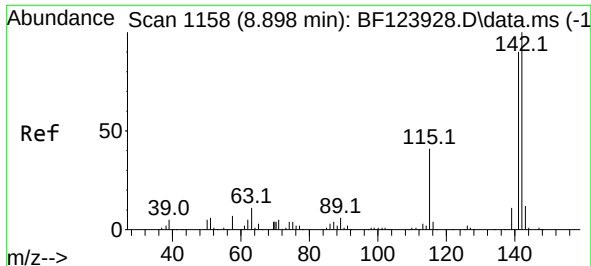
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#36  
4-Chloro-3-methylphenol  
Concen: 37.00 ng  
RT: 8.739 min Scan# 1131  
Delta R.T. 0.018 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

Tgt Ion:107 Resp: 182832  
Ion Ratio Lower Upper  
107 100  
144 22.9 16.3 24.5  
142 69.2 50.1 75.1





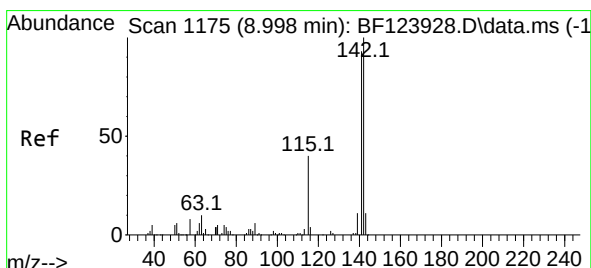
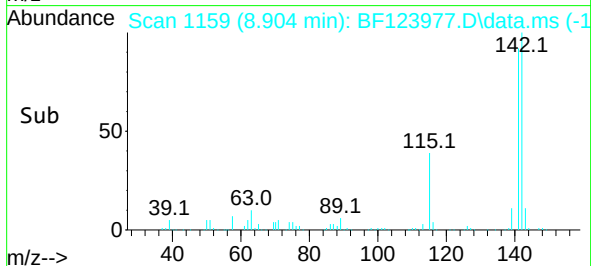
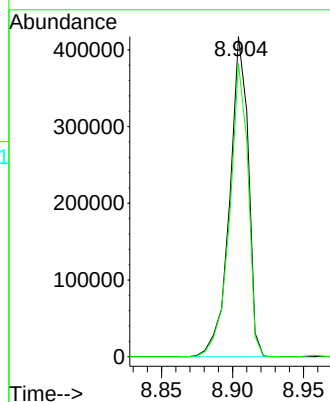
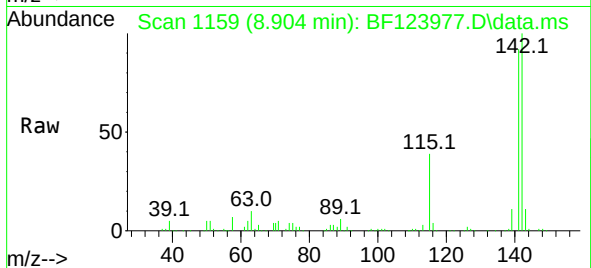
#37  
2-Methylnaphthalene  
Concen: 36.28 ng  
RT: 8.904 min Scan# 1159  
Delta R.T. 0.006 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

Instrument :  
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ClientSampleId :  
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Tgt Ion:142 Resp: 380089  
Ion Ratio Lower Upper  
142 100  
141 91.6 71.8 107.6

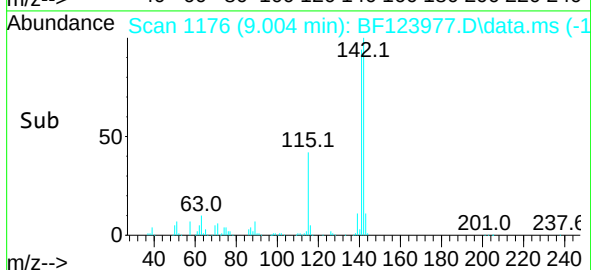
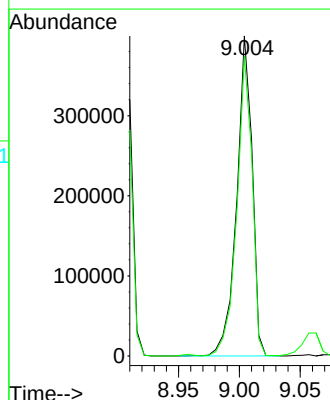
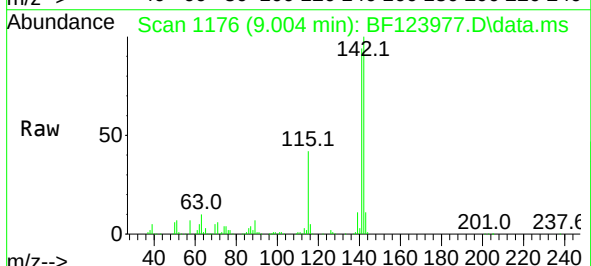
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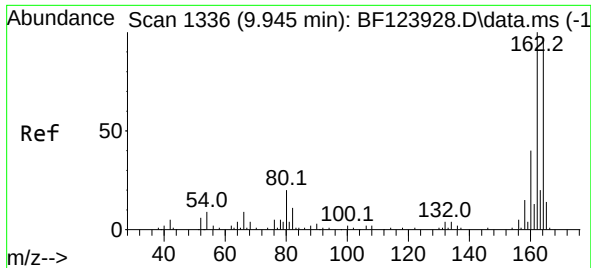
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#38  
1-Methylnaphthalene  
Concen: 36.14 ng  
RT: 9.004 min Scan# 1176  
Delta R.T. 0.006 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

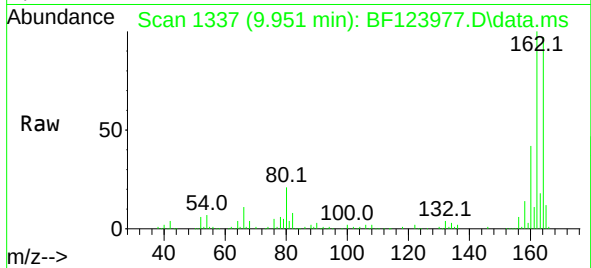
Tgt Ion:142 Resp: 353287  
Ion Ratio Lower Upper  
142 100  
141 93.6 72.8 109.2





#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.951 min Scan# 1337  
Delta R.T. 0.006 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

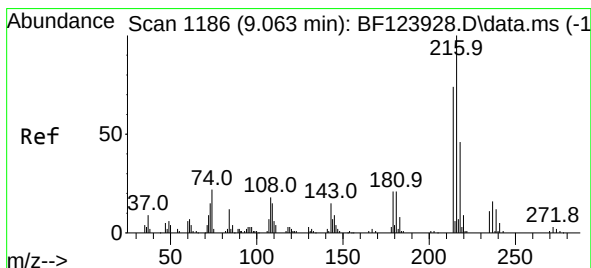
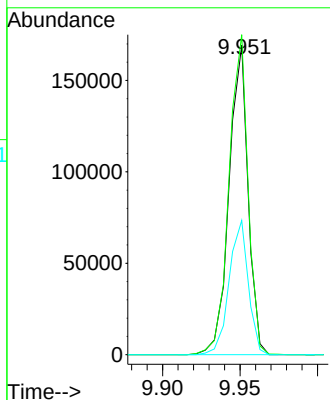
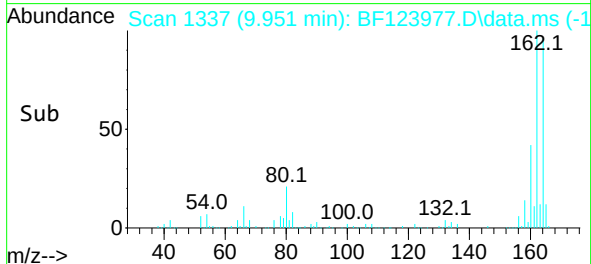
Instrument :  
BNA\_F  
ClientSampleId :  
PB136493BS



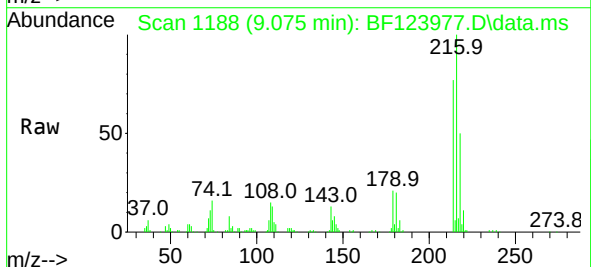
Tgt Ion:164 Resp: 143993  
Ion Ratio Lower Upper  
164 100  
162 103.4 80.7 121.1  
160 43.4 37.3 55.9

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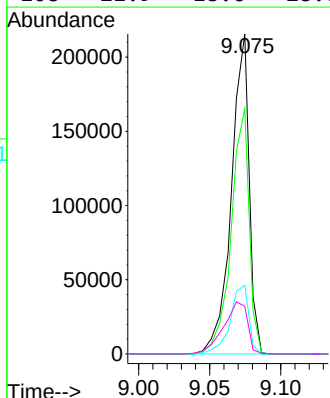
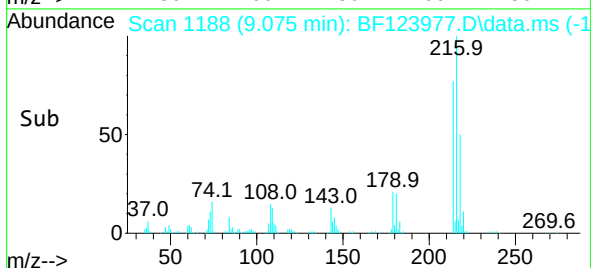
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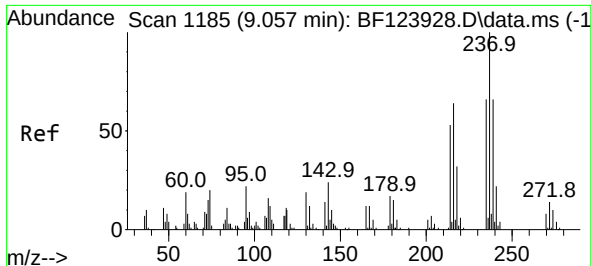


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 36.29 ng  
RT: 9.075 min Scan# 1188  
Delta R.T. 0.012 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

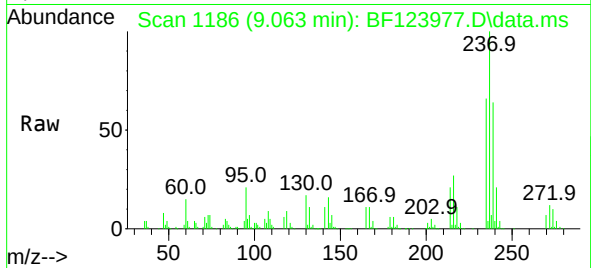


Tgt Ion:216 Resp: 188488  
Ion Ratio Lower Upper  
216 100  
214 77.3 63.8 95.8  
179 22.4 17.9 26.9  
108 21.9 18.6 28.0

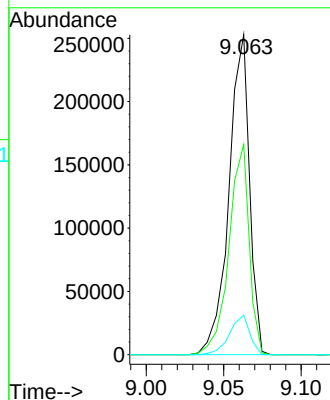
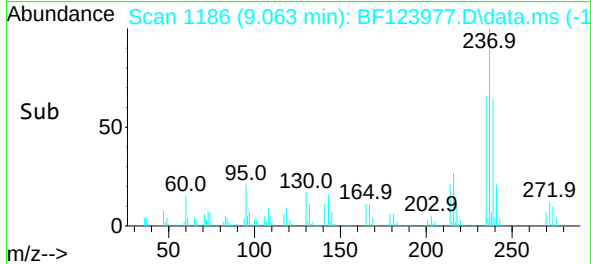




#41  
Hexachlorocyclopentadiene  
Concen: 70.62 ng  
RT: 9.063 min Scan# 1186  
Delta R.T. 0.006 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12



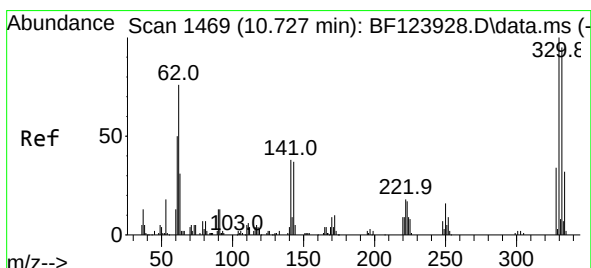
Tgt Ion: 237 Resp: 233286  
Ion Ratio Lower Upper  
237 100  
235 65.7 38.8 78.8  
272 12.3 0.0 32.4



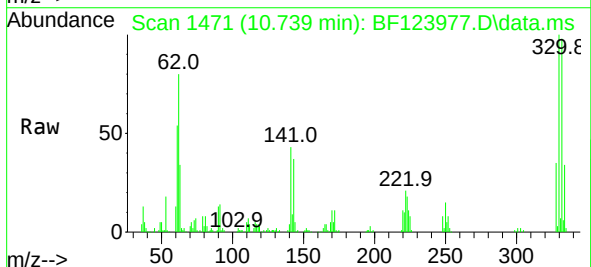
Instrument :  
BNA\_F  
ClientSampleId :  
PB136493BS

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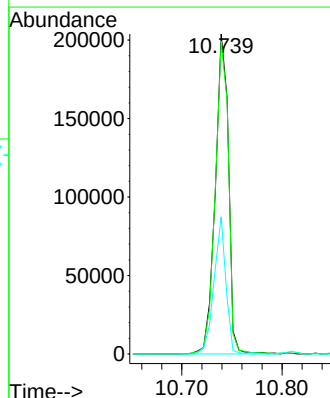
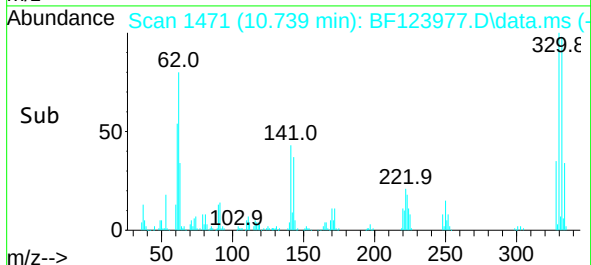
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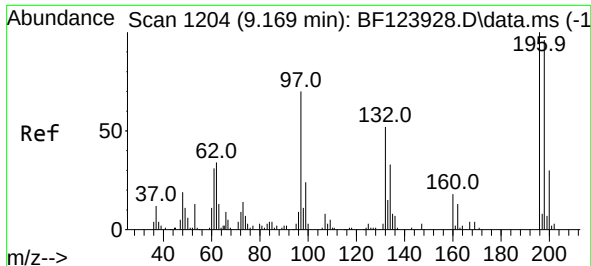
#42  
2,4,6-Tribromophenol  
Concen: 108.05 ng  
RT: 10.739 min Scan# 1471  
Delta R.T. 0.012 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12



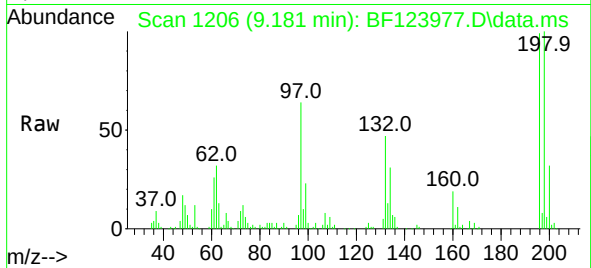
Tgt Ion: 330 Resp: 186876  
Ion Ratio Lower Upper  
330 100  
332 98.2 77.1 115.7  
141 38.7 27.9 41.9



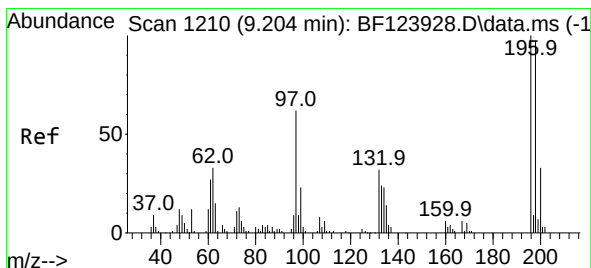
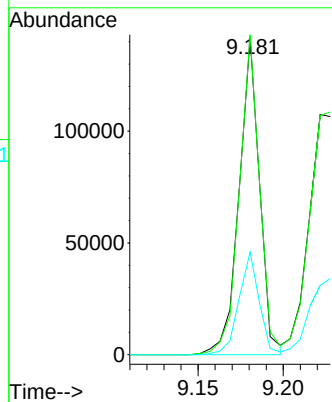
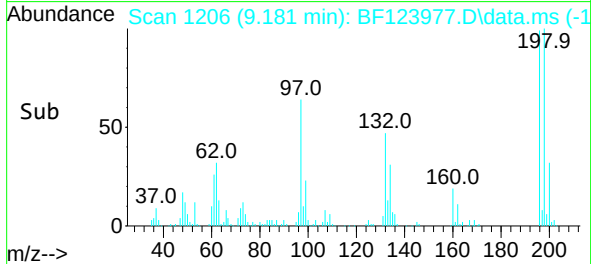




