

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010821\  
 Data File : BF122945.D  
 Acq On : 8 Jan 2021 17:30  
 Operator : JU/CG  
 Sample : M1044-19MSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-12MSD

Manual Integrations  
 APPROVED

mohammad  
 1/11/2021 10:27:26 AM

Quant Time: Jan 08 17:55:20 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF010721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 08 16:17:19 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.916  | 152  | 179614   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.204  | 136  | 661103   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.963  | 164  | 325561   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.451 | 188  | 537488   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.104 | 240  | 449391   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12              | 15.598 | 264  | 516368   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.539  | 112  | 1184431  | 99.00 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.539  | 99   | 1496336  | 92.16 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.481  | 82   | 874607   | 65.41 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.751 | 330  | 365349   | 99.35 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.280  | 172  | 1508838  | 65.70 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.039 | 244  | 1269756  | 52.35 | ng    | -0.01    |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.763  | 88   | 247815   | 44.34 | ng    | 97       |
| 3) Pyridine                   | 3.522  | 79   | 704895   | 46.38 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.475  | 42   | 308215   | 48.51 | ng    | 99       |
| 6) Aniline                    | 6.575  | 93   | 483242   | 24.96 | ng    | 98       |
| 8) 2-Chlorophenol             | 6.704  | 128  | 669921   | 52.02 | ng    | 96       |
| 9) Benzaldehyde               | 6.463  | 77   | 126675   | 9.55  | ng    | 99       |
| 10) Phenol                    | 6.551  | 94   | 836125   | 52.02 | ng    | 86       |
| 11) bis(2-Chloroethyl)ether   | 6.651  | 93   | 650848   | 50.48 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.863  | 146  | 734000   | 50.02 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.933  | 146  | 741196   | 50.26 | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 7.086  | 146  | 703312   | 50.50 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.057  | 79   | 549641   | 47.98 | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.192  | 45   | 883870   | 43.79 | ng    | 98       |
| 17) 2-Methylphenol            | 7.163  | 107  | 532883   | 49.84 | ng    | 97       |
| 18) Hexachloroethane          | 7.433  | 117  | 261929   | 47.54 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.333  | 70   | 467277   | 47.17 | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.316  | 107  | 670294   | 49.12 | ng    | # 80     |
| 22) Acetophenone              | 7.328  | 105  | 876851   | 50.23 | ng    | # 93     |
| 24) Nitrobenzene              | 7.498  | 77   | 676196   | 50.52 | ng    | 99       |
| 25) Isophorone                | 7.739  | 82   | 1213310  | 50.60 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.816  | 139  | 311926   | 52.81 | ng    | 94       |
| 27) 2,4-Dimethylphenol        | 7.845  | 122  | 601974   | 57.37 | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.945  | 93   | 786876   | 48.43 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.057  | 162  | 533363   | 50.25 | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 8.145  | 180  | 607825   | 50.02 | ng    | 99       |
| 31) Naphthalene               | 8.228  | 128  | 1812029  | 50.38 | ng    | 99       |
| 32) Benzoic acid              | 7.963  | 122  | 366124   | 46.54 | ng    | 96       |
| 33) 4-Chloroaniline           | 8.263  | 127  | 146038   | 9.36  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.345  | 225  | 354714   | 50.12 | ng    | 99       |
| 35) Caprolactam               | 8.633  | 113  | 163514m  | 45.91 | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.745  | 107  | 524902   | 48.09 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.916  | 142  | 1234447  | 49.93 | ng    | 97       |
| 38) 1-Methylnaphthalene       | 9.016  | 142  | 1136811  | 48.56 | ng    | 96       |
| 40) 1,2,4,5-Tetrachloroben... | 9.086  | 216  | 579234   | 55.81 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.075  | 237  | 549564   | 98.99 | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 9.192  | 196  | 387694   | 52.75 | ng    | 95       |

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Manual Integrations  
 APPROVED

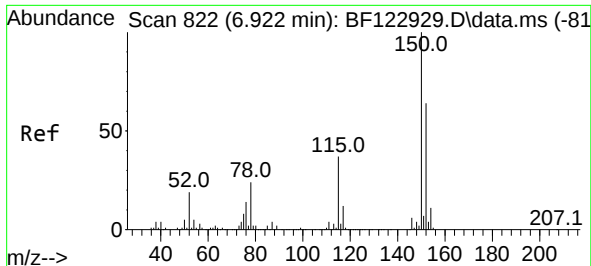
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 1/11/2021 10:27:26 AM

Quant Time: Jan 08 17:55:20 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF010721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.227  | 196  | 389224   | 53.54  | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.380  | 154  | 1424723  | 54.47  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.410  | 162  | 1088323  | 51.23  | ng    | 95       |
| 48) 2-Nitroaniline            | 9.498  | 65   | 295241   | 46.20  | ng    | 93       |
| 49) Acenaphthylene            | 9.827  | 152  | 1619819  | 51.57  | ng    | 99       |
| 50) Dimethylphthalate         | 9.680  | 163  | 1322536  | 54.62  | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 9.739  | 165  | 280265   | 54.11  | ng    | 94       |
| 52) Acenaphthene              | 9.998  | 154  | 1095937  | 53.07  | ng    | 99       |
| 53) 3-Nitroaniline            | 9.904  | 138  | 123218   | 20.25  | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 10.010 | 184  | 172072   | 91.70  | ng    | 92       |
| 55) Dibenzofuran              | 10.169 | 168  | 1509926  | 51.60  | ng    | 98       |
| 56) 4-Nitrophenol             | 10.063 | 139  | 434010   | 94.16  | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.145 | 165  | 357173   | 53.92  | ng    | 94       |
| 58) Fluorene                  | 10.516 | 166  | 1163915  | 48.98  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.280 | 232  | 316936   | 50.16  | ng    | 98       |
| 60) Diethylphthalate          | 10.386 | 149  | 1186807  | 49.02  | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.504 | 204  | 574384   | 49.92  | ng    | 93       |
| 62) 4-Nitroaniline            | 10.521 | 138  | 226758   | 37.95  | ng    | 95       |
| 63) Azobenzene                | 10.663 | 77   | 1128640  | 47.31  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.551 | 198  | 127609   | 52.45  | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 10.621 | 169  | 1011436  | 55.87  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.998 | 248  | 358177   | 55.13  | ng    | # 91     |
| 68) Hexachlorobenzene         | 11.063 | 284  | 369485   | 52.94  | ng    | 98       |
| 69) Atrazine                  | 11.145 | 200  | 274221   | 47.30  | ng    | 99       |
| 70) Pentachlorophenol         | 11.251 | 266  | 438017   | 103.68 | ng    | 99       |
| 71) Phenanthrene              | 11.480 | 178  | 1690571  | 55.51  | ng    | 98       |
| 72) Anthracene                | 11.533 | 178  | 1642762  | 54.40  | ng    | 99       |
| 73) Carbazole                 | 11.680 | 167  | 1411516  | 50.39  | ng    | 99       |
| 74) Di-n-butylphthalate       | 12.015 | 149  | 1641909  | 49.06  | ng    | 99       |
| 75) Fluoranthene              | 12.674 | 202  | 1813480  | 55.95  | ng    | 98       |
| 77) Benzidine                 | 12.786 | 184  | 653675   | 50.95  | ng    | 99       |
| 78) Pyrene                    | 12.904 | 202  | 1858393  | 53.20  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.521 | 149  | 666050   | 43.77  | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.092 | 228  | 1658624  | 55.00  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.051 | 252  | 426646   | 42.56  | ng    | # 98     |
| 83) Chrysene                  | 14.133 | 228  | 1605481  | 55.23  | ng    | 96       |
| 84) Bis(2-ethylhexyl)phtha... | 14.086 | 149  | 911869   | 45.63  | ng    | 96       |
| 85) Di-n-octyl phthalate      | 14.704 | 149  | 1669787  | 49.36  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.121 | 276  | 2200666  | 65.94  | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.162 | 252  | 1916413  | 52.80  | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.192 | 252  | 1726434  | 51.65  | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.539 | 252  | 1739557  | 54.54  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 17.145 | 278  | 1750861  | 63.96  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.580 | 276  | 1839548  | 70.58  | ng    | 98       |

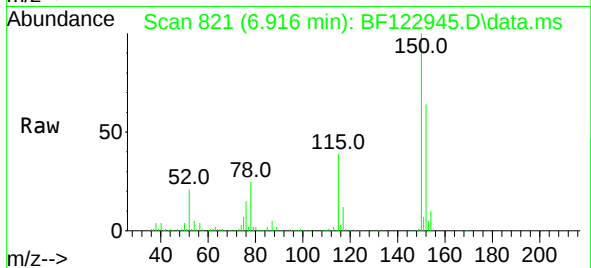
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.916 min Scan# 821  
Delta R.T. -0.006 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

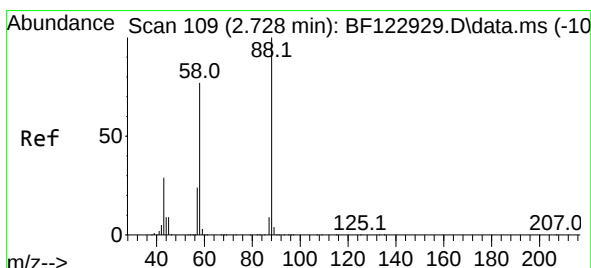
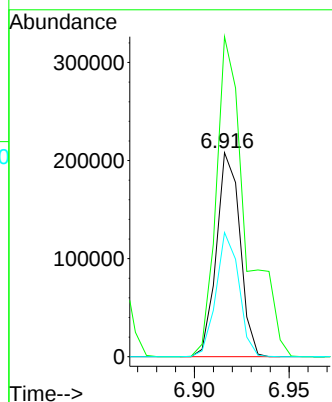
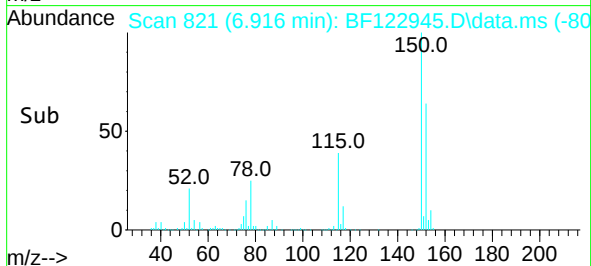
Instrument :  
BNA\_F  
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TP-12MSD



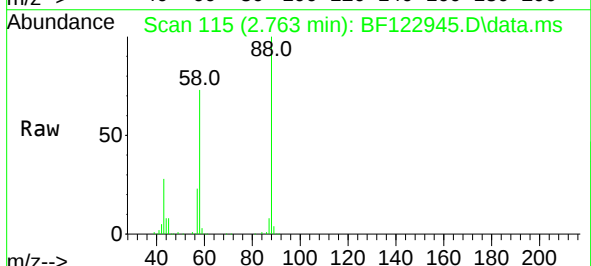
Tgt Ion:152 Resp: 179614  
Ion Ratio Lower Upper  
152 100  
150 156.9 125.8 188.6  
115 60.9 49.3 73.9

Manual Integrations  
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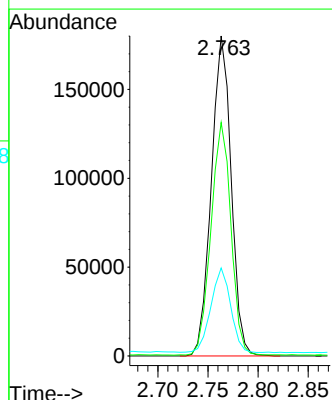
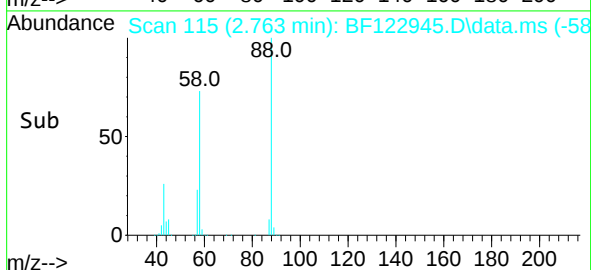
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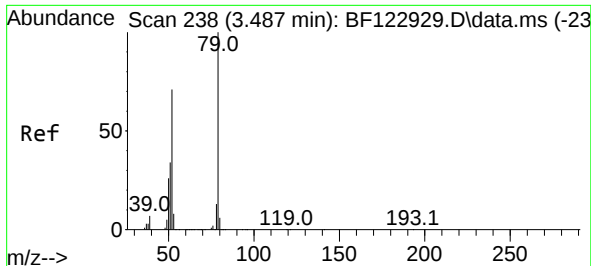


#2  
1,4-Dioxane  
Concen: 44.34 ng  
RT: 2.763 min Scan# 115  
Delta R.T. 0.035 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30



Tgt Ion: 88 Resp: 247815  
Ion Ratio Lower Upper  
88 100  
58 73.2 56.2 84.2  
43 26.1 21.8 32.6





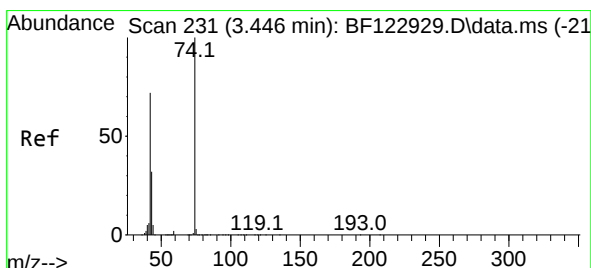
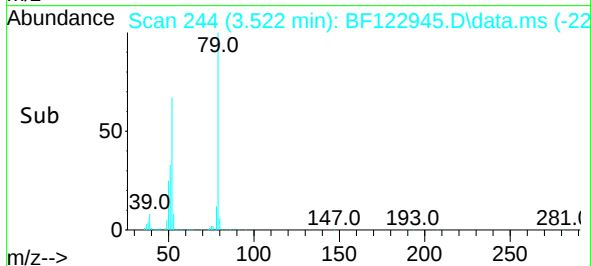
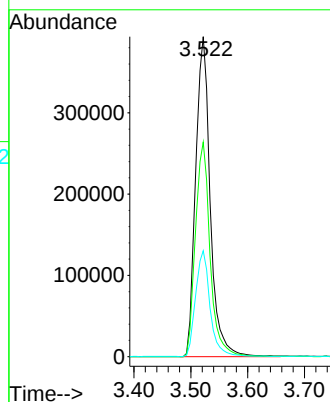
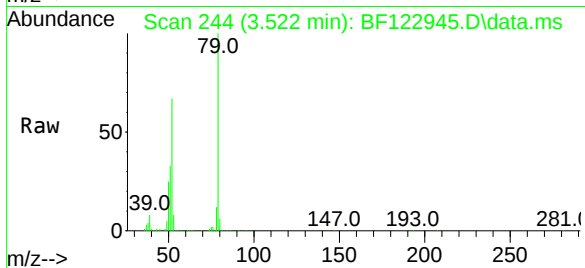
#3  
Pyridine  
Concen: 46.38 ng  
RT: 3.522 min Scan# 244  
Delta R.T. 0.035 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

Tgt Ion: 79 Resp: 704895  
Ion Ratio Lower Upper  
79 100  
52 67.0 53.0 79.4  
51 33.1 26.6 39.8

Instrument :  
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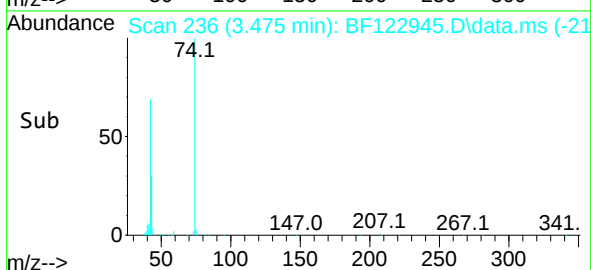
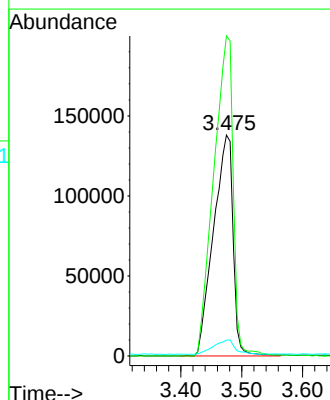
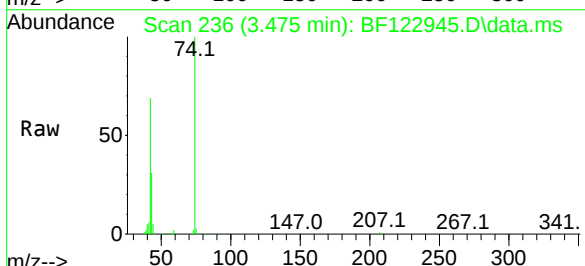
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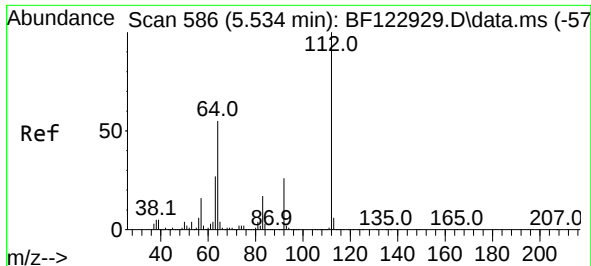
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1/11/2021 10:27:26 AM



#4  
n-Nitrosodimethylamine  
Concen: 48.51 ng  
RT: 3.475 min Scan# 236  
Delta R.T. 0.029 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

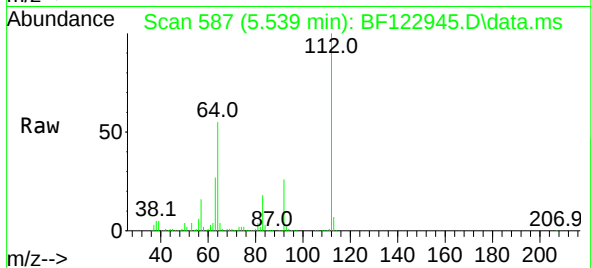
Tgt Ion: 42 Resp: 308215  
Ion Ratio Lower Upper  
42 100  
74 144.8 115.2 172.8  
44 7.2 5.4 8.0





#5  
2-Fluorophenol  
Concen: 99.00 ng  
RT: 5.539 min Scan# 587  
Delta R.T. 0.005 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

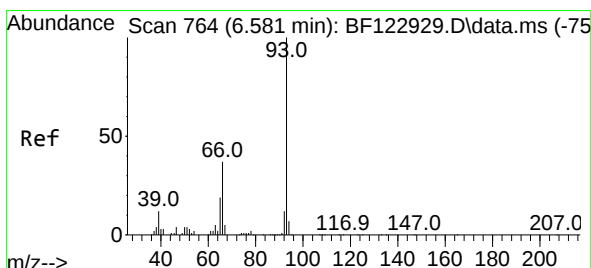
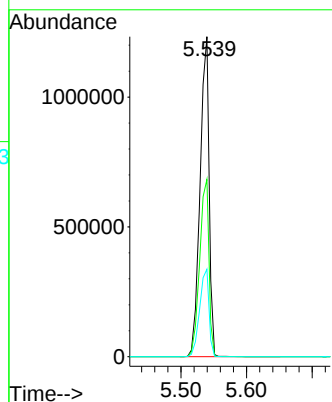
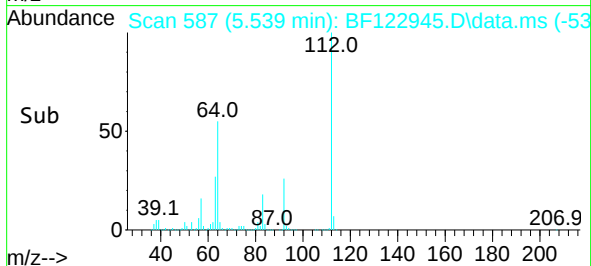
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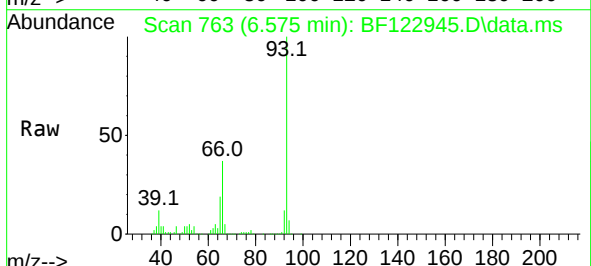
Tgt Ion:112 Resp: 1184431  
Ion Ratio Lower Upper  
112 100  
64 55.4 46.9 70.3  
63 27.3 24.5 36.7

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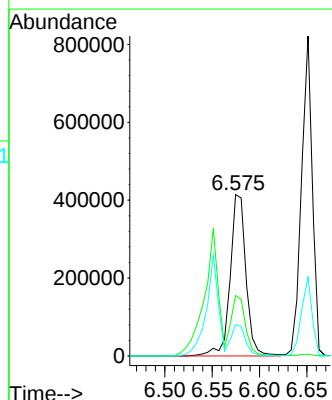
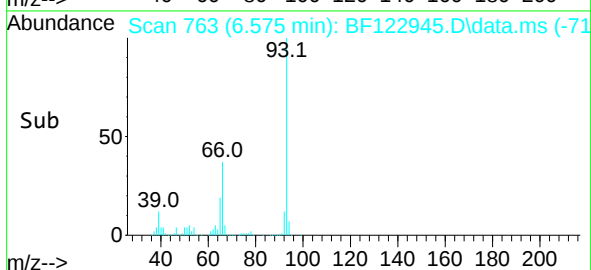
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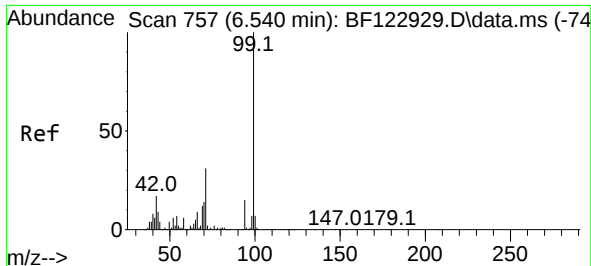


#6  
Aniline  
Concen: 24.96 ng  
RT: 6.575 min Scan# 763  
Delta R.T. -0.006 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30



Tgt Ion: 93 Resp: 483242  
Ion Ratio Lower Upper  
93 100  
66 37.5 31.3 46.9  
65 19.4 15.6 23.4





#7  
Phenol-d6  
Concen: 92.16 ng  
RT: 6.539 min Scan# 757  
Delta R.T. -0.001 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

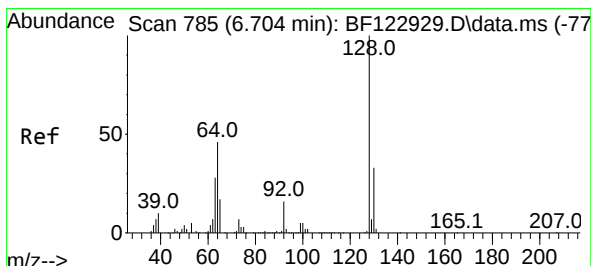
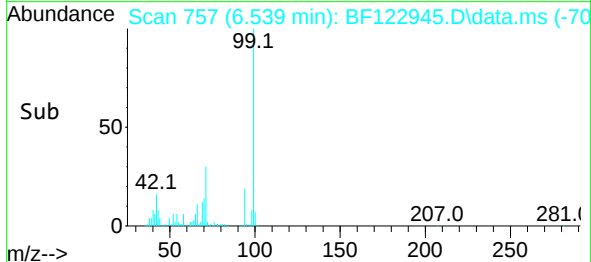
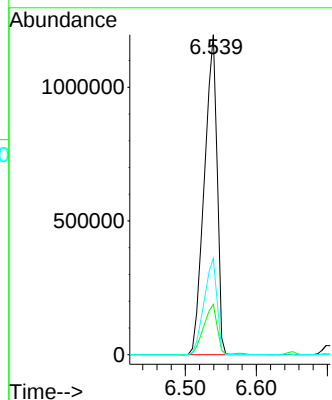
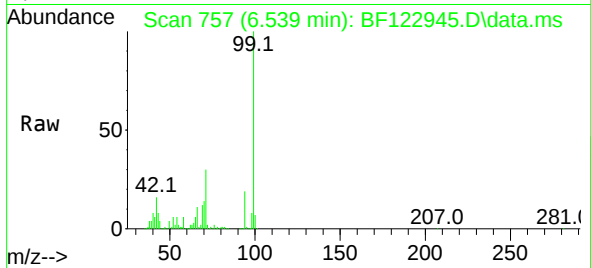
Tgt Ion: 99 Resp: 1496336

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 15.8  | 13.8  | 20.6  |
| 71  | 30.0  | 26.9  | 40.3  |

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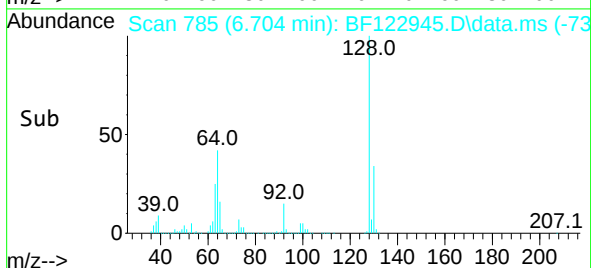
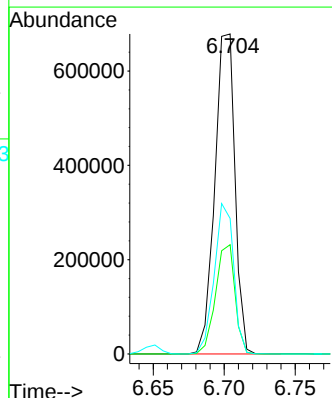
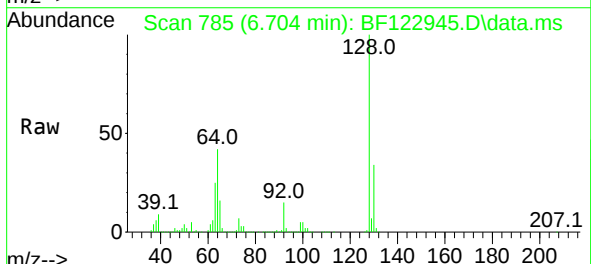
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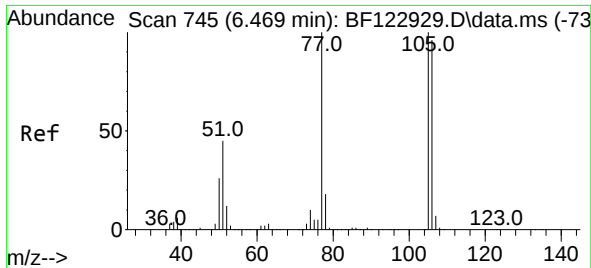


#8  
2-Chlorophenol  
Concen: 52.02 ng  
RT: 6.704 min Scan# 785  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

Tgt Ion: 128 Resp: 669921

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 34.2  | 12.3  | 52.3  |
| 64  | 42.4  | 25.5  | 65.5  |





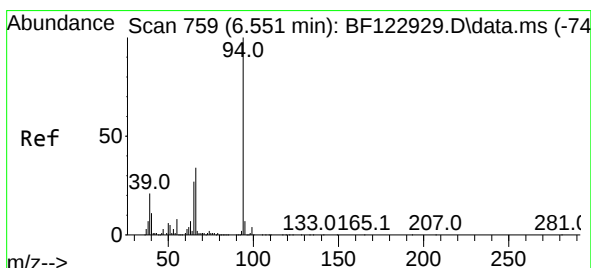
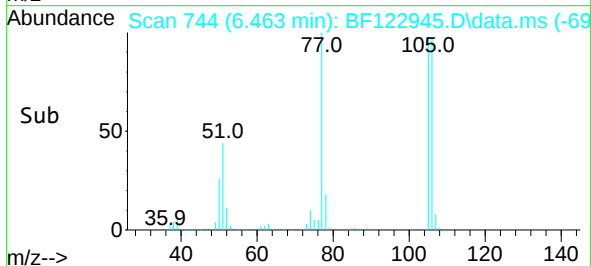
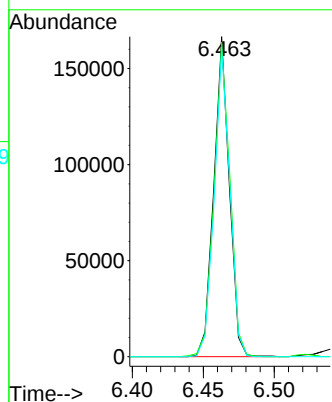
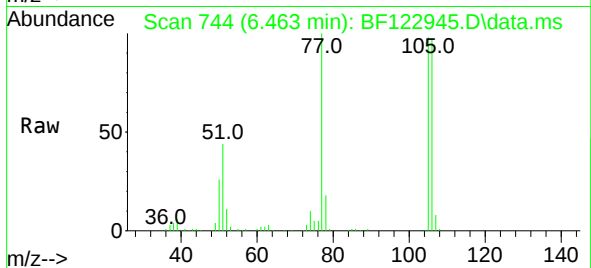
#9  
Benzaldehyde  
Concen: 9.55 ng  
RT: 6.463 min Scan# 744  
Delta R.T. -0.006 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

