

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072823\  
 Data File : BP016413.D  
 Acq On : 28 Jul 2023 09:12  
 Operator : MA/JU  
 Sample : PB154218BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB154218BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/29/2023  
 Supervised By :mohammad ahmed 07/29/2023

Quant Time: Jul 28 09:42:23 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP072723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 28 01:48:25 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.093  | 152  | 349249   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.922 | 136  | 1482472  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.734 | 164  | 905687   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.498 | 188  | 1936048  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.586 | 240  | 1800693  | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 24.186 | 264  | 1921990  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.605  | 112  | 3740829  | 174.742 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.228  | 99   | 4876401  | 166.186 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.287  | 82   | 2835785  | 107.080 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.228 | 330  | 1794162  | 134.657 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.363 | 172  | 6363208  | 100.727 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.039 | 244  | 9627065  | 112.937 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.458  | 88   | 339114   | 40.616  | ng    | 97       |
| 3) Pyridine                   | 3.870  | 79   | 973075   | 38.989  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.799  | 42   | 469006   | 49.842  | ng    | 95       |
| 6) Aniline                    | 7.422  | 93   | 1705082  | 47.045  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.646  | 128  | 1231360  | 54.859  | ng    | 97       |
| 9) Benzaldehyde               | 7.240  | 77   | 705420   | 59.679  | ng    | 98       |
| 10) Phenol                    | 7.258  | 94   | 1620333  | 56.863  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.522  | 93   | 1168885  | 50.462  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.969  | 146  | 1246107  | 51.714  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 8.128  | 146  | 1275704  | 52.191  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.440  | 146  | 1229593  | 52.247  | ng    | 98       |
| 15) Benzyl Alcohol            | 8.340  | 79   | 1076772  | 53.713  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.622  | 45   | 1390651  | 52.938  | ng    | 98       |
| 17) 2-Methylphenol            | 8.522  | 107  | 1068331  | 52.021  | ng    | 98       |
| 18) Hexachloroethane          | 9.169  | 117  | 463513   | 53.163  | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 8.910  | 70   | 917247   | 49.897  | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.858  | 107  | 1454320  | 52.142  | ng    | 100      |
| 22) Acetophenone              | 8.940  | 105  | 1820744  | 48.644  | ng    | # 99     |
| 24) Nitrobenzene              | 9.334  | 77   | 1345300  | 49.458  | ng    | 98       |
| 25) Isophorone                | 9.846  | 82   | 2553093  | 47.751  | ng    | 99       |
| 26) 2-Nitrophenol             | 10.034 | 139  | 528732   | 45.289  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 10.069 | 122  | 1259426  | 52.652  | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 10.334 | 93   | 1598585  | 48.811  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.557 | 162  | 1156555  | 51.665  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.769 | 180  | 1153341  | 47.567  | ng    | 98       |
| 31) Naphthalene               | 10.975 | 128  | 3686346  | 47.539  | ng    | 99       |
| 32) Benzoic acid              | 10.199 | 122  | 694339   | 44.735  | ng    | 96       |
| 33) 4-Chloroaniline           | 11.099 | 127  | 1093818  | 31.271  | ng    | 98       |
| 34) Hexachlorobutadiene       | 11.210 | 225  | 636180   | 44.317  | ng    | 99       |
| 35) Caprolactam               | 11.910 | 113  | 411165m  | 50.265  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 12.187 | 107  | 1284659  | 51.627  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.569 | 142  | 2561642  | 45.473  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.793 | 142  | 2410662  | 45.645  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.916 | 216  | 1245495  | 45.253  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.875 | 237  | 1617975  | 117.048 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 13.163 | 196  | 888023   | 50.285  | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072823\  
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 Sample : PB154218BS  
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 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
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Reviewed By :Yogesh Patel 07/29/2023  
 Supervised By :mohammad ahmed 07/29/2023

Quant Time: Jul 28 09:42:23 2023  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 28 01:48:25 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.228 | 196  | 994065   | 46.397  | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.575 | 154  | 3285804  | 47.594  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.622 | 162  | 2558166  | 49.115  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.840 | 65   | 772319   | 52.604  | ng    | 97       |
| 49) Acenaphthylene            | 14.463 | 152  | 4156482  | 48.096  | ng    | 99       |
| 50) Dimethylphthalate         | 14.198 | 163  | 3340748  | 47.335  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.328 | 165  | 713909   | 49.376  | ng    | 90       |
| 52) Acenaphthene              | 14.798 | 154  | 2469468  | 48.053  | ng    | 100      |
| 53) 3-Nitroaniline            | 14.663 | 138  | 657374   | 40.216  | ng    | 93       |
| 54) 2,4-Dinitrophenol         | 14.863 | 184  | 640485   | 93.221  | ng    | 97       |
| 55) Dibenzofuran              | 15.134 | 168  | 3942045  | 46.771  | ng    | 99       |
| 56) 4-Nitrophenol             | 14.945 | 139  | 1486507  | 116.172 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 15.110 | 165  | 986415   | 52.348  | ng    | 95       |
| 58) Fluorene                  | 15.787 | 166  | 3149698  | 47.567  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.345 | 232  | 858146   | 48.690  | ng    | 93       |
| 60) Diethylphthalate          | 15.551 | 149  | 3364953  | 47.976  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.775 | 204  | 1520032  | 45.491  | ng    | 97       |
| 62) 4-Nitroaniline            | 15.834 | 138  | 795278   | 49.024  | ng    | 98       |
| 63) Azobenzene                | 16.075 | 77   | 3281647  | 49.552  | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.857 | 198  | 440199   | 48.485  | ng    | 91       |
| 66) n-Nitrosodiphenylamine    | 15.998 | 169  | 2842176  | 49.813  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.681 | 248  | 952234   | 46.450  | ng    | 97       |
| 68) Hexachlorobenzene         | 16.757 | 284  | 1078520  | 47.176  | ng    | 95       |
| 69) Atrazine                  | 16.951 | 200  | 1032546  | 60.850  | ng    | 99       |
| 70) Pentachlorophenol         | 17.122 | 266  | 1435150  | 90.714  | ng    | 93       |
| 71) Phenanthrene              | 17.539 | 178  | 5116543  | 49.770  | ng    | 99       |
| 72) Anthracene                | 17.634 | 178  | 5172465  | 50.037  | ng    | 100      |
| 73) Carbazole                 | 17.910 | 167  | 5010557  | 51.700  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.428 | 149  | 5800118  | 51.729  | ng    | 99       |
| 75) Fluoranthene              | 19.498 | 202  | 5895759  | 48.930  | ng    | 98       |
| 77) Benzidine                 | 19.692 | 184  | 3634689  | 116.422 | ng    | 100      |
| 78) Pyrene                    | 19.851 | 202  | 6106780  | 50.591  | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.716 | 149  | 2565593  | 54.102  | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.569 | 228  | 5963984  | 49.363  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.504 | 252  | 1675491  | 42.246  | ng #  | 99       |
| 83) Chrysene                  | 21.627 | 228  | 5568410  | 48.265  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.463 | 149  | 3812490  | 53.548  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.457 | 149  | 6545317  | 54.662  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.968 | 276  | 6391410  | 49.325  | ng    | 96       |
| 88) Benzo(b)fluoranthene      | 23.380 | 252  | 6021553  | 54.048  | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.433 | 252  | 6103087  | 53.863  | ng    | 98       |
| 90) Benzo(a)pyrene            | 24.074 | 252  | 5259975  | 48.742  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 26.998 | 278  | 5385970  | 49.842  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 27.827 | 276  | 5027325  | 48.277  | ng    | 97       |

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

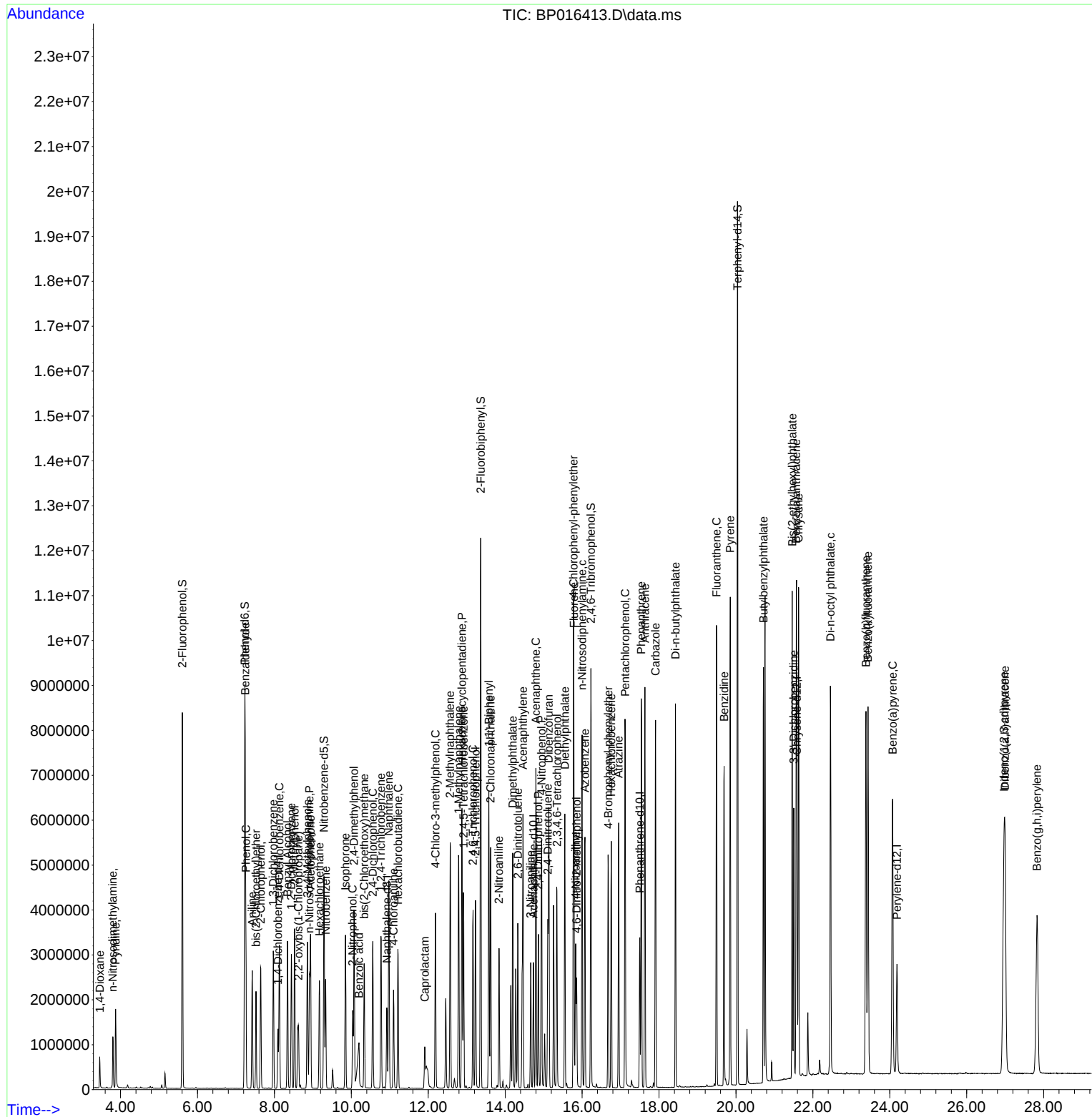
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072823\  
Data File : BP016413.D  
Acq On : 28 Jul 2023 09:12  
Operator : MA/JU  
Sample : PB154218BS  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

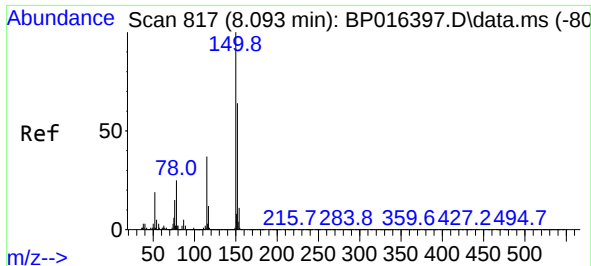
Instrument :  
BNA\_P  
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PB154218BS

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 07/29/2023  
Supervised By :mohammad ahmed 07/29/2023

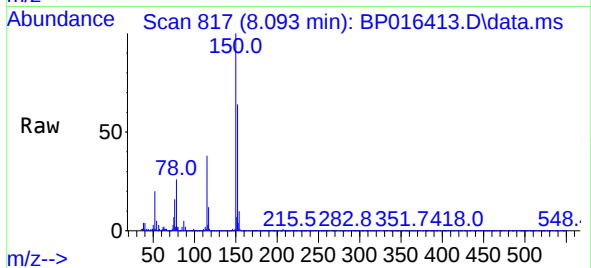
Quant Time: Jul 28 09:42:23 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP072723.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jul 28 01:48:25 2023  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.093 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

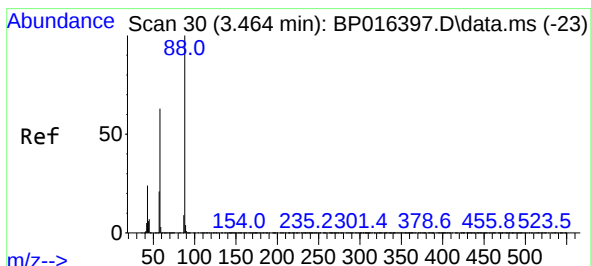
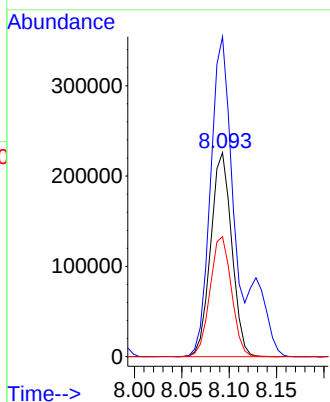
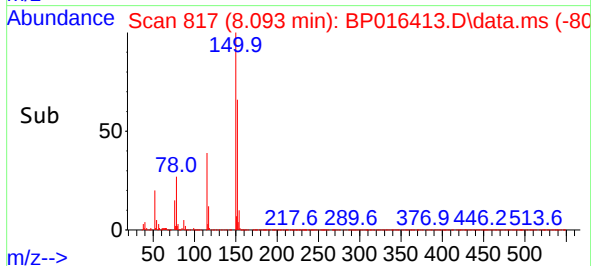
Instrument :  
BNA\_P  
ClientSampleId :  
PB154218BS



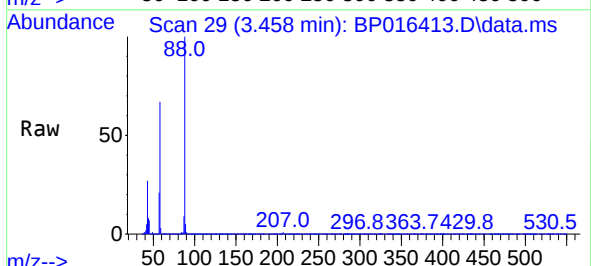
Tgt Ion:152 Resp: 349249  
Ion Ratio Lower Upper  
152 100  
150 156.8 124.9 187.3  
115 58.8 46.8 70.2

Manual Integrations  
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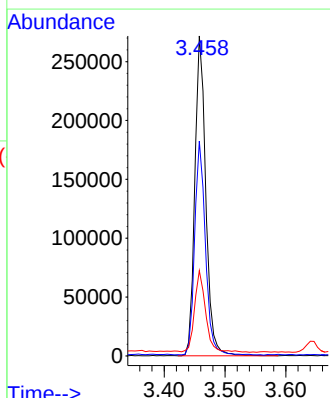
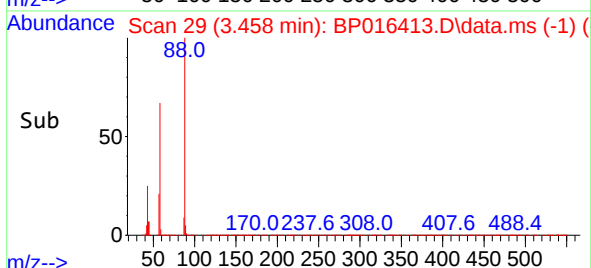
Reviewed By :Yogesh Patel 07/29/2023  
Supervised By :mohammad ahmed 07/29/2023

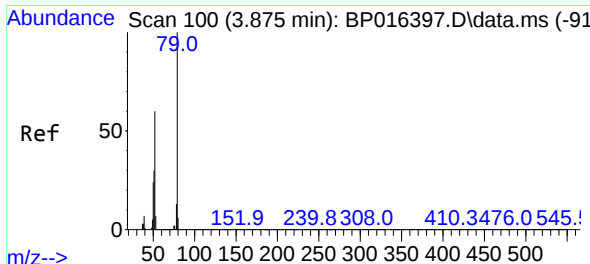


#2  
1,4-Dioxane  
Concen: 40.616 ng  
RT: 3.458 min Scan# 29  
Delta R.T. -0.006 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12



Tgt Ion: 88 Resp: 339114  
Ion Ratio Lower Upper  
88 100  
58 66.3 51.7 77.5  
43 25.9 19.2 28.8





#3  
Pyridine  
Concen: 38.989 ng  
RT: 3.870 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Instrument :

BNA\_P

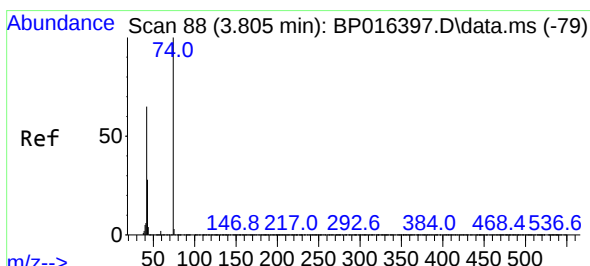
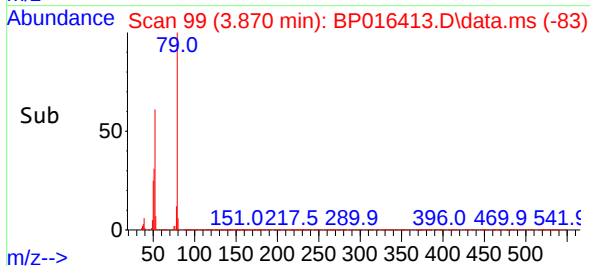
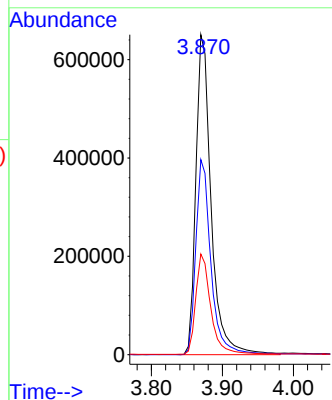
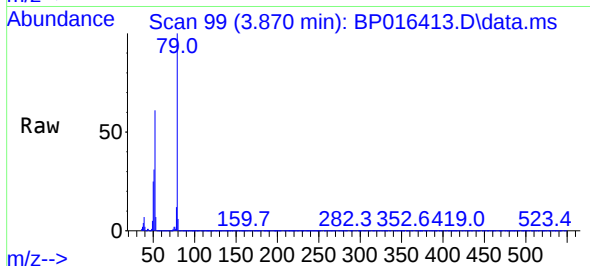
ClientSampleId :

PB154218BS

Tgt Ion: 79 Resp: 97307  
Ion Ratio Lower Upper  
79 100  
52 61.0 47.9 71.9  
51 31.5 24.4 36.6

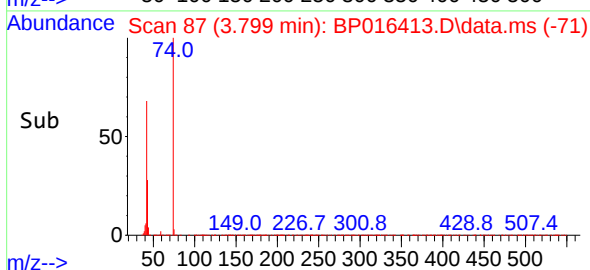
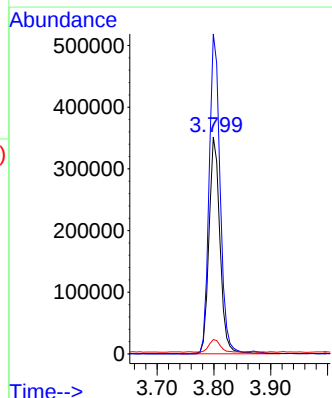
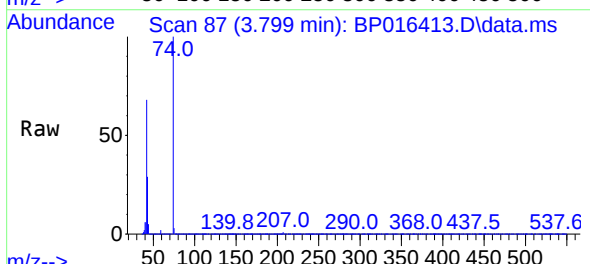
Manual Integrations  
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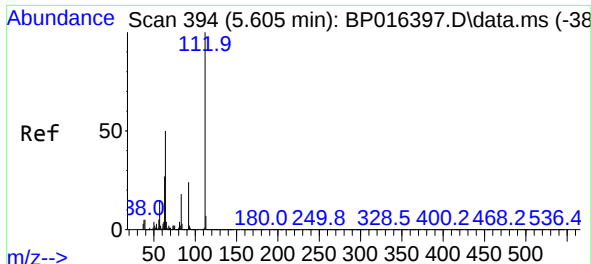
Reviewed By :Yogesh Patel 07/29/2023  
Supervised By :mohammad ahmed 07/29/2023



#4  
n-Nitrosodimethylamine  
Concen: 49.842 ng  
RT: 3.799 min Scan# 87  
Delta R.T. -0.006 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Tgt Ion: 42 Resp: 469006  
Ion Ratio Lower Upper  
42 100  
74 147.4 123.8 185.8  
44 6.7 5.5 8.3





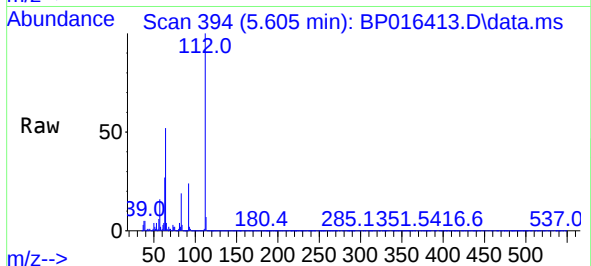
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2-Fluorophenol  
Concen: 174.742 ng  
RT: 5.605 min Scan# 394  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Instrument :

BNA\_P

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PB154218BS



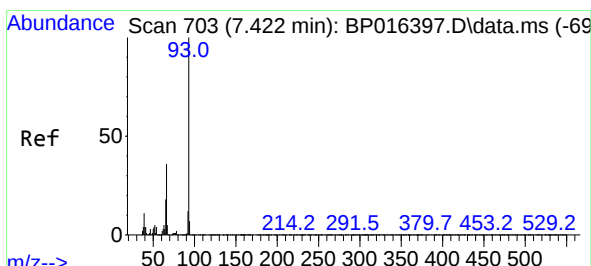
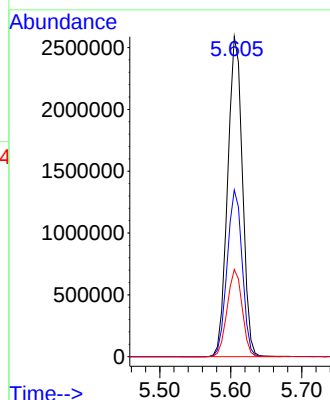
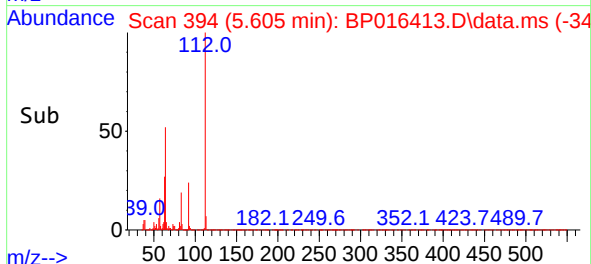
Tgt Ion:112 Resp: 3740829  
Ion Ratio Lower Upper  
112 100  
64 52.1 40.0 60.0  
63 27.3 21.2 31.8

Manual Integrations

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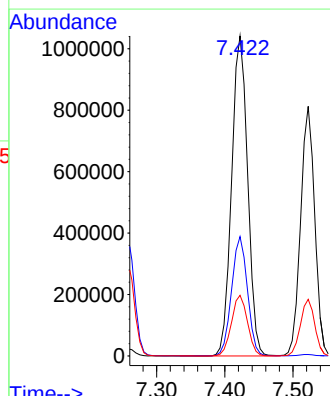
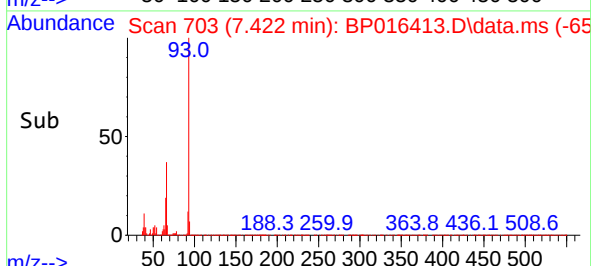
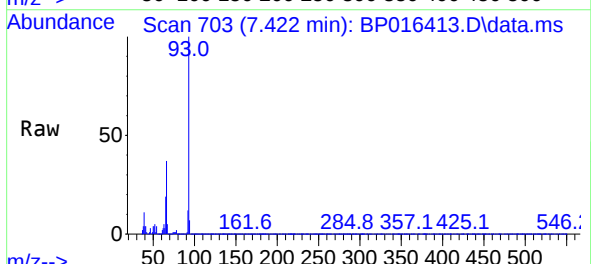
Reviewed By :Yogesh Patel 07/29/2023

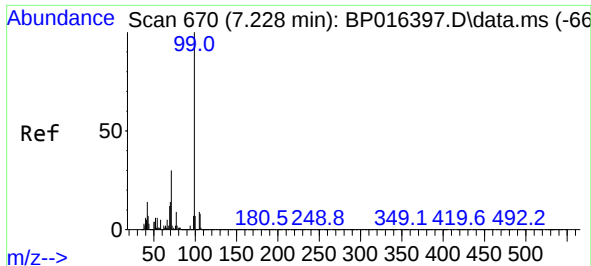
Supervised By :mohammad ahmed 07/29/2023



#6  
Aniline  
Concen: 47.045 ng  
RT: 7.422 min Scan# 703  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Tgt Ion: 93 Resp: 1705082  
Ion Ratio Lower Upper  
93 100  
66 37.3 28.9 43.3  
65 18.9 14.7 22.1





#7  
Phenol-d6  
Concen: 166.186 ng  
RT: 7.228 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
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Instrument :

BNA\_P

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PB154218BS

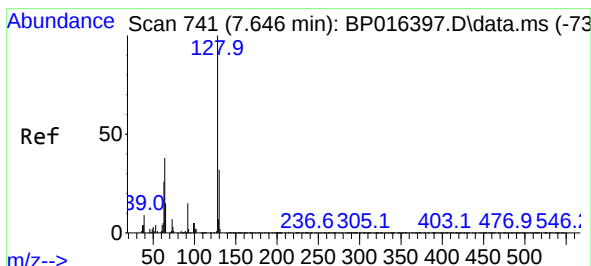
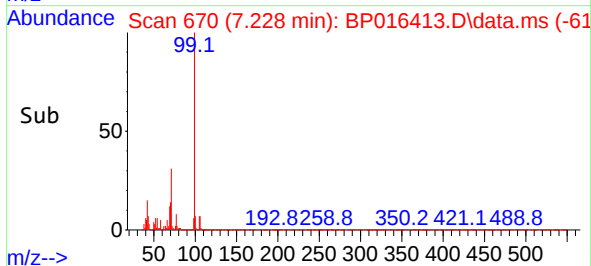
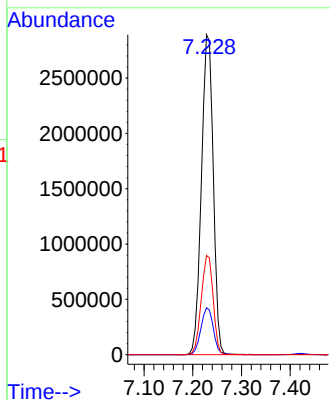
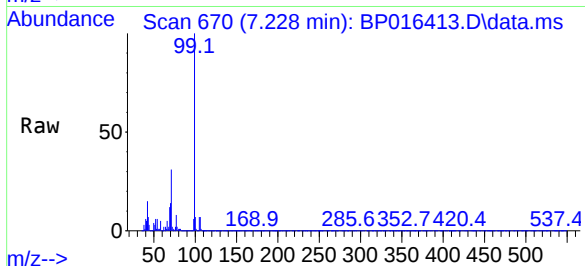
Tgt Ion: 99 Resp: 487640  
Ion Ratio Lower Upper  
99 100  
42 14.7 11.6 17.4  
71 31.0 24.3 36.5

