

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122023\
 Data File : BF136652.D
 Acq On : 20 Dec 2023 17:30
 Operator : CG\JU
 Sample : PB157610BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157610BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023

Quant Time: Dec 21 02:17:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) | |
|-------------------------------|--------|------|----------|---------|-------|----------|-----------|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.792 | 152 | 94726 | 20.000 | ng | 0.00 | |
| 21) Naphthalene-d8 | 8.069 | 136 | 388631 | 20.000 | ng | 0.00 | |
| 39) Acenaphthene-d10 | 9.827 | 164 | 198230 | 20.000 | ng | 0.00 | |
| 64) Phenanthrene-d10 | 11.321 | 188 | 379715 | 20.000 | ng | 0.00 | |
| 76) Chrysene-d12 | 13.974 | 240 | 208632 | 20.000 | ng | 0.00 | # |
| 86) Perylene-d12 | 15.445 | 264 | 157526 | 20.000 | ng | 0.00 | |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.445 | 112 | 717224 | 118.138 | ng | 0.02 | |
| 7) Phenol-d6 | 6.445 | 99 | 881132 | 112.009 | ng | 0.00 | |
| 23) Nitrobenzene-d5 | 7.363 | 82 | 561894 | 73.985 | ng | 0.00 | |
| 42) 2,4,6-Tribromophenol | 10.627 | 330 | 261492 | 112.007 | ng | 0.00 | |
| 45) 2-Fluorobiphenyl | 9.151 | 172 | 1058450 | 71.816 | ng | 0.00 | |
| 79) Terphenyl-d14 | 12.915 | 244 | 1127136 | 75.498 | ng | 0.00 | |
| Target Compounds | | | | | | | |
| 2) 1,4-Dioxane | 2.645 | 88 | 74405 | 29.414 | ng | | Qvalue 99 |
| 3) Pyridine | 3.410 | 79 | 181985 | 29.486 | ng | | 96 |
| 4) n-Nitrosodimethylamine | 3.375 | 42 | 136958 | 41.554 | ng | | 95 |
| 6) Aniline | 6.457 | 93 | 204356 | 25.983 | ng | # | 1 |
| 8) 2-Chlorophenol | 6.580 | 128 | 284238 | 42.783 | ng | | 98 |
| 9) Benzaldehyde | 6.345 | 77 | 73797 | 16.493 | ng | | 98 |
| 10) Phenol | 6.457 | 94 | 326203 | 38.844 | ng | | 91 |
| 11) bis(2-Chloroethyl)ether | 6.533 | 93 | 264883 | 41.476 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.733 | 146 | 279038 | 38.500 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.810 | 146 | 280310 | 37.852 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 6.963 | 146 | 269544 | 39.116 | ng | | 98 |
| 15) Benzyl Alcohol | 6.945 | 79 | 228672 | 43.088 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.069 | 45 | 430047 | 41.187 | ng | | 97 |
| 17) 2-Methylphenol | 7.057 | 107 | 225264 | 40.928 | ng | | 98 |
| 18) Hexachloroethane | 7.298 | 117 | 103645 | 38.538 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 7.216 | 70 | 193445 | 40.566 | ng | | 96 |
| 20) 3+4-Methylphenols | 7.210 | 107 | 269154 | 39.143 | ng | # | 77 |
| 22) Acetophenone | 7.204 | 105 | 383501 | 39.370 | ng | | 99 |
| 24) Nitrobenzene | 7.380 | 77 | 292873 | 38.496 | ng | | 95 |
| 25) Isophorone | 7.616 | 82 | 533317 | 38.592 | ng | | 99 |
| 26) 2-Nitrophenol | 7.692 | 139 | 147483 | 40.518 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 7.733 | 122 | 225029 | 50.780 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.827 | 93 | 328858 | 39.149 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 7.933 | 162 | 225228 | 39.478 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.010 | 180 | 242312 | 38.120 | ng | | 98 |
| 31) Naphthalene | 8.092 | 128 | 807597 | 37.826 | ng | | 100 |
| 32) Benzoic acid | 7.880 | 122 | 180073 | 41.997 | ng | | 97 |
| 33) 4-Chloroaniline | 8.145 | 127 | 194184 | 24.633 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.204 | 225 | 139027 | 35.998 | ng | | 98 |
| 35) Caprolactam | 8.527 | 113 | 76678m | 40.741 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.639 | 107 | 253485 | 39.467 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.786 | 142 | 515848 | 37.542 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.886 | 142 | 487821 | 36.187 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 8.951 | 216 | 236111 | 38.460 | ng | | 97 |
| 41) Hexachlorocyclopentadiene | 8.933 | 237 | 191741 | 96.857 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 9.069 | 196 | 159809 | 40.590 | ng | | 98 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol | 9.116 | 196 | 176257 | 40.174 | ng | # 93 |
| 46) 1,1'-Biphenyl | 9.251 | 154 | 642564 | 38.628 | ng | 99 |
| 47) 2-Chloronaphthalene | 9.274 | 162 | 480890 | 38.028 | ng | 100 |
| 48) 2-Nitroaniline | 9.374 | 65 | 165034 | 41.675 | ng | 99 |
| 49) Acenaphthylene | 9.692 | 152 | 770477 | 39.861 | ng | 99 |
| 50) Dimethylphthalate | 9.557 | 163 | 582465 | 40.228 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 9.621 | 165 | 125598 | 38.221 | ng | 88 |
| 52) Acenaphthene | 9.863 | 154 | 460956 | 38.472 | ng | 99 |
| 53) 3-Nitroaniline | 9.792 | 138 | 113944 | 32.733 | ng | 94 |
| 54) 2,4-Dinitrophenol | 9.904 | 184 | 151802 | 83.196 | ng | # 87 |
| 55) Dibenzofuran | 10.039 | 168 | 692089 | 38.105 | ng | 99 |
| 56) 4-Nitrophenol | 9.969 | 139 | 198066 | 84.288 | ng | 94 |
| 57) 2,4-Dinitrotoluene | 10.027 | 165 | 163684 | 38.370 | ng | 94 |
| 58) Fluorene | 10.380 | 166 | 558107 | 38.727 | ng | 97 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.157 | 232 | 149065 | 44.137 | ng | 99 |
| 60) Diethylphthalate | 10.263 | 149 | 591158 | 39.350 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.374 | 204 | 257911 | 36.819 | ng | 96 |
| 62) 4-Nitroaniline | 10.416 | 138 | 124776m | 37.183 | ng | |
| 63) Azobenzene | 10.533 | 77 | 549620 | 39.170 | ng | 98 |
| 65) 4,6-Dinitro-2-methylph... | 10.439 | 198 | 95087 | 43.695 | ng | 96 |
| 66) n-Nitrosodiphenylamine | 10.498 | 169 | 502343 | 40.725 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 10.863 | 248 | 165157 | 39.164 | ng | 99 |
| 68) Hexachlorobenzene | 10.927 | 284 | 181454 | 38.612 | ng | 96 |
| 69) Atrazine | 11.027 | 200 | 126787 | 40.187 | ng | 99 |
| 70) Pentachlorophenol | 11.127 | 266 | 164464 | 75.081 | ng | 96 |
| 71) Phenanthrene | 11.345 | 178 | 796533 | 40.883 | ng | 99 |
| 72) Anthracene | 11.398 | 178 | 799049 | 40.496 | ng | 99 |
| 73) Carbazole | 11.557 | 167 | 739195 | 39.735 | ng | 99 |
| 74) Di-n-butylphthalate | 11.886 | 149 | 925185 | 40.756 | ng | 99 |
| 75) Fluoranthene | 12.539 | 202 | 823800 | 39.529 | ng | 99 |
| 77) Benzidine | 12.662 | 184 | 31998 | 5.202 | ng | 97 |
| 78) Pyrene | 12.768 | 202 | 825723 | 40.317 | ng | 100 |
| 80) Butylbenzylphthalate | 13.392 | 149 | 323712 | 43.438 | ng | 99 |
| 81) Benzo(a)anthracene | 13.962 | 228 | 579726 | 40.016 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 13.927 | 252 | 164122 | 39.891 | ng | 100 |
| 83) Chrysene | 13.998 | 228 | 553716 | 39.085 | ng | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 13.951 | 149 | 398791 | 42.531 | ng | 99 |
| 85) Di-n-octyl phthalate | 14.568 | 149 | 618738 | 42.660 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 16.950 | 276 | 554947 | 48.793 | ng | 99 |
| 88) Benzo(b)fluoranthene | 15.015 | 252 | 467428 | 44.427 | ng | 99 |
| 89) Benzo(k)fluoranthene | 15.045 | 252 | 463212 | 46.593 | ng | 99 |
| 90) Benzo(a)pyrene | 15.386 | 252 | 406794 | 45.805 | ng | 98 |
| 91) Dibenzo(a,h)anthracene | 16.974 | 278 | 463520 | 49.676 | ng | 97 |
| 92) Benzo(g,h,i)perylene | 17.409 | 276 | 461370 | 48.277 | ng | 99 |

