

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042724\  
 Data File : BN031299.D  
 Acq On : 28 Apr 2024 10:33  
 Operator : MA/JU  
 Sample : P2204-06MSD 10X  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 E1CX4MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/29/2024  
 Supervised By :mohammad ahmed 04/29/2024

Quant Time: Apr 28 22:20:36 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN041924.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Apr 26 22:57:25 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.616  | 152  | 207811   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.399 | 136  | 1020708  | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.263 | 164  | 721278   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.016 | 188  | 1560725  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.257 | 240  | 1391003  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.151 | 264  | 1546813  | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.134  | 96   | 17327    | 3.895  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.546  | 84   | 158751   | 12.393 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.793  | 99   | 147441   | 8.411  | ng/ul  | -0.01    |
| 9) Bis-(2-Chloroethyl)eth...  | 6.963  | 67   | 371411   | 36.416 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.152  | 132  | 391817   | 28.706 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.328  | 113  | 275696   | 18.701 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.775  | 128  | 269629   | 36.766 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.493  | 143  | 285973   | 37.513 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.022 | 165  | 481903   | 32.056 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.546 | 131  | 708196   | 30.145 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.687 | 166  | 1889046  | 37.636 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 13.957 | 160  | 2037552  | 35.824 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.487 | 143  | 92897    | 8.868  | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.263 | 176  | 1529452  | 35.004 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.398 | 200  | 328949   | 41.776 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.116 | 188  | 2493288  | 36.857 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.422 | 212  | 2979167  | 43.585 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.957 | 264  | 2894946  | 39.467 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.170  | 88   | 23375    | 4.959  | ng/uL# | 42       |
| 5) Pyridine                   | 3.564  | 79   | 166299   | 12.865 | ng/ul  | 94       |
| 6) Benzaldehyde               | 6.769  | 77   | 351031   | 40.781 | ng/ul  | 98       |
| 8) Phenol                     | 6.822  | 94   | 159949   | 8.850  | ng/ul  | 98       |
| 10) Bis(2-Chloroethyl)ether   | 7.052  | 93   | 492505   | 34.537 | ng/ul  | 99       |
| 12) 2-Chlorophenol            | 7.181  | 128  | 396486   | 27.946 | ng/ul  | 98       |
| 13) 2-Methylphenol            | 8.063  | 108  | 304054   | 21.709 | ng/ul  | 98       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.140  | 45   | 652820   | 35.113 | ng/ul  | 99       |
| 16) Acetophenone              | 8.440  | 105  | 817962   | 35.809 | ng/ul  | 99       |
| 17) N-Nitroso-di-n-propyla... | 8.428  | 70   | 405385   | 35.605 | ng/ul  | 99       |
| 18) 4-Methylphenol            | 8.393  | 108  | 303804   | 19.364 | ng/ul  | 100      |
| 19) Hexachloroethane          | 8.681  | 117  | 175549   | 29.818 | ng/ul  | 97       |
| 22) Nitrobenzene              | 8.816  | 77   | 591168   | 34.154 | ng/ul  | 100      |
| 23) Isophorone                | 9.340  | 82   | 1219288  | 34.518 | ng/ul  | 99       |
| 25) 2-Nitrophenol             | 9.522  | 139  | 303560   | 35.991 | ng/ul  | 95       |
| 26) 2,4-Dimethylphenol        | 9.587  | 107  | 422399   | 24.557 | ng/ul  | 99       |
| 27) Bis(2-Chloroethoxy)met... | 9.822  | 93   | 724045   | 33.747 | ng/ul  | 99       |
| 29) 2,4-Dichlorophenol        | 10.046 | 162  | 474091   | 31.574 | ng/ul  | 99       |
| 30) Naphthalene               | 10.446 | 128  | 1703679  | 32.206 | ng/ul  | 100      |
| 32) 4-Chloroaniline           | 10.569 | 127  | 638601   | 27.976 | ng/ul  | 99       |
| 33) Hexachlorobutadiene       | 10.722 | 225  | 281153   | 30.715 | ng/ul  | 98       |
| 34) Caprolactam               | 11.357 | 113  | 33893    | 5.729  | ng/ul  | 93       |
| 35) 4-Chloro-3-methylphenol   | 11.693 | 107  | 541626   | 31.111 | ng/ul  | 96       |
| 36) 2-Methylnaphthalene       | 12.063 | 142  | 1251634  | 33.552 | ng/ul  | 96       |

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 Quant Title : SVOA CALIBRATION  
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 Response via : Initial Calibration

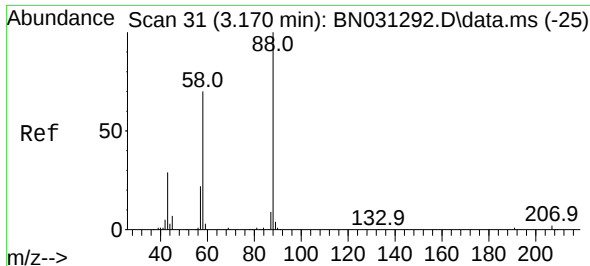
Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/29/2024  
 Supervised By :mohammad ahmed 04/29/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.287 | 142  | 1259710  | 33.373 | ng/ul  | 96       |
| 39) 1,2,4,5-Tetrachloroben... | 12.440 | 216  | 634425   | 33.614 | ng/ul  | 97       |
| 40) Hexachlorocyclopentadiene | 12.410 | 237  | 242293   | 23.370 | ng/ul  | 97       |
| 41) 2,4,6-Trichlorophenol     | 12.687 | 196  | 447962   | 35.658 | ng/ul  | 92       |
| 42) 2,4,5-Trichlorophenol     | 12.757 | 196  | 503957   | 36.182 | ng/ul  | 99       |
| 43) 1,1'-Biphenyl             | 13.093 | 154  | 1680738  | 33.882 | ng/ul  | 99       |
| 44) 2-Chloronaphthalene       | 13.134 | 162  | 1297608  | 32.735 | ng/ul  | 98       |
| 45) 2-Nitroaniline            | 13.351 | 65   | 446995   | 40.847 | ng/ul  | 98       |
| 47) Dimethylphthalate         | 13.734 | 163  | 1894590  | 36.589 | ng/ul  | 100      |
| 48) 2,6-Dinitrotoluene        | 13.857 | 165  | 402124   | 41.371 | ng/ul  | 99       |
| 50) Acenaphthylene            | 13.987 | 152  | 2208571  | 33.242 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.187 | 138  | 421110   | 37.738 | ng/ul# | 92       |
| 52) Acenaphthene              | 14.334 | 153  | 1449923  | 32.921 | ng/ul  | 97       |
| 53) 2,4-Dinitrophenol         | 14.392 | 184  | 224022   | 40.755 | ng/ul  | 97       |
| 55) 4-Nitrophenol             | 14.498 | 109  | 76782    | 9.031  | ng/ul  | 97       |
| 56) Dibenzofuran              | 14.669 | 168  | 2060777  | 33.842 | ng/ul  | 98       |
| 57) 2,4-Dinitrotoluene        | 14.645 | 165  | 590199   | 39.962 | ng/ul  | 99       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.892 | 232  | 439369   | 36.500 | ng/ul  | 99       |
| 59) Diethylphthalate          | 15.104 | 149  | 1930998  | 36.262 | ng/ul  | 98       |
| 61) Fluorene                  | 15.322 | 166  | 1657183  | 33.069 | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.316 | 204  | 762885   | 31.961 | ng/ul  | 93       |
| 63) 4-Nitroaniline            | 15.357 | 138  | 463037m  | 38.487 | ng/ul  |          |
| 66) 4,6-Dinitro-2-methylph... | 15.410 | 198  | 345467   | 40.859 | ng/ul  | 99       |
| 67) N-Nitrosodiphenylamine    | 15.539 | 169  | 1513377  | 36.177 | ng/ul  | 98       |
| 68) 4-Bromophenyl-phenylether | 16.210 | 248  | 541400   | 36.680 | ng/ul  | 96       |
| 69) Hexachlorobenzene         | 16.316 | 284  | 638633   | 37.532 | ng/ul  | 100      |
| 70) Atrazine                  | 16.498 | 200  | 543515   | 37.007 | ng/ul  | 96       |
| 71) Pentachlorophenol         | 16.669 | 266  | 396761   | 35.889 | ng/ul# | 87       |
| 72) Phenanthrene              | 17.063 | 178  | 2875004  | 34.827 | ng/ul  | 99       |
| 74) Anthracene                | 17.151 | 178  | 2828059  | 33.853 | ng/ul  | 98       |
| 75) 1,2,3,4-Tetrachloroben... | 13.051 | 216  | 660900   | 36.102 | ng/uL  | 97       |
| 76) Pentachlorobenzene        | 14.581 | 250  | 678940   | 35.915 | ng/uL  | 96       |
| 77) Carbazole                 | 17.428 | 167  | 2751492  | 36.057 | ng/ul  | 97       |
| 78) Di-n-butylphthalate       | 17.992 | 149  | 3544933  | 38.112 | ng/ul  | 98       |
| 80) Fluoranthene              | 19.086 | 202  | 3459682  | 42.766 | ng/ul  | 98       |
| 82) Pyrene                    | 19.451 | 202  | 3572511  | 42.030 | ng/ul  | 99       |
| 83) Butylbenzylphthalate      | 20.363 | 149  | 1699217  | 45.306 | ng/ul  | 99       |
| 84) 3,3'-Dichlorobenzidine    | 21.174 | 252  | 1019966  | 35.191 | ng/ul  | 97       |
| 85) Benzo(a)anthracene        | 21.239 | 228  | 3588079  | 37.986 | ng/ul  | 97       |
| 86) Bis(2-ethylhexyl)phtha... | 21.169 | 149  | 2303369  | 40.903 | ng/ul  | 96       |
| 87) Chrysene                  | 21.298 | 228  | 3366464  | 37.546 | ng/ul  | 98       |
| 89) Di-n-octyl phthalate      | 22.263 | 149  | 4322613  | 48.482 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.233 | 252  | 3632610  | 41.738 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 23.298 | 252  | 3436771  | 39.262 | ng/ul  | 98       |
| 93) Benzo(a)pyrene            | 24.015 | 252  | 2937761  | 33.836 | ng/ul  | 98       |
| 94) Indeno(1,2,3-cd)pyrene    | 27.398 | 276  | 3722804  | 34.553 | ng/ul  | 99       |
| 95) Dibenzo(a,h)anthracene    | 27.456 | 278  | 2983474  | 33.738 | ng/ul  | 96       |
| 96) Benzo(g,h,i)perylene      | 28.415 | 276  | 2872921  | 33.112 | ng/ul  | 98       |

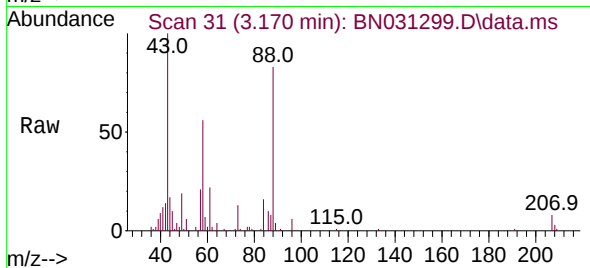
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#2  
1,4-Dioxane  
Concen: 4.959 ng/uL  
RT: 3.170 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33

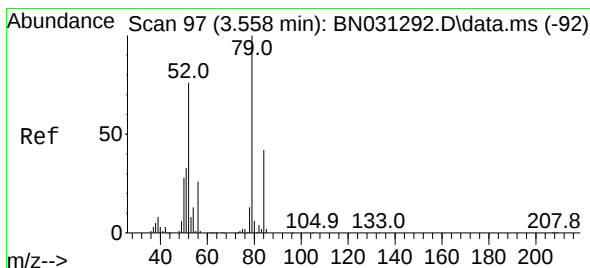
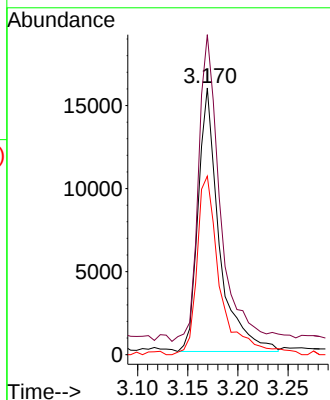
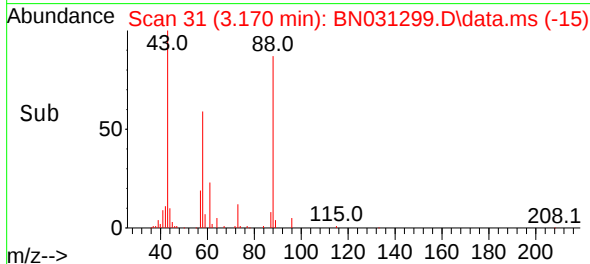
Instrument :  
BNA\_N  
ClientSampleId :  
E1CX4MSD



Tgt Ion: 88 Resp: 23379  
Ion Ratio Lower Upper  
88 100  
43 120.0 22.2 33.2  
58 67.0 50.2 75.2

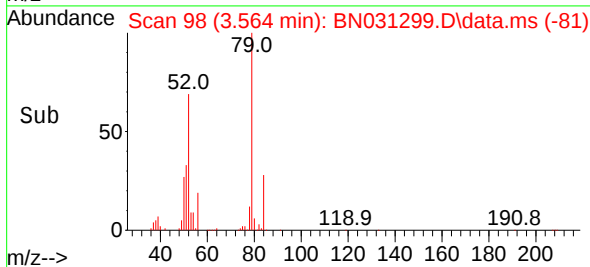
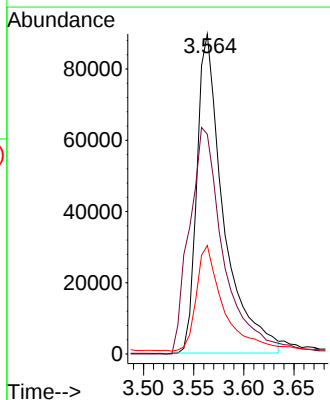
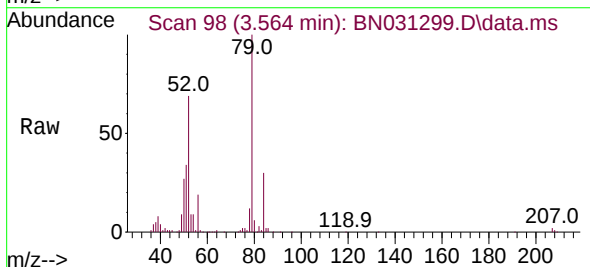
Manual Integrations  
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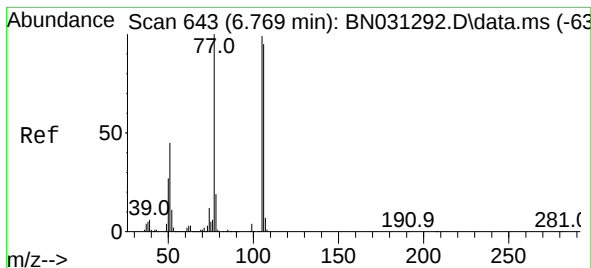
Reviewed By :Yogesh Patel 04/29/2024  
Supervised By :mohammad ahmed 04/29/2024



#5  
Pyridine  
Concen: 12.865 ng/uL  
RT: 3.564 min Scan# 98  
Delta R.T. 0.000 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33

Tgt Ion: 79 Resp: 166299  
Ion Ratio Lower Upper  
79 100  
52 68.7 59.9 89.9  
51 33.9 29.0 43.6





#6

Benzaldehyde

Concen: 40.781 ng/ul

RT: 6.769 min Scan# 643

Delta R.T. -0.006 min

Lab File: BN031299.D

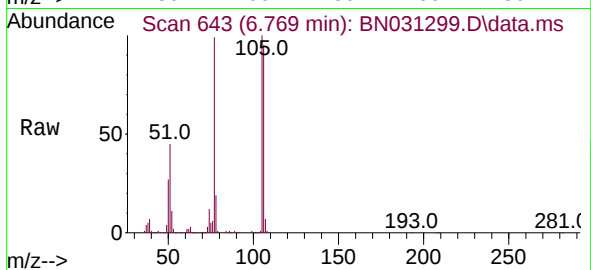
Acq: 28 Apr 2024 10:33

Instrument :

BNA\_N

ClientSampleId :

E1CX4MSD



Tgt Ion: 77 Resp: 35103

Ion Ratio Lower Upper

77 100

105 101.4 80.0 120.0

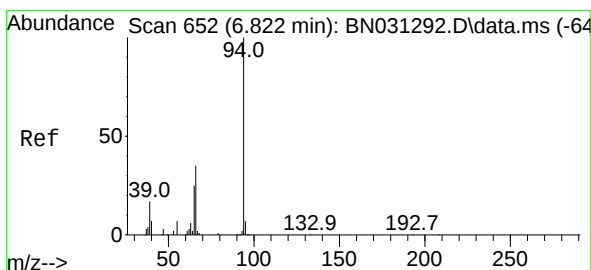
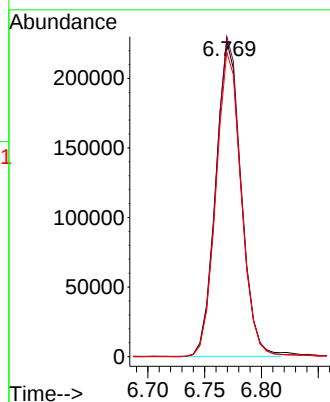
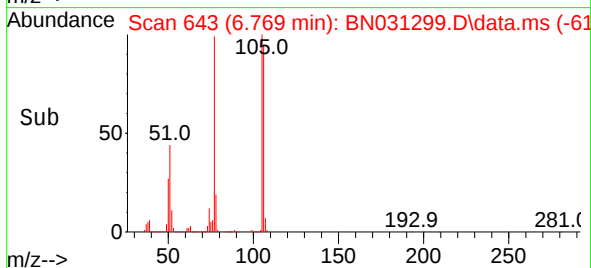
106 96.5 75.0 112.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/29/2024

Supervised By :mohammad ahmed 04/29/2024



#8

Phenol

Concen: 8.850 ng/ul

RT: 6.822 min Scan# 652

Delta R.T. -0.006 min

Lab File: BN031299.D

Acq: 28 Apr 2024 10:33

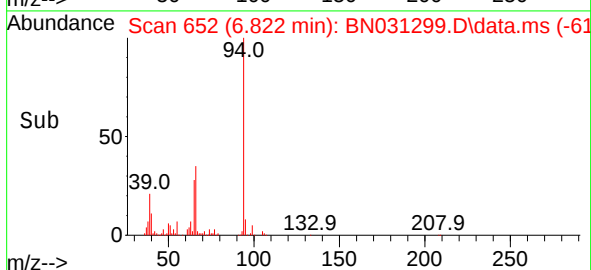
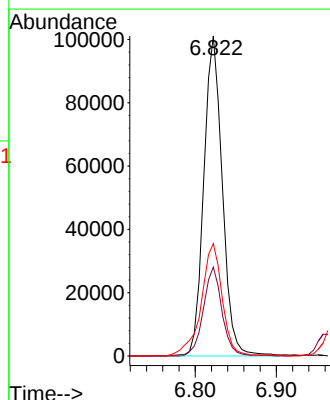
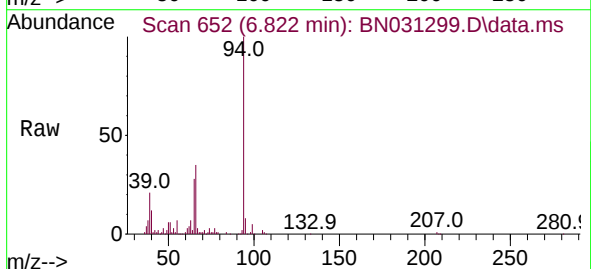
Tgt Ion: 94 Resp: 159949

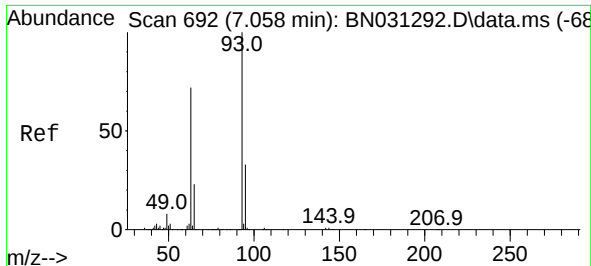
Ion Ratio Lower Upper

94 100

65 27.8 22.0 33.0

66 35.1 29.8 44.6





#10

Bis(2-Chloroethyl)ether

Concen: 34.537 ng/ul

RT: 7.052 min Scan# 692

Delta R.T. -0.006 min

Lab File: BN031299.D

Acq: 28 Apr 2024 10:33

Instrument :

BNA\_N

ClientSampleId :

E1CX4MSD

Tgt Ion: 93 Resp: 492509

Ion Ratio Lower Upper

93 100

63 71.5 57.1 85.7

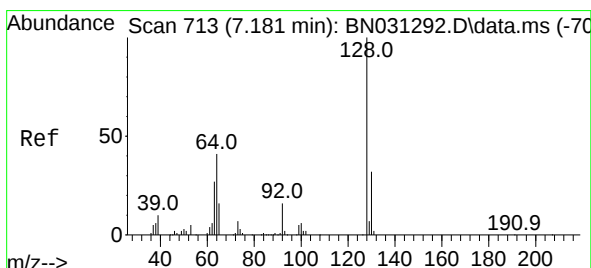
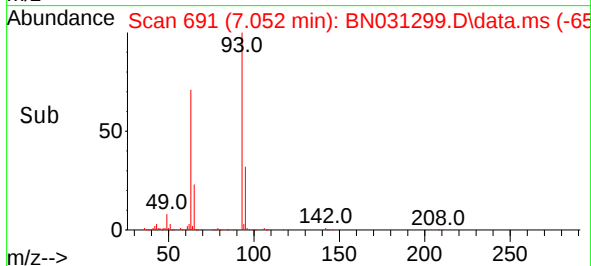
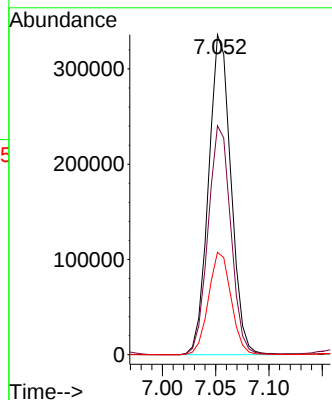
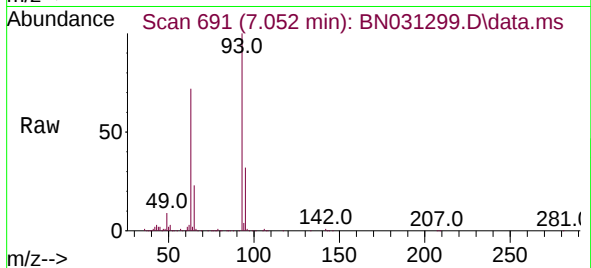
95 32.0 24.9 37.3