Manual Integrations

APPROVED

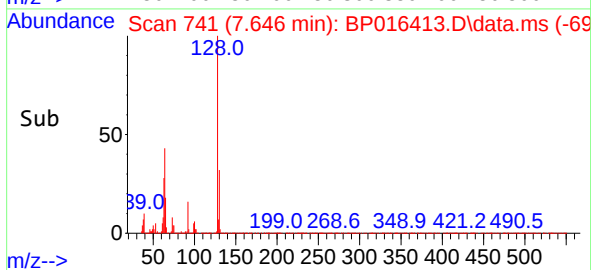
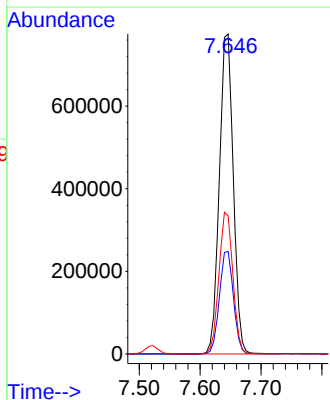
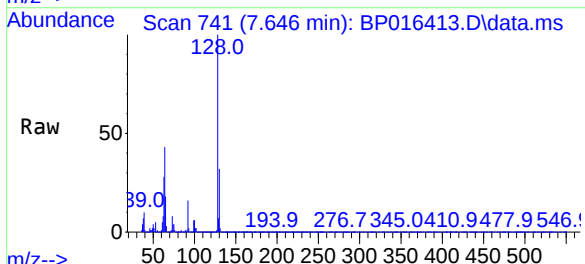
Reviewed By :Yogesh Patel 07/29/2023

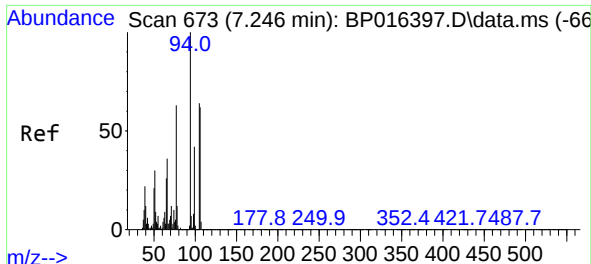
Supervised By :mohammad ahmed 07/29/2023



#8  
2-Chlorophenol  
Concen: 54.859 ng  
RT: 7.646 min Scan# 741  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Tgt Ion:128 Resp: 1231360  
Ion Ratio Lower Upper  
128 100  
130 32.1 11.6 51.6  
64 43.1 20.6 60.6





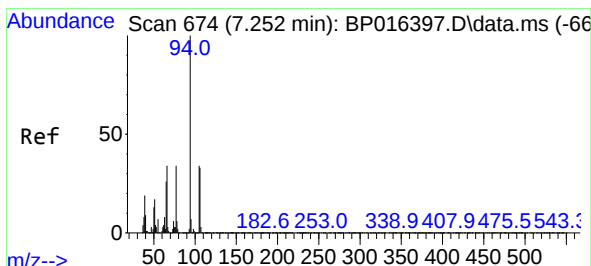
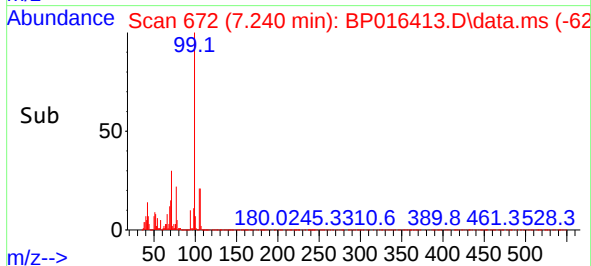
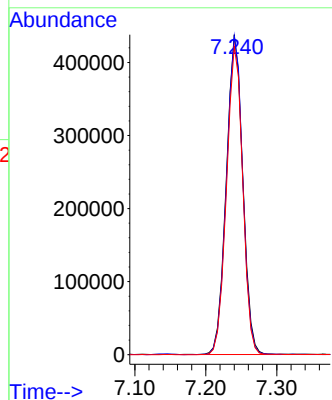
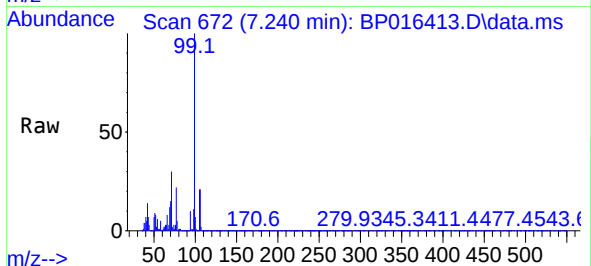
#9  
Benzaldehyde  
Concen: 59.679 ng  
RT: 7.240 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Instrument :  
BNA\_P  
ClientSampleId :  
PB154218BS

Tgt Ion: 77 Resp: 705420  
Ion Ratio Lower Upper  
77 100  
105 99.6 81.9 121.9  
106 96.3 78.8 118.8

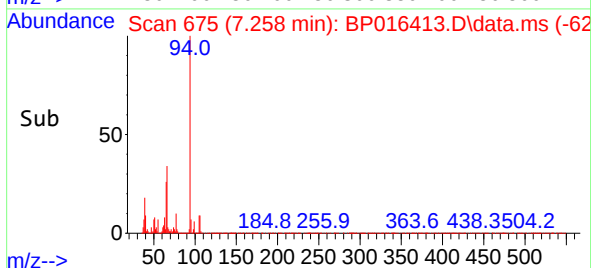
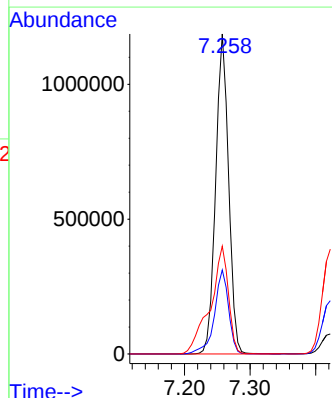
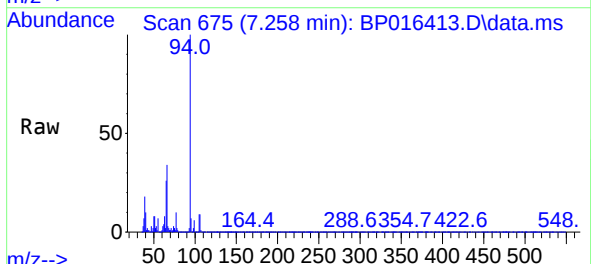
Manual Integrations  
APPROVED

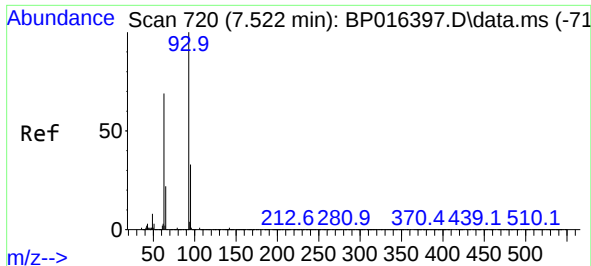
Reviewed By :Yogesh Patel 07/29/2023  
Supervised By :mohammad ahmed 07/29/2023



#10  
Phenol  
Concen: 56.863 ng  
RT: 7.258 min Scan# 675  
Delta R.T. 0.006 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Tgt Ion: 94 Resp: 1620333  
Ion Ratio Lower Upper  
94 100  
65 26.2 5.9 45.9  
66 33.7 14.3 54.3





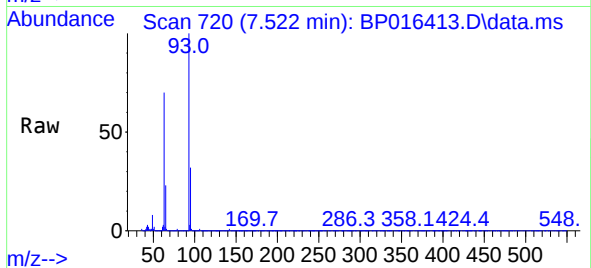
#11  
bis(2-Chloroethyl)ether  
Concen: 50.462 ng  
RT: 7.522 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Instrument :

BNA\_P

ClientSampleId :

PB154218BS



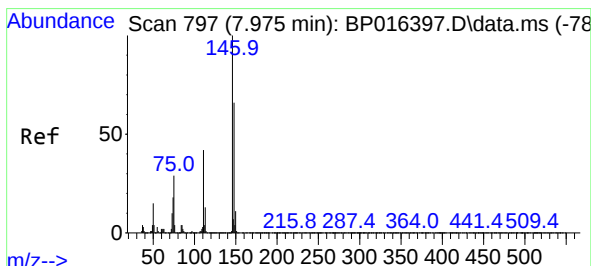
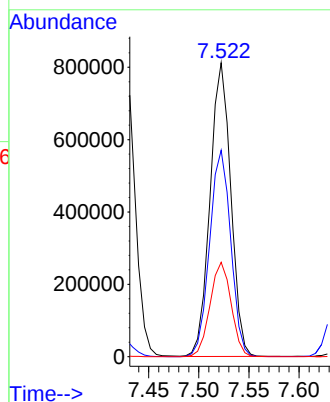
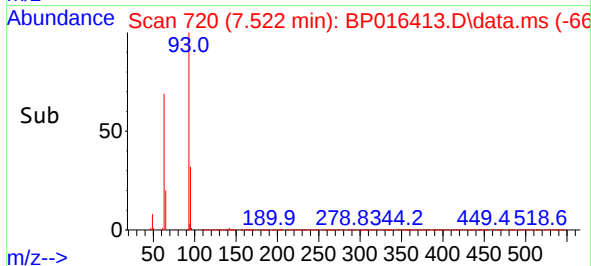
Tgt Ion: 93 Resp: 116888  
Ion Ratio Lower Upper  
93 100  
63 70.2 49.4 89.4  
95 32.1 12.9 52.9

Manual Integrations

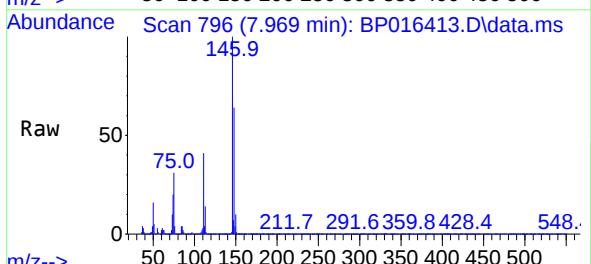
APPROVED

Reviewed By :Yogesh Patel 07/29/2023

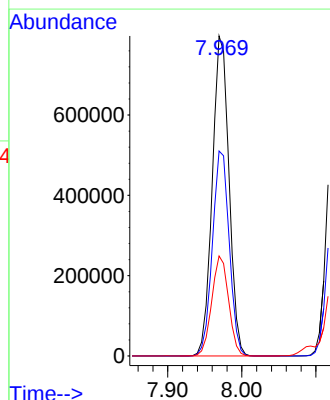
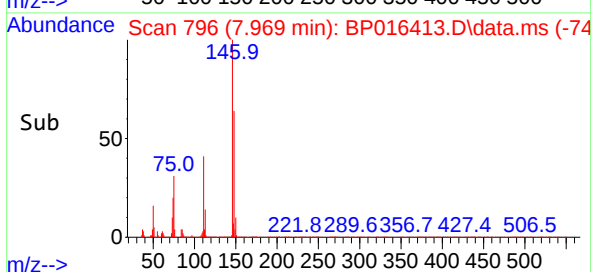
Supervised By :mohammad ahmed 07/29/2023

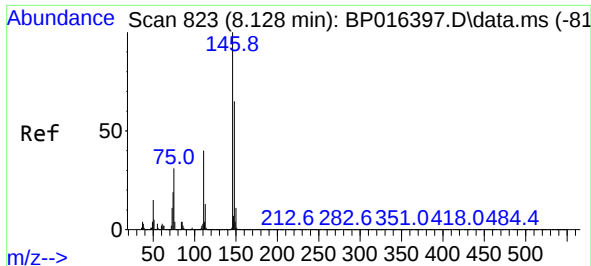


#12  
1,3-Dichlorobenzene  
Concen: 51.714 ng  
RT: 7.969 min Scan# 796  
Delta R.T. -0.006 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12



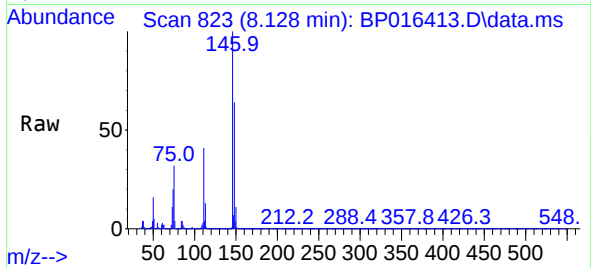
Tgt Ion:146 Resp: 1246107  
Ion Ratio Lower Upper  
146 100  
148 64.0 53.0 79.4  
75 31.2 23.4 35.2





#13  
1,4-Dichlorobenzene  
Concen: 52.191 ng  
RT: 8.128 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

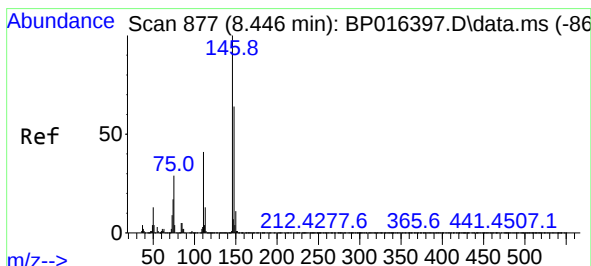
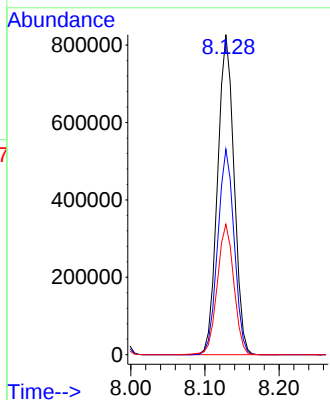
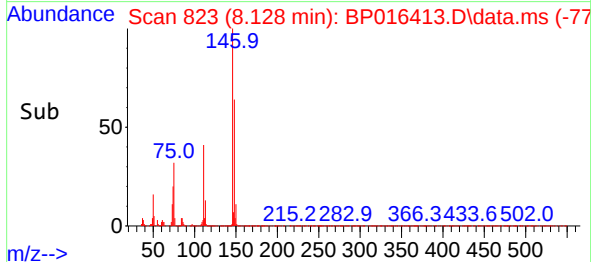
Instrument :  
BNA\_P  
ClientSampleId :  
PB154218BS



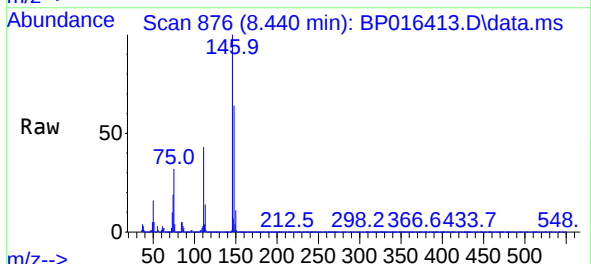
Tgt Ion:146 Resp: 1275704  
Ion Ratio Lower Upper  
146 100  
148 64.2 51.7 77.5  
111 40.8 32.0 48.0

Manual Integrations  
APPROVED

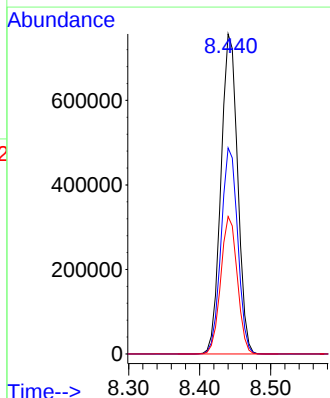
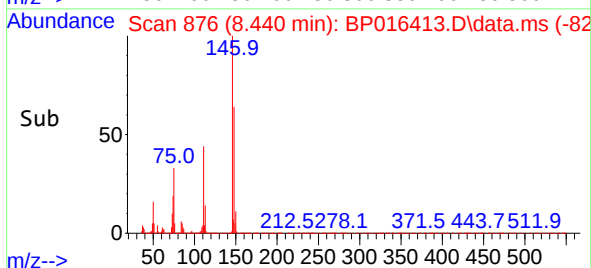
Reviewed By :Yogesh Patel 07/29/2023  
Supervised By :mohammad ahmed 07/29/2023

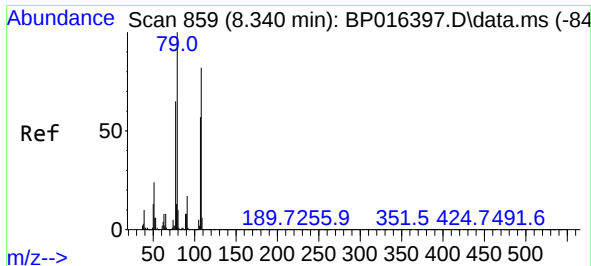


#14  
1,2-Dichlorobenzene  
Concen: 52.247 ng  
RT: 8.440 min Scan# 876  
Delta R.T. -0.006 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12



Tgt Ion:146 Resp: 1229593  
Ion Ratio Lower Upper  
146 100  
148 64.4 51.0 76.6  
111 42.9 32.6 49.0





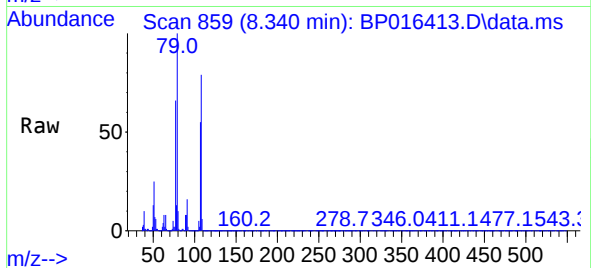
#15  
Benzyl Alcohol  
Concen: 53.713 ng  
RT: 8.340 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Instrument :

BNA\_P

ClientSampleId :

PB154218BS

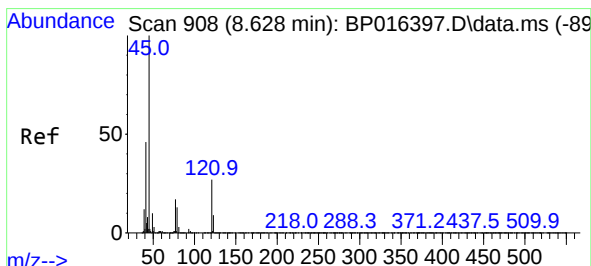
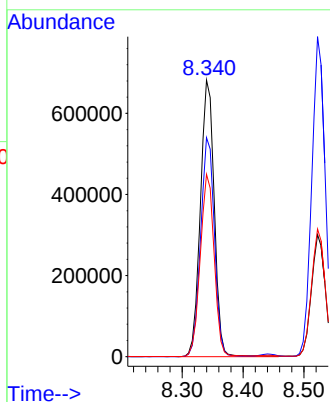
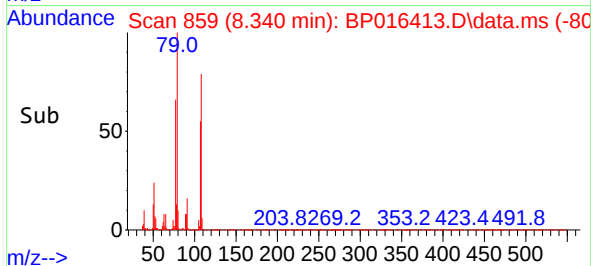


Tgt Ion: 79 Resp: 1076772  
Ion Ratio Lower Upper  
79 100  
108 79.2 65.4 98.2  
77 65.9 51.8 77.8

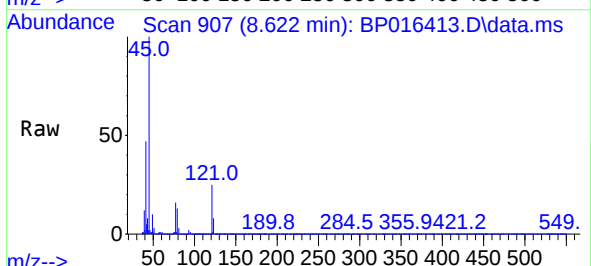
Manual Integrations

APPROVED

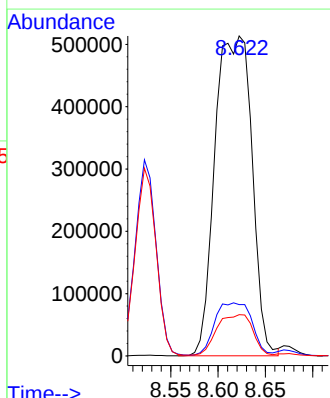
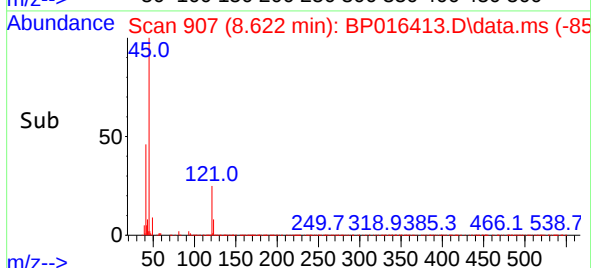
Reviewed By :Yogesh Patel 07/29/2023  
Supervised By :mohammad ahmed 07/29/2023

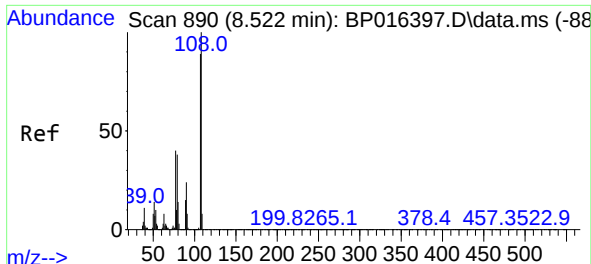


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 52.938 ng  
RT: 8.622 min Scan# 907  
Delta R.T. -0.006 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12



Tgt Ion: 45 Resp: 1390651  
Ion Ratio Lower Upper  
45 100  
77 16.1 0.0 37.3  
79 12.9 0.0 33.3





#17  
2-Methylphenol  
Concen: 52.021 ng  
RT: 8.522 min Scan# 890  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Instrument :

BNA\_P

ClientSampleId :

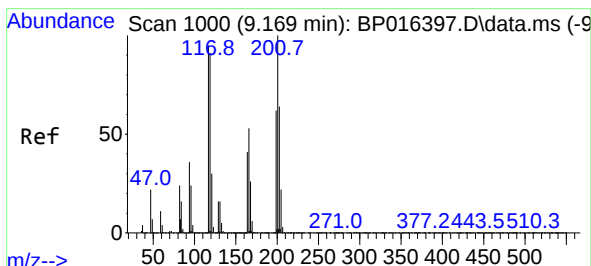
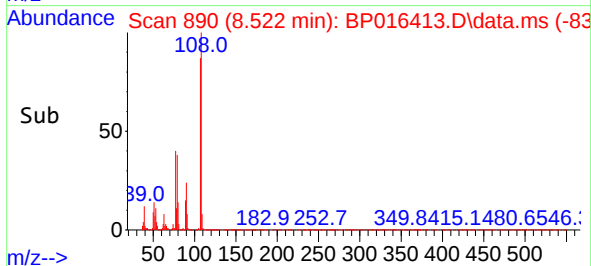
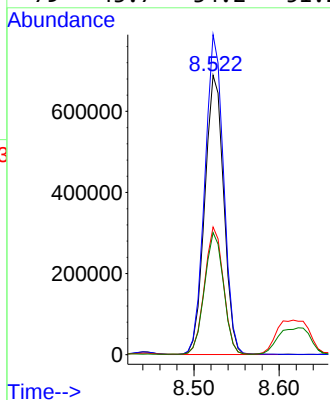
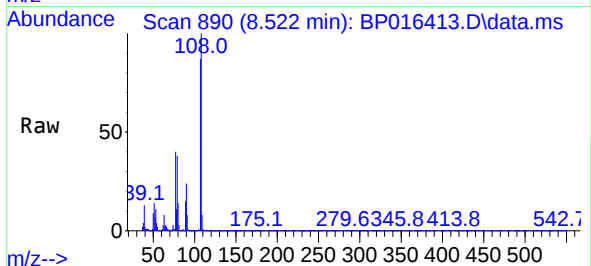
PB154218BS

Tgt Ion:107 Resp: 106833  
Ion Ratio Lower Upper  
107 100  
108 114.5 89.6 134.4  
77 45.7 35.6 53.4  
79 43.7 34.2 51.2

Manual Integrations

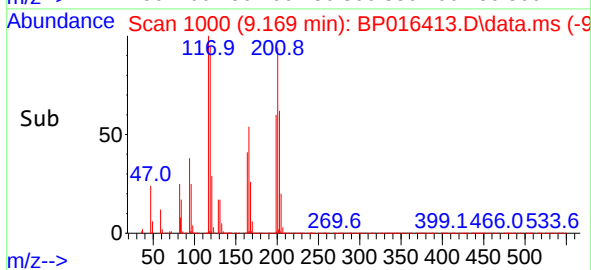
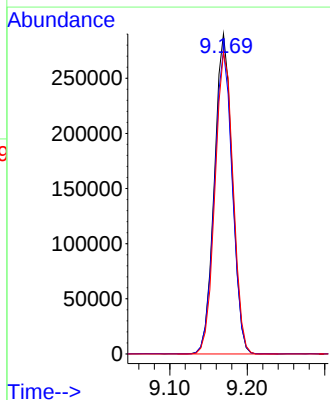
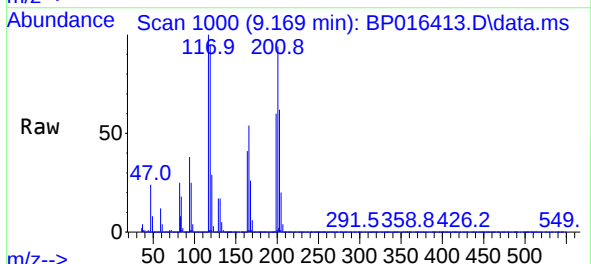
APPROVED

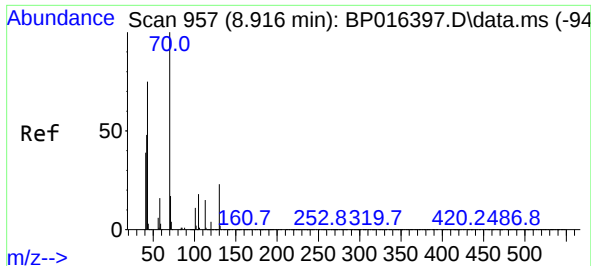
Reviewed By :Yogesh Patel 07/29/2023  
Supervised By :mohammad ahmed 07/29/2023



#18  
Hexachloroethane  
Concen: 53.163 ng  
RT: 9.169 min Scan# 1000  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Tgt Ion:117 Resp: 463513  
Ion Ratio Lower Upper  
117 100  
119 94.9 76.9 115.3  
201 94.1 86.2 129.4





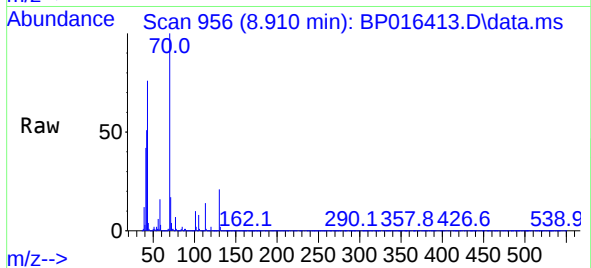
#19  
n-Nitroso-di-n-propylamine  
Concen: 49.897 ng  
RT: 8.910 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Instrument :

BNA\_P

ClientSampleId :

PB154218BS



Tgt Ion: 70 Resp: 91724

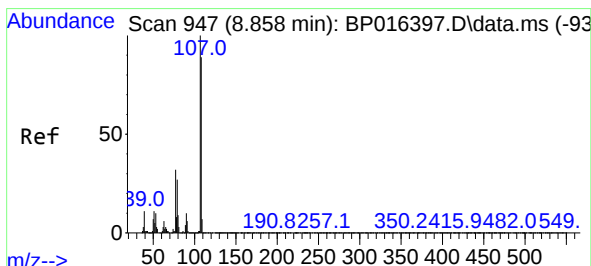
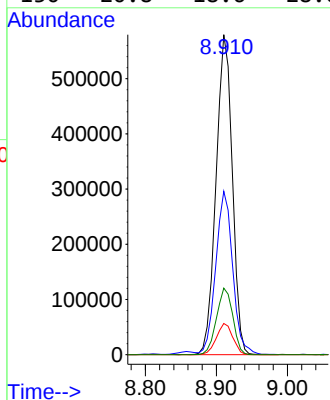
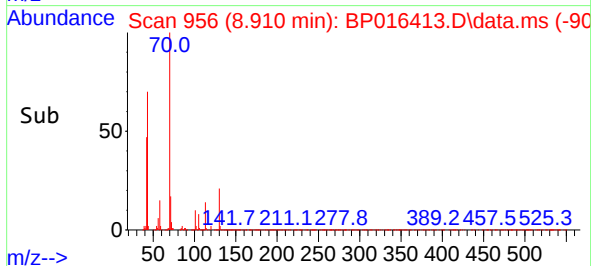
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 51.1  | 39.3  | 58.9  |
| 101 | 9.7   | 8.6   | 12.8  |
| 130 | 20.8  | 18.6  | 28.0  |