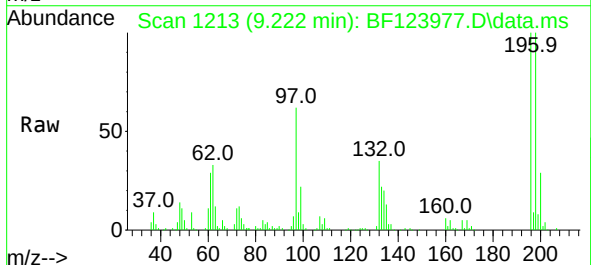
#43  
2,4,6-Trichlorophenol  
Concen: 35.16 ng  
RT: 9.181 min Scan# 1206  
Delta R.T. 0.012 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12



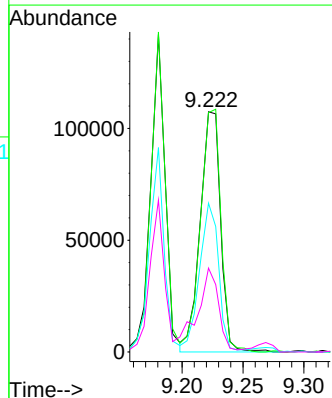
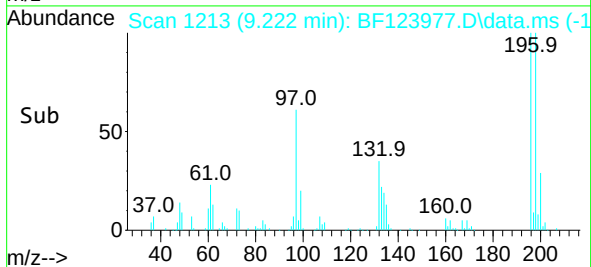
Tgt Ion:196 Resp: 118494  
Ion Ratio Lower Upper  
196 100  
198 100.8 78.2 117.2  
200 32.3 25.0 37.6



#44  
2,4,5-Trichlorophenol  
Concen: 35.86 ng  
RT: 9.222 min Scan# 1213  
Delta R.T. 0.018 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12



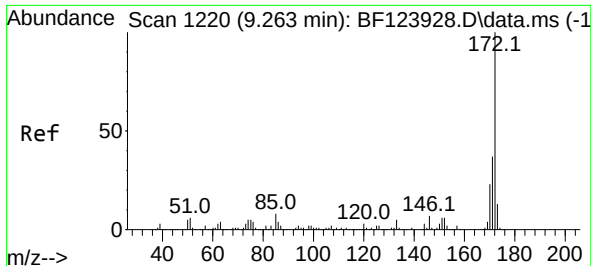
Tgt Ion:196 Resp: 125546  
Ion Ratio Lower Upper  
196 100  
198 99.7 76.5 114.7  
97 62.0 52.9 79.3  
132 34.9 25.3 37.9



Instrument :  
BNA\_F  
ClientSampled :  
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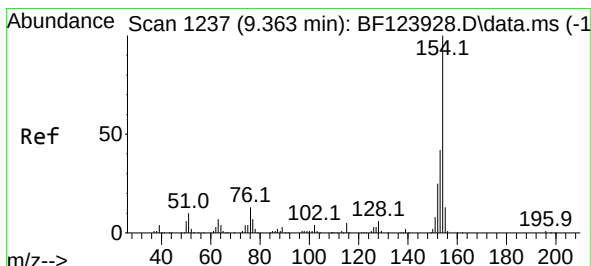
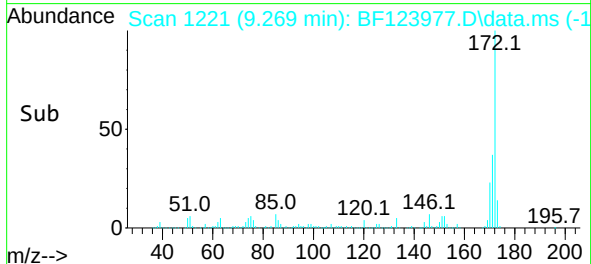
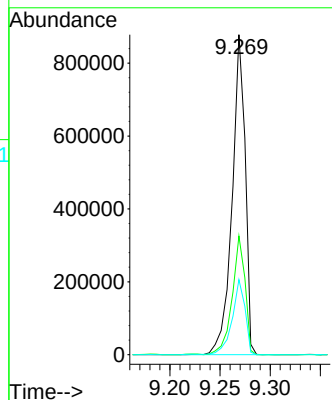
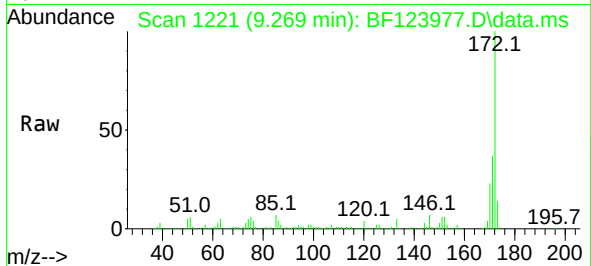
#45  
2-Fluorobiphenyl  
Concen: 67.71 ng  
RT: 9.269 min Scan# 1221  
Delta R.T. 0.006 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

Tgt Ion:172 Resp: 792318  
Ion Ratio Lower Upper  
172 100  
171 37.1 28.1 42.1  
170 23.4 19.2 28.8

Instrument :  
BNA\_F  
ClientSampleId :  
PB136493BS

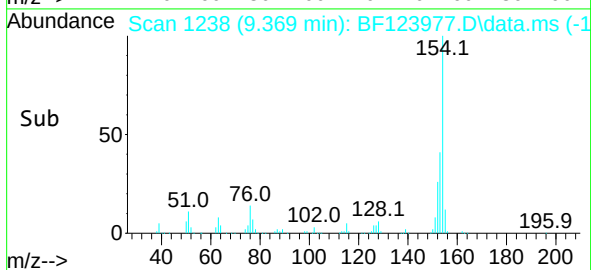
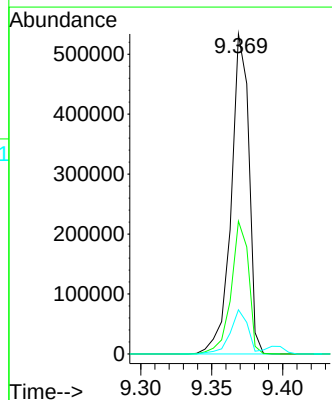
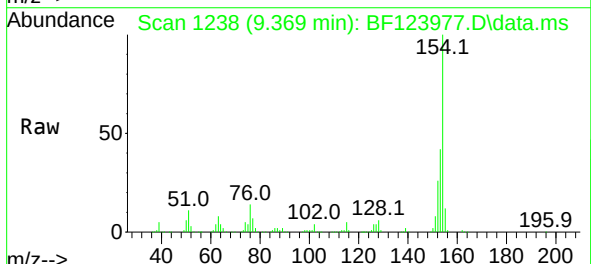
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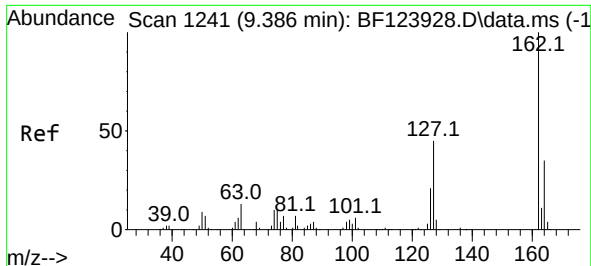
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#46  
1,1'-Biphenyl  
Concen: 36.63 ng  
RT: 9.369 min Scan# 1238  
Delta R.T. 0.006 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

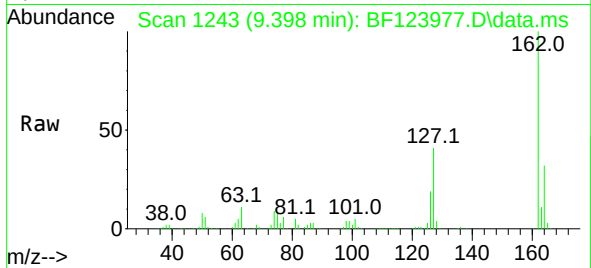
Tgt Ion:154 Resp: 464632  
Ion Ratio Lower Upper  
154 100  
153 41.5 20.7 60.7  
76 13.8 0.0 31.7





#47  
2-Chloronaphthalene  
Concen: 34.77 ng  
RT: 9.398 min Scan# 1243  
Delta R.T. 0.012 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

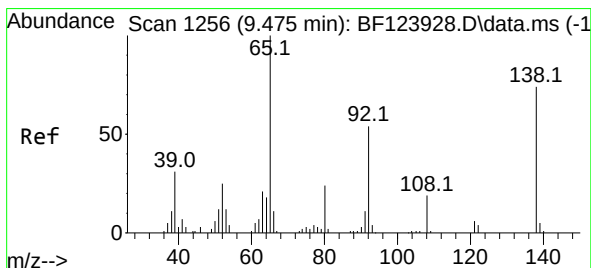
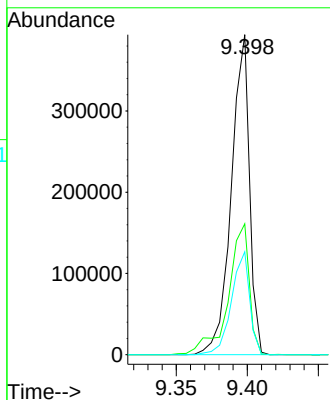
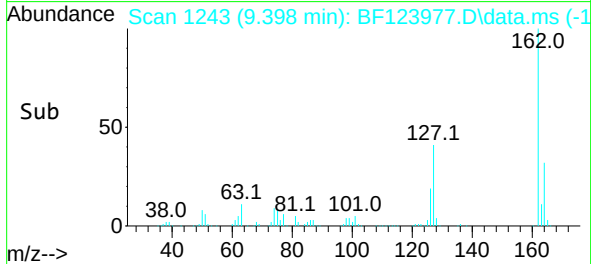
Instrument :  
BNA\_F  
ClientSampled :  
PB136493BS



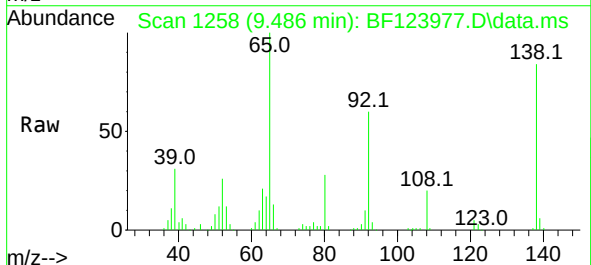
Tgt Ion:162 Resp: 350204  
Ion Ratio Lower Upper  
162 100  
127 40.9 36.2 54.2  
164 32.2 25.4 38.2

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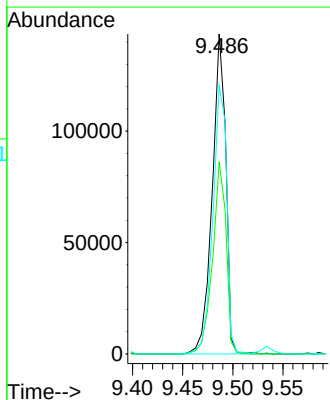
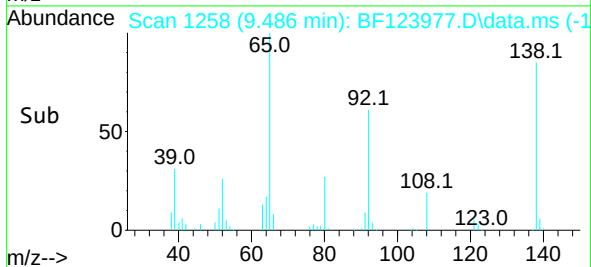
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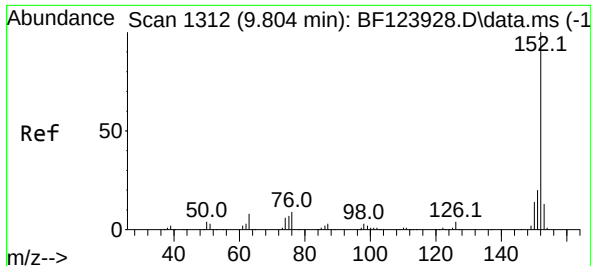


#48  
2-Nitroaniline  
Concen: 39.69 ng  
RT: 9.486 min Scan# 1258  
Delta R.T. 0.012 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12



Tgt Ion: 65 Resp: 135014  
Ion Ratio Lower Upper  
65 100  
92 60.1 47.1 70.7  
138 83.8 70.2 105.2





#49

Acenaphthylene

Concen: 37.50 ng

RT: 9.816 min Scan# 1314

Delta R.T. 0.012 min

Lab File: BF123977.D

Acq: 18 May 2021 14:12

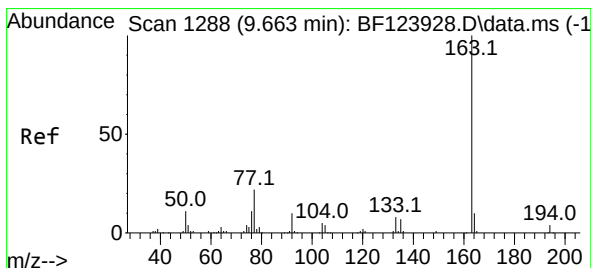
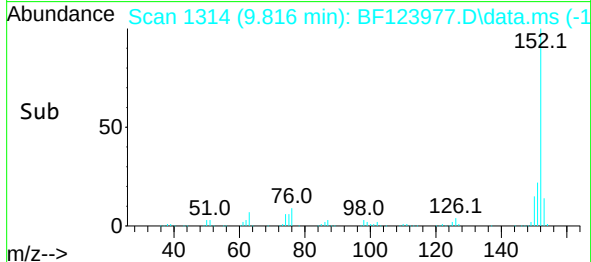
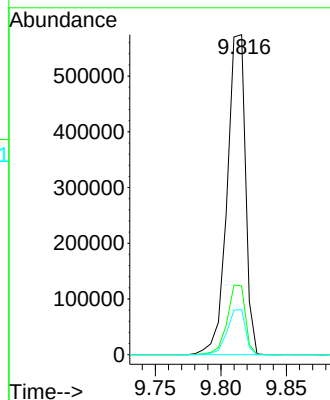
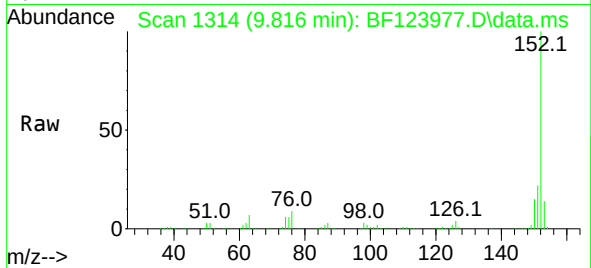
Tgt Ion:152 Resp: 558132

Ion Ratio Lower Upper

152 100

151 21.5 16.0 24.0

153 14.2 10.4 15.6



#50

Dimethylphthalate

Concen: 37.17 ng

RT: 9.675 min Scan# 1290

Delta R.T. 0.012 min

Lab File: BF123977.D

Acq: 18 May 2021 14:12

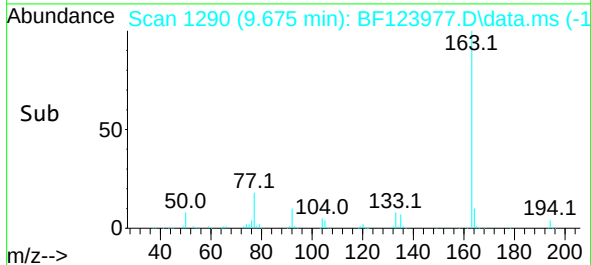
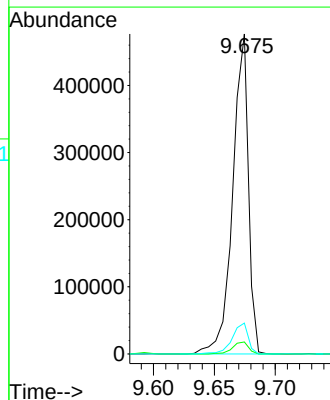
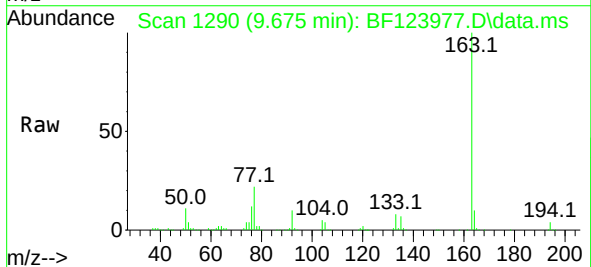
Tgt Ion:163 Resp: 427411