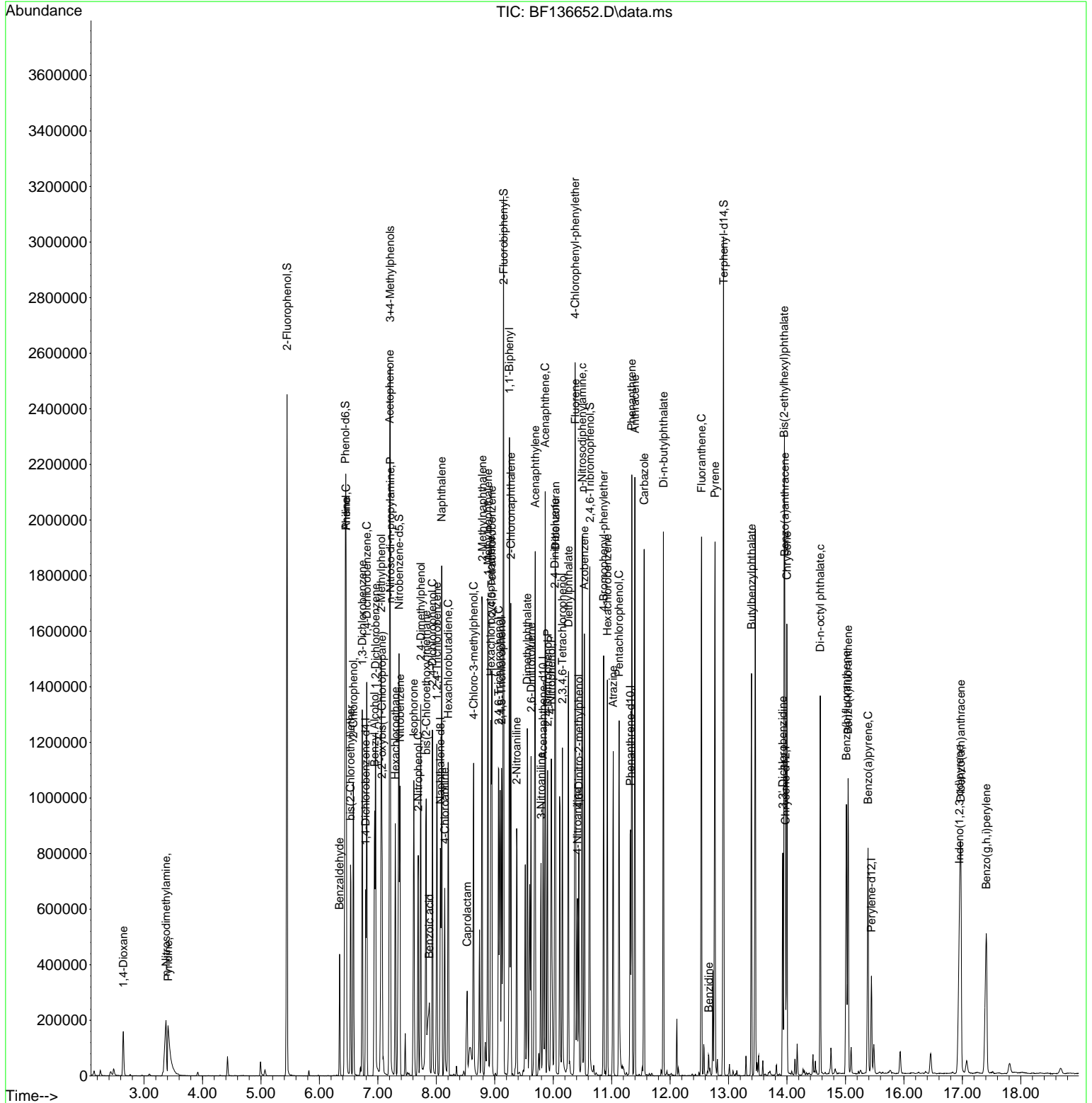
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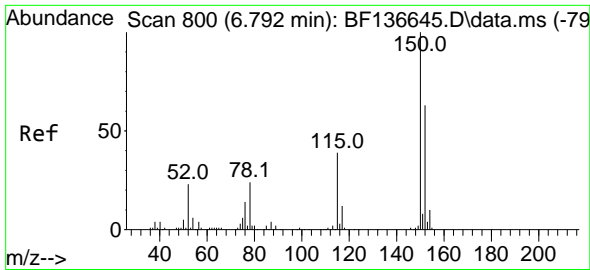
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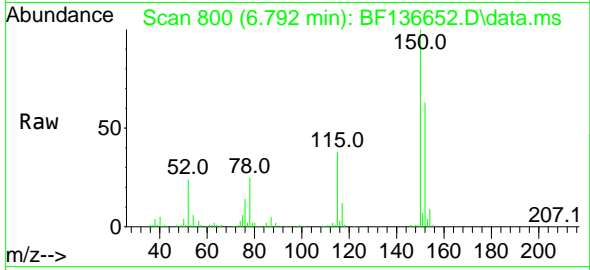
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

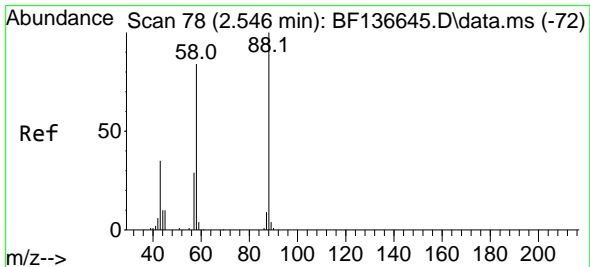
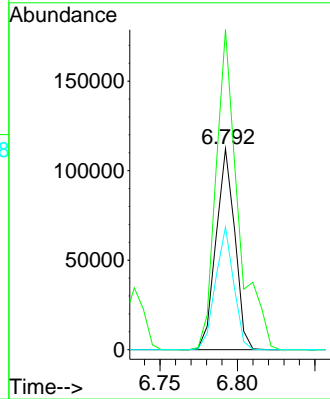
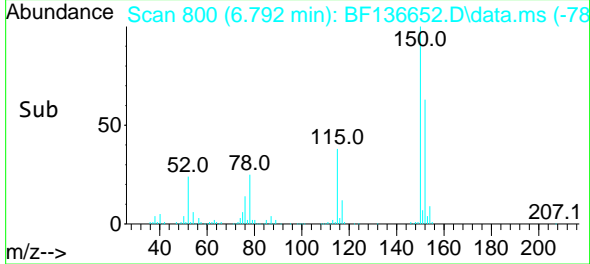
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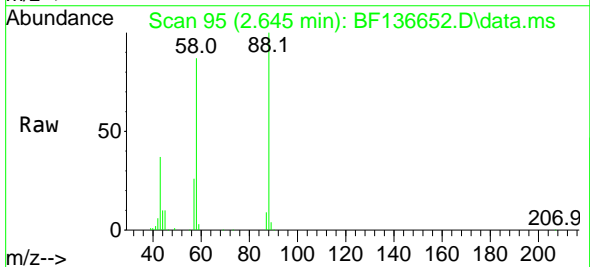
Tgt Ion: 152 Resp: 94720
 Ion Ratio Lower Upper
 152 100
 150 159.3 127.0 190.6
 115 61.0 49.0 73.4

Manual Integrations
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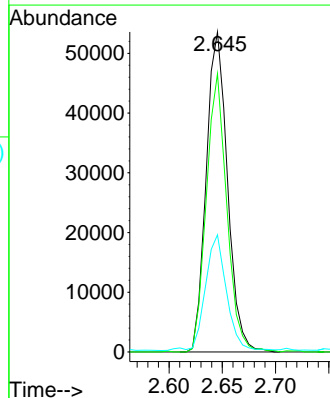
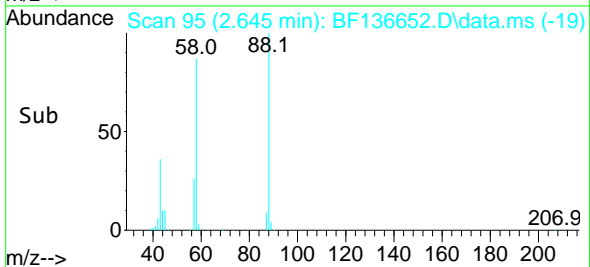
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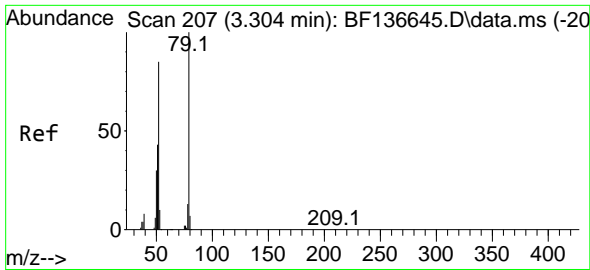


#2
 1,4-Dioxane
 Concen: 29.414 ng
 RT: 2.645 min Scan# 95
 Delta R.T. 0.100 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30



Tgt Ion: 88 Resp: 74405
 Ion Ratio Lower Upper
 88 100
 58 83.7 67.4 101.0
 43 35.8 27.7 41.5





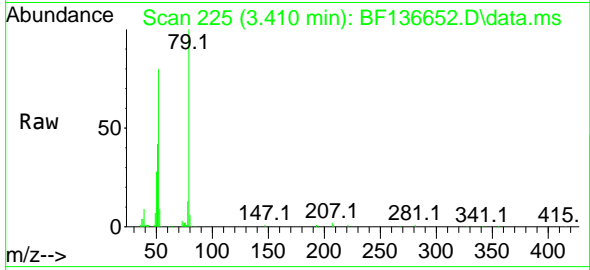
#3
 Pyridine
 Concen: 29.486 ng
 RT: 3.410 min Scan# 219
 Delta R.T. 0.106 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

Client SampleID :

PB157610BS



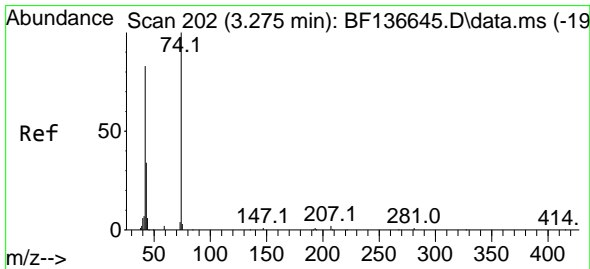
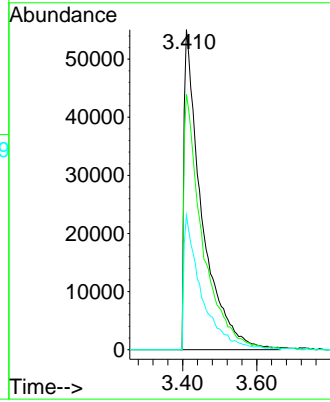
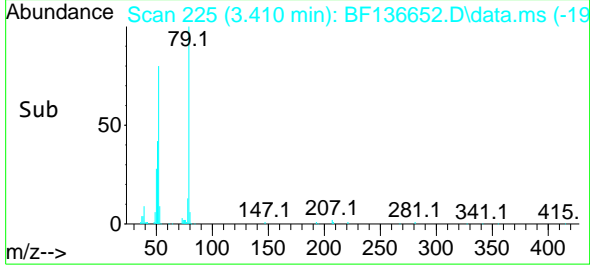
Tgt Ion: 79 Resp: 181988
 Ion Ratio Lower Upper
 79 100
 52 79.8 67.7 101.5
 51 42.0 34.0 51.0