Manual Integrations

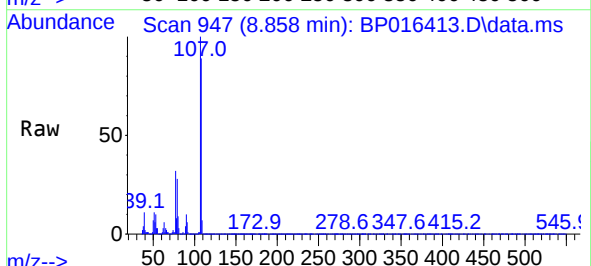
APPROVED

Reviewed By :Yogesh Patel 07/29/2023

Supervised By :mohammad ahmed 07/29/2023

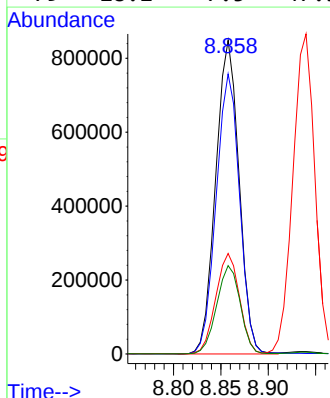
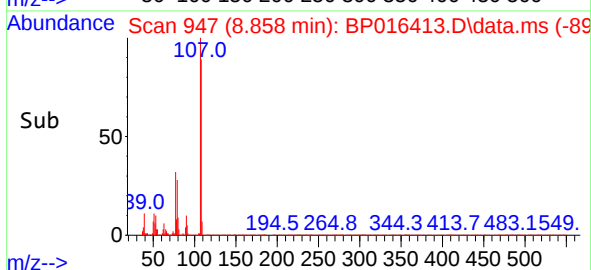


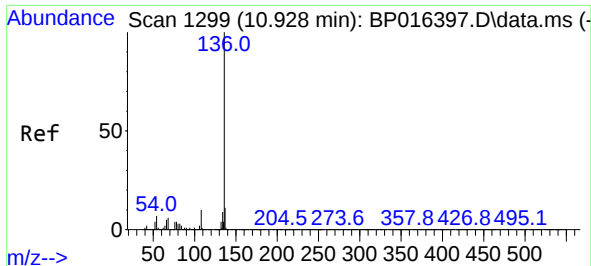
#20  
3+4-Methylphenols  
Concen: 52.142 ng  
RT: 8.858 min Scan# 947  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12



Tgt Ion:107 Resp: 1454320

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 89.3  | 69.1  | 109.1 |
| 77  | 32.1  | 12.0  | 52.0  |
| 79  | 28.2  | 7.5   | 47.5  |





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.922 min Scan# 1299  
Delta R.T. -0.006 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Instrument :

BNA\_P

ClientSampleId :

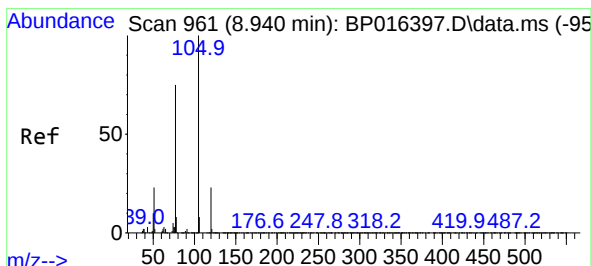
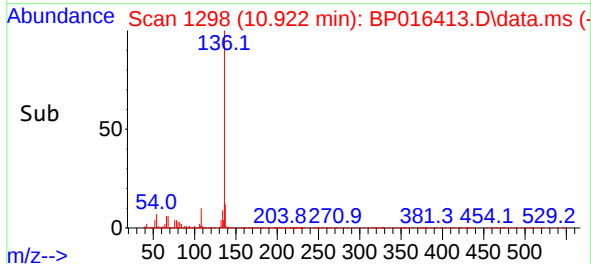
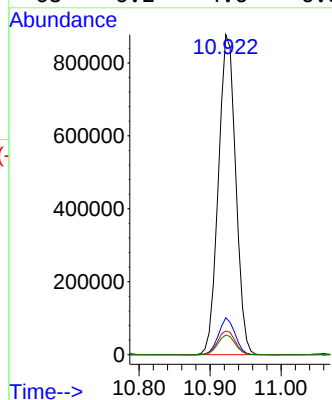
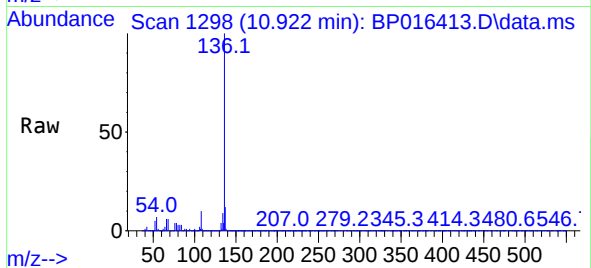
PB154218BS

Tgt Ion:136 Resp: 1482472  
Ion Ratio Lower Upper  
136 100  
137 11.6 8.6 13.0  
54 7.4 5.6 8.4  
68 6.2 4.6 6.8

Manual Integrations

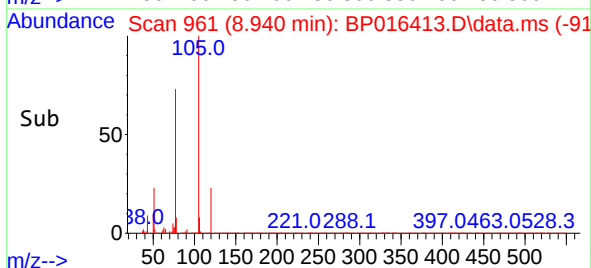
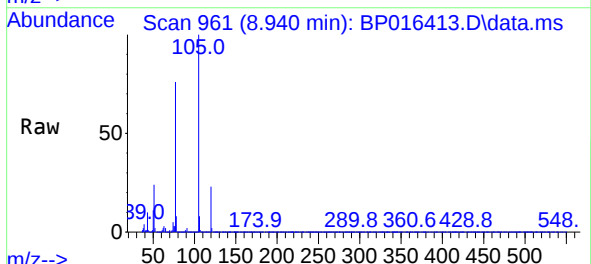
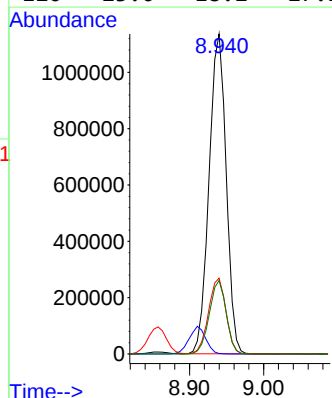
APPROVED

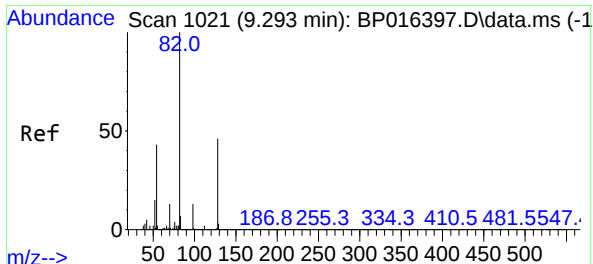
Reviewed By :Yogesh Patel 07/29/2023  
Supervised By :mohammad ahmed 07/29/2023



#22  
Acetophenone  
Concen: 48.644 ng  
RT: 8.940 min Scan# 961  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Tgt Ion:105 Resp: 1820744  
Ion Ratio Lower Upper  
105 100  
71 0.1 0.2 0.2#  
51 23.7 18.3 27.5  
120 23.0 18.2 27.2





#23

Nitrobenzene-d5

Concen: 107.080 ng

RT: 9.287 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BP016413.D

Acq: 28 Jul 2023 09:12

Instrument :

BNA\_P

ClientSampleId :

PB154218BS

Tgt Ion: 82 Resp: 283578

Ion Ratio Lower Upper

82 100

128 43.0 36.6 55.0

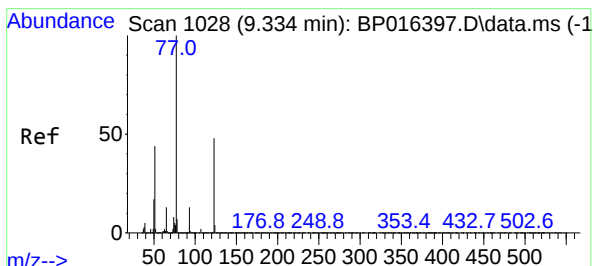
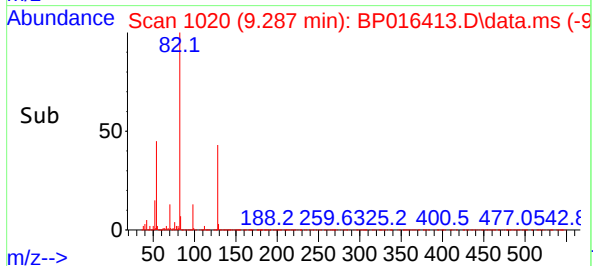
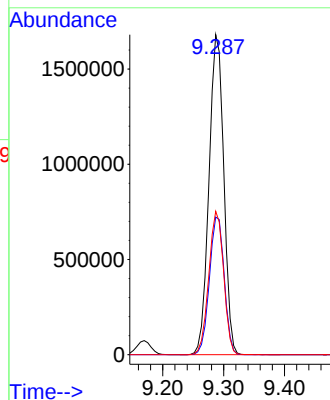
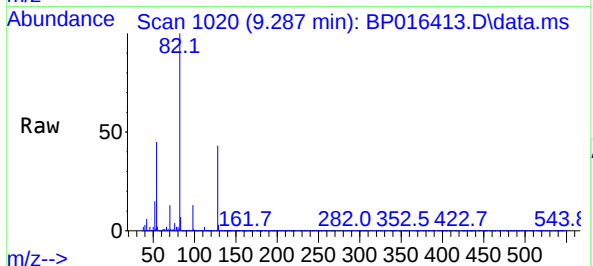
54 44.8 34.5 51.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/29/2023

Supervised By :mohammad ahmed 07/29/2023



#24

Nitrobenzene

Concen: 49.458 ng

RT: 9.334 min Scan# 1028

Delta R.T. -0.000 min

Lab File: BP016413.D

Acq: 28 Jul 2023 09:12

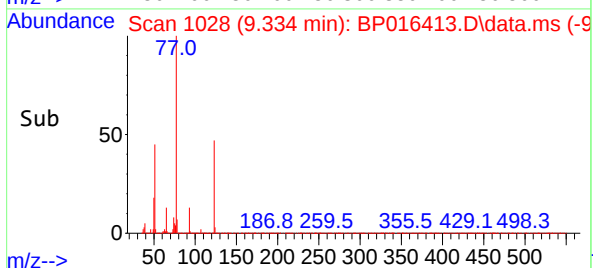
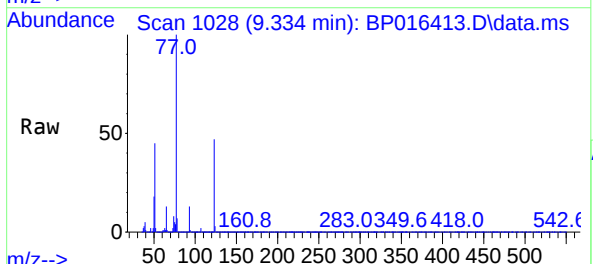
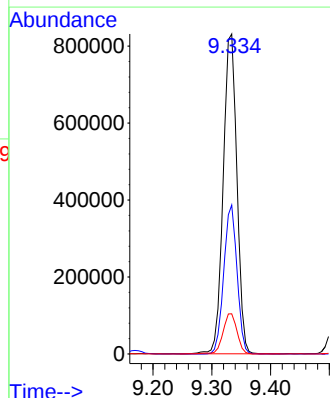
Tgt Ion: 77 Resp: 1345300

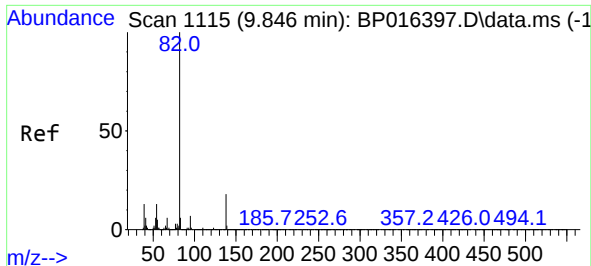
Ion Ratio Lower Upper

77 100

123 46.5 38.6 58.0

65 12.5 10.5 15.7





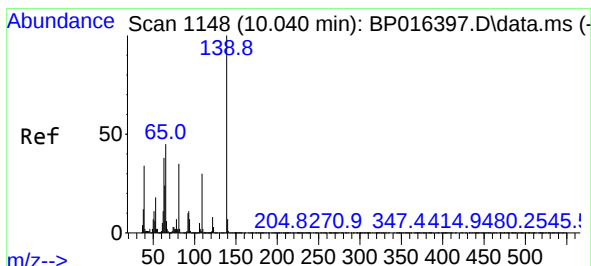
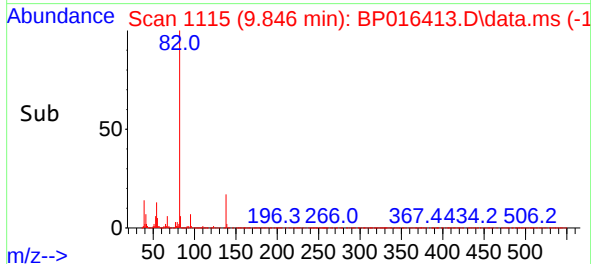
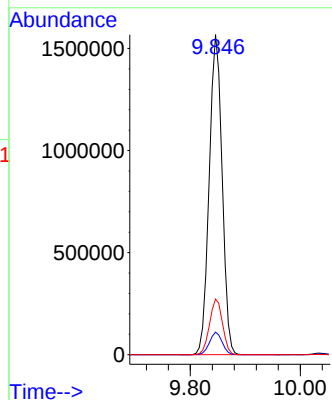
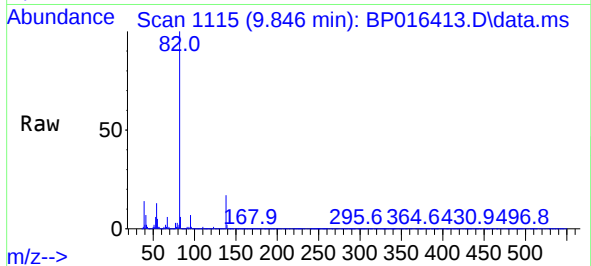
#25  
Isophorone  
Concen: 47.751 ng  
RT: 9.846 min Scan# 1115  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Instrument :  
BNA\_P  
ClientSampleId :  
PB154218BS

Tgt Ion: 82 Resp: 255309  
Ion Ratio Lower Upper  
82 100  
95 7.0 5.7 8.5  
138 17.4 14.6 22.0

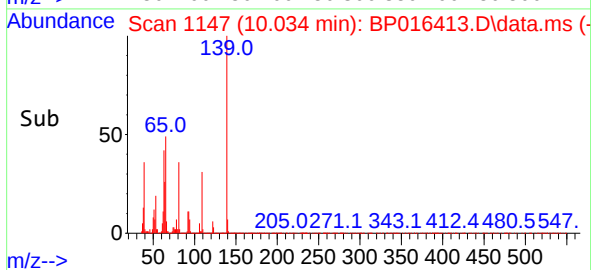
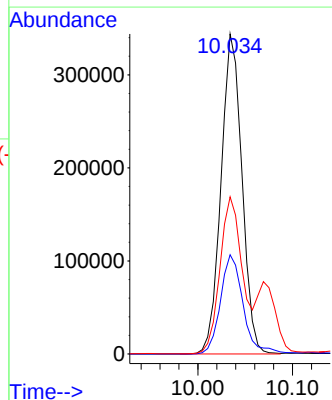
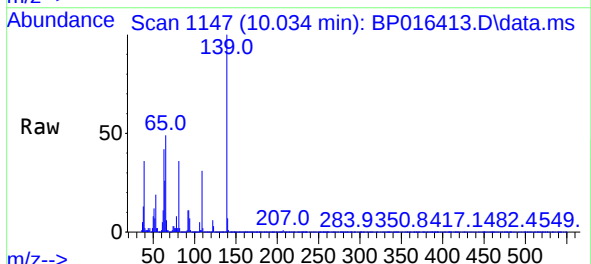
Manual Integrations  
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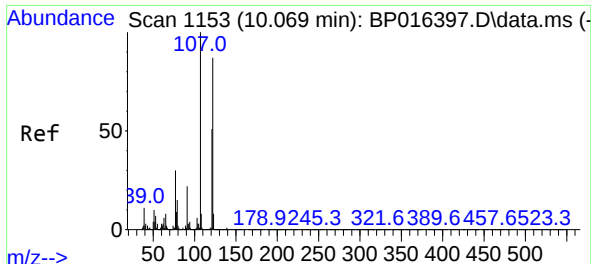
Reviewed By :Yogesh Patel 07/29/2023  
Supervised By :mohammad ahmed 07/29/2023



#26  
2-Nitrophenol  
Concen: 45.289 ng  
RT: 10.034 min Scan# 1147  
Delta R.T. -0.006 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

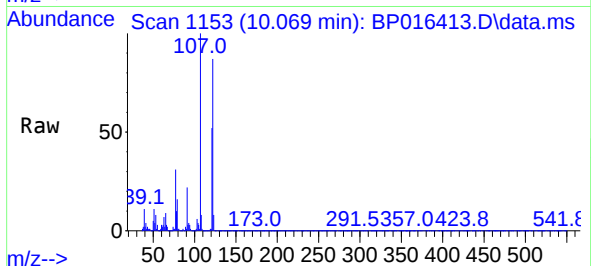
Tgt Ion:139 Resp: 528732  
Ion Ratio Lower Upper  
139 100  
109 31.0 24.2 36.4  
65 49.1 35.8 53.6





#27  
2,4-Dimethylphenol  
Concen: 52.652 ng  
RT: 10.069 min Scan# 1153  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

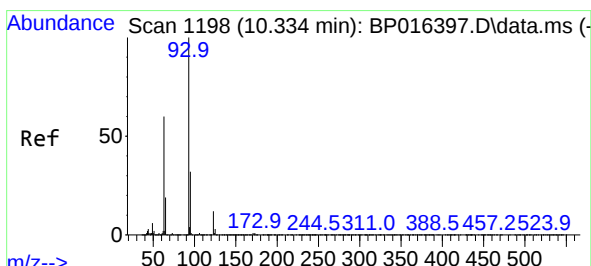
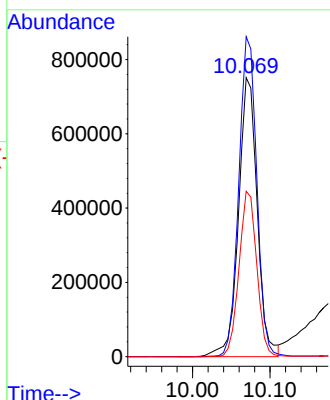
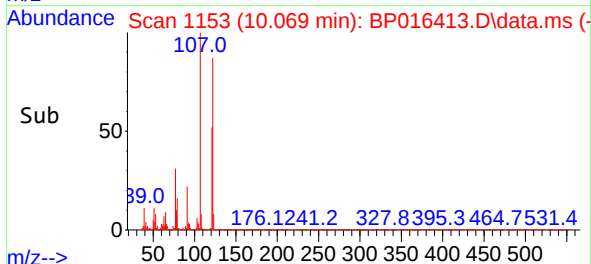
Instrument :  
BNA\_P  
ClientSampleId :  
PB154218BS



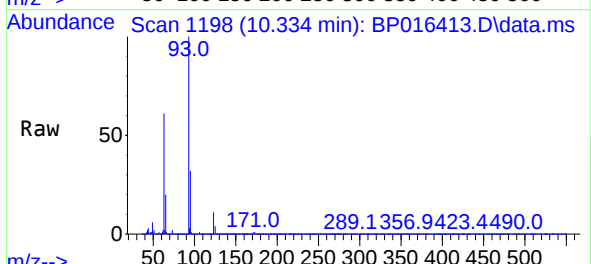
Tgt Ion:122 Resp: 1259420  
Ion Ratio Lower Upper  
122 100  
107 114.7 91.9 137.9  
121 59.3 47.2 70.8

Manual Integrations  
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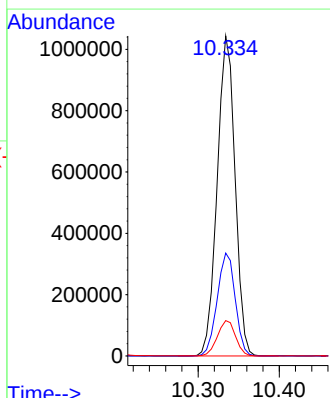
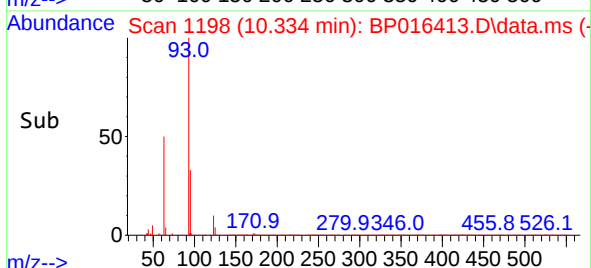
Reviewed By :Yogesh Patel 07/29/2023  
Supervised By :mohammad ahmed 07/29/2023

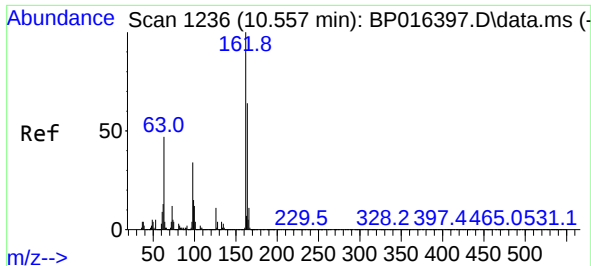


#28  
bis(2-Chloroethoxy)methane  
Concen: 48.811 ng  
RT: 10.334 min Scan# 1198  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12



Tgt Ion: 93 Resp: 1598585  
Ion Ratio Lower Upper  
93 100  
95 32.1 25.8 38.8  
123 11.1 9.4 14.0





#29  
2,4-Dichlorophenol  
Concen: 51.665 ng  
RT: 10.557 min Scan# 115655  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Instrument :

BNA\_P

ClientSampleId :

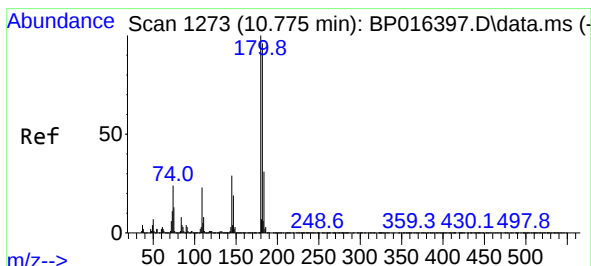
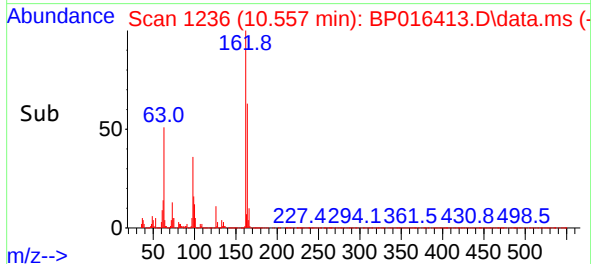
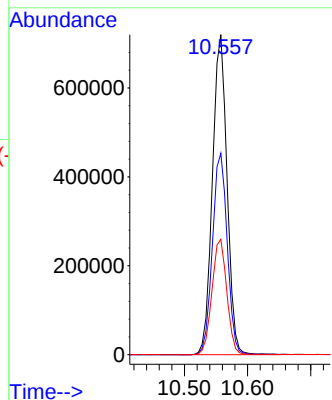
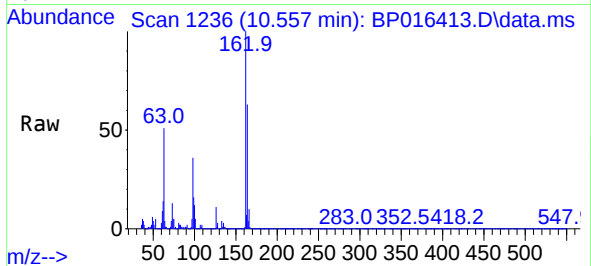
PB154218BS

Tgt Ion:162 Resp: 115655  
Ion Ratio Lower Upper  
162 100  
164 63.0 44.2 84.2  
98 36.1 13.7 53.7

Manual Integrations

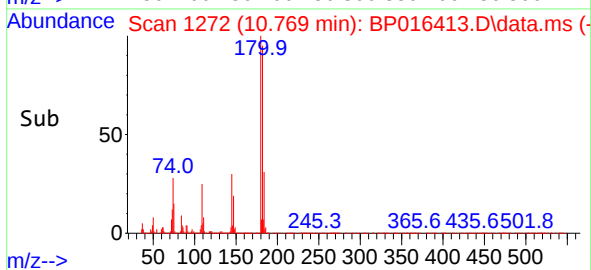
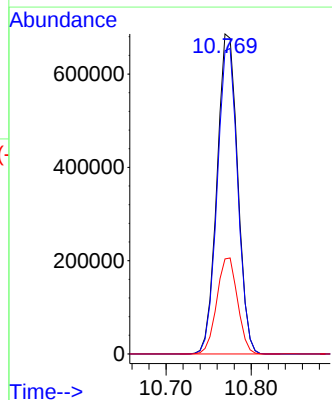
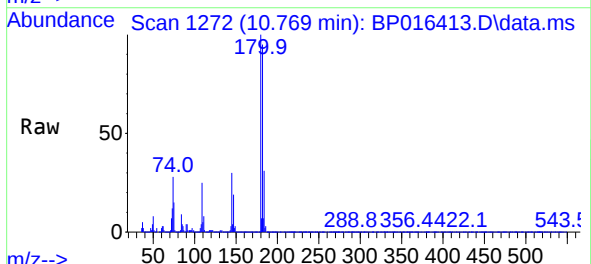
APPROVED

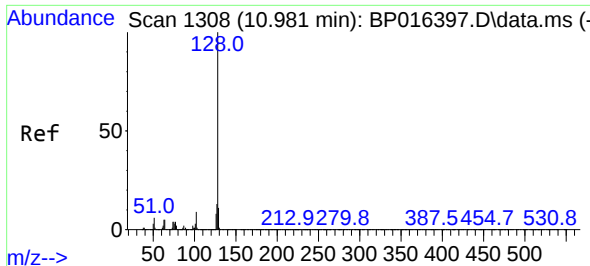
Reviewed By :Yogesh Patel 07/29/2023  
Supervised By :mohammad ahmed 07/29/2023



#30  
1,2,4-Trichlorobenzene  
Concen: 47.567 ng  
RT: 10.769 min Scan# 1272  
Delta R.T. -0.006 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

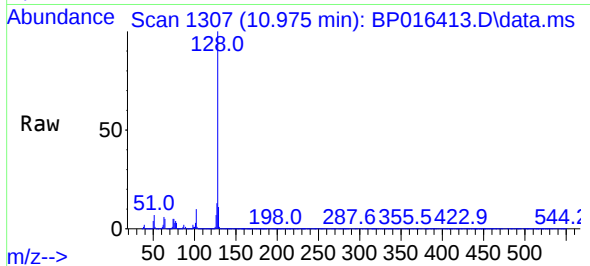
Tgt Ion:180 Resp: 1153341  
Ion Ratio Lower Upper  
180 100  
182 94.8 77.1 115.7  
145 29.7 22.9 34.3





#31  
Naphthalene  
Concen: 47.539 ng  
RT: 10.975 min Scan# 1107  
Delta R.T. -0.006 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

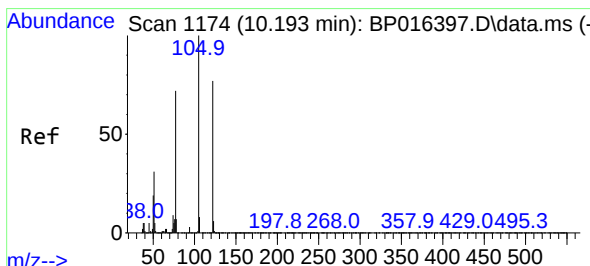
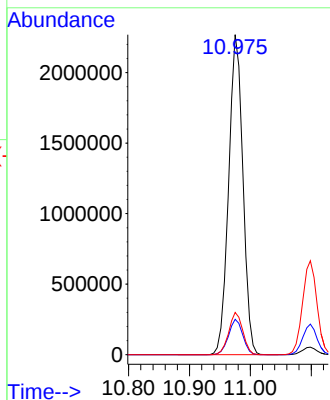
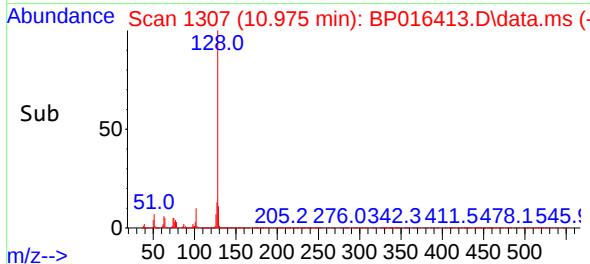
Instrument :  
BNA\_P  
ClientSampleId :  
PB154218BS



Tgt Ion:128 Resp: 3686340  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.6 12.8  
127 13.2 10.4 15.6