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

164 9.7 8.2 12.2



Instrument :

BNA\_F

ClientSampled :

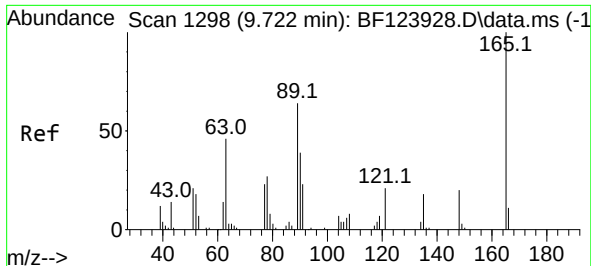
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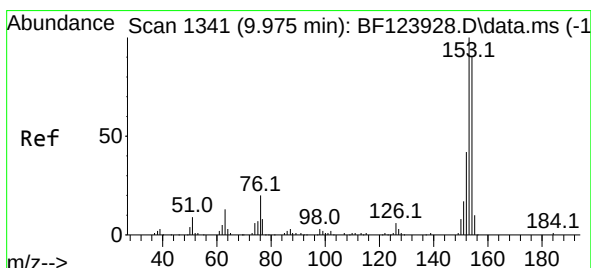
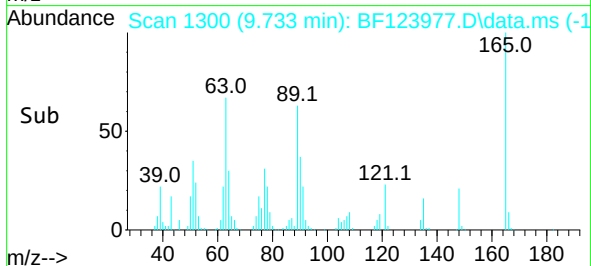
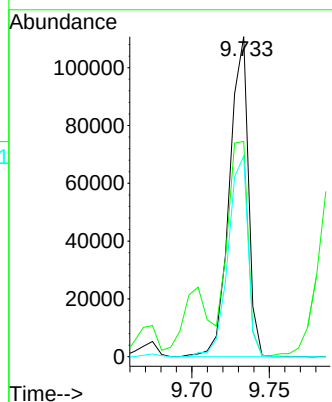
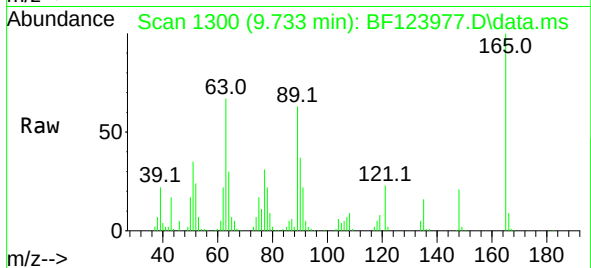
#51  
2,6-Dinitrotoluene  
Concen: 40.28 ng  
RT: 9.733 min Scan# 1300  
Delta R.T. 0.012 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

Tgt Ion:165 Resp: 93670  
Ion Ratio Lower Upper  
165 100  
63 67.2 67.7 101.5#  
89 62.7 58.8 88.2

Instrument :  
BNA\_F  
ClientSampleId :  
PB136493BS

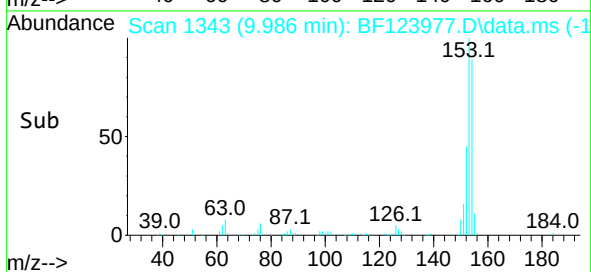
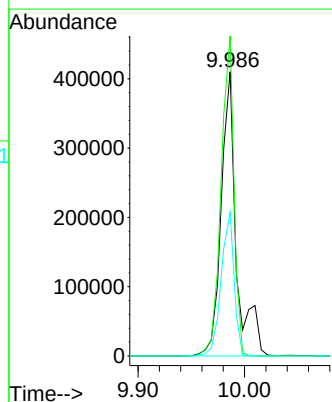
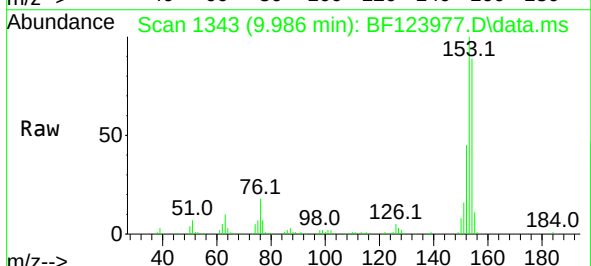
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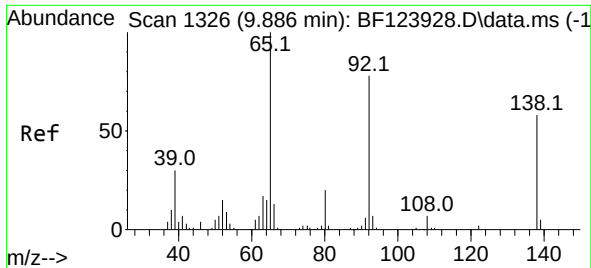
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#52  
Acenaphthene  
Concen: 39.95 ng  
RT: 9.986 min Scan# 1343  
Delta R.T. 0.012 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

Tgt Ion:154 Resp: 407048  
Ion Ratio Lower Upper  
154 100  
153 112.6 88.1 132.1  
152 50.6 43.4 65.0





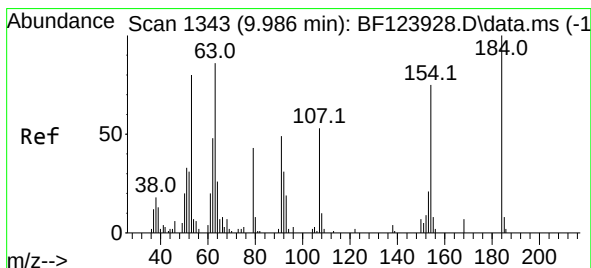
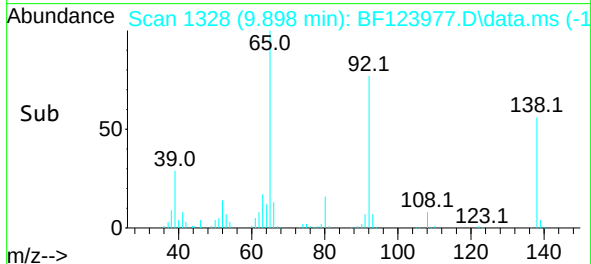
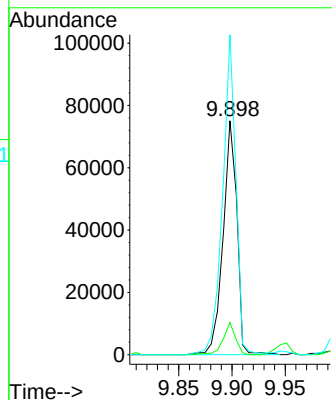
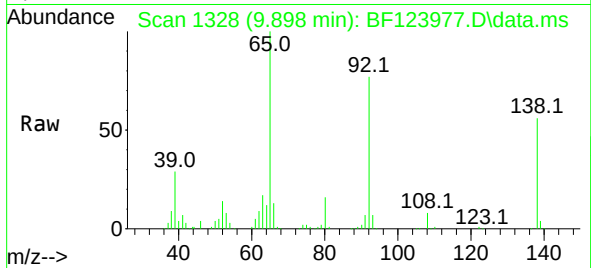
#53  
3-Nitroaniline  
Concen: 29.22 ng  
RT: 9.898 min Scan# 1328  
Delta R.T. 0.012 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

Tgt Ion:138 Resp: 67529  
Ion Ratio Lower Upper  
138 100  
108 13.7 10.2 15.4  
92 136.8 103.3 154.9

Instrument :  
BNA\_F  
ClientSampleId :  
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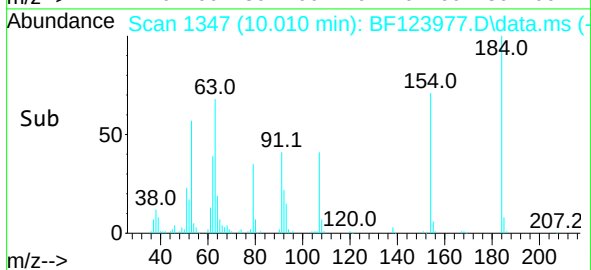
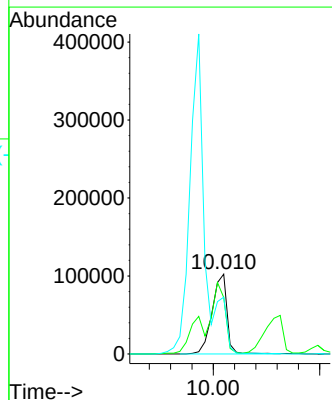
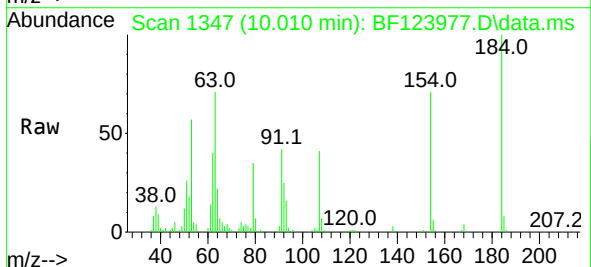
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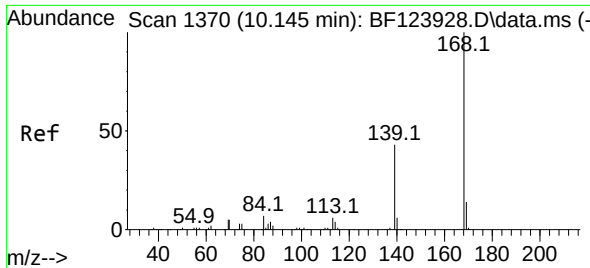
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#54  
2,4-Dinitrophenol  
Concen: 79.28 ng  
RT: 10.010 min Scan# 1347  
Delta R.T. 0.024 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

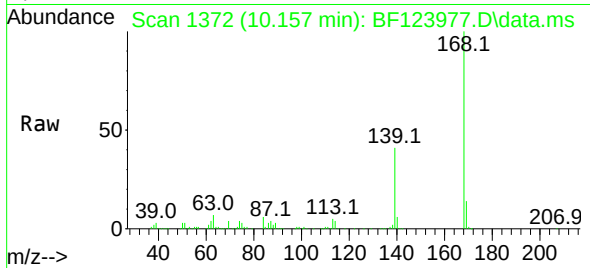
Tgt Ion:184 Resp: 99007  
Ion Ratio Lower Upper  
184 100  
63 70.8 73.5 110.3#  
154 71.1 52.5 78.7





#55  
Dibenzofuran  
Concen: 34.74 ng  
RT: 10.157 min Scan# 1372  
Delta R.T. 0.012 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

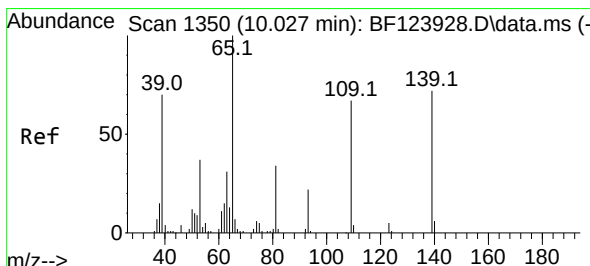
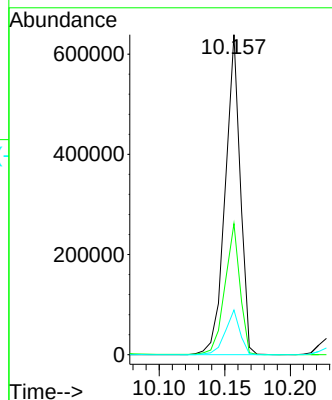
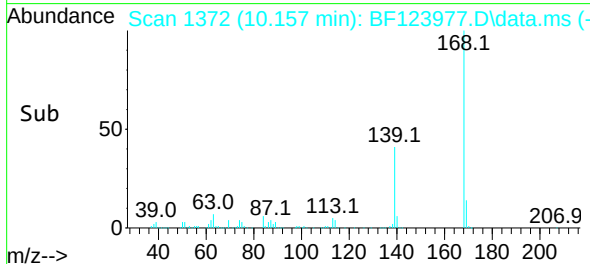
Instrument :  
BNA\_F  
ClientSampled :  
PB136493BS



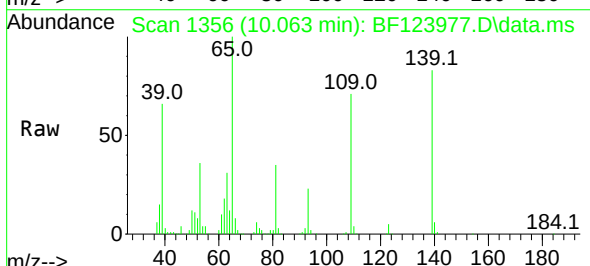
Tgt Ion:168 Resp: 508351  
Ion Ratio Lower Upper  
168 100  
139 41.0 33.2 49.8  
169 14.0 10.8 16.2

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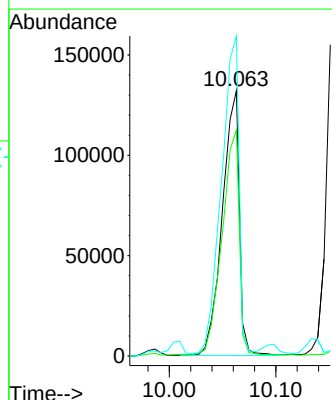
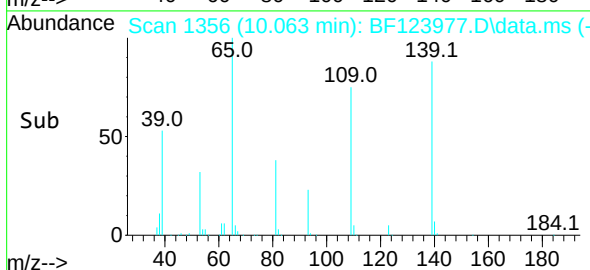
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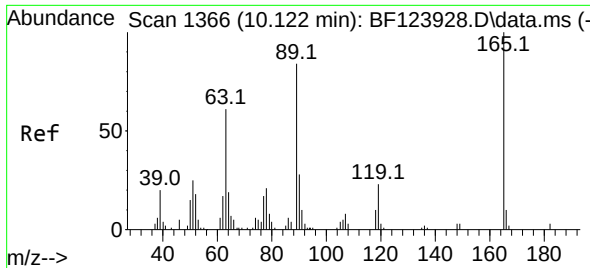


#56  
4-Nitrophenol  
Concen: 76.57 ng  
RT: 10.063 min Scan# 1356  
Delta R.T. 0.035 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12



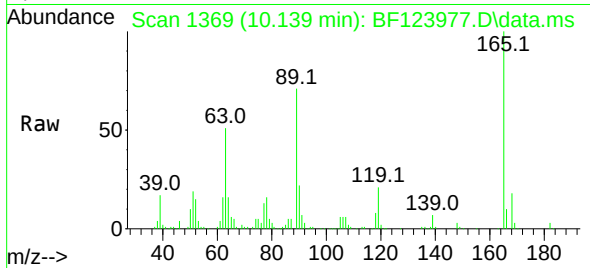
Tgt Ion:139 Resp: 146351  
Ion Ratio Lower Upper  
139 100  
109 85.2 63.2 103.2  
65 120.7 110.0 150.0





#57  
2,4-Dinitrotoluene  
Concen: 43.14 ng  
RT: 10.139 min Scan# 1369  
Delta R.T. 0.018 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

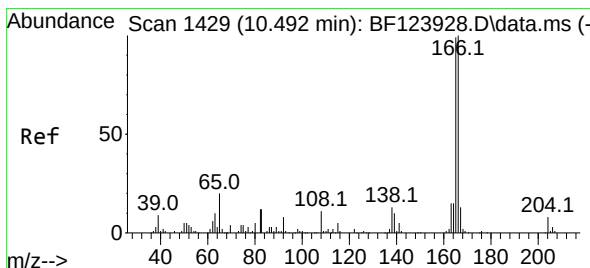
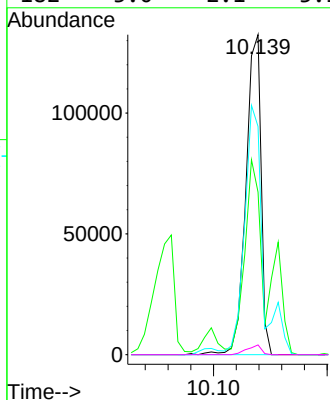
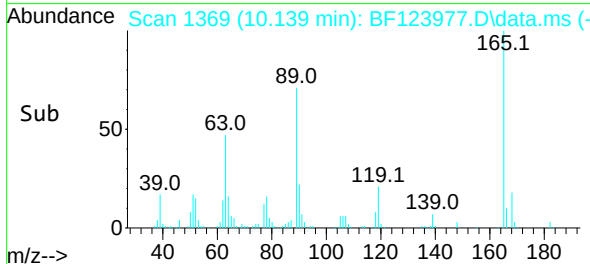
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ClientSampleId :  
PB136493BS