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 04/29/2024



#12

2-Chlorophenol

Concen: 27.946 ng/ul

RT: 7.181 min Scan# 713

Delta R.T. -0.006 min

Lab File: BN031299.D

Acq: 28 Apr 2024 10:33

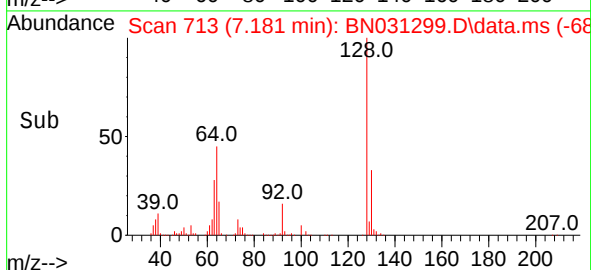
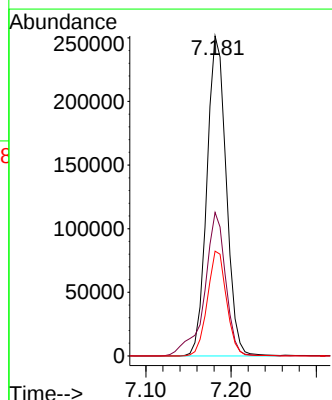
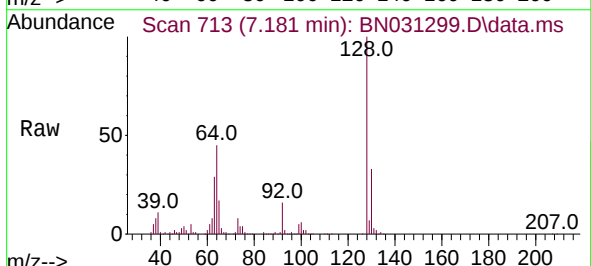
Tgt Ion:128 Resp: 396486

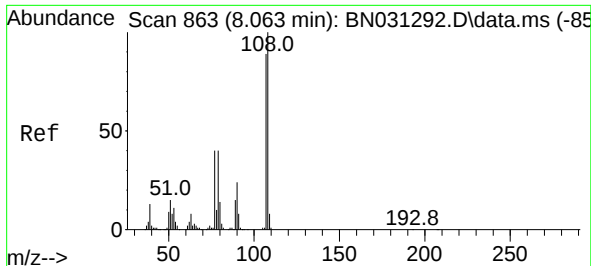
Ion Ratio Lower Upper

128 100

64 44.8 34.9 52.3

130 32.8 27.0 40.4





#13

2-Methylphenol

Concen: 21.709 ng/ul

RT: 8.063 min Scan# 80

Delta R.T. -0.006 min

Lab File: BN031299.D

Acq: 28 Apr 2024 10:33

Instrument :

BNA\_N

ClientSampleId :

E1CX4MSD

Tgt Ion:108 Resp: 304054

Ion Ratio Lower Upper

108 100

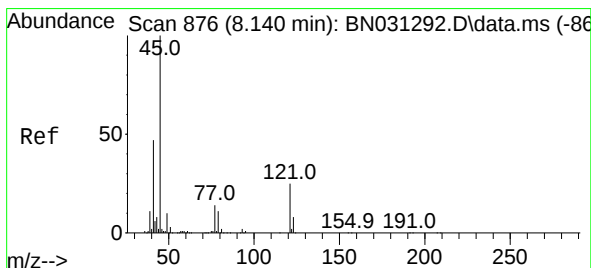
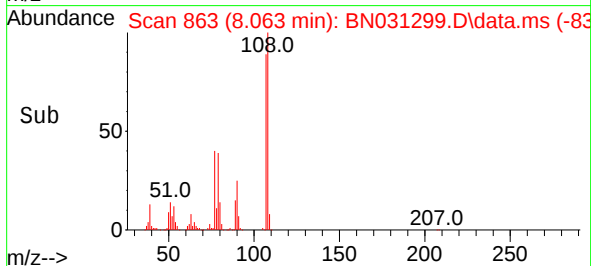
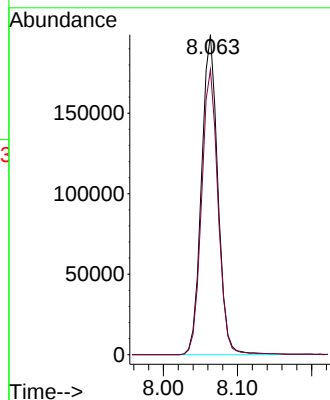
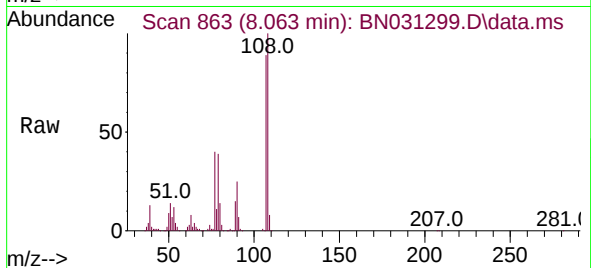
107 89.1 70.1 105.1

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 04/29/2024



#14

2,2'-oxybis(1-Chloropropane)

Concen: 35.113 ng/ul

RT: 8.140 min Scan# 876

Delta R.T. -0.006 min

Lab File: BN031299.D

Acq: 28 Apr 2024 10:33

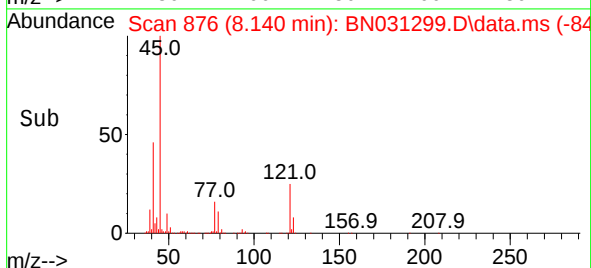
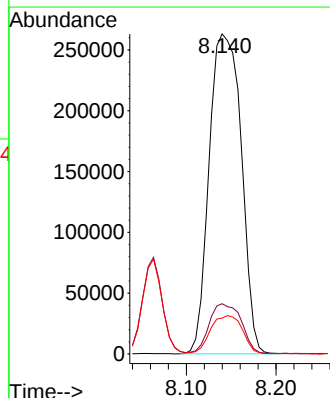
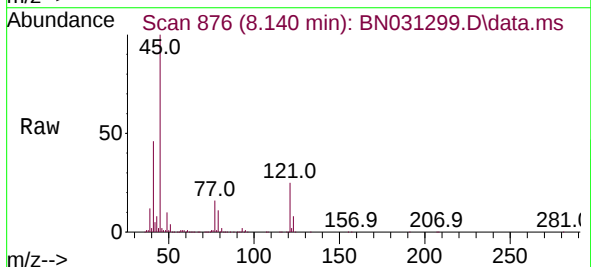
Tgt Ion: 45 Resp: 652820

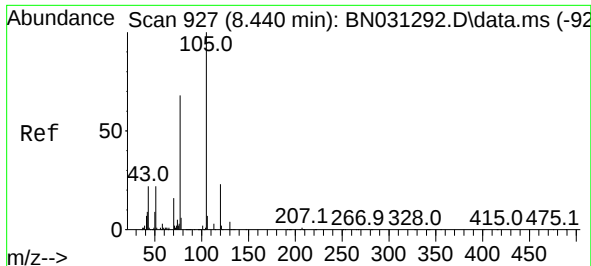
Ion Ratio Lower Upper

45 100

77 15.7 12.5 18.7

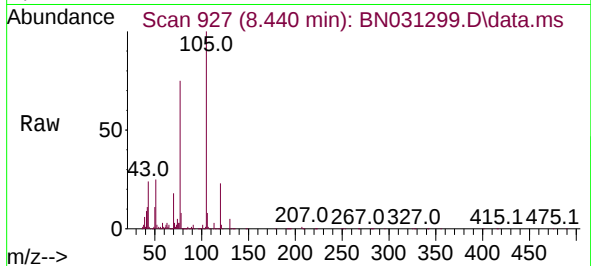
79 11.2 9.6 14.4





#16  
Acetophenone  
Concen: 35.809 ng/ul  
RT: 8.440 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33

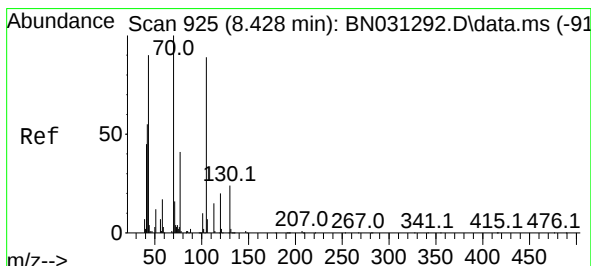
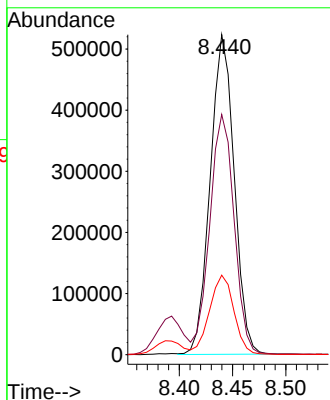
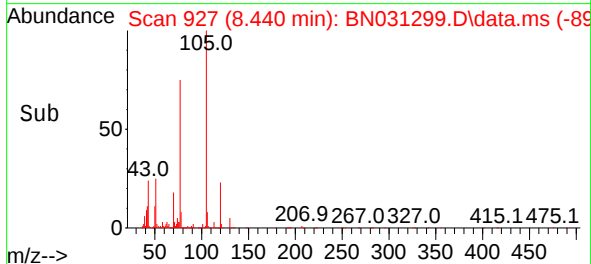
Instrument :  
BNA\_N  
ClientSampleId :  
E1CX4MSD



Tgt Ion:105 Resp: 817962  
Ion Ratio Lower Upper  
105 100  
77 75.1 60.2 90.4  
51 24.9 20.6 31.0

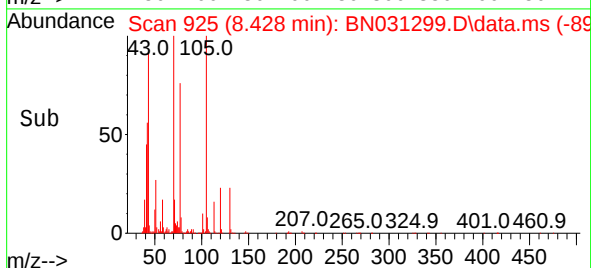
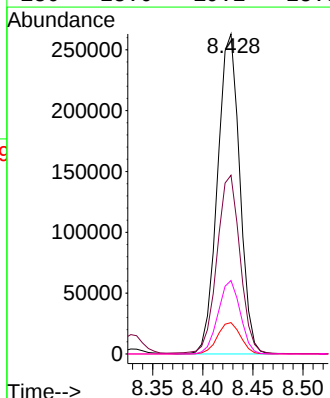
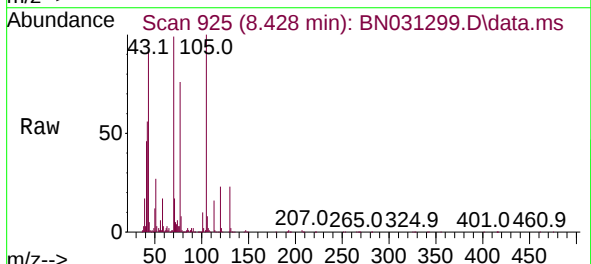
Manual Integrations  
APPROVED

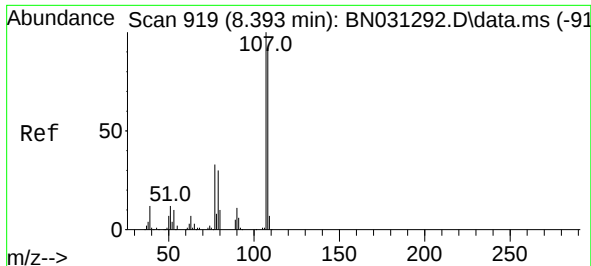
Reviewed By :Yogesh Patel 04/29/2024  
Supervised By :mohammad ahmed 04/29/2024



#17  
N-Nitroso-di-n-propylamine  
Concen: 35.605 ng/ul  
RT: 8.428 min Scan# 925  
Delta R.T. -0.006 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33

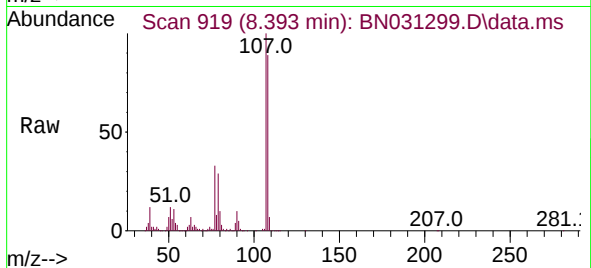
Tgt Ion: 70 Resp: 405385  
Ion Ratio Lower Upper  
70 100  
42 55.9 45.0 67.6  
101 9.8 8.1 12.1  
130 23.0 19.2 28.8





#18  
4-Methylphenol  
Concen: 19.364 ng/ul  
RT: 8.393 min Scan# 919  
Delta R.T. -0.006 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33

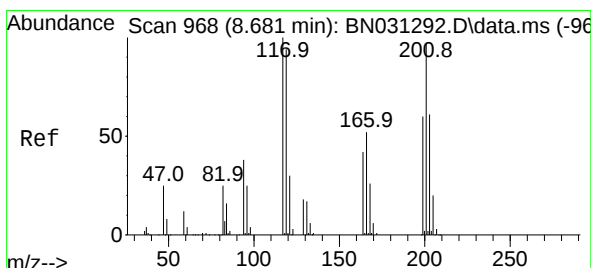
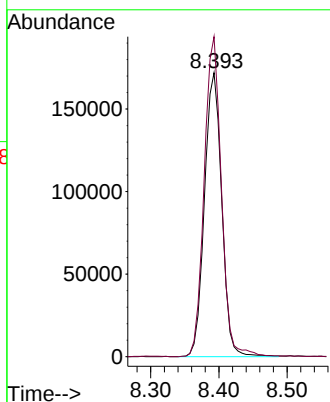
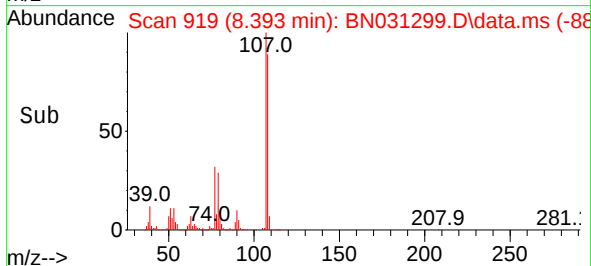
Instrument :  
BNA\_N  
ClientSampleId :  
E1CX4MSD



Tgt Ion:108 Resp: 303804  
Ion Ratio Lower Upper  
108 100  
107 112.6 89.8 134.8

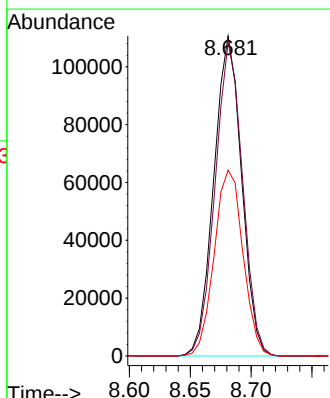
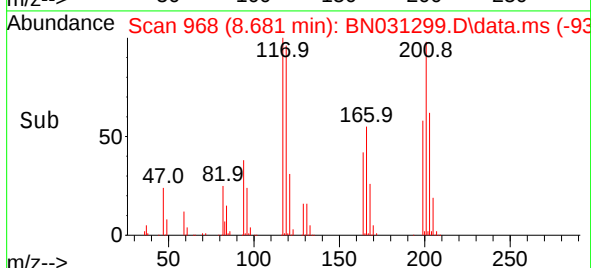
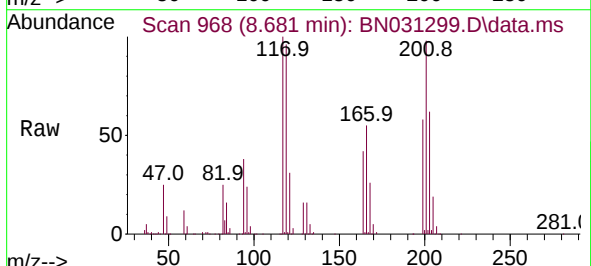
Manual Integrations  
APPROVED

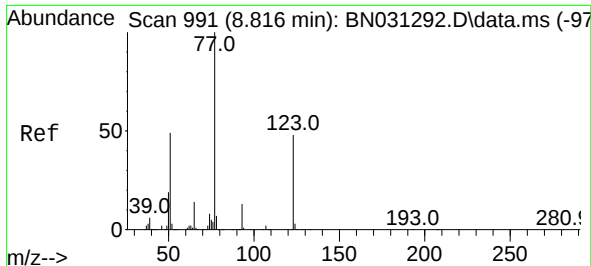
Reviewed By :Yogesh Patel 04/29/2024  
Supervised By :mohammad ahmed 04/29/2024



#19  
Hexachloroethane  
Concen: 29.818 ng/ul  
RT: 8.681 min Scan# 968  
Delta R.T. -0.006 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33

Tgt Ion:117 Resp: 175549  
Ion Ratio Lower Upper  
117 100  
201 98.0 77.4 116.0  
199 58.0 49.6 74.4





#22

Nitrobenzene

Concen: 34.154 ng/ul

RT: 8.816 min Scan# 991

Delta R.T. -0.006 min

Lab File: BN031299.D

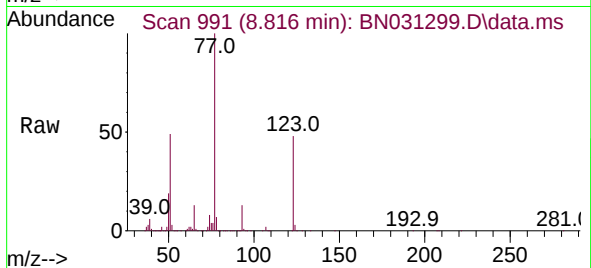
Acq: 28 Apr 2024 10:33

Instrument :

BNA\_N

ClientSampleId :

E1CX4MSD



Tgt Ion: 77 Resp: 591168

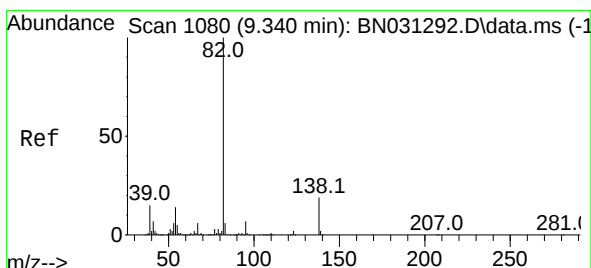
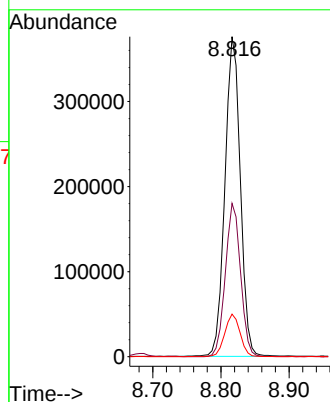
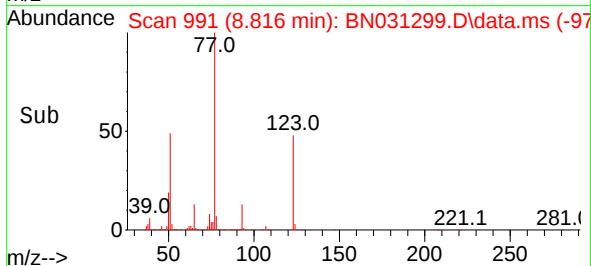
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 47.9  | 38.2  | 57.2  |
| 65  | 13.3  | 10.7  | 16.1  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/29/2024

Supervised By :mohammad ahmed 04/29/2024



#23

Isophorone

Concen: 34.518 ng/ul

RT: 9.340 min Scan# 1080

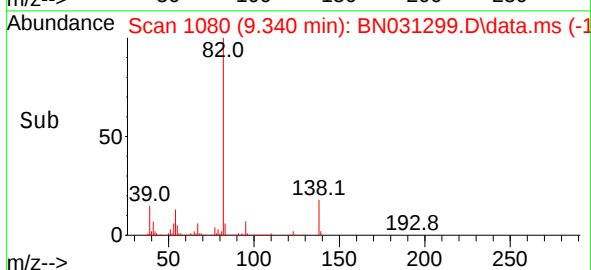
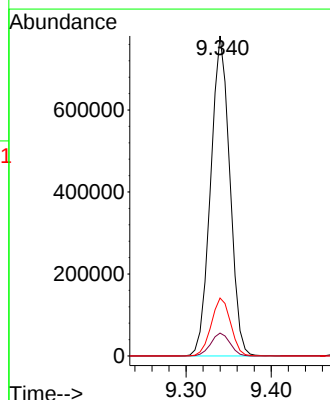
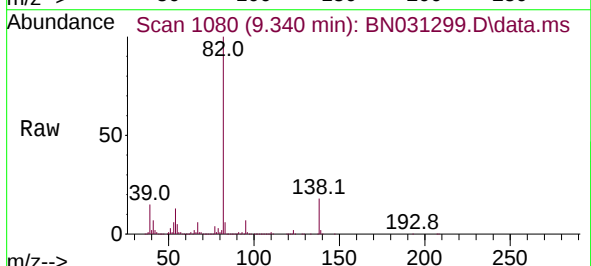
Delta R.T. -0.006 min

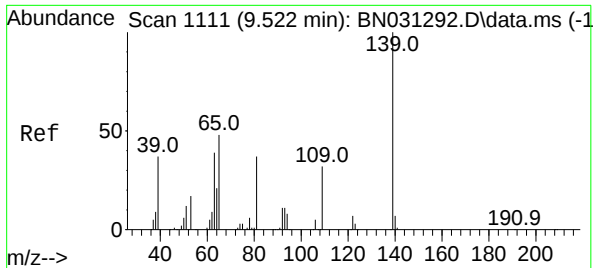
Lab File: BN031299.D

Acq: 28 Apr 2024 10:33

Tgt Ion: 82 Resp: 1219288

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 95  | 7.1   | 5.9   | 8.9   |
| 138 | 18.1  | 14.7  | 22.1  |





#25  
2-Nitrophenol  
Concen: 35.991 ng/ul  
RT: 9.522 min Scan# 1111  
Delta R.T. -0.006 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33

Instrument :

BNA\_N

ClientSampleId :