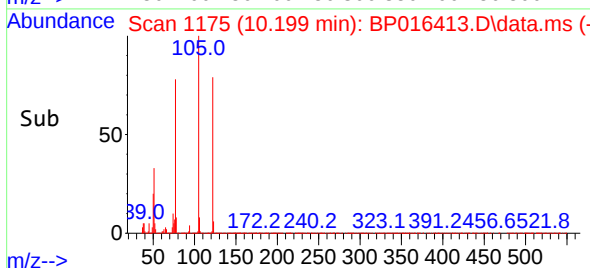
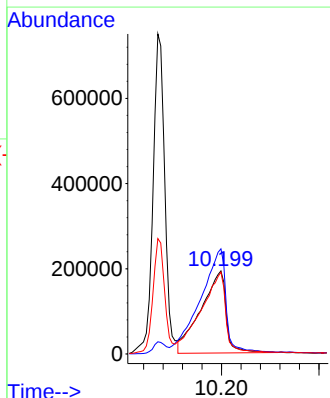
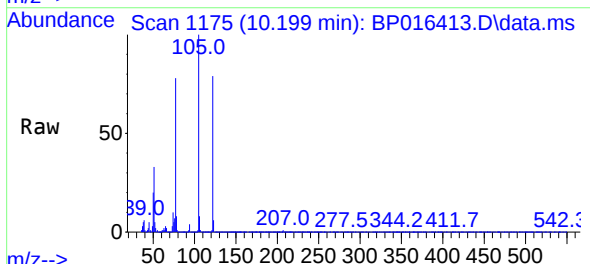
Manual Integrations  
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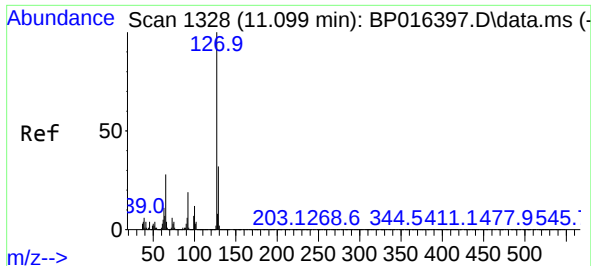
Reviewed By :Yogesh Patel 07/29/2023  
Supervised By :mohammad ahmed 07/29/2023



#32  
Benzoic acid  
Concen: 44.735 ng  
RT: 10.199 min Scan# 1175  
Delta R.T. 0.006 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Tgt Ion:122 Resp: 694339  
Ion Ratio Lower Upper  
122 100  
105 126.7 105.2 145.2  
77 98.8 72.2 112.2





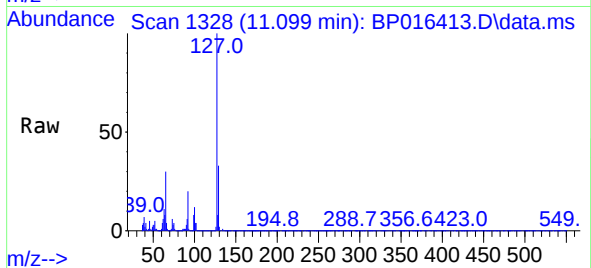
#33  
4-Chloroaniline  
Concen: 31.271 ng  
RT: 11.099 min Scan# 1328  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Instrument :

BNA\_P

ClientSampleId :

PB154218BS



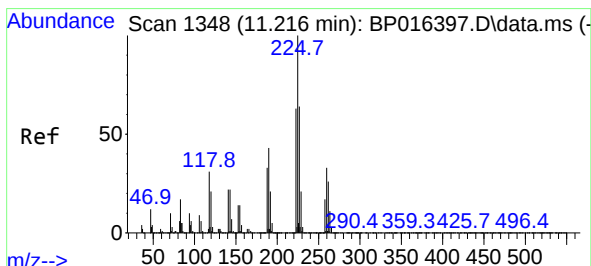
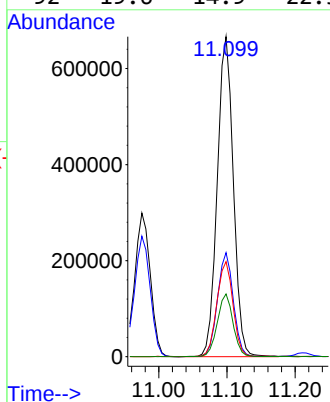
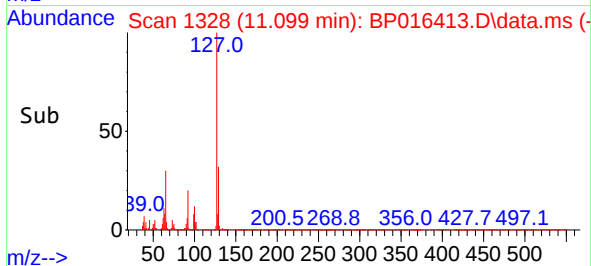
Tgt Ion:127 Resp: 1093818  
Ion Ratio Lower Upper  
127 100  
129 32.5 25.8 38.8  
65 29.7 22.7 34.1  
92 19.6 14.9 22.3

Manual Integrations

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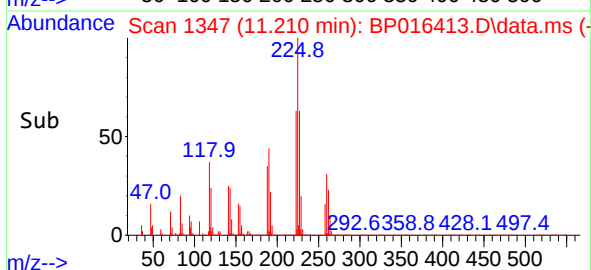
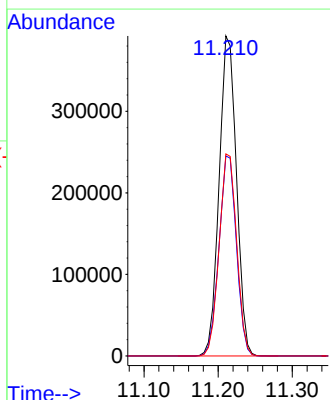
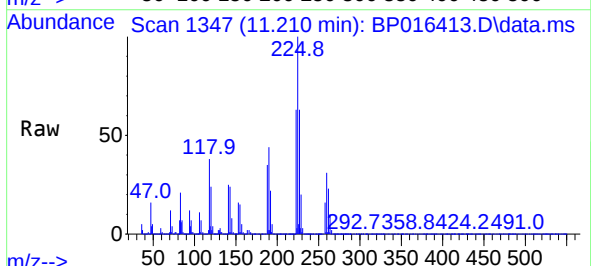
Reviewed By :Yogesh Patel 07/29/2023

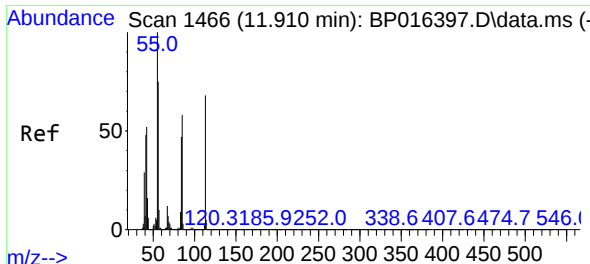
Supervised By :mohammad ahmed 07/29/2023



#34  
Hexachlorobutadiene  
Concen: 44.317 ng  
RT: 11.210 min Scan# 1347  
Delta R.T. -0.006 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

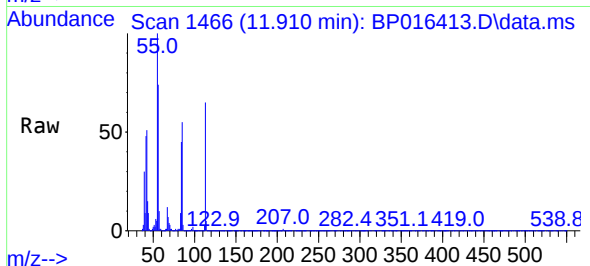
Tgt Ion:225 Resp: 636180  
Ion Ratio Lower Upper  
225 100  
223 62.5 50.2 75.4  
227 63.2 51.0 76.6





#35  
Caprolactam  
Concen: 50.265 ng m  
RT: 11.910 min Scan# 1466  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

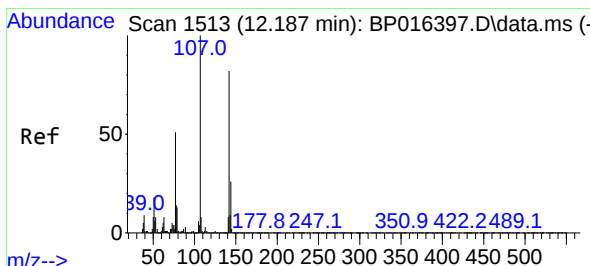
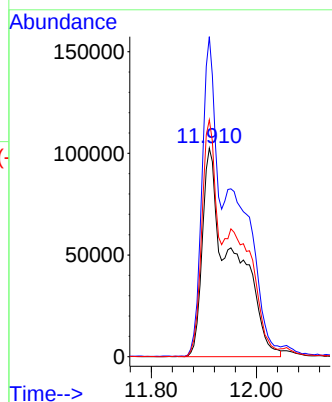
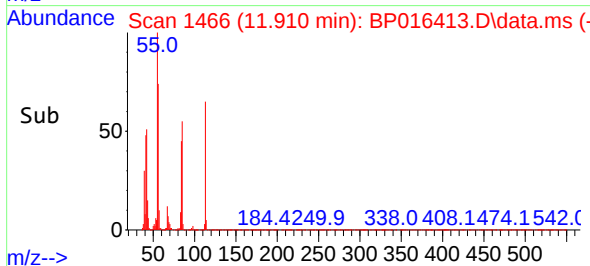
Instrument :  
BNA\_P  
ClientSampleId :  
PB154218BS



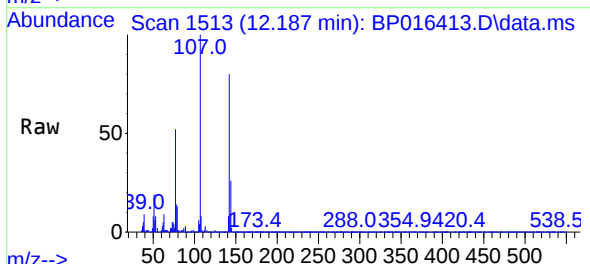
Tgt Ion:113 Resp: 41116  
Ion Ratio Lower Upper  
113 100  
55 153.5 128.0 168.0  
56 113.6 91.3 131.3

Manual Integrations  
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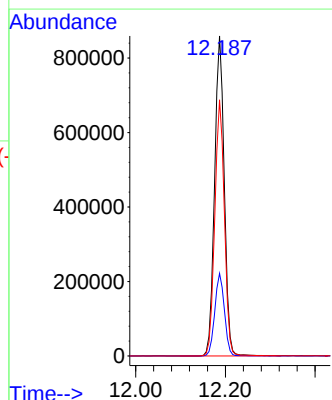
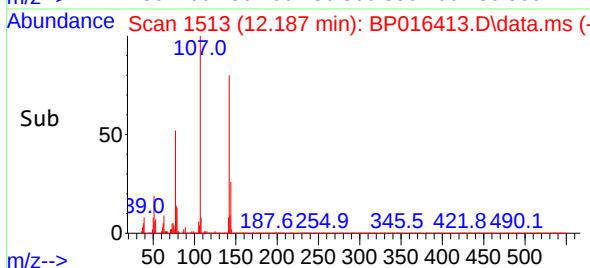
Reviewed By :Yogesh Patel 07/29/2023  
Supervised By :mohammad ahmed 07/29/2023

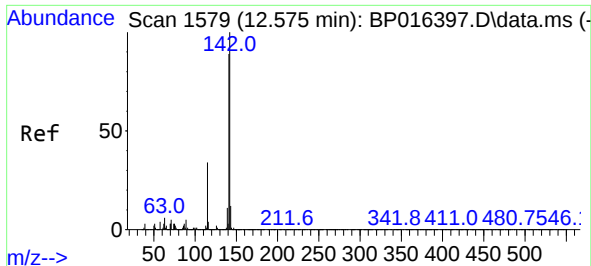


#36  
4-Chloro-3-methylphenol  
Concen: 51.627 ng  
RT: 12.187 min Scan# 1513  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12



Tgt Ion:107 Resp: 1284659  
Ion Ratio Lower Upper  
107 100  
144 25.8 21.0 31.6  
142 80.1 65.6 98.4





#37  
2-Methylnaphthalene  
Concen: 45.473 ng  
RT: 12.569 min Scan# 1579  
Delta R.T. -0.006 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Instrument :

BNA\_P

ClientSampleId :

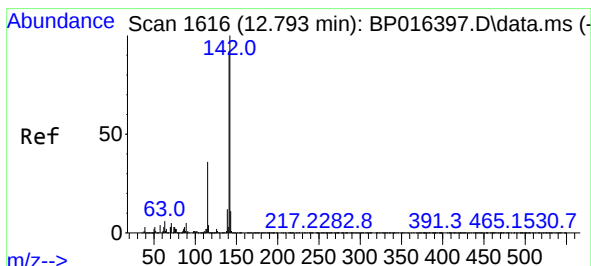
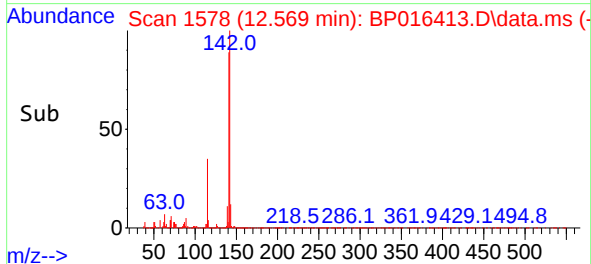
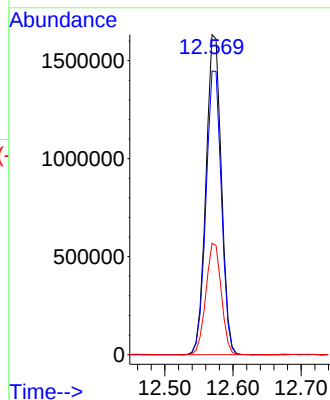
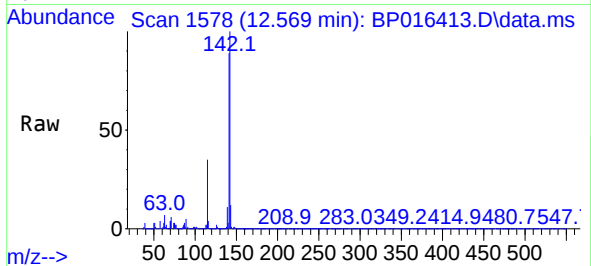
PB154218BS

Tgt Ion:142 Resp: 256164  
Ion Ratio Lower Upper  
142 100  
141 88.6 71.4 107.2  
115 34.8 27.0 40.4

Manual Integrations

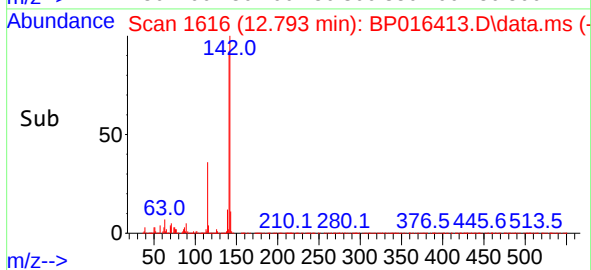
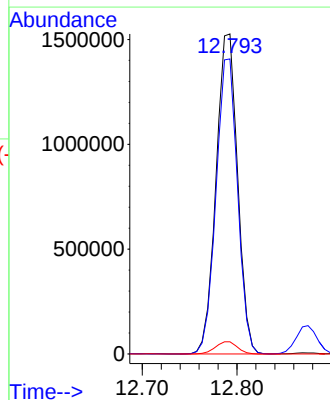
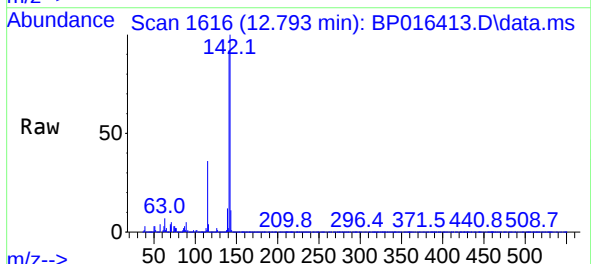
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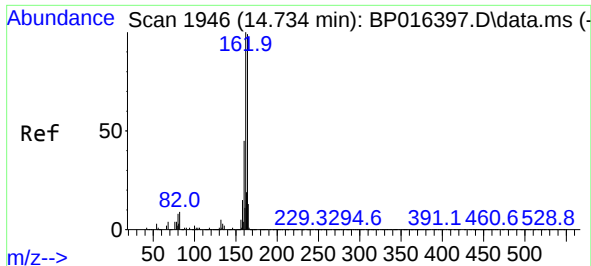
Reviewed By :Yogesh Patel 07/29/2023  
Supervised By :mohammad ahmed 07/29/2023



#38  
1-Methylnaphthalene  
Concen: 45.645 ng  
RT: 12.793 min Scan# 1616  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Tgt Ion:142 Resp: 2410662  
Ion Ratio Lower Upper  
142 100  
141 92.2 73.8 110.6  
116 3.8 2.9 4.3





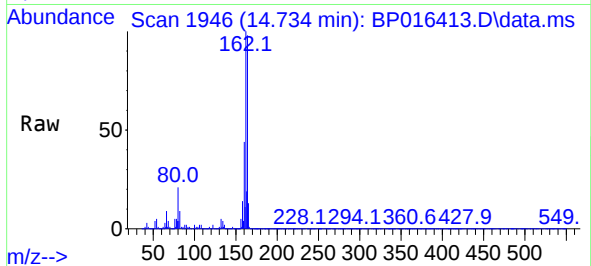
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.734 min Scan# 1946  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Instrument :

BNA\_P

ClientSampleId :

PB154218BS



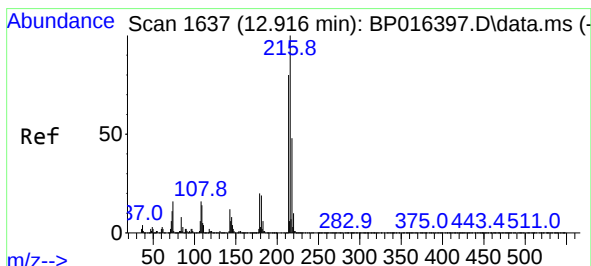
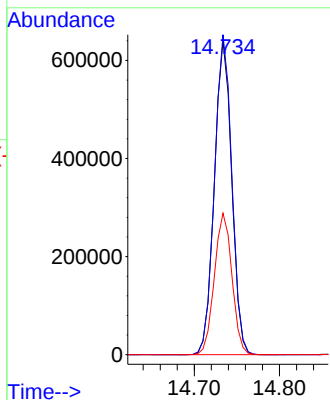
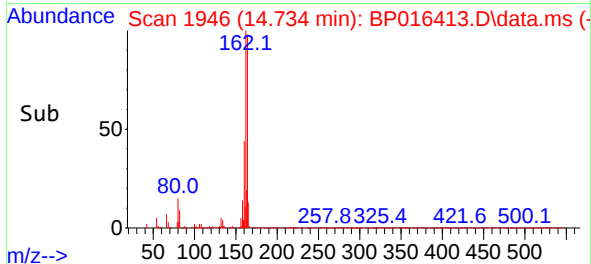
Tgt Ion:164 Resp: 90568  
Ion Ratio Lower Upper  
164 100  
162 102.0 81.0 121.6  
160 45.1 36.6 55.0

Manual Integrations

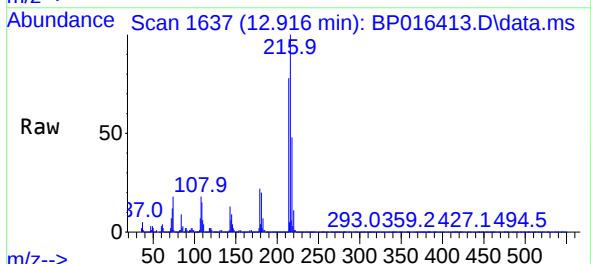
APPROVED

Reviewed By :Yogesh Patel 07/29/2023

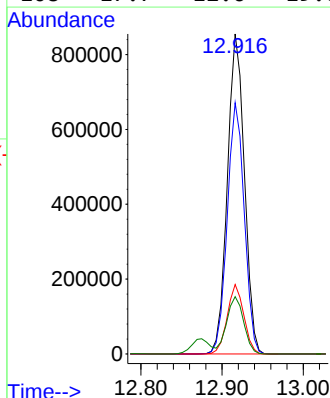
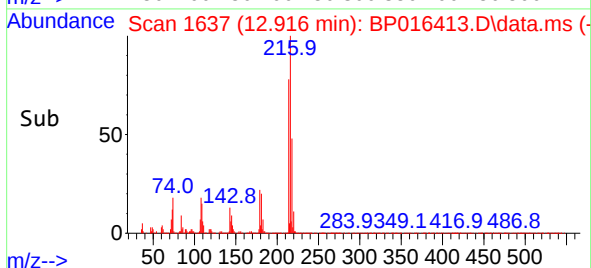
Supervised By :mohammad ahmed 07/29/2023

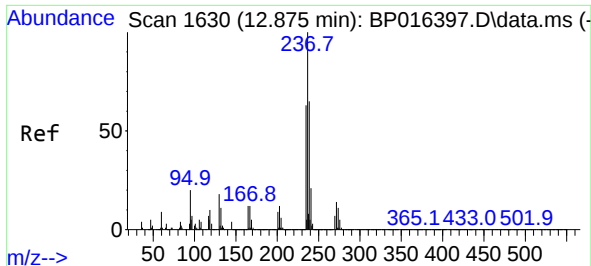


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 45.253 ng  
RT: 12.916 min Scan# 1637  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12



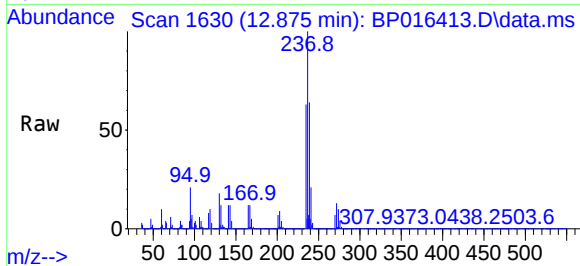
Tgt Ion:216 Resp: 1245495  
Ion Ratio Lower Upper  
216 100  
214 78.5 62.8 94.2  
179 21.2 16.0 24.0  
108 17.7 12.6 19.0





#41  
Hexachlorocyclopentadiene  
Concen: 117.048 ng  
RT: 12.875 min Scan# 1630  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

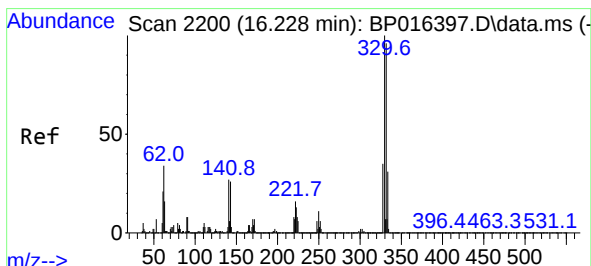
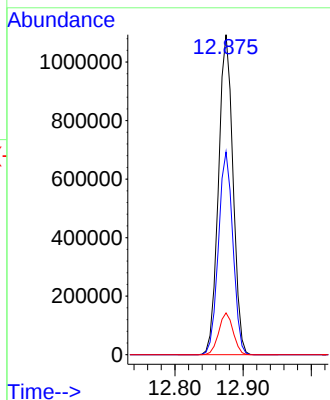
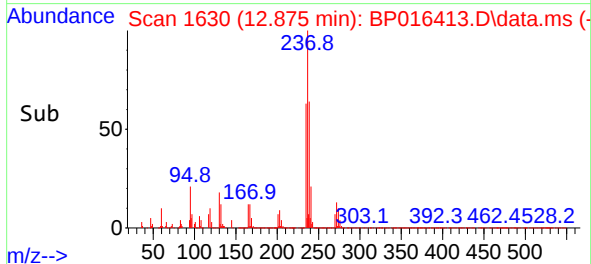
Instrument :  
BNA\_P  
ClientSampleId :  
PB154218BS



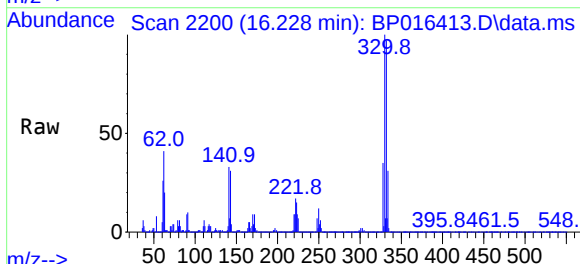
Tgt Ion:237 Resp: 161797  
Ion Ratio Lower Upper  
237 100  
235 63.4 42.7 82.7  
272 13.1 0.0 33.5

Manual Integrations  
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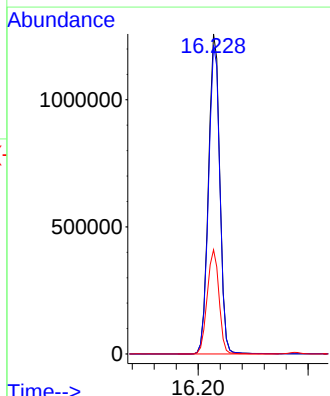
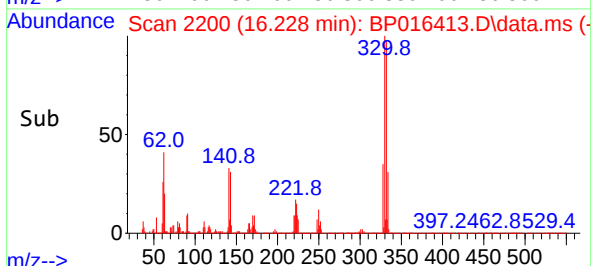
Reviewed By :Yogesh Patel 07/29/2023  
Supervised By :mohammad ahmed 07/29/2023

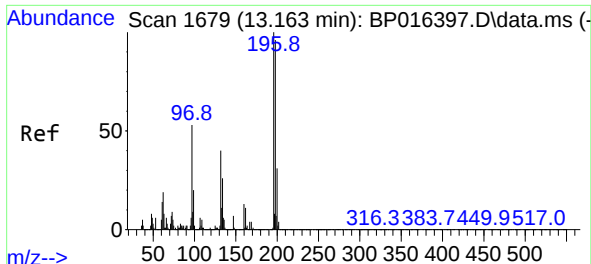


#42  
2,4,6-Tribromophenol  
Concen: 134.657 ng  
RT: 16.228 min Scan# 2200  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12



Tgt Ion:330 Resp: 1794162  
Ion Ratio Lower Upper  
330 100  
332 96.7 77.8 116.8  
141 33.9 22.6 34.0





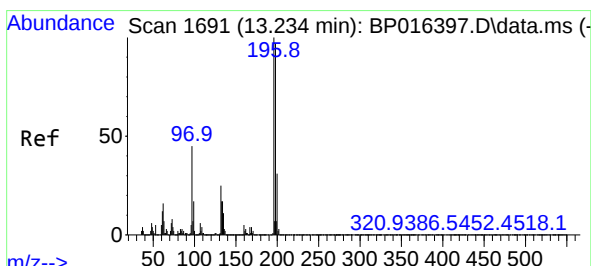
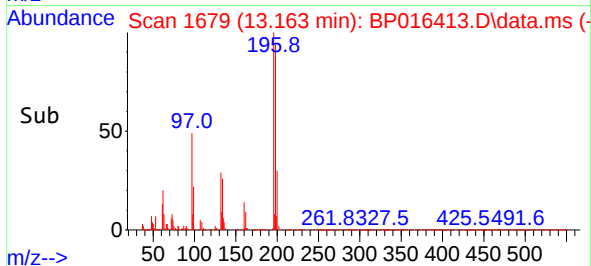
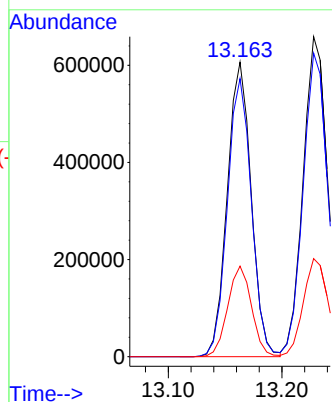
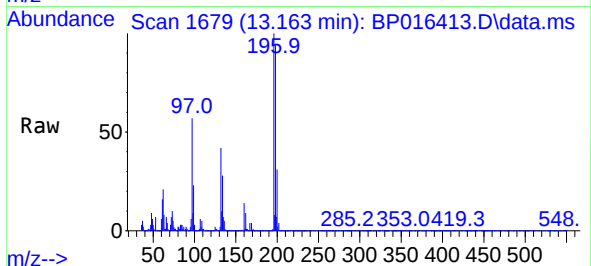
#43  
2,4,6-Trichlorophenol  
Concen: 50.285 ng  
RT: 13.163 min Scan# 1679  
Delta R.T. 0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Instrument :  
BNA\_P  
ClientSampleId :  
PB154218BS

Tgt Ion:196 Resp: 88802  
Ion Ratio Lower Upper  
196 100  
198 94.4 77.0 115.4  
200 30.7 24.5 36.7