Instrument :  
BNA\_F  
ClientSampled :  
TP-12MSD

Tgt Ion: 77 Resp: 126675  
Ion Ratio Lower Upper  
77 100  
105 98.3 80.6 120.6  
106 96.7 77.2 117.2

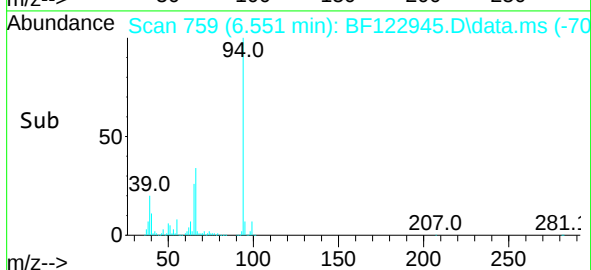
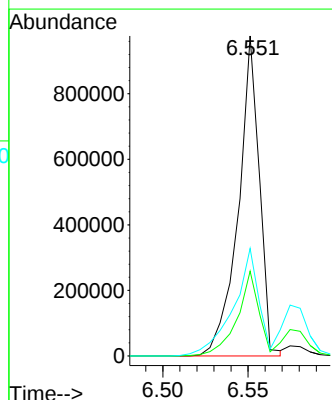
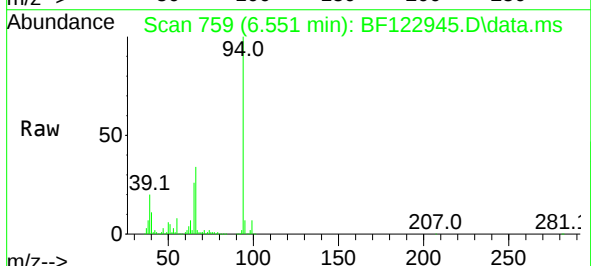
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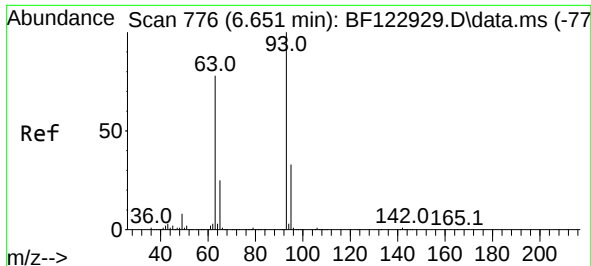
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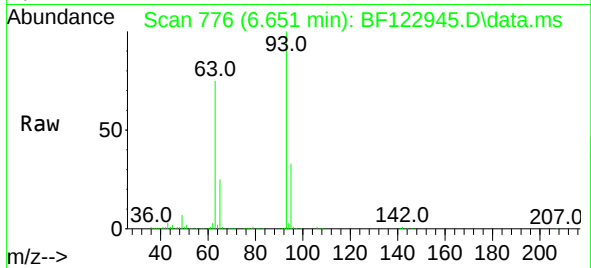
#10  
Phenol  
Concen: 52.02 ng  
RT: 6.551 min Scan# 759  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

Tgt Ion: 94 Resp: 836125  
Ion Ratio Lower Upper  
94 100  
65 26.5 11.2 51.2  
66 33.6 25.8 65.8

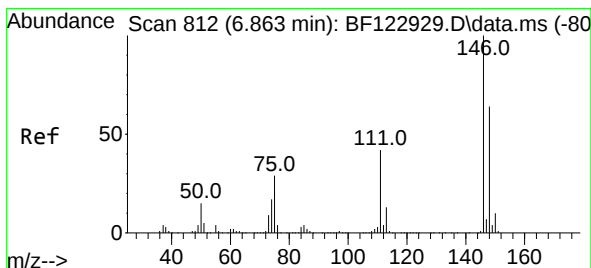
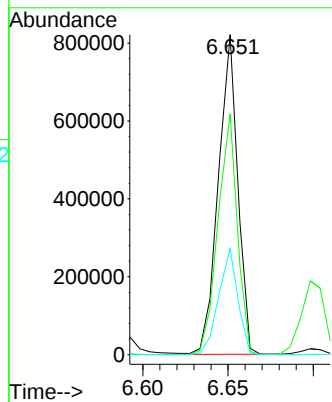
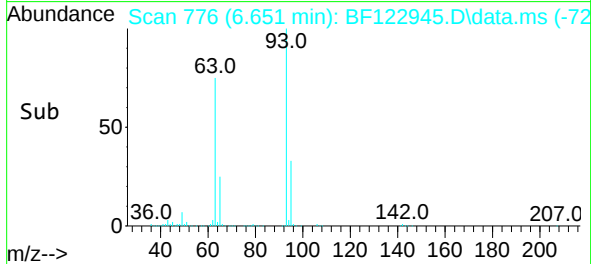




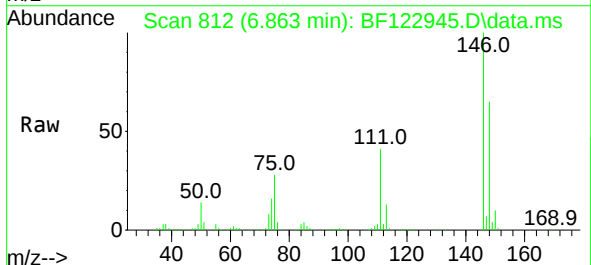
#11  
bis(2-Chloroethyl)ether  
Concen: 50.48 ng  
RT: 6.651 min Scan# 776  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30



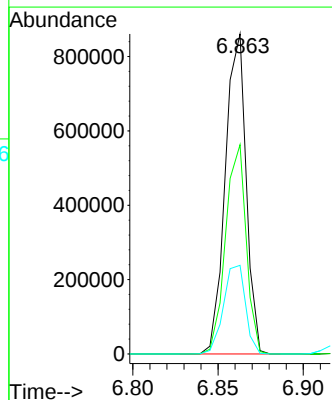
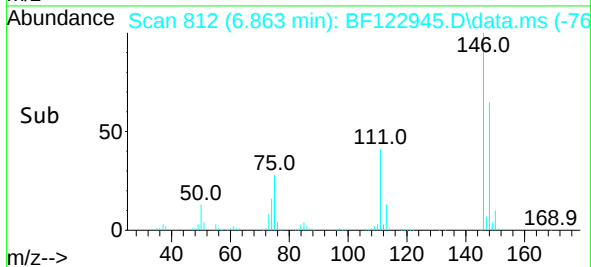
Tgt Ion: 93 Resp: 650848  
Ion Ratio Lower Upper  
93 100  
63 75.2 52.6 92.6  
95 33.1 12.6 52.6



#12  
1,3-Dichlorobenzene  
Concen: 50.02 ng  
RT: 6.863 min Scan# 812  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30



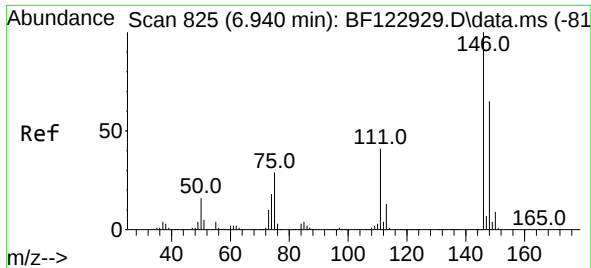
Tgt Ion: 146 Resp: 734000  
Ion Ratio Lower Upper  
146 100  
148 65.4 51.8 77.8  
75 27.7 22.5 33.7



Instrument :  
BNA\_F  
ClientSampleId :  
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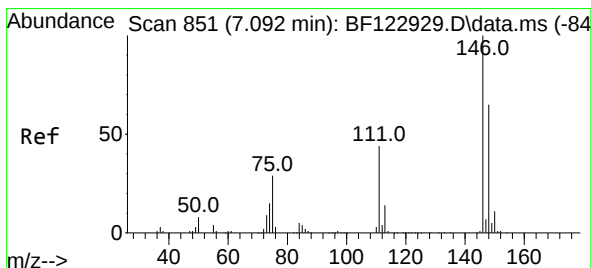
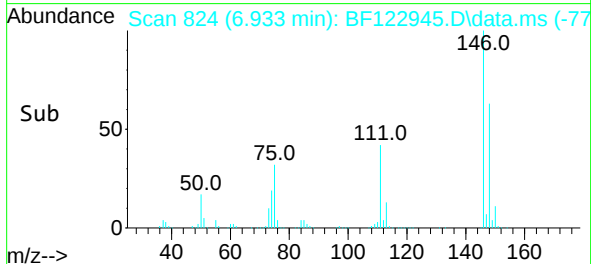
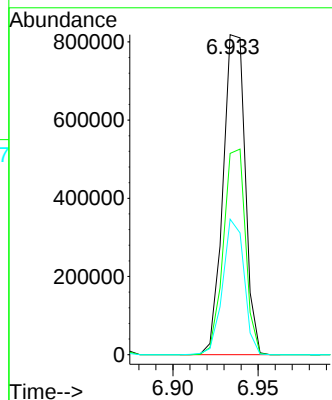
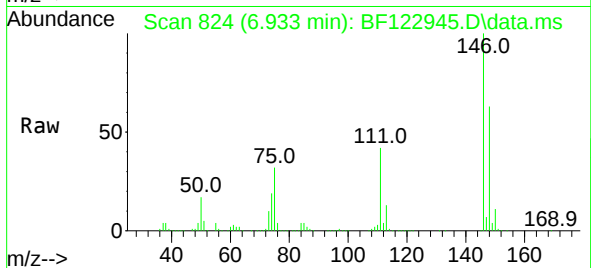
#13  
1,4-Dichlorobenzene  
Concen: 50.26 ng  
RT: 6.933 min Scan# 824  
Delta R.T. -0.006 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

Tgt Ion:146 Resp: 741196  
Ion Ratio Lower Upper  
146 100  
148 62.9 52.0 78.0  
111 42.4 32.3 48.5

Instrument :  
BNA\_F  
ClientSampleId :  
TP-12MSD

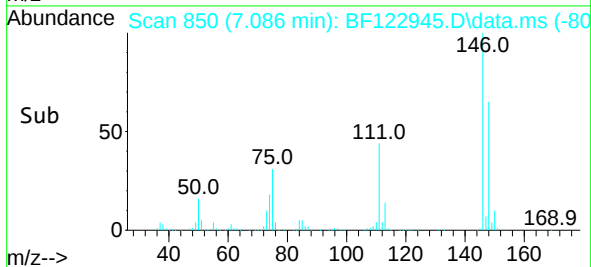
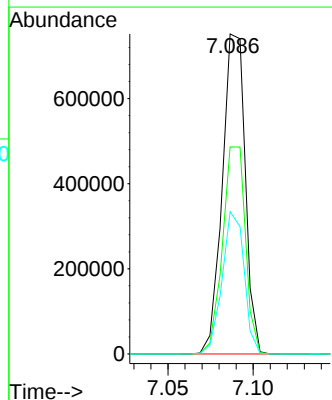
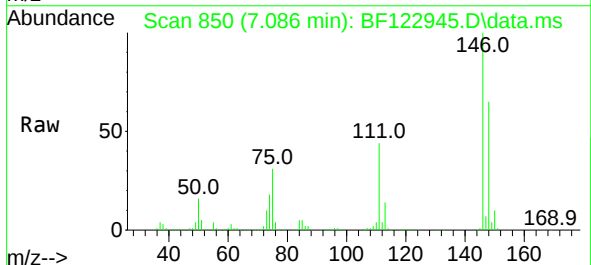
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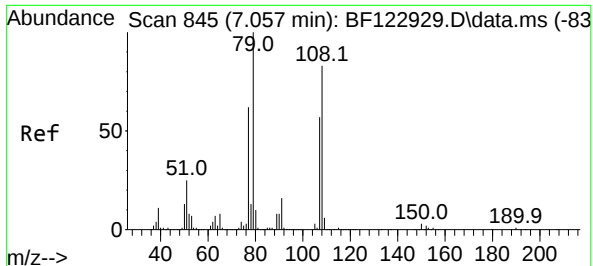
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#14  
1,2-Dichlorobenzene  
Concen: 50.50 ng  
RT: 7.086 min Scan# 850  
Delta R.T. -0.006 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

Tgt Ion:146 Resp: 703312  
Ion Ratio Lower Upper  
146 100  
148 64.7 51.5 77.3  
111 44.4 34.2 51.2





#15

Benzyl Alcohol

Concen: 47.98 ng

RT: 7.057 min Scan# 845

Delta R.T. -0.000 min

Lab File: BF122945.D

Acq: 8 Jan 2021 17:30

Tgt Ion: 79 Resp: 549641

Ion Ratio Lower Upper

79 100

108 83.8 62.4 93.6

77 63.2 49.0 73.6

Instrument :

BNA\_F

ClientSampleId :

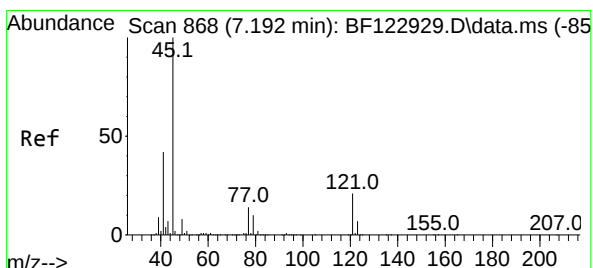
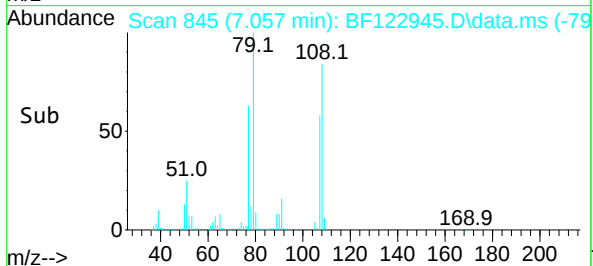
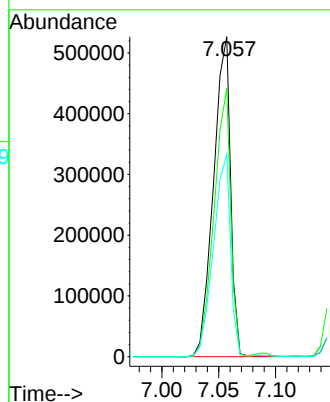
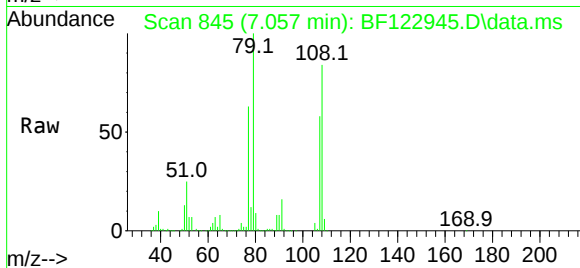
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.79 ng

RT: 7.192 min Scan# 868

Delta R.T. -0.000 min

Lab File: BF122945.D

Acq: 8 Jan 2021 17:30

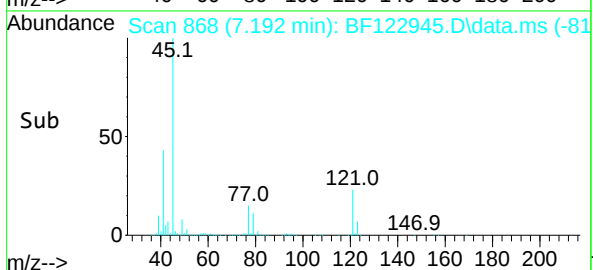
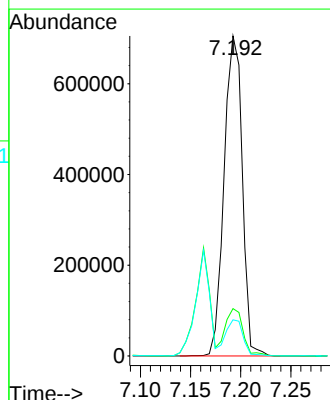
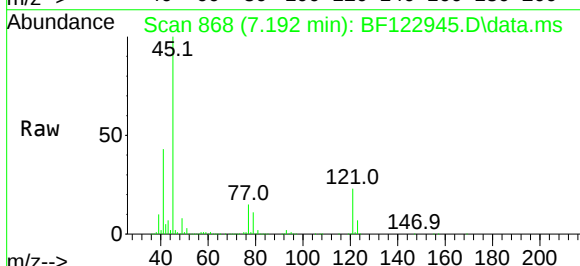
Tgt Ion: 45 Resp: 883870

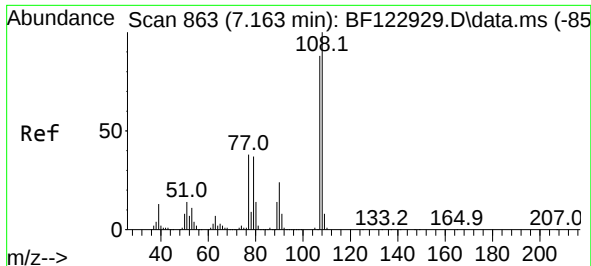
Ion Ratio Lower Upper

45 100

77 14.8 0.0 35.6

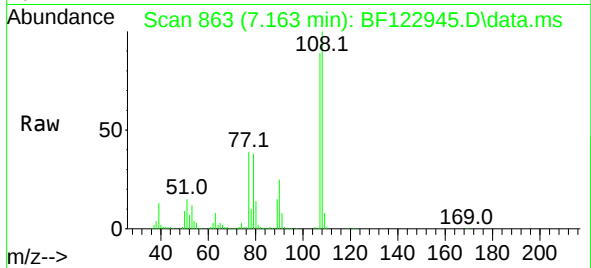
79 11.3 0.0 32.4





#17  
2-Methylphenol  
Concen: 49.84 ng  
RT: 7.163 min Scan# 863  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

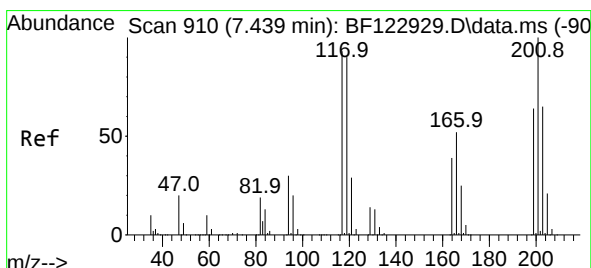
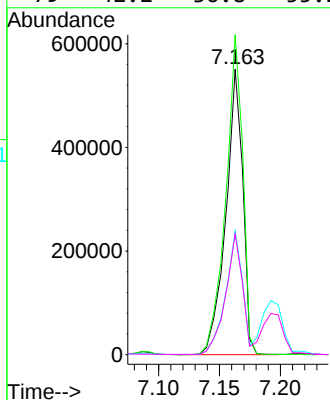
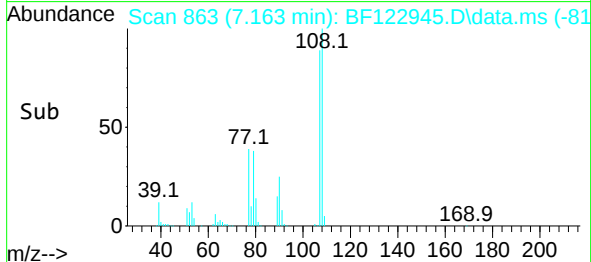
Instrument :  
BNA\_F  
ClientSampleId :  
TP-12MSD



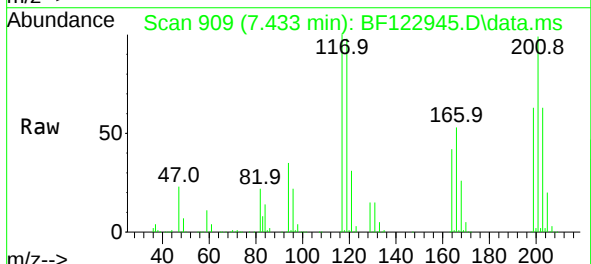
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 112.1 | 91.1  | 136.7 |
| 77      | 43.3  | 36.3  | 54.5  |
| 79      | 42.2  | 36.8  | 55.2  |

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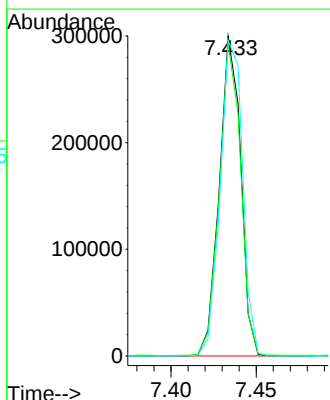
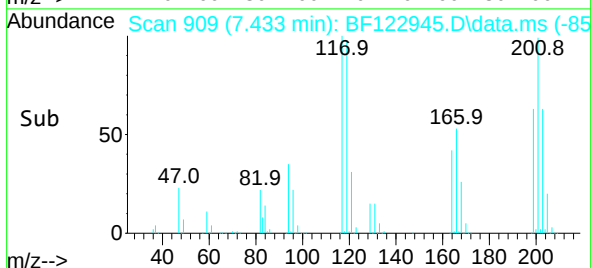
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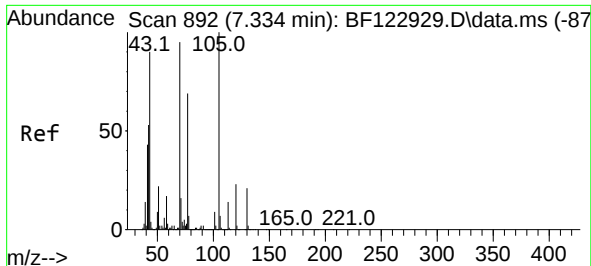


#18  
Hexachloroethane  
Concen: 47.54 ng  
RT: 7.433 min Scan# 909  
Delta R.T. -0.006 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

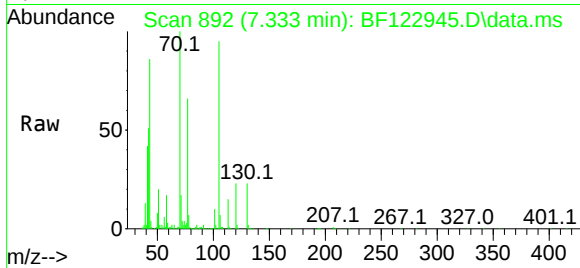


| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 97.6  | 78.4  | 117.6 |
| 201     | 98.7  | 79.6  | 119.4 |

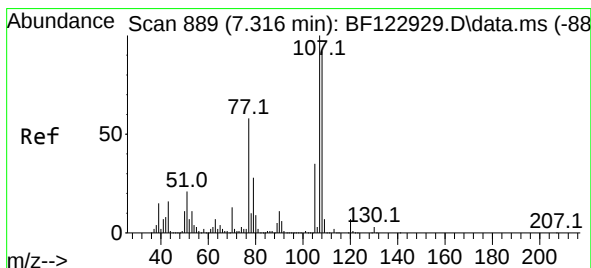
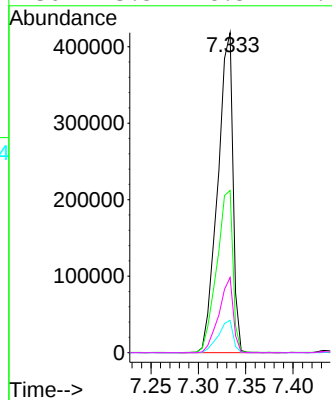
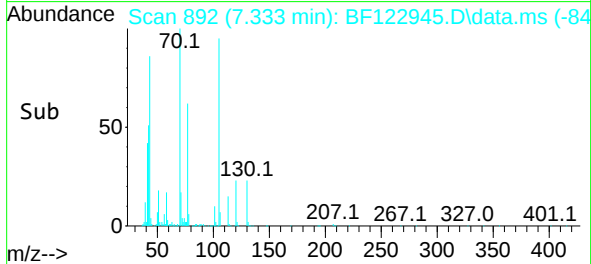




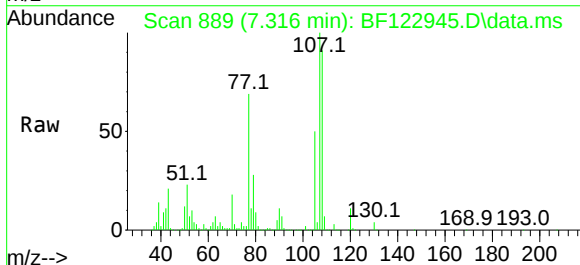
#19  
n-Nitroso-di-n-propylamine  
Concen: 47.17 ng  
RT: 7.333 min Scan# 892  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30



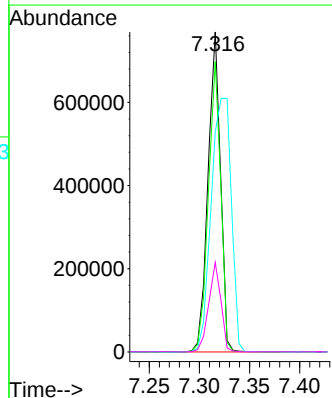
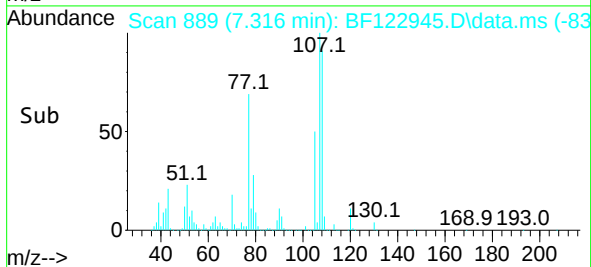
Tgt Ion: 70 Resp: 467277  
Ion Ratio Lower Upper  
70 100  
42 50.7 43.0 64.4  
101 10.1 7.9 11.9  
130 23.5 18.5 27.7



#20  
3+4-Methylphenols  
Concen: 49.12 ng  
RT: 7.316 min Scan# 889  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30



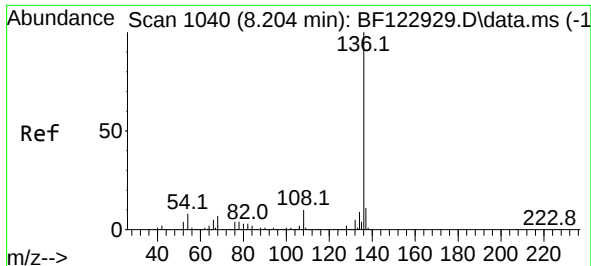
Tgt Ion: 107 Resp: 670294  
Ion Ratio Lower Upper  
107 100  
108 90.7 68.7 108.7  
77 68.8 89.8 129.8#  
79 28.0 9.8 49.8



Instrument :  
BNA\_F  
ClientSampleId :  
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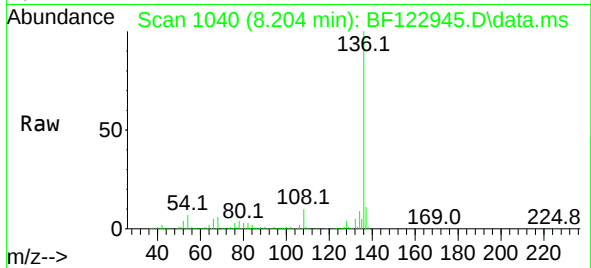
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#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.204 min Scan# 1040  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