Manual Integrations

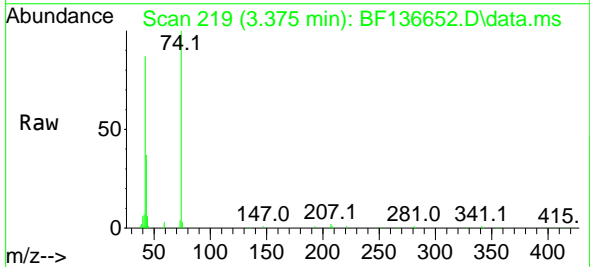
APPROVED

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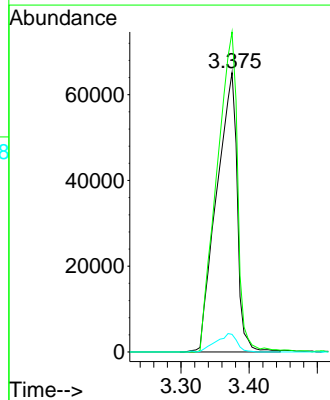
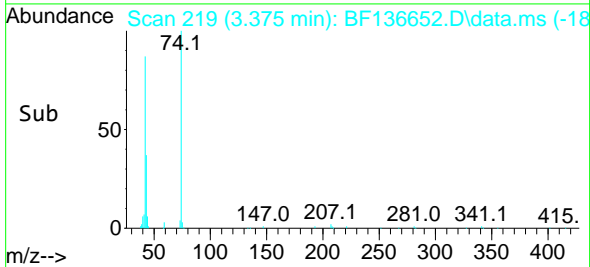
Supervised By :mohammad ahmed 12/21/2023

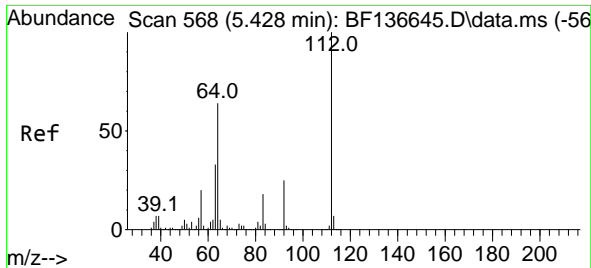


#4
 n-Nitrosodimethylamine
 Concen: 41.554 ng
 RT: 3.375 min Scan# 219
 Delta R.T. 0.100 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30



Tgt Ion: 42 Resp: 136958
 Ion Ratio Lower Upper
 42 100
 74 114.6 96.0 144.0
 44 6.3 5.4 8.2





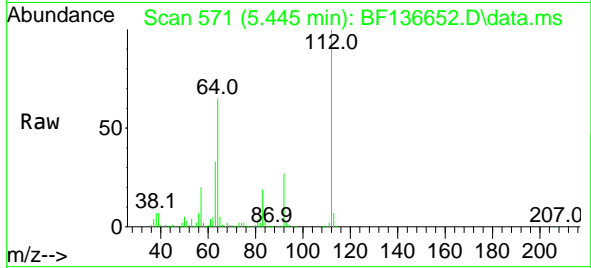
#5
 2-Fluorophenol
 Concen: 118.138 ng
 RT: 5.445 min Scan# 51
 Delta R.T. 0.018 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

ClientSampleId :

PB157610BS

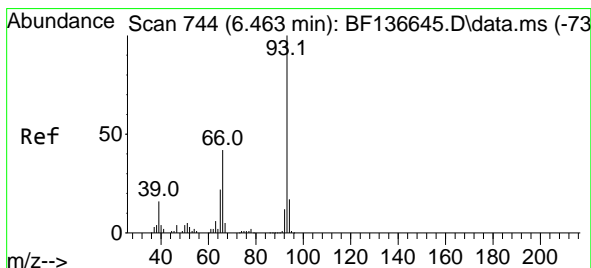
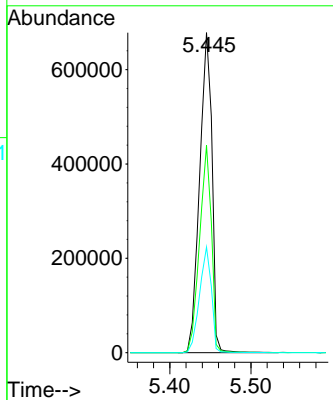
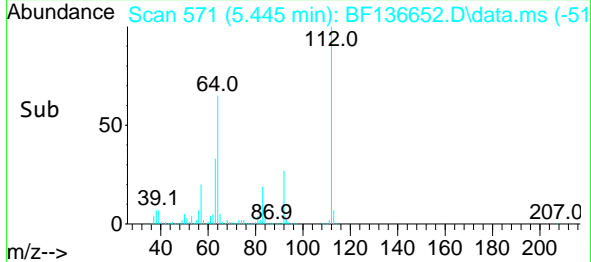


Tgt Ion:112 Resp: 717224
 Ion Ratio Lower Upper
 112 100
 64 64.7 51.1 76.7
 63 33.0 26.1 39.1

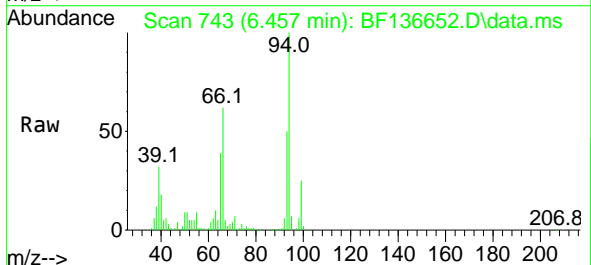
Manual Integrations

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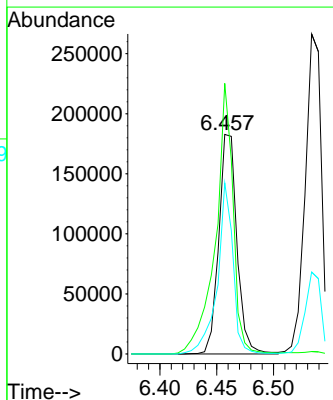
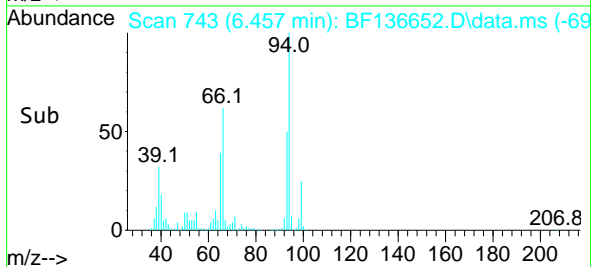
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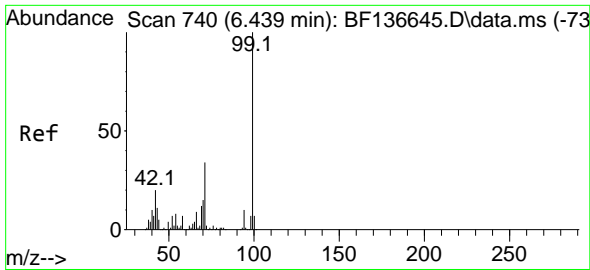


#6
 Aniline
 Concen: 25.983 ng
 RT: 6.457 min Scan# 743
 Delta R.T. -0.006 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30



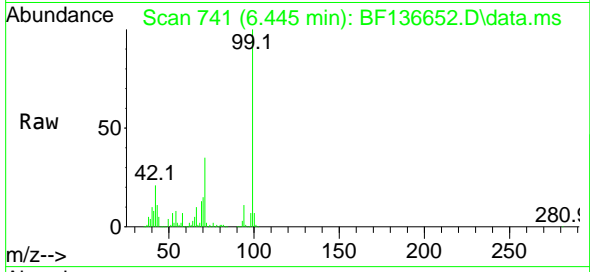
Tgt Ion: 93 Resp: 204356
 Ion Ratio Lower Upper
 93 100
 66 123.3 34.6 51.8#
 65 78.0 17.8 26.8#





#7
 Phenol-d6
 Concen: 112.009 ng
 RT: 6.445 min Scan# 740
 Delta R.T. 0.006 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

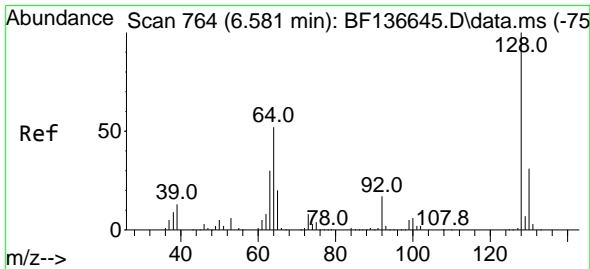
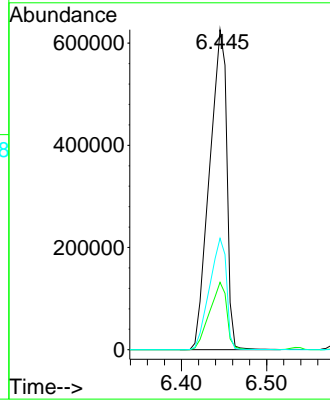
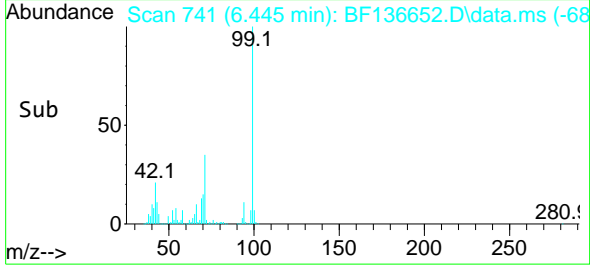
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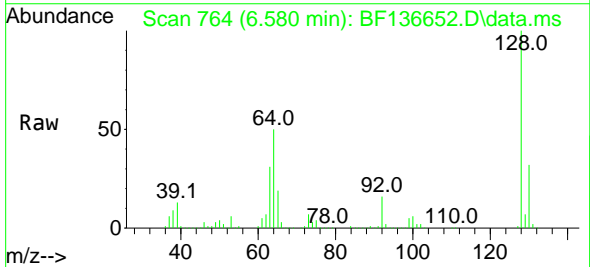
Tgt Ion: 99 Resp: 88113
 Ion Ratio Lower Upper
 99 100
 42 21.0 16.1 24.1
 71 34.8 27.4 41.2