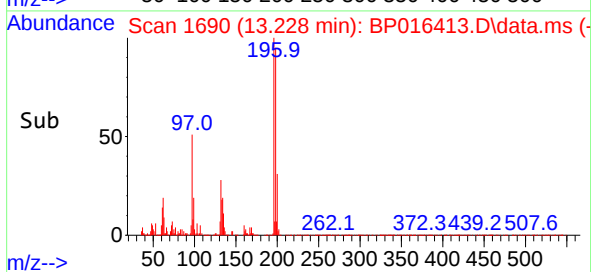
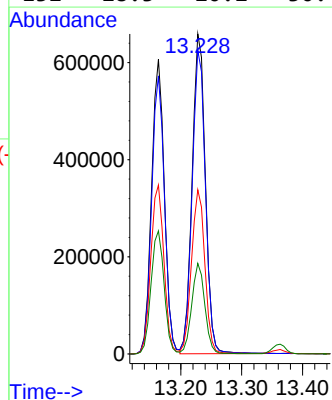
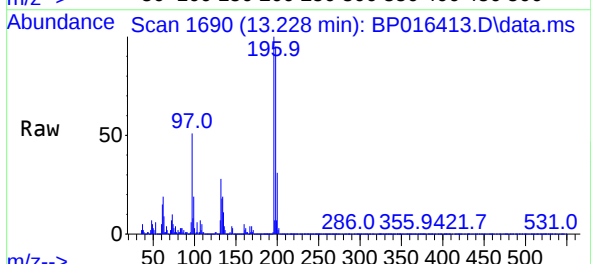
Manual Integrations  
APPROVED

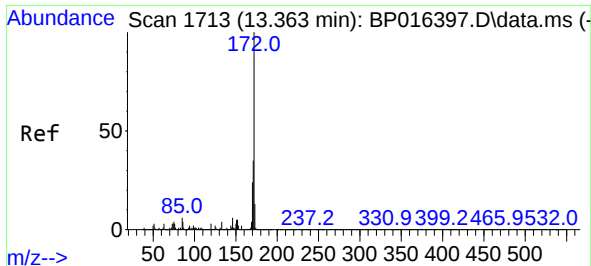
Reviewed By :Yogesh Patel 07/29/2023  
Supervised By :mohammad ahmed 07/29/2023



#44  
2,4,5-Trichlorophenol  
Concen: 46.397 ng  
RT: 13.228 min Scan# 1690  
Delta R.T. -0.006 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Tgt Ion:196 Resp: 994065  
Ion Ratio Lower Upper  
196 100  
198 94.8 77.3 115.9  
97 51.3 36.2 54.4  
132 28.3 20.2 30.4





#45  
2-Fluorobiphenyl  
Concen: 100.727 ng  
RT: 13.363 min Scan# 1713  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Instrument :

BNA\_P

ClientSampleId :

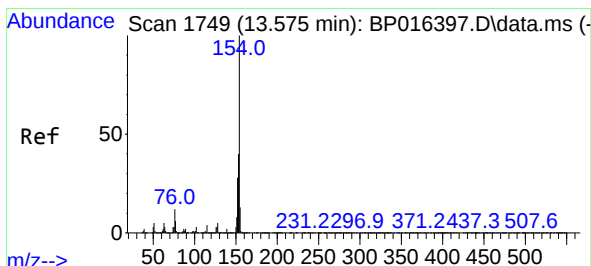
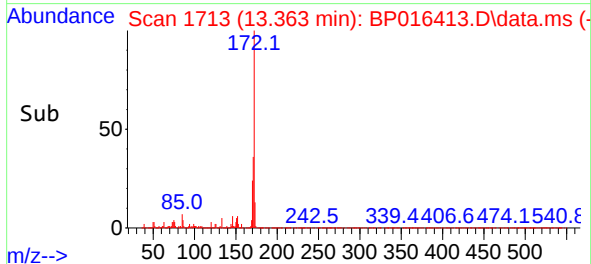
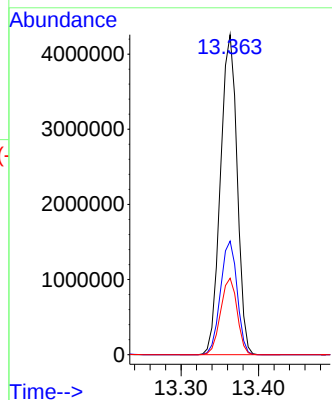
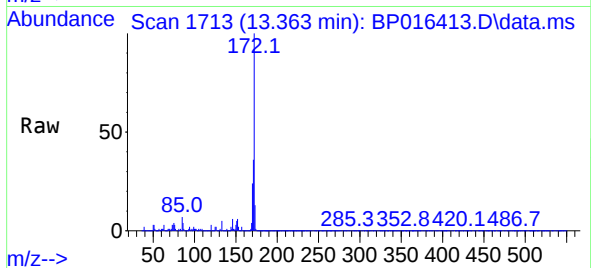
PB154218BS

Tgt Ion:172 Resp: 6363208  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.2 42.2  
170 23.9 19.1 28.7

Manual Integrations

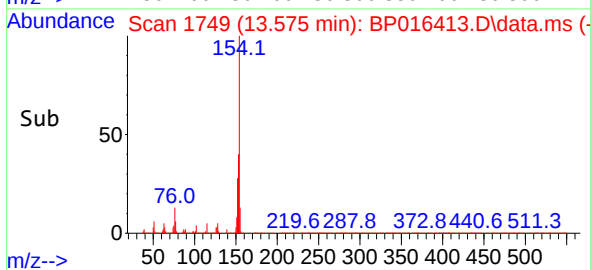
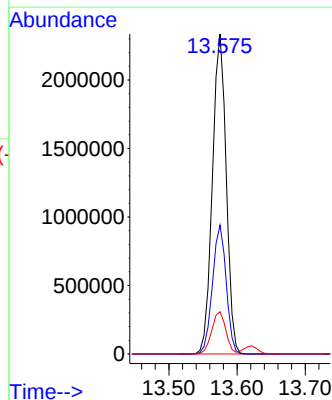
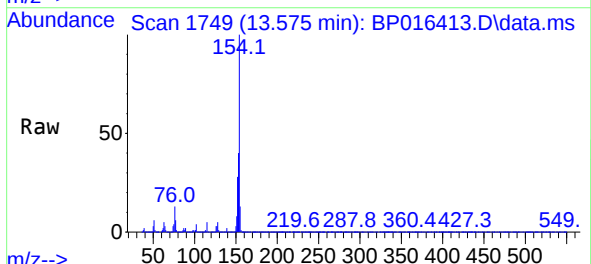
APPROVED

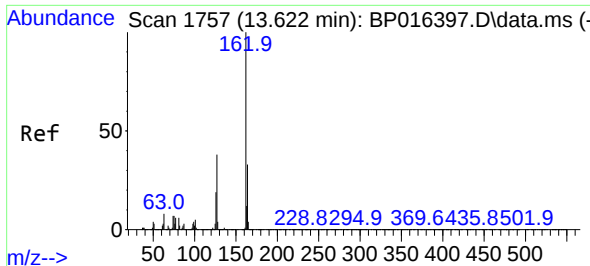
Reviewed By :Yogesh Patel 07/29/2023  
Supervised By :mohammad ahmed 07/29/2023



#46  
1,1'-Biphenyl  
Concen: 47.594 ng  
RT: 13.575 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Tgt Ion:154 Resp: 3285804  
Ion Ratio Lower Upper  
154 100  
153 40.3 20.1 60.1  
76 13.2 0.0 32.5





#47  
2-Chloronaphthalene  
Concen: 49.115 ng  
RT: 13.622 min Scan# 1757  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Instrument :

BNA\_P

ClientSampleId :

PB154218BS

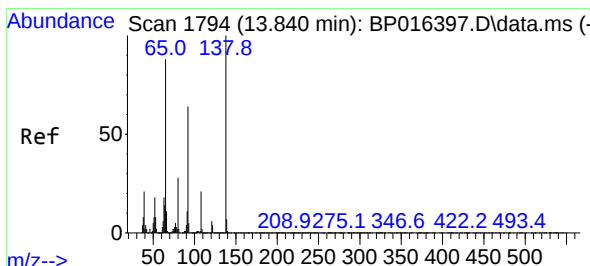
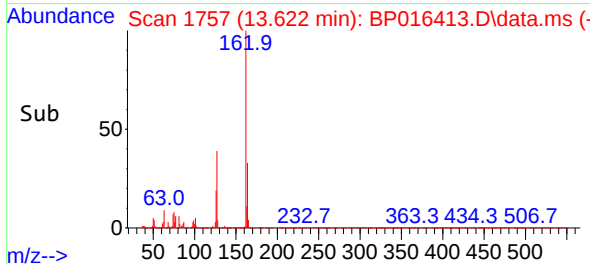
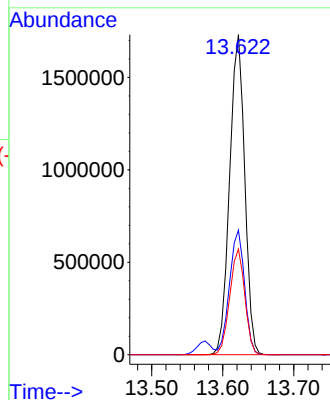
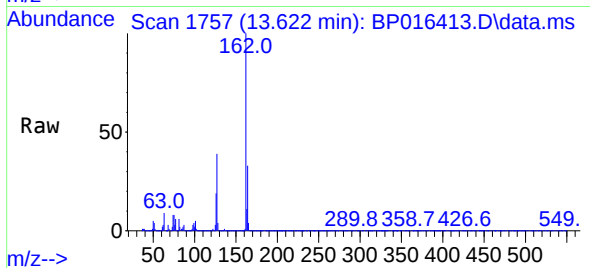
Tgt Ion:162 Resp: 255816  
Ion Ratio Lower Upper  
162 100  
127 38.9 30.1 45.1  
164 33.0 26.6 39.8

Manual Integrations

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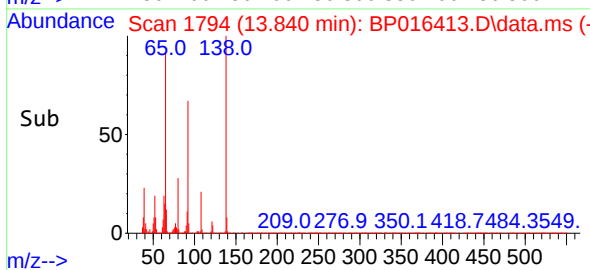
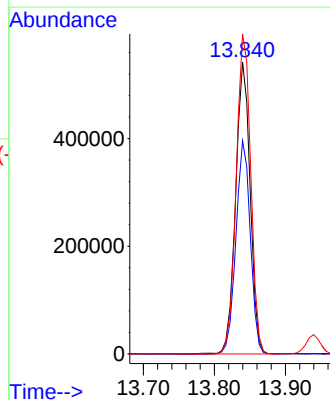
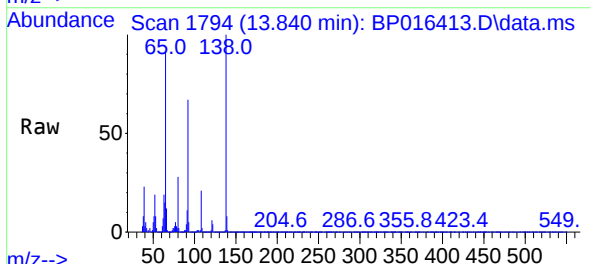
Reviewed By :Yogesh Patel 07/29/2023

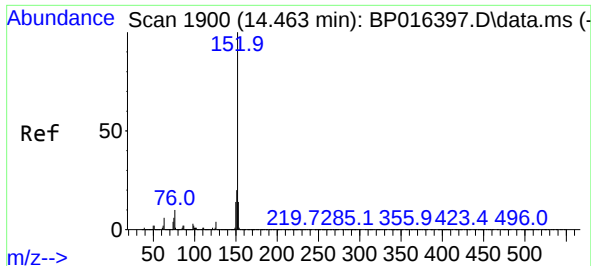
Supervised By :mohammad ahmed 07/29/2023



#48  
2-Nitroaniline  
Concen: 52.604 ng  
RT: 13.840 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Tgt Ion: 65 Resp: 772319  
Ion Ratio Lower Upper  
65 100  
92 73.1 58.2 87.4  
138 109.7 91.3 136.9





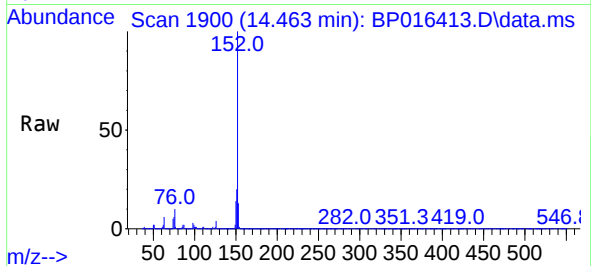
#49  
Acenaphthylene  
Concen: 48.096 ng  
RT: 14.463 min Scan# 1900  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Instrument :

BNA\_P

ClientSampleId :

PB154218BS



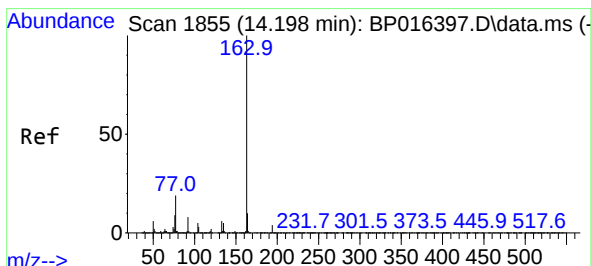
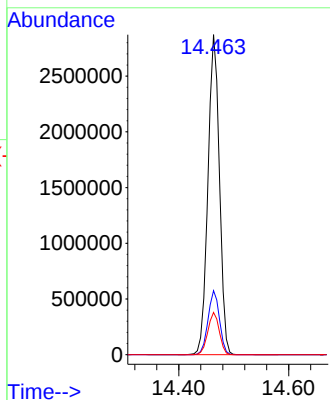
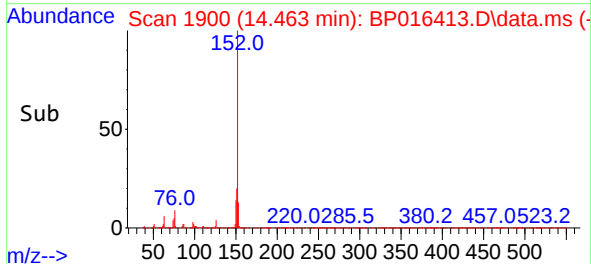
Tgt Ion:152 Resp: 415648  
Ion Ratio Lower Upper  
152 100  
151 20.0 16.2 24.4  
153 13.2 10.8 16.2

Manual Integrations

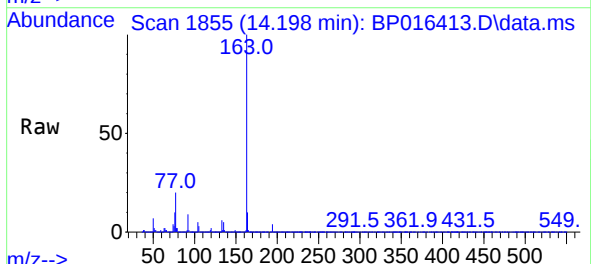
APPROVED

Reviewed By :Yogesh Patel 07/29/2023

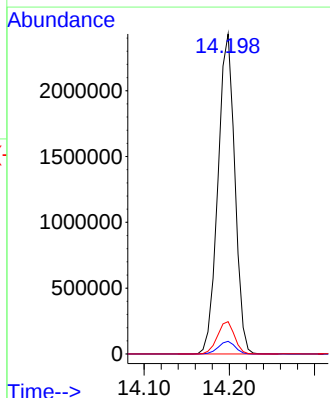
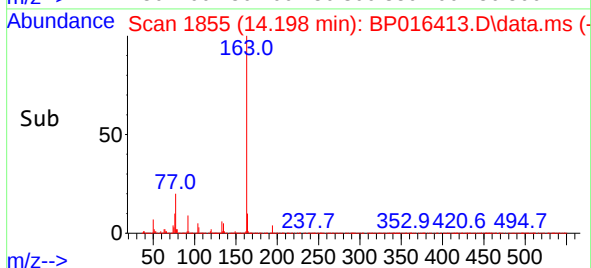
Supervised By :mohammad ahmed 07/29/2023

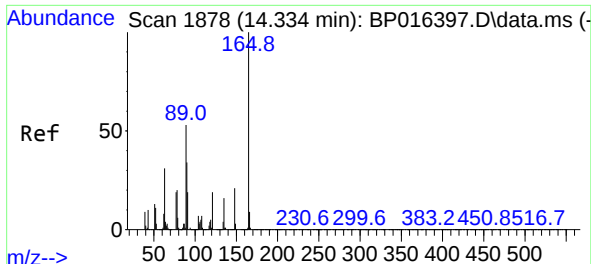


#50  
Dimethylphthalate  
Concen: 47.335 ng  
RT: 14.198 min Scan# 1855  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12



Tgt Ion:163 Resp: 3340748  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.4 5.2  
164 10.1 8.2 12.2





#51  
2,6-Dinitrotoluene  
Concen: 49.376 ng  
RT: 14.328 min Scan# 1877  
Delta R.T. -0.006 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Instrument :

BNA\_P

ClientSampleId :

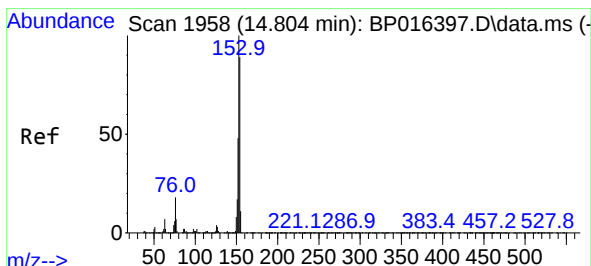
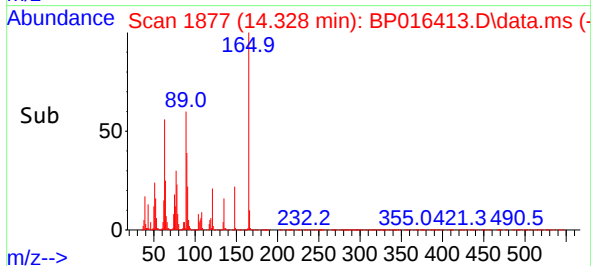
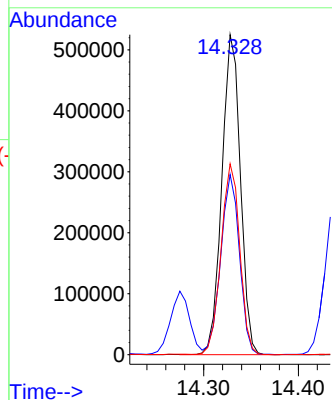
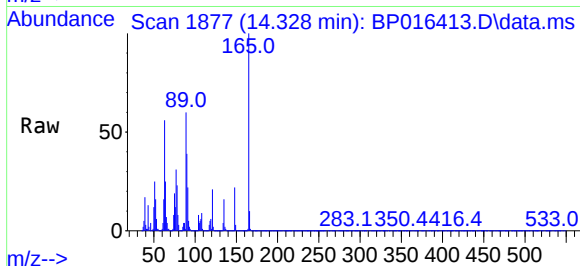
PB154218BS

Tgt Ion:165 Resp: 713909  
Ion Ratio Lower Upper  
165 100  
63 56.3 39.1 58.7  
89 59.7 42.5 63.7

Manual Integrations

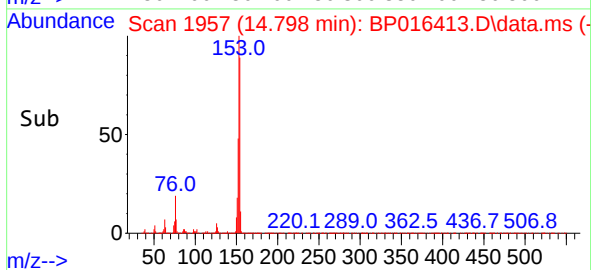
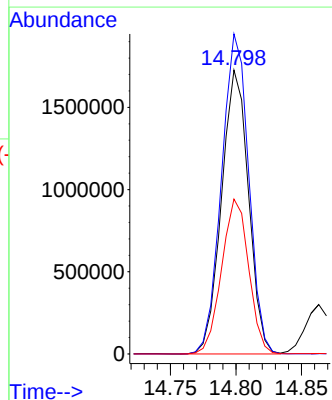
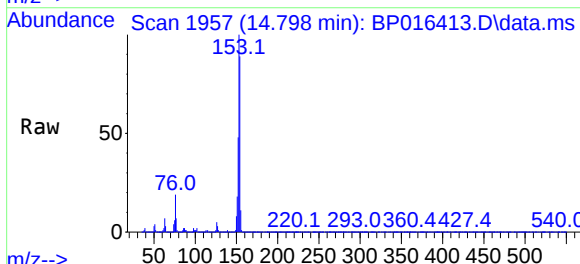
APPROVED

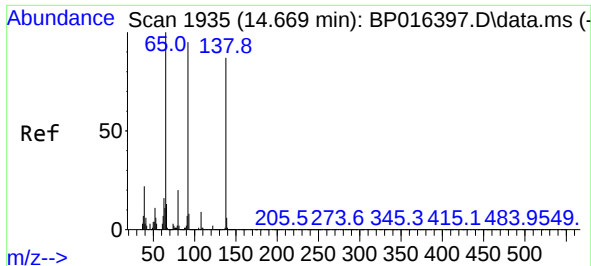
Reviewed By :Yogesh Patel 07/29/2023  
Supervised By :mohammad ahmed 07/29/2023



#52  
Acenaphthene  
Concen: 48.053 ng  
RT: 14.798 min Scan# 1957  
Delta R.T. -0.006 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

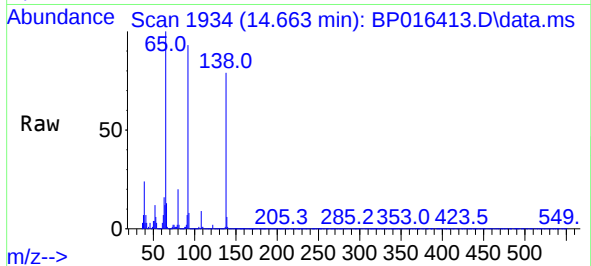
Tgt Ion:154 Resp: 2469468  
Ion Ratio Lower Upper  
154 100  
153 112.8 90.4 135.6  
152 54.6 43.4 65.0





#53  
3-Nitroaniline  
Concen: 40.216 ng  
RT: 14.663 min Scan# 1934  
Delta R.T. -0.006 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

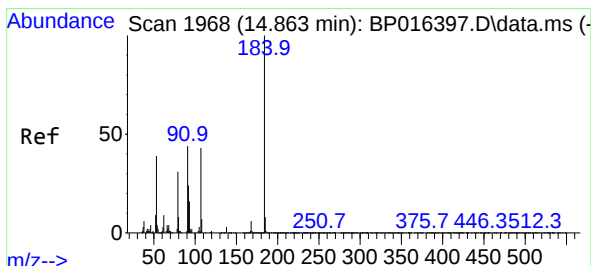
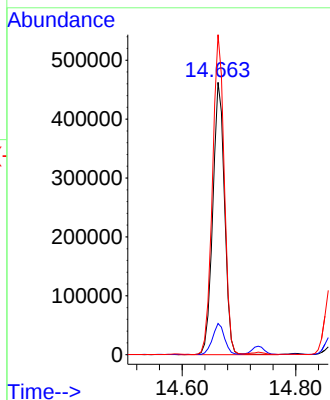
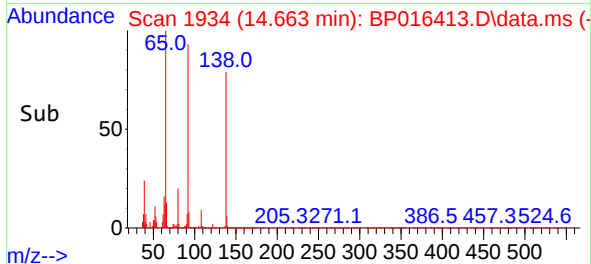
Instrument :  
BNA\_P  
ClientSampleId :  
PB154218BS



Tgt Ion:138 Resp: 657374  
Ion Ratio Lower Upper  
138 100  
108 11.5 8.7 13.1  
92 117.5 87.6 131.4

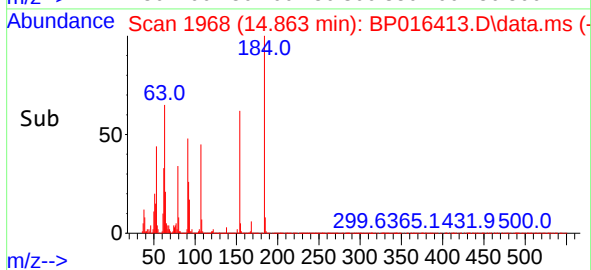
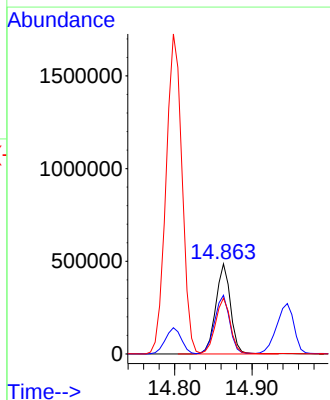
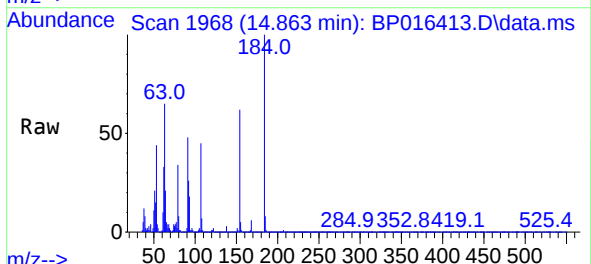
Manual Integrations  
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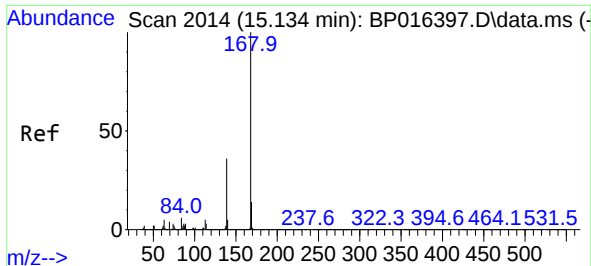
Reviewed By :Yogesh Patel 07/29/2023  
Supervised By :mohammad ahmed 07/29/2023



#54  
2,4-Dinitrophenol  
Concen: 93.221 ng  
RT: 14.863 min Scan# 1968  
Delta R.T. 0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Tgt Ion:184 Resp: 640485  
Ion Ratio Lower Upper  
184 100  
63 65.3 48.2 72.4  
154 62.0 49.6 74.4





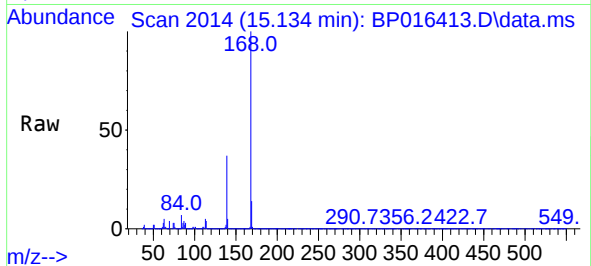
#55  
Dibenzenofuran  
Concen: 46.771 ng  
RT: 15.134 min Scan# 2014  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Instrument :

BNA\_P

ClientSampleId :

PB154218BS



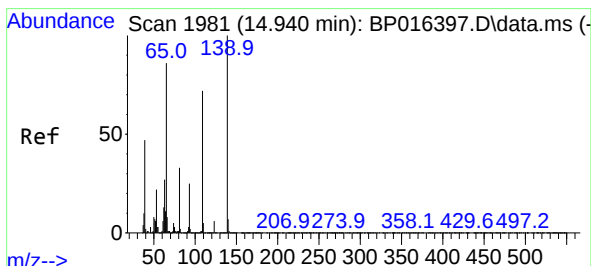
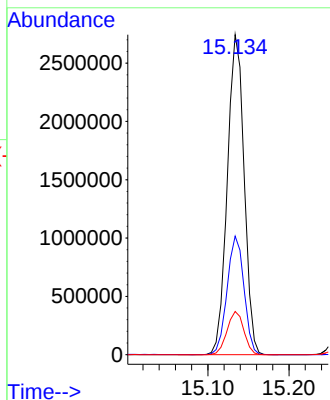
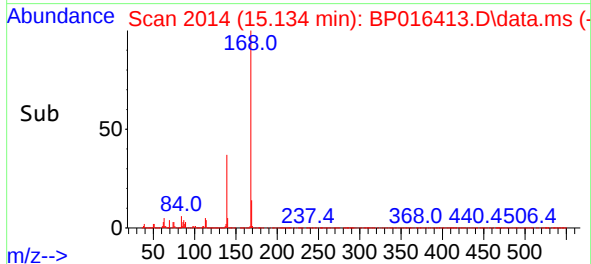
Tgt Ion:168 Resp: 3942045  
Ion Ratio Lower Upper  
168 100  
139 37.0 28.9 43.3  
169 13.5 11.0 16.4

Manual Integrations

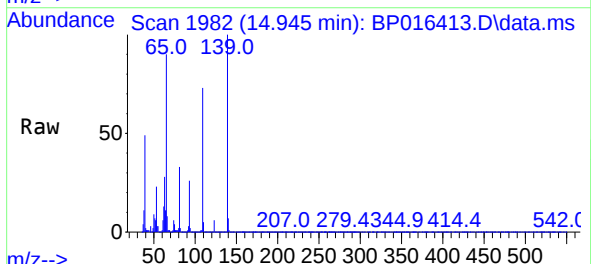
APPROVED

Reviewed By :Yogesh Patel 07/29/2023

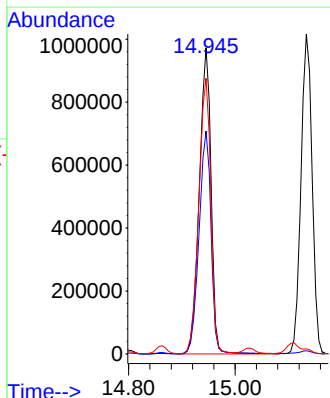
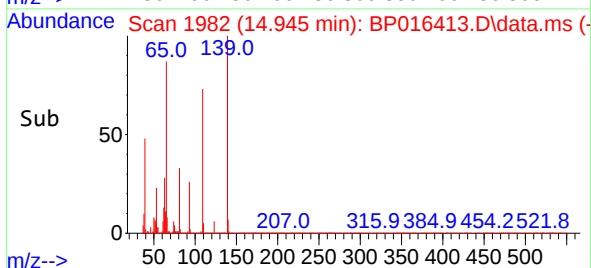
Supervised By :mohammad ahmed 07/29/2023