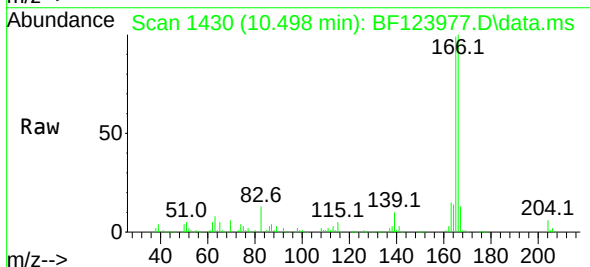
Tgt Ion:165 Resp: 123026  
Ion Ratio Lower Upper  
165 100  
63 50.8 43.5 65.3  
89 71.3 67.7 101.5  
182 3.0 2.1 3.1

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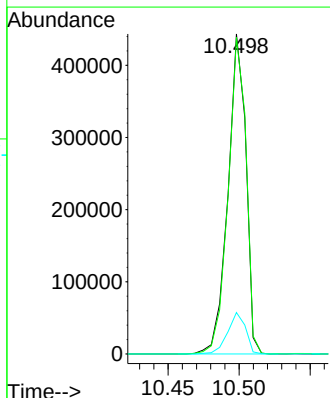
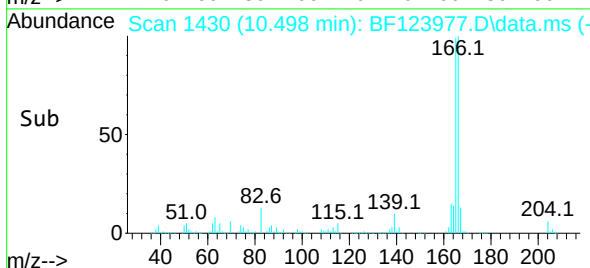
mohammad  
5/19/2021 11:40:09 AM



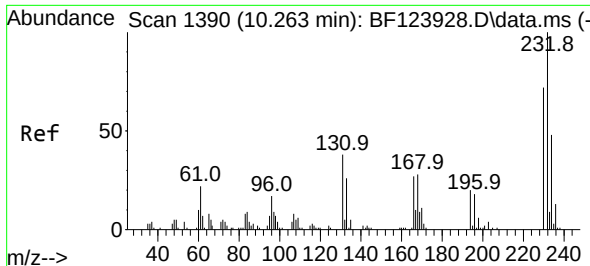
#58  
Fluorene  
Concen: 35.38 ng  
RT: 10.498 min Scan# 1430  
Delta R.T. 0.006 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12



Tgt Ion:166 Resp: 390132  
Ion Ratio Lower Upper  
166 100  
165 98.9 73.5 110.3  
167 12.9 10.7 16.1







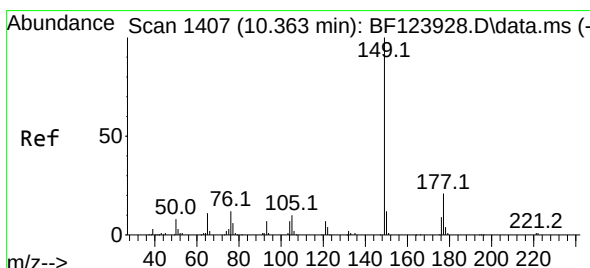
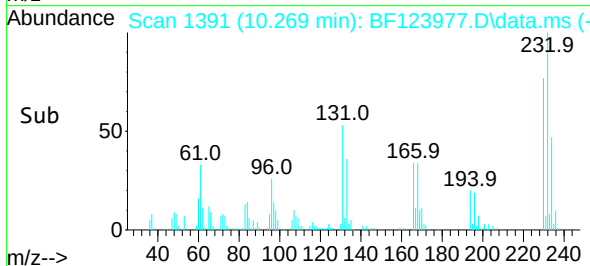
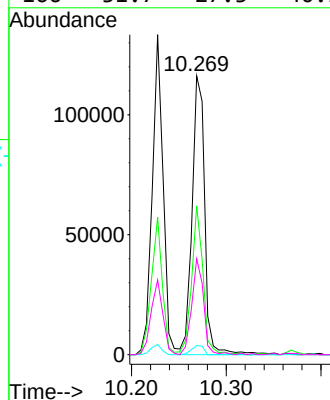
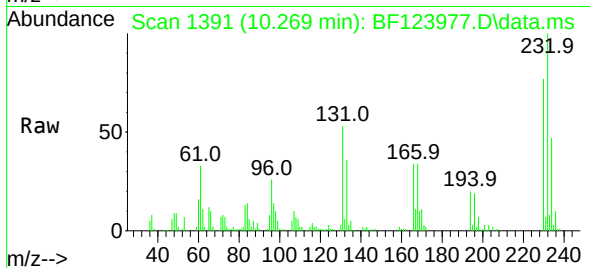
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 37.73 ng  
RT: 10.269 min Scan# 1391  
Delta R.T. 0.006 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

Tgt Ion:232 Resp: 108613  
Ion Ratio Lower Upper  
232 100  
131 48.1 43.2 64.8  
130 3.1 2.2 3.2  
166 31.7 27.3 40.9

Instrument :  
BNA\_F  
ClientSampleId :  
PB136493BS

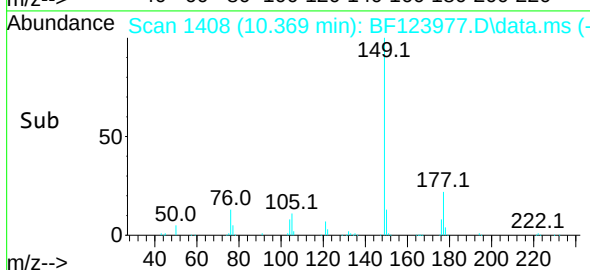
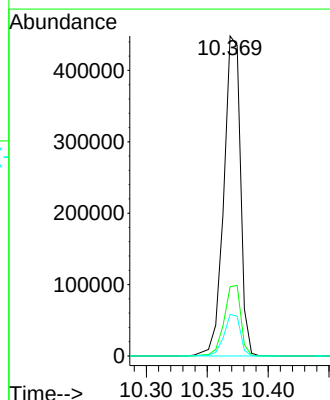
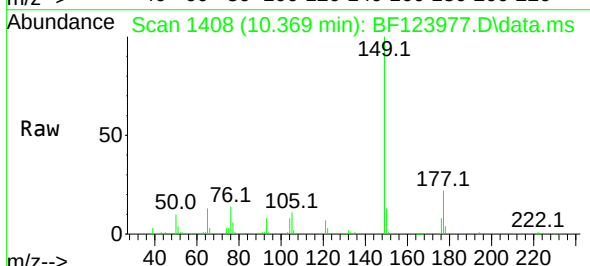
Manual Integrations  
APPROVED

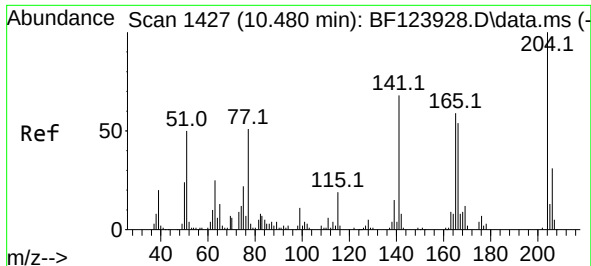
mohammad  
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#60  
Diethylphthalate  
Concen: 37.50 ng  
RT: 10.369 min Scan# 1408  
Delta R.T. 0.006 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

Tgt Ion:149 Resp: 427040  
Ion Ratio Lower Upper  
149 100  
177 21.6 15.4 23.2  
150 13.0 9.9 14.9





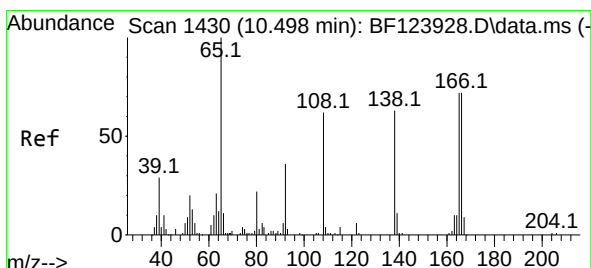
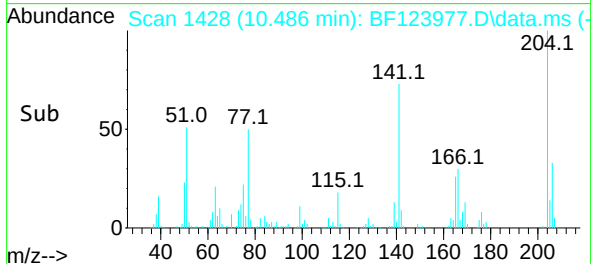
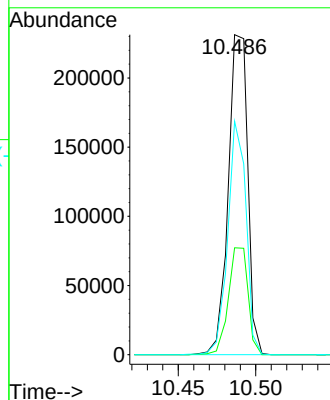
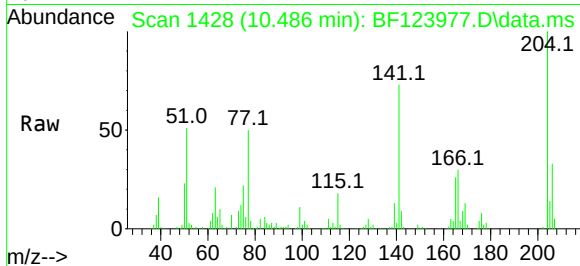
#61  
4-Chlorophenyl-phenylether  
Concen: 36.56 ng  
RT: 10.486 min Scan# 1428  
Delta R.T. 0.006 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

Instrument :  
BNA\_F  
ClientSampleId :  
PB136493BS

Tgt Ion:204 Resp: 202031  
Ion Ratio Lower Upper  
204 100  
206 33.4 25.7 38.5  
141 73.0 55.5 83.3

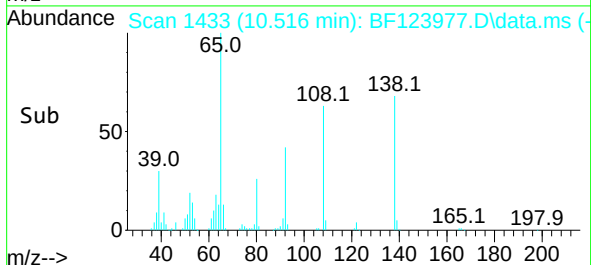
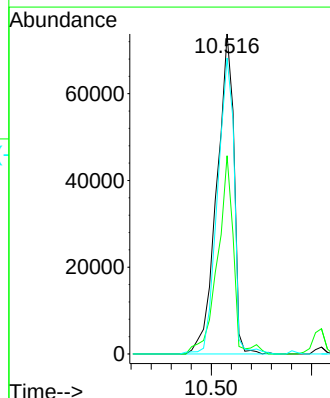
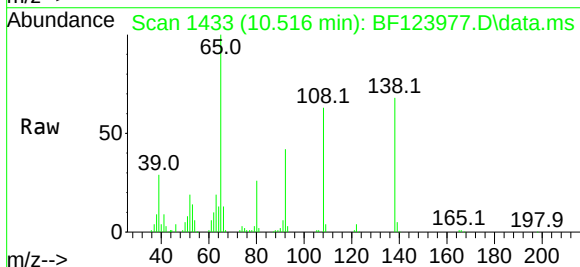
Manual Integrations  
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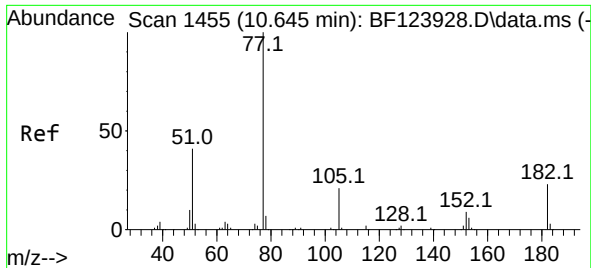
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#62  
4-Nitroaniline  
Concen: 38.17 ng  
RT: 10.516 min Scan# 1433  
Delta R.T. 0.018 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

Tgt Ion:138 Resp: 87740  
Ion Ratio Lower Upper  
138 100  
92 62.0 35.8 75.8  
108 92.5 63.6 103.6





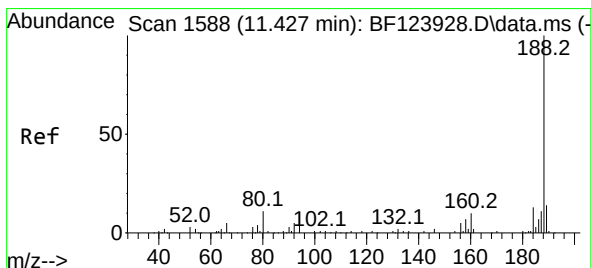
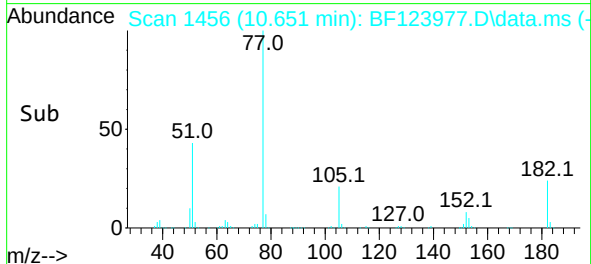
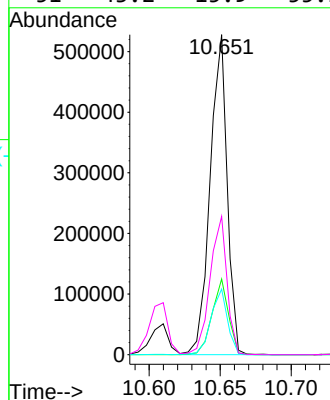
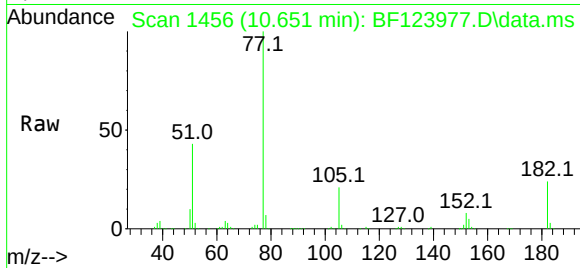
#63  
Azobenzene  
Concen: 34.72 ng  
RT: 10.651 min Scan# 1456  
Delta R.T. 0.006 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 439731 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 23.7    | 1.7 41.7     |
| 105 20.5    | 1.7 41.7     |
| 51 43.2     | 15.9 55.9    |

Instrument :  
BNA\_F  
ClientSampleId :  
PB136493BS

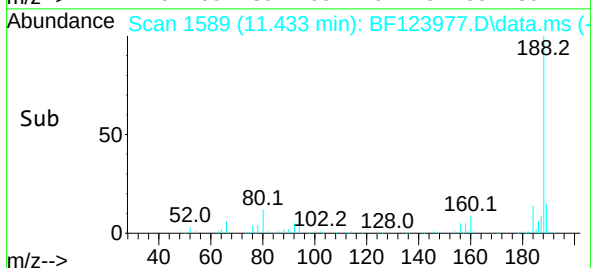
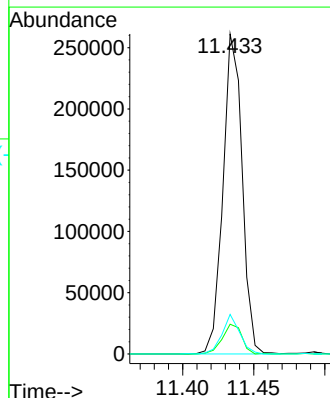
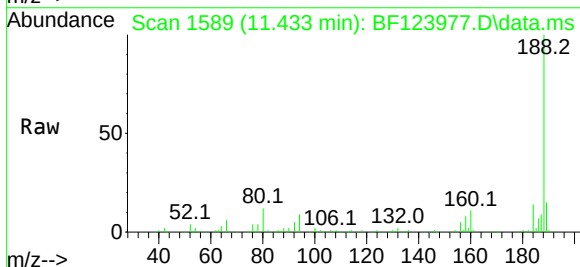
Manual Integrations  
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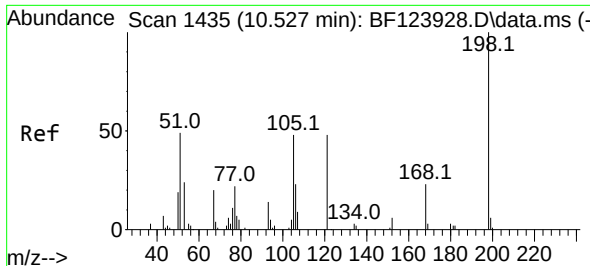
mohammad  
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#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.433 min Scan# 1589  
Delta R.T. 0.006 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

|             |              |       |  |
|-------------|--------------|-------|--|
| Tgt Ion:188 | Resp: 244243 |       |  |
| Ion Ratio   | Lower        | Upper |  |
| 188 100     |              |       |  |
| 94 9.3      | 6.9          | 10.3  |  |
| 80 12.3     | 8.2          | 12.2# |  |