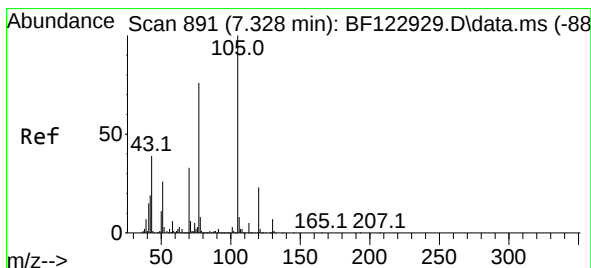
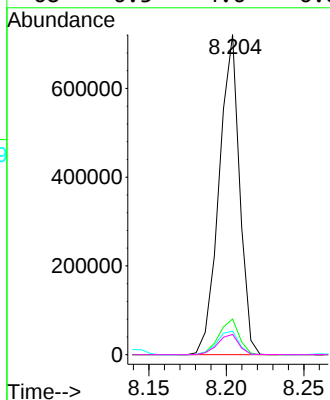
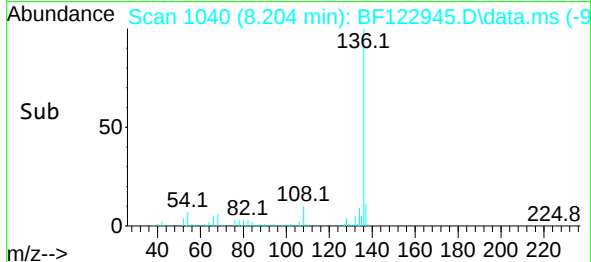
Instrument :  
BNA\_F  
ClientSampleId :  
TP-12MSD



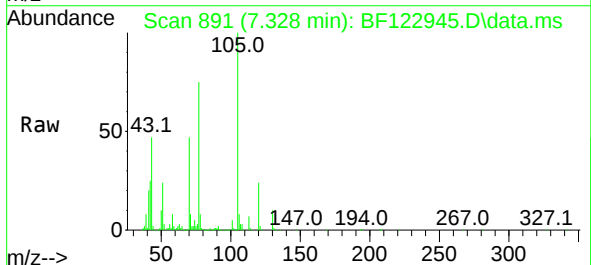
Tgt Ion:136 Resp: 661103  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.8 13.2  
54 7.4 5.5 8.3  
68 6.3 4.6 6.8

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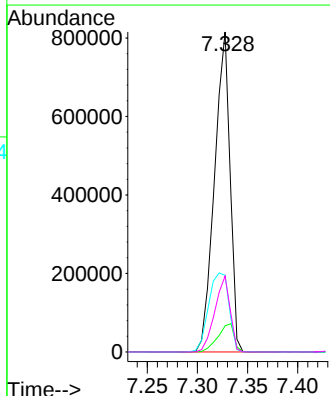
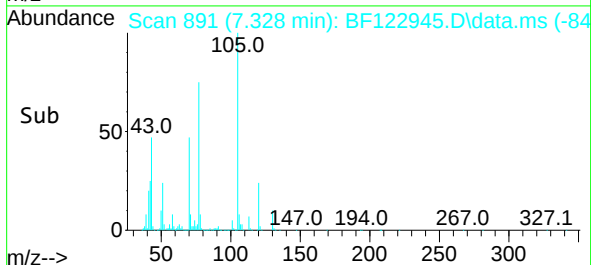
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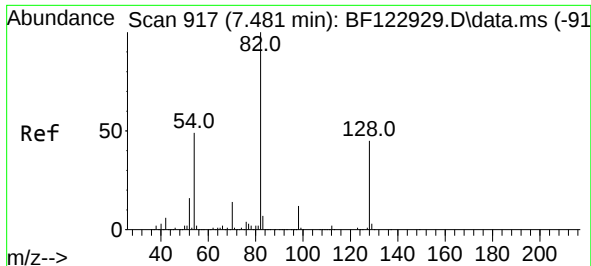


#22  
Acetophenone  
Concen: 50.23 ng  
RT: 7.328 min Scan# 891  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30



Tgt Ion:105 Resp: 876851  
Ion Ratio Lower Upper  
105 100  
71 8.2 6.5 9.7  
51 24.0 24.3 36.5#  
120 23.7 18.1 27.1





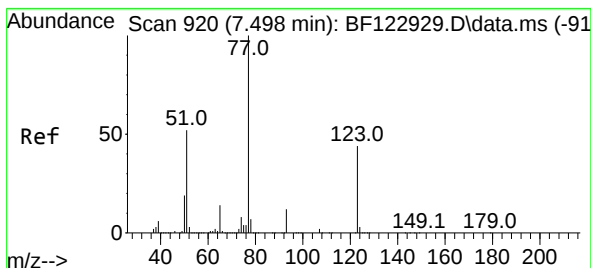
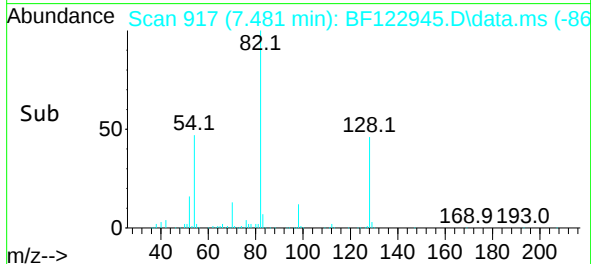
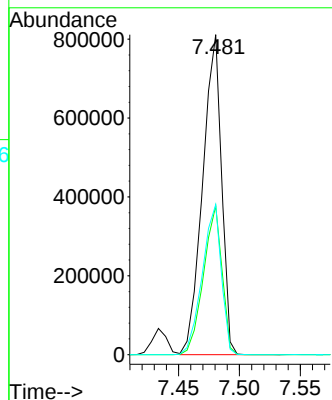
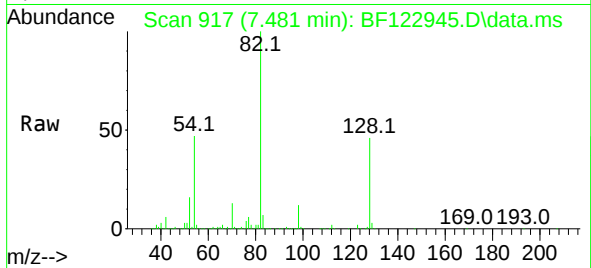
#23  
Nitrobenzene-d5  
Concen: 65.41 ng  
RT: 7.481 min Scan# 917  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

Tgt Ion: 82 Resp: 874607  
Ion Ratio Lower Upper  
82 100  
128 46.5 37.0 55.4  
54 46.9 38.4 57.6

Instrument :  
BNA\_F  
ClientSampled :  
TP-12MSD

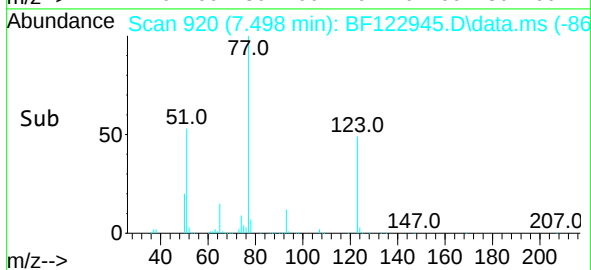
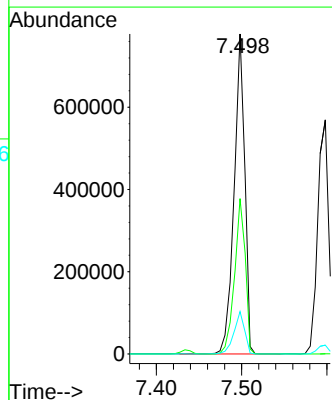
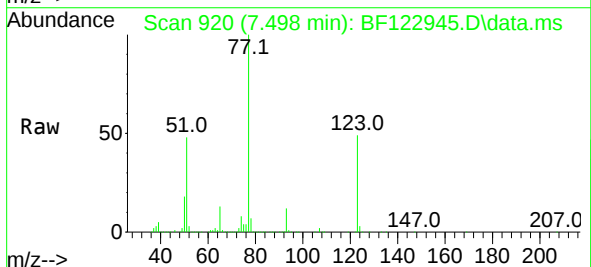
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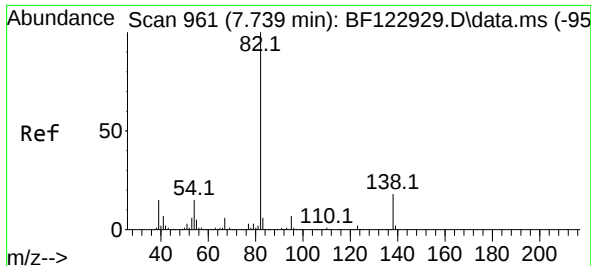
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#24  
Nitrobenzene  
Concen: 50.52 ng  
RT: 7.498 min Scan# 920  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

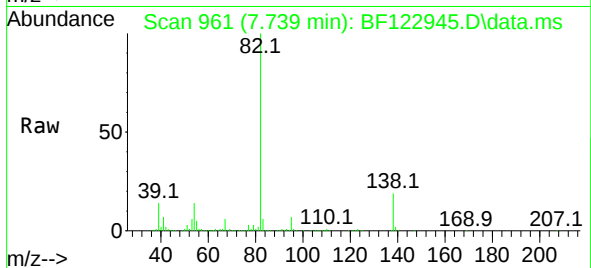
Tgt Ion: 77 Resp: 676196  
Ion Ratio Lower Upper  
77 100  
123 48.5 39.3 58.9  
65 13.2 10.6 15.8



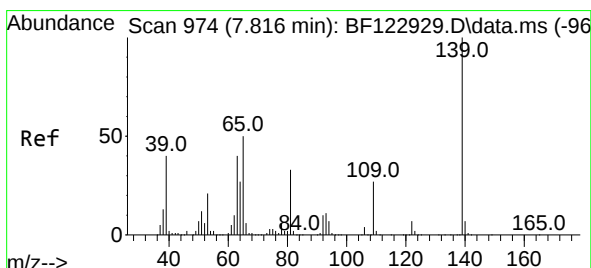
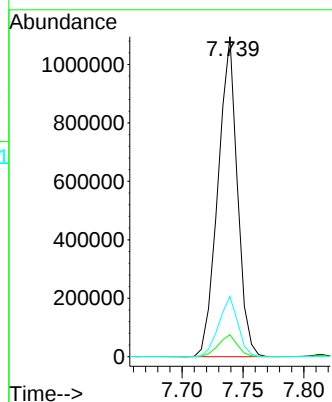
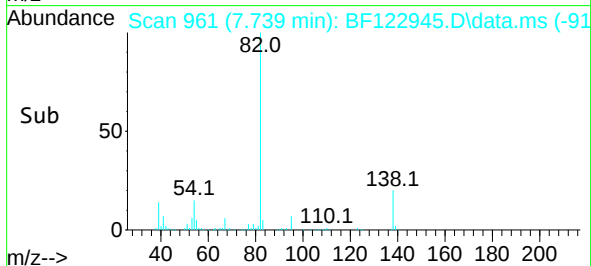


#25  
Isophorone  
Concen: 50.60 ng  
RT: 7.739 min Scan# 961  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
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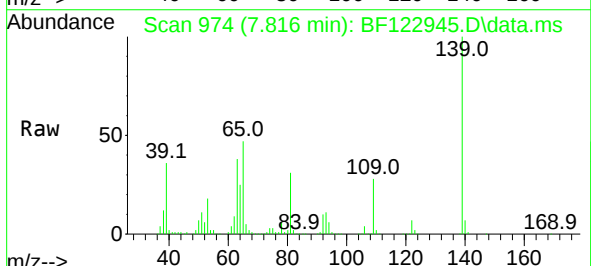
Instrument :  
BNA\_F  
ClientSampleId :  
TP-12MSD



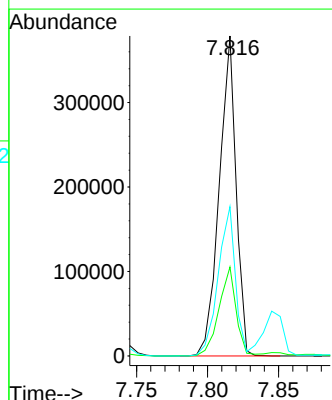
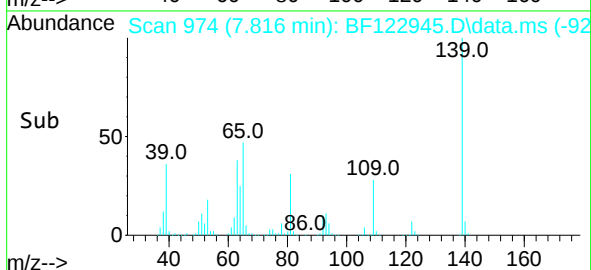
Tgt Ion: 82 Resp: 1213310  
Ion Ratio Lower Upper  
82 100  
95 6.9 5.8 8.6  
138 18.8 14.6 21.8

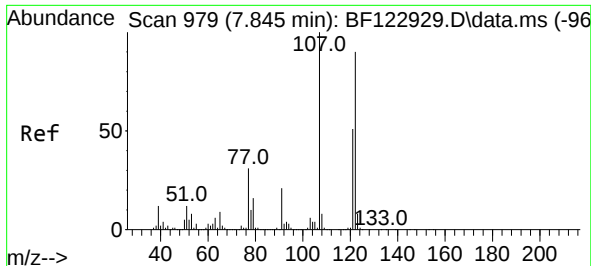


#26  
2-Nitrophenol  
Concen: 52.81 ng  
RT: 7.816 min Scan# 974  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30



Tgt Ion: 139 Resp: 311926  
Ion Ratio Lower Upper  
139 100  
109 27.8 24.0 36.0  
65 46.7 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 57.37 ng

RT: 7.845 min Scan# 979

Delta R.T. -0.000 min

Lab File: BF122945.D

Acq: 8 Jan 2021 17:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 122   | Resp: | 601974 |
| Ion      | Ratio | Lower | Upper  |
| 122      | 100   |       |        |
| 107      | 110.4 | 91.8  | 137.8  |
| 121      | 57.8  | 47.3  | 70.9   |

Instrument :

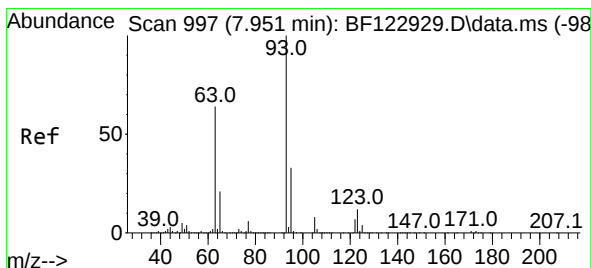
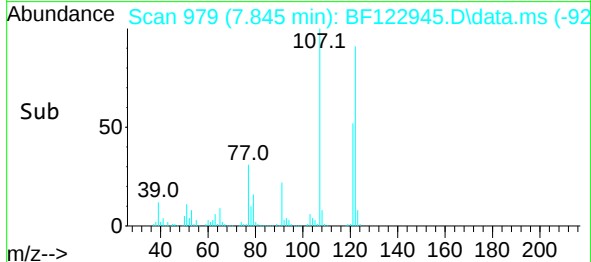
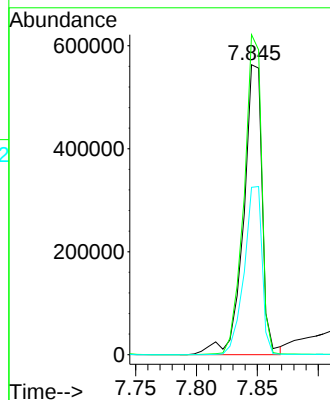
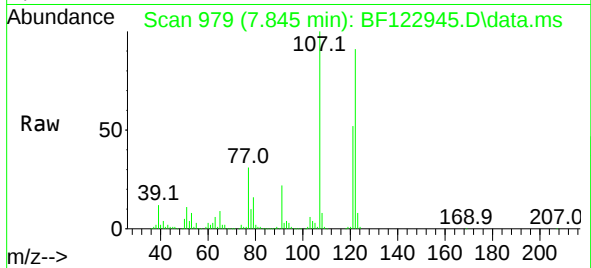
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#28

bis(2-Chloroethoxy)methane

Concen: 48.43 ng

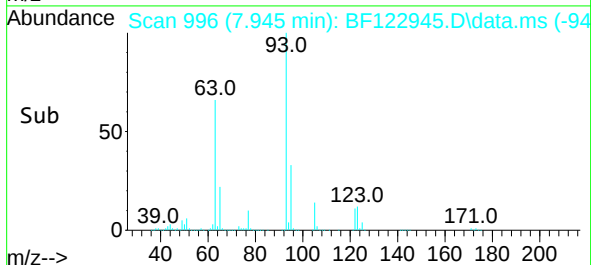
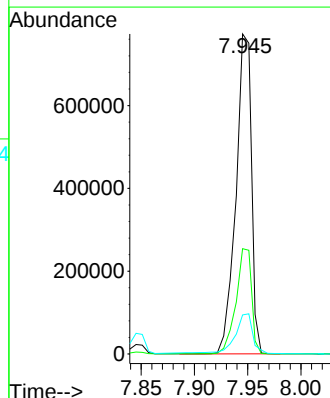
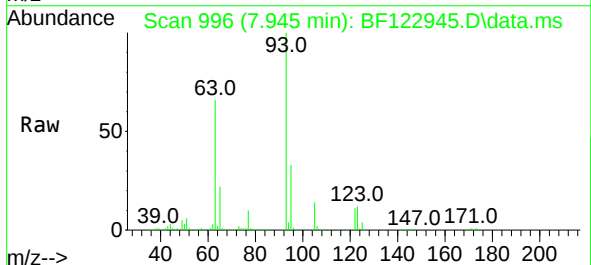
RT: 7.945 min Scan# 996

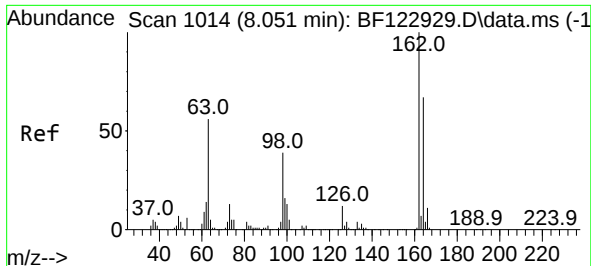
Delta R.T. -0.006 min

Lab File: BF122945.D

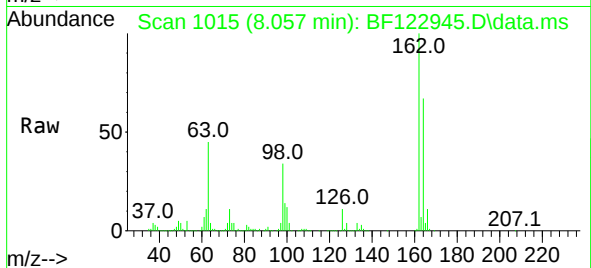
Acq: 8 Jan 2021 17:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 786876 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 95       | 32.9  | 26.2  | 39.2   |
| 123      | 12.2  | 9.2   | 13.8   |

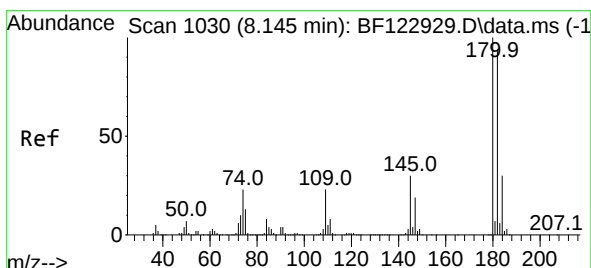
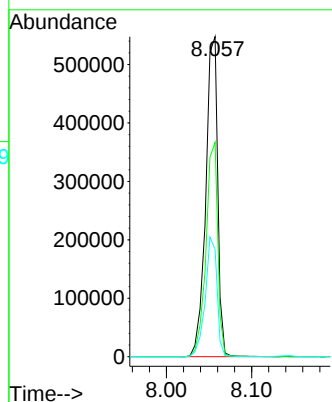
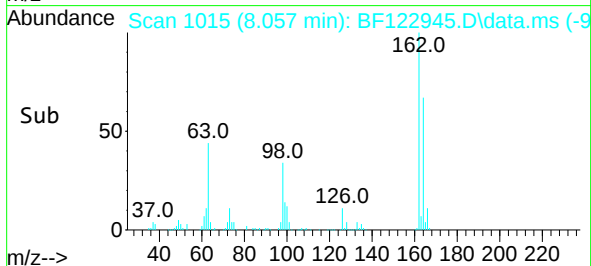




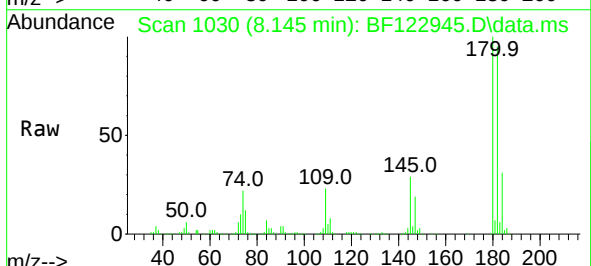
#29  
2,4-Dichlorophenol  
Concen: 50.25 ng  
RT: 8.057 min Scan# 1015  
Delta R.T. 0.006 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30



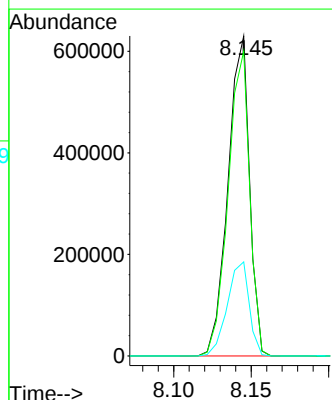
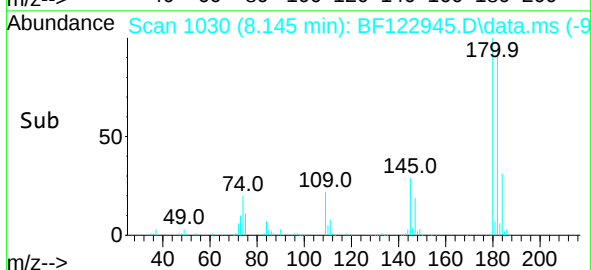
Tgt Ion:162 Resp: 533363  
Ion Ratio Lower Upper  
162 100  
164 67.0 43.2 83.2  
98 33.6 15.2 55.2



#30  
1,2,4-Trichlorobenzene  
Concen: 50.02 ng  
RT: 8.145 min Scan# 1030  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30



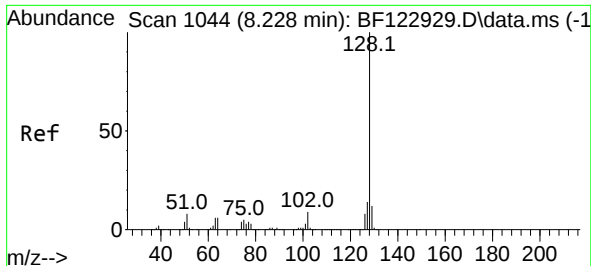
Tgt Ion:180 Resp: 607825  
Ion Ratio Lower Upper  
180 100  
182 95.3 75.7 113.5  
145 29.4 25.0 37.4



Instrument :  
BNA\_F  
ClientSampleId :  
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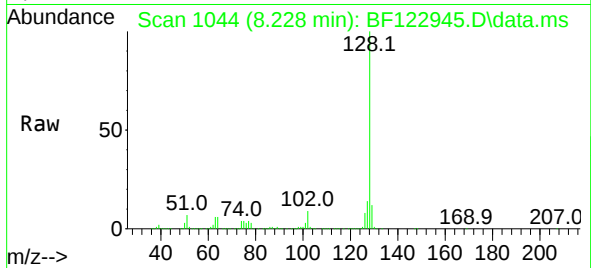
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#31  
Naphthalene  
Concen: 50.38 ng  
RT: 8.228 min Scan# 1044  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

Instrument :  
BNA\_F  
ClientSampleId :  
TP-12MSD

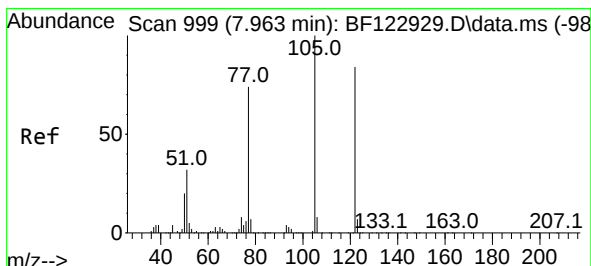
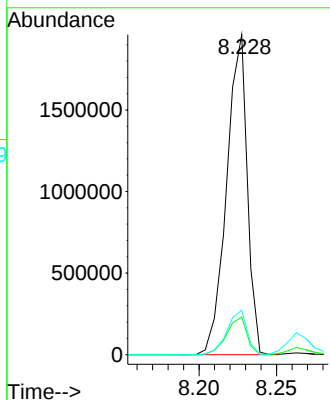
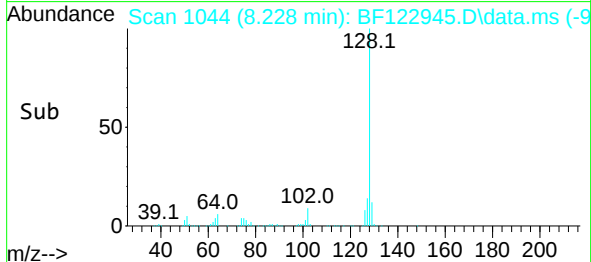


Tgt Ion:128 Resp: 1812029

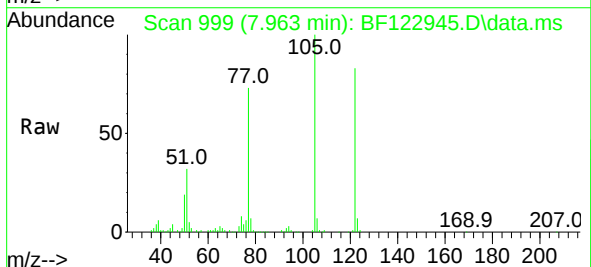
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 129 | 11.8  | 9.0   | 13.6  |
| 127 | 13.9  | 10.7  | 16.1  |

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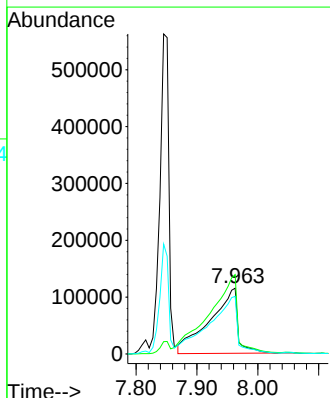
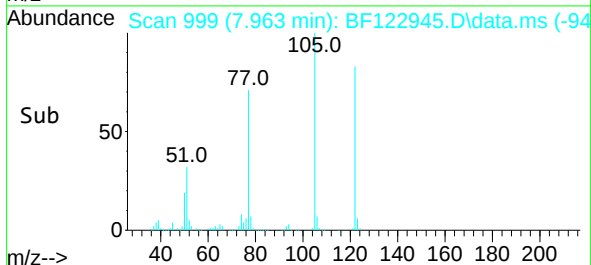


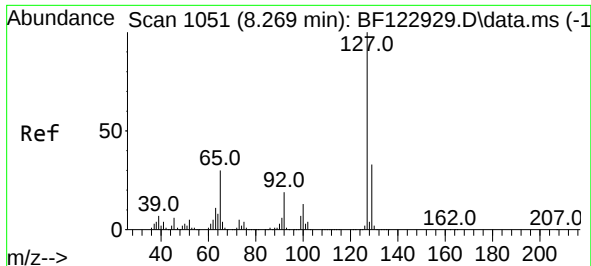
#32  
Benzoic acid  
Concen: 46.54 ng  
RT: 7.963 min Scan# 999  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30



Tgt Ion:122 Resp: 366124

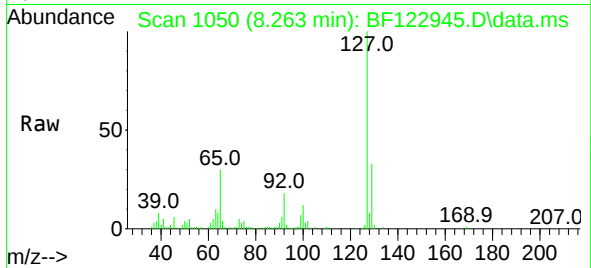
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 122 | 100   |       |       |
| 105 | 120.7 | 104.8 | 144.8 |
| 77  | 87.7  | 71.0  | 111.0 |