Manual Integrations
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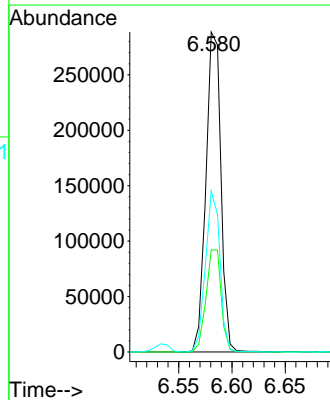
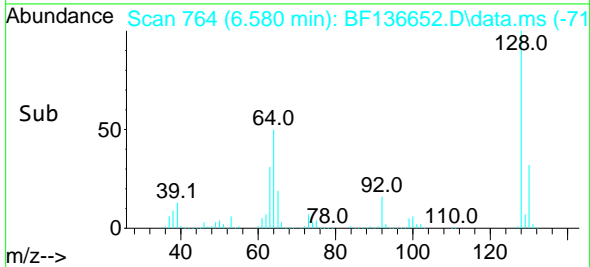
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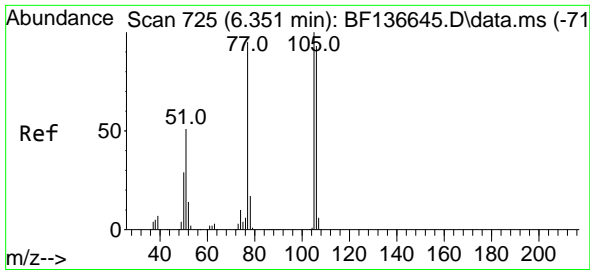


#8
 2-Chlorophenol
 Concen: 42.783 ng
 RT: 6.580 min Scan# 764
 Delta R.T. -0.000 min
 Lab File: BF136652.D
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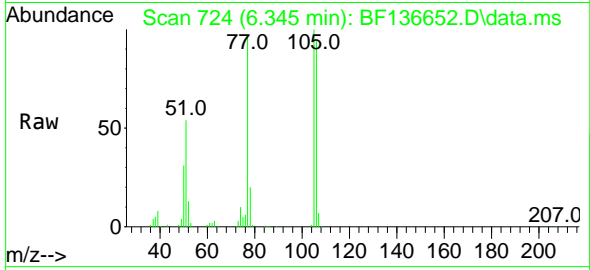
Tgt Ion:128 Resp: 284238
 Ion Ratio Lower Upper
 128 100
 130 31.9 11.3 51.3
 64 50.2 32.5 72.5





#9
Benzaldehyde
Concen: 16.493 ng
RT: 6.345 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136652.D
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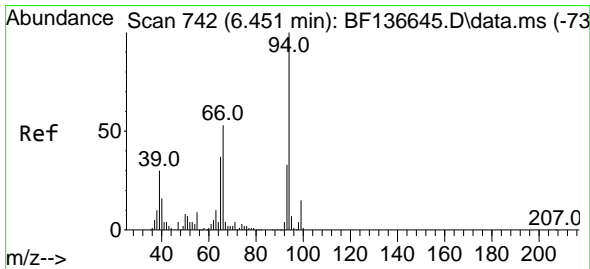
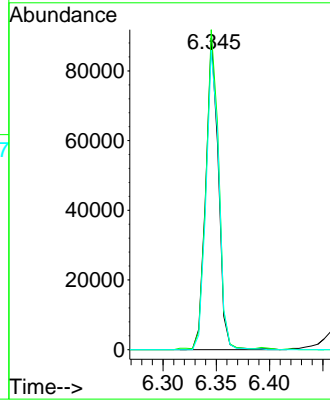
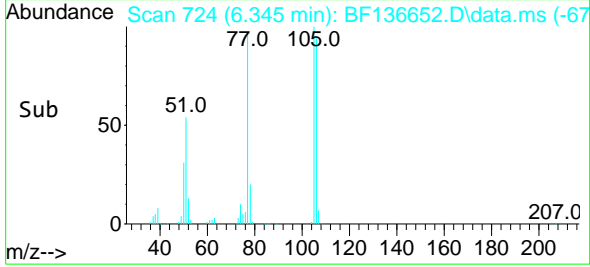
Instrument :
BNA_F
Client Sample Id :
PB157610BS



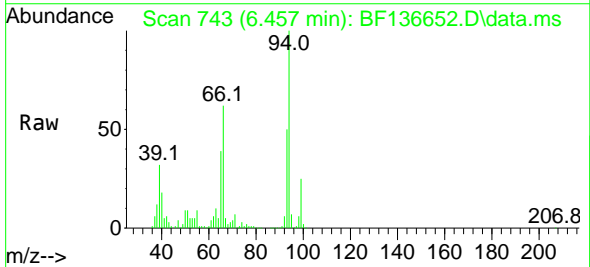
Tgt Ion: 77 Resp: 7379
Ion Ratio Lower Upper
77 100
105 102.7 84.8 124.8
106 96.1 77.8 117.8

Manual Integrations
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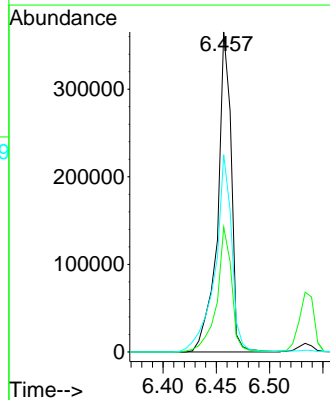
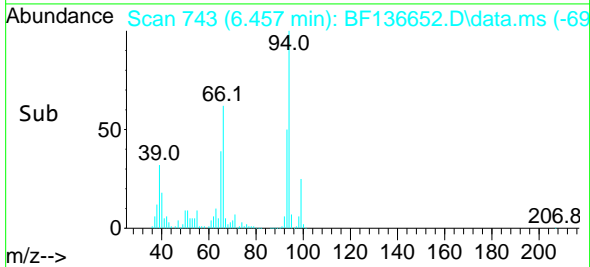
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

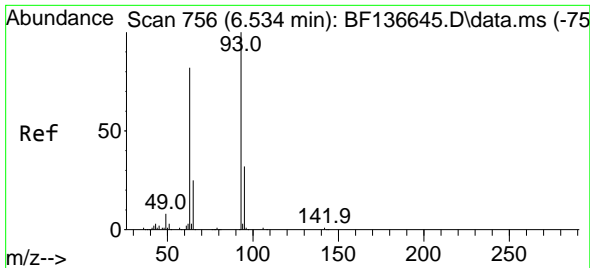


#10
Phenol
Concen: 38.844 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30



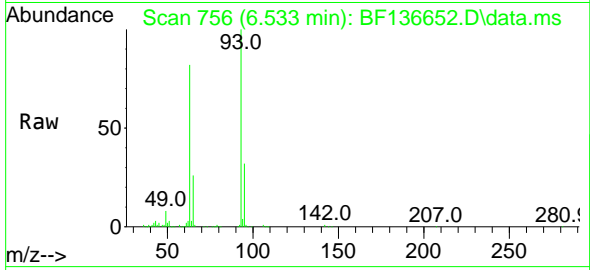
Tgt Ion: 94 Resp: 326203
Ion Ratio Lower Upper
94 100
65 39.0 16.6 56.6
66 61.7 32.6 72.6





#11
 bis(2-Chloroethyl)ether
 Concen: 41.476 ng
 RT: 6.533 min Scan# 710
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

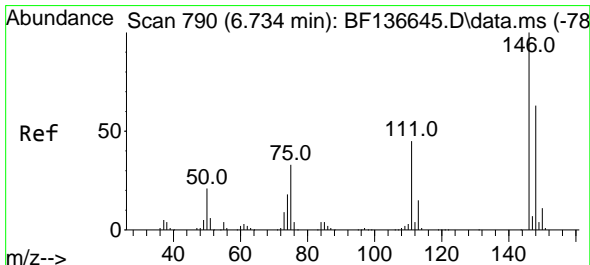
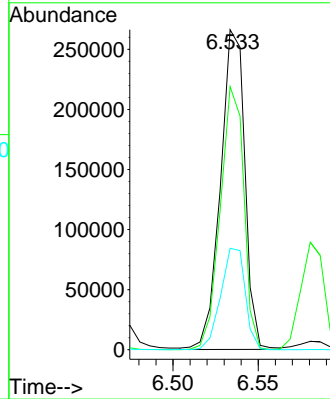
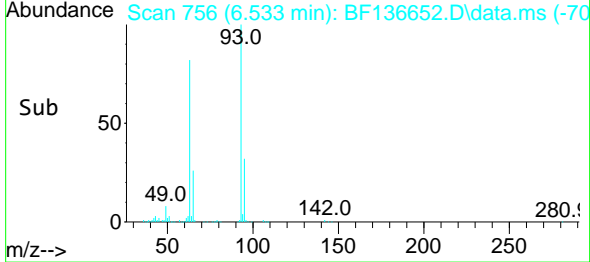
Instrument : BNA_F
 Client Sample ID : PB157610BS



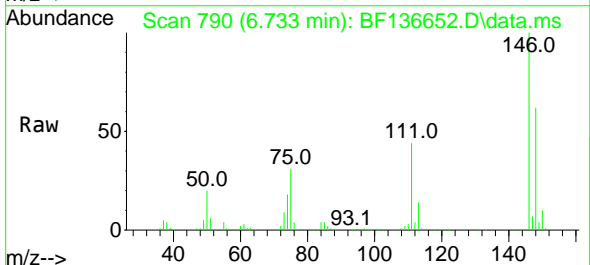
Tgt Ion: 93 Resp: 26488
 Ion Ratio Lower Upper
 93 100
 63 82.2 61.2 101.2
 95 31.7 11.6 51.6

Manual Integrations
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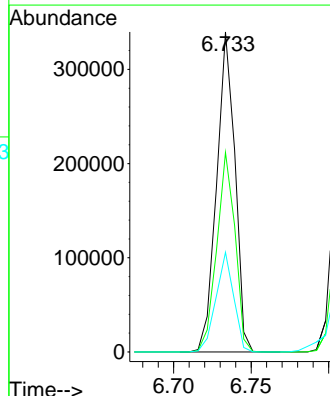
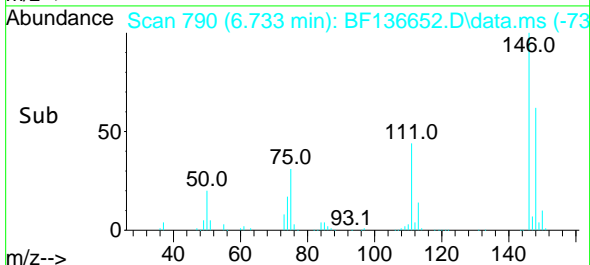
Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023