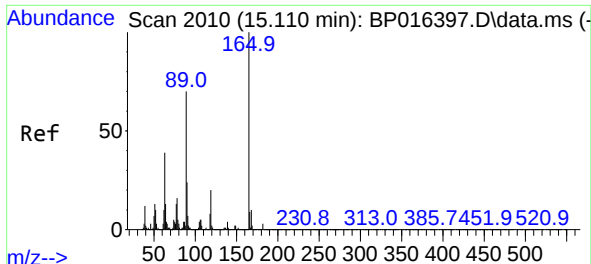


#56  
4-Nitrophenol  
Concen: 116.172 ng  
RT: 14.945 min Scan# 1982  
Delta R.T. 0.006 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12



Tgt Ion:139 Resp: 1486507  
Ion Ratio Lower Upper  
139 100  
109 72.8 51.9 91.9  
65 90.1 66.2 106.2





#57  
2,4-Dinitrotoluene  
Concen: 52.348 ng  
RT: 15.110 min Scan# 2010  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Instrument :

BNA\_P

ClientSampleId :

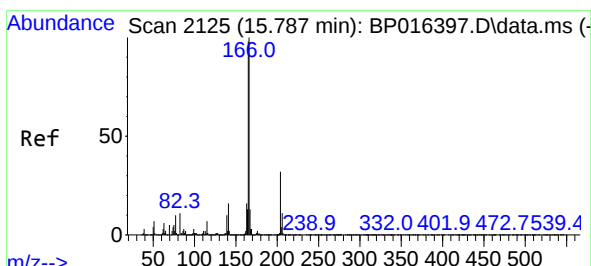
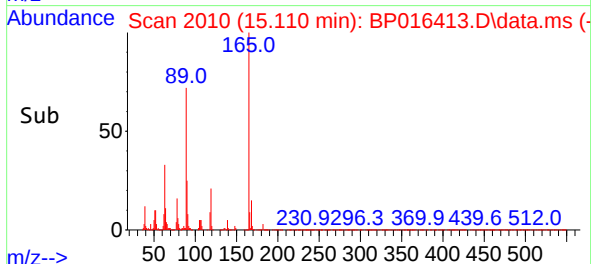
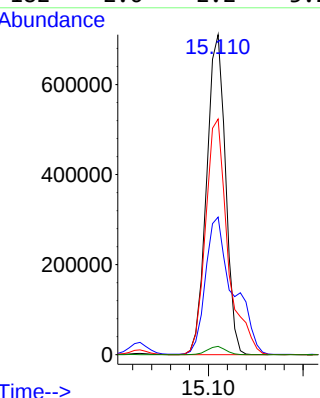
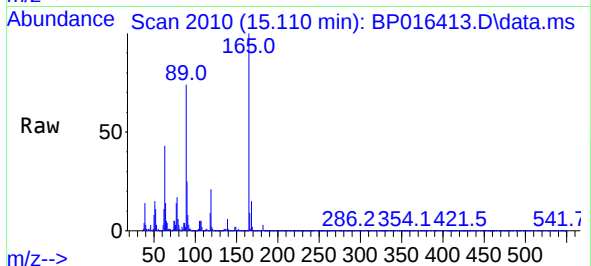
PB154218BS

Tgt Ion:165 Resp: 986415  
Ion Ratio Lower Upper  
165 100  
63 43.0 31.4 47.0  
89 73.7 55.8 83.6  
182 2.6 2.2 3.2

Manual Integrations

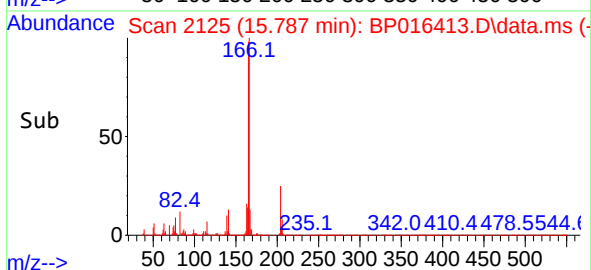
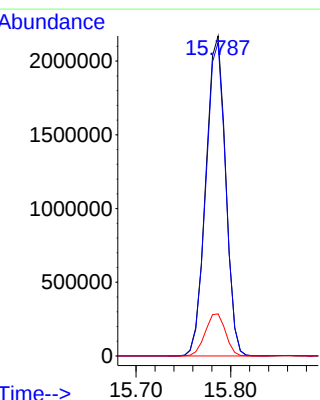
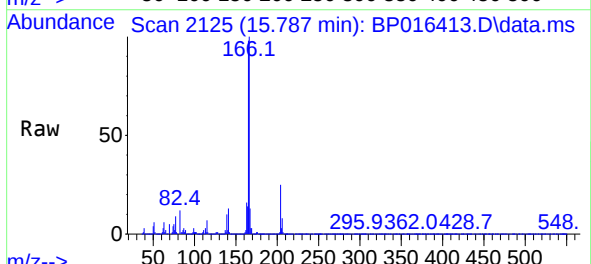
APPROVED

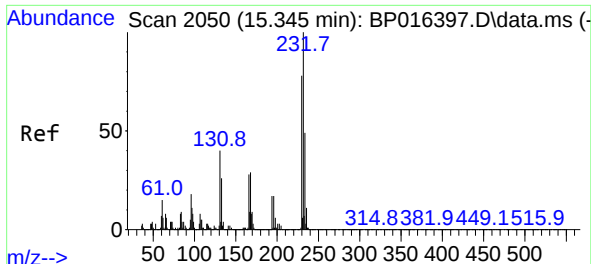
Reviewed By :Yogesh Patel 07/29/2023  
Supervised By :mohammad ahmed 07/29/2023



#58  
Fluorene  
Concen: 47.567 ng  
RT: 15.787 min Scan# 2125  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Tgt Ion:166 Resp: 3149698  
Ion Ratio Lower Upper  
166 100  
165 98.0 78.0 117.0  
167 13.2 10.6 16.0





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 48.690 ng  
RT: 15.345 min Scan# 2050  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Instrument :

BNA\_P

ClientSampleId :

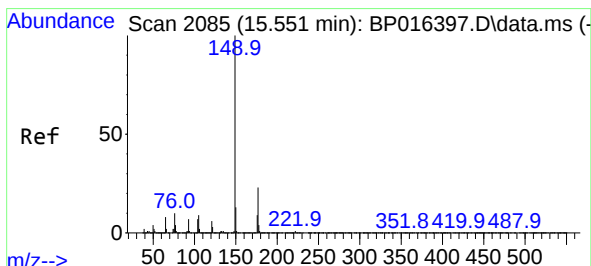
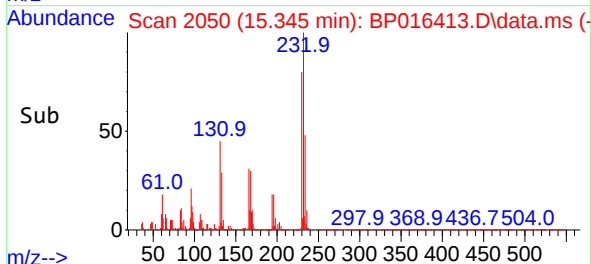
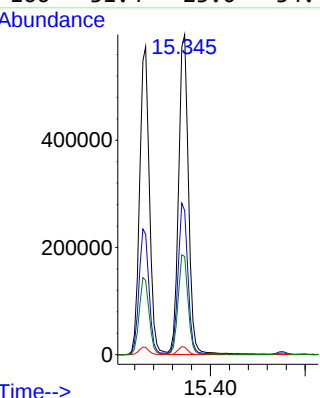
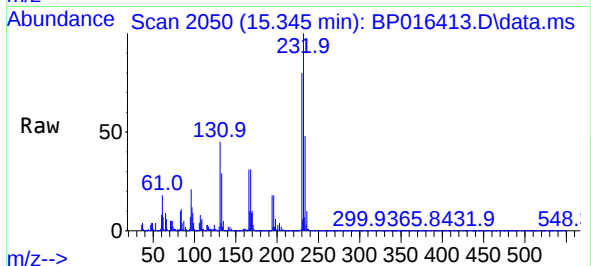
PB154218BS

Tgt Ion:232 Resp: 858140  
Ion Ratio Lower Upper  
232 100  
131 47.0 33.1 49.7  
130 2.5 1.8 2.8  
166 31.4 23.0 34.4

Manual Integrations

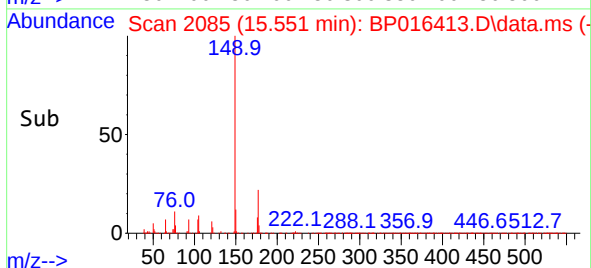
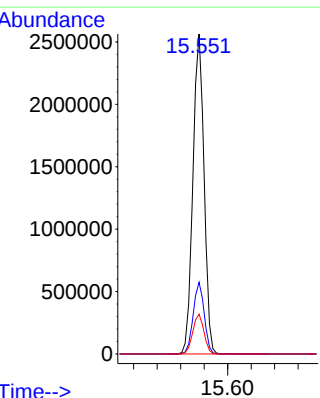
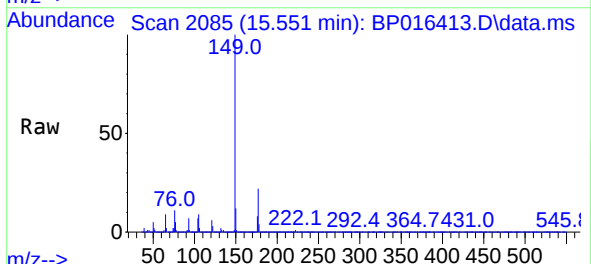
APPROVED

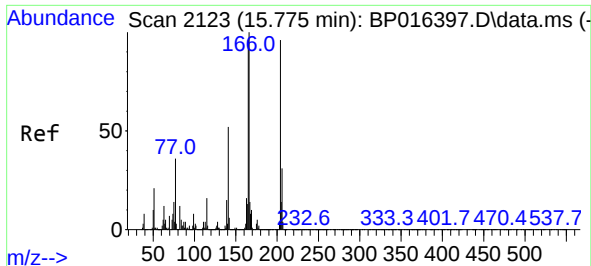
Reviewed By :Yogesh Patel 07/29/2023  
Supervised By :mohammad ahmed 07/29/2023



#60  
Diethylphthalate  
Concen: 47.976 ng  
RT: 15.551 min Scan# 2085  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

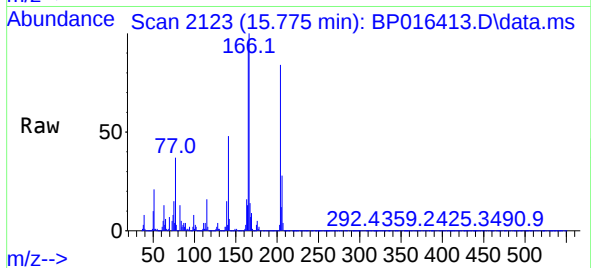
Tgt Ion:149 Resp: 3364953  
Ion Ratio Lower Upper  
149 100  
177 22.4 18.6 27.8  
150 12.5 10.1 15.1





#61  
4-Chlorophenyl-phenylether  
Concen: 45.491 ng  
RT: 15.775 min Scan# 2123  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

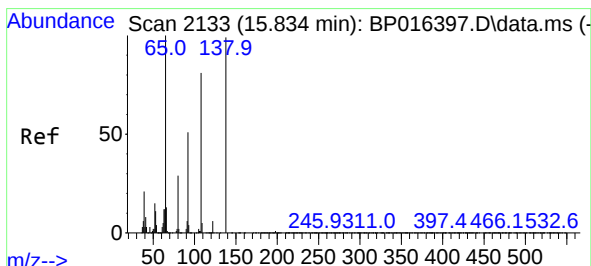
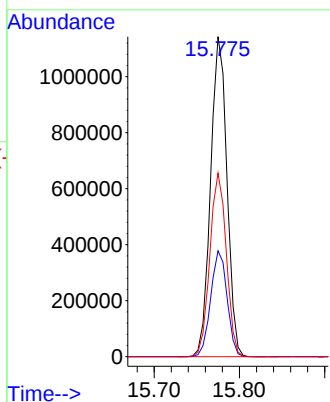
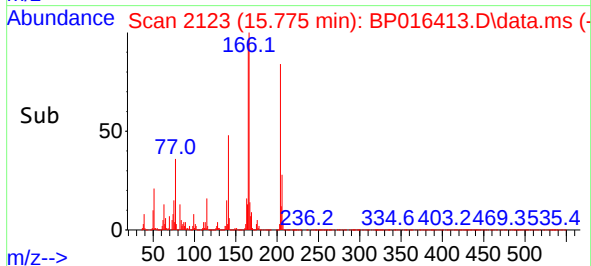
Instrument :  
BNA\_P  
ClientSampleId :  
PB154218BS



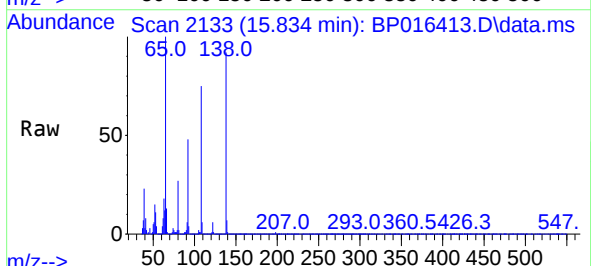
Tgt Ion:204 Resp: 152003  
Ion Ratio Lower Upper  
204 100  
206 33.1 26.2 39.4  
141 57.3 43.4 65.0

Manual Integrations  
APPROVED

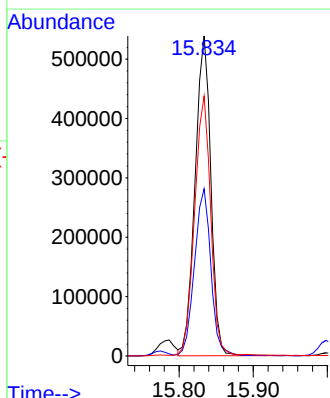
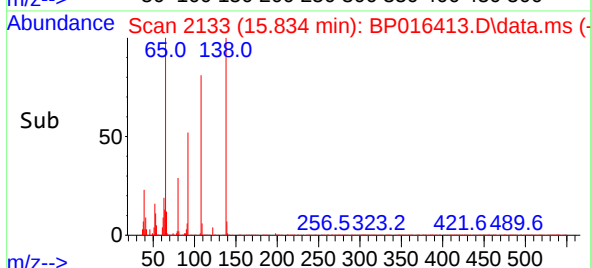
Reviewed By :Yogesh Patel 07/29/2023  
Supervised By :mohammad ahmed 07/29/2023

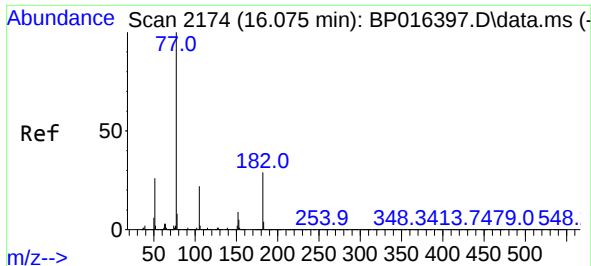


#62  
4-Nitroaniline  
Concen: 49.024 ng  
RT: 15.834 min Scan# 2133  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12



Tgt Ion:138 Resp: 795278  
Ion Ratio Lower Upper  
138 100  
92 52.2 30.3 70.3  
108 81.2 60.1 100.1





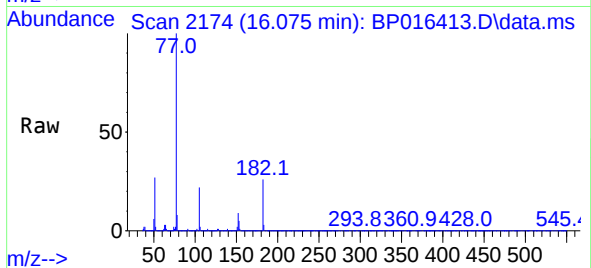
#63  
Azobenzene  
Concen: 49.552 ng  
RT: 16.075 min Scan# 2174  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Instrument :

BNA\_P

ClientSampleId :

PB154218BS



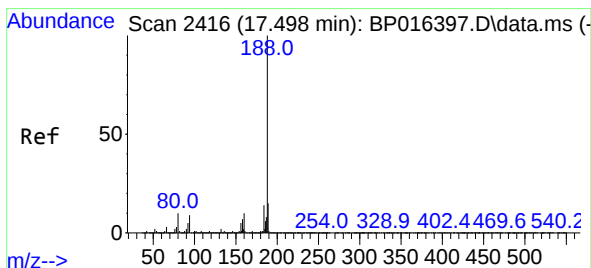
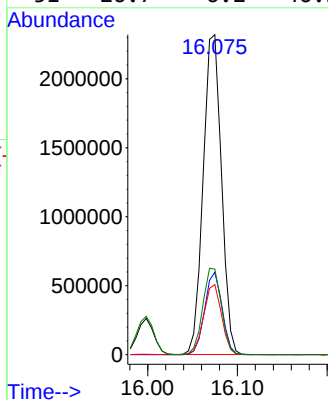
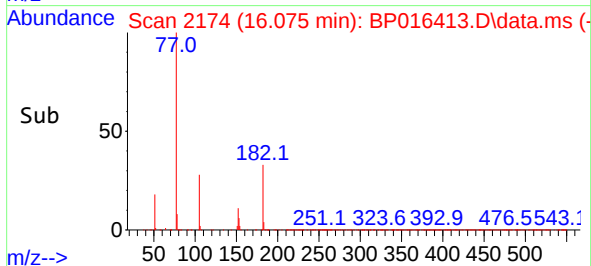
Tgt Ion: 77 Resp: 328164  
Ion Ratio Lower Upper  
77 100  
182 25.8 8.6 48.6  
105 21.9 2.4 42.4  
51 26.7 6.2 46.2

Manual Integrations

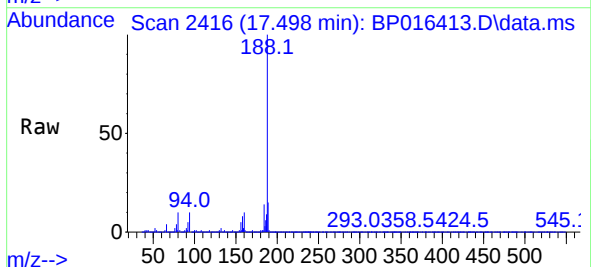
APPROVED

Reviewed By :Yogesh Patel 07/29/2023

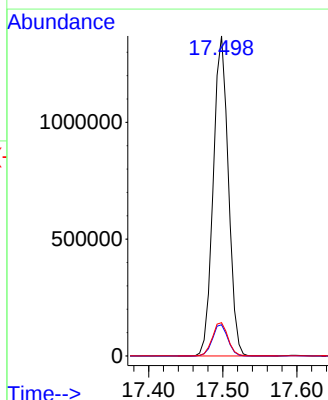
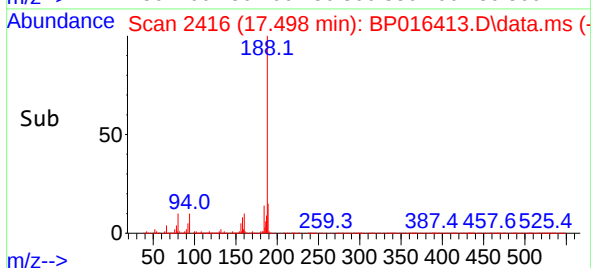
Supervised By :mohammad ahmed 07/29/2023

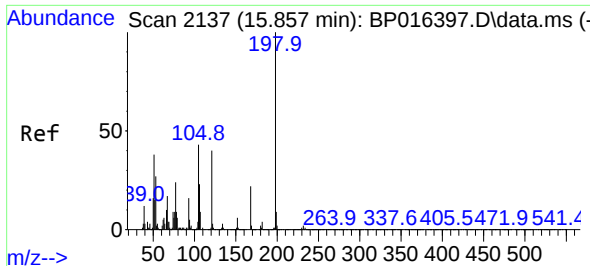


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.498 min Scan# 2416  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12



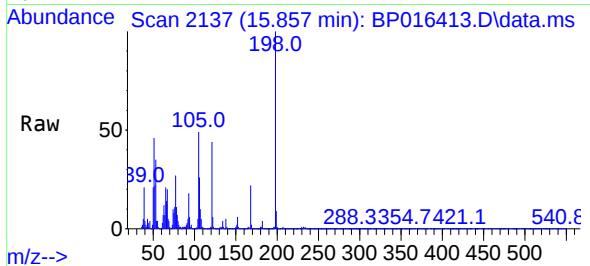
Tgt Ion:188 Resp: 1936048  
Ion Ratio Lower Upper  
188 100  
94 9.7 7.4 11.0  
80 10.4 7.8 11.8





#65  
4,6-Dinitro-2-methylphenol  
Concen: 48.485 ng  
RT: 15.857 min Scan# 2137  
Delta R.T. 0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

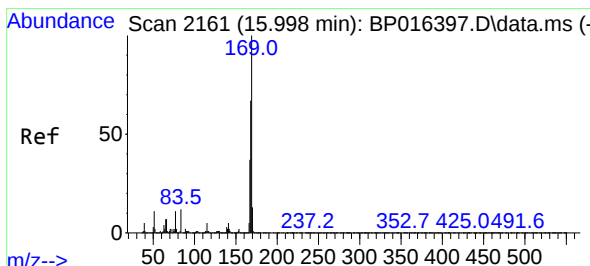
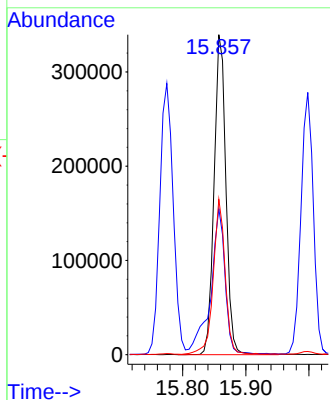
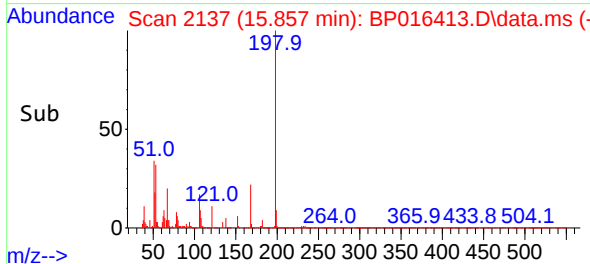
Instrument :  
BNA\_P  
ClientSampleId :  
PB154218BS



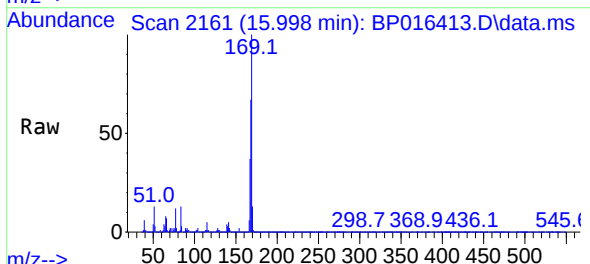
Tgt Ion:198 Resp: 440199  
Ion Ratio Lower Upper  
198 100  
51 45.6 20.1 60.1  
105 48.6 23.1 63.1

Manual Integrations  
APPROVED

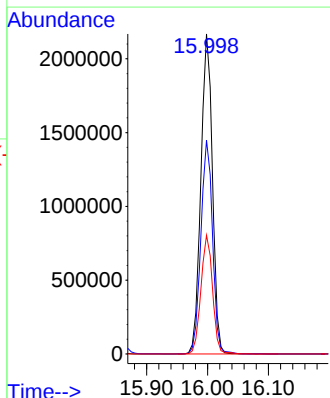
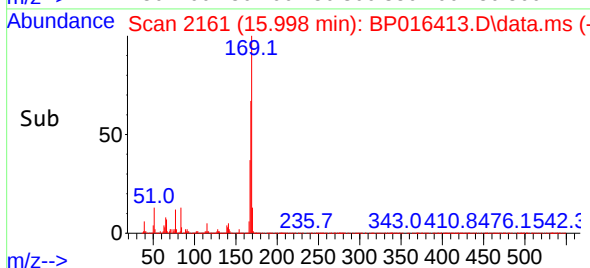
Reviewed By :Yogesh Patel 07/29/2023  
Supervised By :mohammad ahmed 07/29/2023

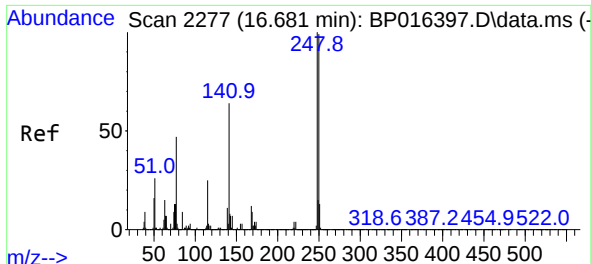


#66  
n-Nitrosodiphenylamine  
Concen: 49.813 ng  
RT: 15.998 min Scan# 2161  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12



Tgt Ion:169 Resp: 2842176  
Ion Ratio Lower Upper  
169 100  
168 66.8 53.6 80.4  
167 37.1 29.2 43.8





#67  
4-Bromophenyl-phenylether  
Concen: 46.450 ng  
RT: 16.681 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Instrument :

BNA\_P

ClientSampleId :

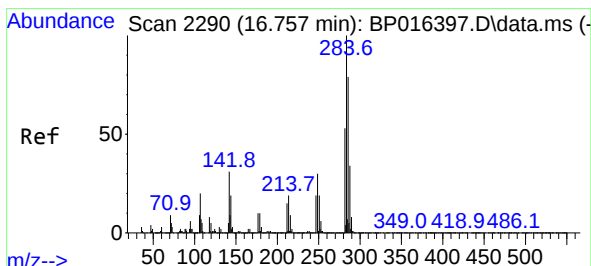
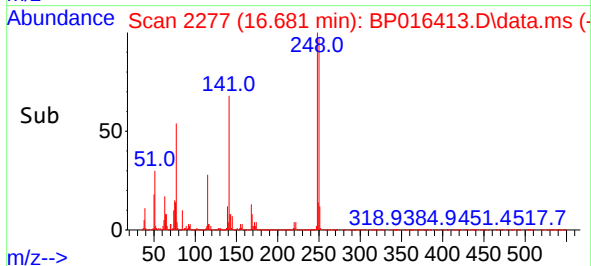
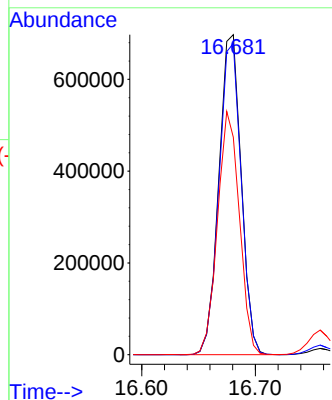
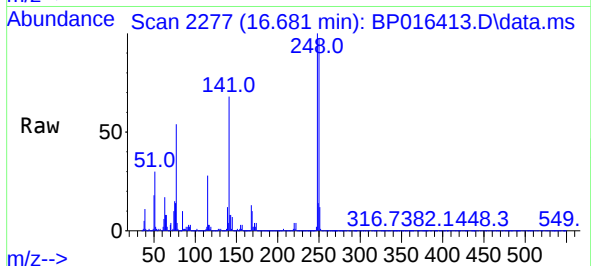
PB154218BS

Tgt Ion:248 Resp: 952234  
Ion Ratio Lower Upper  
248 100  
250 97.3 78.9 118.3  
141 68.0 51.0 76.4

Manual Integrations

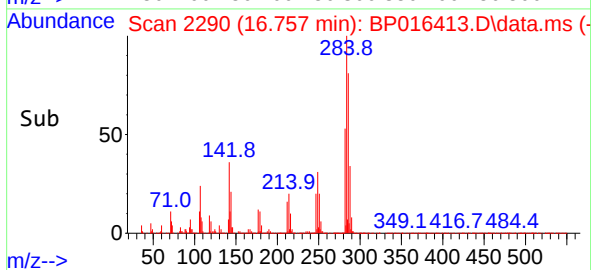
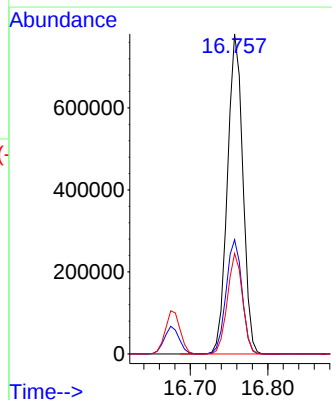
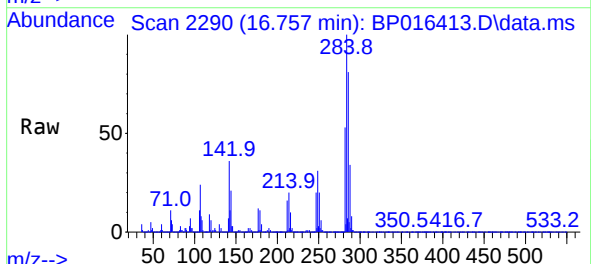
APPROVED