#33  
4-Chloroaniline  
Concen: 9.36 ng  
RT: 8.263 min Scan# 1050  
Delta R.T. -0.006 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

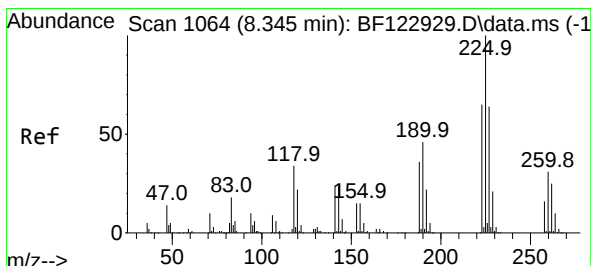
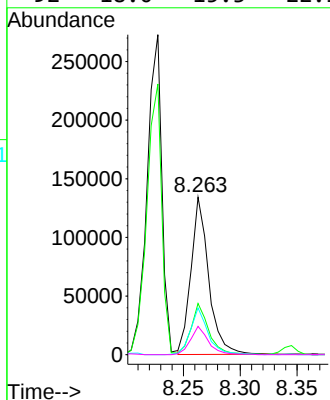
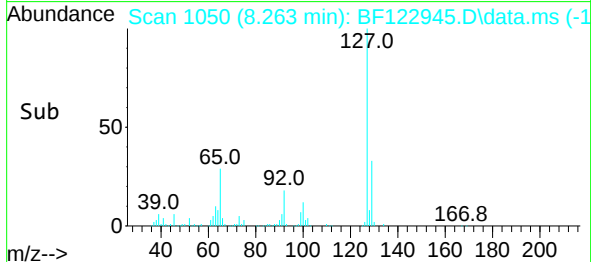
Instrument :  
BNA\_F  
ClientSampleId :  
TP-12MSD



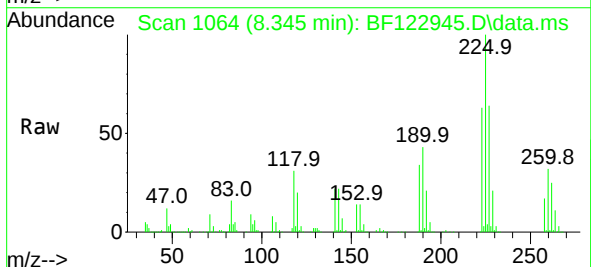
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 32.5  | 26.2  | 39.2  |
| 65      | 29.7  | 22.2  | 33.2  |
| 92      | 18.0  | 15.3  | 22.9  |

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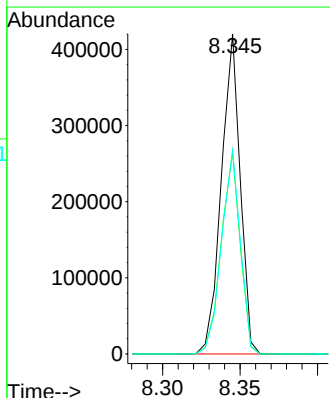
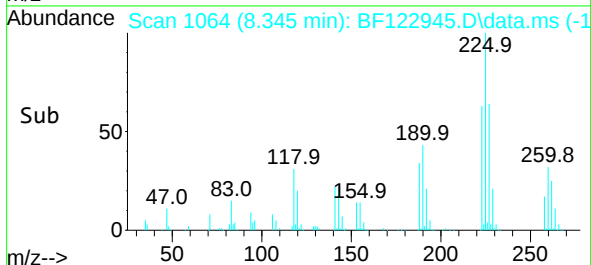
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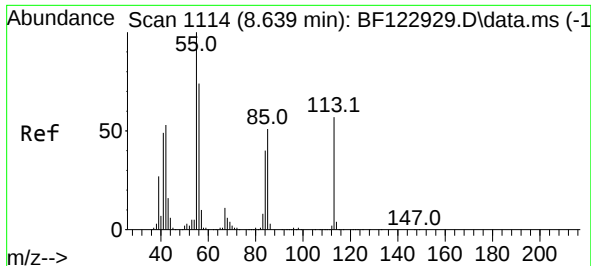


#34  
Hexachlorobutadiene  
Concen: 50.12 ng  
RT: 8.345 min Scan# 1064  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

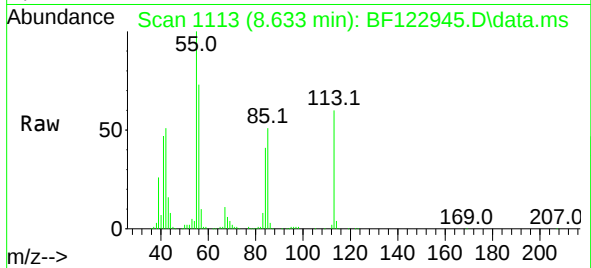


| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.1  | 50.7  | 76.1  |
| 227     | 63.7  | 51.7  | 77.5  |

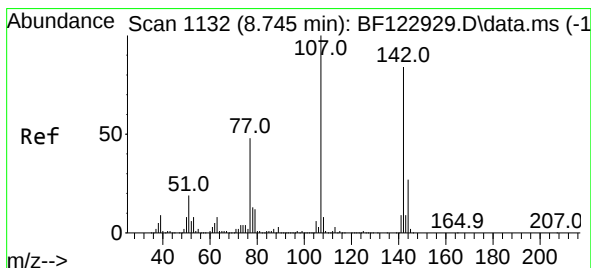
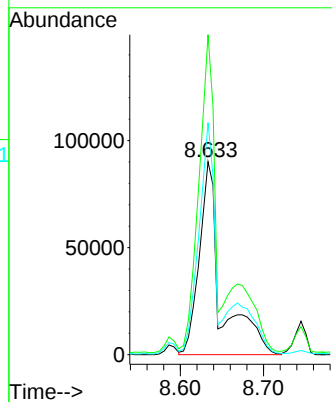
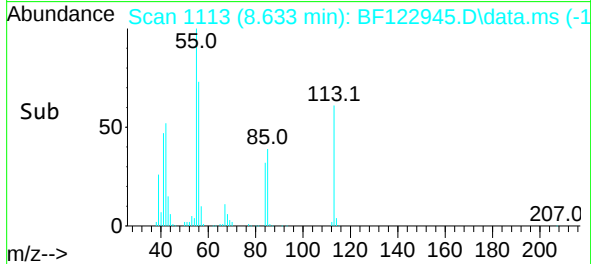




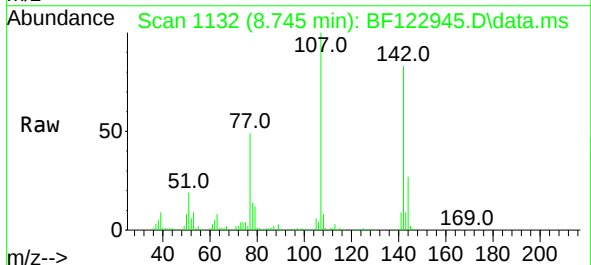
#35  
Caprolactam  
Concen: 45.91 ng m  
RT: 8.633 min Scan# 1113  
Delta R.T. -0.006 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30



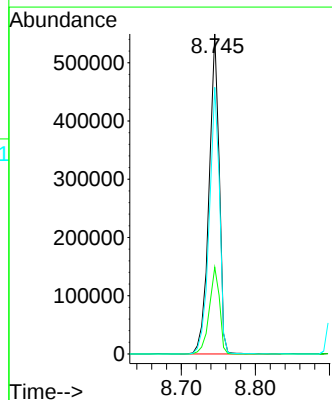
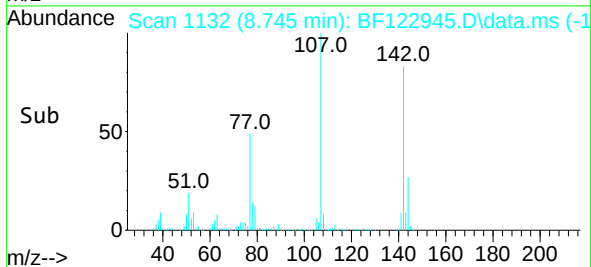
Tgt Ion:113 Resp: 163514  
Ion Ratio Lower Upper  
113 100  
55 165.9 133.7 173.7  
56 120.3 95.3 135.3



#36  
4-Chloro-3-methylphenol  
Concen: 48.09 ng  
RT: 8.745 min Scan# 1132  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30



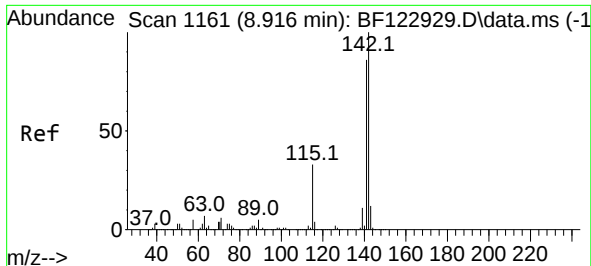
Tgt Ion:107 Resp: 524902  
Ion Ratio Lower Upper  
107 100  
144 27.1 20.2 30.2  
142 83.3 64.4 96.6



Instrument :  
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ClientSampleId :  
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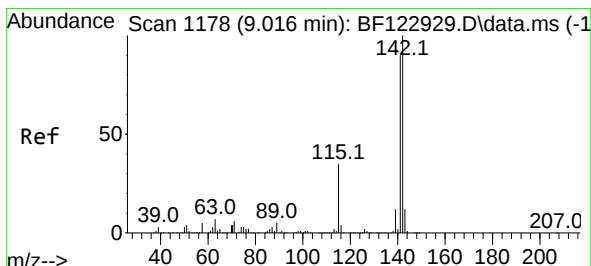
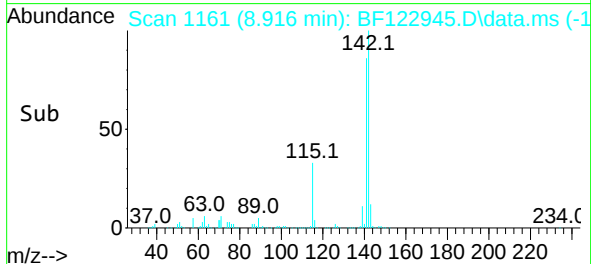
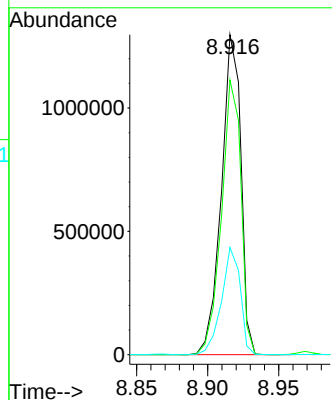
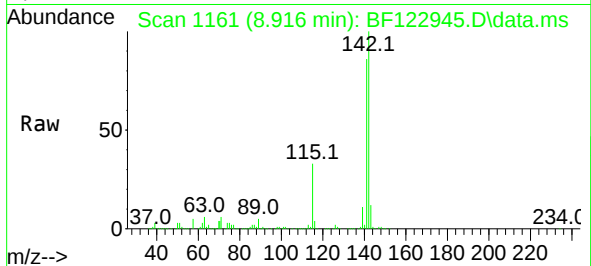
#37  
2-Methylnaphthalene  
Concen: 49.93 ng  
RT: 8.916 min Scan# 1161  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

Tgt Ion:142 Resp: 1234447  
Ion Ratio Lower Upper  
142 100  
141 85.8 70.6 106.0  
115 33.5 28.7 43.1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-12MSD

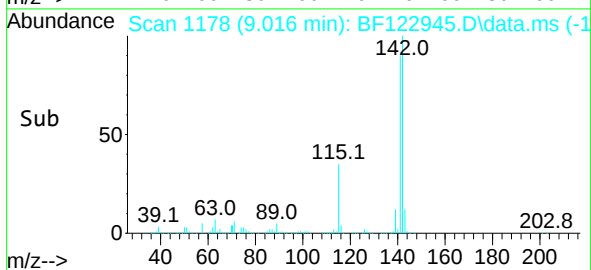
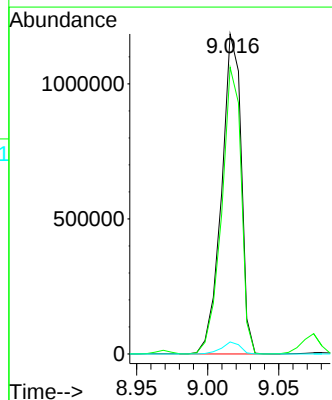
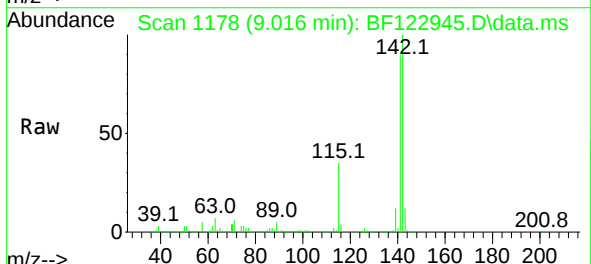
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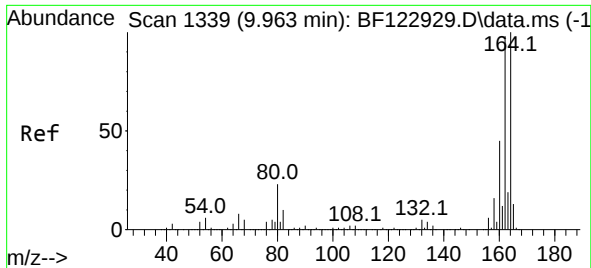
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#38  
1-Methylnaphthalene  
Concen: 48.56 ng  
RT: 9.016 min Scan# 1178  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

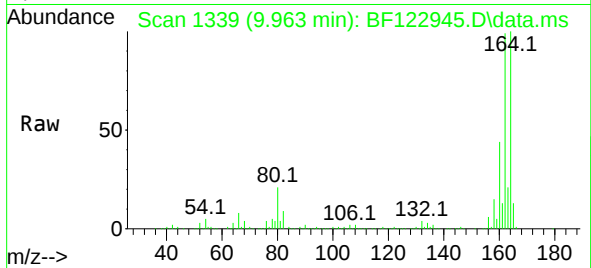
Tgt Ion:142 Resp: 1136811  
Ion Ratio Lower Upper  
142 100  
141 89.5 74.5 111.7  
116 3.8 3.2 4.8





#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.963 min Scan# 1339  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

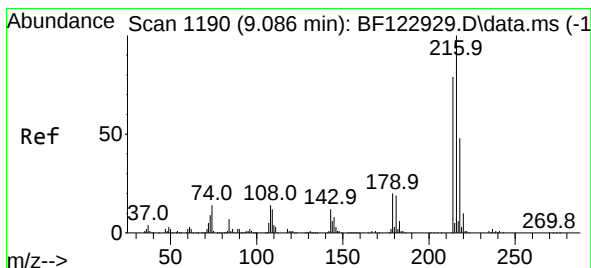
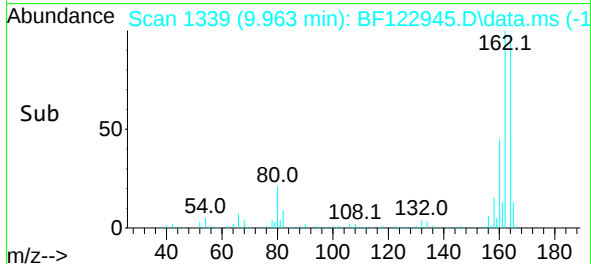
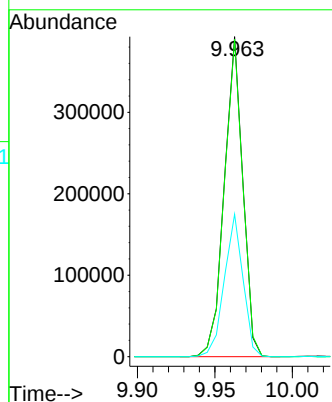
Instrument :  
BNA\_F  
ClientSampled :  
TP-12MSD



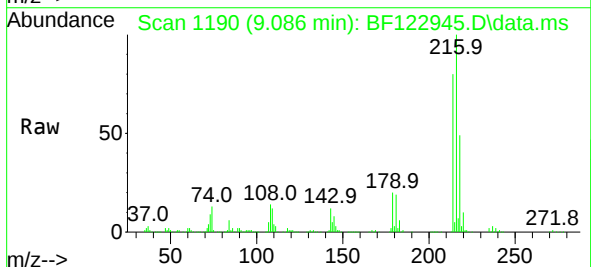
Tgt Ion:164 Resp: 325561  
Ion Ratio Lower Upper  
164 100  
162 99.2 80.8 121.2  
160 44.5 35.4 53.0

Manual Integrations  
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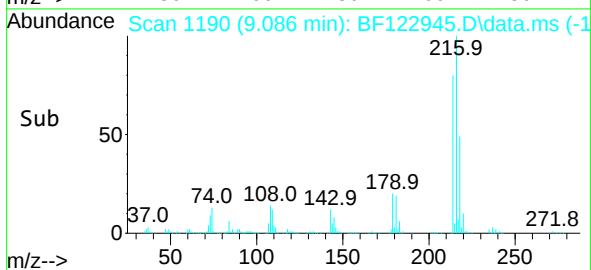
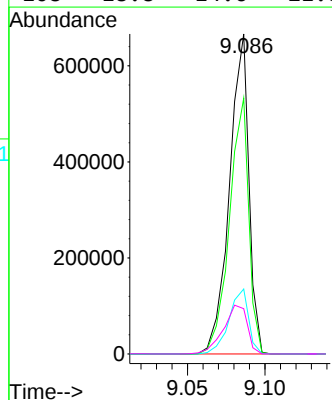
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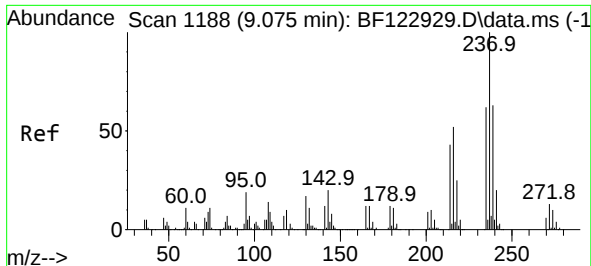


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 55.81 ng  
RT: 9.086 min Scan# 1190  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30



Tgt Ion:216 Resp: 579234  
Ion Ratio Lower Upper  
216 100  
214 79.5 63.1 94.7  
179 20.5 17.1 25.7  
108 18.8 14.6 21.8





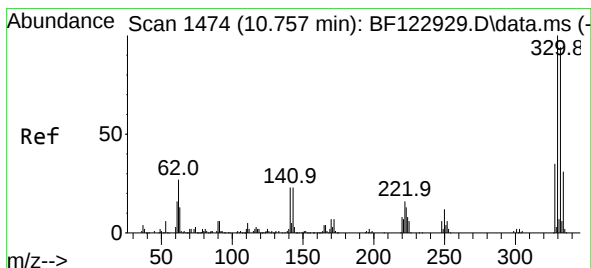
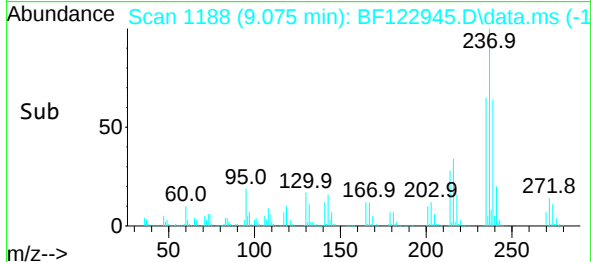
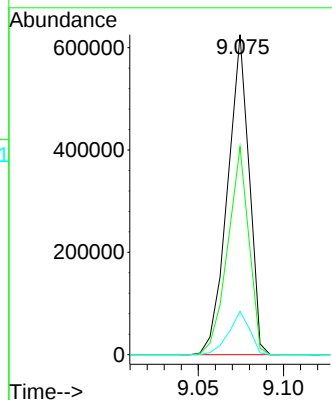
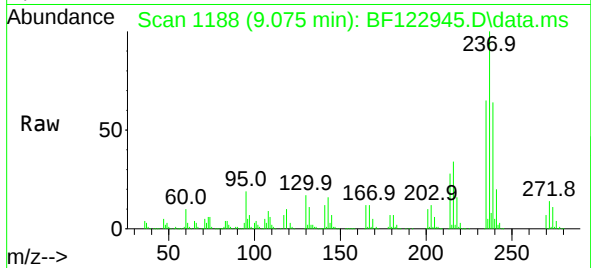
#41  
Hexachlorocyclopentadiene  
Concen: 98.99 ng  
RT: 9.075 min Scan# 1188  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

Tgt Ion:237 Resp: 549564  
Ion Ratio Lower Upper  
237 100  
235 65.0 40.9 80.9  
272 13.5 0.0 33.4

Instrument :  
BNA\_F  
ClientSampleId :  
TP-12MSD

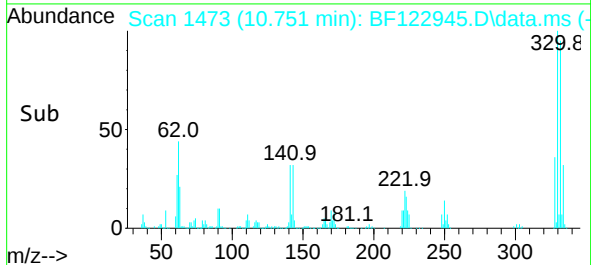
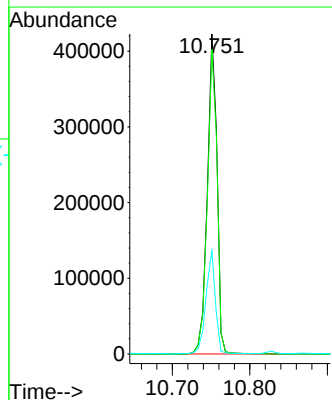
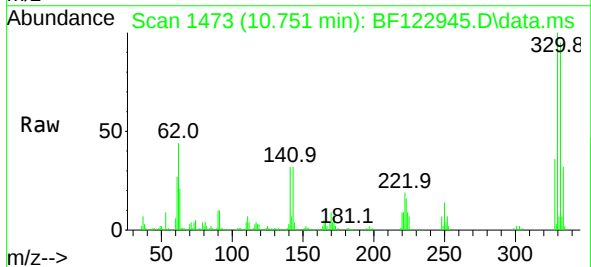
Manual Integrations  
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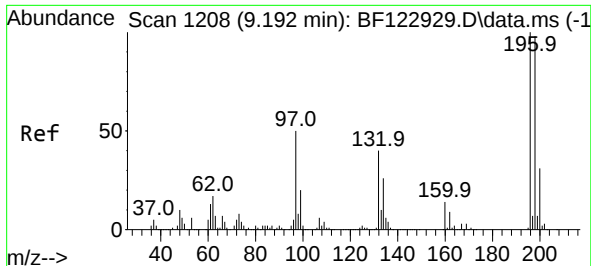
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#42  
2,4,6-Tribromophenol  
Concen: 99.35 ng  
RT: 10.751 min Scan# 1473  
Delta R.T. -0.006 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

Tgt Ion:330 Resp: 365349  
Ion Ratio Lower Upper  
330 100  
332 96.1 77.5 116.3  
141 32.1 23.8 35.8





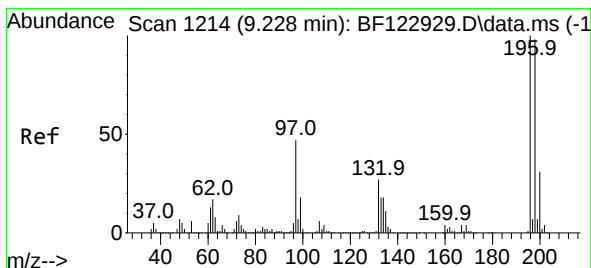
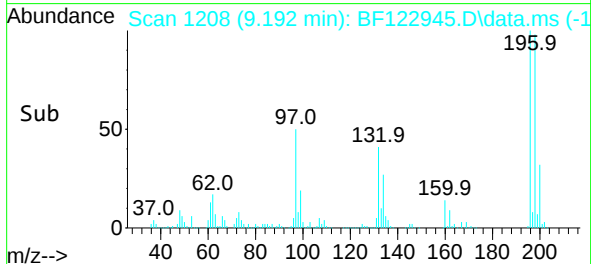
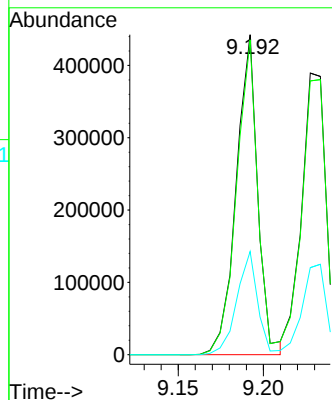
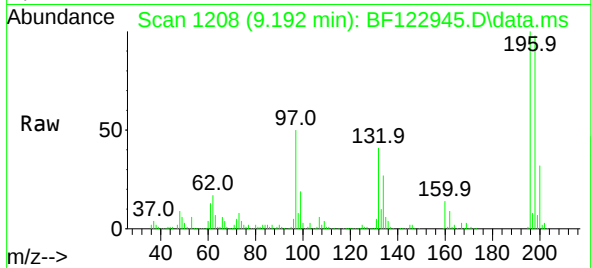
#43  
2,4,6-Trichlorophenol  
Concen: 52.75 ng  
RT: 9.192 min Scan# 1208  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

Tgt Ion:196 Resp: 387694  
Ion Ratio Lower Upper  
196 100  
198 98.4 75.1 112.7  
200 32.3 23.7 35.5

Instrument :  
BNA\_F  
ClientSampleId :  
TP-12MSD

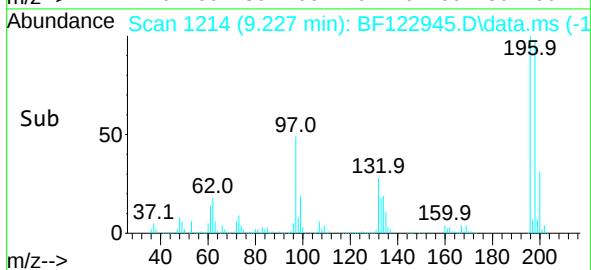
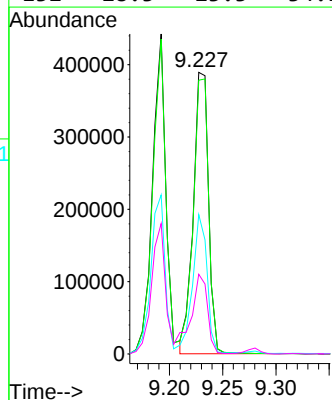
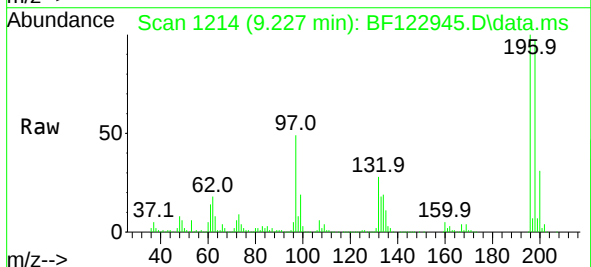
Manual Integrations  
APPROVED

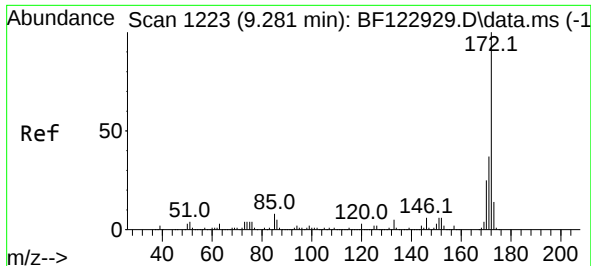
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#44  
2,4,5-Trichlorophenol  
Concen: 53.54 ng  
RT: 9.227 min Scan# 1214  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