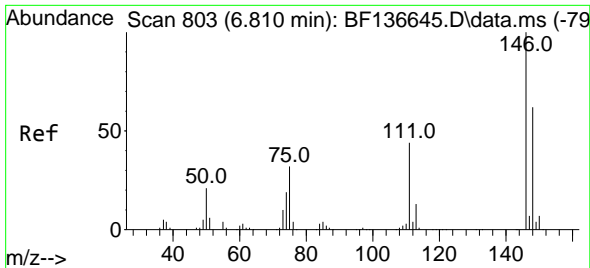


#12
 1,3-Dichlorobenzene
 Concen: 38.500 ng
 RT: 6.733 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30



Tgt Ion:146 Resp: 279038
 Ion Ratio Lower Upper
 146 100
 148 62.4 50.5 75.7
 75 31.1 26.2 39.4





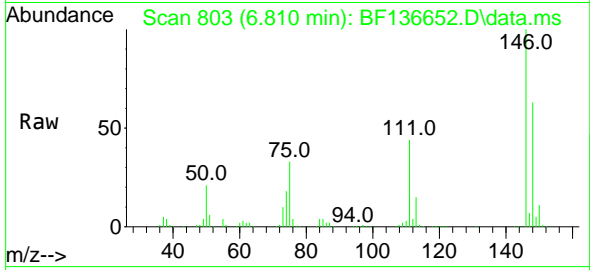
#13
 1,4-Dichlorobenzene
 Concen: 37.852 ng
 RT: 6.810 min Scan# 803
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

Client SampleID :

PB157610BS

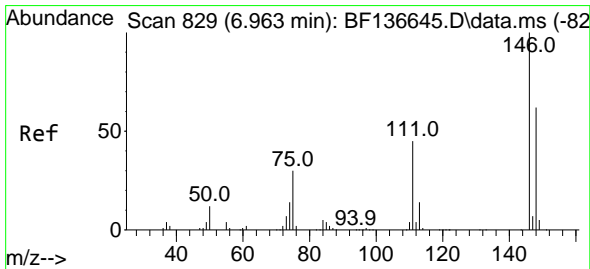
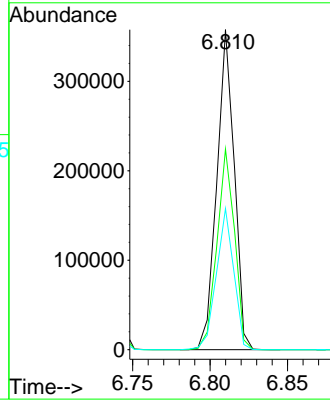
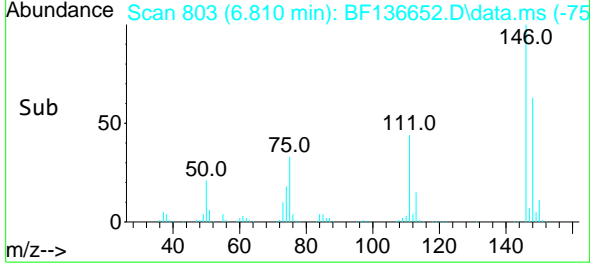


Tgt Ion:146 Resp: 280310
 Ion Ratio Lower Upper
 146 100
 148 62.7 49.2 73.8
 111 44.1 35.2 52.8

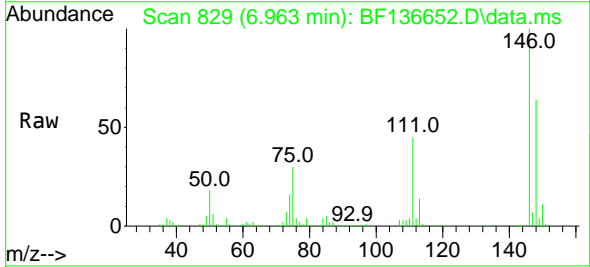
Manual Integrations

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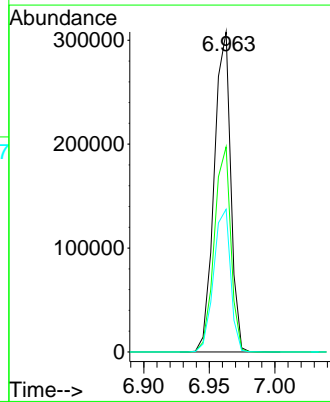
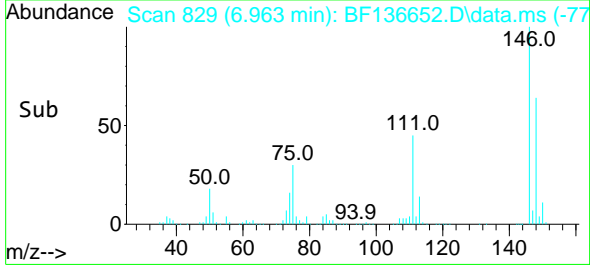
Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023

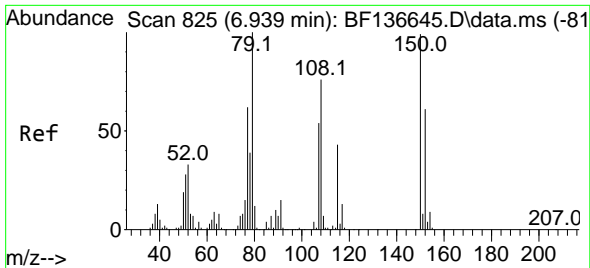


#14
 1,2-Dichlorobenzene
 Concen: 39.116 ng
 RT: 6.963 min Scan# 829
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30



Tgt Ion:146 Resp: 269544
 Ion Ratio Lower Upper
 146 100
 148 64.1 49.6 74.4
 111 44.6 36.2 54.2





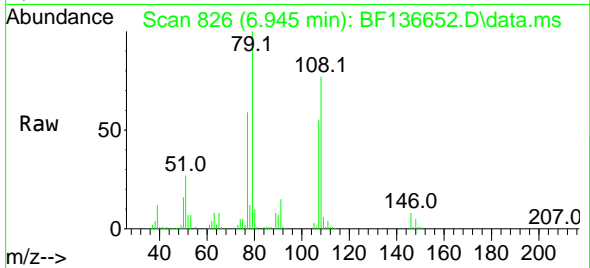
#15
 Benzyl Alcohol
 Concen: 43.088 ng
 RT: 6.945 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

Client Sample Id :

PB157610BS

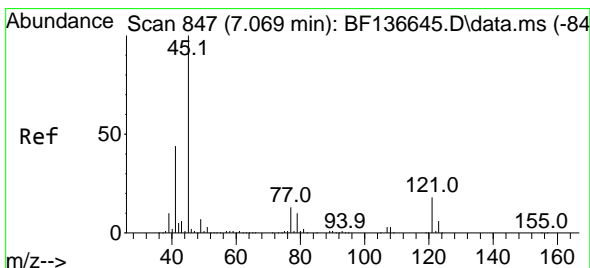
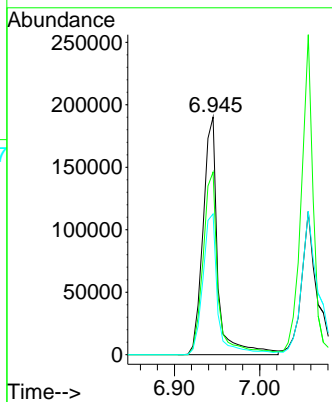
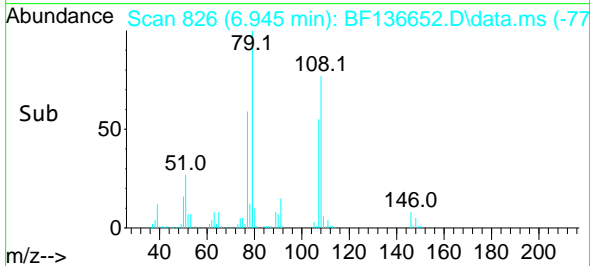


Tgt Ion: 79 Resp: 228672
 Ion Ratio Lower Upper
 79 100
 108 76.8 61.0 91.6
 77 59.3 49.8 74.8

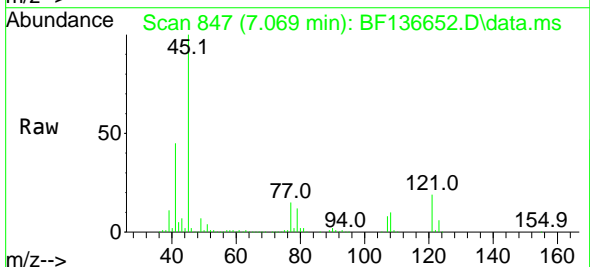
Manual Integrations

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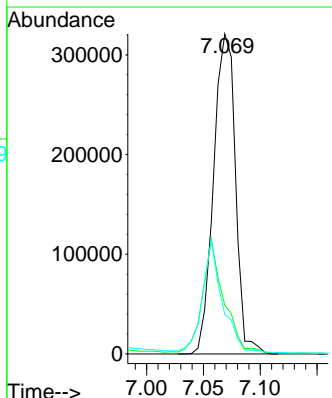
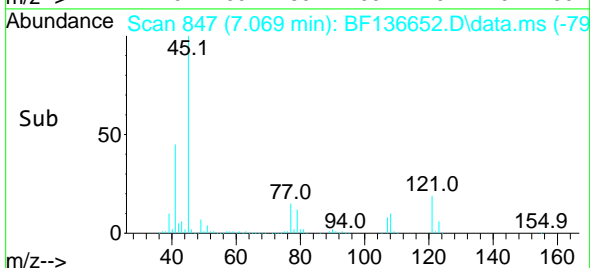
Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023

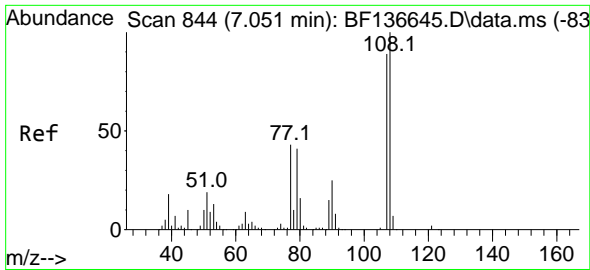


#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 41.187 ng
 RT: 7.069 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30



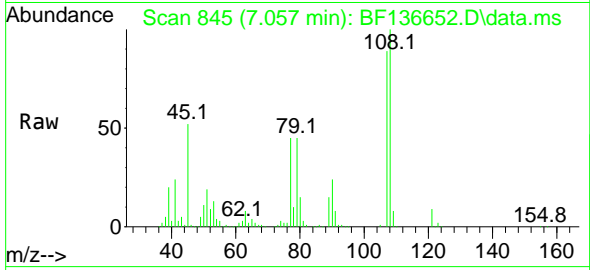
Tgt Ion: 45 Resp: 430047
 Ion Ratio Lower Upper
 45 100
 77 15.3 0.0 34.3
 79 12.4 0.0 31.4