E1CX4MSD

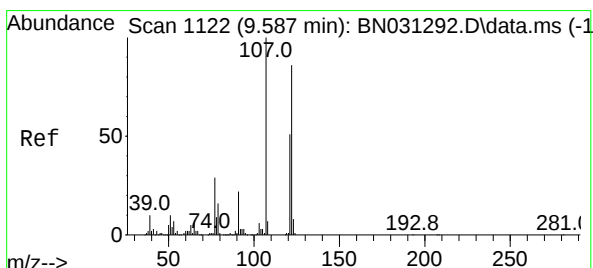
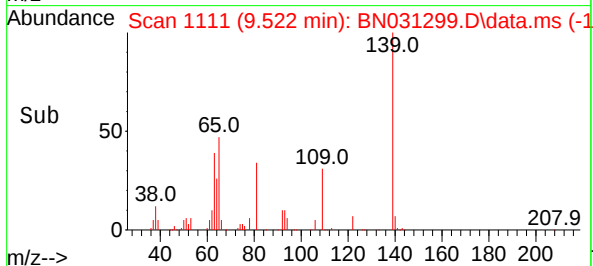
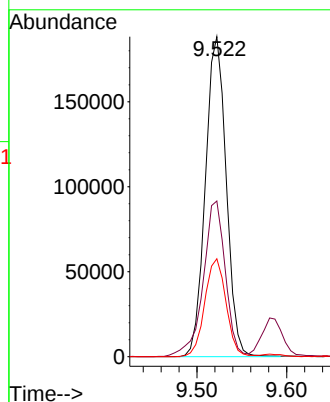
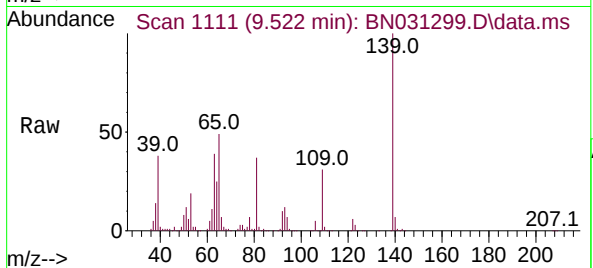
Tgt Ion:139 Resp: 303560  
Ion Ratio Lower Upper  
139 100  
65 48.6 35.2 52.8  
109 30.6 25.4 38.0

Manual Integrations

APPROVED

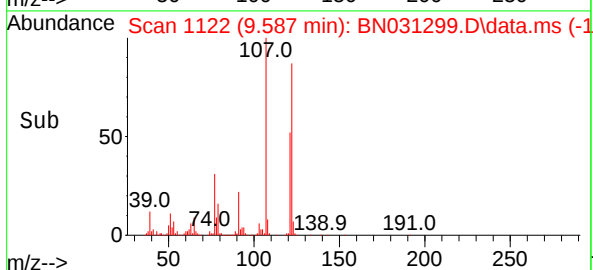
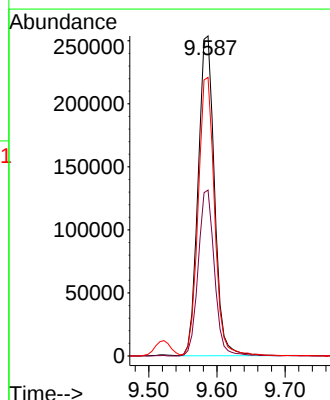
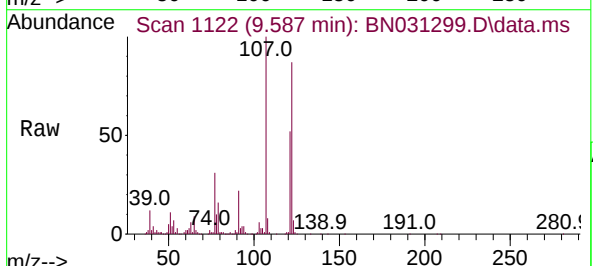
Reviewed By :Yogesh Patel 04/29/2024

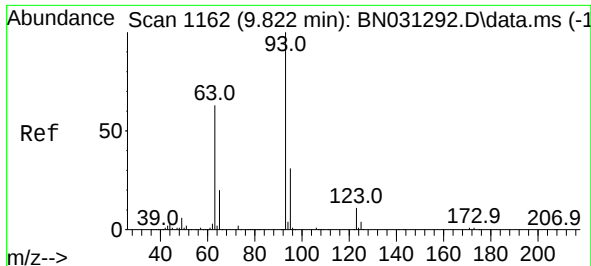
Supervised By :mohammad ahmed 04/29/2024



#26  
2,4-Dimethylphenol  
Concen: 24.557 ng/ul  
RT: 9.587 min Scan# 1122  
Delta R.T. 0.000 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33

Tgt Ion:107 Resp: 422399  
Ion Ratio Lower Upper  
107 100  
121 51.9 40.3 60.5  
122 87.1 69.8 104.8





#27  
Bis(2-Chloroethoxy)methane  
Concen: 33.747 ng/ul  
RT: 9.822 min Scan# 1162  
Delta R.T. -0.006 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33

Instrument :

BNA\_N

ClientSampleId :

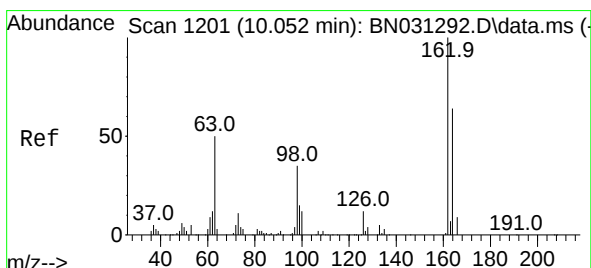
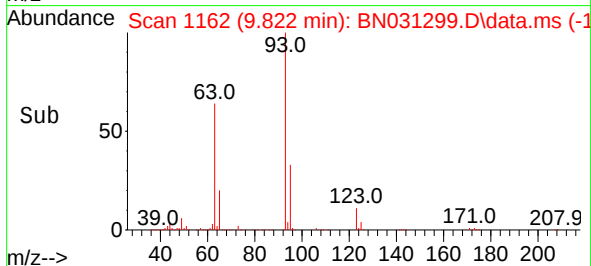
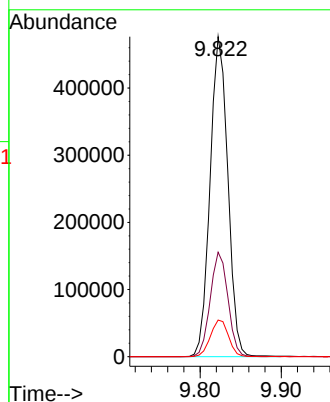
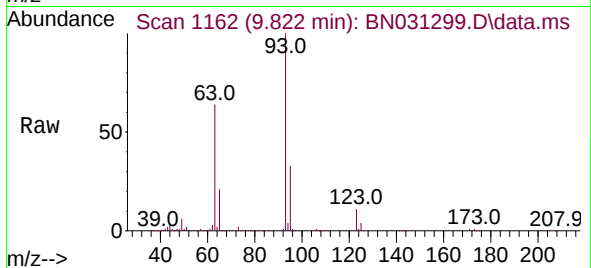
E1CX4MSD

Tgt Ion: 93 Resp: 724044  
Ion Ratio Lower Upper  
93 100  
95 32.7 25.8 38.6  
123 11.5 9.8 14.6

Manual Integrations

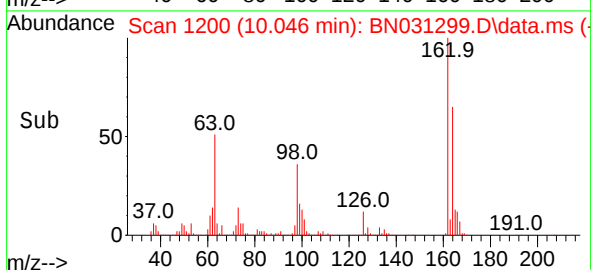
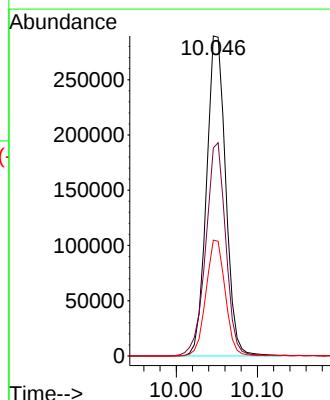
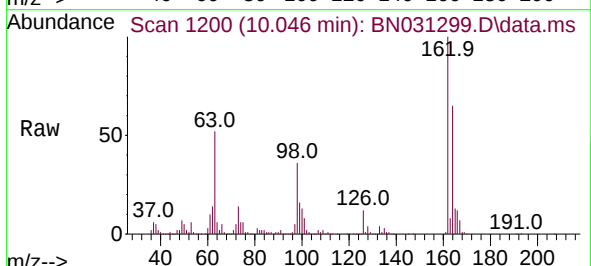
APPROVED

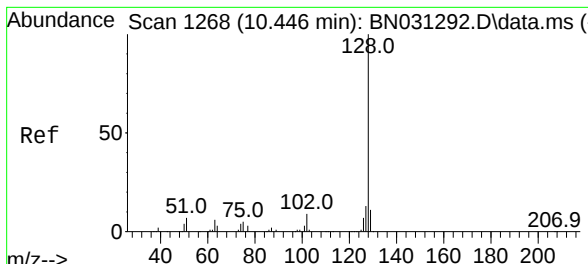
Reviewed By :Yogesh Patel 04/29/2024  
Supervised By :mohammad ahmed 04/29/2024



#29  
2,4-Dichlorophenol  
Concen: 31.574 ng/ul  
RT: 10.046 min Scan# 1200  
Delta R.T. -0.012 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33

Tgt Ion:162 Resp: 474091  
Ion Ratio Lower Upper  
162 100  
164 65.0 51.0 76.6  
98 36.2 28.6 42.8





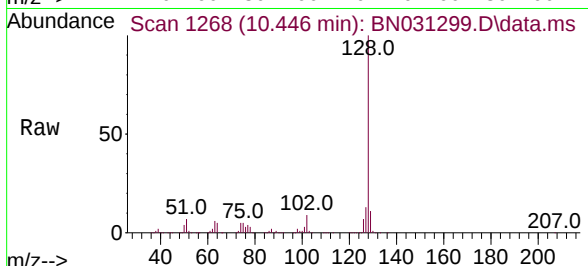
#30  
Naphthalene  
Concen: 32.206 ng/ul  
RT: 10.446 min Scan# 1268  
Delta R.T. -0.006 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33

Instrument :

BNA\_N

ClientSampleId :

E1CX4MSD

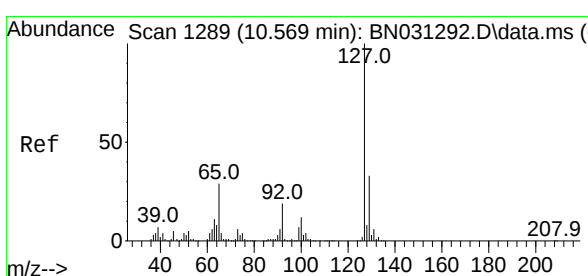
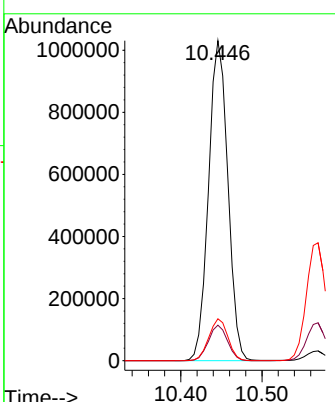
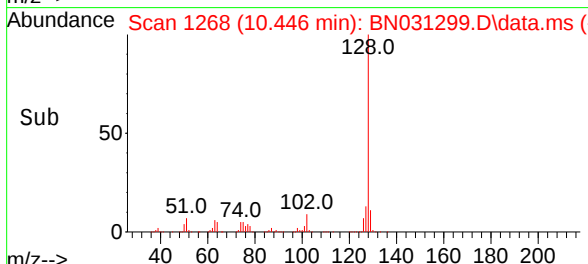


Tgt Ion:128 Resp: 1703679

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 129 | 11.1  | 9.0   | 13.4  |
| 127 | 13.1  | 10.5  | 15.7  |

Manual Integrations  
APPROVED

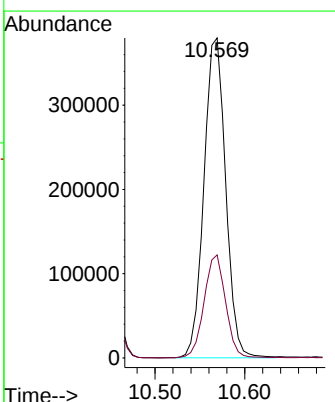
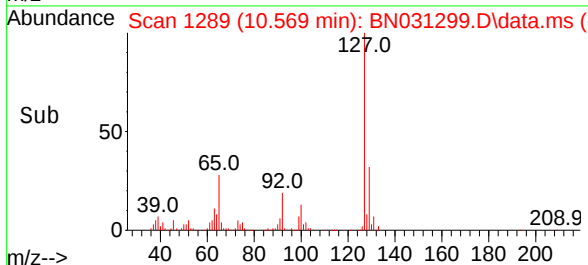
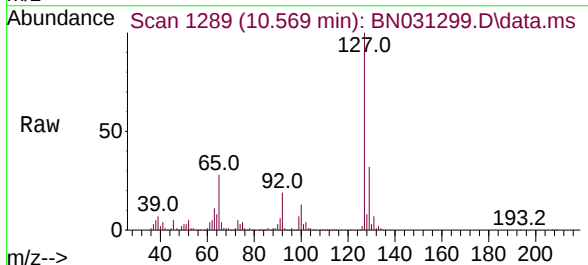
Reviewed By :Yogesh Patel 04/29/2024  
Supervised By :mohammad ahmed 04/29/2024

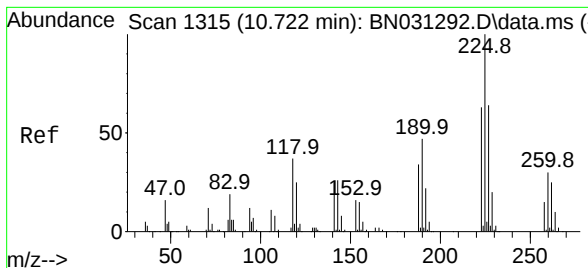


#32  
4-Chloroaniline  
Concen: 27.976 ng/ul  
RT: 10.569 min Scan# 1289  
Delta R.T. 0.000 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33

Tgt Ion:127 Resp: 638601

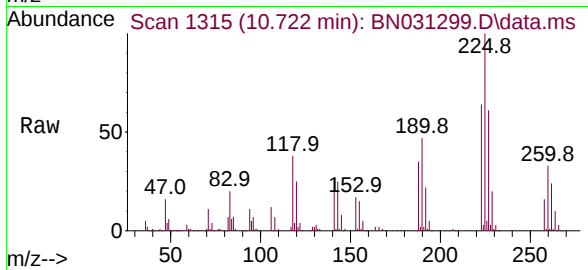
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 32.2  | 25.4  | 38.2  |





#33  
Hexachlorobutadiene  
Concen: 30.715 ng/ul  
RT: 10.722 min Scan# 1315  
Delta R.T. -0.006 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33

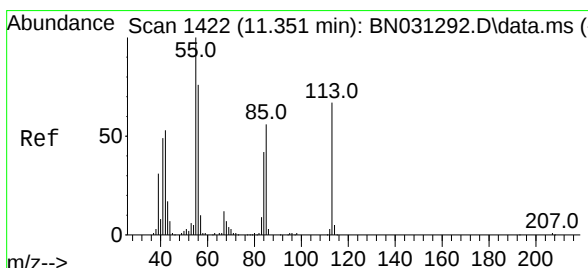
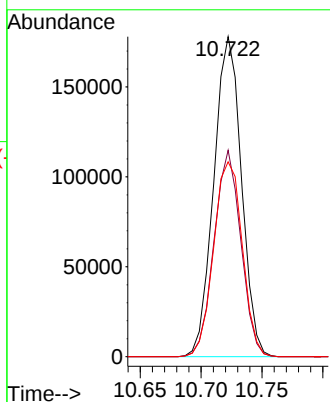
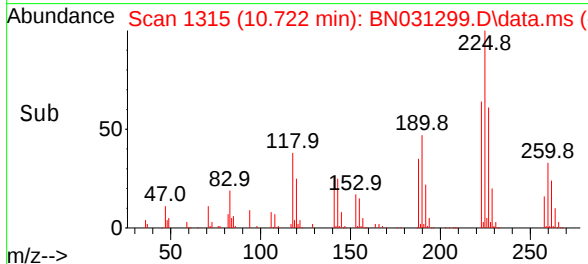
Instrument :  
BNA\_N  
ClientSampleId :  
E1CX4MSD



Tgt Ion:225 Resp: 28115  
Ion Ratio Lower Upper  
225 100  
223 64.5 49.8 74.6  
227 60.9 48.8 73.2

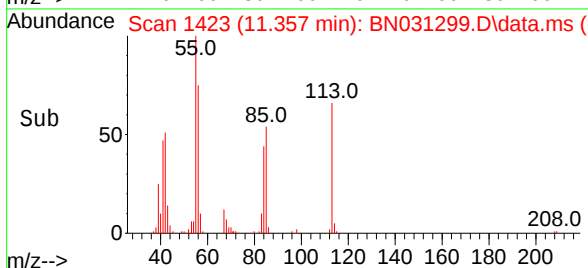
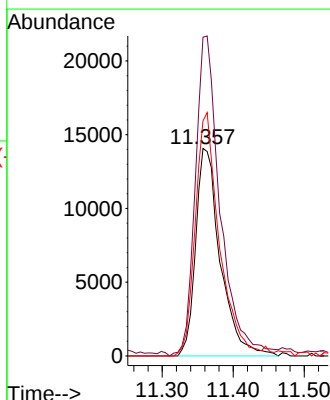
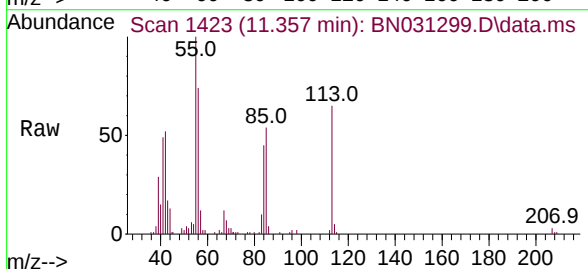
Manual Integrations  
APPROVED

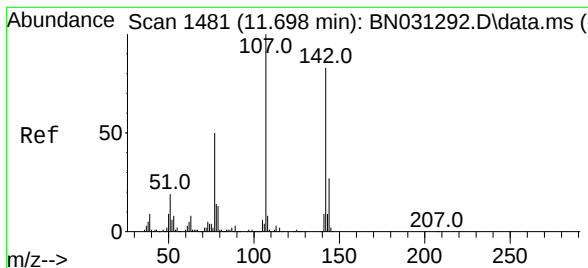
Reviewed By :Yogesh Patel 04/29/2024  
Supervised By :mohammad ahmed 04/29/2024



#34  
Caprolactam  
Concen: 5.729 ng/ul  
RT: 11.357 min Scan# 1423  
Delta R.T. 0.006 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33

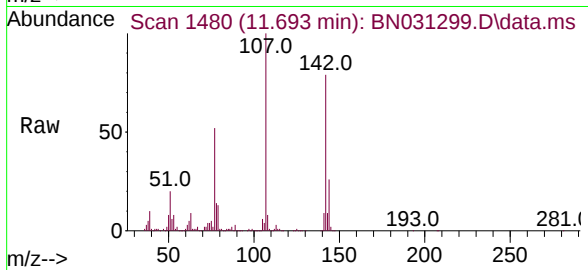
Tgt Ion:113 Resp: 33893  
Ion Ratio Lower Upper  
113 100  
55 153.6 112.4 168.6  
56 113.3 88.0 132.0





#35  
4-Chloro-3-methylphenol  
Concen: 31.111 ng/ul  
RT: 11.693 min Scan# 1480  
Delta R.T. -0.012 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33

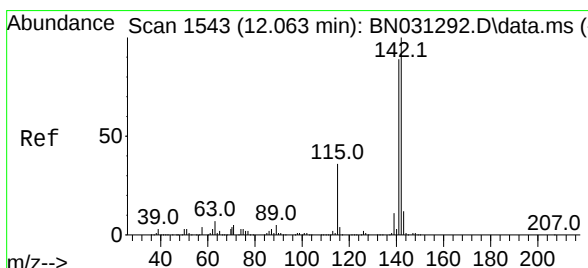
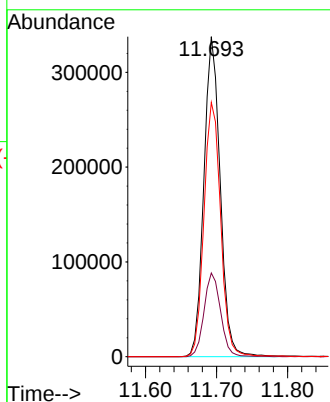
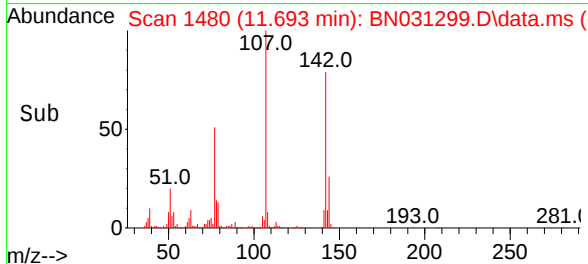
Instrument :  
BNA\_N  
ClientSampleId :  
E1CX4MSD



Tgt Ion:107 Resp: 541620  
Ion Ratio Lower Upper  
107 100  
144 26.2 20.6 31.0  
142 79.5 67.4 101.2

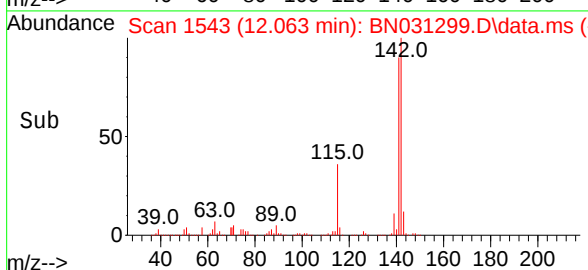
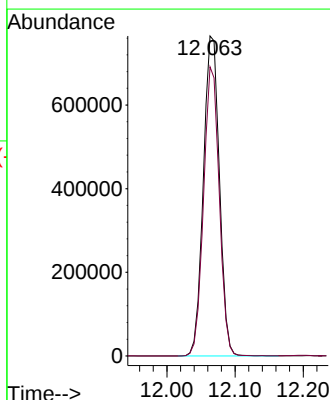
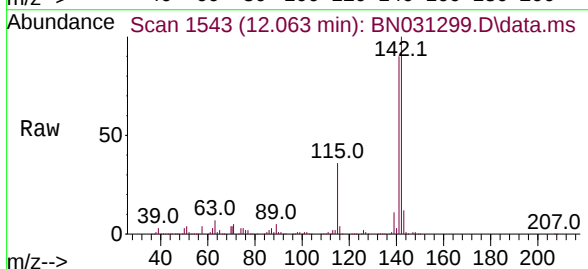
Manual Integrations  
APPROVED

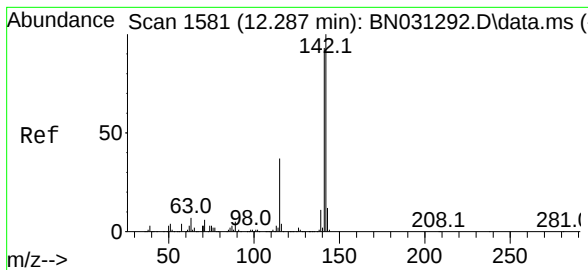
Reviewed By :Yogesh Patel 04/29/2024  
Supervised By :mohammad ahmed 04/29/2024



#36  
2-Methylnaphthalene  
Concen: 33.552 ng/ul  
RT: 12.063 min Scan# 1543  
Delta R.T. -0.006 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33