Tgt Ion:196 Resp: 389224  
Ion Ratio Lower Upper  
196 100  
198 97.2 76.5 114.7  
97 49.5 40.1 60.1  
132 28.3 23.3 34.9





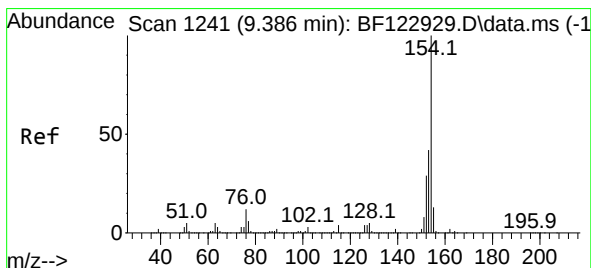
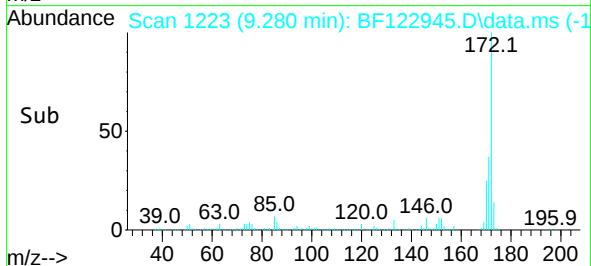
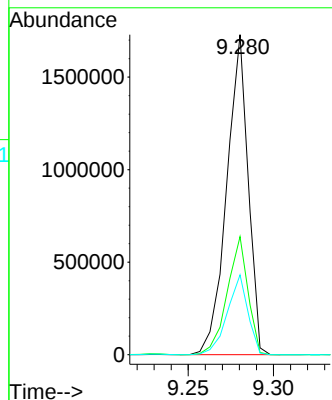
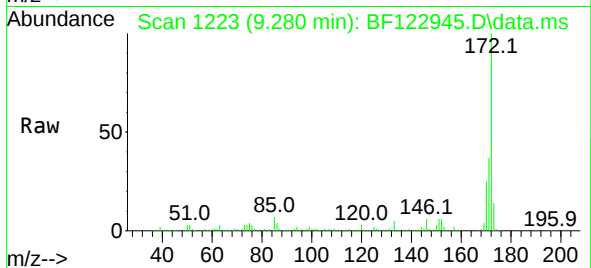
#45  
2-Fluorobiphenyl  
Concen: 65.70 ng  
RT: 9.280 min Scan# 1223  
Delta R.T. -0.001 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

Tgt Ion:172 Resp: 1508838  
Ion Ratio Lower Upper  
172 100  
171 36.9 29.6 44.4  
170 25.0 19.5 29.3

Instrument :  
BNA\_F  
ClientSampleId :  
TP-12MSD

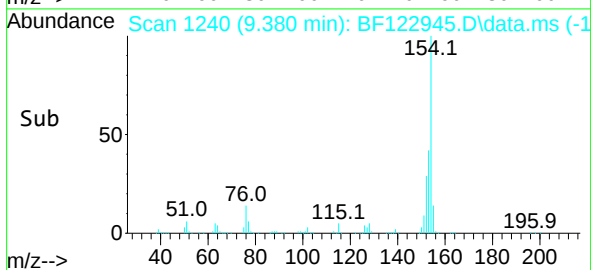
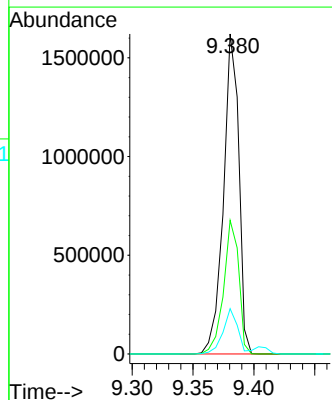
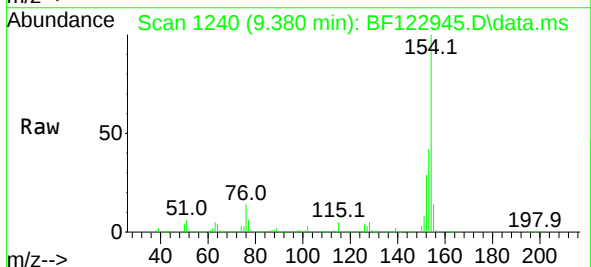
Manual Integrations  
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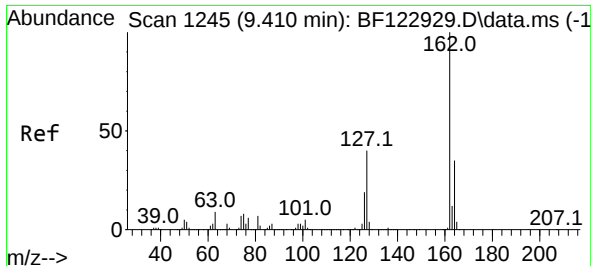
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#46  
1,1'-Biphenyl  
Concen: 54.47 ng  
RT: 9.380 min Scan# 1240  
Delta R.T. -0.006 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

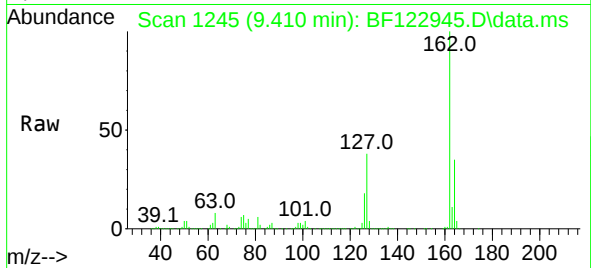
Tgt Ion:154 Resp: 1424723  
Ion Ratio Lower Upper  
154 100  
153 41.7 21.8 61.8  
76 14.1 0.0 33.4





#47  
2-Chloronaphthalene  
Concen: 51.23 ng  
RT: 9.410 min Scan# 1245  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

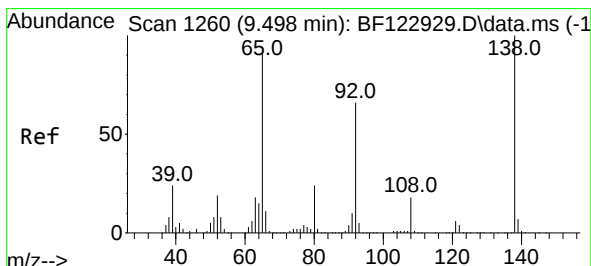
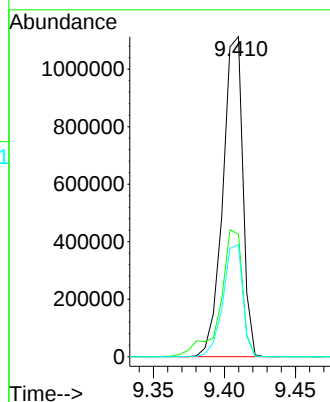
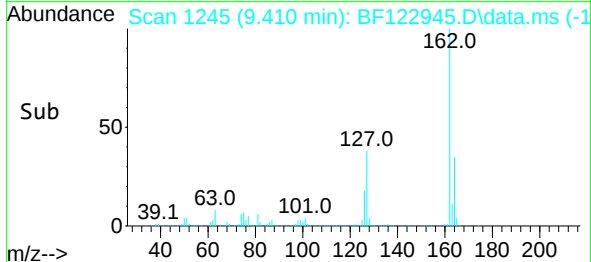
Instrument :  
BNA\_F  
ClientSampleId :  
TP-12MSD



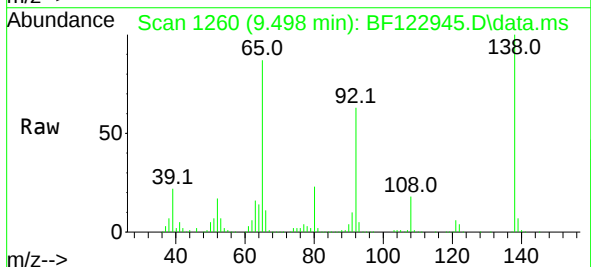
Tgt Ion:162 Resp: 1088323  
Ion Ratio Lower Upper  
162 100  
127 38.3 33.8 50.8  
164 35.0 26.5 39.7

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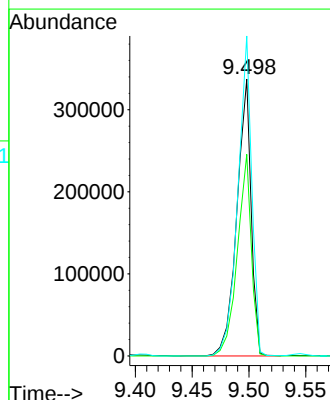
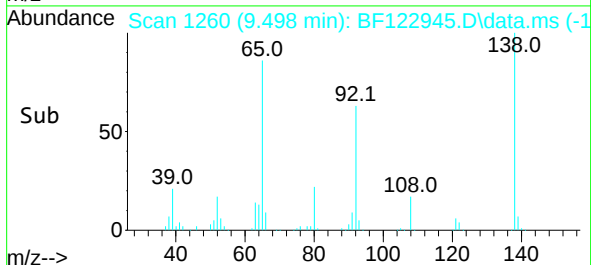
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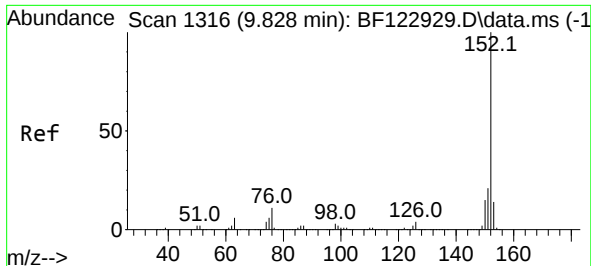


#48  
2-Nitroaniline  
Concen: 46.20 ng  
RT: 9.498 min Scan# 1260  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

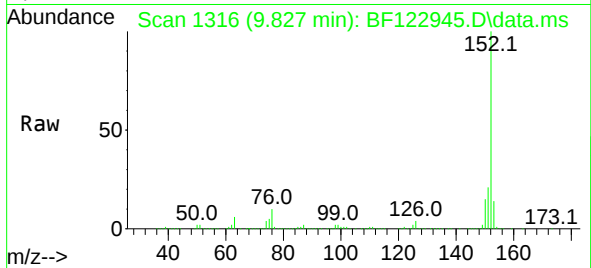


Tgt Ion: 65 Resp: 295241  
Ion Ratio Lower Upper  
65 100  
92 72.8 60.0 90.0  
138 115.5 100.6 151.0

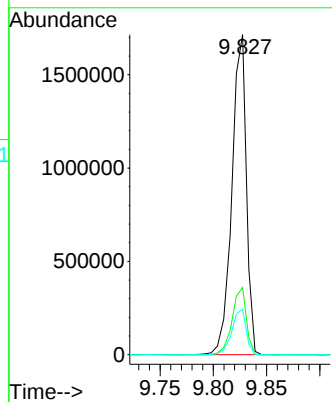
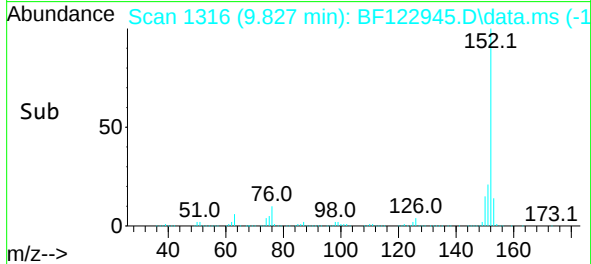




#49  
Acenaphthylene  
Concen: 51.57 ng  
RT: 9.827 min Scan# 1316  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30



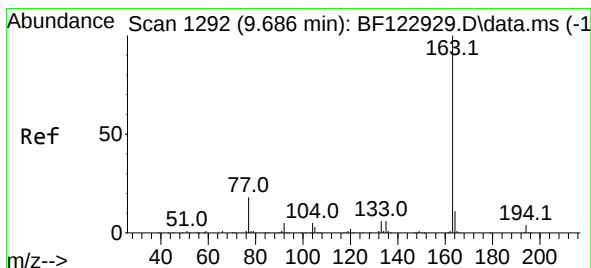
Tgt Ion:152 Resp: 1619819  
Ion Ratio Lower Upper  
152 100  
151 21.0 16.6 25.0  
153 14.2 10.9 16.3



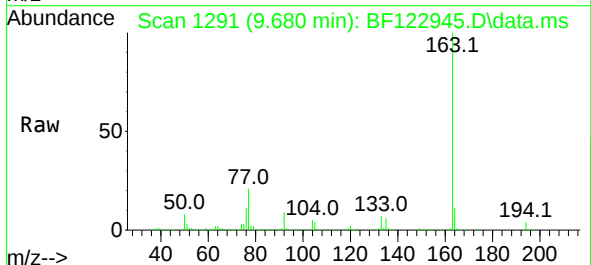
Instrument :  
BNA\_F  
ClientSampleId :  
TP-12MSD

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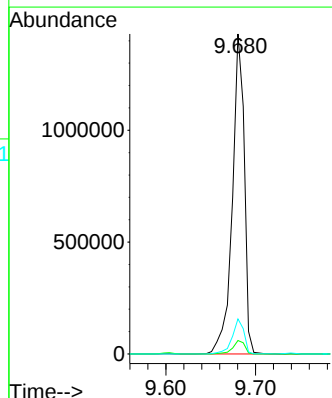
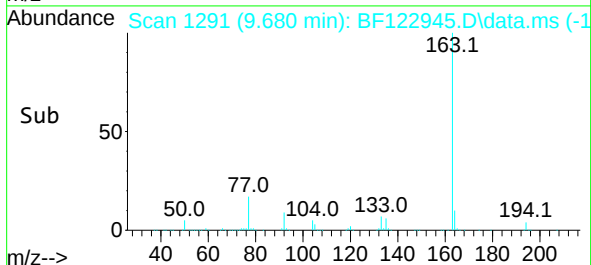
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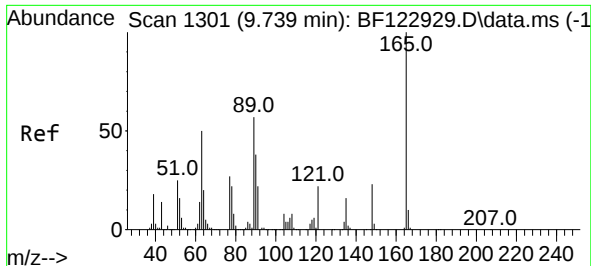


#50  
Dimethylphthalate  
Concen: 54.62 ng  
RT: 9.680 min Scan# 1291  
Delta R.T. -0.006 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30



Tgt Ion:163 Resp: 1322536  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.4 5.0  
164 11.0 8.1 12.1





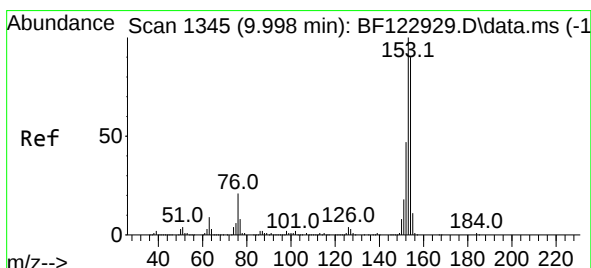
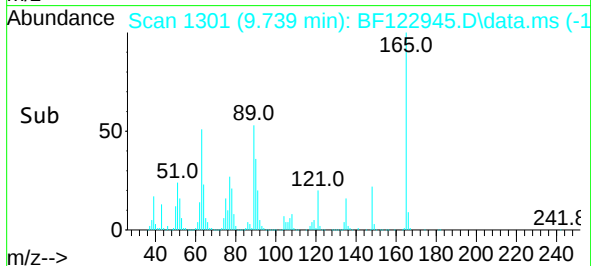
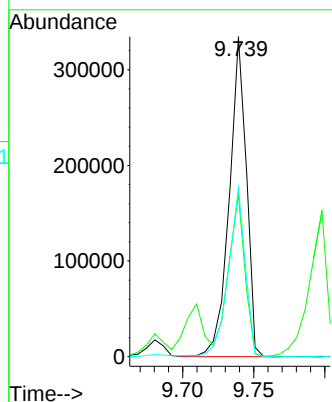
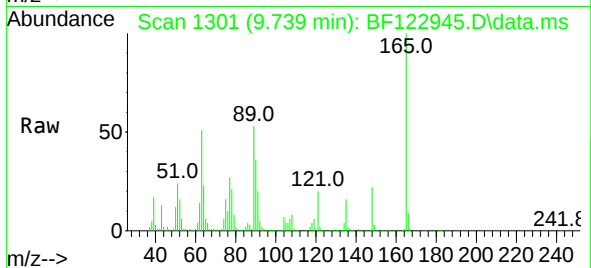
#51  
2,6-Dinitrotoluene  
Concen: 54.11 ng  
RT: 9.739 min Scan# 1301  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

Tgt Ion:165 Resp: 280265  
Ion Ratio Lower Upper  
165 100  
63 50.6 36.6 55.0  
89 52.8 39.4 59.0

Instrument :  
BNA\_F  
ClientSampleId :  
TP-12MSD

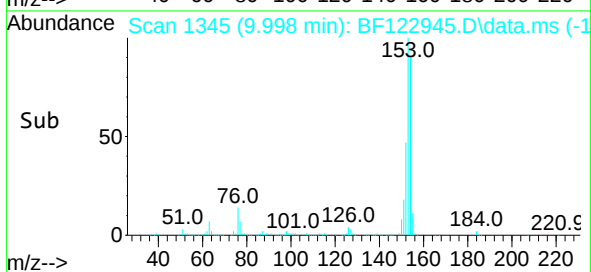
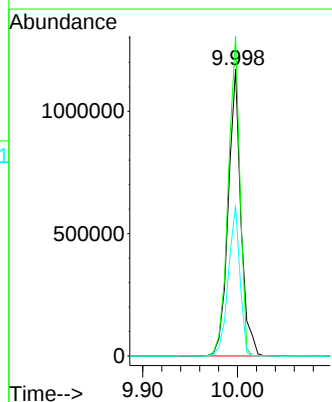
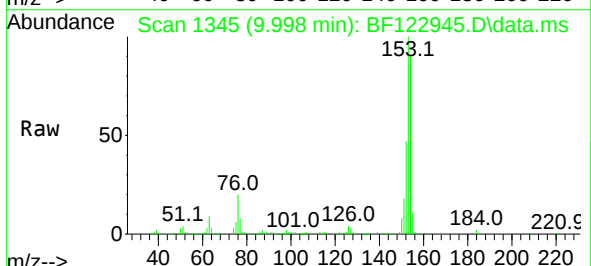
Manual Integrations  
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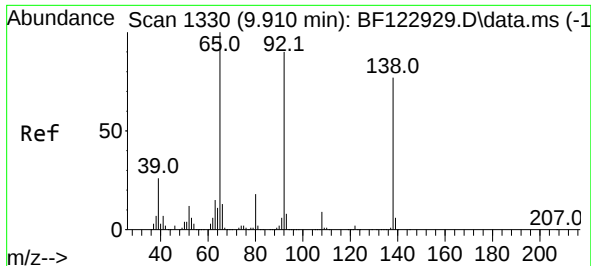
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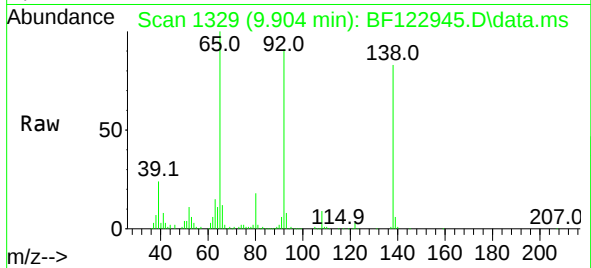
#52  
Acenaphthene  
Concen: 53.07 ng  
RT: 9.998 min Scan# 1345  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

Tgt Ion:154 Resp: 1095937  
Ion Ratio Lower Upper  
154 100  
153 111.7 89.0 133.6  
152 52.6 42.7 64.1

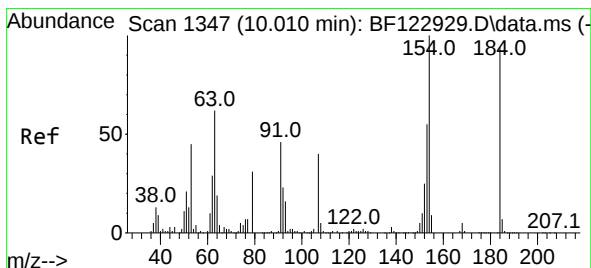
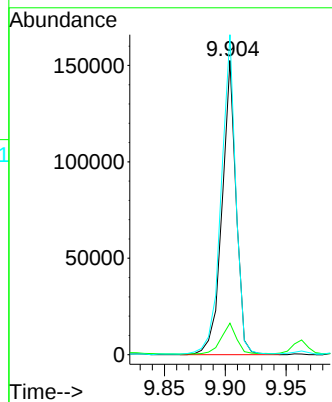
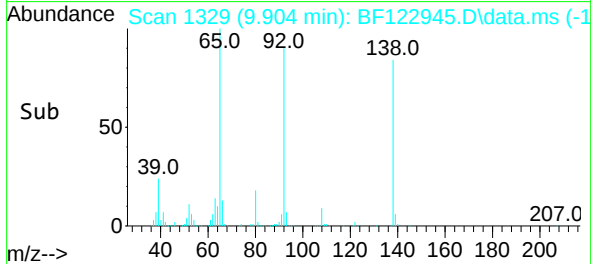




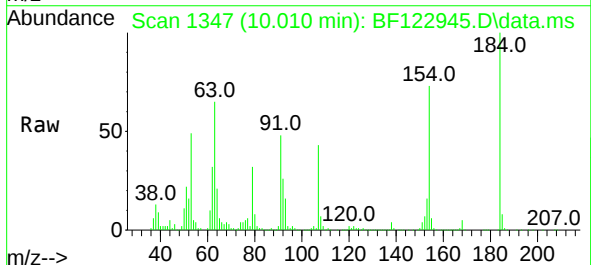
#53  
3-Nitroaniline  
Concen: 20.25 ng  
RT: 9.904 min Scan# 1329  
Delta R.T. -0.006 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30



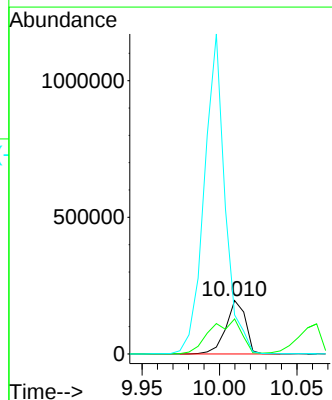
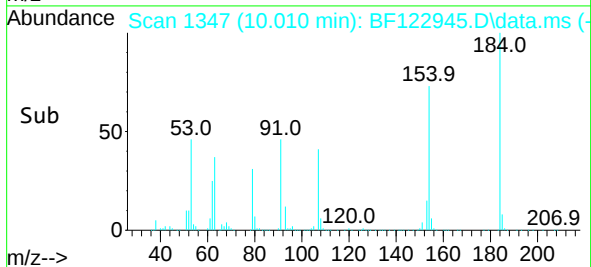
Tgt Ion:138 Resp: 123218  
Ion Ratio Lower Upper  
138 100  
108 10.7 8.2 12.2  
92 108.8 85.4 128.2



#54  
2,4-Dinitrophenol  
Concen: 91.70 ng  
RT: 10.010 min Scan# 1347  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30



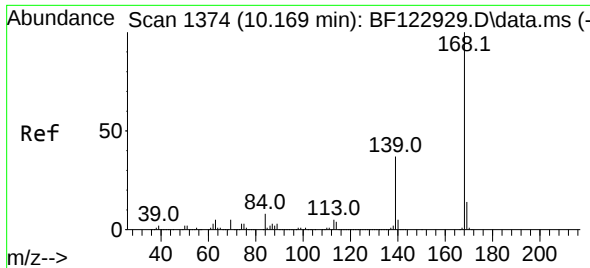
Tgt Ion:184 Resp: 172072  
Ion Ratio Lower Upper  
184 100  
63 65.4 51.4 77.2  
154 73.0 49.7 74.5



Instrument :  
BNA\_F  
ClientSampleId :  
TP-12MSD

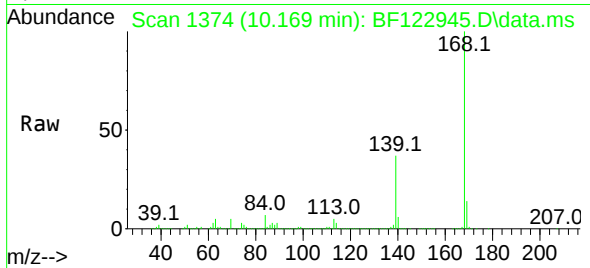
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#55  
Dibenzofuran  
Concen: 51.60 ng  
RT: 10.169 min Scan# 1374  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

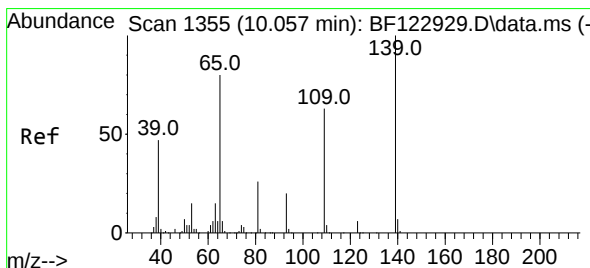
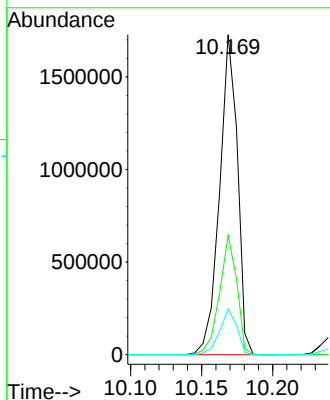
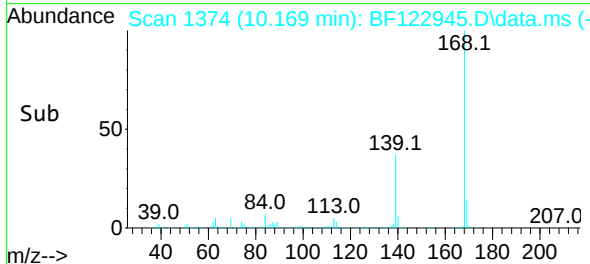
Instrument :  
BNA\_F  
ClientSampleId :  
TP-12MSD



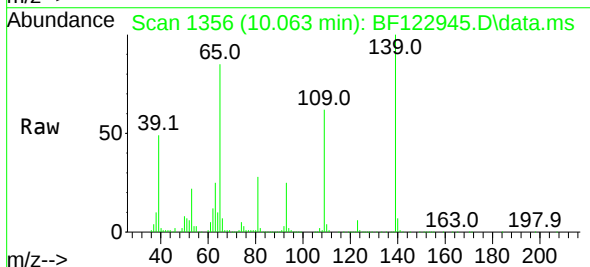
Tgt Ion:168 Resp: 1509926  
Ion Ratio Lower Upper  
168 100  
139 37.3 31.3 46.9  
169 14.3 11.2 16.8

Manual Integrations  
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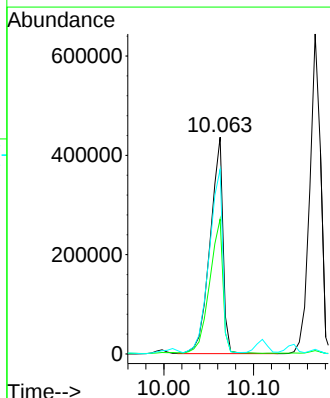
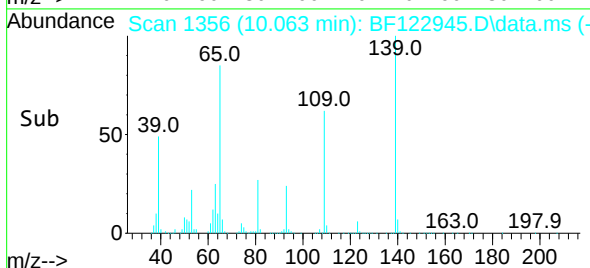
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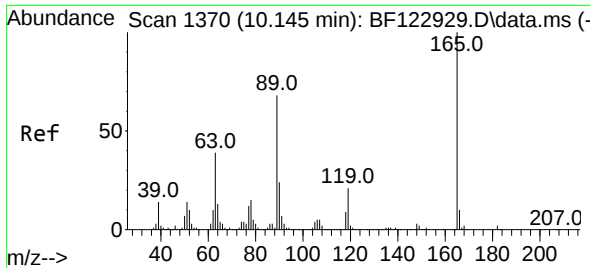