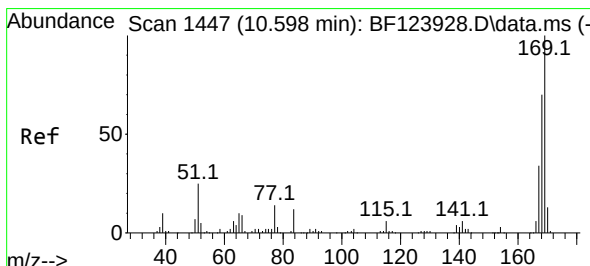
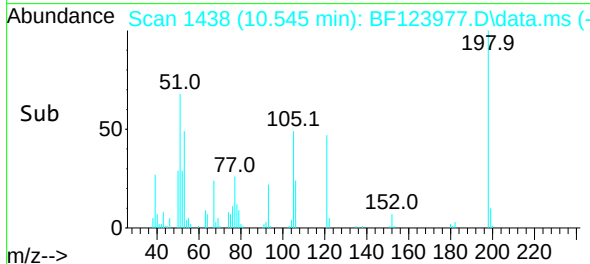
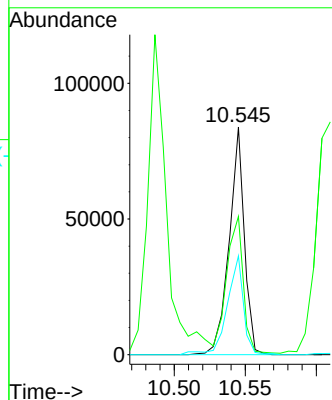
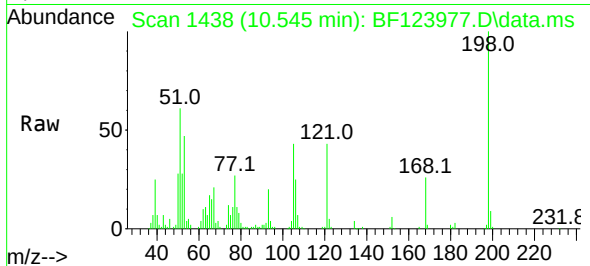
#65  
4,6-Dinitro-2-methylphenol  
Concen: 40.53 ng  
RT: 10.545 min Scan# 1438  
Delta R.T. 0.018 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

Tgt Ion:198 Resp: 62280  
Ion Ratio Lower Upper  
198 100  
51 60.7 64.8 104.8#  
105 43.4 42.6 82.6

Instrument :  
BNA\_F  
ClientSampled :  
PB136493BS

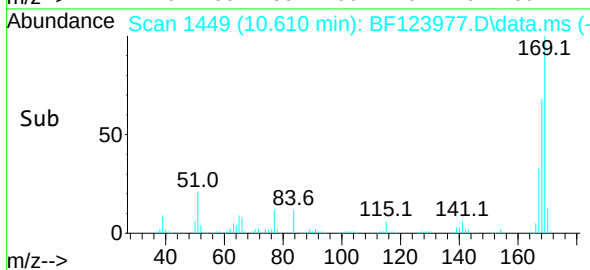
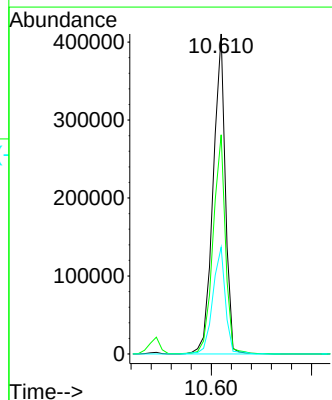
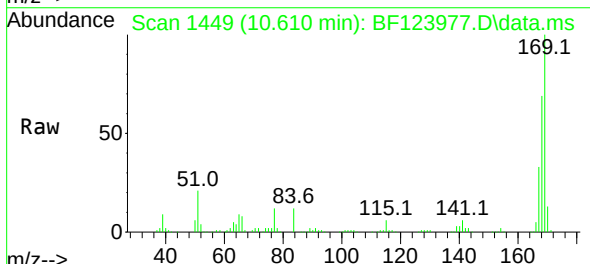
Manual Integrations  
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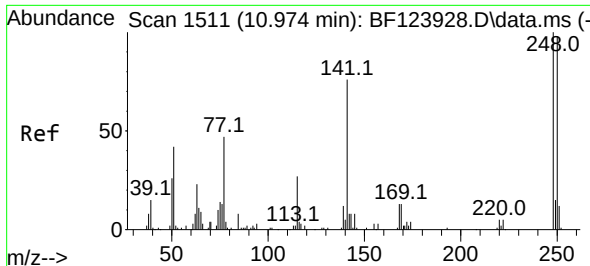
mohammad  
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#66  
n-Nitrosodiphenylamine  
Concen: 37.29 ng  
RT: 10.610 min Scan# 1449  
Delta R.T. 0.012 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

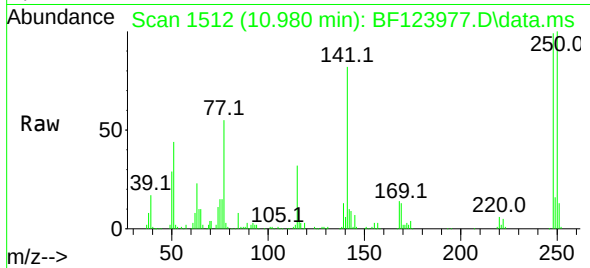
Tgt Ion:169 Resp: 347971  
Ion Ratio Lower Upper  
169 100  
168 68.5 53.3 79.9  
167 33.4 29.9 44.9





#67  
4-Bromophenyl-phenylether  
Concen: 37.26 ng  
RT: 10.980 min Scan# 1512  
Delta R.T. 0.006 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

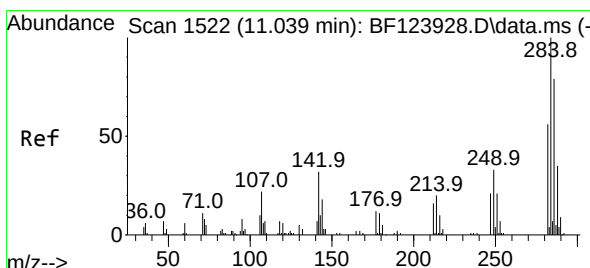
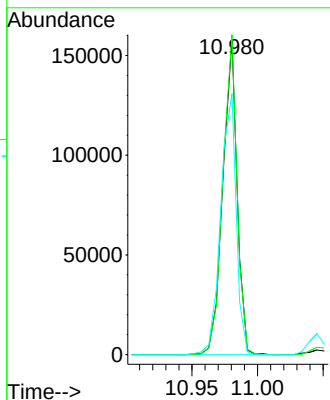
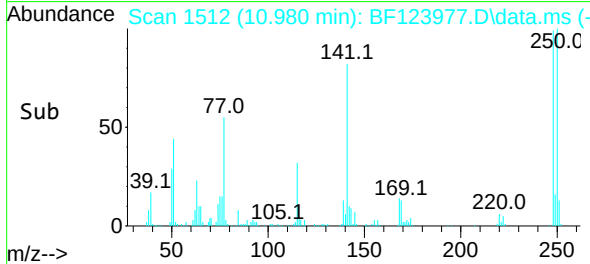
Instrument :  
BNA\_F  
ClientSampleId :  
PB136493BS



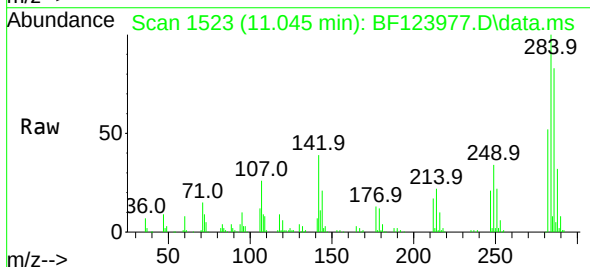
Tgt Ion:248 Resp: 119587  
Ion Ratio Lower Upper  
248 100  
250 101.4 77.4 116.2  
141 82.8 63.7 95.5

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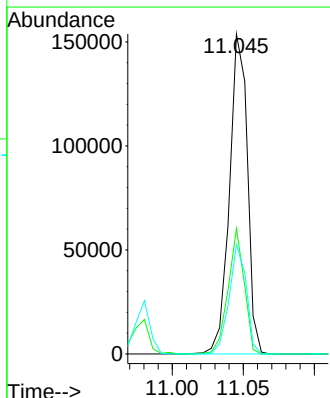
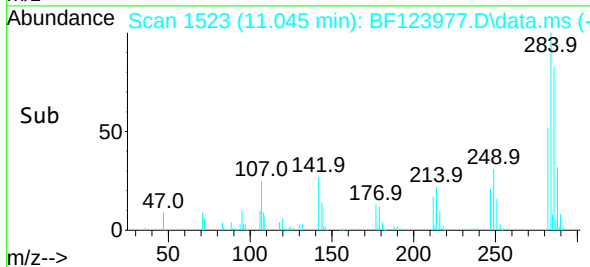
mohammad  
5/19/2021 11:40:09 AM

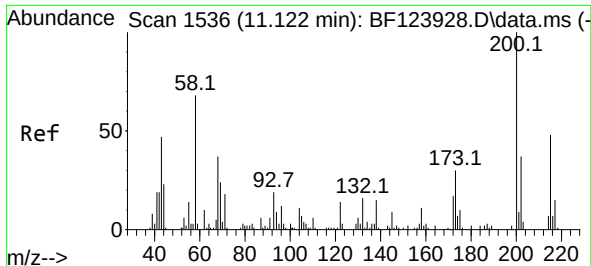


#68  
Hexachlorobenzene  
Concen: 37.59 ng  
RT: 11.045 min Scan# 1523  
Delta R.T. 0.006 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

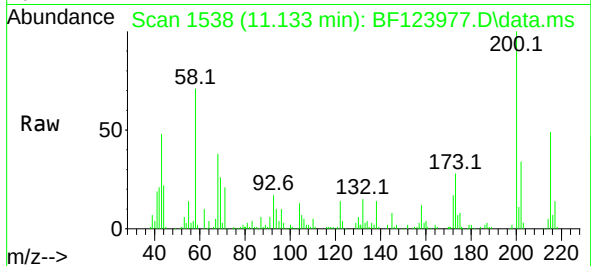


Tgt Ion:284 Resp: 134710  
Ion Ratio Lower Upper  
284 100  
142 39.2 28.3 42.5  
249 34.1 23.5 35.3

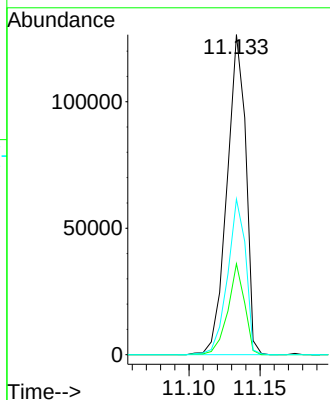
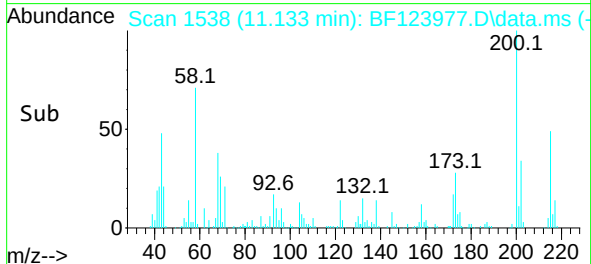




#69  
Atrazine  
Concen: 44.18 ng  
RT: 11.133 min Scan# 1538  
Delta R.T. 0.012 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12



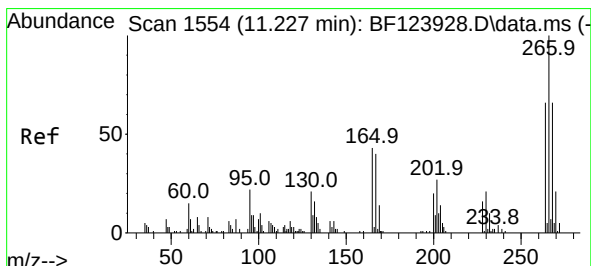
Tgt Ion:200 Resp: 116445  
Ion Ratio Lower Upper  
200 100  
173 28.4 6.9 46.9  
215 48.6 26.5 66.5



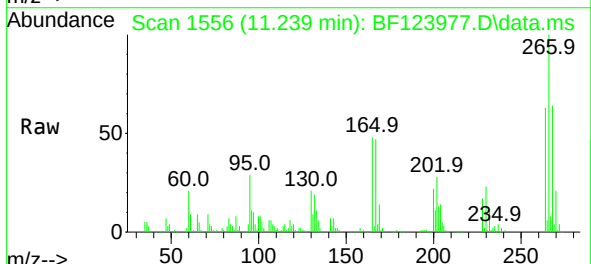
Instrument :  
BNA\_F  
ClientSampleId :  
PB136493BS

Manual Integrations  
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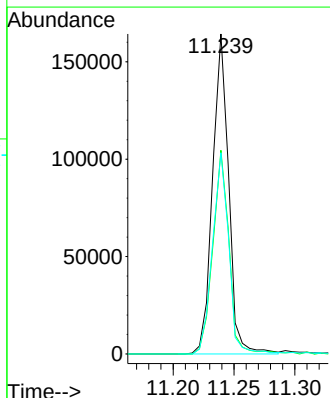
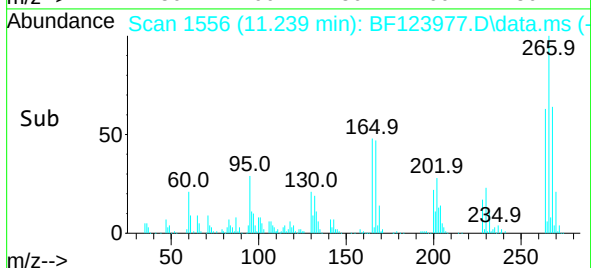
mohammad  
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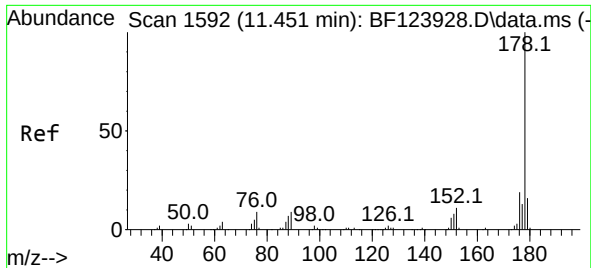


#70  
Pentachlorophenol  
Concen: 70.91 ng  
RT: 11.239 min Scan# 1556  
Delta R.T. 0.012 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

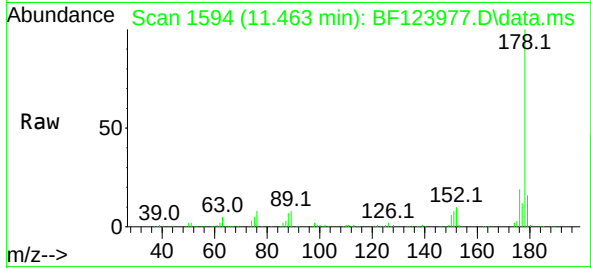


Tgt Ion:266 Resp: 150637  
Ion Ratio Lower Upper  
266 100  
268 63.7 51.6 77.4  
264 62.9 52.6 78.8