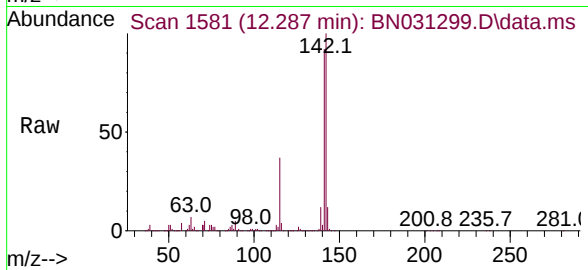
Tgt Ion:142 Resp: 1251634  
Ion Ratio Lower Upper  
142 100  
141 90.3 69.6 104.4





#37  
1-Methylnaphthalene  
Concen: 33.373 ng/ul  
RT: 12.287 min Scan# 1581  
Delta R.T. -0.006 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33

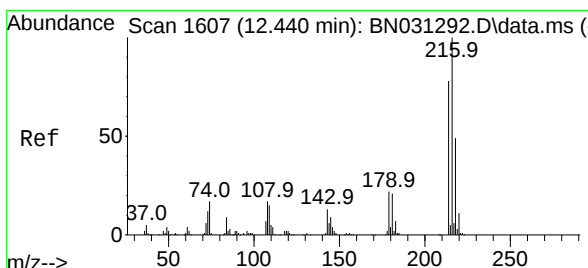
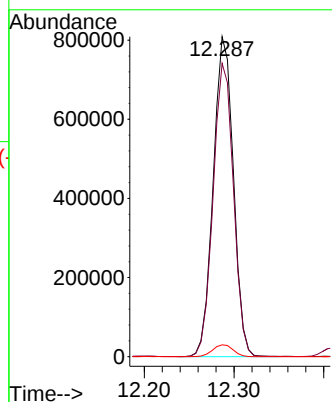
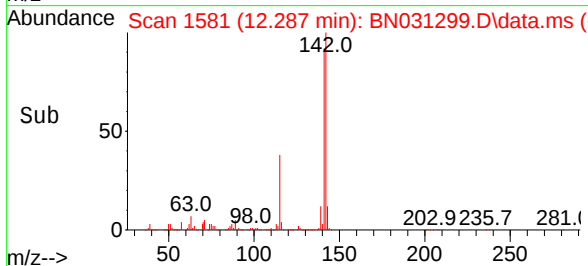
Instrument :  
BNA\_N  
ClientSampleId :  
E1CX4MSD



Tgt Ion:142 Resp: 1259710  
Ion Ratio Lower Upper  
142 100  
141 91.6 70.2 105.4  
116 3.7 3.1 4.7

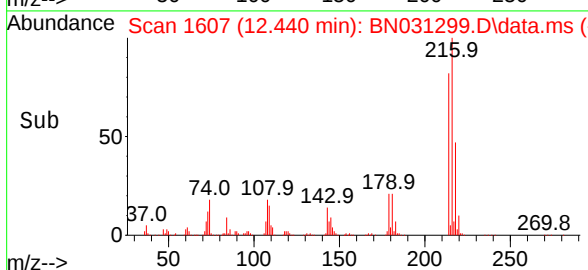
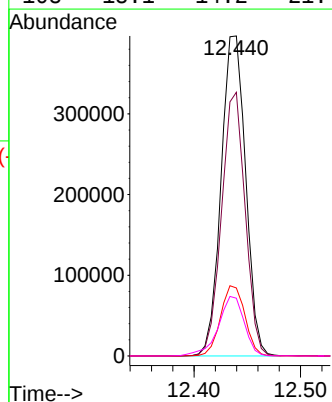
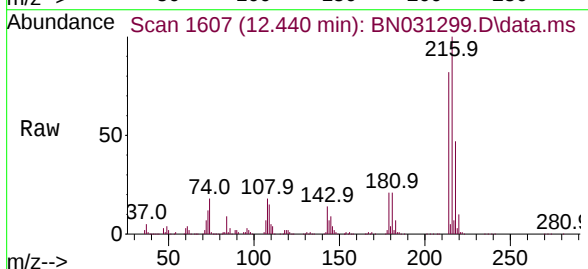
Manual Integrations  
APPROVED

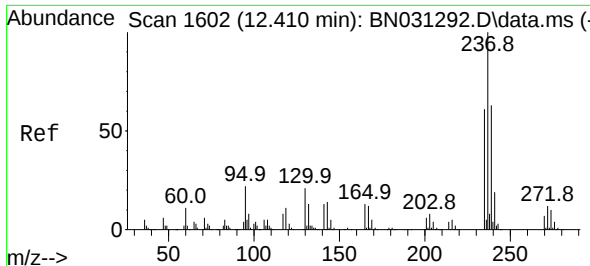
Reviewed By :Yogesh Patel 04/29/2024  
Supervised By :mohammad ahmed 04/29/2024



#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 33.614 ng/ul  
RT: 12.440 min Scan# 1607  
Delta R.T. 0.000 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33

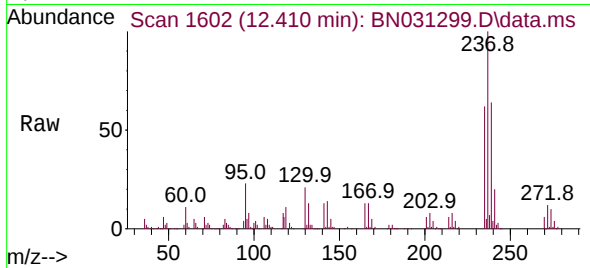
Tgt Ion:216 Resp: 634425  
Ion Ratio Lower Upper  
216 100  
214 82.4 63.1 94.7  
179 21.2 17.0 25.6  
108 18.1 14.2 21.4





#40  
Hexachlorocyclopentadiene  
Concen: 23.370 ng/ul  
RT: 12.410 min Scan# 1602  
Delta R.T. -0.006 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33

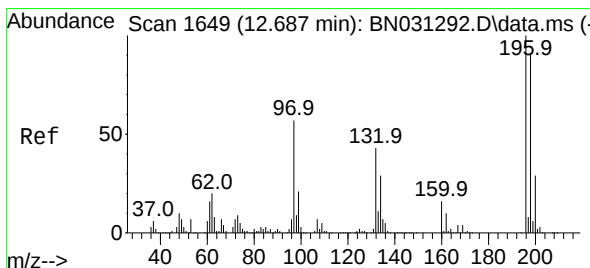
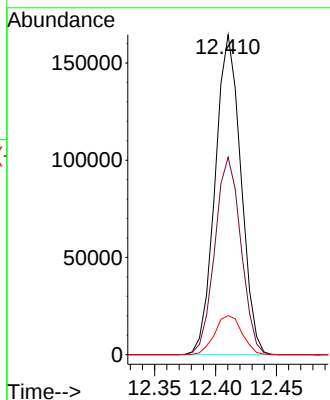
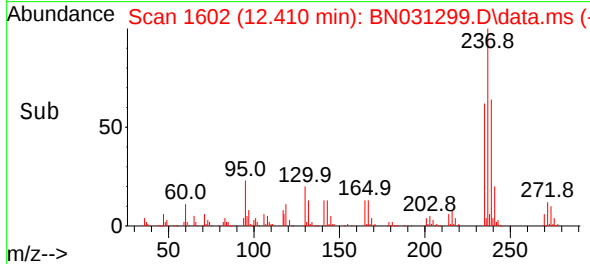
Instrument :  
BNA\_N  
ClientSampleId :  
E1CX4MSD



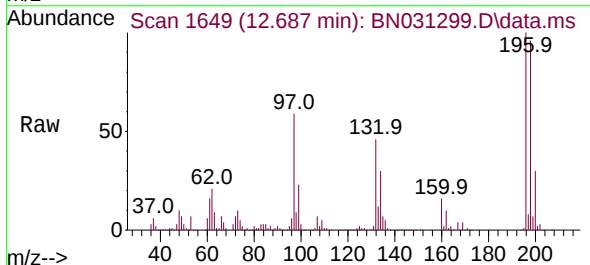
Tgt Ion:237 Resp: 242293  
Ion Ratio Lower Upper  
237 100  
235 61.7 47.6 71.4  
272 12.2 10.8 16.2

Manual Integrations  
APPROVED

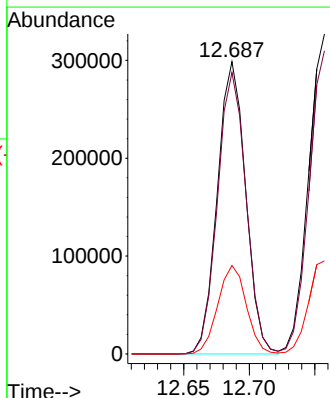
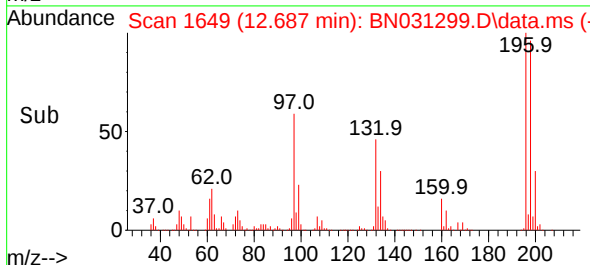
Reviewed By :Yogesh Patel 04/29/2024  
Supervised By :mohammad ahmed 04/29/2024

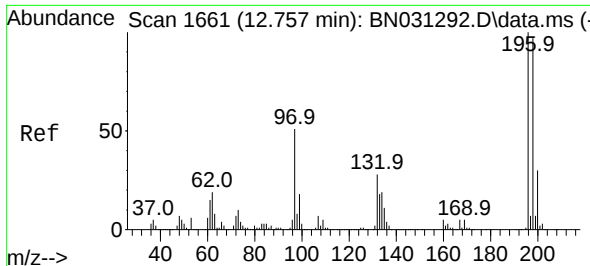


#41  
2,4,6-Trichlorophenol  
Concen: 35.658 ng/ul  
RT: 12.687 min Scan# 1649  
Delta R.T. -0.006 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33



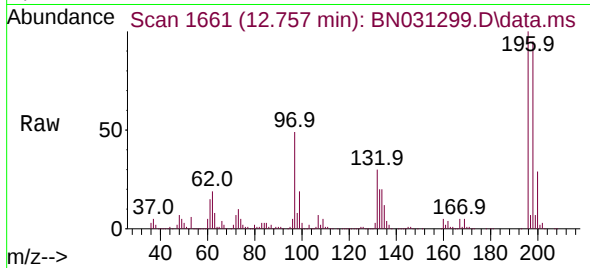
Tgt Ion:196 Resp: 447962  
Ion Ratio Lower Upper  
196 100  
198 96.3 69.9 104.9  
200 30.3 23.4 35.2





#42  
2,4,5-Trichlorophenol  
Concen: 36.182 ng/ul  
RT: 12.757 min Scan# 1661  
Delta R.T. -0.006 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33

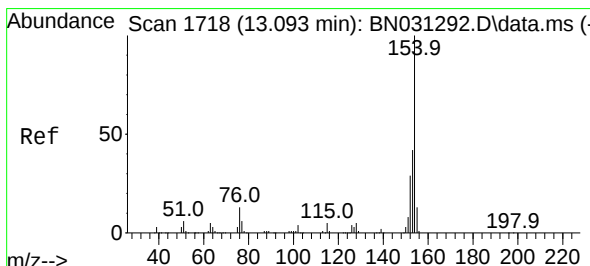
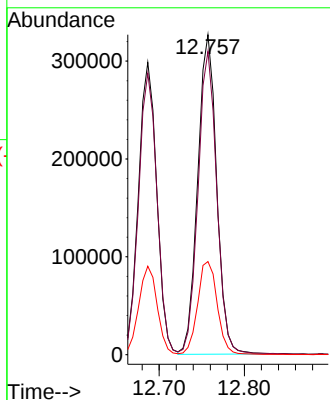
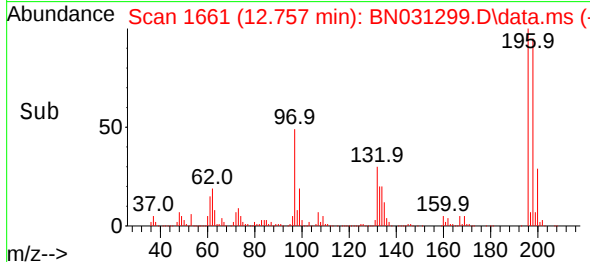
Instrument :  
BNA\_N  
ClientSampleId :  
E1CX4MSD



Tgt Ion:196 Resp: 50395  
Ion Ratio Lower Upper  
196 100  
198 94.7 75.9 113.9  
200 29.1 24.7 37.1

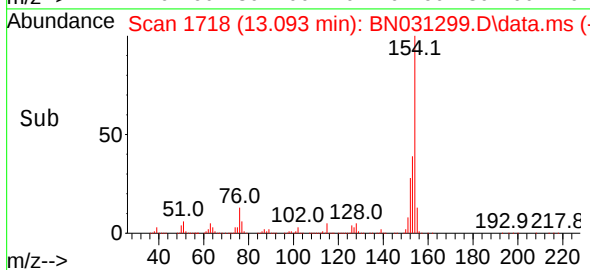
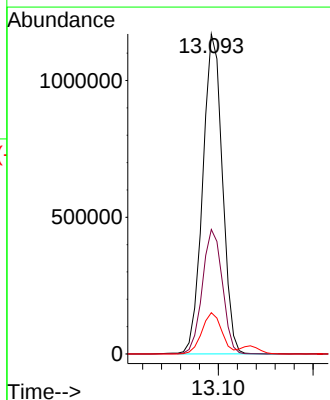
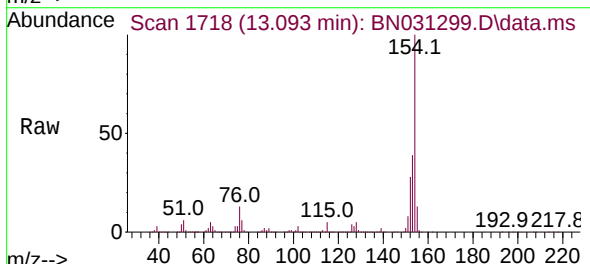
Manual Integrations  
APPROVED

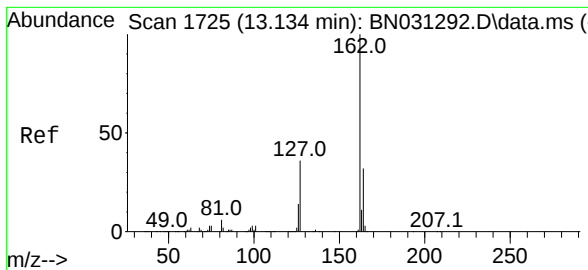
Reviewed By :Yogesh Patel 04/29/2024  
Supervised By :mohammad ahmed 04/29/2024



#43  
1,1'-Biphenyl  
Concen: 33.882 ng/ul  
RT: 13.093 min Scan# 1718  
Delta R.T. -0.006 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33

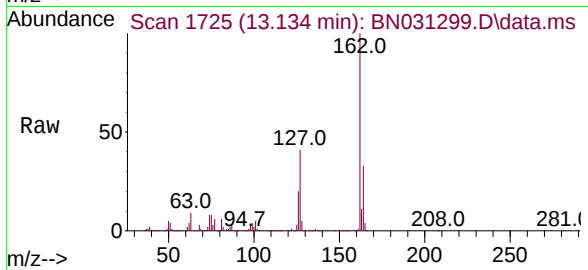
Tgt Ion:154 Resp: 1680738  
Ion Ratio Lower Upper  
154 100  
153 38.9 31.8 47.8  
76 12.9 10.6 15.8





#44  
2-Chloronaphthalene  
Concen: 32.735 ng/ul  
RT: 13.134 min Scan# 1725  
Delta R.T. -0.006 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33

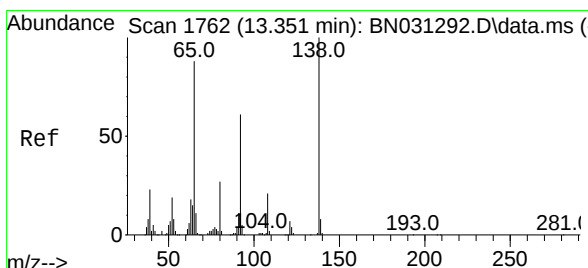
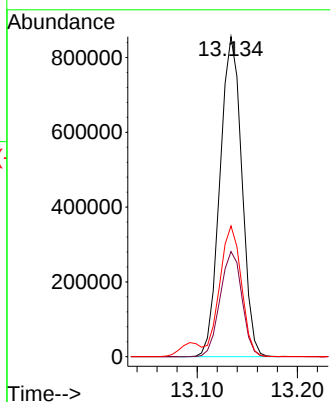
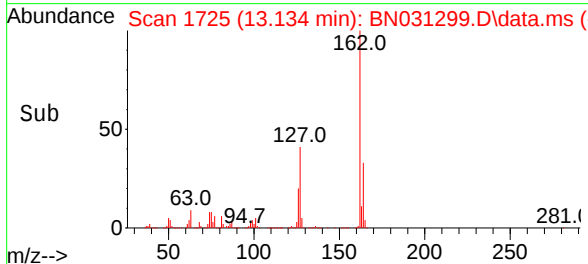
Instrument :  
BNA\_N  
ClientSampleId :  
E1CX4MSD



Tgt Ion:162 Resp: 1297608  
Ion Ratio Lower Upper  
162 100  
164 32.9 25.8 38.8  
127 40.9 33.7 50.5

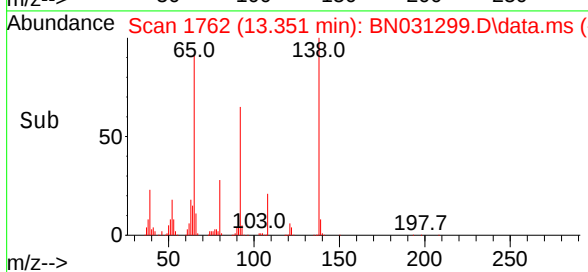
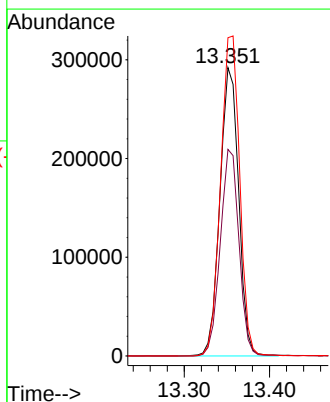
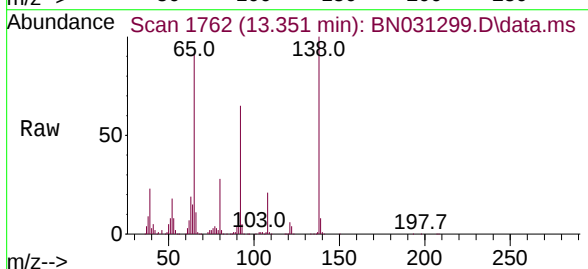
Manual Integrations  
APPROVED

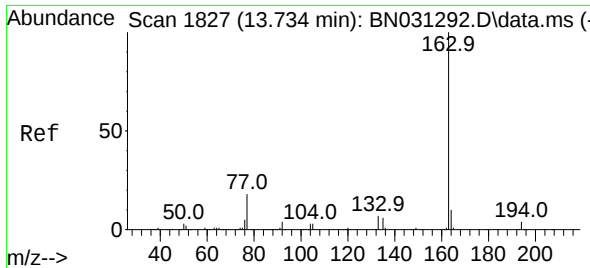
Reviewed By :Yogesh Patel 04/29/2024  
Supervised By :mohammad ahmed 04/29/2024



#45  
2-Nitroaniline  
Concen: 40.847 ng/ul  
RT: 13.351 min Scan# 1762  
Delta R.T. -0.006 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33

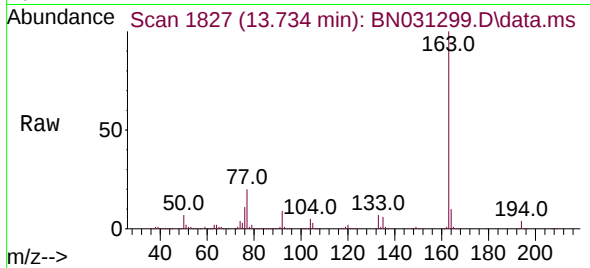
Tgt Ion: 65 Resp: 446995  
Ion Ratio Lower Upper  
65 100  
92 71.6 57.4 86.2  
138 110.3 91.6 137.4





#47  
Dimethylphthalate  
Concen: 36.589 ng/ul  
RT: 13.734 min Scan# 1827  
Delta R.T. 0.000 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33

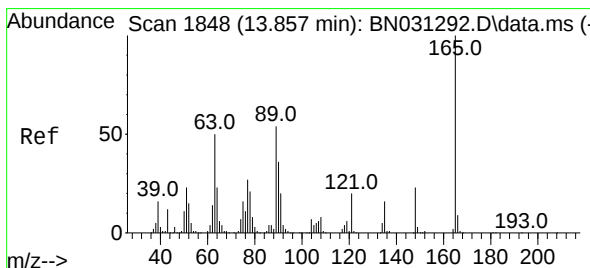
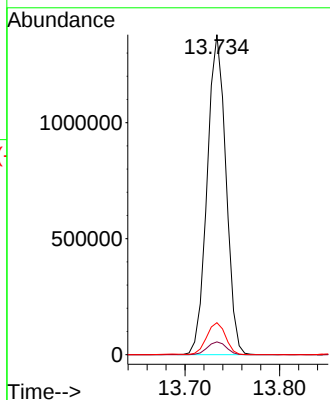
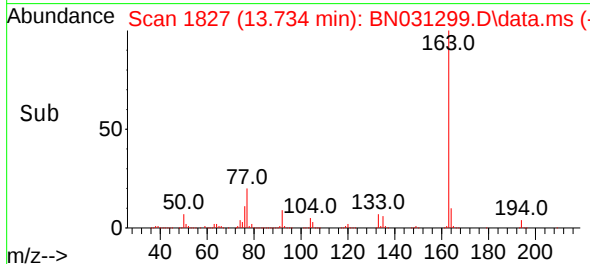
Instrument :  
BNA\_N  
ClientSampleId :  
E1CX4MSD



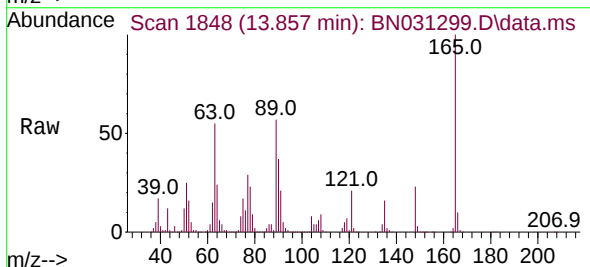
Tgt Ion:163 Resp: 1894590  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.0 4.6  
164 10.0 8.0 12.0