#56  
4-Nitrophenol  
Concen: 94.16 ng  
RT: 10.063 min Scan# 1356  
Delta R.T. 0.006 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30



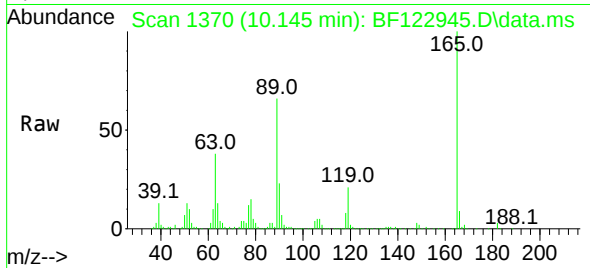
Tgt Ion:139 Resp: 434010  
Ion Ratio Lower Upper  
139 100  
109 62.2 45.1 85.1  
65 85.2 59.2 99.2





#57  
2,4-Dinitrotoluene  
Concen: 53.92 ng  
RT: 10.145 min Scan# 1370  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

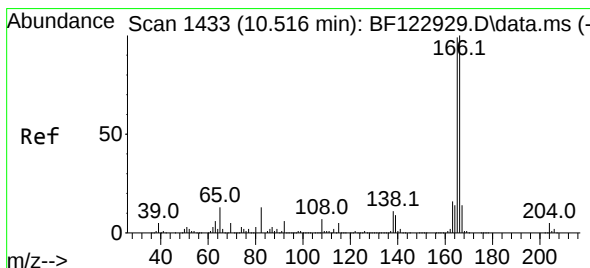
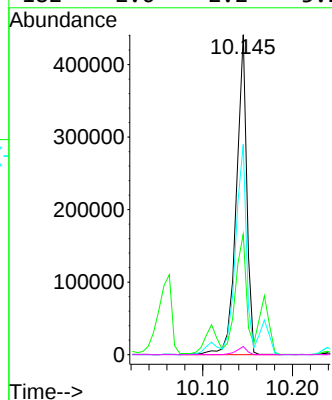
Instrument :  
BNA\_F  
ClientSampleId :  
TP-12MSD



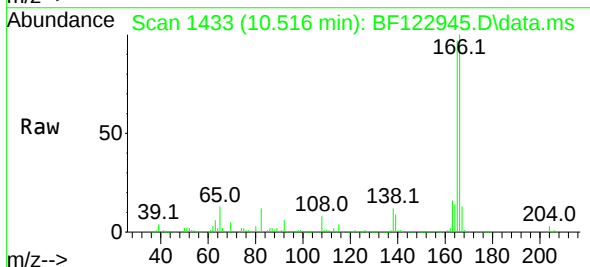
Tgt Ion:165 Resp: 357173  
Ion Ratio Lower Upper  
165 100  
63 37.7 34.3 51.5  
89 65.7 55.2 82.8  
182 2.6 2.2 3.2

Manual Integrations  
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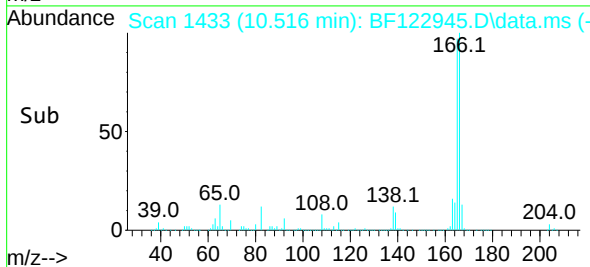
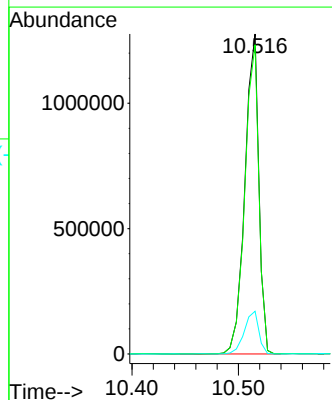
mohammad  
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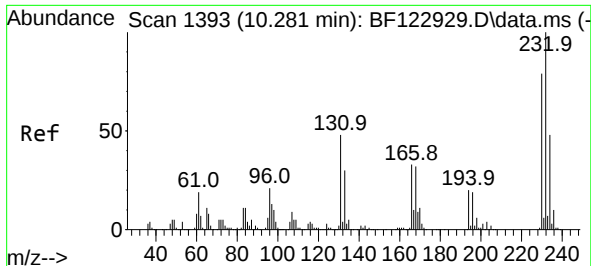


#58  
Fluorene  
Concen: 48.98 ng  
RT: 10.516 min Scan# 1433  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

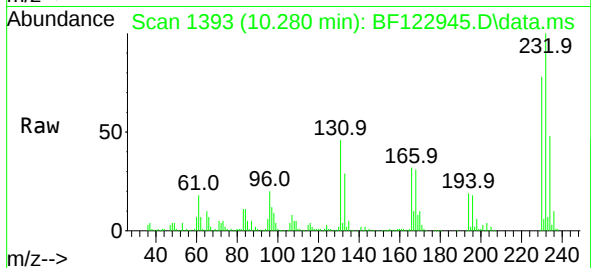


Tgt Ion:166 Resp: 1163915  
Ion Ratio Lower Upper  
166 100  
165 96.7 79.4 119.0  
167 13.4 10.9 16.3

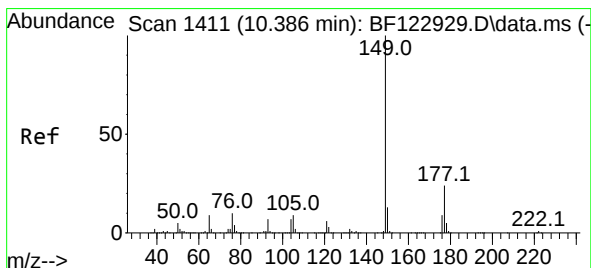
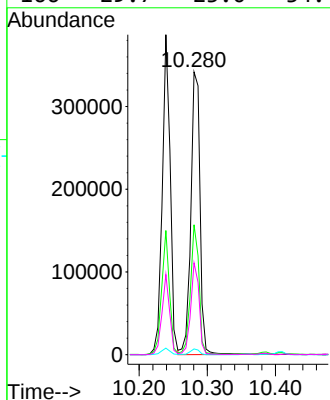
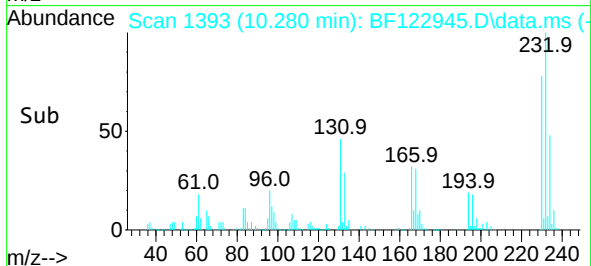




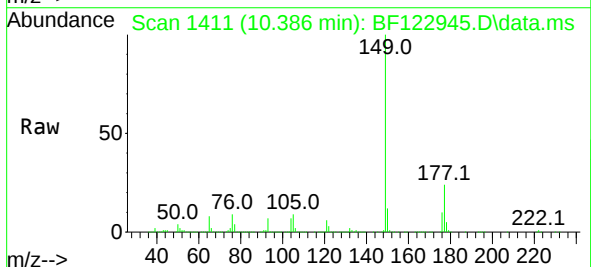
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 50.16 ng  
RT: 10.280 min Scan# 1393  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30



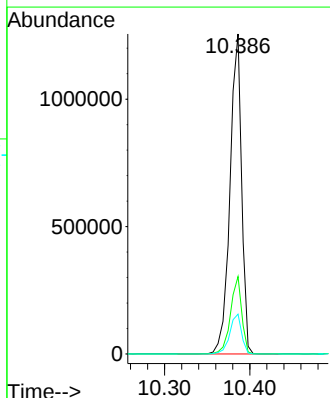
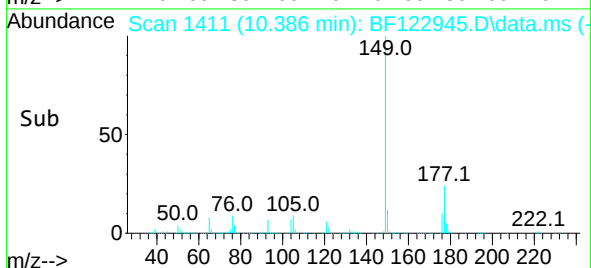
Tgt Ion:232 Resp: 316936  
Ion Ratio Lower Upper  
232 100  
131 42.2 33.0 49.4  
130 2.0 1.7 2.5  
166 29.7 23.0 34.4



#60  
Diethylphthalate  
Concen: 49.02 ng  
RT: 10.386 min Scan# 1411  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30



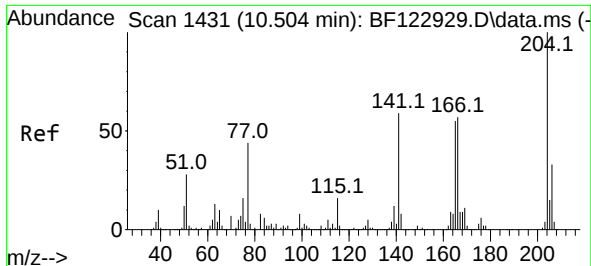
Tgt Ion:149 Resp: 1186807  
Ion Ratio Lower Upper  
149 100  
177 24.2 18.2 27.4  
150 12.5 10.1 15.1



Instrument :  
BNA\_F  
ClientSampleId :  
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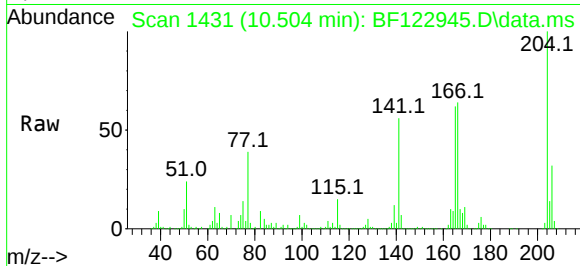
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#61  
4-Chlorophenyl-phenylether  
Concen: 49.92 ng  
RT: 10.504 min Scan# 1431  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

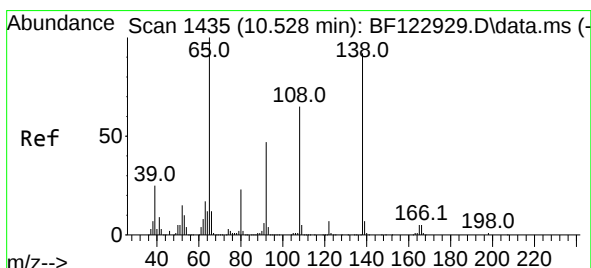
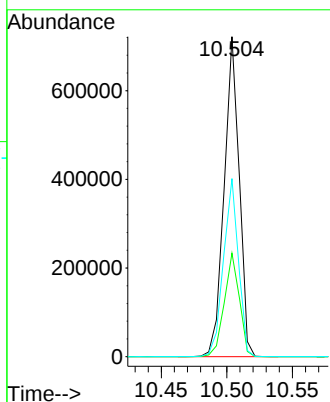
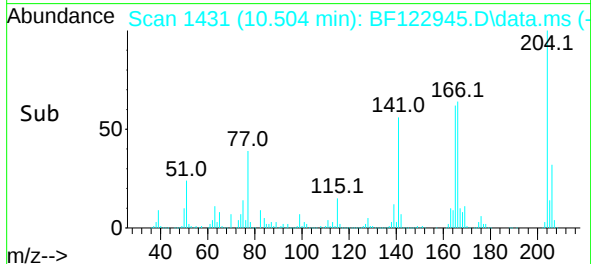
Instrument :  
BNA\_F  
ClientSampleId :  
TP-12MSD



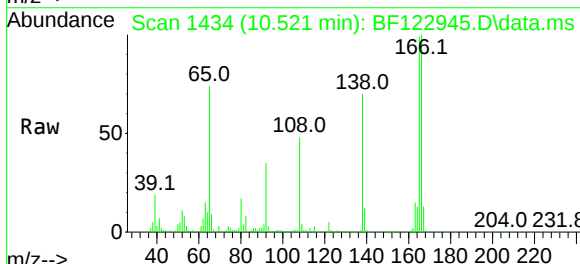
Tgt Ion:204 Resp: 574384  
Ion Ratio Lower Upper  
204 100  
206 32.3 27.0 40.4  
141 55.7 50.4 75.6

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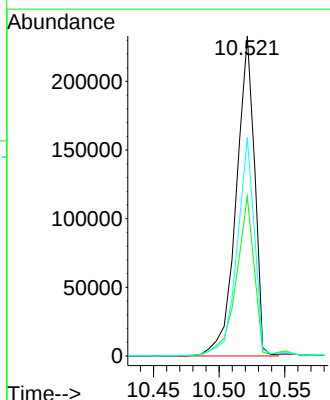
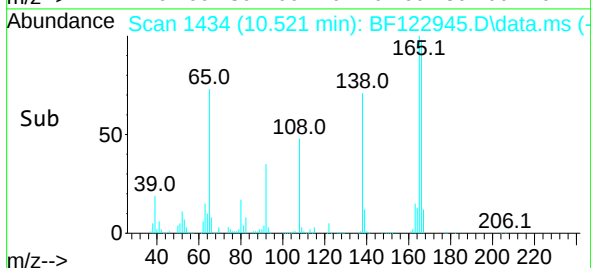
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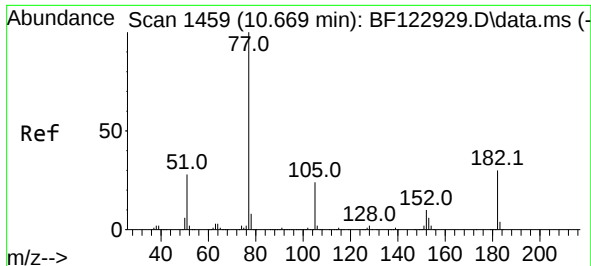


#62  
4-Nitroaniline  
Concen: 37.95 ng  
RT: 10.521 min Scan# 1434  
Delta R.T. -0.006 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30



Tgt Ion:138 Resp: 226758  
Ion Ratio Lower Upper  
138 100  
92 49.7 31.0 71.0  
108 68.3 54.8 94.8





#63  
Azobenzene  
Concen: 47.31 ng  
RT: 10.663 min Scan# 1458  
Delta R.T. -0.006 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

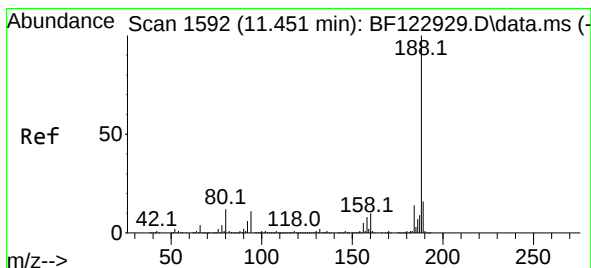
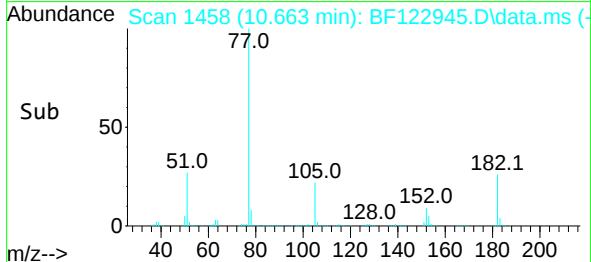
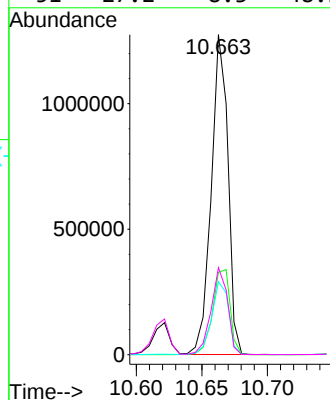
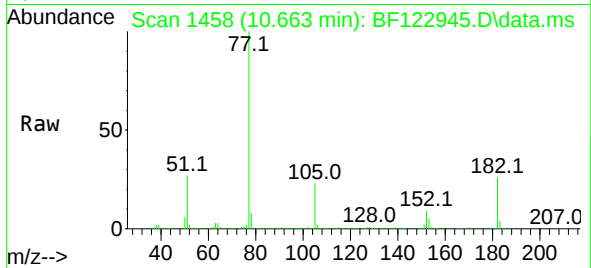
Tgt Ion: 77 Resp: 1128640

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 25.8  | 5.6   | 45.6  |
| 105 | 22.8  | 1.8   | 41.8  |
| 51  | 27.2  | 8.3   | 48.3  |

Instrument :  
BNA\_F  
ClientSampleId :  
TP-12MSD

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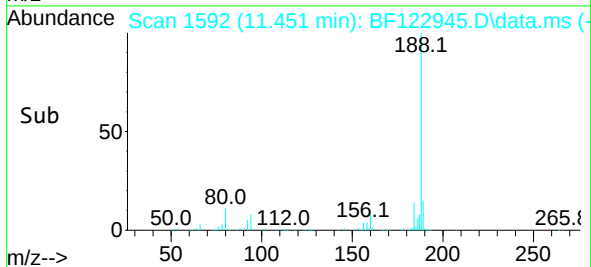
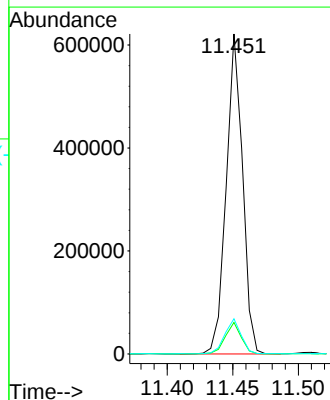
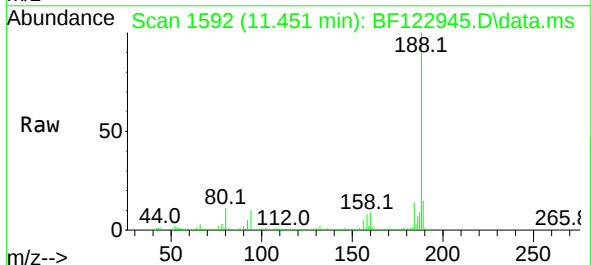
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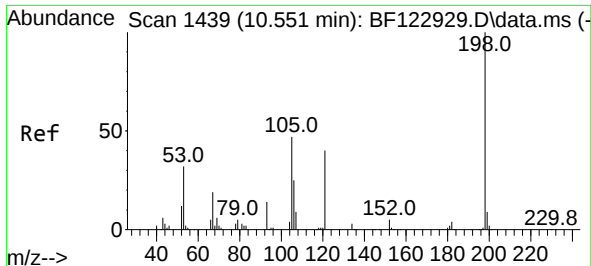


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.451 min Scan# 1592  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

Tgt Ion: 188 Resp: 537488

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 9.9   | 7.4   | 11.2  |
| 80  | 11.0  | 8.2   | 12.4  |





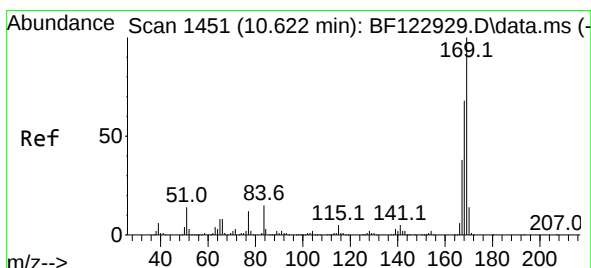
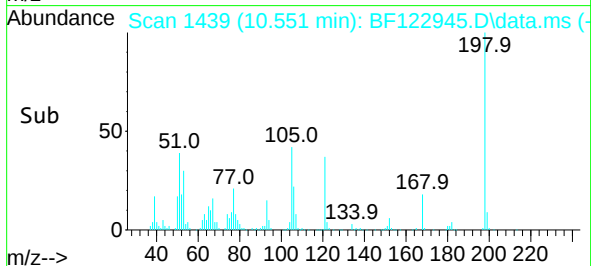
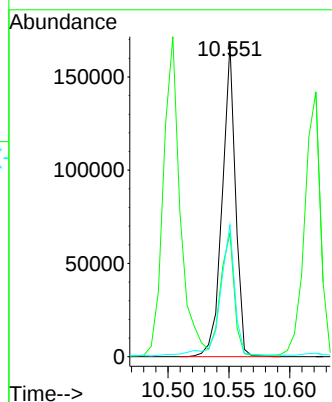
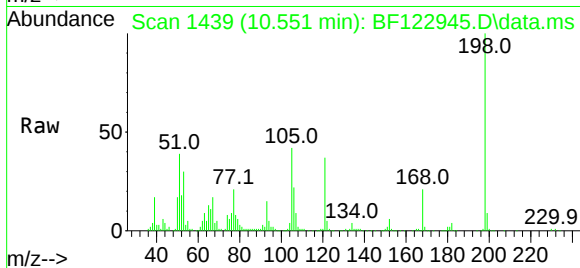
#65  
4,6-Dinitro-2-methylphenol  
Concen: 52.45 ng  
RT: 10.551 min Scan# 1439  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

Tgt Ion:198 Resp: 127609  
Ion Ratio Lower Upper  
198 100  
51 39.5 20.3 60.3  
105 42.1 23.0 63.0

Instrument :  
BNA\_F  
ClientSampleId :  
TP-12MSD

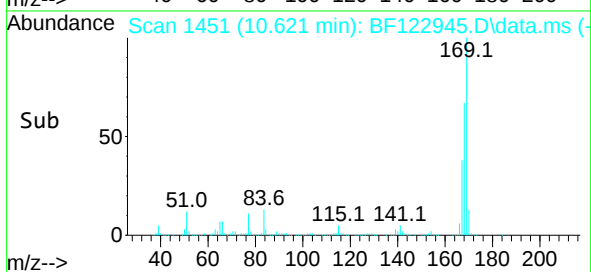
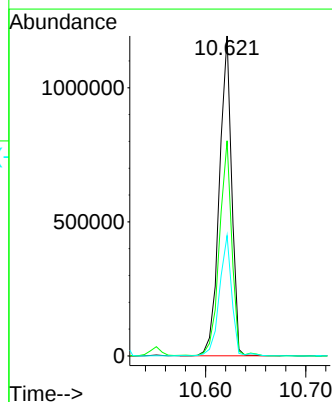
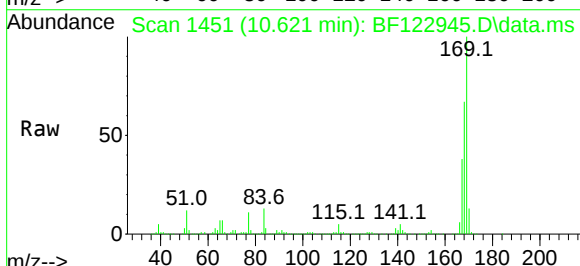
Manual Integrations  
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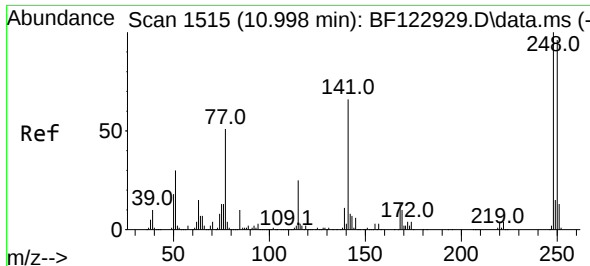
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#66  
n-Nitrosodiphenylamine  
Concen: 55.87 ng  
RT: 10.621 min Scan# 1451  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

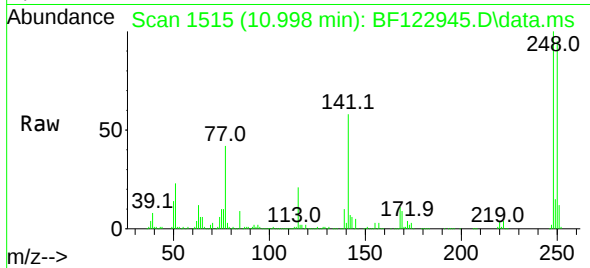
Tgt Ion:169 Resp: 1011436  
Ion Ratio Lower Upper  
169 100  
168 67.3 54.2 81.2  
167 37.6 29.2 43.8





#67  
4-Bromophenyl-phenylether  
Concen: 55.13 ng  
RT: 10.998 min Scan# 1515  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

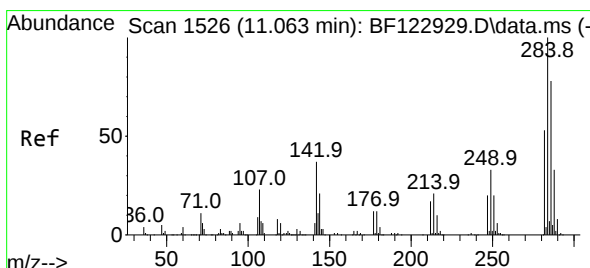
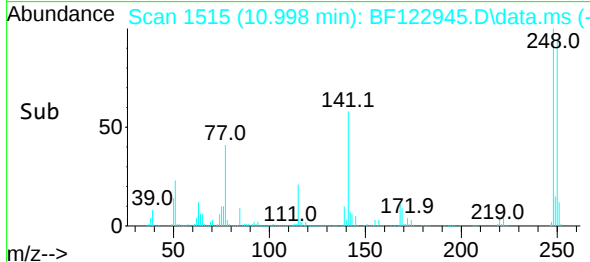
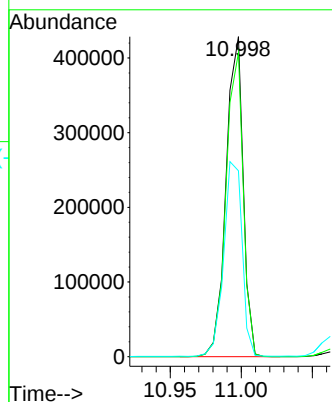
Instrument :  
BNA\_F  
ClientSampleId :  
TP-12MSD



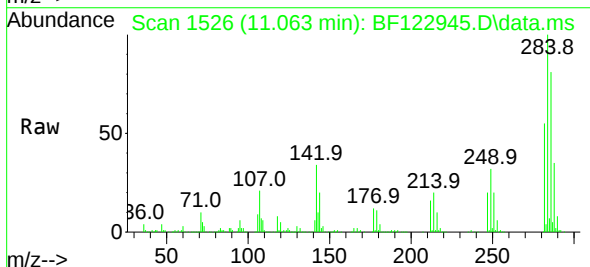
Tgt Ion:248 Resp: 358177  
Ion Ratio Lower Upper  
248 100  
250 95.0 76.8 115.2  
141 58.1 59.8 89.8#

Manual Integrations  
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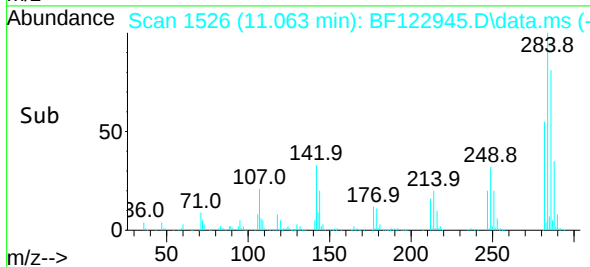
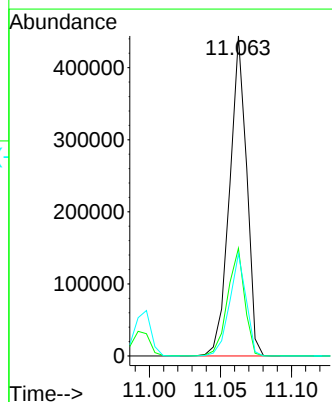
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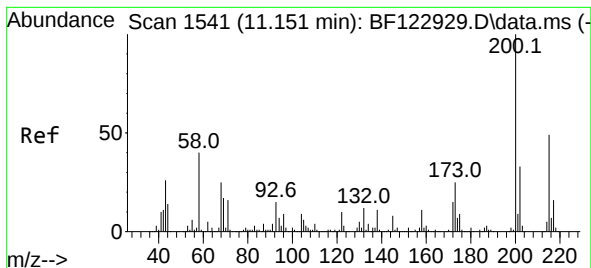