#17
 2-Methylphenol
 Concen: 40.928 ng
 RT: 7.057 min Scan# 845
 Delta R.T. 0.006 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

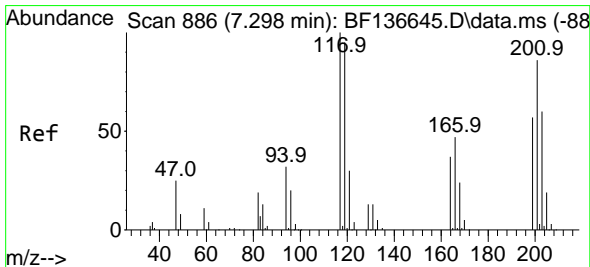
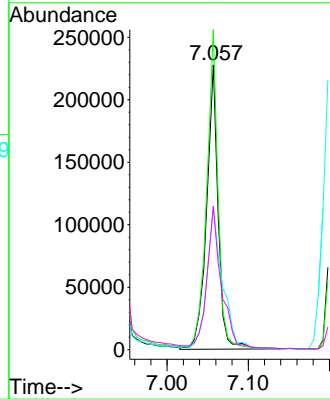
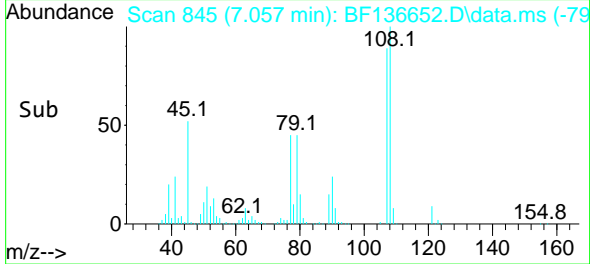
Instrument :
 BNA_F
 ClientSampleId :
 PB157610BS



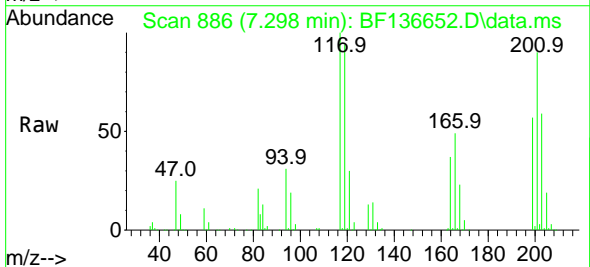
Tgt Ion:107 Resp: 225264
 Ion Ratio Lower Upper
 107 100
 108 112.4 90.3 135.5
 77 50.4 38.7 58.1
 79 50.3 37.8 56.6

Manual Integrations
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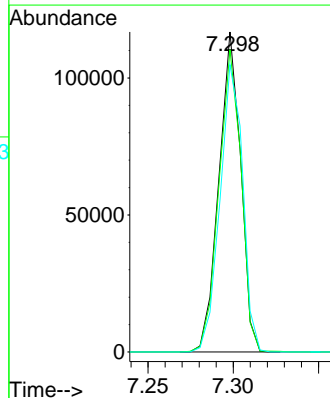
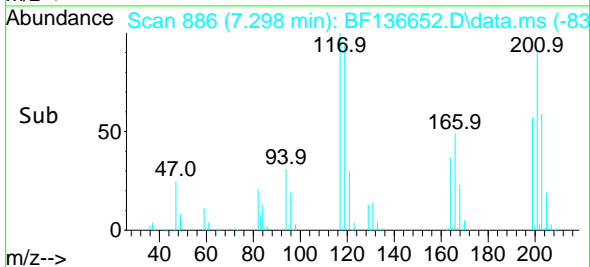
Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023

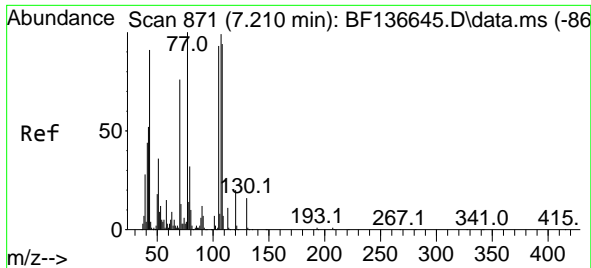


#18
 Hexachloroethane
 Concen: 38.538 ng
 RT: 7.298 min Scan# 886
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30



Tgt Ion:117 Resp: 103645
 Ion Ratio Lower Upper
 117 100
 119 94.4 75.8 113.6
 201 89.8 69.1 103.7





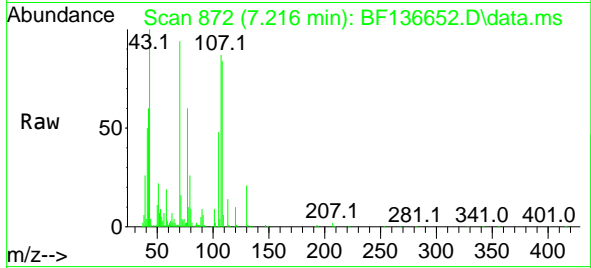
#19
 n-Nitroso-di-n-propylamine
 Concen: 40.566 ng
 RT: 7.216 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

ClientSampleId :

PB157610BS

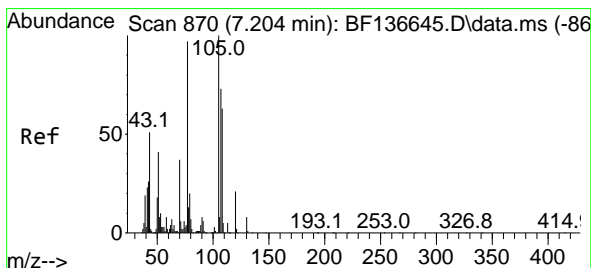
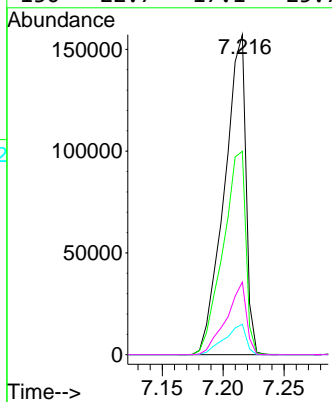
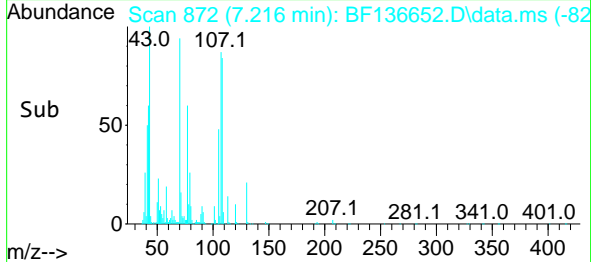


Tgt Ion: 70 Resp: 19344
 Ion Ratio Lower Upper
 70 100
 42 63.6 54.2 81.4
 101 9.5 7.6 11.4
 130 22.7 17.1 25.7

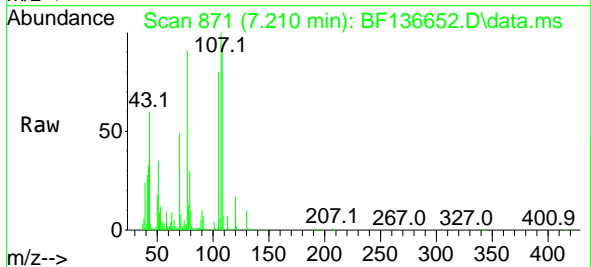
Manual Integrations

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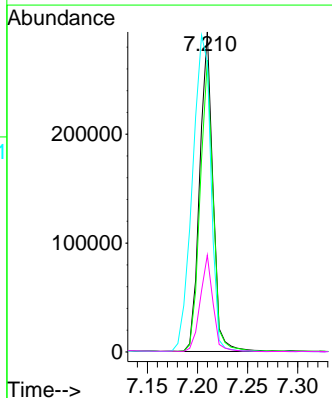
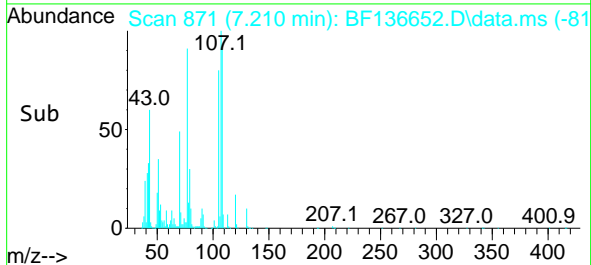
Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023

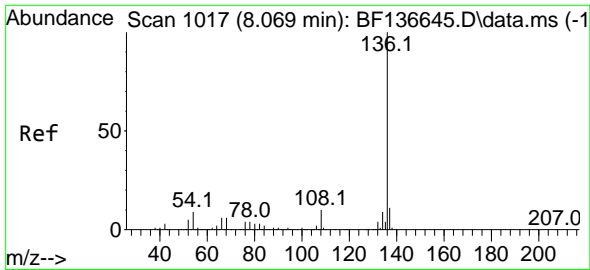


#20
 3+4-Methylphenols
 Concen: 39.143 ng
 RT: 7.210 min Scan# 871
 Delta R.T. 0.006 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30



Tgt Ion:107 Resp: 269154
 Ion Ratio Lower Upper
 107 100
 108 91.2 66.0 106.0
 77 90.6 114.2 154.2#
 79 30.3 7.2 47.2





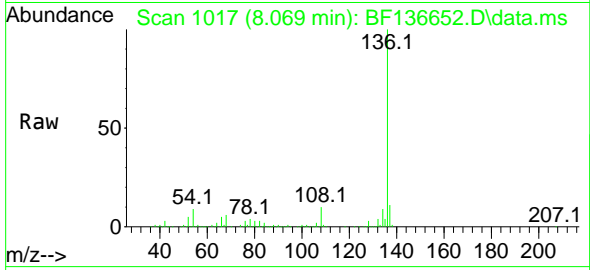
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.069 min Scan# 1017
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

ClientSampleId :