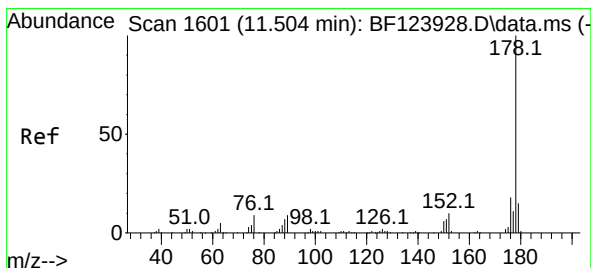
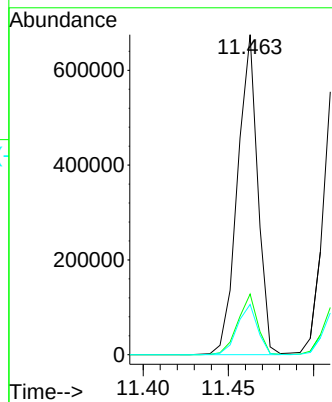
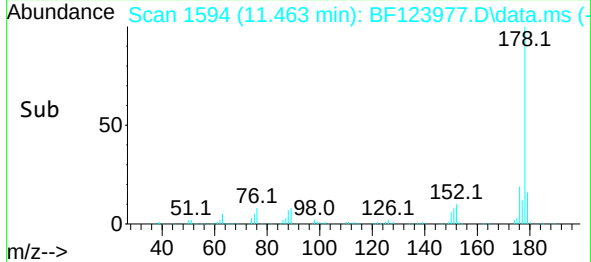




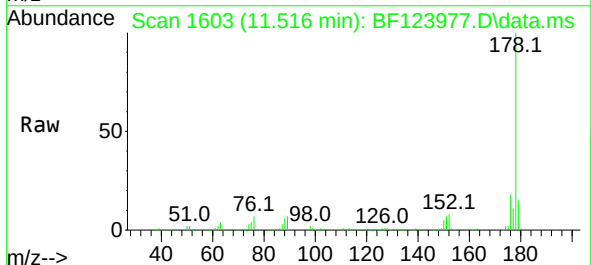
#71  
Phenanthrene  
Concen: 36.01 ng  
RT: 11.463 min Scan# 1594  
Delta R.T. 0.012 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12



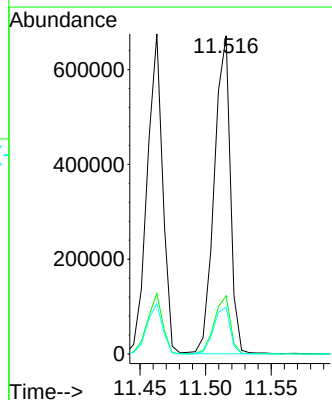
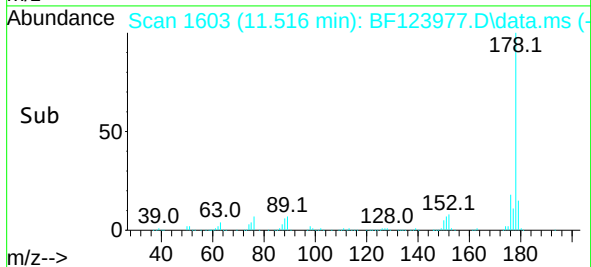
Tgt Ion:178 Resp: 557449  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.6 23.4  
179 15.7 12.5 18.7



#72  
Anthracene  
Concen: 36.42 ng  
RT: 11.516 min Scan# 1603  
Delta R.T. 0.012 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12



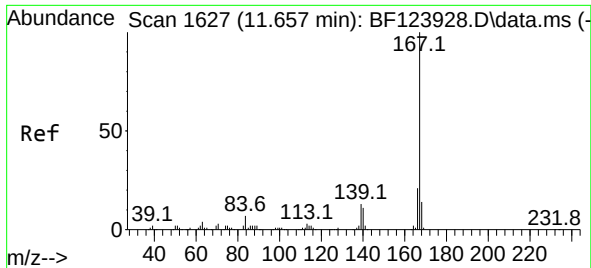
Tgt Ion:178 Resp: 571243  
Ion Ratio Lower Upper  
178 100  
176 18.3 15.4 23.0  
179 14.7 12.6 18.8



Instrument :  
BNA\_F  
ClientSampleId :  
PB136493BS

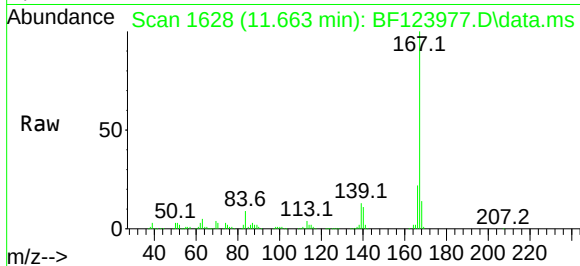
Manual Integrations  
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#73  
Carbazole  
Concen: 34.07 ng  
RT: 11.663 min Scan# 1628  
Delta R.T. 0.006 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

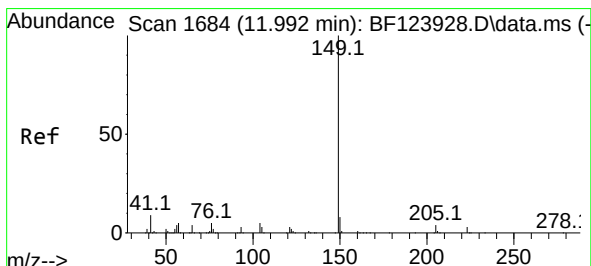
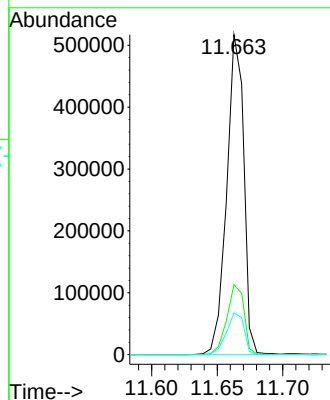
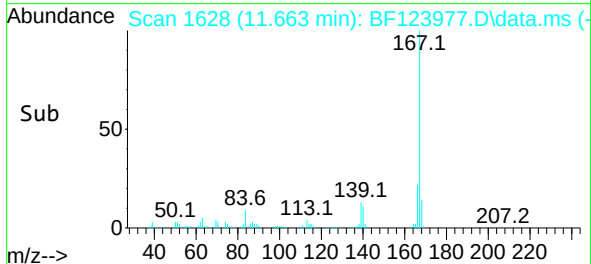
Instrument :  
BNA\_F  
ClientSampled :  
PB136493BS



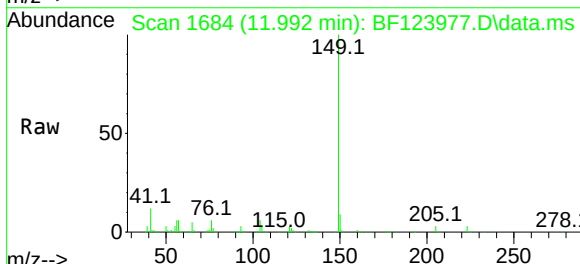
Tgt Ion:167 Resp: 467468  
Ion Ratio Lower Upper  
167 100  
166 21.9 17.0 25.6  
139 13.0 10.4 15.6

Manual Integrations  
APPROVED

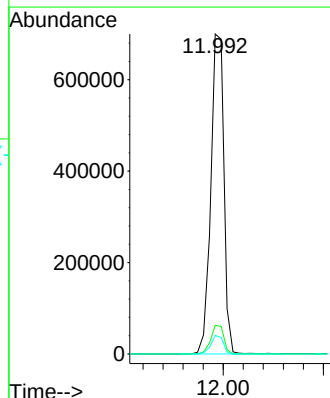
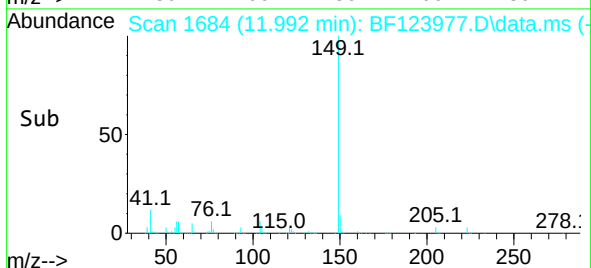
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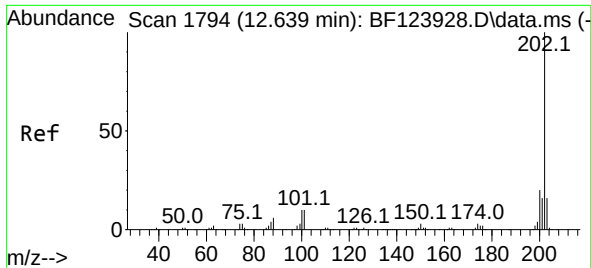
#74  
Di-n-butylphthalate  
Concen: 37.10 ng  
RT: 11.992 min Scan# 1684  
Delta R.T. 0.000 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12



Tgt Ion:149 Resp: 637142  
Ion Ratio Lower Upper  
149 100  
150 9.0 7.8 11.8  
104 5.8 4.6 6.8

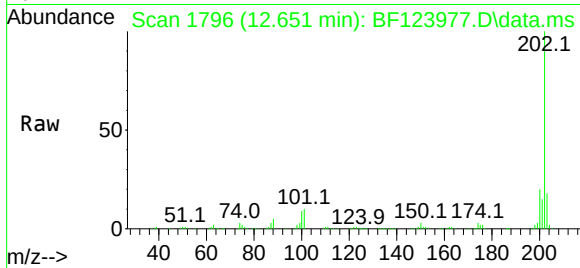






#75  
Fluoranthene  
Concen: 33.52 ng  
RT: 12.651 min Scan# 1796  
Delta R.T. 0.012 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

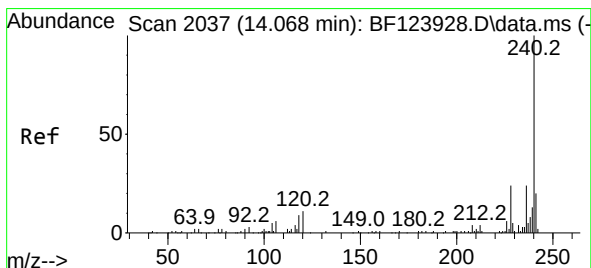
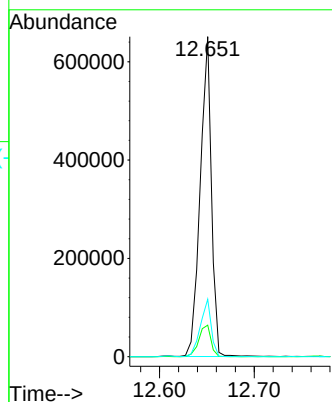
Instrument :  
BNA\_F  
ClientSampleId :  
PB136493BS



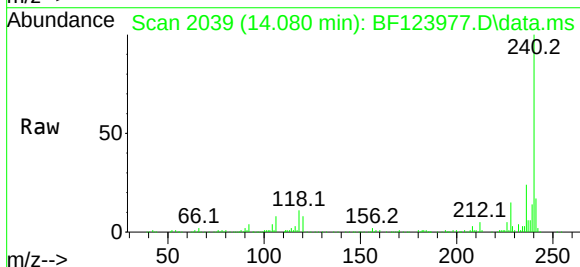
Tgt Ion:202 Resp: 537271  
Ion Ratio Lower Upper  
202 100  
101 9.8 0.0 30.9  
203 17.9 0.0 37.5

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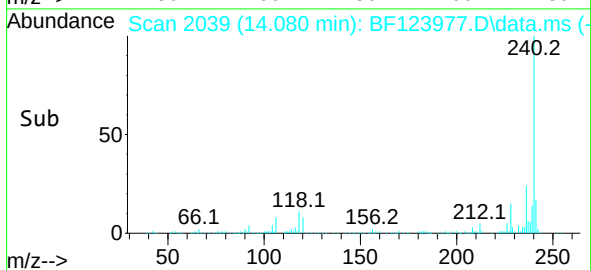
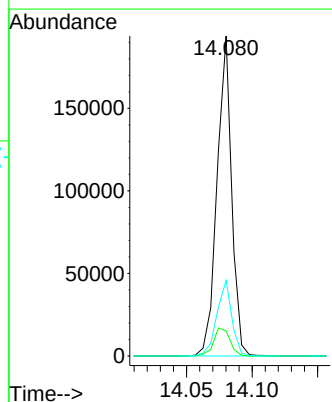
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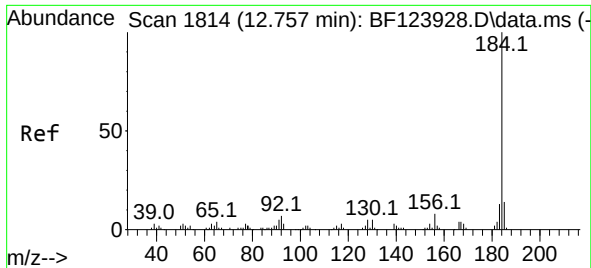


#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.080 min Scan# 2039  
Delta R.T. 0.012 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

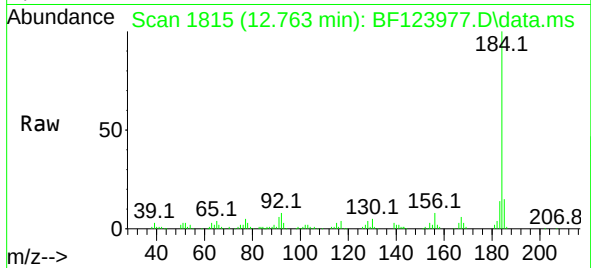


Tgt Ion:240 Resp: 149596  
Ion Ratio Lower Upper  
240 100  
120 7.8 7.2 10.8  
236 23.6 19.0 28.4

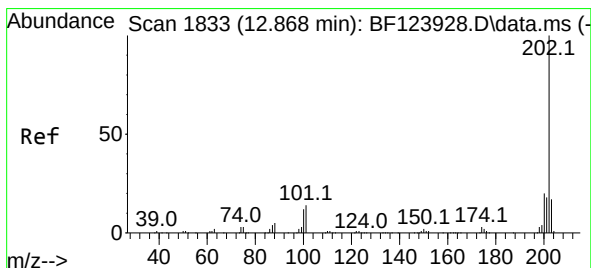
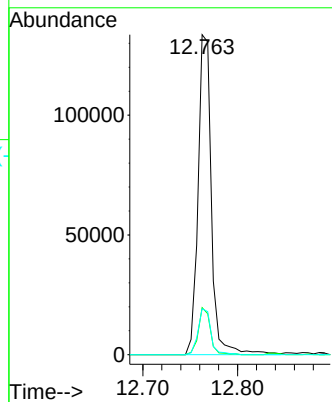
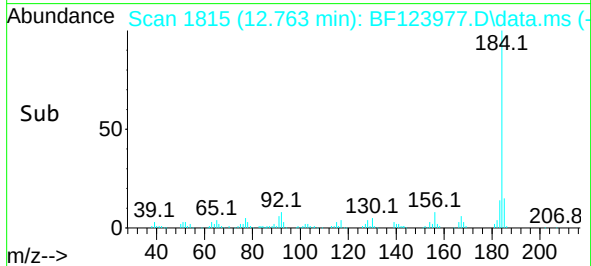




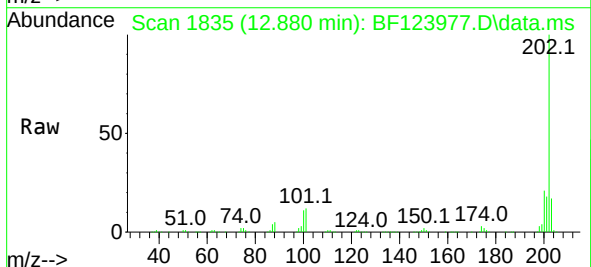
#77  
Benzidine  
Concen: 36.34 ng  
RT: 12.763 min Scan# 1815  
Delta R.T. 0.006 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12



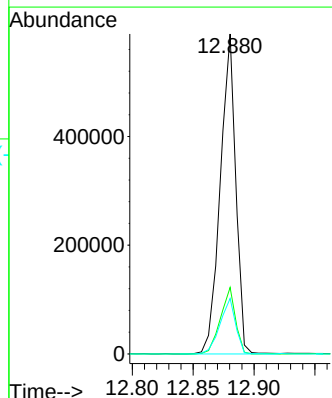
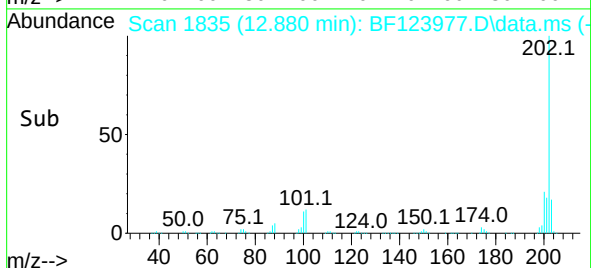
Tgt Ion:184 Resp: 131171  
Ion Ratio Lower Upper  
184 100  
185 14.7 12.1 18.1  
183 14.3 7.8 11.8#



#78  
Pyrene  
Concen: 39.30 ng  
RT: 12.880 min Scan# 1835  
Delta R.T. 0.012 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12