Manual Integrations  
APPROVED

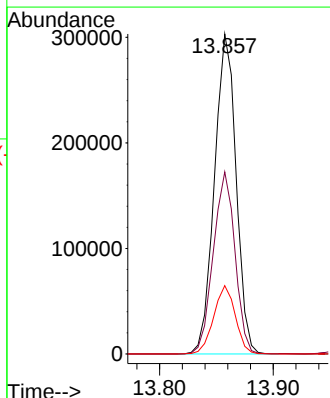
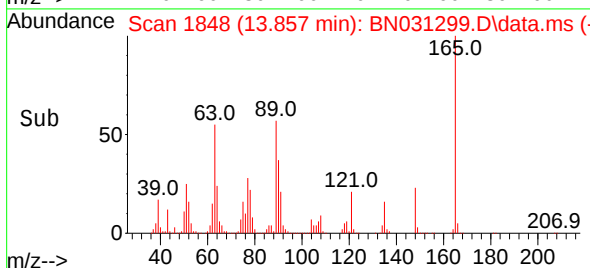
Reviewed By :Yogesh Patel 04/29/2024  
Supervised By :mohammad ahmed 04/29/2024

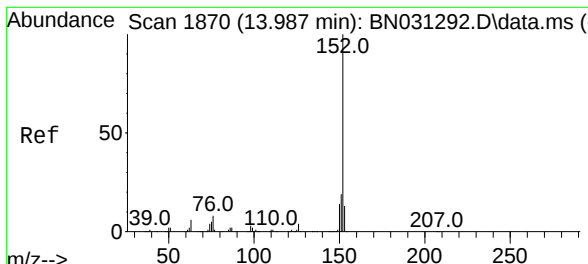


#48  
2,6-Dinitrotoluene  
Concen: 41.371 ng/ul  
RT: 13.857 min Scan# 1848  
Delta R.T. 0.000 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33



Tgt Ion:165 Resp: 402124  
Ion Ratio Lower Upper  
165 100  
89 56.9 44.7 67.1  
121 21.3 17.0 25.4





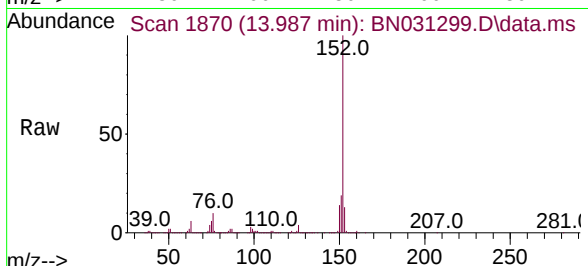
#50  
Acenaphthylene  
Concen: 33.242 ng/ul  
RT: 13.987 min Scan# 1870  
Delta R.T. -0.006 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33

Instrument :

BNA\_N

ClientSampleId :

E1CX4MSD

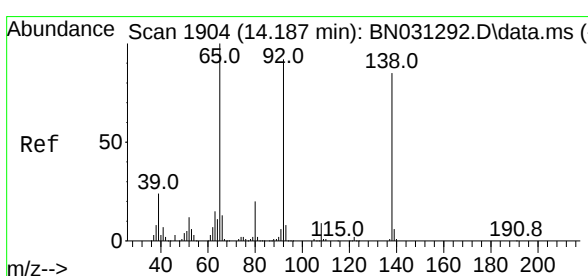
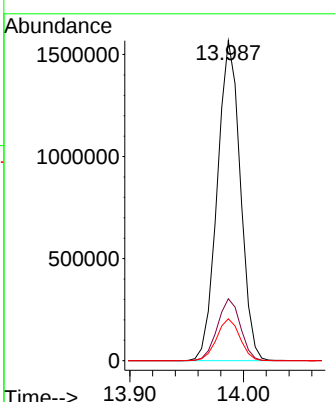
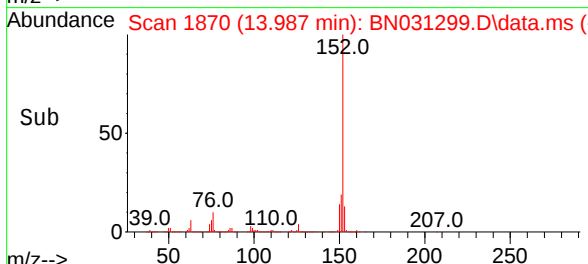


Tgt Ion:152 Resp: 220857

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 19.3  | 15.8  | 23.8  |
| 153 | 13.1  | 10.5  | 15.7  |

Manual Integrations  
APPROVED

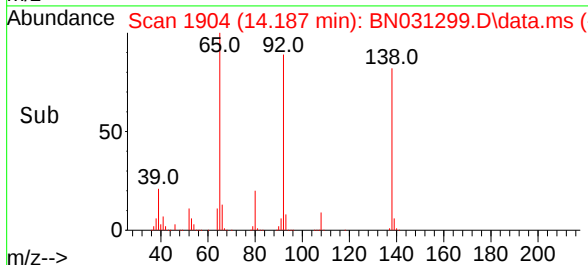
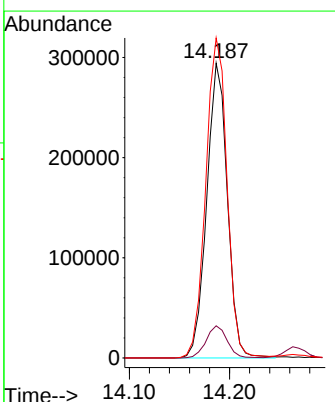
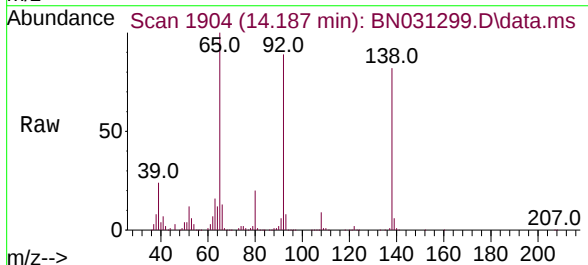
Reviewed By :Yogesh Patel 04/29/2024  
Supervised By :mohammad ahmed 04/29/2024

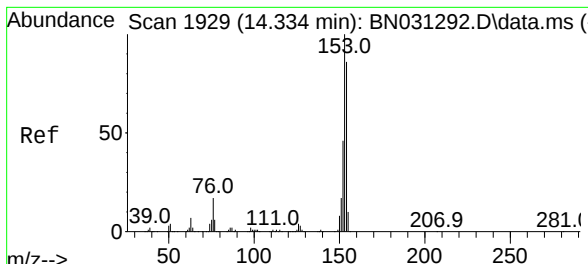


#51  
3-Nitroaniline  
Concen: 37.738 ng/ul  
RT: 14.187 min Scan# 1904  
Delta R.T. -0.006 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33

Tgt Ion:138 Resp: 421110

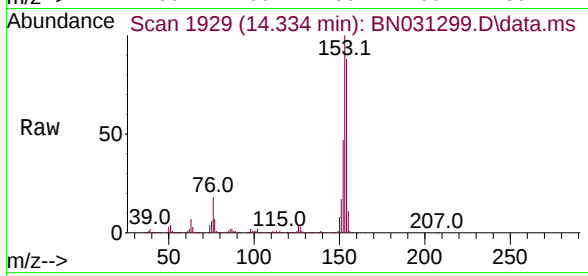
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 138 | 100   |       |       |
| 108 | 10.9  | 11.1  | 16.7# |
| 92  | 108.6 | 93.9  | 140.9 |





#52  
 Acenaphthene  
 Concen: 32.921 ng/ul  
 RT: 14.334 min Scan# 1929  
 Delta R.T. 0.000 min  
 Lab File: BN031299.D  
 Acq: 28 Apr 2024 10:33

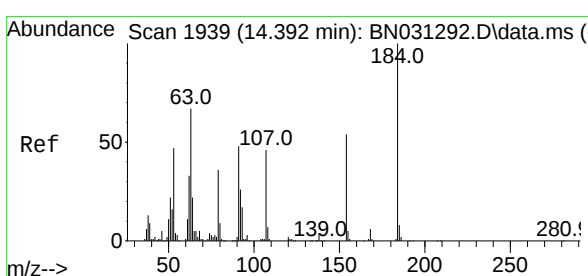
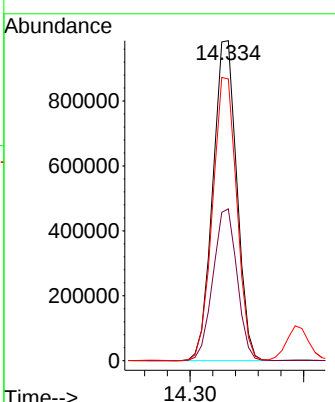
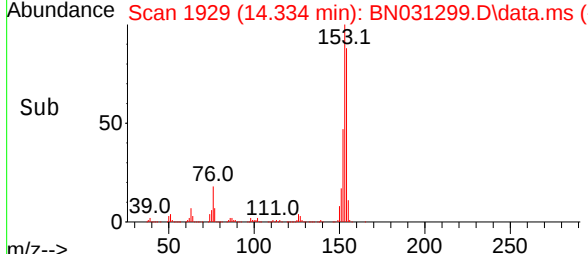
Instrument : BNA\_N  
 ClientSampleId : E1CX4MSD



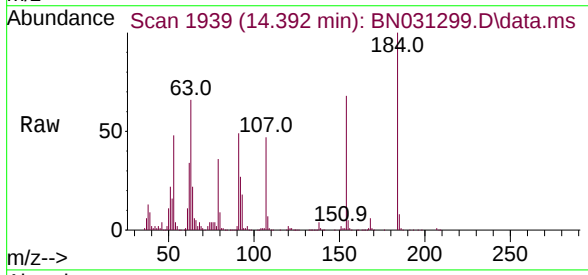
Tgt Ion:153 Resp: 144992

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 153 | 100   |       |       |
| 152 | 47.4  | 36.3  | 54.5  |
| 154 | 88.1  | 72.4  | 108.6 |

Manual Integrations  
**APPROVED**  
 Reviewed By :Yogesh Patel 04/29/2024  
 Supervised By :mohammad ahmed 04/29/2024

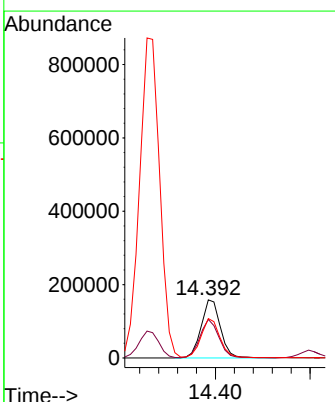
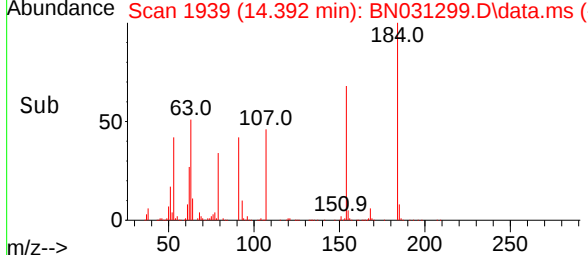


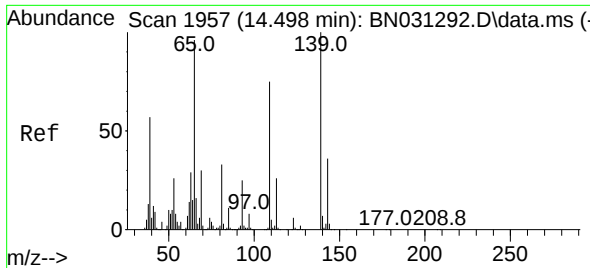
#53  
 2,4-Dinitrophenol  
 Concen: 40.755 ng/ul  
 RT: 14.392 min Scan# 1939  
 Delta R.T. -0.006 min  
 Lab File: BN031299.D  
 Acq: 28 Apr 2024 10:33



Tgt Ion:184 Resp: 224022

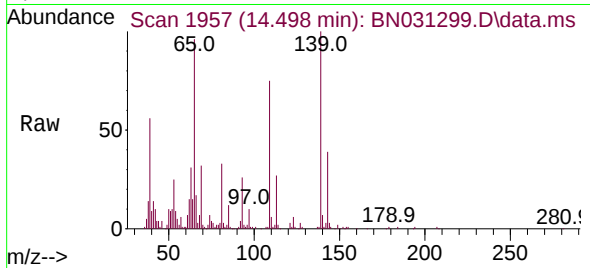
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 63  | 66.5  | 50.4  | 75.6  |
| 154 | 67.8  | 53.0  | 79.6  |





#55  
4-Nitrophenol  
Concen: 9.031 ng/ul  
RT: 14.498 min Scan# 1957  
Delta R.T. -0.006 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33

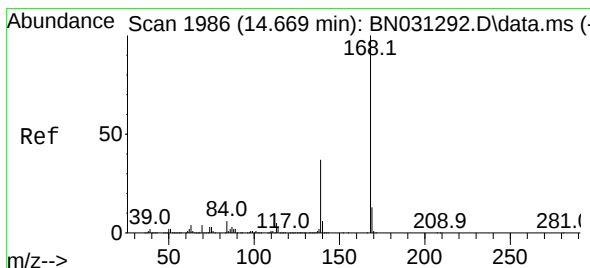
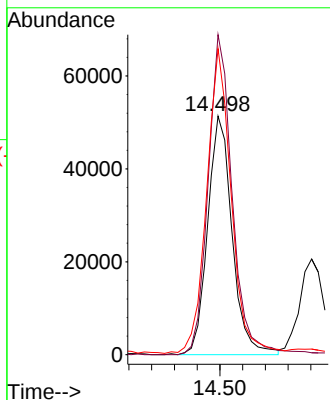
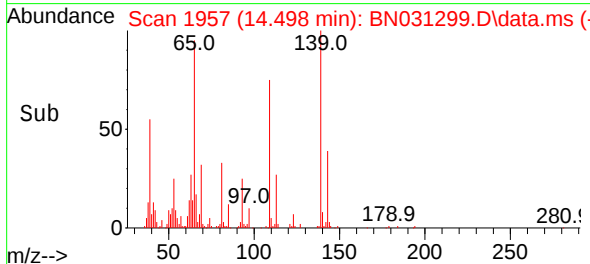
Instrument :  
BNA\_N  
ClientSampleId :  
E1CX4MSD



Tgt Ion:109 Resp: 76782  
Ion Ratio Lower Upper  
109 100  
139 134.1 105.6 158.4  
65 128.3 98.2 147.2

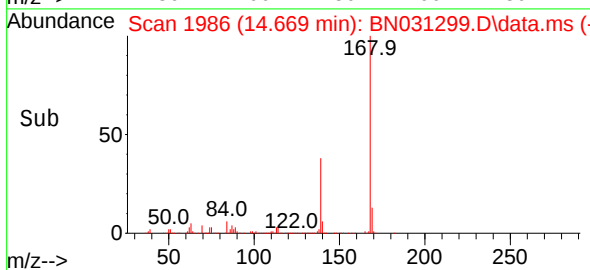
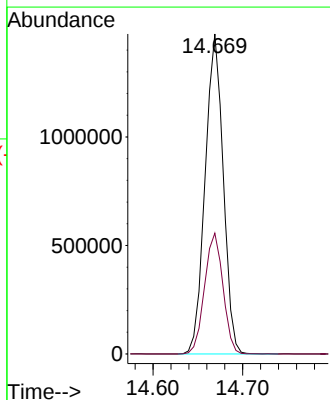
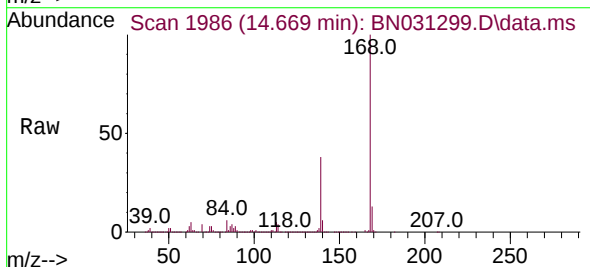
Manual Integrations  
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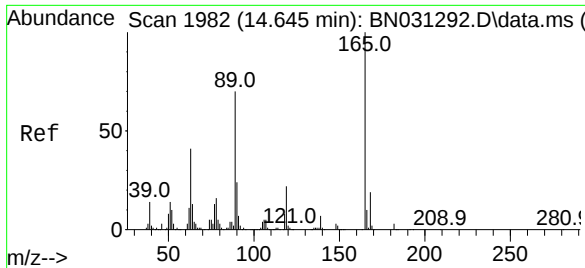
Reviewed By :Yogesh Patel 04/29/2024  
Supervised By :mohammad ahmed 04/29/2024



#56  
Dibenzofuran  
Concen: 33.842 ng/ul  
RT: 14.669 min Scan# 1986  
Delta R.T. -0.006 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33

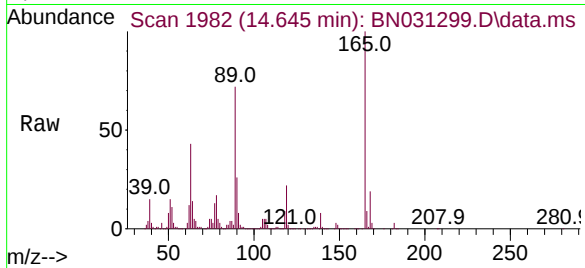
Tgt Ion:168 Resp: 2060777  
Ion Ratio Lower Upper  
168 100  
139 37.8 31.0 46.6





#57  
2,4-Dinitrotoluene  
Concen: 39.962 ng/ul  
RT: 14.645 min Scan# 1982  
Delta R.T. -0.006 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33

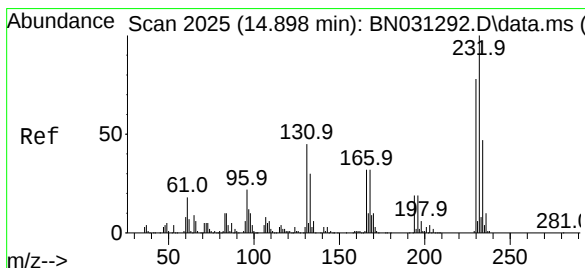
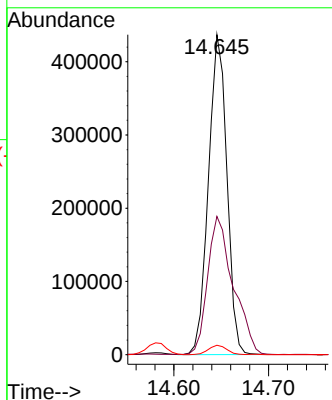
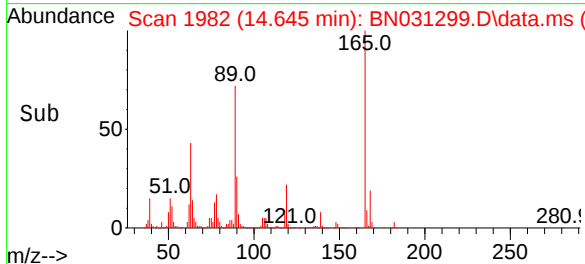
Instrument :  
BNA\_N  
ClientSampleId :  
E1CX4MSD



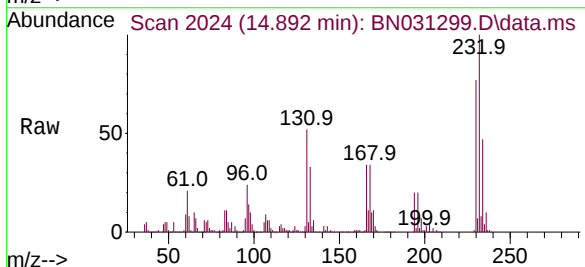
Tgt Ion:165 Resp: 590199  
Ion Ratio Lower Upper  
165 100  
63 43.2 33.9 50.9  
182 2.9 2.6 4.0

Manual Integrations  
APPROVED

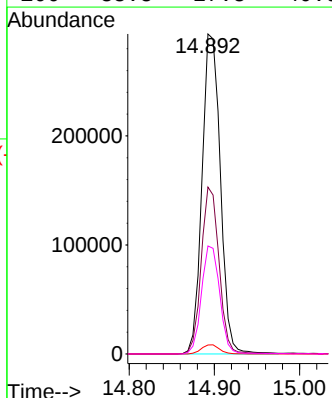
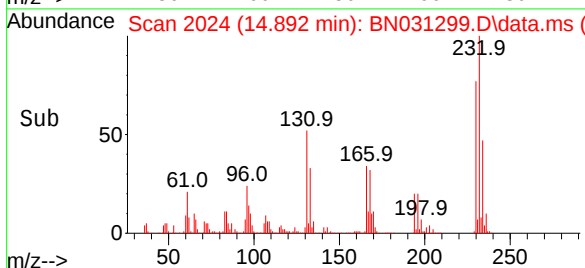
Reviewed By :Yogesh Patel 04/29/2024  
Supervised By :mohammad ahmed 04/29/2024

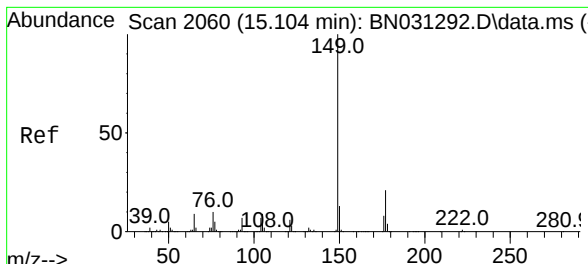


#58  
2,3,4,6-Tetrachlorophenol  
Concen: 36.500 ng/ul  
RT: 14.892 min Scan# 2024  
Delta R.T. -0.006 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33



Tgt Ion:232 Resp: 439369  
Ion Ratio Lower Upper  
232 100  
131 52.2 41.2 61.8  
130 2.8 2.2 3.2  
166 33.8 27.3 40.9





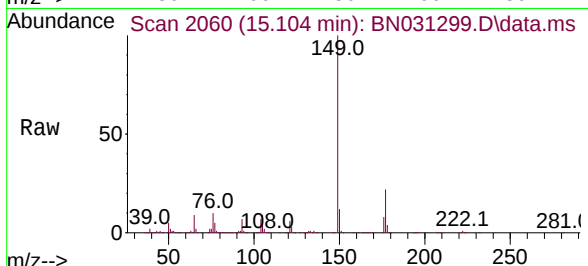
#59  
 Diethylphthalate  
 Concen: 36.262 ng/ul  
 RT: 15.104 min Scan# 2060  
 Delta R.T. -0.006 min  
 Lab File: BN031299.D  
 Acq: 28 Apr 2024 10:33

Instrument :

BNA\_N

ClientSampleId :

E1CX4MSD



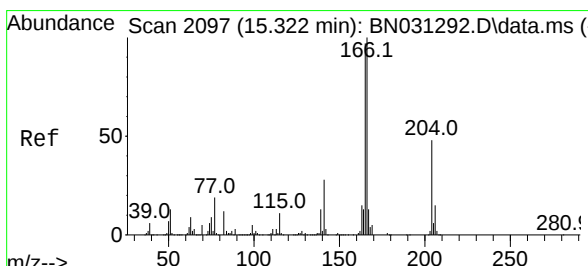
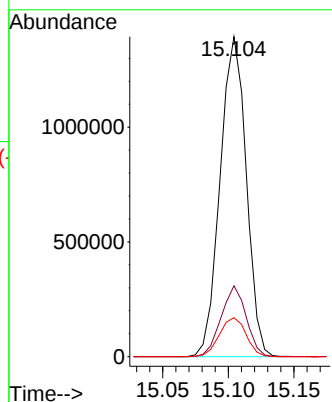
Tgt Ion:149 Resp: 1930998  
 Ion Ratio Lower Upper  
 149 100  
 177 22.1 16.8 25.2  
 150 12.2 10.1 15.1