PB157610BS



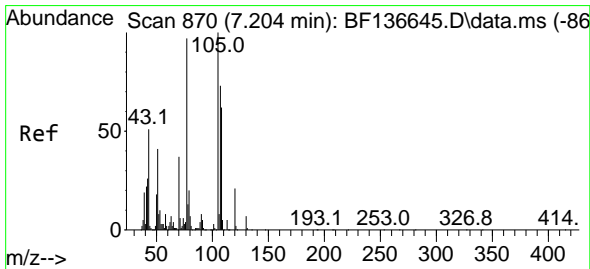
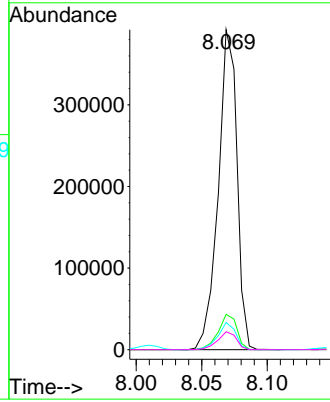
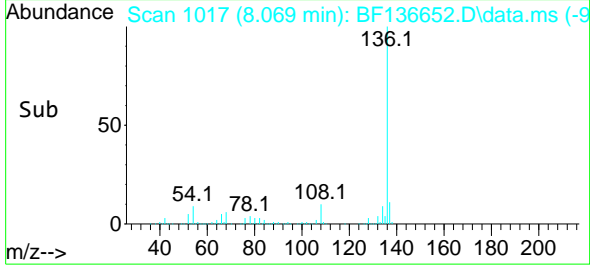
Tgt Ion:136 Resp: 38863
 Ion Ratio Lower Upper
 136 100
 137 11.0 9.0 13.4
 54 8.5 7.2 10.8
 68 5.6 4.9 7.3

Manual Integrations

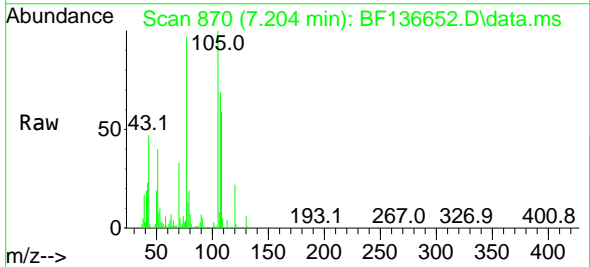
APPROVED

Reviewed By :Yogesh Patel 12/21/2023

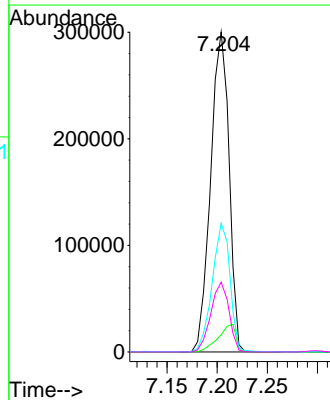
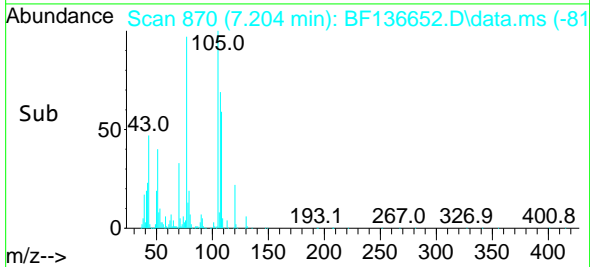
Supervised By :mohammad ahmed 12/21/2023

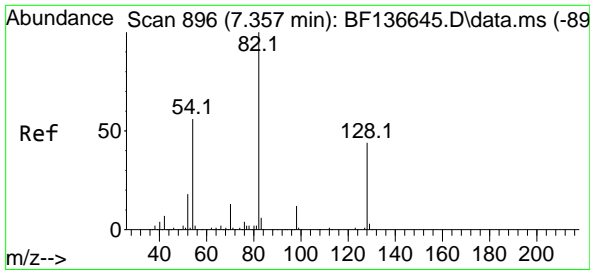


#22
 Acetophenone
 Concen: 39.370 ng
 RT: 7.204 min Scan# 870
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30



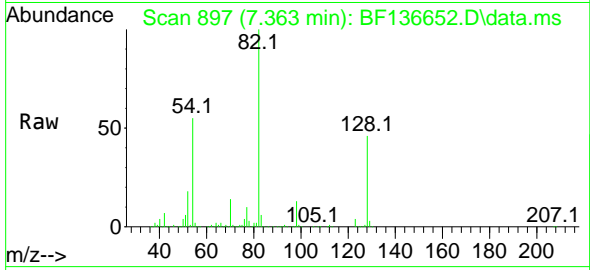
Tgt Ion:105 Resp: 383501
 Ion Ratio Lower Upper
 105 100
 71 5.4 4.8 7.2
 51 40.2 32.8 49.2
 120 21.8 17.0 25.6





#23
 Nitrobenzene-d5
 Concen: 73.985 ng
 RT: 7.363 min Scan# 896
 Delta R.T. 0.006 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

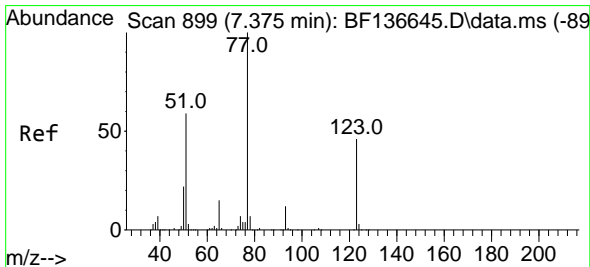
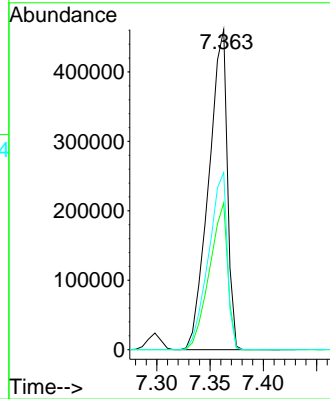
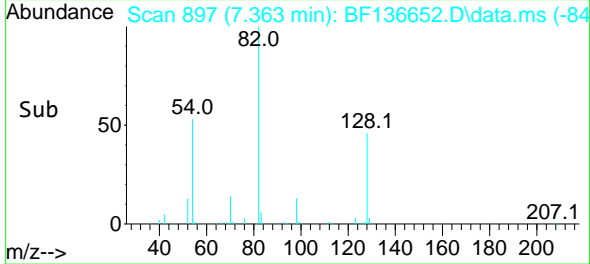
Instrument :
 BNA_F
 ClientSampleID :
 PB157610BS



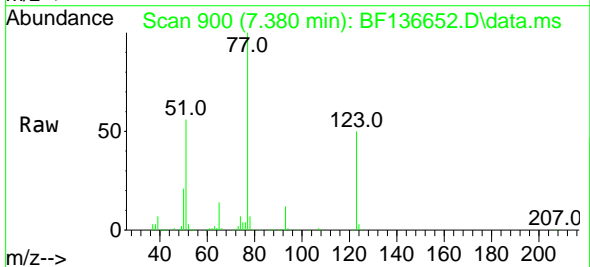
Tgt Ion: 82 Resp: 561894
 Ion Ratio Lower Upper
 82 100
 128 45.8 35.3 52.9
 54 55.4 44.5 66.7

Manual Integrations
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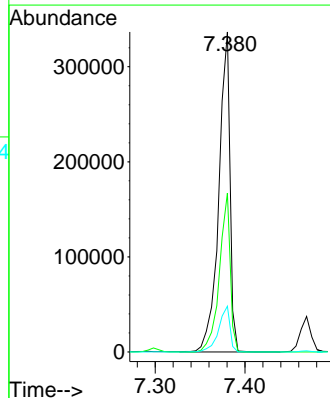
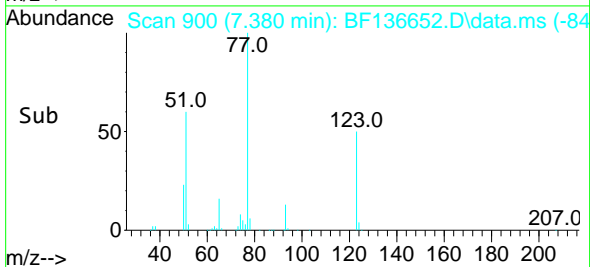
Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023

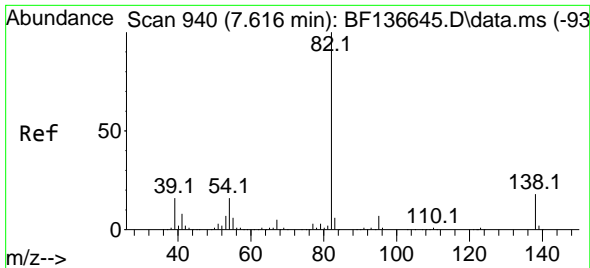


#24
 Nitrobenzene
 Concen: 38.496 ng
 RT: 7.380 min Scan# 900
 Delta R.T. 0.006 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30



Tgt Ion: 77 Resp: 292873
 Ion Ratio Lower Upper
 77 100
 123 49.6 36.7 55.1
 65 14.3 11.8 17.6





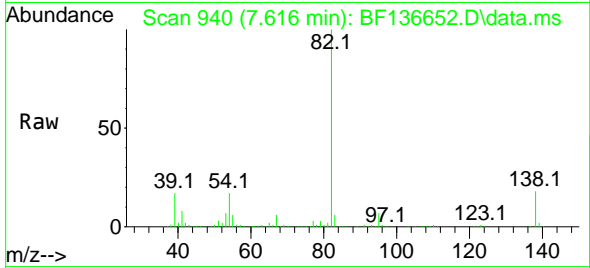
#25
 Isophorone
 Concen: 38.592 ng
 RT: 7.616 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

Client SampleId :

PB157610BS

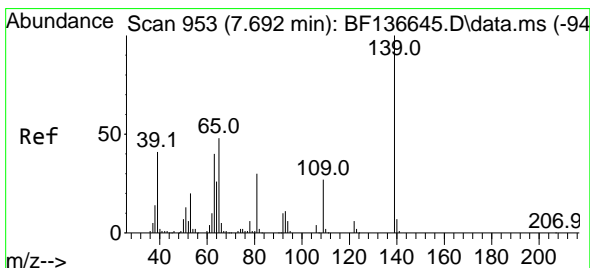
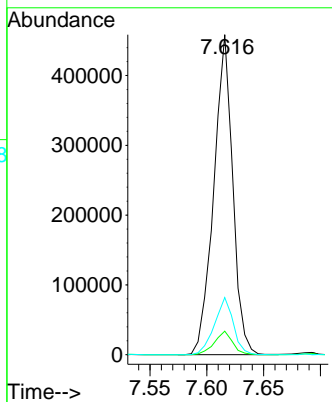
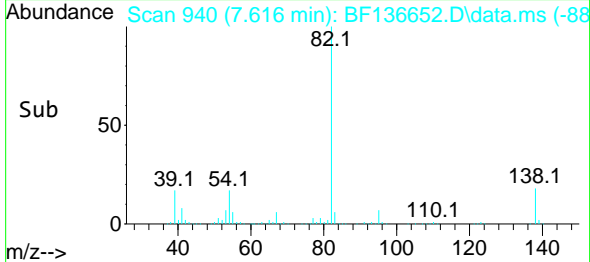