#68  
Hexachlorobenzene  
Concen: 52.94 ng  
RT: 11.063 min Scan# 1526  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30



Tgt Ion:284 Resp: 369485  
Ion Ratio Lower Upper  
284 100  
142 33.6 25.6 38.4  
249 31.9 25.1 37.7





#69

Atrazine

Concen: 47.30 ng

RT: 11.145 min Scan# 1540

Delta R.T. -0.006 min

Lab File: BF122945.D

Acq: 8 Jan 2021 17:30

Tgt Ion:200 Resp: 274221

Ion Ratio Lower Upper

200 100

173 26.7 6.6 46.6

215 49.1 28.1 68.1

Instrument :

BNA\_F

ClientSampleId :

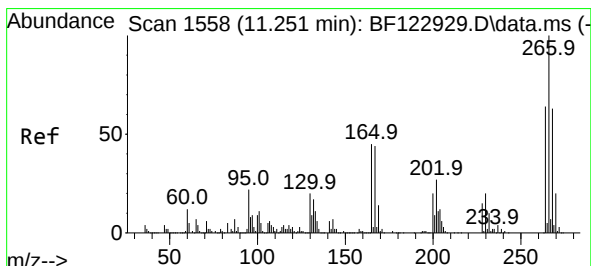
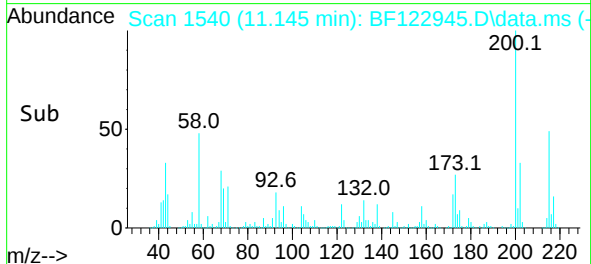
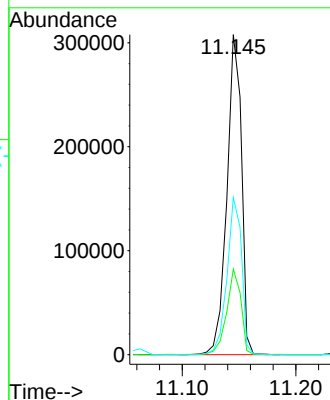
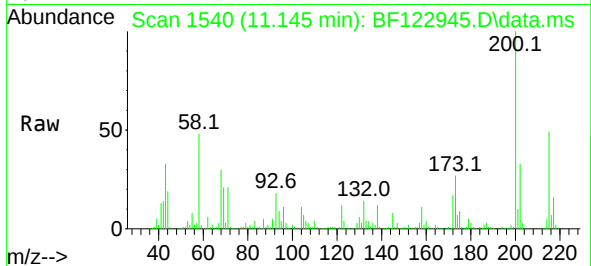
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#70

Pentachlorophenol

Concen: 103.68 ng

RT: 11.251 min Scan# 1558

Delta R.T. -0.000 min

Lab File: BF122945.D

Acq: 8 Jan 2021 17:30

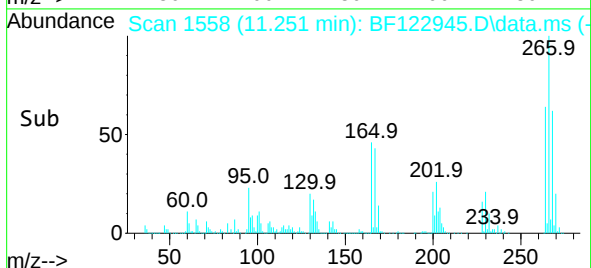
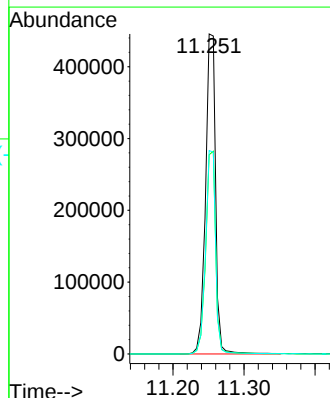
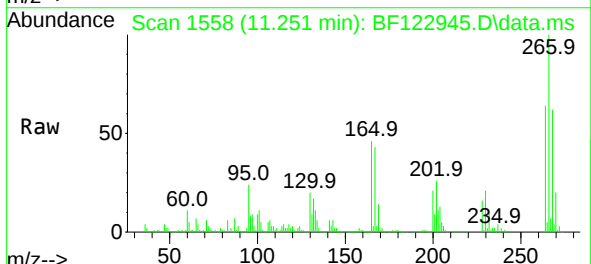
Tgt Ion:266 Resp: 438017

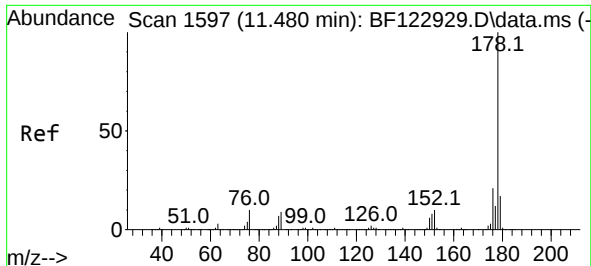
Ion Ratio Lower Upper

266 100

268 62.2 50.5 75.7

264 63.6 49.8 74.8





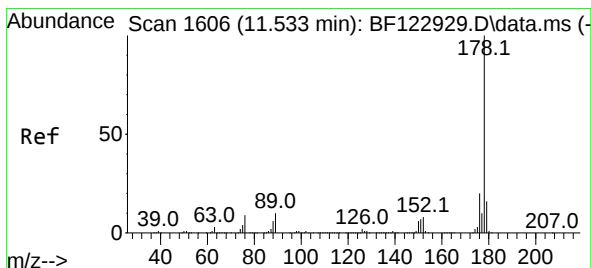
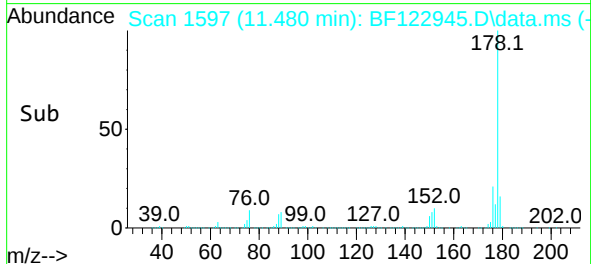
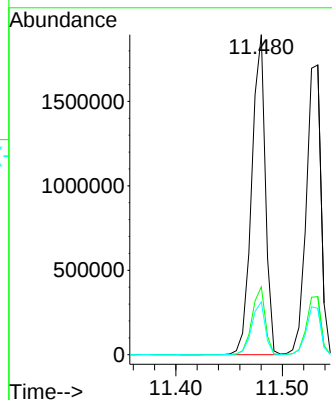
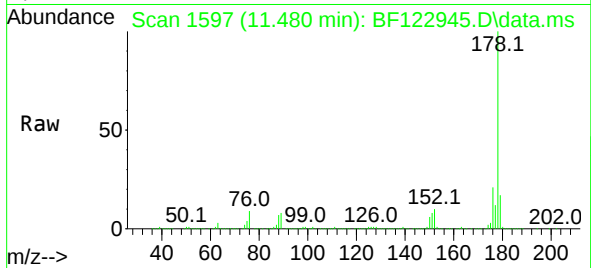
#71  
Phenanthrene  
Concen: 55.51 ng  
RT: 11.480 min Scan# 1597  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

Tgt Ion:178 Resp: 1690571  
Ion Ratio Lower Upper  
178 100  
176 21.2 16.2 24.2  
179 16.5 12.7 19.1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-12MSD

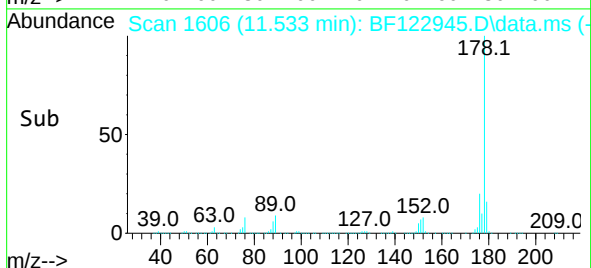
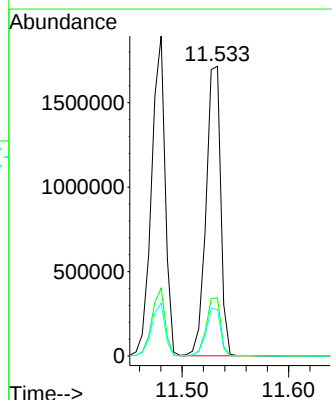
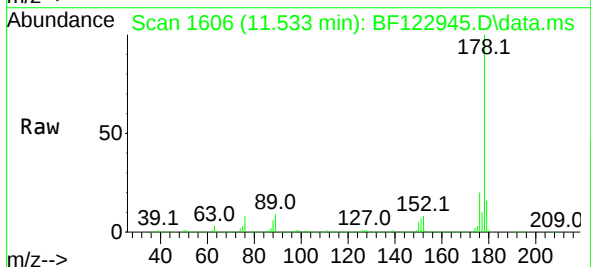
Manual Integrations  
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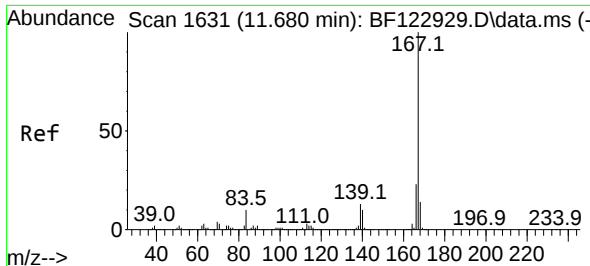
mohammad  
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#72  
Anthracene  
Concen: 54.40 ng  
RT: 11.533 min Scan# 1606  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

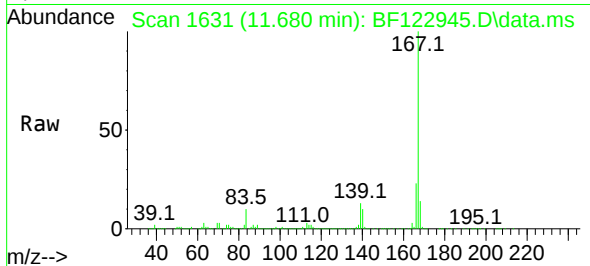
Tgt Ion:178 Resp: 1642762  
Ion Ratio Lower Upper  
178 100  
176 20.0 15.6 23.4  
179 16.0 12.8 19.2





#73  
 Carbazole  
 Concen: 50.39 ng  
 RT: 11.680 min Scan# 1631  
 Delta R.T. -0.000 min  
 Lab File: BF122945.D  
 Acq: 8 Jan 2021 17:30

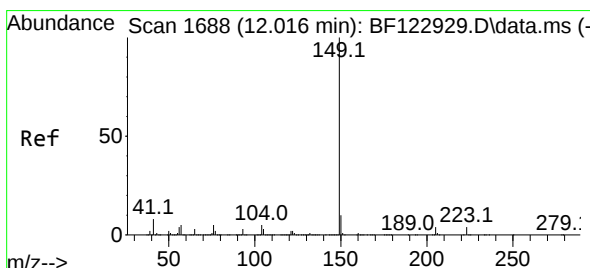
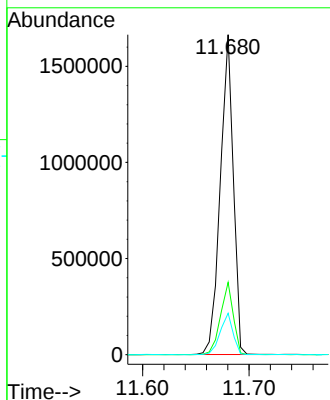
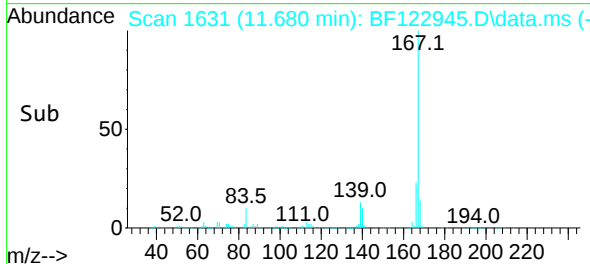
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-12MSD



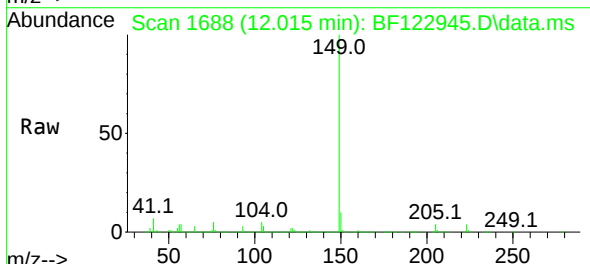
Tgt Ion:167 Resp: 1411516  
 Ion Ratio Lower Upper  
 167 100  
 166 22.6 18.0 27.0  
 139 12.9 10.9 16.3

Manual Integrations  
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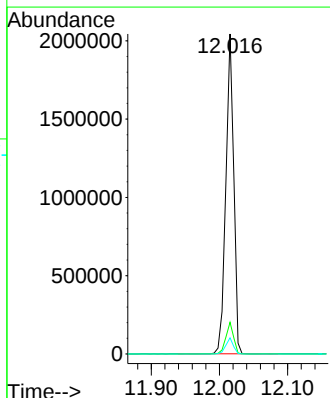
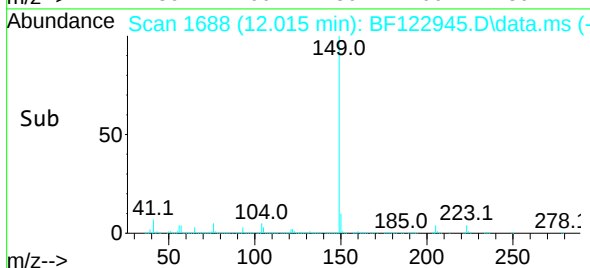
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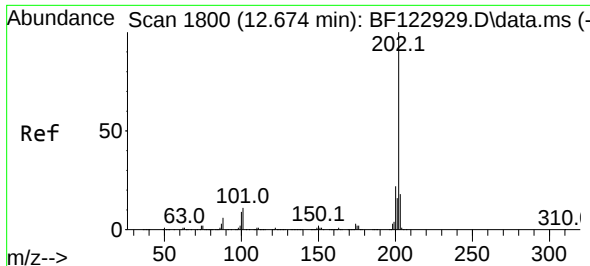


#74  
 Di-n-butylphthalate  
 Concen: 49.06 ng  
 RT: 12.015 min Scan# 1688  
 Delta R.T. -0.001 min  
 Lab File: BF122945.D  
 Acq: 8 Jan 2021 17:30

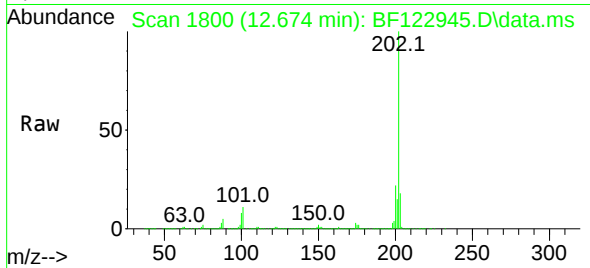


Tgt Ion:149 Resp: 1641909  
 Ion Ratio Lower Upper  
 149 100  
 150 9.9 7.8 11.6  
 104 5.0 4.2 6.4

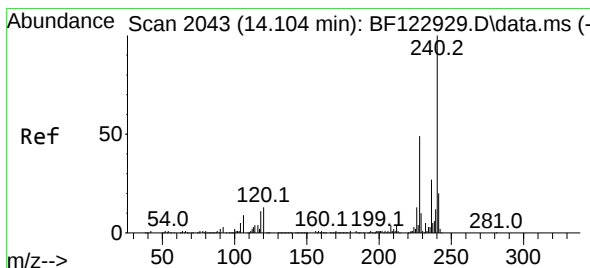
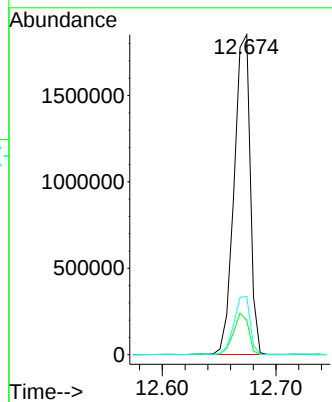
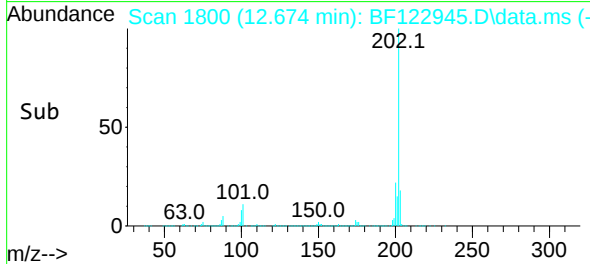




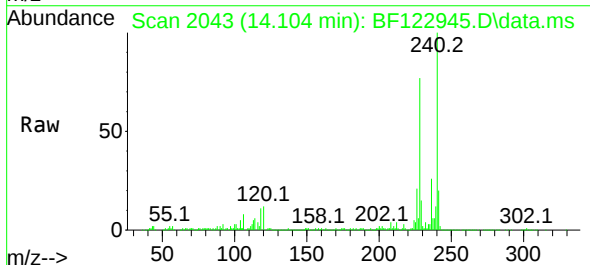
#75  
Fluoranthene  
Concen: 55.95 ng  
RT: 12.674 min Scan# 1800  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30



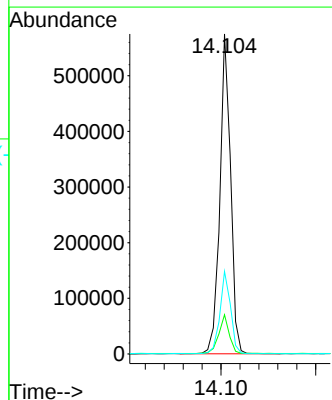
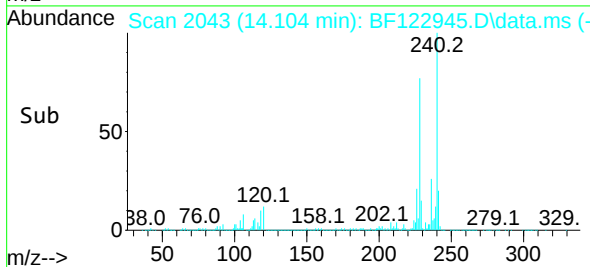
Tgt Ion:202 Resp: 1813480  
Ion Ratio Lower Upper  
202 100  
101 10.8 0.0 32.2  
203 18.2 0.0 38.1



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.104 min Scan# 2043  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30



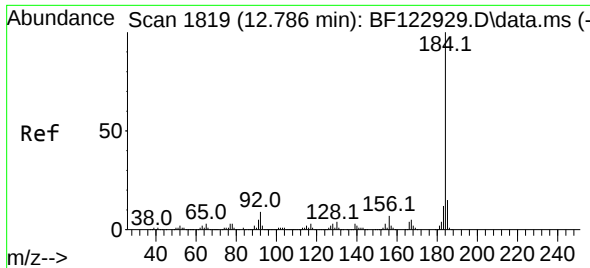
Tgt Ion:240 Resp: 449391  
Ion Ratio Lower Upper  
240 100  
120 12.2 8.6 12.8  
236 25.8 20.3 30.5



Instrument :  
BNA\_F  
ClientSampleId :  
TP-12MSD

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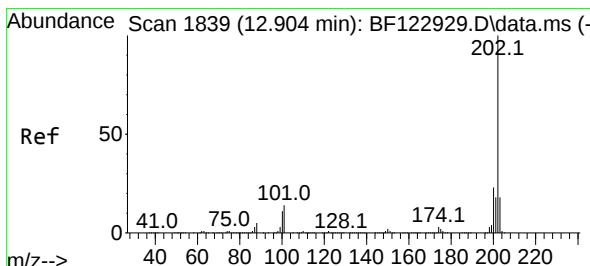
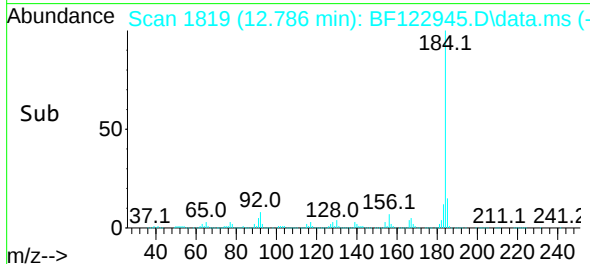
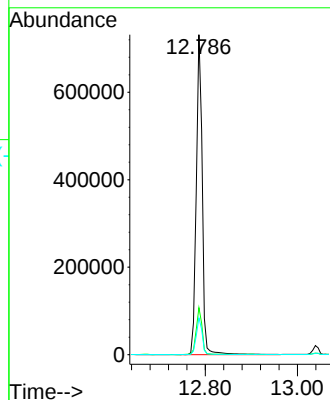
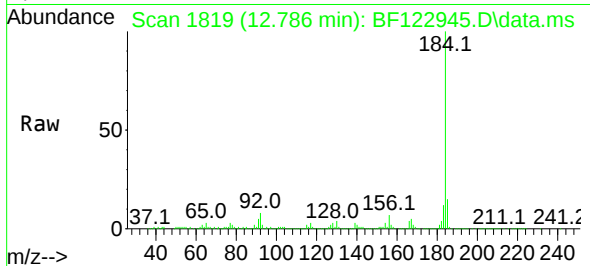
#77  
Benzidine  
Concen: 50.95 ng  
RT: 12.786 min Scan# 1819  
Delta R.T. 0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

Tgt Ion:184 Resp: 653675  
Ion Ratio Lower Upper  
184 100  
185 14.7 11.8 17.6  
183 11.5 9.7 14.5

Instrument :  
BNA\_F  
ClientSampleId :  
TP-12MSD

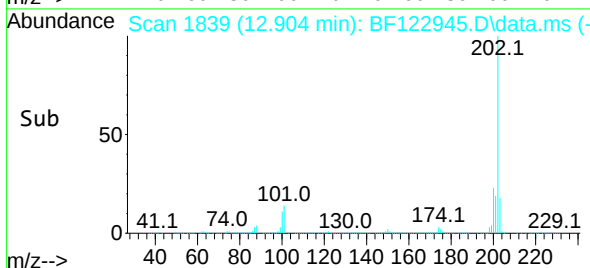
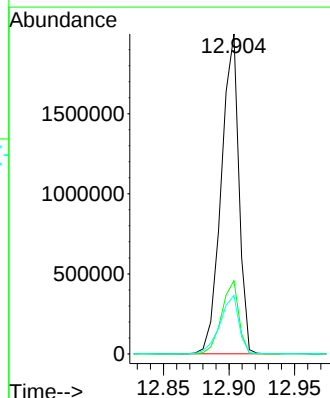
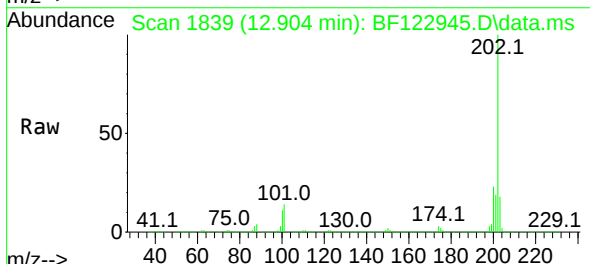
Manual Integrations  
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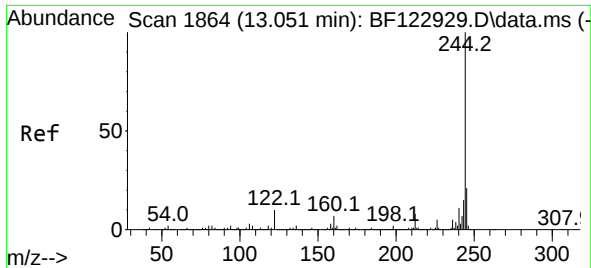
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#78  
Pyrene  
Concen: 53.20 ng  
RT: 12.904 min Scan# 1839  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

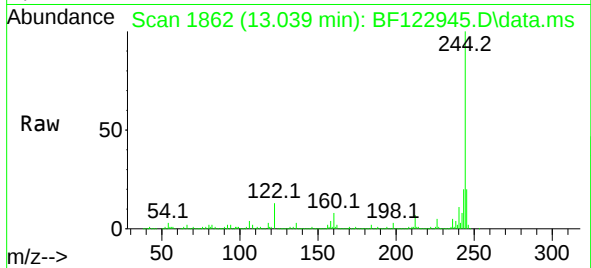
Tgt Ion:202 Resp: 1858393  
Ion Ratio Lower Upper  
202 100  
200 22.9 17.6 26.4  
203 18.3 14.6 21.8





#79  
Terphenyl-d14  
Concen: 52.35 ng  
RT: 13.039 min Scan# 1862  
Delta R.T. -0.012 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

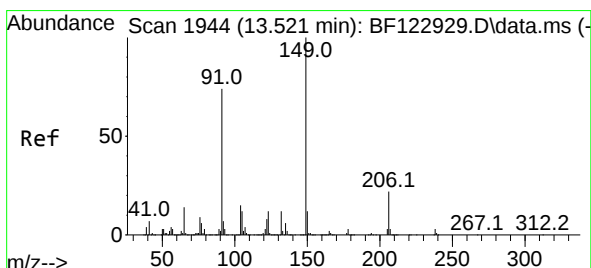
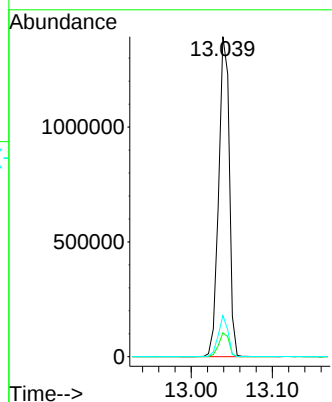
Instrument :  
BNA\_F  
ClientSampleId :  
TP-12MSD



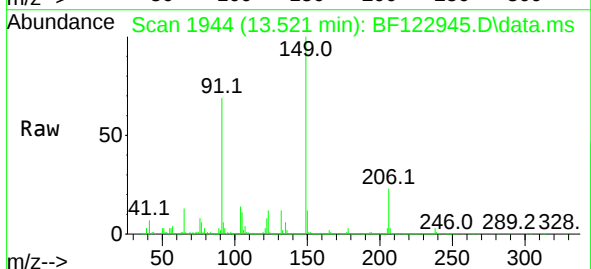
Tgt Ion:244 Resp: 1269756  
Ion Ratio Lower Upper  
244 100  
212 7.5 5.7 8.5  
122 12.9 8.3 12.5#

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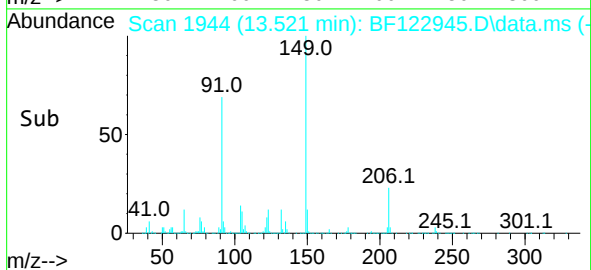
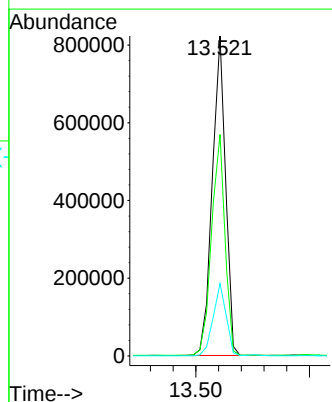
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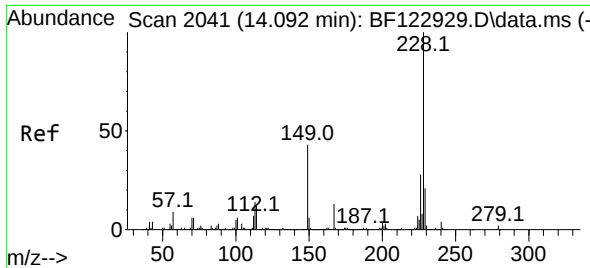