Manual Integrations

APPROVED

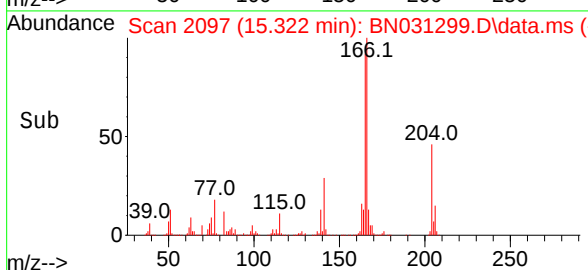
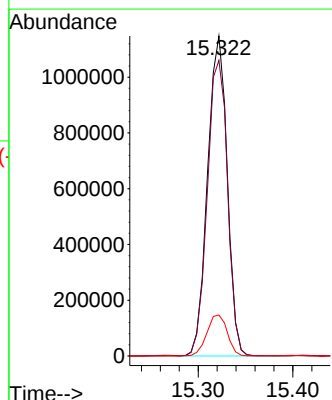
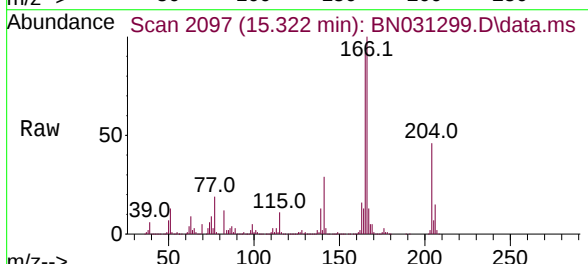
Reviewed By :Yogesh Patel 04/29/2024

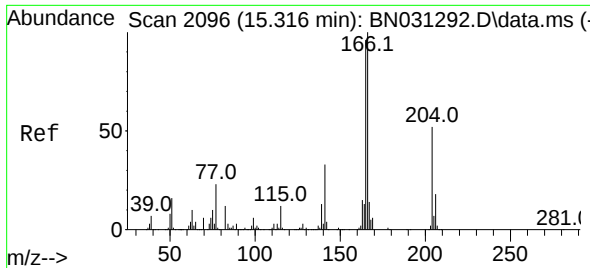
Supervised By :mohammad ahmed 04/29/2024



#61  
 Fluorene  
 Concen: 33.069 ng/ul  
 RT: 15.322 min Scan# 2097  
 Delta R.T. 0.000 min  
 Lab File: BN031299.D  
 Acq: 28 Apr 2024 10:33

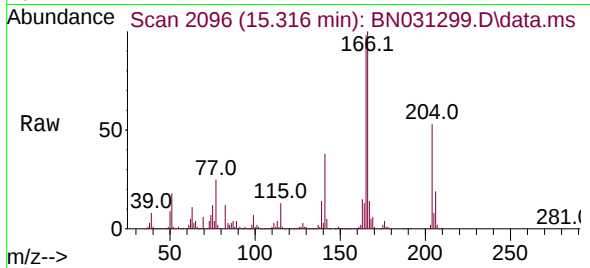
Tgt Ion:166 Resp: 1657183  
 Ion Ratio Lower Upper  
 166 100  
 165 92.3 74.6 112.0  
 167 12.8 10.6 16.0





#62  
4-Chlorophenyl-phenylether  
Concen: 31.961 ng/ul  
RT: 15.316 min Scan# 2096  
Delta R.T. -0.006 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33

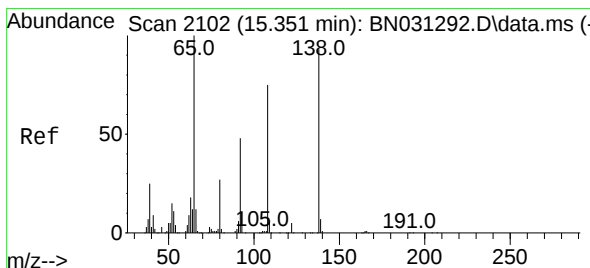
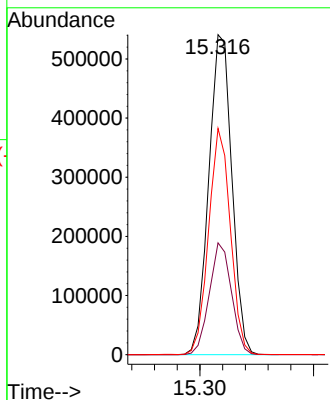
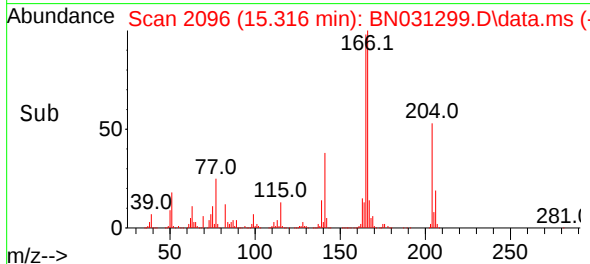
Instrument :  
BNA\_N  
ClientSampleId :  
E1CX4MSD



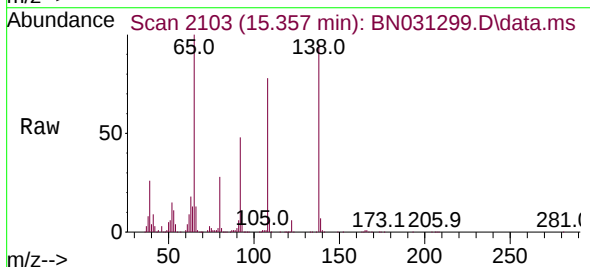
Tgt Ion:204 Resp: 76288  
Ion Ratio Lower Upper  
204 100  
206 34.9 26.4 39.6  
141 70.7 50.7 76.1

Manual Integrations  
APPROVED

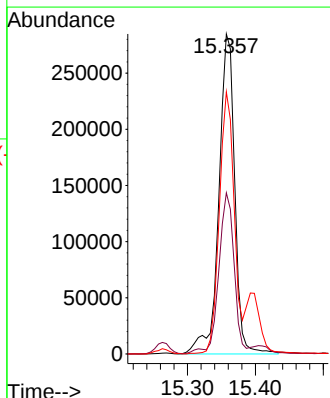
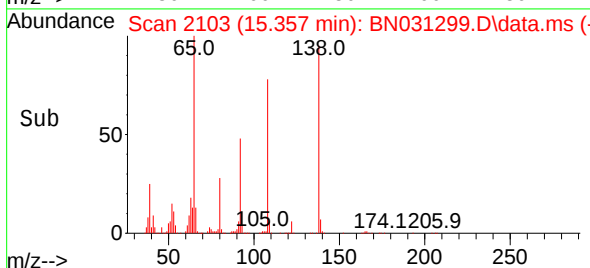
Reviewed By :Yogesh Patel 04/29/2024  
Supervised By :mohammad ahmed 04/29/2024

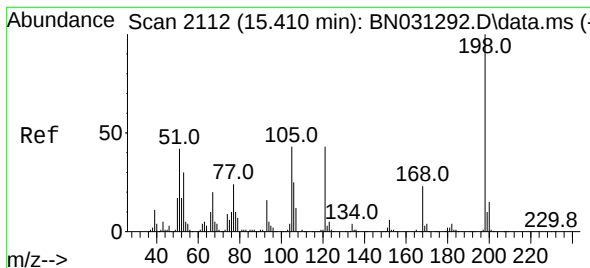


#63  
4-Nitroaniline  
Concen: 38.487 ng/ul m  
RT: 15.357 min Scan# 2103  
Delta R.T. 0.000 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33



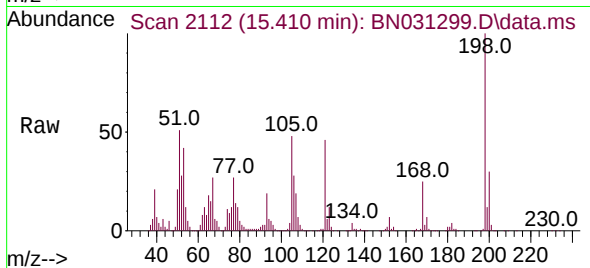
Tgt Ion:138 Resp: 463037  
Ion Ratio Lower Upper  
138 100  
92 50.4 38.4 57.6  
108 81.9 63.8 95.8





#66  
4,6-Dinitro-2-methylphenol  
Concen: 40.859 ng/ul  
RT: 15.410 min Scan# 2112  
Delta R.T. 0.000 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33

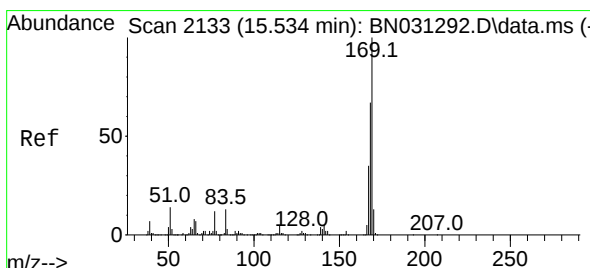
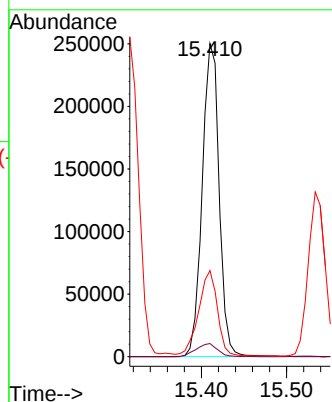
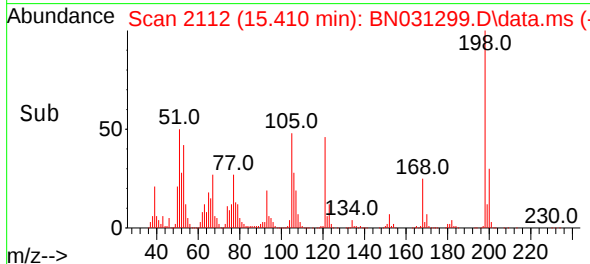
Instrument :  
BNA\_N  
ClientSampleId :  
E1CX4MSD



Tgt Ion:198 Resp: 34546  
Ion Ratio Lower Upper  
198 100  
182 4.2 4.0 6.0  
77 27.5 22.2 33.4

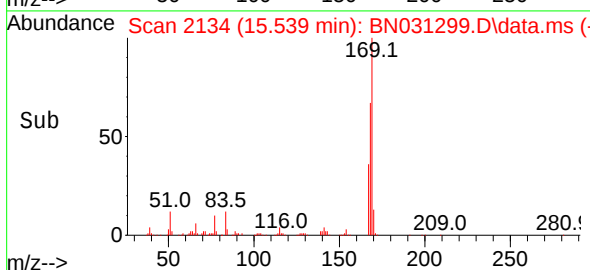
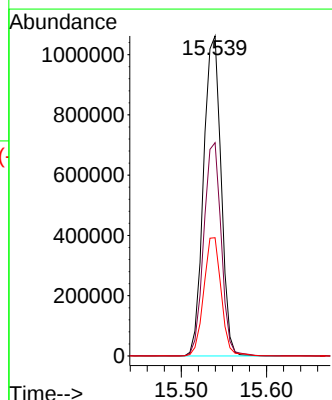
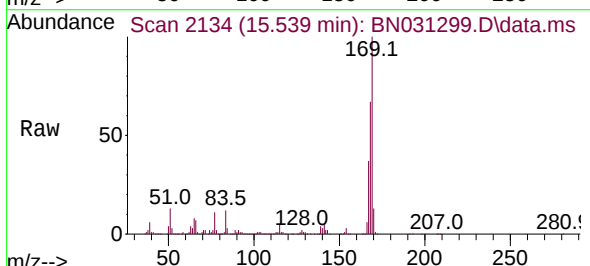
Manual Integrations  
APPROVED

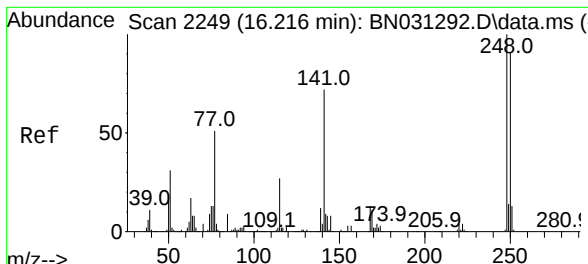
Reviewed By :Yogesh Patel 04/29/2024  
Supervised By :mohammad ahmed 04/29/2024



#67  
N-Nitrosodiphenylamine  
Concen: 36.177 ng/ul  
RT: 15.539 min Scan# 2134  
Delta R.T. 0.000 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33

Tgt Ion:169 Resp: 1513377  
Ion Ratio Lower Upper  
169 100  
168 66.7 52.6 79.0  
167 37.0 27.8 41.6





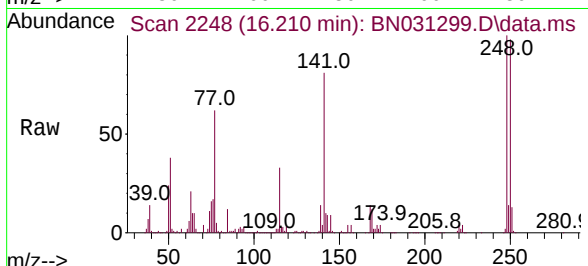
#68  
4-Bromophenyl-phenylether  
Concen: 36.680 ng/ul  
RT: 16.210 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33

Instrument :

BNA\_N

ClientSampleId :

E1CX4MSD



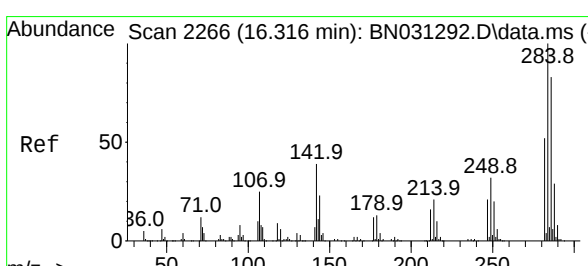
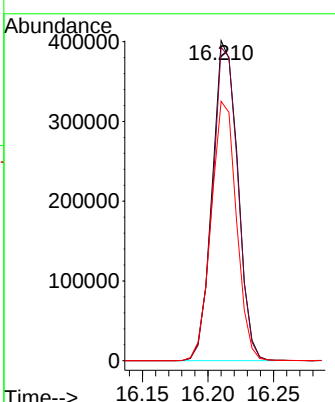
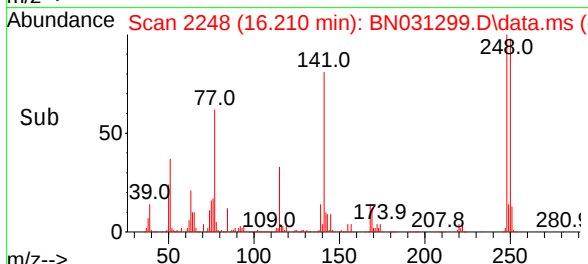
Tgt Ion:248 Resp: 541400

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 248 | 100   |       |       |
| 250 | 97.9  | 78.2  | 117.2 |
| 141 | 81.1  | 71.4  | 107.0 |

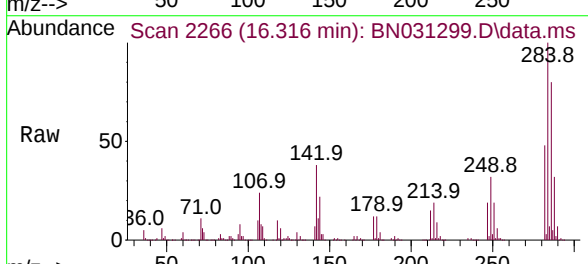
Manual Integrations

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Reviewed By :Yogesh Patel 04/29/2024  
Supervised By :mohammad ahmed 04/29/2024

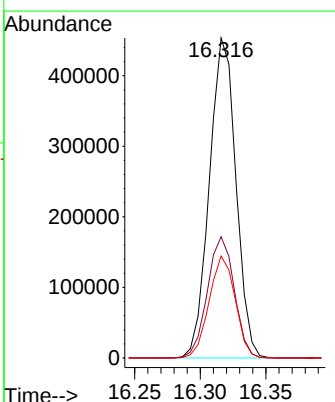
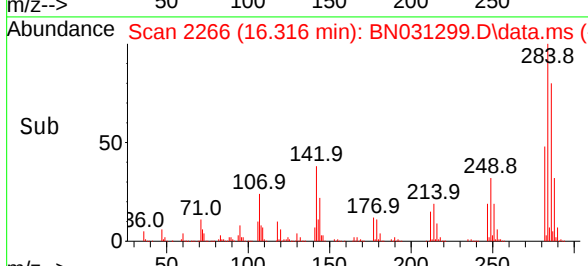


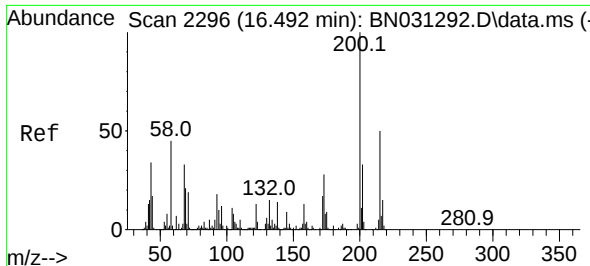
#69  
Hexachlorobenzene  
Concen: 37.532 ng/ul  
RT: 16.316 min Scan# 2266  
Delta R.T. -0.006 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33



Tgt Ion:284 Resp: 638633

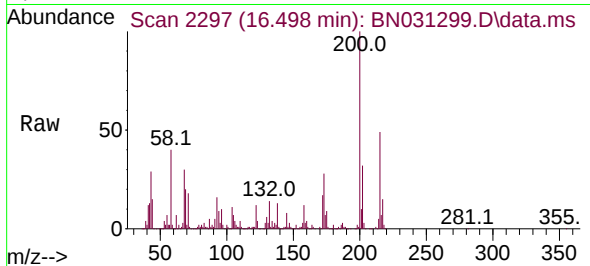
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 284 | 100   |       |       |
| 142 | 37.9  | 30.0  | 45.0  |
| 249 | 31.9  | 25.5  | 38.3  |





#70  
Atrazine  
Concen: 37.007 ng/ul  
RT: 16.498 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33

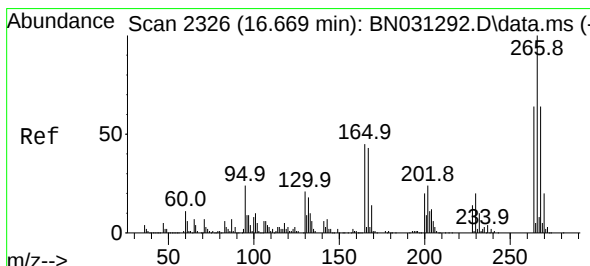
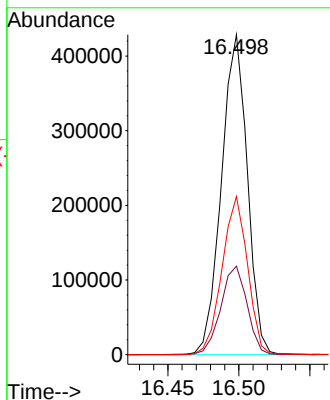
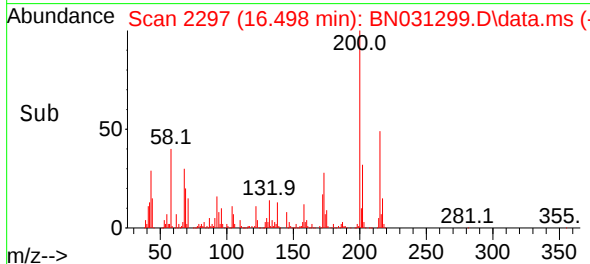
Instrument :  
BNA\_N  
ClientSampleId :  
E1CX4MSD



Tgt Ion:200 Resp: 543515  
Ion Ratio Lower Upper  
200 100  
173 27.7 20.6 31.0  
215 49.4 37.6 56.4

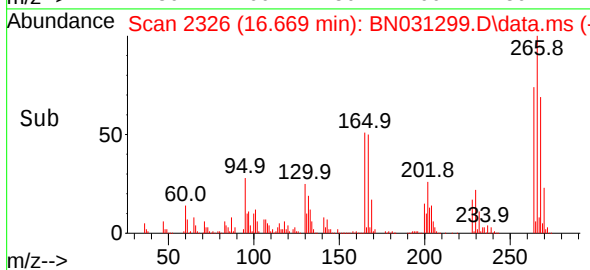
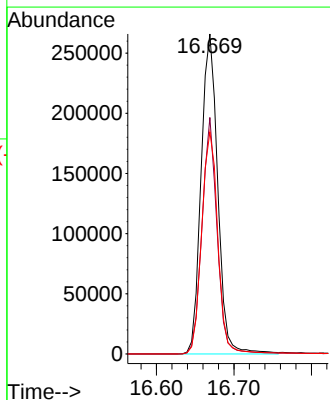
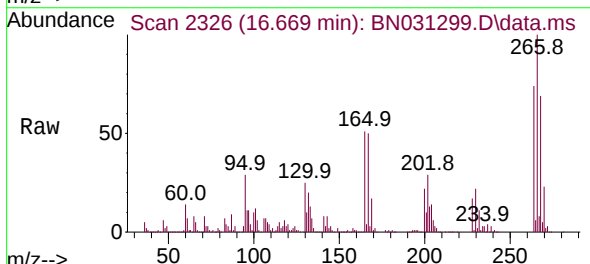
Manual Integrations  
APPROVED

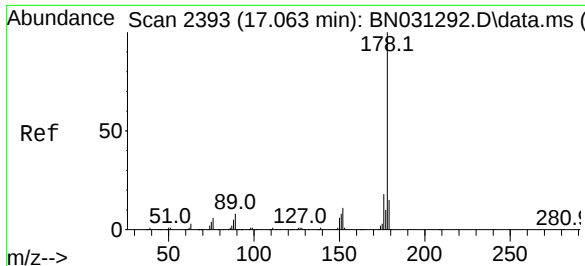
Reviewed By :Yogesh Patel 04/29/2024  
Supervised By :mohammad ahmed 04/29/2024



#71  
Pentachlorophenol  
Concen: 35.889 ng/ul  
RT: 16.669 min Scan# 2326  
Delta R.T. -0.006 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33

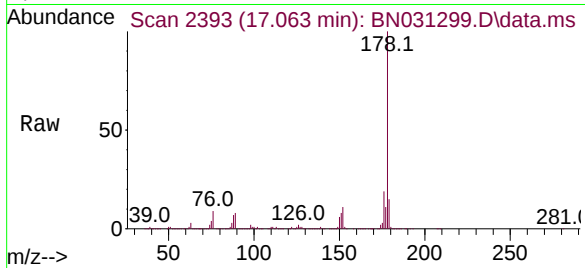
Tgt Ion:266 Resp: 396761  
Ion Ratio Lower Upper  
266 100  
264 73.9 49.1 73.7#  
268 69.4 49.2 73.8





#72  
Phenanthrene  
Concen: 34.827 ng/ul  
RT: 17.063 min Scan# 2393  
Delta R.T. 0.000 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33