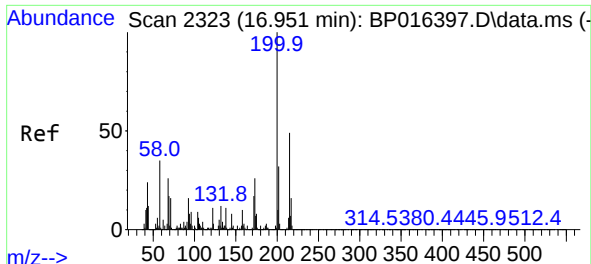
Reviewed By :Yogesh Patel 07/29/2023  
Supervised By :mohammad ahmed 07/29/2023



#68  
Hexachlorobenzene  
Concen: 47.176 ng  
RT: 16.757 min Scan# 2290  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Tgt Ion:284 Resp: 1078520  
Ion Ratio Lower Upper  
284 100  
142 35.7 25.2 37.8  
249 31.4 26.0 39.0





#69  
 Atrazine  
 Concen: 60.850 ng  
 RT: 16.951 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BP016413.D  
 Acq: 28 Jul 2023 09:12

Instrument :

BNA\_P

ClientSampleId :

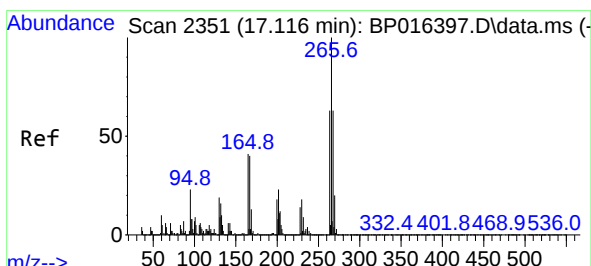
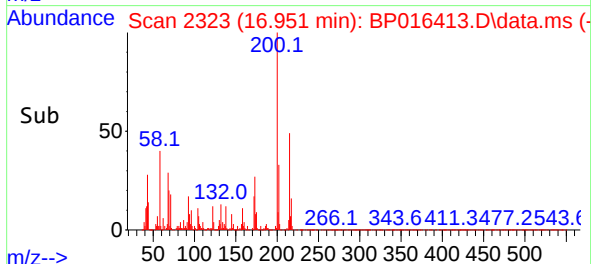
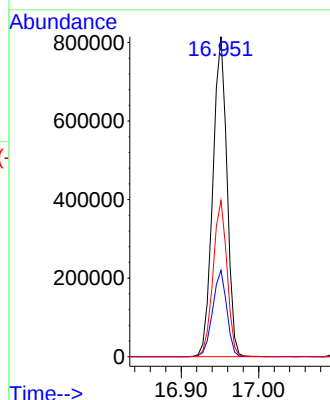
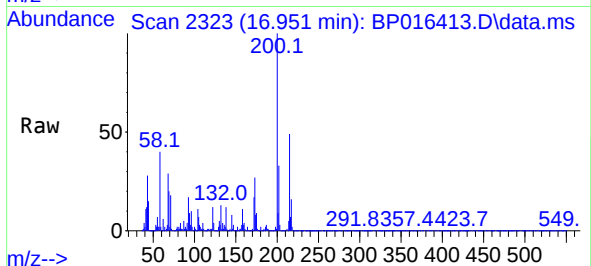
PB154218BS

Tgt Ion:200 Resp: 1032540  
 Ion Ratio Lower Upper  
 200 100  
 173 27.0 5.8 45.8  
 215 48.8 29.2 69.2

Manual Integrations

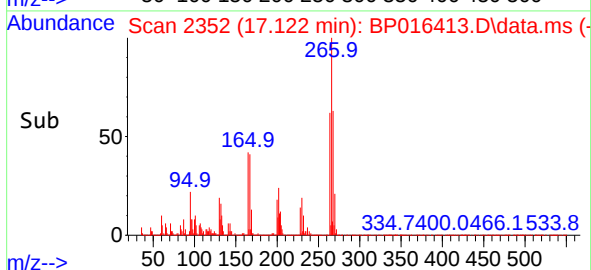
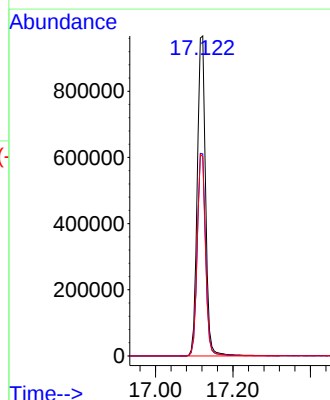
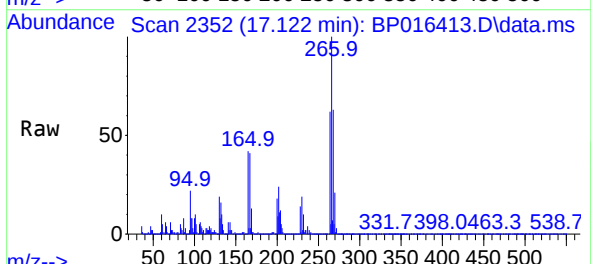
APPROVED

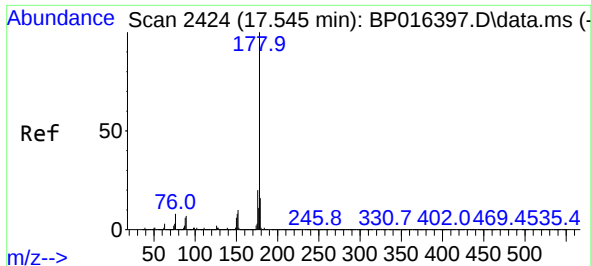
Reviewed By :Yogesh Patel 07/29/2023  
 Supervised By :mohammad ahmed 07/29/2023



#70  
 Pentachlorophenol  
 Concen: 90.714 ng  
 RT: 17.122 min Scan# 2352  
 Delta R.T. 0.006 min  
 Lab File: BP016413.D  
 Acq: 28 Jul 2023 09:12

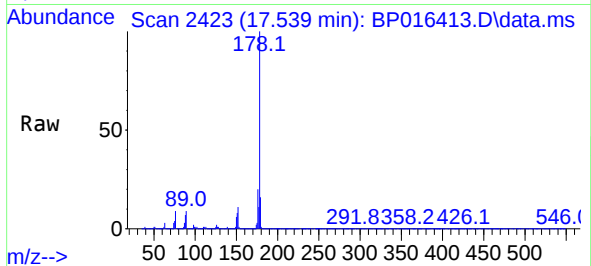
Tgt Ion:266 Resp: 1435150  
 Ion Ratio Lower Upper  
 266 100  
 268 63.1 53.9 80.9  
 264 62.3 54.9 82.3





#71  
Phenanthrene  
Concen: 49.770 ng  
RT: 17.539 min Scan# 2423  
Delta R.T. -0.006 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

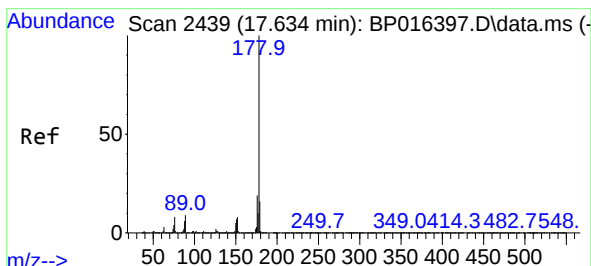
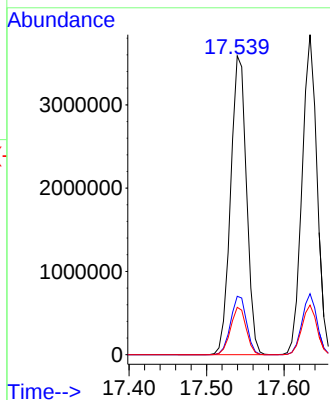
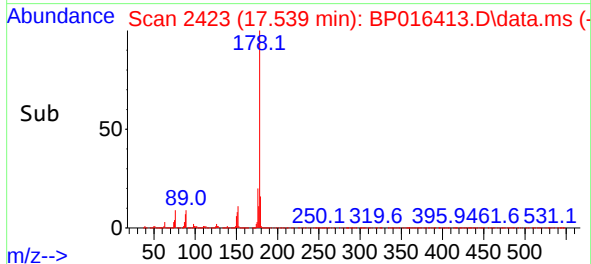
Instrument :  
BNA\_P  
ClientSampleId :  
PB154218BS



Tgt Ion:178 Resp: 511654  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.8 23.8  
179 15.9 12.4 18.6

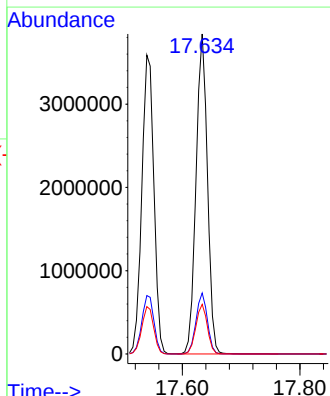
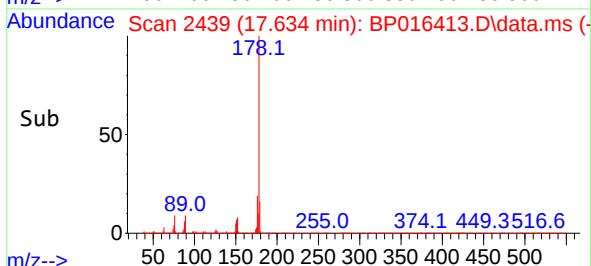
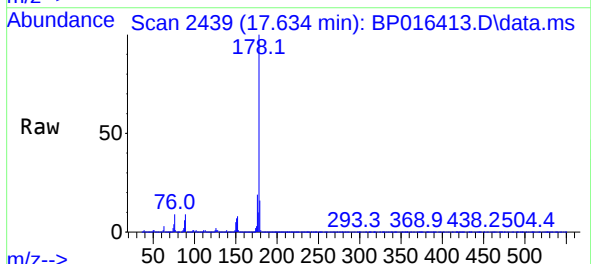
Manual Integrations  
APPROVED

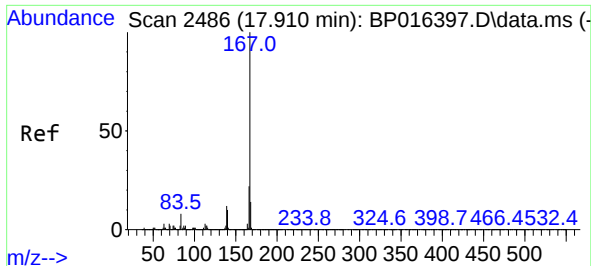
Reviewed By :Yogesh Patel 07/29/2023  
Supervised By :mohammad ahmed 07/29/2023



#72  
Anthracene  
Concen: 50.037 ng  
RT: 17.634 min Scan# 2439  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Tgt Ion:178 Resp: 5172465  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.2 22.8  
179 15.5 12.6 19.0





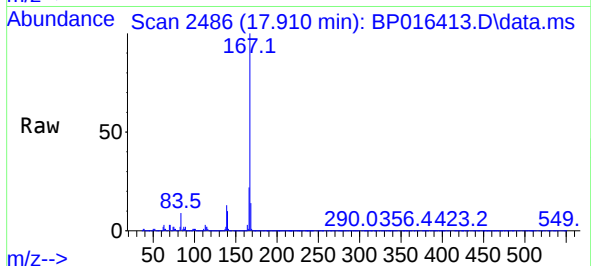
#73  
 Carbazole  
 Concen: 51.700 ng  
 RT: 17.910 min Scan# 2486  
 Delta R.T. -0.000 min  
 Lab File: BP016413.D  
 Acq: 28 Jul 2023 09:12

Instrument :

BNA\_P

ClientSampleId :

PB154218BS

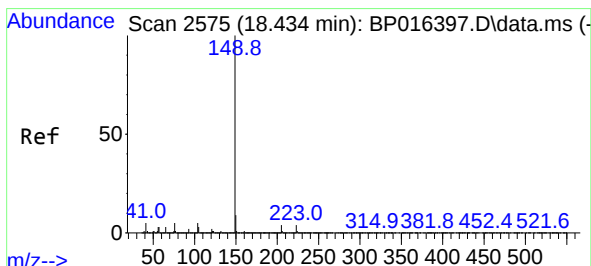
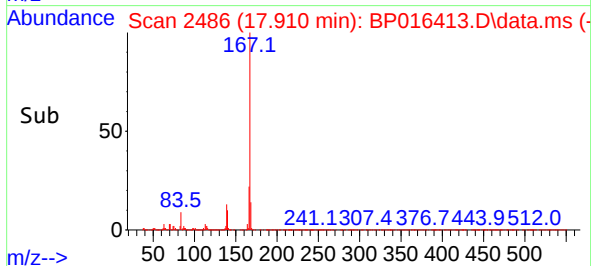
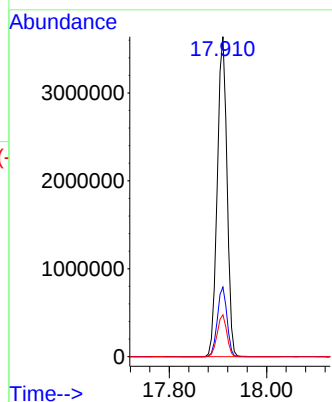


Tgt Ion:167 Resp: 501055  
 Ion Ratio Lower Upper  
 167 100  
 166 21.7 17.2 25.8  
 139 13.1 9.9 14.9

Manual Integrations

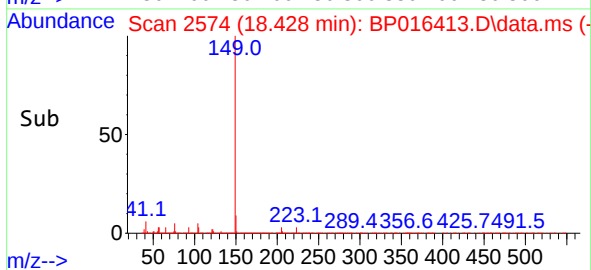
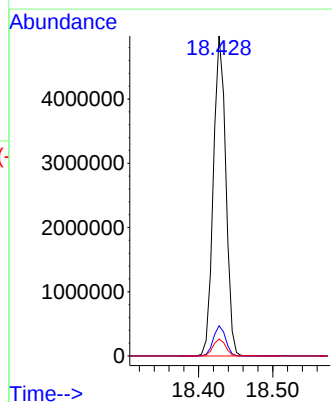
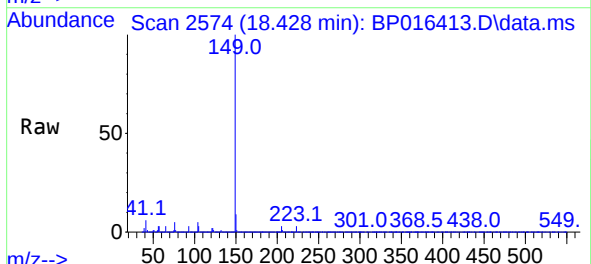
APPROVED

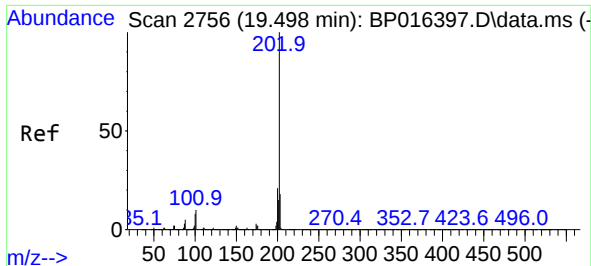
Reviewed By :Yogesh Patel 07/29/2023  
 Supervised By :mohammad ahmed 07/29/2023



#74  
 Di-n-butylphthalate  
 Concen: 51.729 ng  
 RT: 18.428 min Scan# 2574  
 Delta R.T. -0.006 min  
 Lab File: BP016413.D  
 Acq: 28 Jul 2023 09:12

Tgt Ion:149 Resp: 5800118  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.4 11.2  
 104 5.3 3.8 5.8





#75  
Fluoranthene  
Concen: 48.930 ng  
RT: 19.498 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Instrument :

BNA\_P

ClientSampleId :

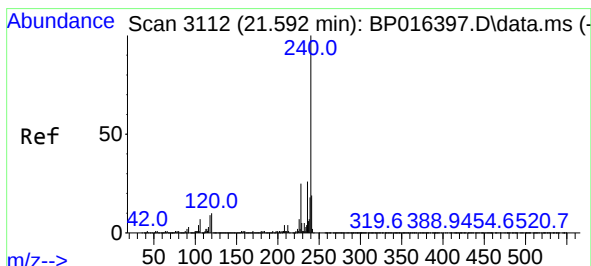
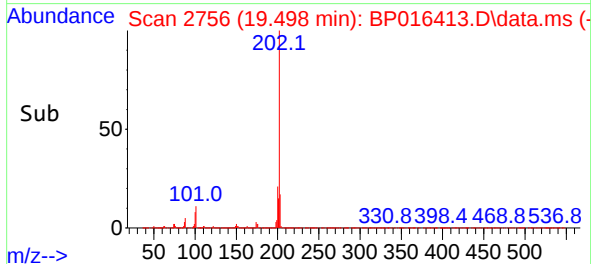
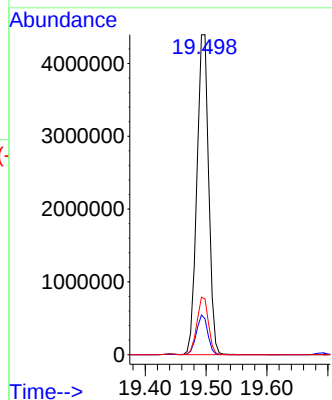
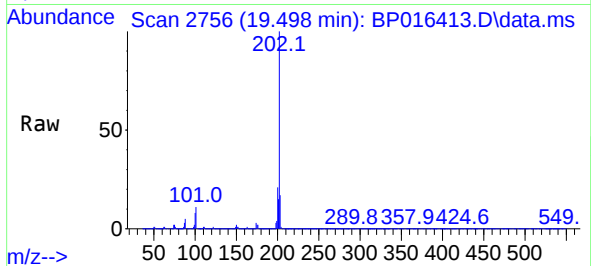
PB154218BS

Tgt Ion:202 Resp: 589575  
Ion Ratio Lower Upper  
202 100  
101 11.2 0.0 30.2  
203 17.4 0.0 37.9

Manual Integrations

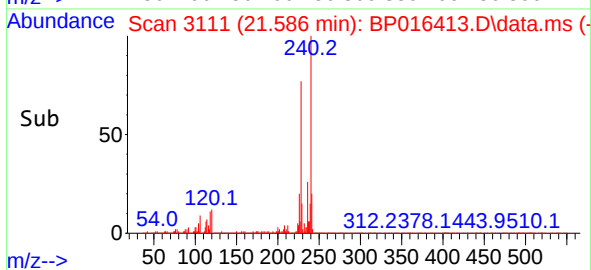
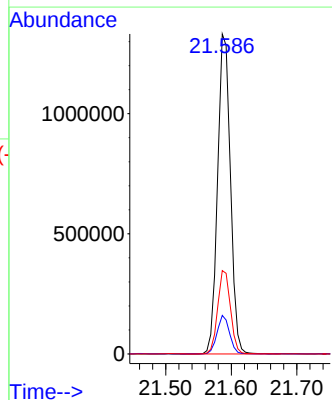
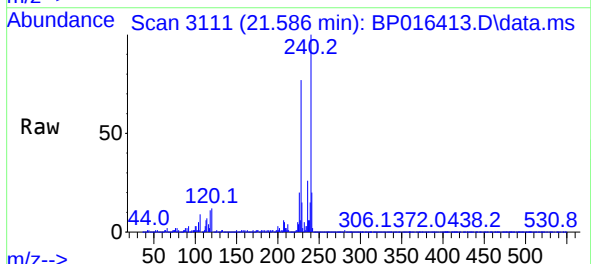
APPROVED

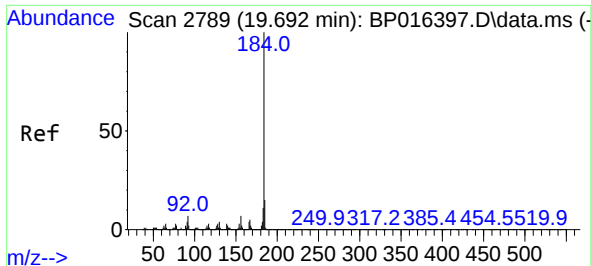
Reviewed By :Yogesh Patel 07/29/2023  
Supervised By :mohammad ahmed 07/29/2023



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.586 min Scan# 3111  
Delta R.T. -0.006 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Tgt Ion:240 Resp: 1800693  
Ion Ratio Lower Upper  
240 100  
120 12.0 7.9 11.9#  
236 26.1 21.1 31.7





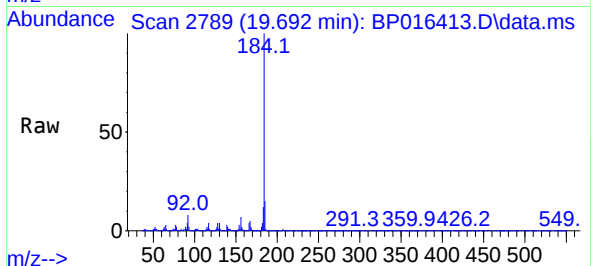
#77  
Benzidine  
Concen: 116.422 ng  
RT: 19.692 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Instrument :

BNA\_P

ClientSampleId :

PB154218BS

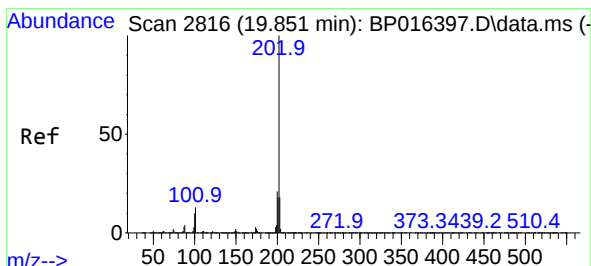
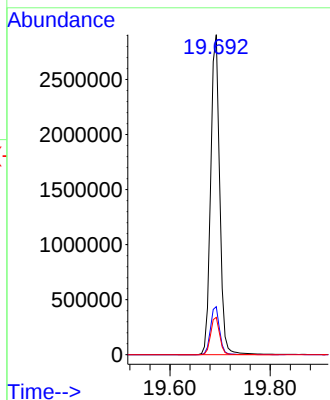
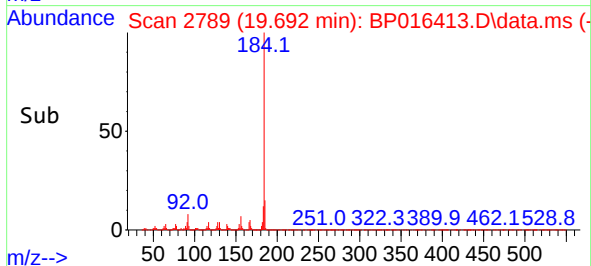


Tgt Ion:184 Resp: 3634689  
Ion Ratio Lower Upper  
184 100  
185 15.0 12.0 18.0  
183 11.6 9.2 13.8

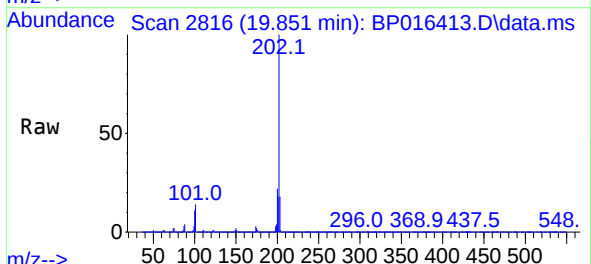
Manual Integrations

APPROVED

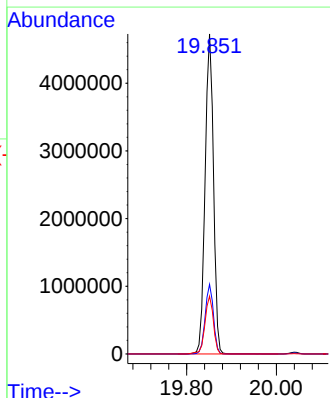
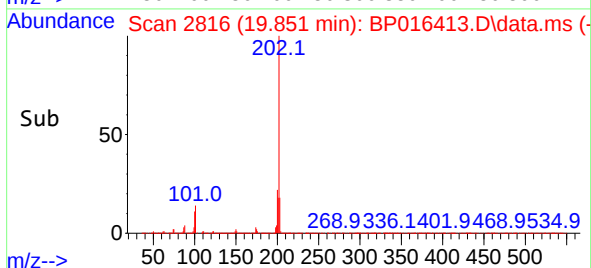
Reviewed By :Yogesh Patel 07/29/2023  
Supervised By :mohammad ahmed 07/29/2023

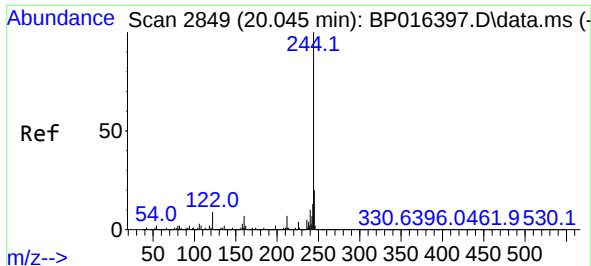


#78  
Pyrene  
Concen: 50.591 ng  
RT: 19.851 min Scan# 2816  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12



Tgt Ion:202 Resp: 6106780  
Ion Ratio Lower Upper  
202 100  
200 21.7 17.1 25.7  
203 18.1 14.4 21.6





#79  
 Terphenyl-d14  
 Concen: 112.937 ng  
 RT: 20.039 min Scan# 2849  
 Delta R.T. -0.006 min  
 Lab File: BP016413.D  
 Acq: 28 Jul 2023 09:12

Instrument :

BNA\_P

ClientSampleId :

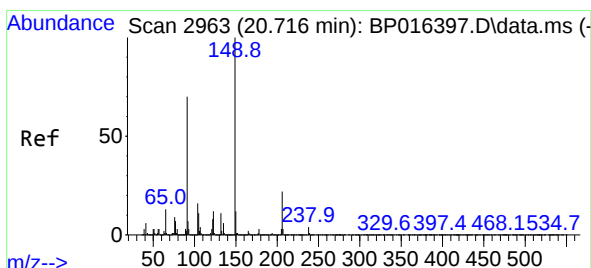
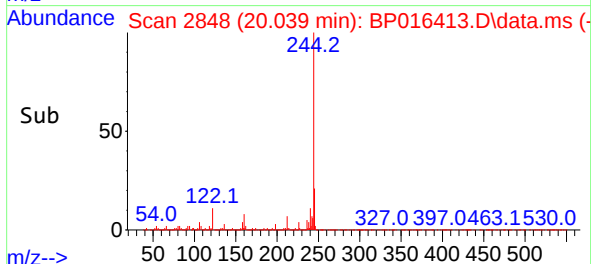
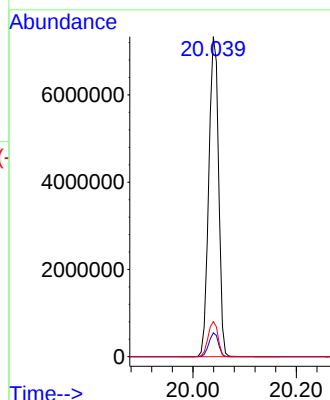
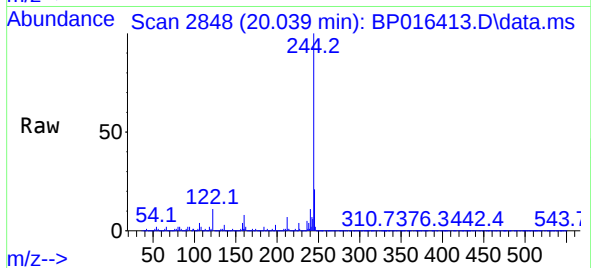
PB154218BS

Tgt Ion:244 Resp: 962706  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 5.6 8.4  
 122 11.0 7.4 11.2

Manual Integrations

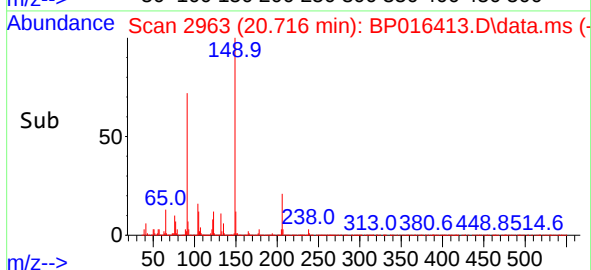
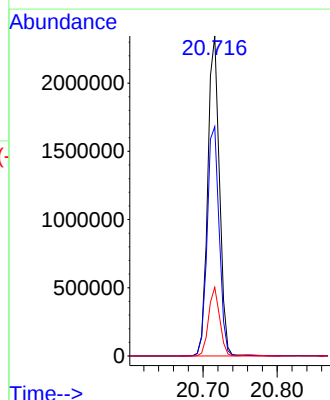
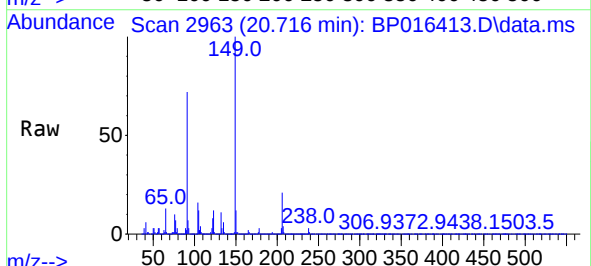
APPROVED