#80  
Butylbenzylphthalate  
Concen: 43.77 ng  
RT: 13.521 min Scan# 1944  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30



Tgt Ion:149 Resp: 666050  
Ion Ratio Lower Upper  
149 100  
91 69.2 56.5 84.7  
206 22.7 17.0 25.6





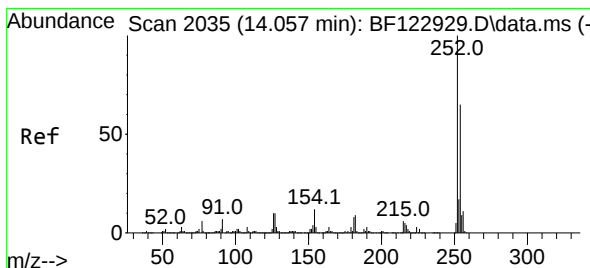
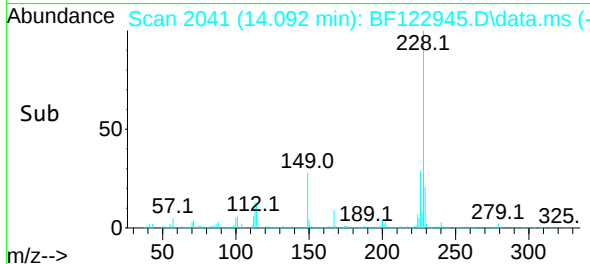
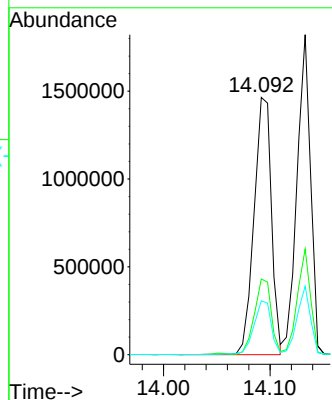
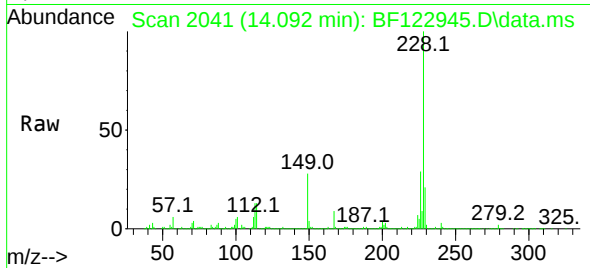
#81  
Benzo(a)anthracene  
Concen: 55.00 ng  
RT: 14.092 min Scan# 2041  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

Tgt Ion:228 Resp: 1658624  
Ion Ratio Lower Upper  
228 100  
226 29.4 23.0 34.4  
229 20.9 16.6 24.8

Instrument :  
BNA\_F  
ClientSampleId :  
TP-12MSD

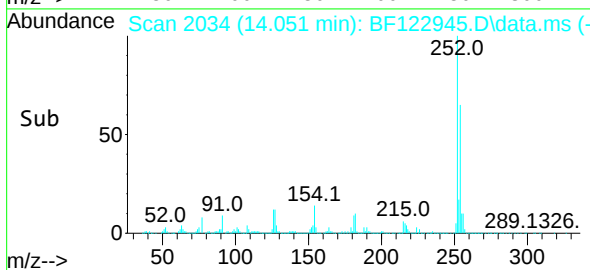
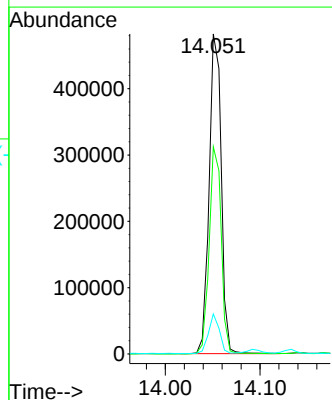
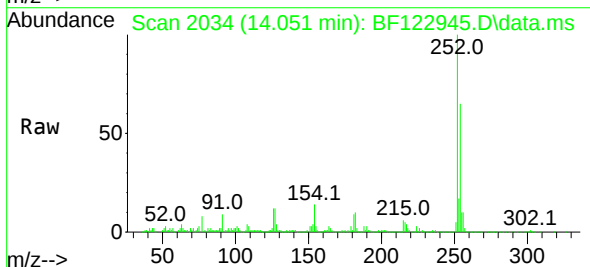
Manual Integrations  
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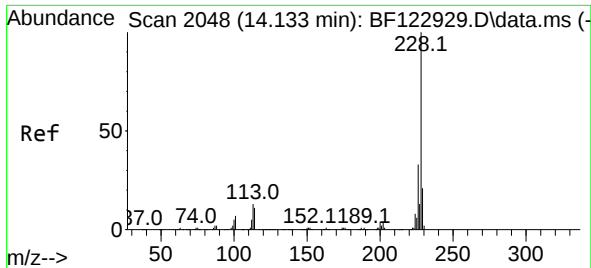
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#82  
3,3'-Dichlorobenzidine  
Concen: 42.56 ng  
RT: 14.051 min Scan# 2034  
Delta R.T. -0.006 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

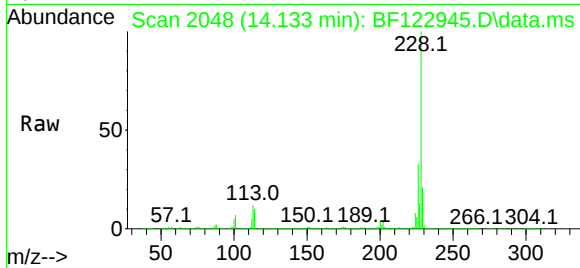
Tgt Ion:252 Resp: 426646  
Ion Ratio Lower Upper  
252 100  
254 64.8 52.7 79.1  
126 12.5 8.0 12.0#





#83  
Chrysene  
Concen: 55.23 ng  
RT: 14.133 min Scan# 2048  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

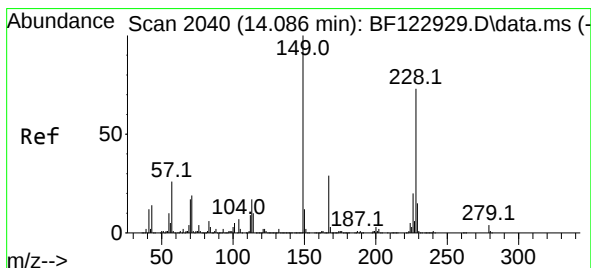
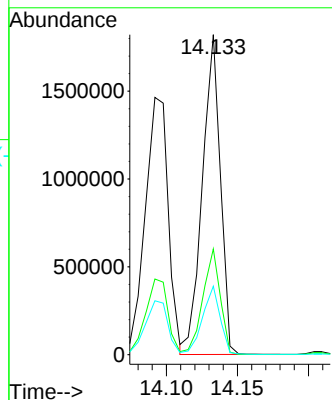
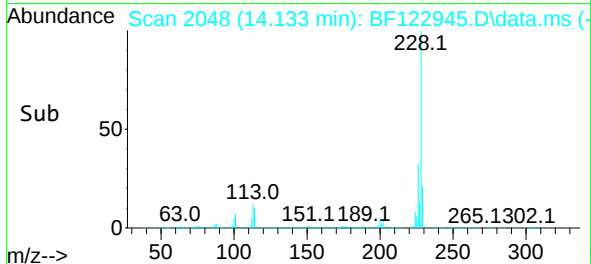
Instrument :  
BNA\_F  
ClientSampled :  
TP-12MSD



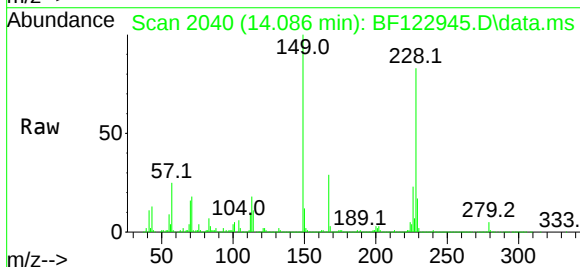
Tgt Ion:228 Resp: 1605481  
Ion Ratio Lower Upper  
228 100  
226 33.0 24.6 36.8  
229 21.4 15.8 23.6

Manual Integrations  
APPROVED

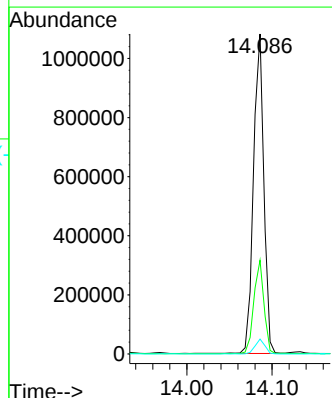
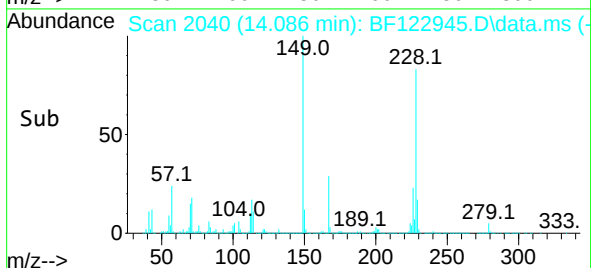
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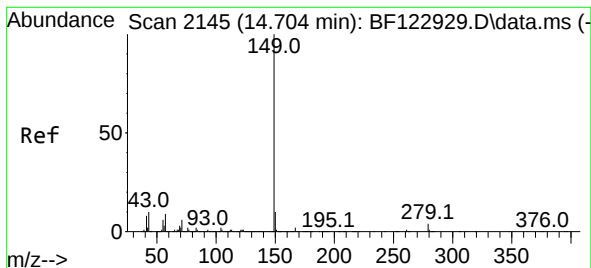


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 45.63 ng  
RT: 14.086 min Scan# 2040  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30



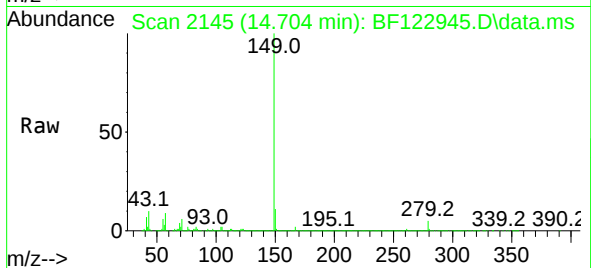
Tgt Ion:149 Resp: 911869  
Ion Ratio Lower Upper  
149 100  
167 29.3 21.4 32.2  
279 4.7 3.4 5.0



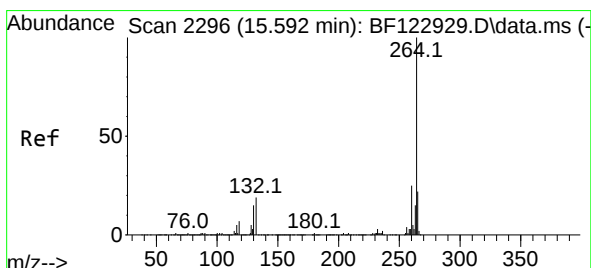
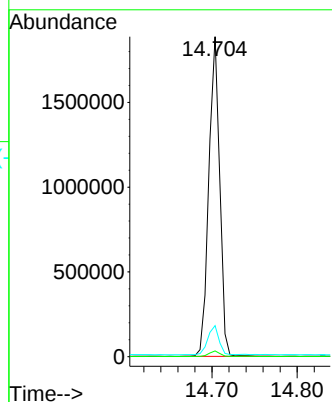
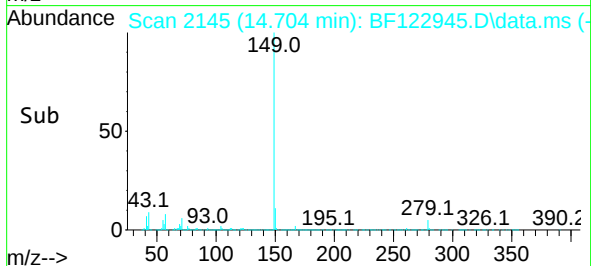


#85  
Di-n-octyl phthalate  
Concen: 49.36 ng  
RT: 14.704 min Scan# 2145  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

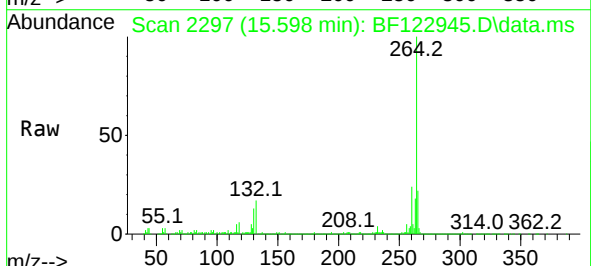
Instrument :  
BNA\_F  
ClientSampleId :  
TP-12MSD



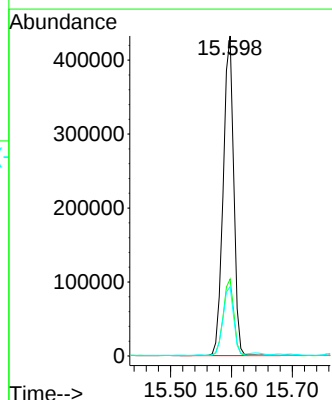
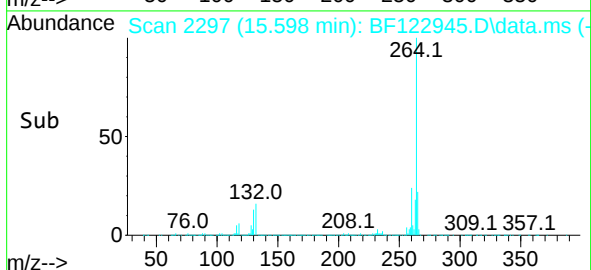
Tgt Ion:149 Resp: 1669787  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 9.4 7.6 11.4

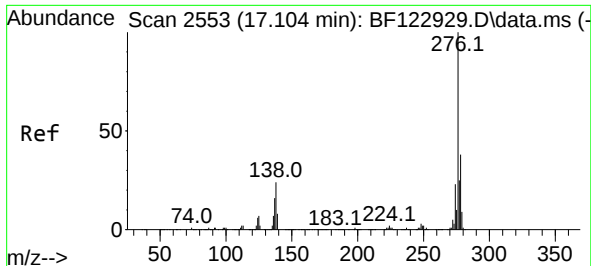


#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.598 min Scan# 2297  
Delta R.T. 0.006 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30



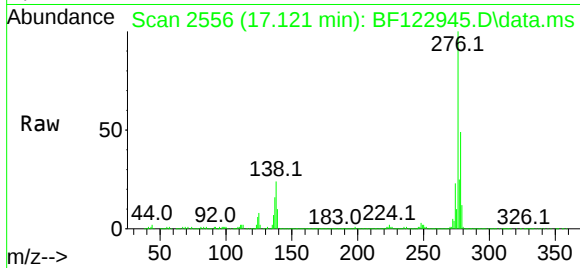
Tgt Ion:264 Resp: 516368  
Ion Ratio Lower Upper  
264 100  
260 24.0 18.6 28.0  
265 21.7 17.0 25.6





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 65.94 ng  
RT: 17.121 min Scan# 2556  
Delta R.T. 0.017 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

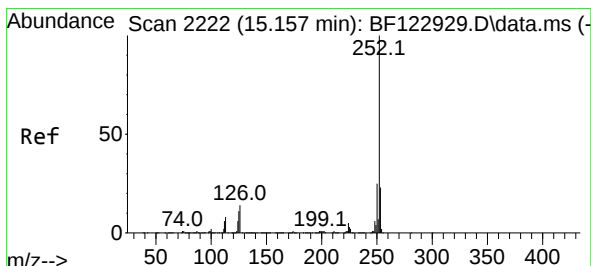
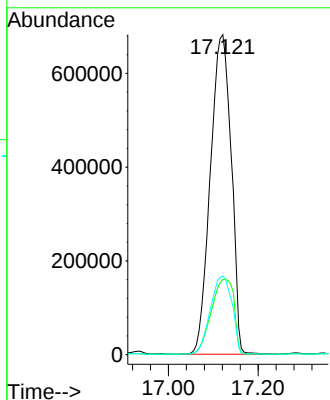
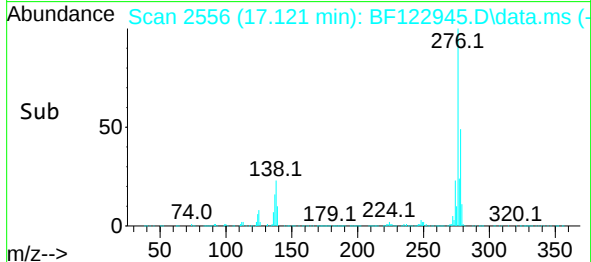
Instrument :  
BNA\_F  
ClientSampleId :  
TP-12MSD



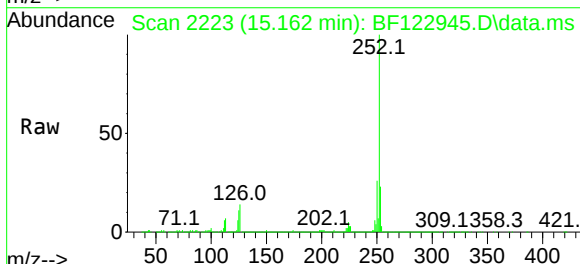
Tgt Ion:276 Resp: 2200666  
Ion Ratio Lower Upper  
276 100  
138 25.5 18.7 28.1  
277 25.4 20.2 30.4

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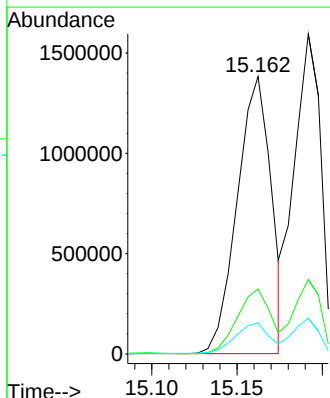
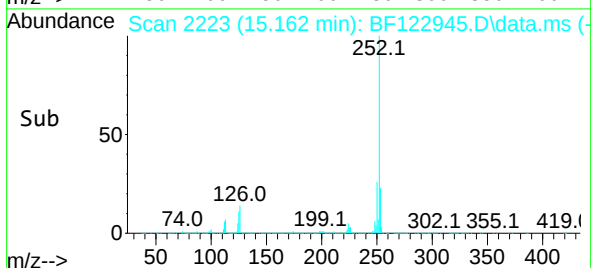
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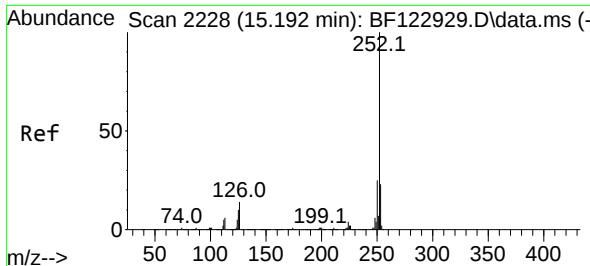


#88  
Benzo(b)fluoranthene  
Concen: 52.80 ng  
RT: 15.162 min Scan# 2223  
Delta R.T. 0.006 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30



Tgt Ion:252 Resp: 1916413  
Ion Ratio Lower Upper  
252 100  
253 23.4 18.3 27.5  
125 11.2 8.1 12.1





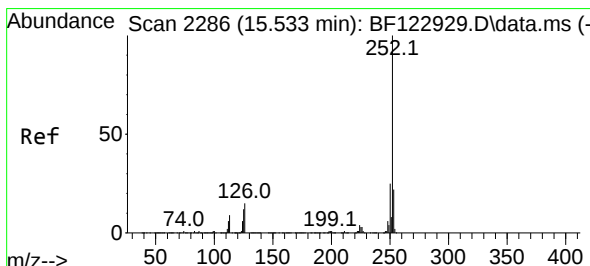
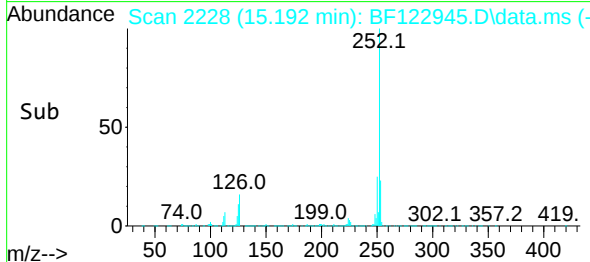
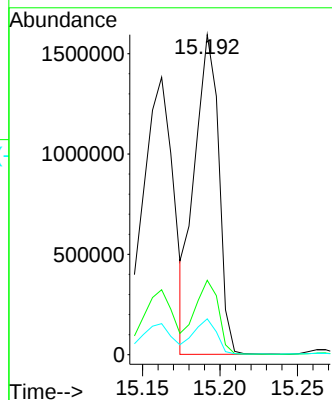
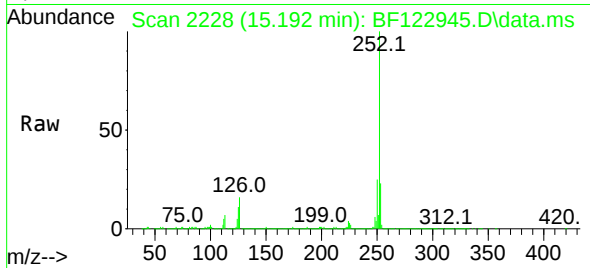
#89  
Benzo(k)fluoranthene  
Concen: 51.65 ng  
RT: 15.192 min Scan# 2228  
Delta R.T. -0.000 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

Tgt Ion:252 Resp: 1726434  
Ion Ratio Lower Upper  
252 100  
253 23.2 17.8 26.8  
125 11.2 8.4 12.6

Instrument :  
BNA\_F  
ClientSampleId :  
TP-12MSD

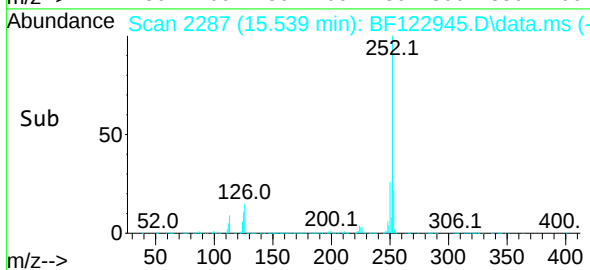
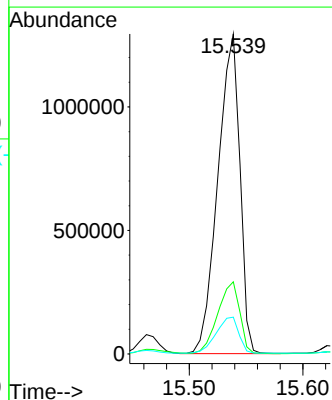
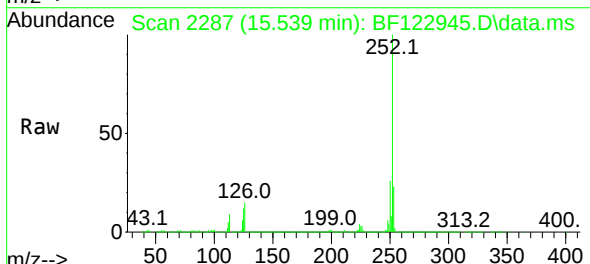
Manual Integrations  
APPROVED

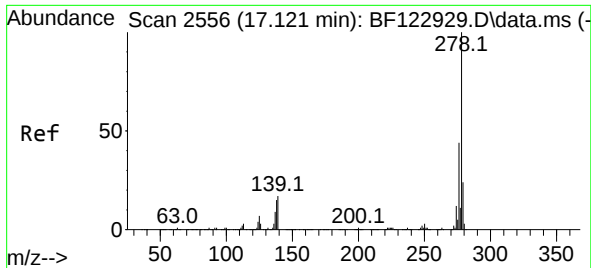
mohammad  
1/11/2021 10:27:26 AM



#90  
Benzo(a)pyrene  
Concen: 54.54 ng  
RT: 15.539 min Scan# 2287  
Delta R.T. 0.006 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

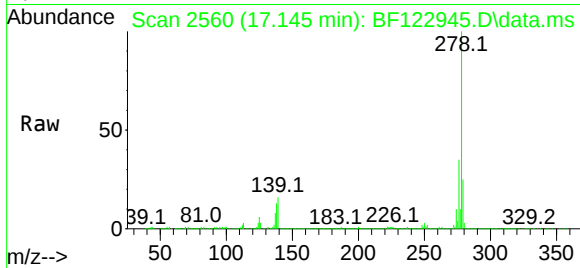
Tgt Ion:252 Resp: 1739557  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.5 26.3  
125 11.5 8.6 12.8





#91  
Dibenzo(a,h)anthracene  
Concen: 63.96 ng  
RT: 17.145 min Scan# 2560  
Delta R.T. 0.023 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30

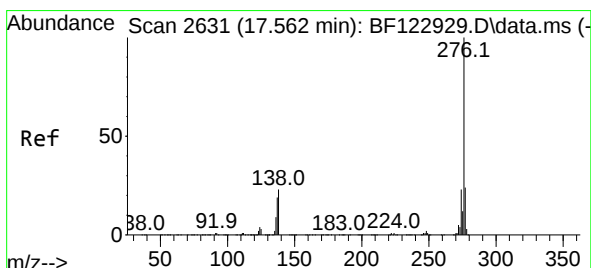
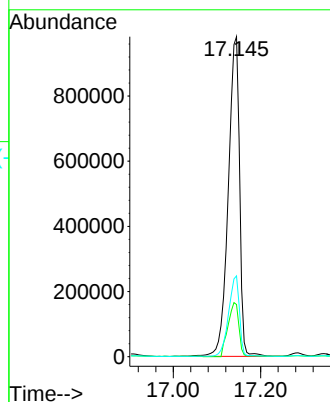
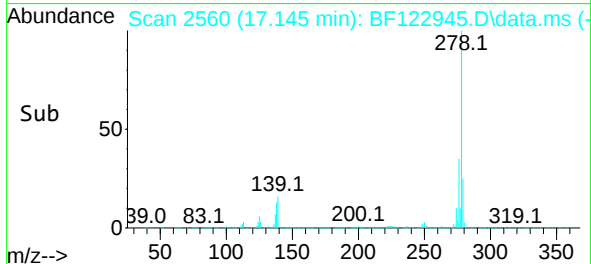
Instrument :  
BNA\_F  
ClientSampleId :  
TP-12MSD



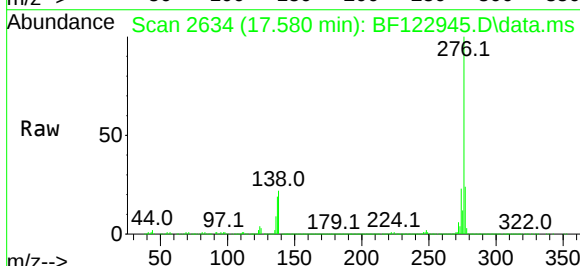
Tgt Ion:278 Resp: 1750861  
Ion Ratio Lower Upper  
278 100  
139 16.3 12.0 18.0  
279 25.3 19.4 29.2

Manual Integrations  
APPROVED

mohammad  
1/11/2021 10:27:26 AM



#92  
Benzo(g,h,i)perylene  
Concen: 70.58 ng  
RT: 17.580 min Scan# 2634  
Delta R.T. 0.017 min  
Lab File: BF122945.D  
Acq: 8 Jan 2021 17:30



Tgt Ion:276 Resp: 1839548  
Ion Ratio Lower Upper  
276 100  
277 24.3 19.3 28.9  
138 22.5 16.6 24.8