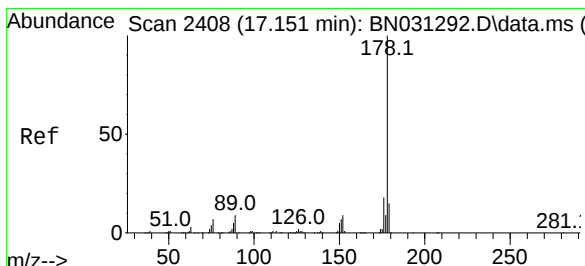
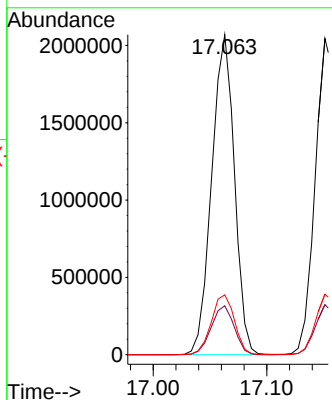
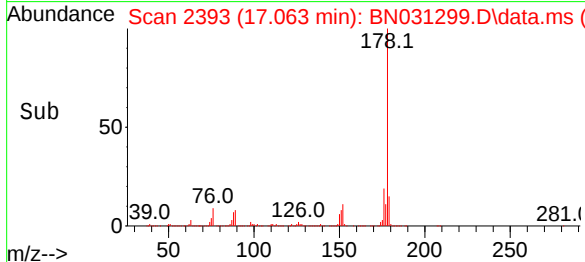
Instrument :  
BNA\_N  
ClientSampleId :  
E1CX4MSD



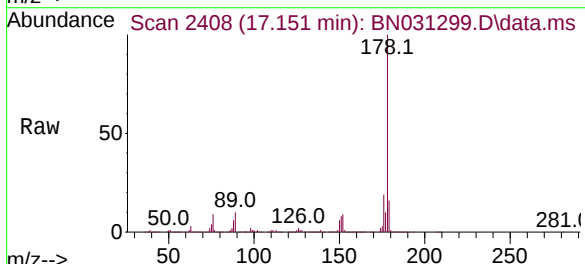
Tgt Ion:178 Resp: 2875004  
Ion Ratio Lower Upper  
178 100  
179 15.3 12.4 18.6  
176 18.7 14.6 21.8

Manual Integrations  
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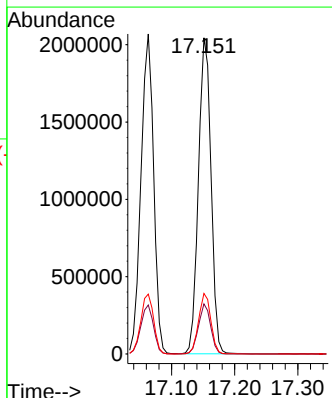
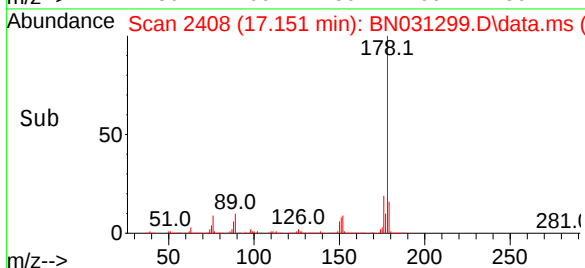
Reviewed By :Yogesh Patel 04/29/2024  
Supervised By :mohammad ahmed 04/29/2024

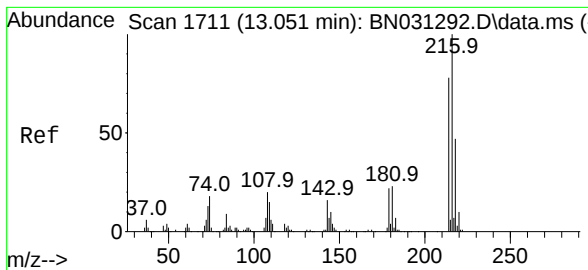


#74  
Anthracene  
Concen: 33.853 ng/ul  
RT: 17.151 min Scan# 2408  
Delta R.T. -0.006 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33



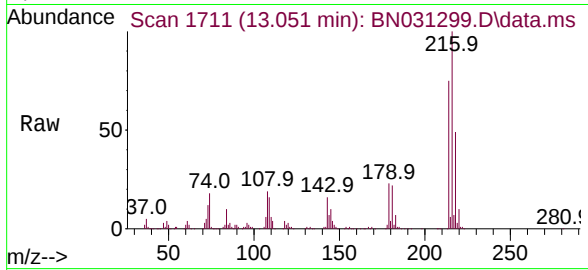
Tgt Ion:178 Resp: 2828059  
Ion Ratio Lower Upper  
178 100  
179 15.8 12.2 18.4  
176 19.1 14.4 21.6





#75  
1,2,3,4-Tetrachlorobenzene  
Concen: 36.102 ng/uL  
RT: 13.051 min Scan# 1711  
Delta R.T. -0.006 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33

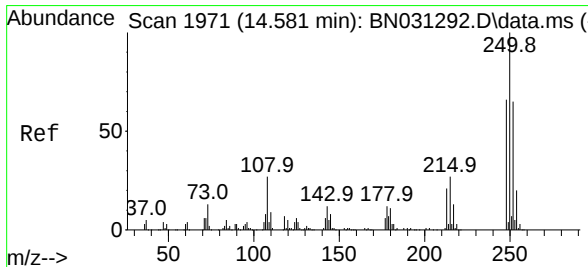
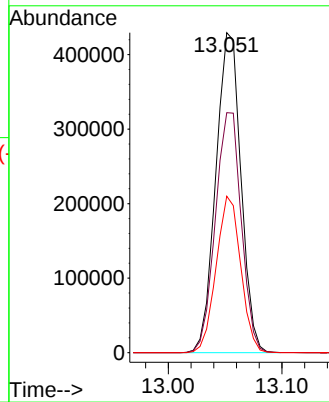
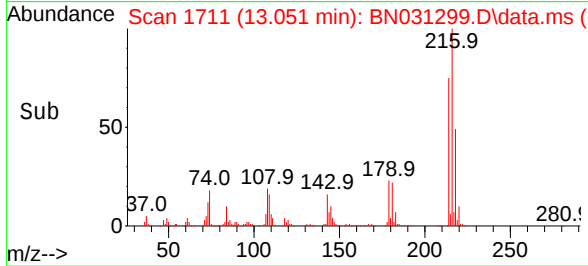
Instrument :  
BNA\_N  
ClientSampleId :  
E1CX4MSD



Tgt Ion:216 Resp: 660900  
Ion Ratio Lower Upper  
216 100  
214 75.0 63.0 94.6  
218 48.9 38.3 57.5

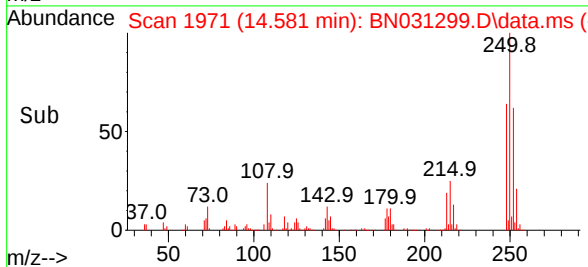
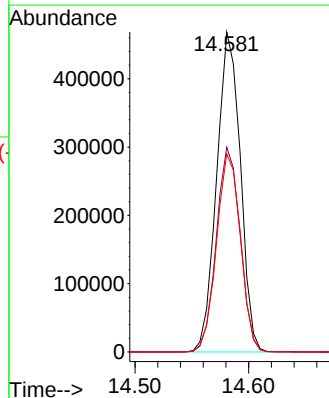
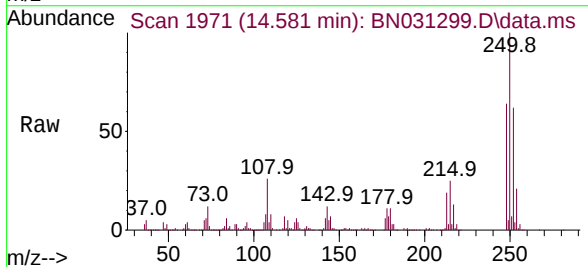
Manual Integrations  
APPROVED

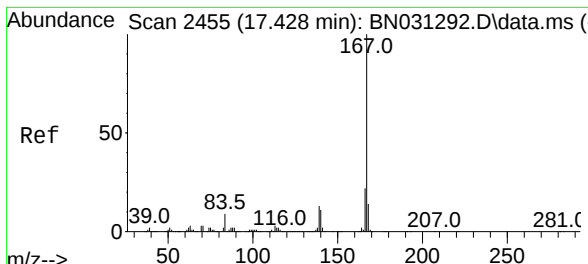
Reviewed By :Yogesh Patel 04/29/2024  
Supervised By :mohammad ahmed 04/29/2024



#76  
Pentachlorobenzene  
Concen: 35.915 ng/uL  
RT: 14.581 min Scan# 1971  
Delta R.T. -0.006 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33

Tgt Ion:250 Resp: 678940  
Ion Ratio Lower Upper  
250 100  
248 64.0 49.3 73.9  
252 61.9 52.9 79.3





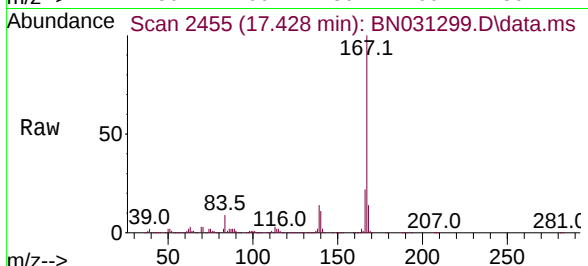
#77  
 Carbazole  
 Concen: 36.057 ng/ul  
 RT: 17.428 min Scan# 2455  
 Delta R.T. -0.006 min  
 Lab File: BN031299.D  
 Acq: 28 Apr 2024 10:33

Instrument :

BNA\_N

ClientSampleId :

E1CX4MSD



Tgt Ion:167 Resp: 2751492

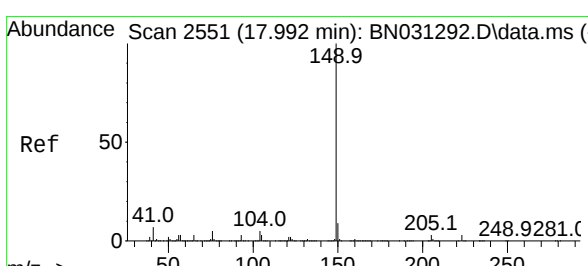
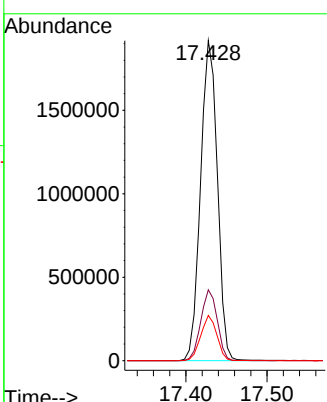
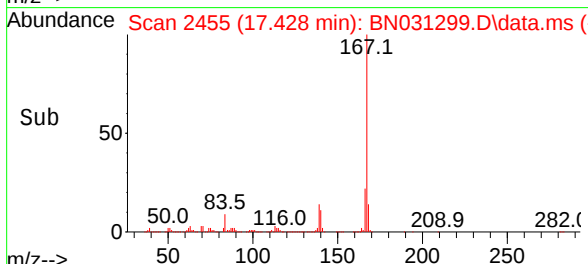
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.1  | 16.2  | 24.2  |
| 139 | 14.2  | 10.6  | 15.8  |

Manual Integrations

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Reviewed By :Yogesh Patel 04/29/2024

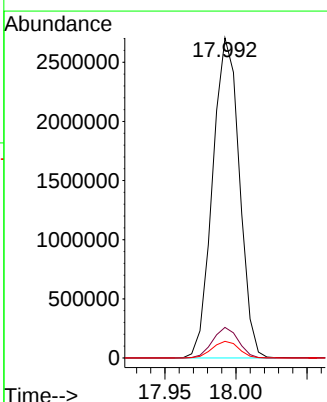
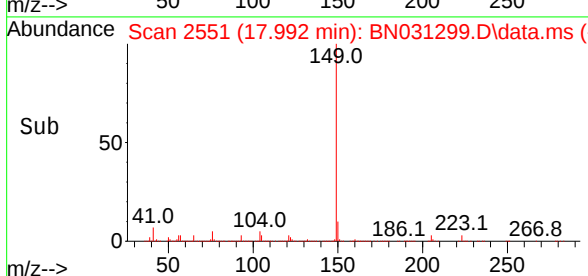
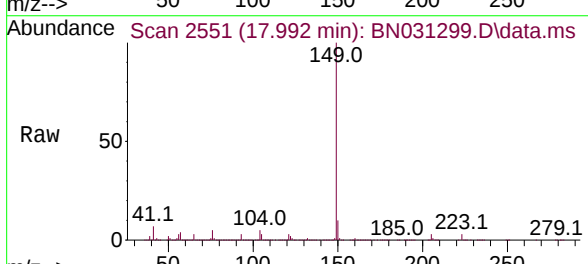
Supervised By :mohammad ahmed 04/29/2024

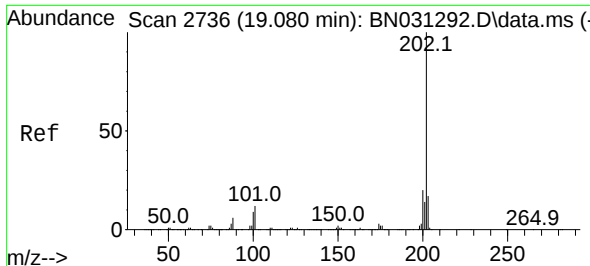


#78  
 Di-n-butylphthalate  
 Concen: 38.112 ng/ul  
 RT: 17.992 min Scan# 2551  
 Delta R.T. -0.006 min  
 Lab File: BN031299.D  
 Acq: 28 Apr 2024 10:33

Tgt Ion:149 Resp: 3544933

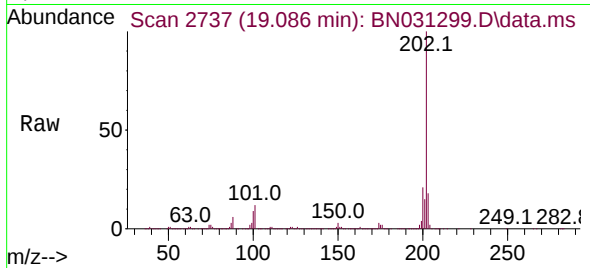
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.6   | 7.1   | 10.7  |
| 104 | 5.2   | 3.9   | 5.9   |





#80  
Fluoranthene  
Concen: 42.766 ng/ul  
RT: 19.086 min Scan# 2736  
Delta R.T. 0.000 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33

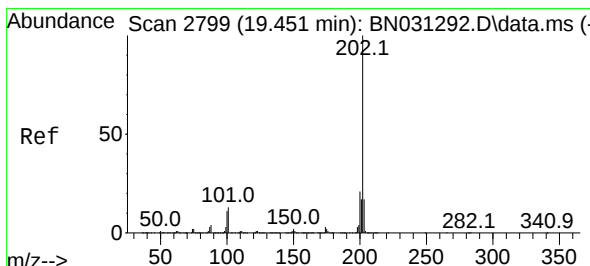
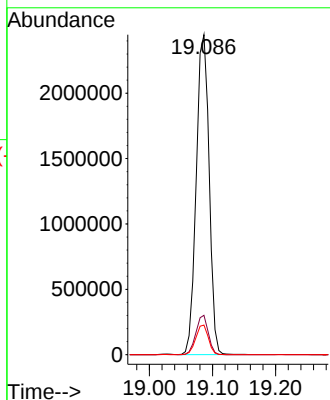
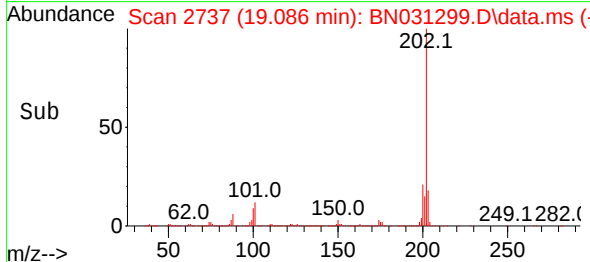
Instrument :  
BNA\_N  
ClientSampleId :  
E1CX4MSD



Tgt Ion:202 Resp: 345968  
Ion Ratio Lower Upper  
202 100  
101 12.3 9.0 13.6  
100 9.2 6.9 10.3

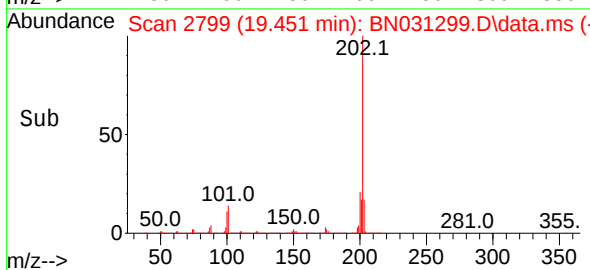
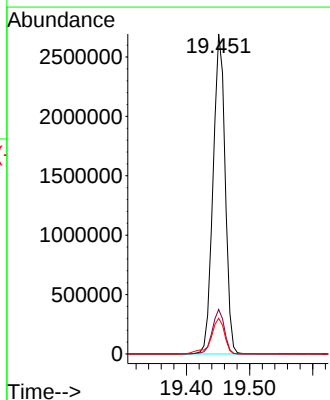
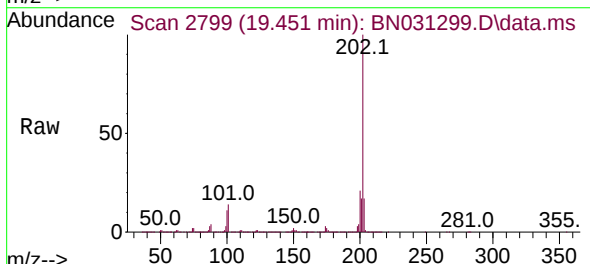
Manual Integrations  
APPROVED

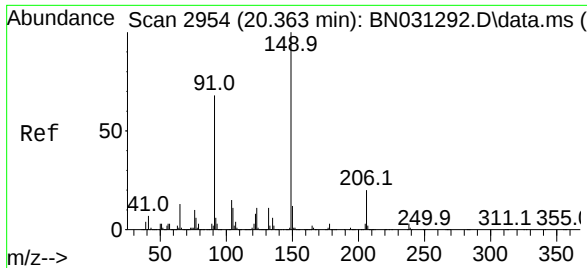
Reviewed By :Yogesh Patel 04/29/2024  
Supervised By :mohammad ahmed 04/29/2024



#82  
Pyrene  
Concen: 42.030 ng/ul  
RT: 19.451 min Scan# 2799  
Delta R.T. 0.000 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33

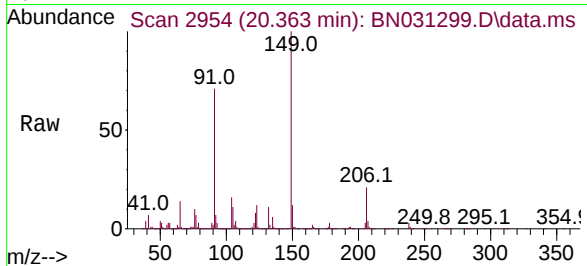
Tgt Ion:202 Resp: 3572511  
Ion Ratio Lower Upper  
202 100  
101 13.9 11.1 16.7  
100 11.2 9.3 13.9





#83  
Butylbenzylphthalate  
Concen: 45.306 ng/ul  
RT: 20.363 min Scan# 2954  
Delta R.T. 0.000 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33

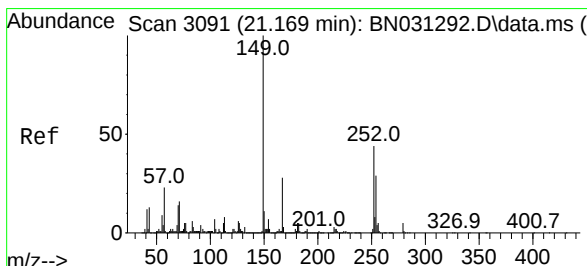
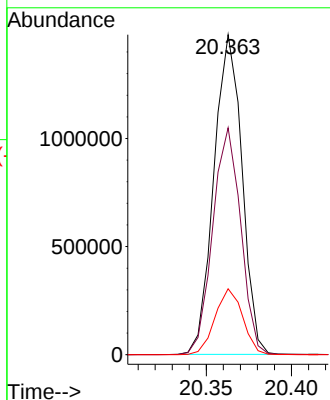
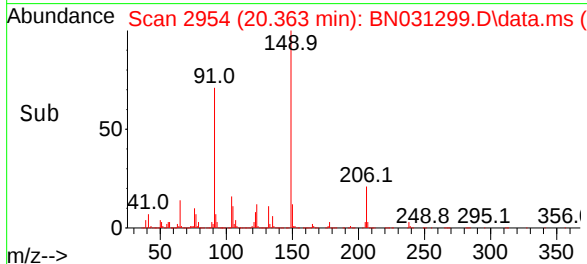
Instrument :  
BNA\_N  
ClientSampleId :  
E1CX4MSD



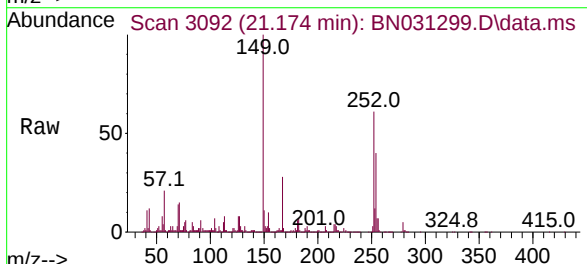
Tgt Ion:149 Resp: 169921  
Ion Ratio Lower Upper  
149 100  
91 70.9 57.3 85.9  
206 20.6 16.2 24.4

Manual Integrations  
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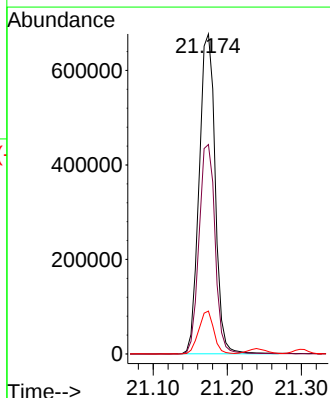
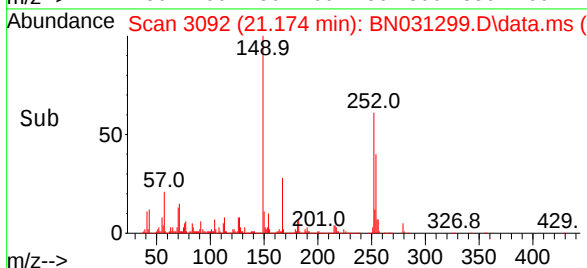
Reviewed By :Yogesh Patel 04/29/2024  
Supervised By :mohammad ahmed 04/29/2024