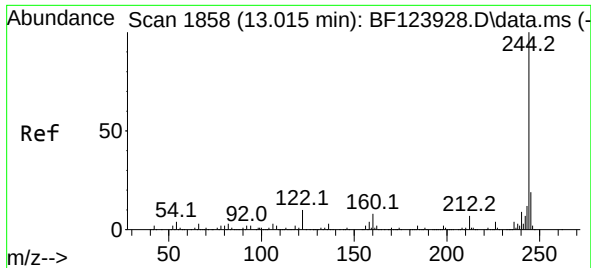
Tgt Ion:202 Resp: 521949  
Ion Ratio Lower Upper  
202 100  
200 20.8 16.1 24.1  
203 17.3 14.8 22.2



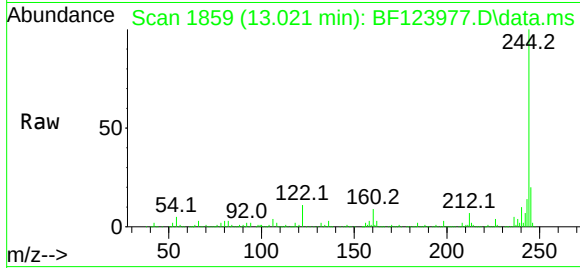
Instrument :  
BNA\_F  
ClientSampleId :  
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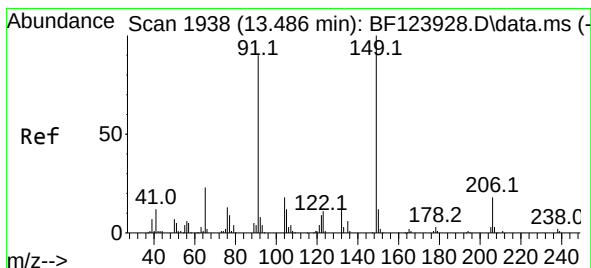
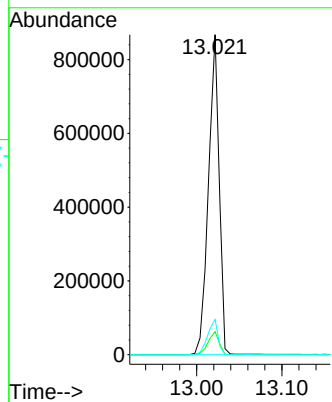
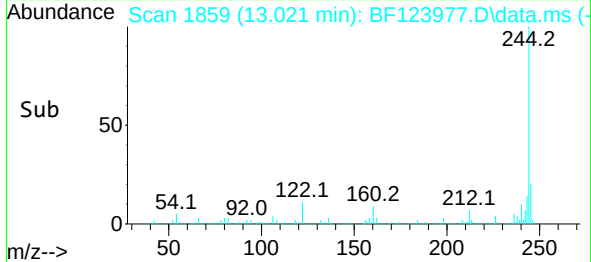
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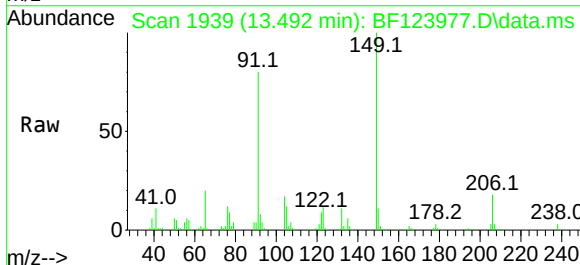
#79  
Terphenyl-d14  
Concen: 76.78 ng  
RT: 13.021 min Scan# 1859  
Delta R.T. 0.006 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12



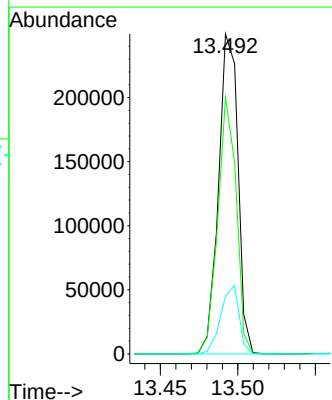
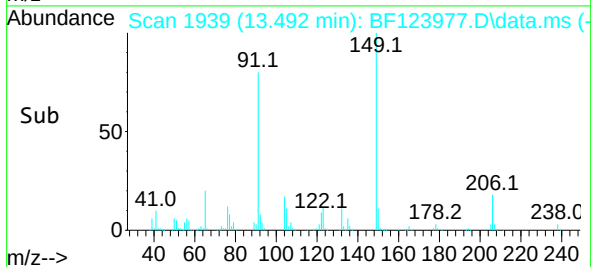
Tgt Ion:244 Resp: 758378  
Ion Ratio Lower Upper  
244 100  
212 7.2 5.7 8.5  
122 11.0 9.7 14.5



#80  
Butylbenzylphthalate  
Concen: 41.76 ng  
RT: 13.492 min Scan# 1939  
Delta R.T. 0.006 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12



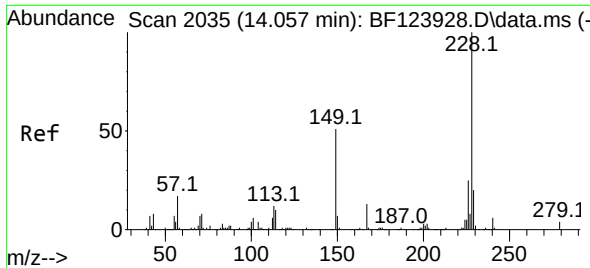
Tgt Ion:149 Resp: 217478  
Ion Ratio Lower Upper  
149 100  
91 80.2 63.6 95.4  
206 18.1 14.5 21.7



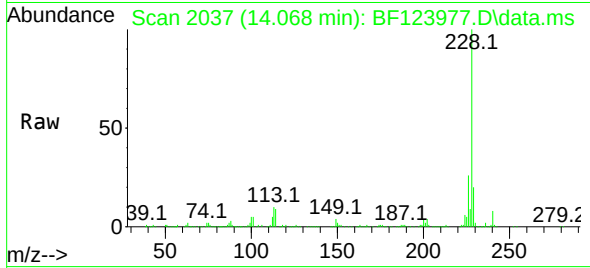
Instrument :  
BNA\_F  
ClientSampleId :  
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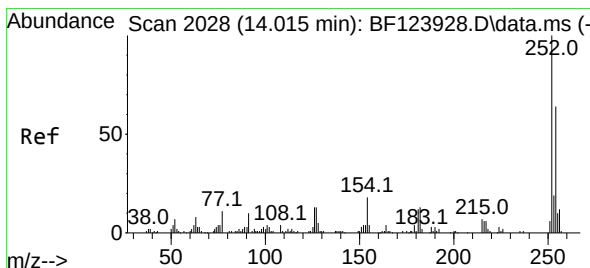
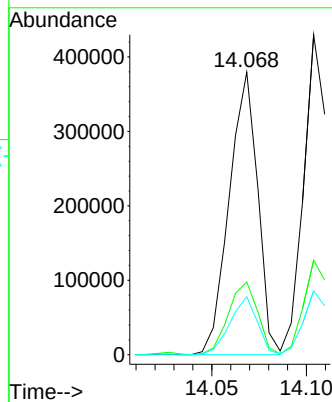
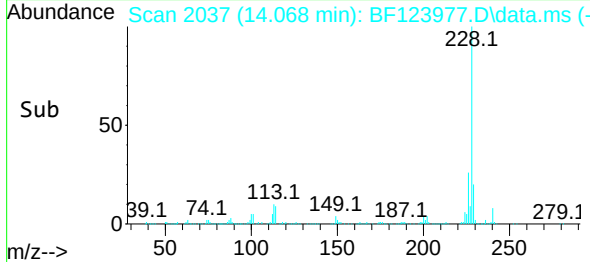
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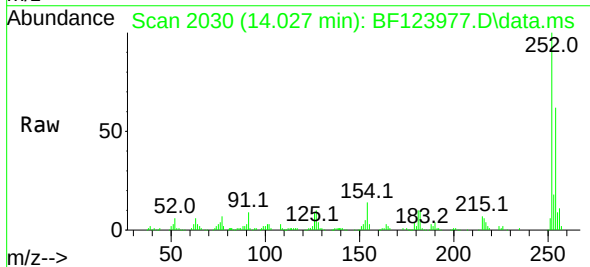
#81  
Benzo(a)anthracene  
Concen: 36.67 ng  
RT: 14.068 min Scan# 2037  
Delta R.T. 0.012 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12



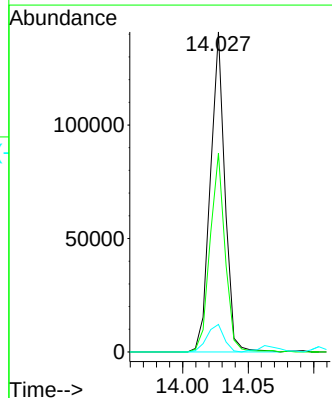
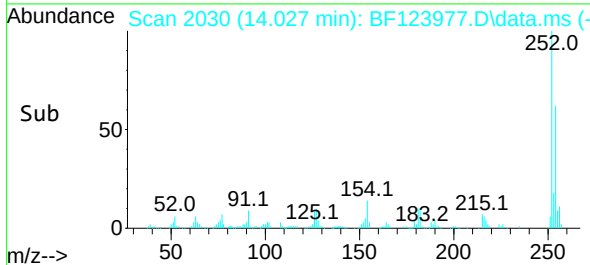
Tgt Ion:228 Resp: 396696  
Ion Ratio Lower Upper  
228 100  
226 25.7 22.4 33.6  
229 20.5 16.0 24.0



#82  
3,3'-Dichlorobenzidine  
Concen: 32.42 ng  
RT: 14.027 min Scan# 2030  
Delta R.T. 0.012 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12



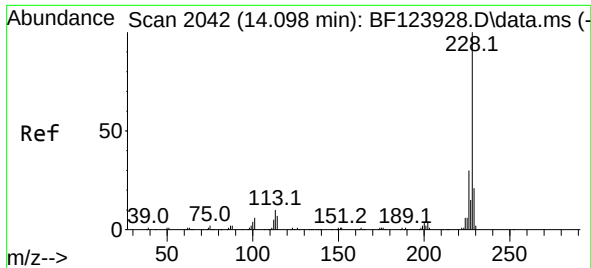
Tgt Ion:252 Resp: 108972  
Ion Ratio Lower Upper  
252 100  
254 62.1 51.1 76.7  
126 8.6 7.7 11.5



Instrument :  
BNA\_F  
ClientSampleId :  
PB136493BS

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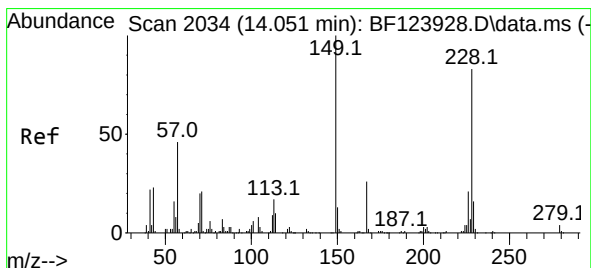
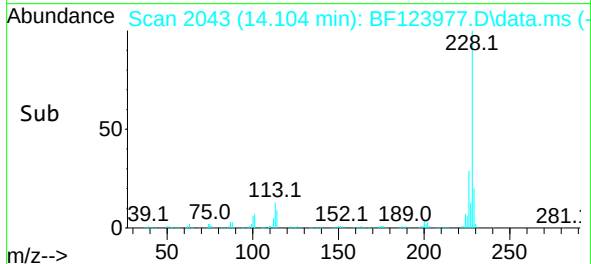
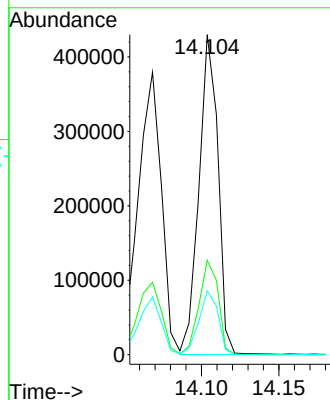
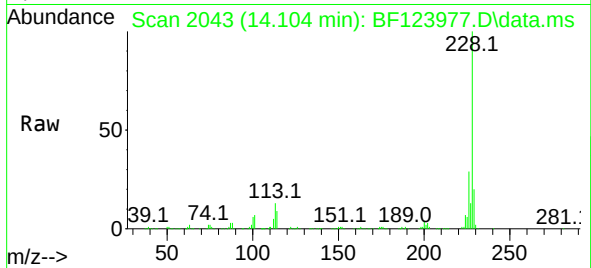
#83  
Chrysene  
Concen: 35.15 ng  
RT: 14.104 min Scan# 2043  
Delta R.T. 0.006 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

Tgt Ion:228 Resp: 365736  
Ion Ratio Lower Upper  
228 100  
226 29.5 24.3 36.5  
229 19.9 16.2 24.2

Instrument :  
BNA\_F  
ClientSampleId :  
PB136493BS

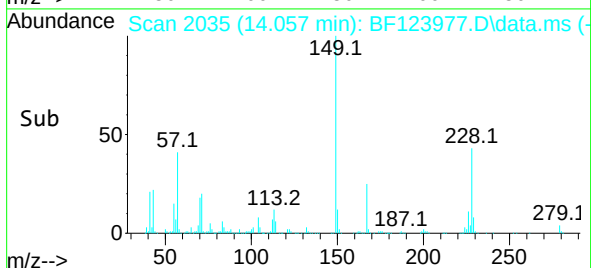
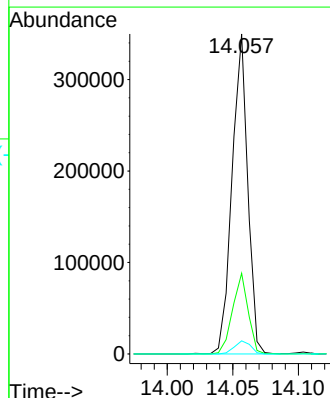
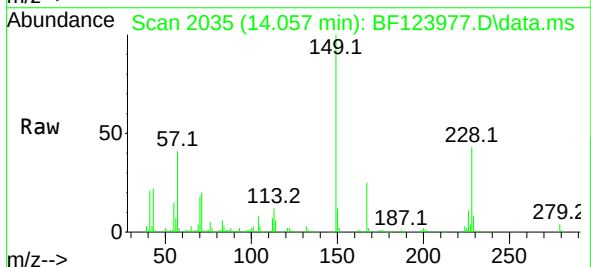
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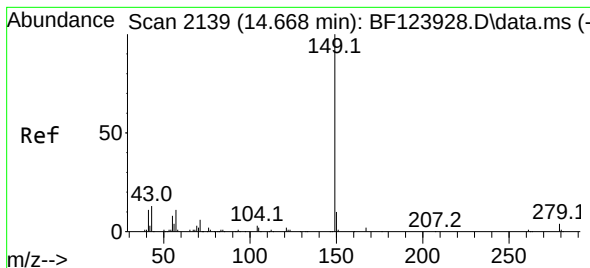
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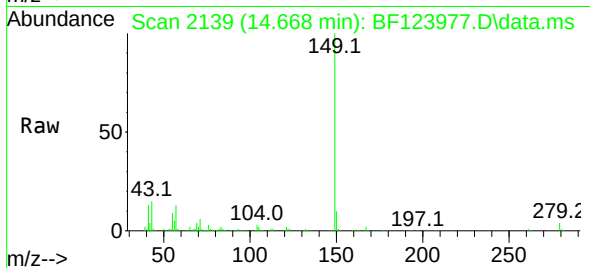
#84  
Bis(2-ethylhexyl)phthalate  
Concen: 39.58 ng  
RT: 14.057 min Scan# 2035  
Delta R.T. 0.006 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

Tgt Ion:149 Resp: 290863  
Ion Ratio Lower Upper  
149 100  
167 25.2 21.8 32.6  
279 4.1 3.3 4.9

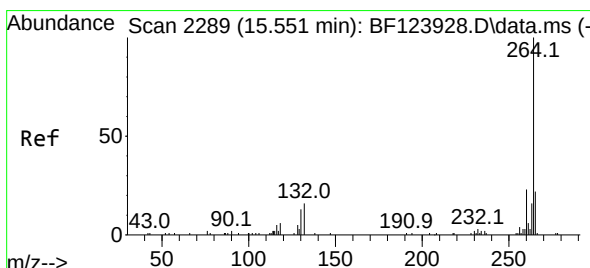
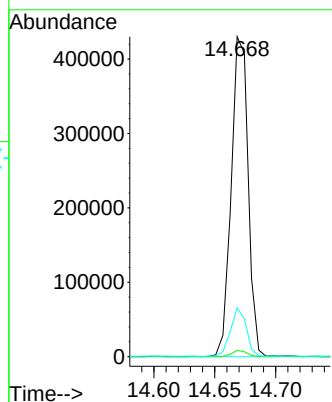
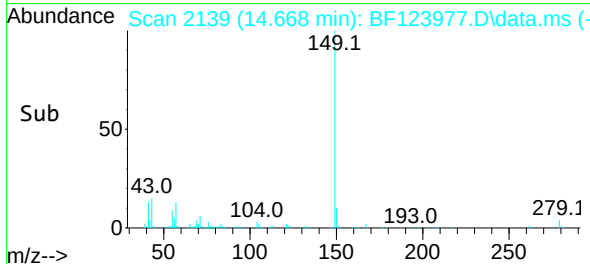