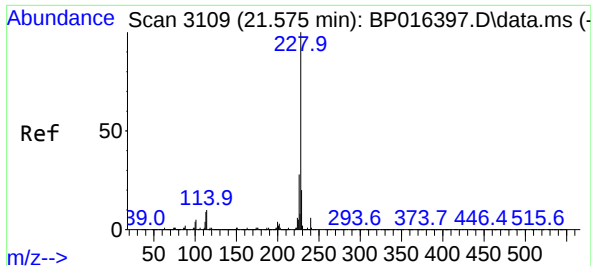
Reviewed By :Yogesh Patel 07/29/2023  
 Supervised By :mohammad ahmed 07/29/2023



#80  
 Butylbenzylphthalate  
 Concen: 54.102 ng  
 RT: 20.716 min Scan# 2963  
 Delta R.T. -0.000 min  
 Lab File: BP016413.D  
 Acq: 28 Jul 2023 09:12

Tgt Ion:149 Resp: 2565593  
 Ion Ratio Lower Upper  
 149 100  
 91 71.6 56.1 84.1  
 206 21.5 17.8 26.6





#81  
Benzo(a)anthracene  
Concen: 49.363 ng  
RT: 21.569 min Scan# 3109  
Delta R.T. -0.006 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Instrument :

BNA\_P

ClientSampleId :

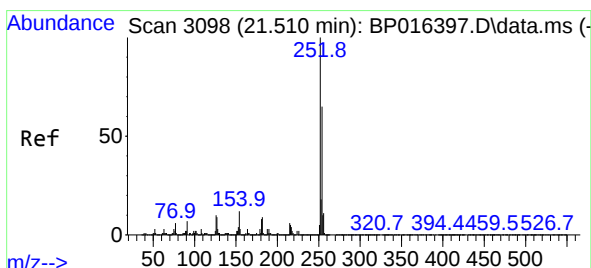
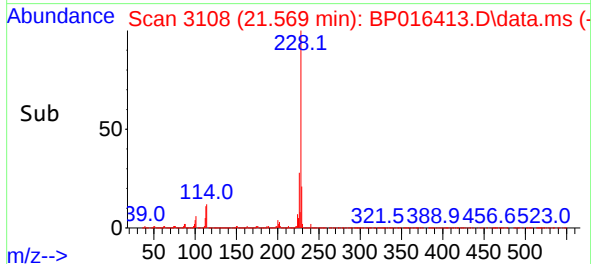
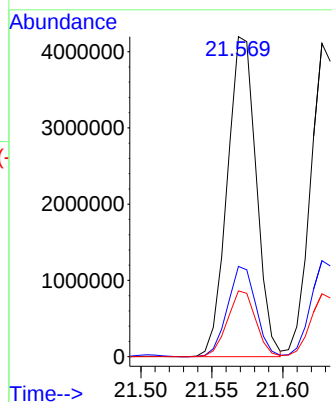
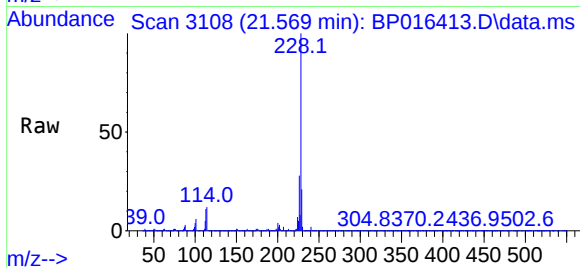
PB154218BS

Tgt Ion:228 Resp: 5963984  
Ion Ratio Lower Upper  
228 100  
226 28.2 22.4 33.6  
229 20.6 16.2 24.4

Manual Integrations

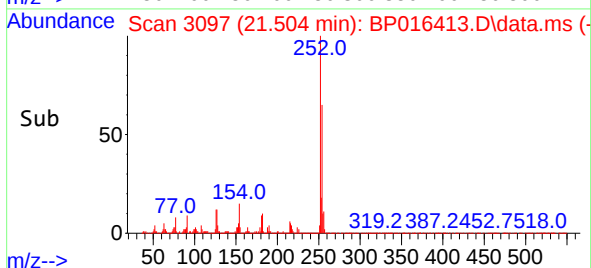
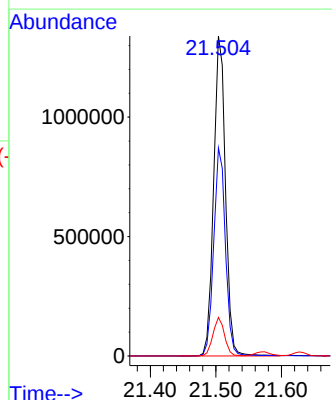
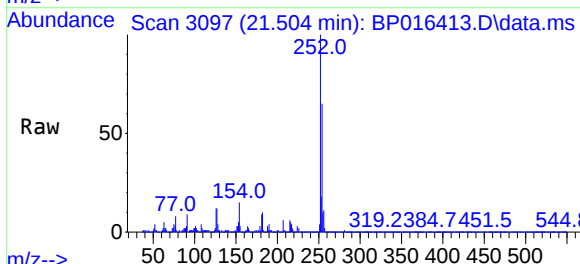
APPROVED

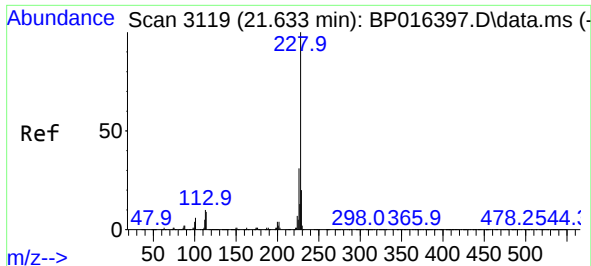
Reviewed By :Yogesh Patel 07/29/2023  
Supervised By :mohammad ahmed 07/29/2023



#82  
3,3'-Dichlorobenzidine  
Concen: 42.246 ng  
RT: 21.504 min Scan# 3097  
Delta R.T. -0.006 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Tgt Ion:252 Resp: 1675491  
Ion Ratio Lower Upper  
252 100  
254 65.0 52.2 78.2  
126 12.1 7.8 11.6#





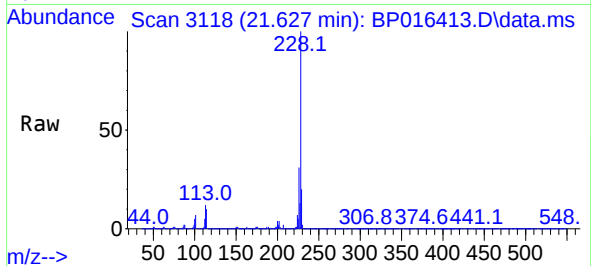
#83  
Chrysene  
Concen: 48.265 ng  
RT: 21.627 min Scan# 3118  
Delta R.T. -0.006 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Instrument :

BNA\_P

ClientSampleId :

PB154218BS

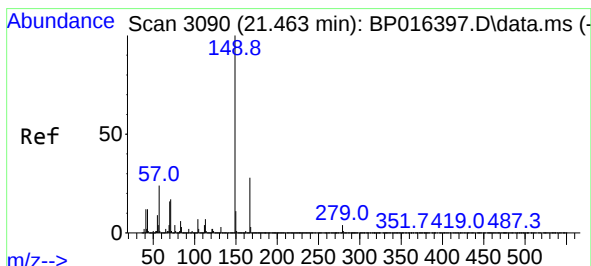
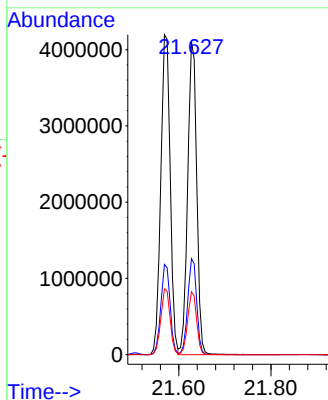
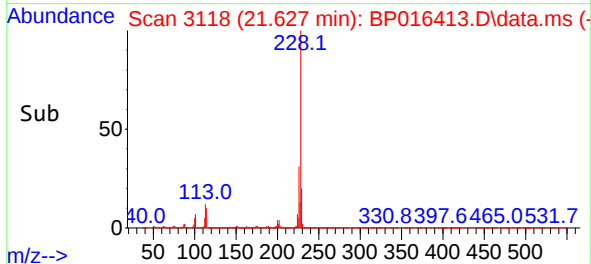


Tgt Ion:228 Resp: 5568410  
Ion Ratio Lower Upper  
228 100  
226 30.7 24.6 37.0  
229 20.1 16.0 24.0

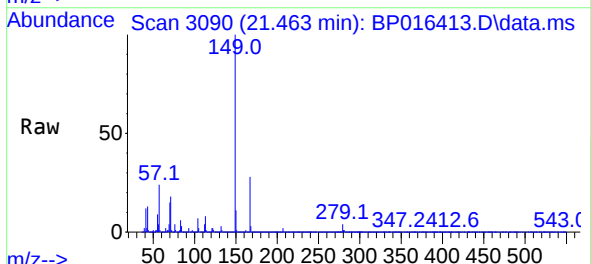
Manual Integrations

APPROVED

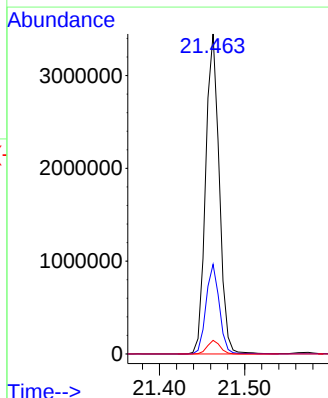
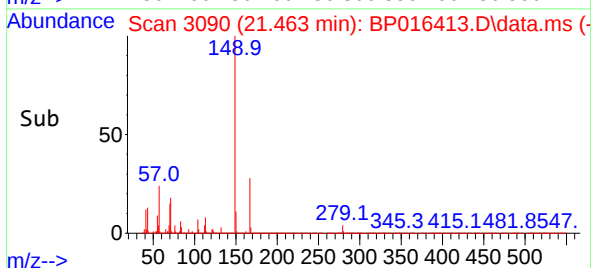
Reviewed By :Yogesh Patel 07/29/2023  
Supervised By :mohammad ahmed 07/29/2023

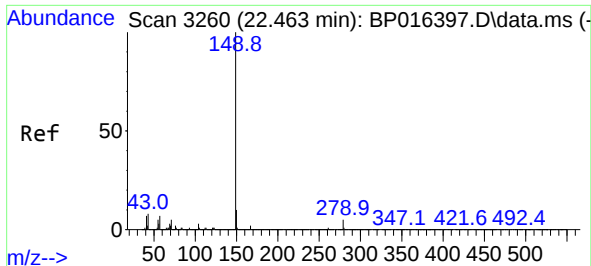


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 53.548 ng  
RT: 21.463 min Scan# 3090  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12



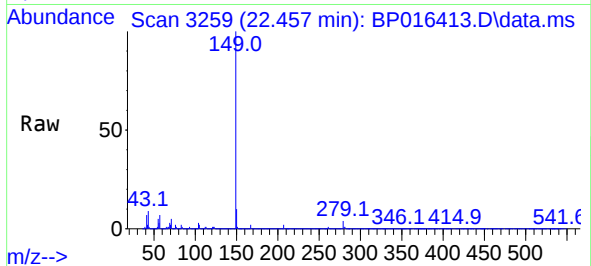
Tgt Ion:149 Resp: 3812490  
Ion Ratio Lower Upper  
149 100  
167 28.0 22.5 33.7  
279 4.2 3.6 5.4





#85  
Di-n-octyl phthalate  
Concen: 54.662 ng  
RT: 22.457 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

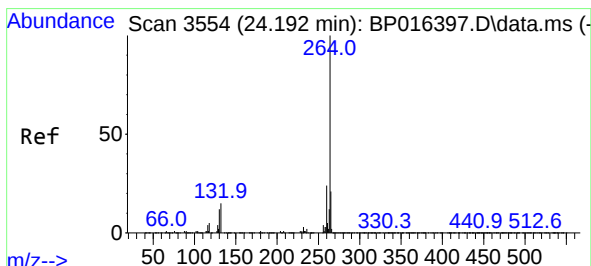
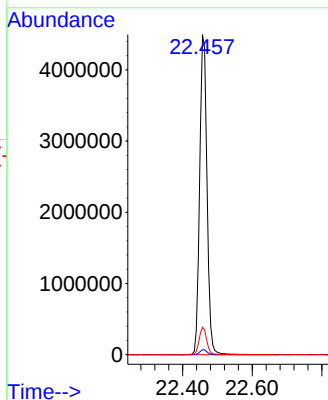
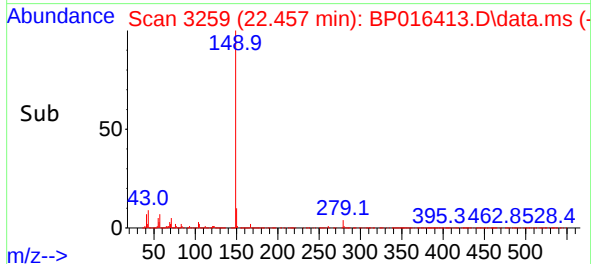
Instrument :  
BNA\_P  
ClientSampleId :  
PB154218BS



Tgt Ion:149 Resp: 654531  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.3 1.9  
43 8.8 6.6 9.8

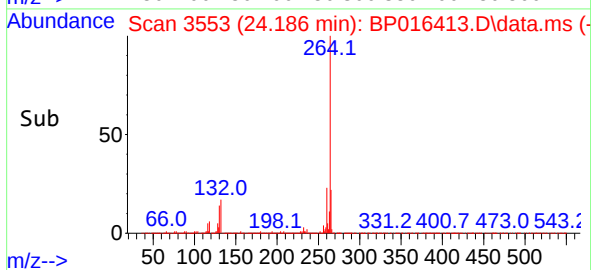
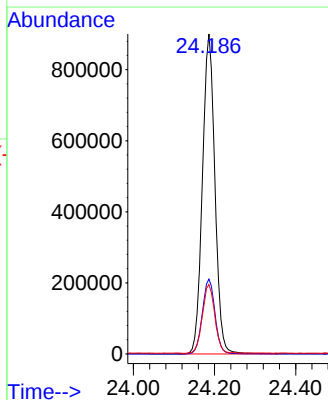
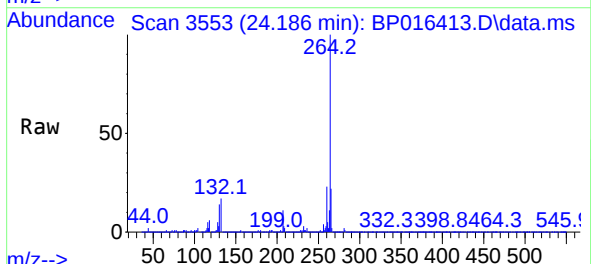
Manual Integrations  
APPROVED

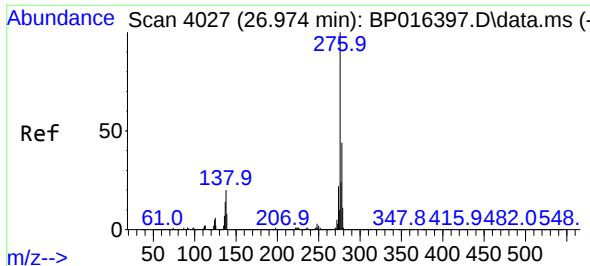
Reviewed By :Yogesh Patel 07/29/2023  
Supervised By :mohammad ahmed 07/29/2023



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.186 min Scan# 3553  
Delta R.T. -0.006 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

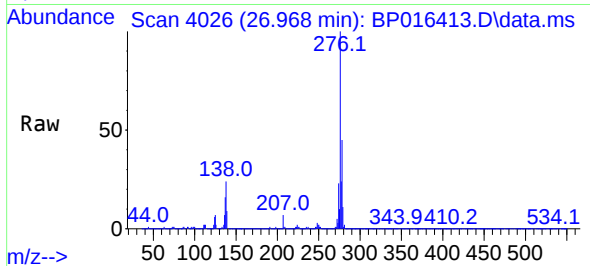
Tgt Ion:264 Resp: 1921990  
Ion Ratio Lower Upper  
264 100  
260 23.4 19.3 28.9  
265 21.7 17.4 26.0





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 49.325 ng  
RT: 26.968 min Scan# 4027  
Delta R.T. -0.006 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

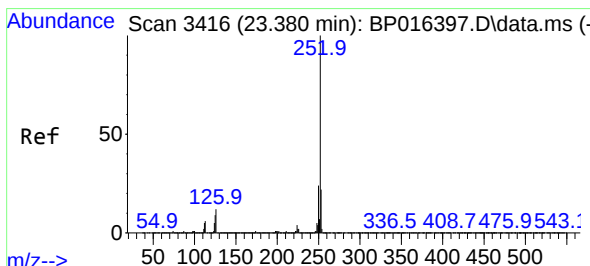
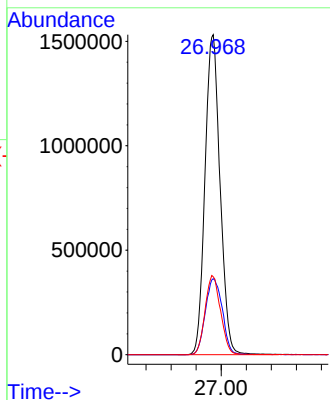
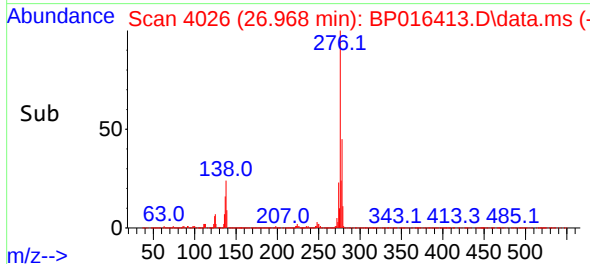
Instrument :  
BNA\_P  
ClientSampleId :  
PB154218BS



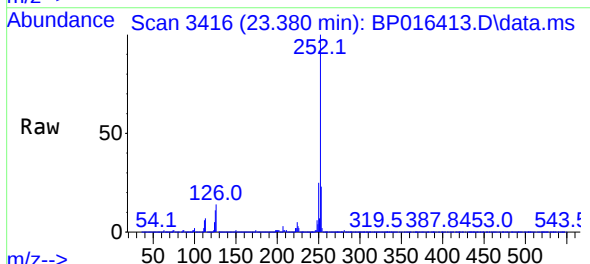
Tgt Ion:276 Resp: 6391410  
Ion Ratio Lower Upper  
276 100  
138 26.7 18.4 27.6  
277 25.4 20.4 30.6

Manual Integrations  
APPROVED

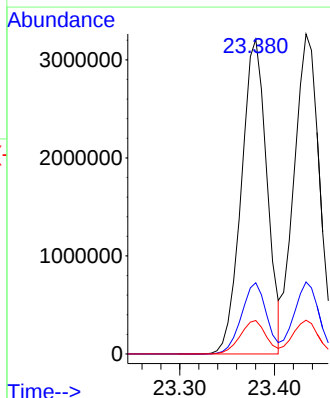
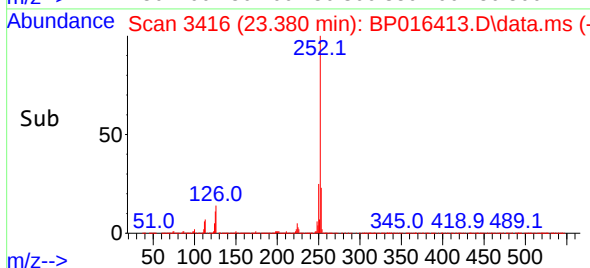
Reviewed By :Yogesh Patel 07/29/2023  
Supervised By :mohammad ahmed 07/29/2023

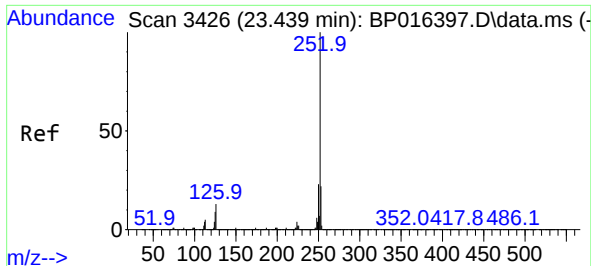


#88  
Benzo(b)fluoranthene  
Concen: 54.048 ng  
RT: 23.380 min Scan# 3416  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12



Tgt Ion:252 Resp: 6021553  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.8 26.8  
125 10.6 7.4 11.2





#89  
Benzo(k)fluoranthene  
Concen: 53.863 ng  
RT: 23.433 min Scan# 3425  
Delta R.T. -0.006 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

Instrument :

BNA\_P

ClientSampleId :

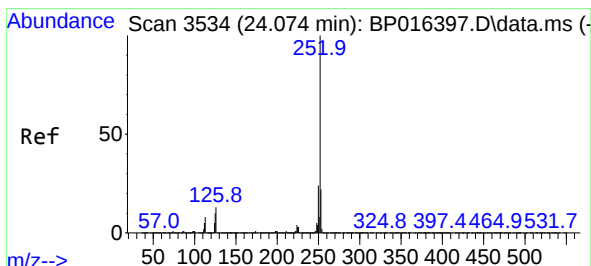
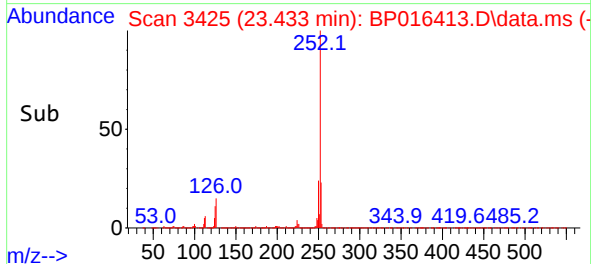
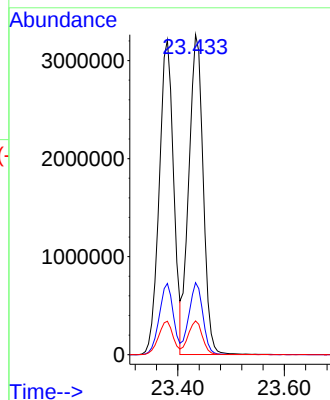
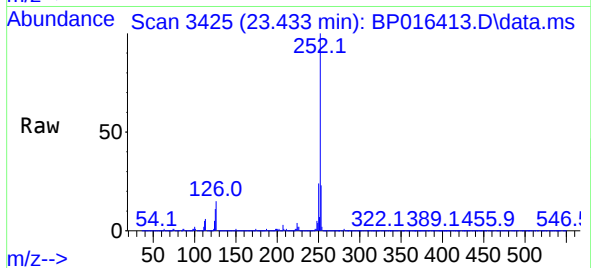
PB154218BS

Tgt Ion:252 Resp: 610308  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.8 26.8  
125 10.5 7.1 10.7

Manual Integrations

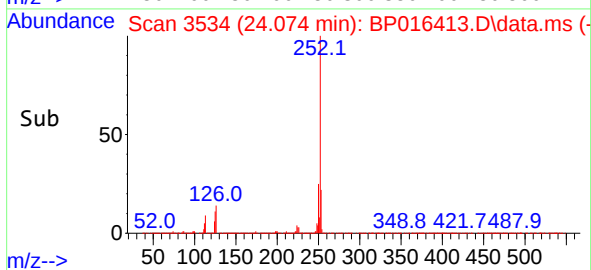
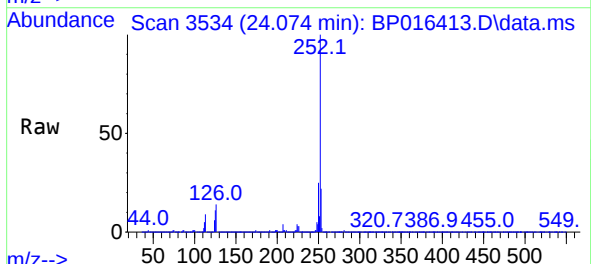
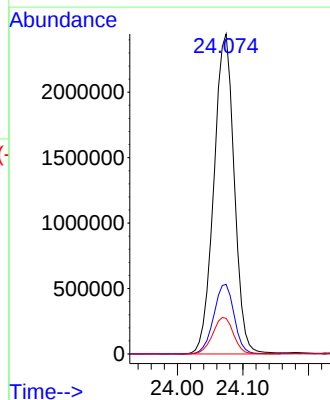
APPROVED

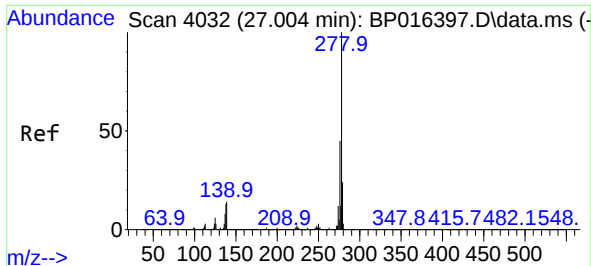
Reviewed By :Yogesh Patel 07/29/2023  
Supervised By :mohammad ahmed 07/29/2023



#90  
Benzo(a)pyrene  
Concen: 48.742 ng  
RT: 24.074 min Scan# 3534  
Delta R.T. -0.000 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

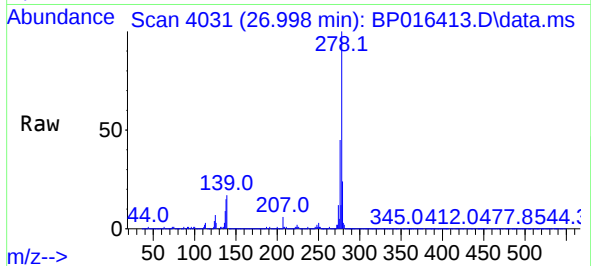
Tgt Ion:252 Resp: 5259975  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.8 26.6  
125 11.2 8.3 12.5





#91  
Dibenzo(a,h)anthracene  
Concen: 49.842 ng  
RT: 26.998 min Scan# 4031  
Delta R.T. -0.006 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12

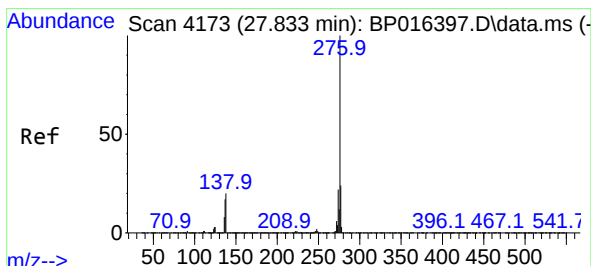
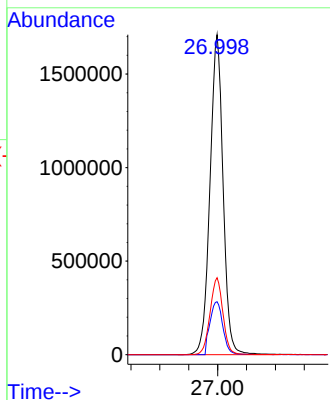
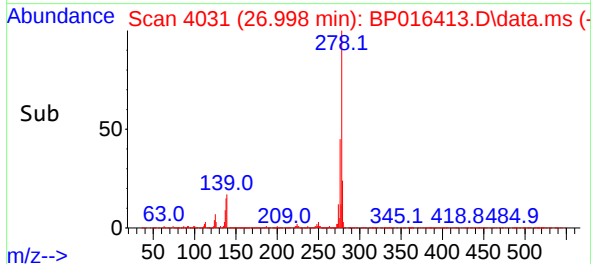
Instrument :  
BNA\_P  
ClientSampleId :  
PB154218BS



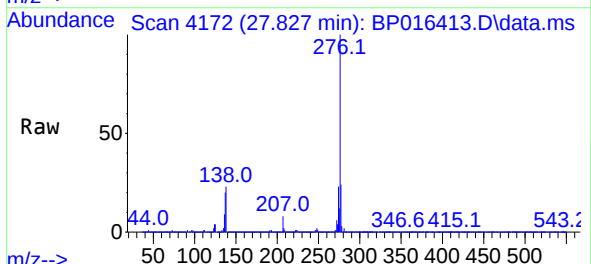
Tgt Ion:278 Resp: 5385970  
Ion Ratio Lower Upper  
278 100  
139 16.5 11.6 17.4  
279 24.0 19.0 28.6

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 07/29/2023  
Supervised By :mohammad ahmed 07/29/2023



#92  
Benzo(g,h,i)perylene  
Concen: 48.277 ng  
RT: 27.827 min Scan# 4172  
Delta R.T. -0.006 min  
Lab File: BP016413.D  
Acq: 28 Jul 2023 09:12



Tgt Ion:276 Resp: 5027325  
Ion Ratio Lower Upper  
276 100  
277 24.2 19.2 28.8  
138 23.1 16.1 24.1