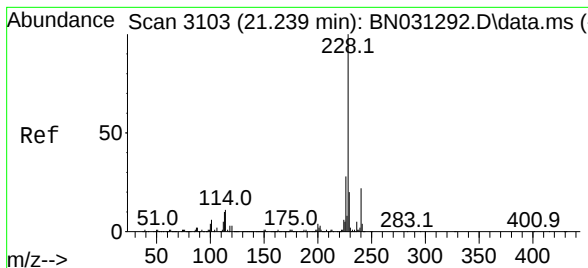


#84  
3,3'-Dichlorobenzidine  
Concen: 35.191 ng/ul  
RT: 21.174 min Scan# 3092  
Delta R.T. 0.000 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33



Tgt Ion:252 Resp: 1019966  
Ion Ratio Lower Upper  
252 100  
254 65.5 54.5 81.7  
126 13.4 9.8 14.6





#85

Benzo(a)anthracene

Concen: 37.986 ng/ul

RT: 21.239 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BN031299.D

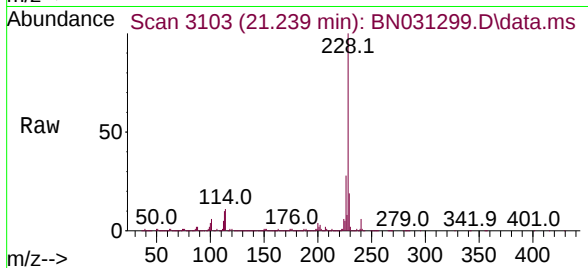
Acq: 28 Apr 2024 10:33

Instrument :

BNA\_N

ClientSampleId :

E1CX4MSD



Tgt Ion:228 Resp: 3588079

Ion Ratio Lower Upper

228 100

229 19.0 16.7 25.1

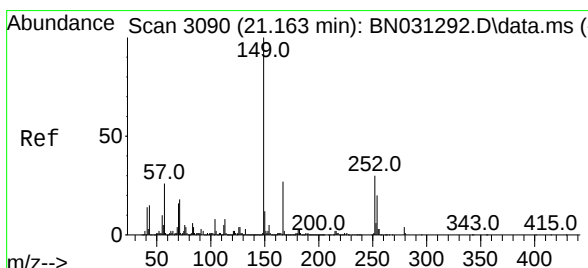
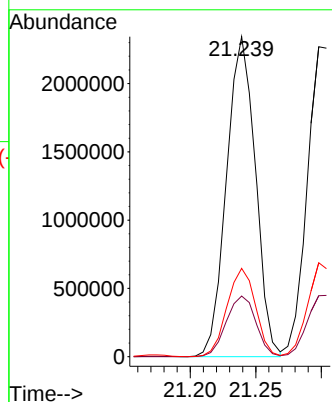
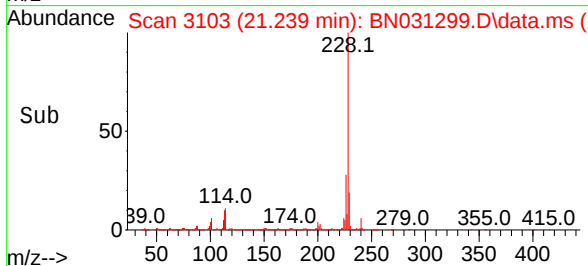
226 27.6 21.2 31.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/29/2024

Supervised By :mohammad ahmed 04/29/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 40.903 ng/ul

RT: 21.169 min Scan# 3091

Delta R.T. 0.000 min

Lab File: BN031299.D

Acq: 28 Apr 2024 10:33

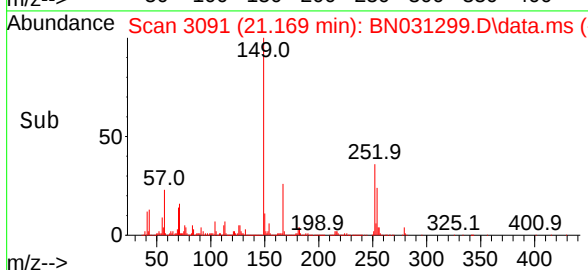
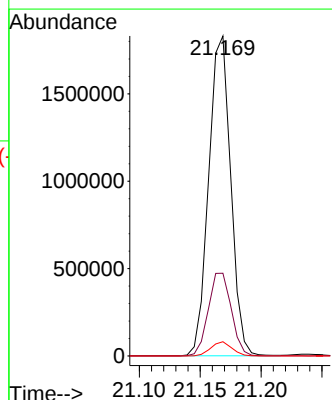
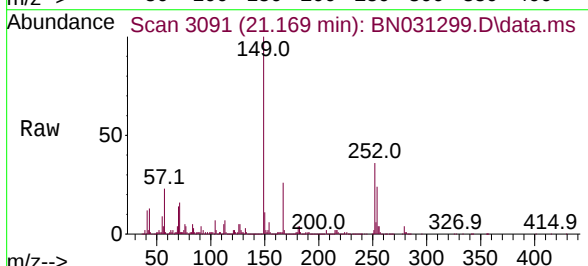
Tgt Ion:149 Resp: 2303369

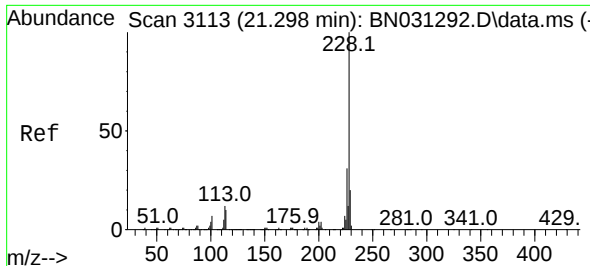
Ion Ratio Lower Upper

149 100

167 25.9 22.3 33.5

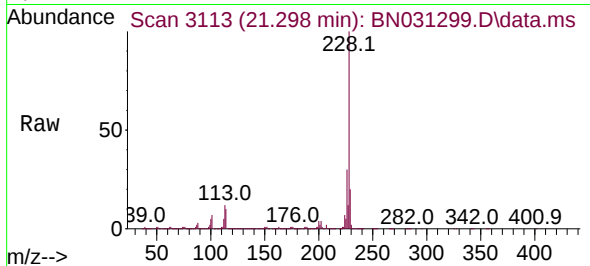
279 4.4 3.0 4.6





#87  
Chrysene  
Concen: 37.546 ng/ul  
RT: 21.298 min Scan# 3113  
Delta R.T. 0.000 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33

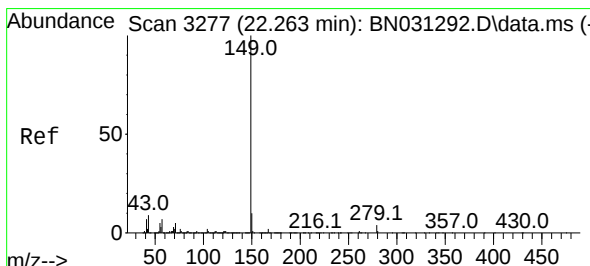
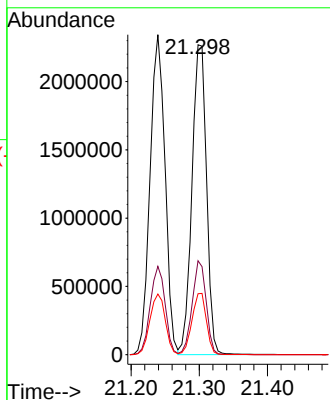
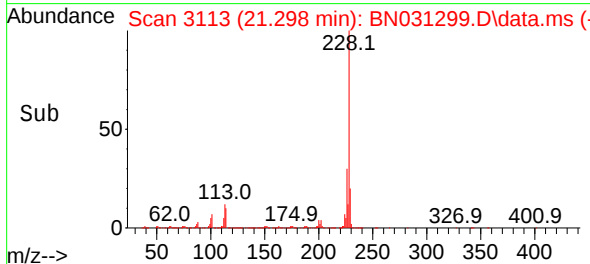
Instrument :  
BNA\_N  
ClientSampleId :  
E1CX4MSD



Tgt Ion:228 Resp: 3366464  
Ion Ratio Lower Upper  
228 100  
226 30.3 22.6 34.0  
229 19.7 15.8 23.8

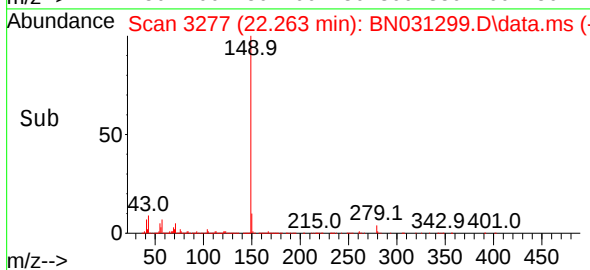
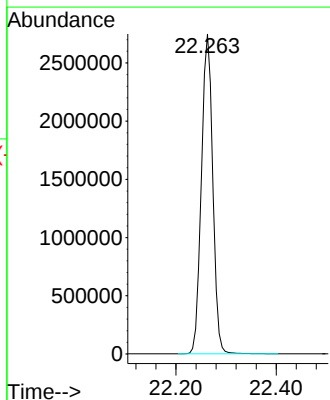
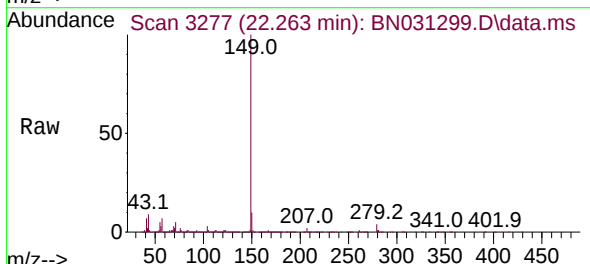
Manual Integrations  
APPROVED

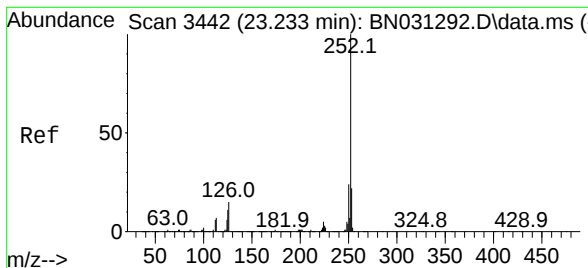
Reviewed By :Yogesh Patel 04/29/2024  
Supervised By :mohammad ahmed 04/29/2024



#89  
Di-n-octyl phthalate  
Concen: 48.482 ng/ul  
RT: 22.263 min Scan# 3277  
Delta R.T. 0.000 min  
Lab File: BN031299.D  
Acq: 28 Apr 2024 10:33

Tgt Ion:149 Resp: 4322613





#90

Benzo(b)fluoranthene

Concen: 41.738 ng/ul

RT: 23.233 min Scan# 3442

Delta R.T. 0.000 min

Lab File: BN031299.D

Acq: 28 Apr 2024 10:33

Instrument :

BNA\_N

ClientSampleId :

E1CX4MSD

Tgt Ion:252 Resp: 3632610

Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

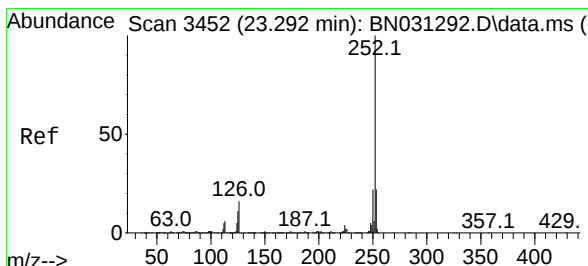
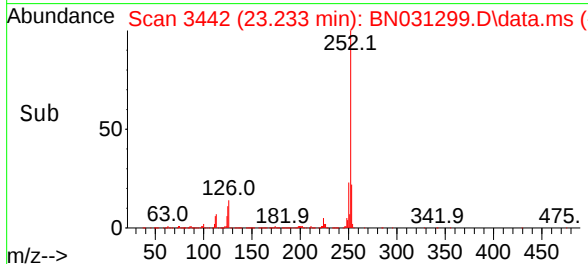
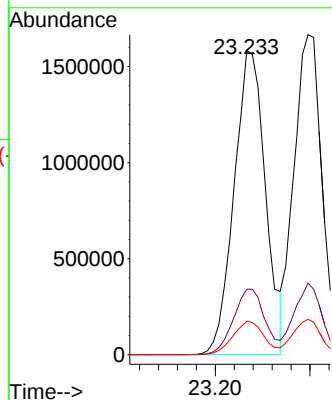
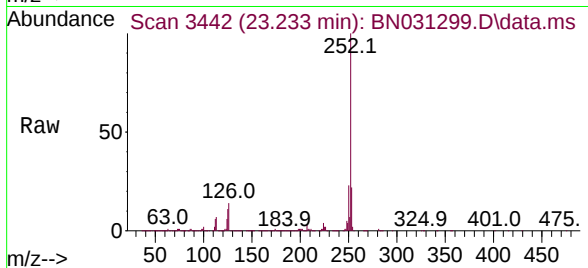
125 11.0 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/29/2024

Supervised By :mohammad ahmed 04/29/2024



#91

Benzo(k)fluoranthene

Concen: 39.262 ng/ul

RT: 23.298 min Scan# 3453

Delta R.T. 0.000 min

Lab File: BN031299.D

Acq: 28 Apr 2024 10:33

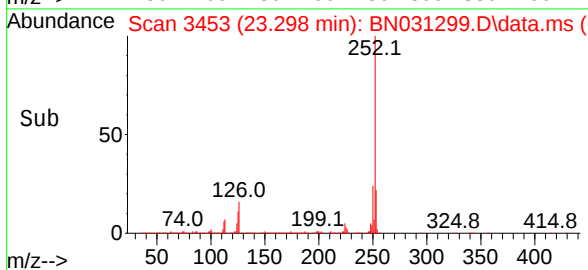
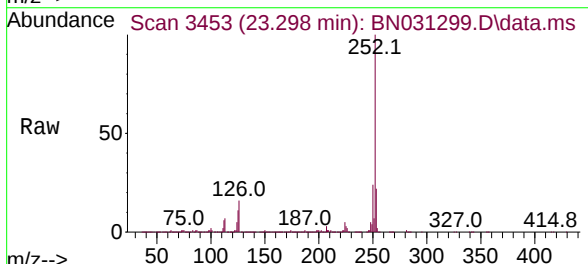
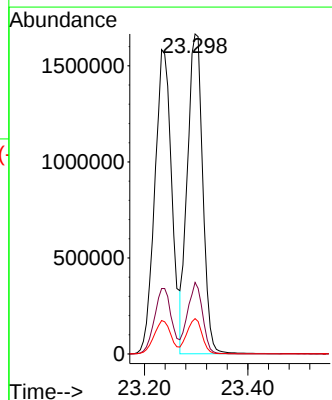
Tgt Ion:252 Resp: 3436771

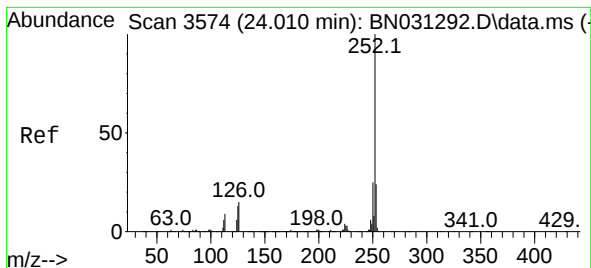
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

125 11.1 9.4 14.2





#93

Benzo(a)pyrene

Concen: 33.836 ng/ul

RT: 24.015 min Scan# 3

Delta R.T. -0.006 min

Lab File: BN031299.D

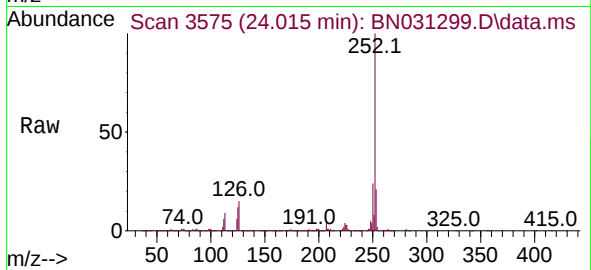
Acq: 28 Apr 2024 10:33

Instrument :

BNA\_N

ClientSampleId :

E1CX4MSD



Tgt Ion:252 Resp: 293776

Ion Ratio Lower Upper

252 100

253 20.6 17.7 26.5

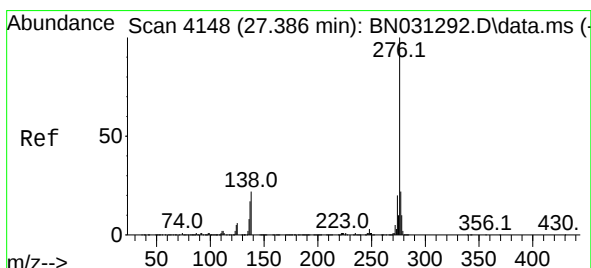
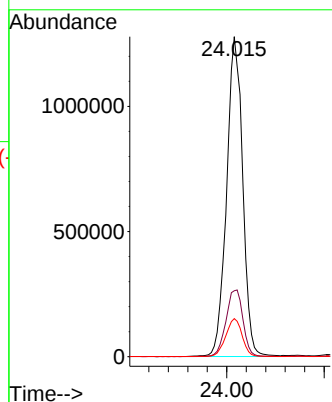
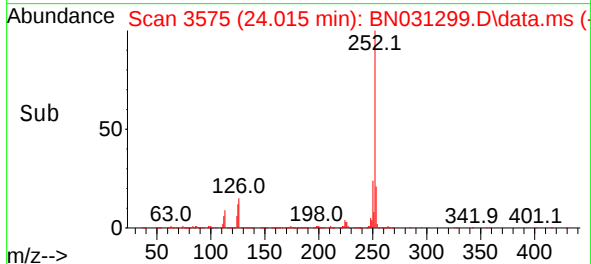
125 11.9 9.9 14.9

Manual Integrations

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Reviewed By :Yogesh Patel 04/29/2024

Supervised By :mohammad ahmed 04/29/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 34.553 ng/ul

RT: 27.398 min Scan# 4150

Delta R.T. 0.000 min

Lab File: BN031299.D

Acq: 28 Apr 2024 10:33

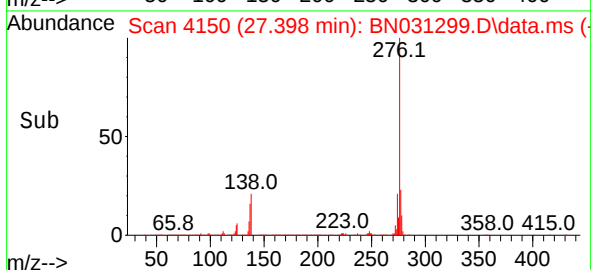
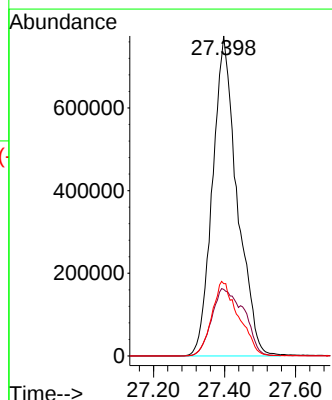
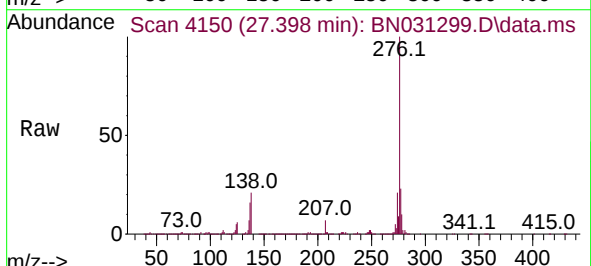
Tgt Ion:276 Resp: 3722804

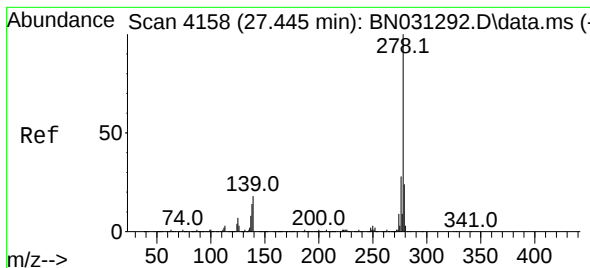
Ion Ratio Lower Upper

276 100

138 20.8 17.4 26.2

277 22.6 18.3 27.5





#95

Dibenzo(a,h)anthracene

Concen: 33.738 ng/ul

RT: 27.456 min Scan# 4158

Delta R.T. 0.000 min

Lab File: BN031299.D

Acq: 28 Apr 2024 10:33

Instrument :

BNA\_N

ClientSampleId :

E1CX4MSD

Tgt Ion:278 Resp: 298347

Ion Ratio Lower Upper

278 100

139 17.9 13.3 19.9

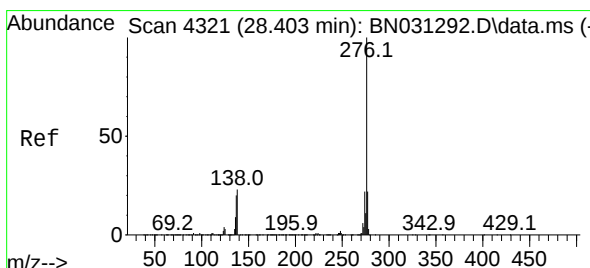
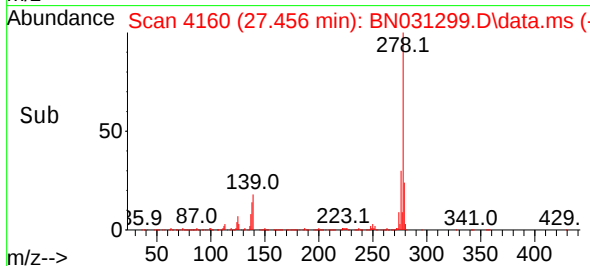
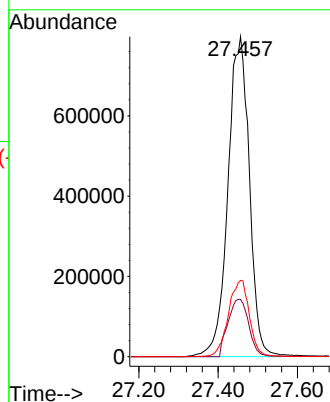
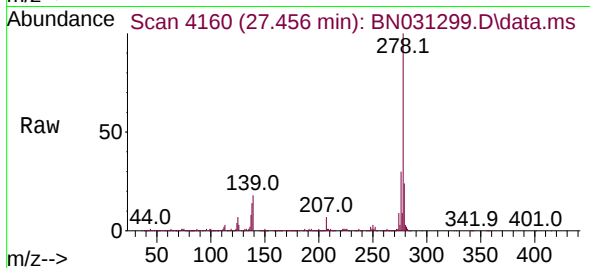
279 23.8 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/29/2024

Supervised By :mohammad ahmed 04/29/2024



#96

Benzo(g,h,i)perylene

Concen: 33.112 ng/ul

RT: 28.415 min Scan# 4323

Delta R.T. 0.006 min

Lab File: BN031299.D

Acq: 28 Apr 2024 10:33

Tgt Ion:276 Resp: 2872921

Ion Ratio Lower Upper

276 100

138 23.2 19.0 28.6

277 22.4 19.3 28.9