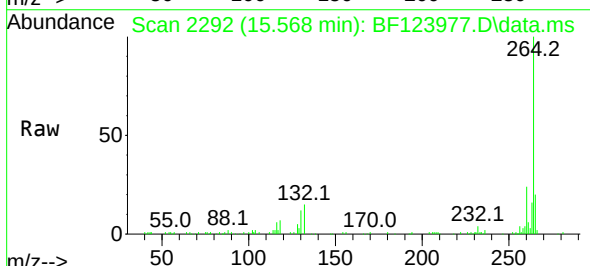
#85  
Di-n-octyl phthalate  
Concen: 37.40 ng  
RT: 14.668 min Scan# 2139  
Delta R.T. 0.000 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12



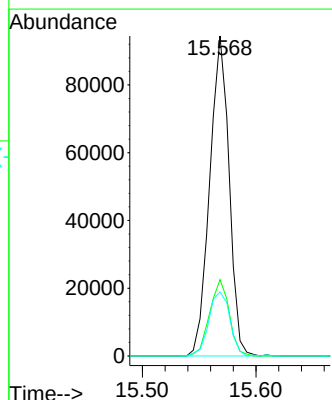
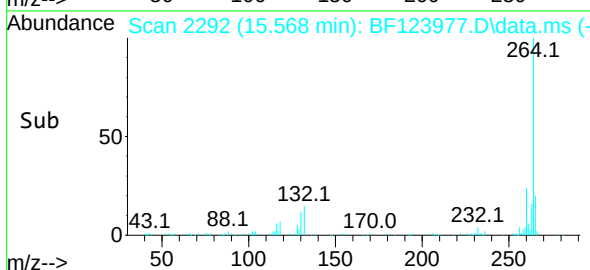
Tgt Ion:149 Resp: 415524  
Ion Ratio Lower Upper  
149 100  
167 1.8 1.2 1.8  
43 14.2 11.8 17.6



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.568 min Scan# 2292  
Delta R.T. 0.018 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12



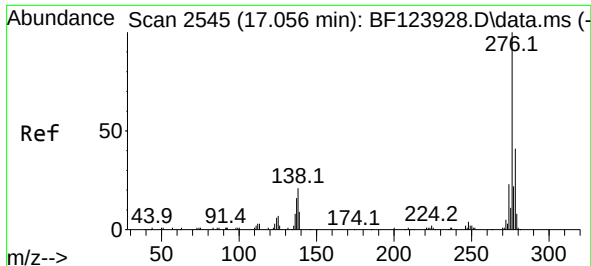
Tgt Ion:264 Resp: 111916  
Ion Ratio Lower Upper  
264 100  
260 23.9 18.7 28.1  
265 20.0 17.8 26.8



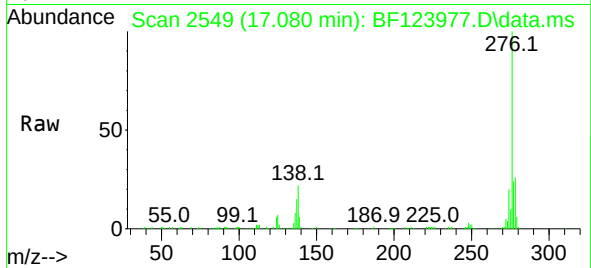
Instrument :  
BNA\_F  
ClientSampleId :  
PB136493BS

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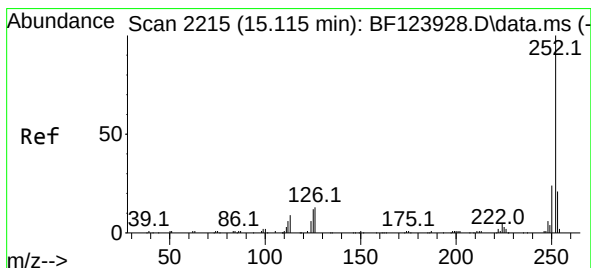
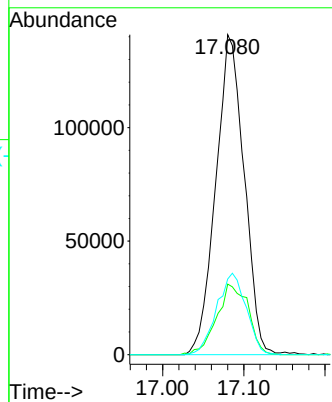
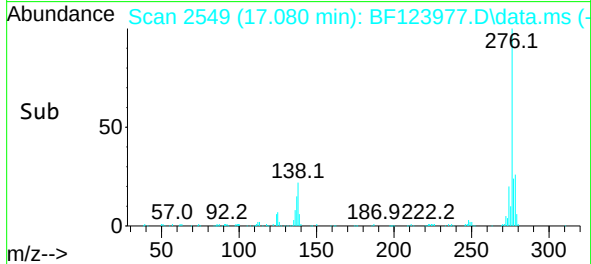
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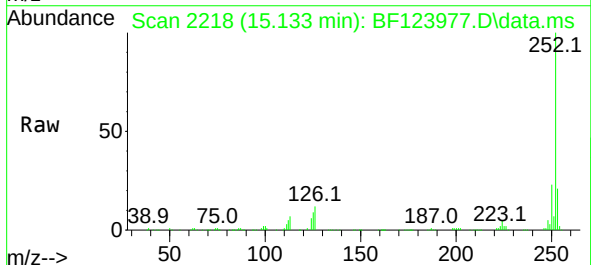
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 39.53 ng  
RT: 17.080 min Scan# 2549  
Delta R.T. 0.024 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12



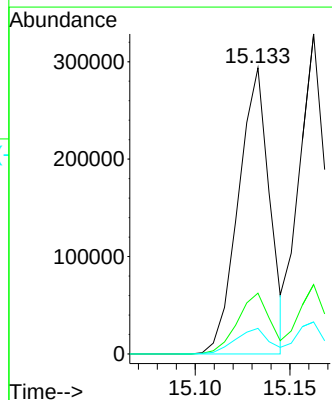
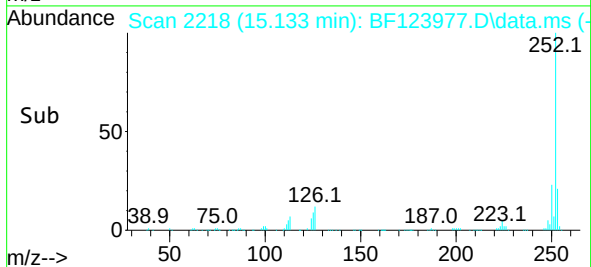
Tgt Ion: 276 Resp: 341661  
Ion Ratio Lower Upper  
276 100  
138 24.5 16.2 24.2#  
277 26.6 20.1 30.1



#88  
Benzo(b)fluoranthene  
Concen: 38.89 ng  
RT: 15.133 min Scan# 2218  
Delta R.T. 0.018 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12



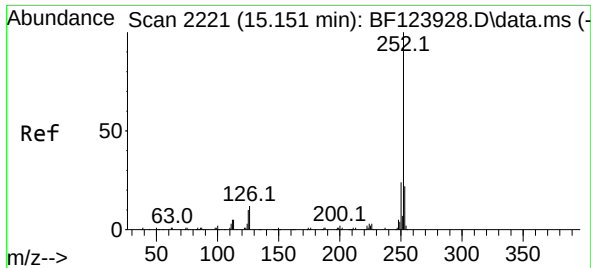
Tgt Ion: 252 Resp: 336668  
Ion Ratio Lower Upper  
252 100  
253 21.3 18.1 27.1  
125 9.0 6.2 9.4



Instrument :  
BNA\_F  
ClientSampleId :  
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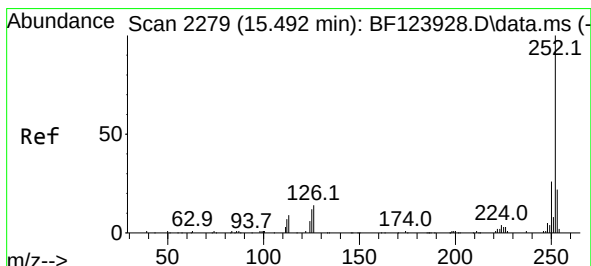
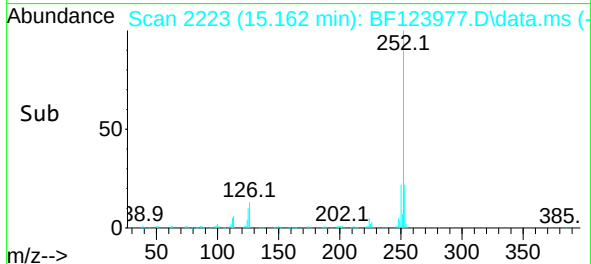
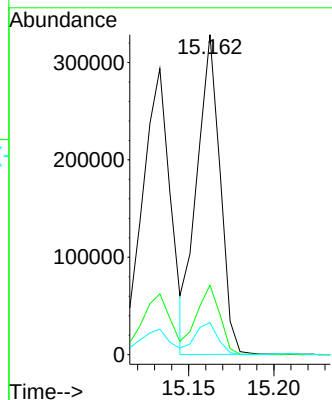
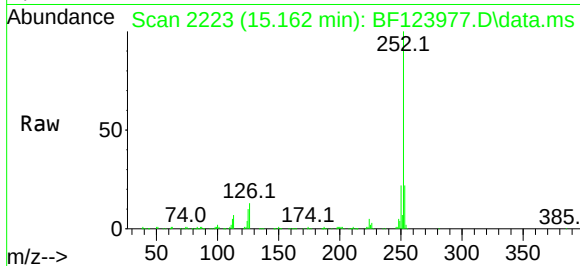
#89  
Benzo(k)fluoranthene  
Concen: 39.29 ng  
RT: 15.162 min Scan# 2223  
Delta R.T. 0.012 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

Tgt Ion:252 Resp: 309972  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.9 26.9  
125 10.0 7.0 10.6

Instrument :  
BNA\_F  
ClientSampleId :  
PB136493BS

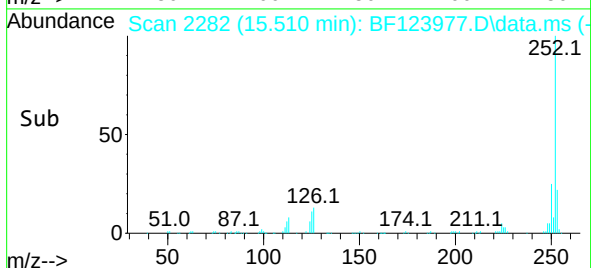
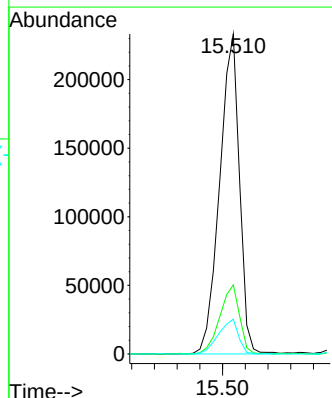
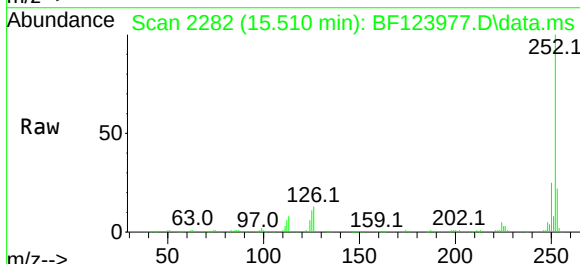
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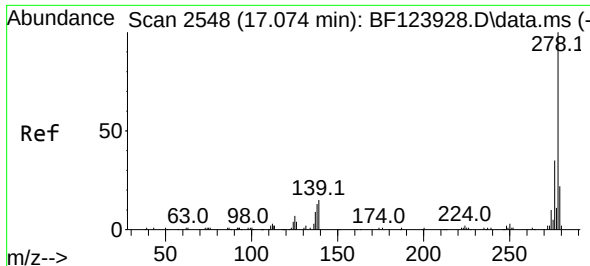


#90  
Benzo(a)pyrene  
Concen: 37.66 ng  
RT: 15.510 min Scan# 2282  
Delta R.T. 0.018 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12

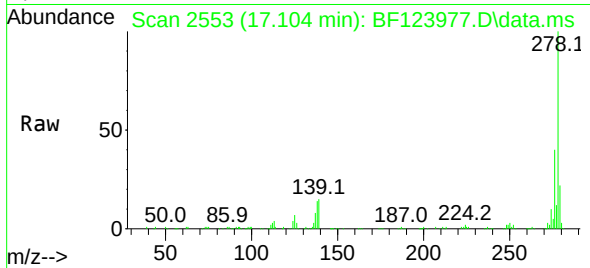
Tgt Ion:252 Resp: 281826  
Ion Ratio Lower Upper  
252 100  
253 21.6 18.4 27.6  
125 10.9 8.0 12.0



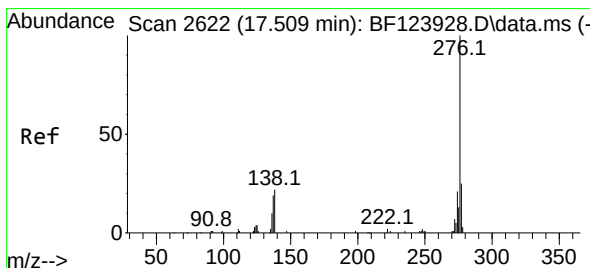
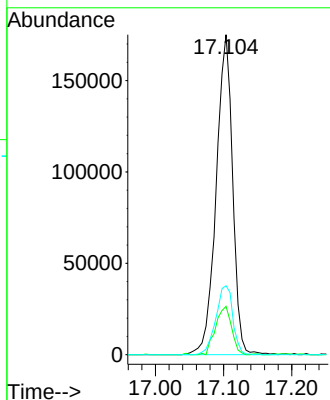
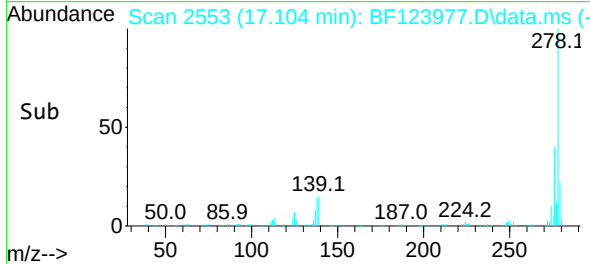




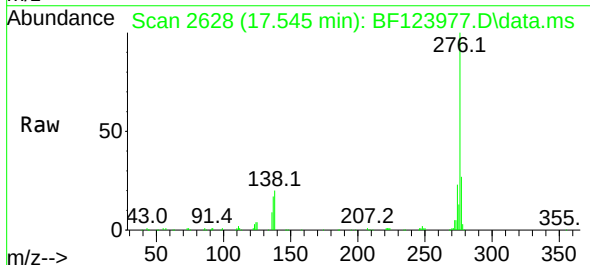
#91  
Dibenzo(a,h)anthracene  
Concen: 40.46 ng  
RT: 17.104 min Scan# 2553  
Delta R.T. 0.029 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12



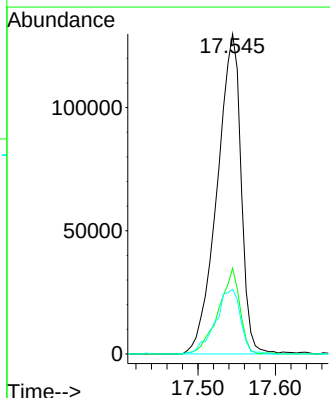
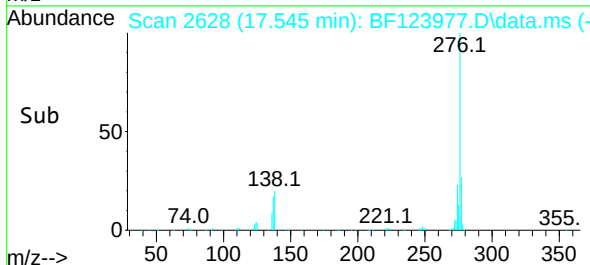
Tgt Ion: 278 Resp: 294503  
Ion Ratio Lower Upper  
278 100  
139 15.1 10.2 15.2  
279 21.6 19.4 29.0



#92  
Benzo(g,h,i)perylene  
Concen: 38.16 ng  
RT: 17.545 min Scan# 2628  
Delta R.T. 0.035 min  
Lab File: BF123977.D  
Acq: 18 May 2021 14:12



Tgt Ion: 276 Resp: 278539  
Ion Ratio Lower Upper  
276 100  
277 26.8 18.2 27.2  
138 20.2 13.8 20.6



Instrument :  
BNA\_F  
ClientSampleId :  
PB136493BS

Manual Integrations  
APPROVED

mohammad  
5/19/2021 11:40:09 AM