Tgt Ion: 82 Resp: 53331
 Ion Ratio Lower Upper
 82 100
 95 7.4 5.5 8.3
 138 17.9 14.5 21.7

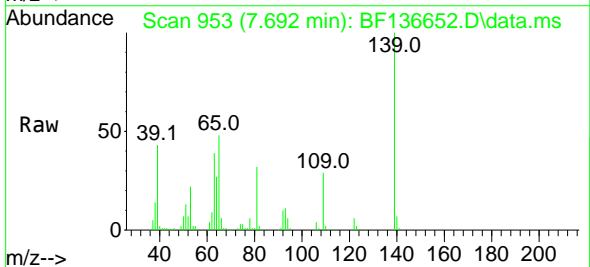
Manual Integrations

APPROVED

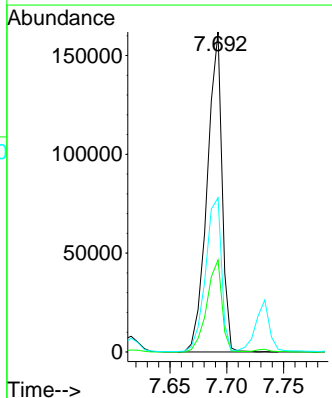
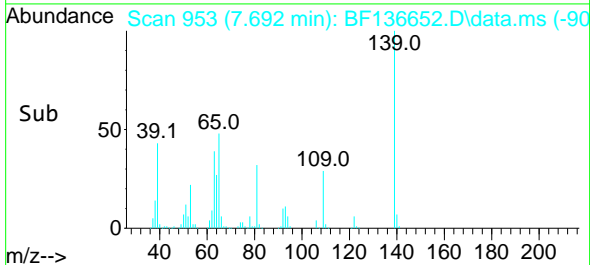
Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023

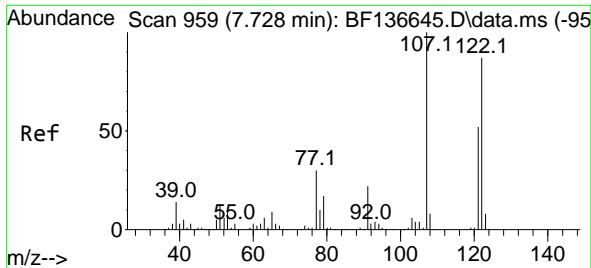


#26
 2-Nitrophenol
 Concen: 40.518 ng
 RT: 7.692 min Scan# 953
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30



Tgt Ion:139 Resp: 147483
 Ion Ratio Lower Upper
 139 100
 109 28.8 21.9 32.9
 65 48.2 38.6 58.0





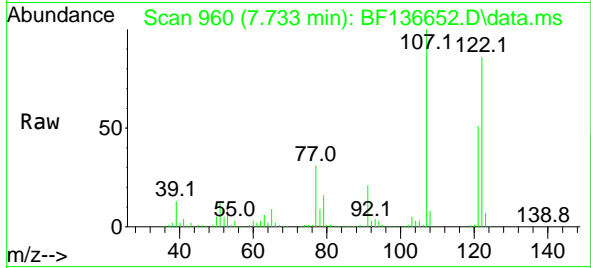
#27
 2,4-Dimethylphenol
 Concen: 50.780 ng
 RT: 7.733 min Scan# 90
 Delta R.T. 0.006 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

Client Sample Id :

PB157610BS

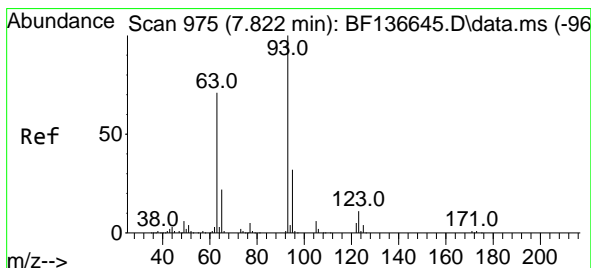
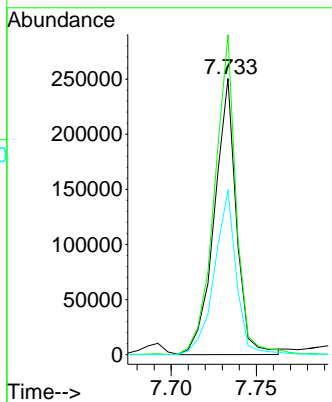
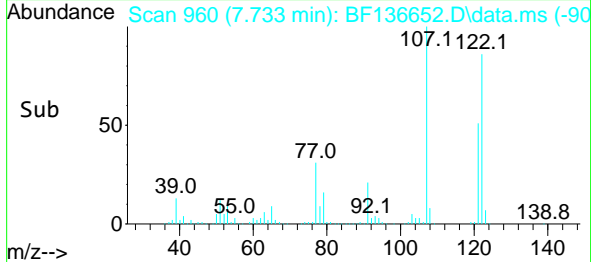


Tgt Ion:122 Resp: 225029
 Ion Ratio Lower Upper
 122 100
 107 115.9 92.0 138.0
 121 59.5 47.5 71.3

Manual Integrations

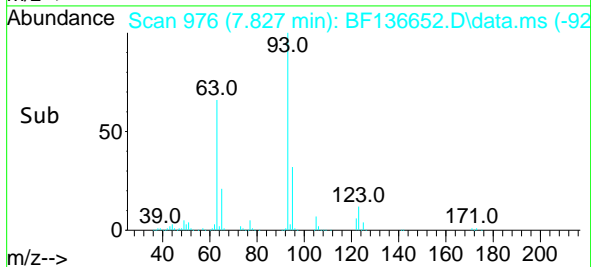
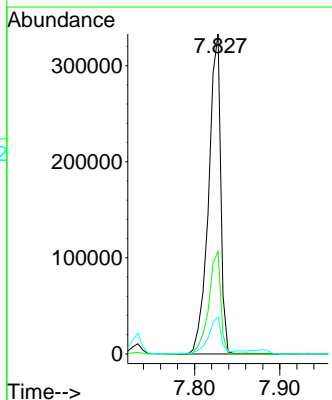
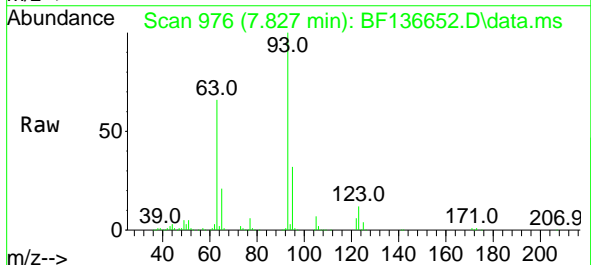
APPROVED

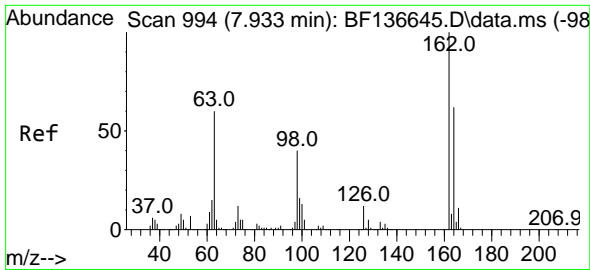
Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.149 ng
 RT: 7.827 min Scan# 976
 Delta R.T. 0.006 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Tgt Ion: 93 Resp: 328858
 Ion Ratio Lower Upper
 93 100
 95 32.0 25.5 38.3
 123 11.6 9.2 13.8





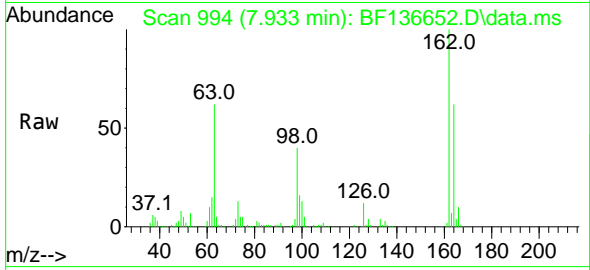
#29
 2,4-Dichlorophenol
 Concen: 39.478 ng
 RT: 7.933 min Scan# 994
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

Client Sample Id :

PB157610BS



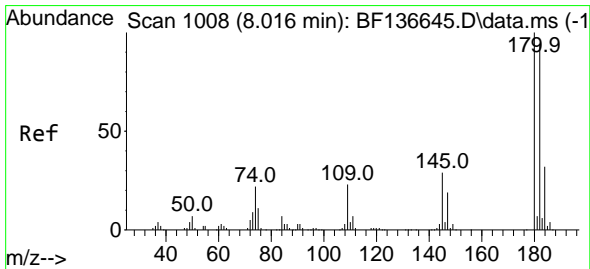
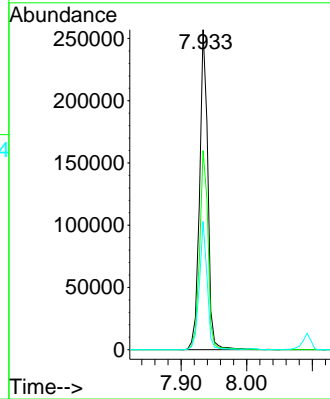
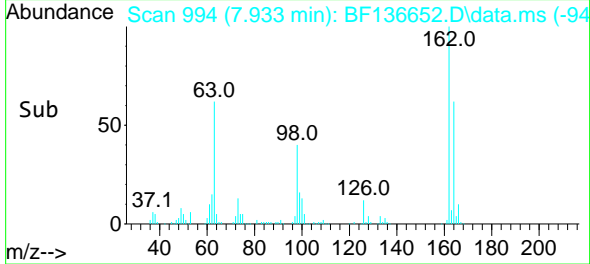
Tgt Ion:162 Resp: 225228
 Ion Ratio Lower Upper
 162 100
 164 62.2 41.7 81.7
 98 40.0 19.5 59.5

Manual Integrations

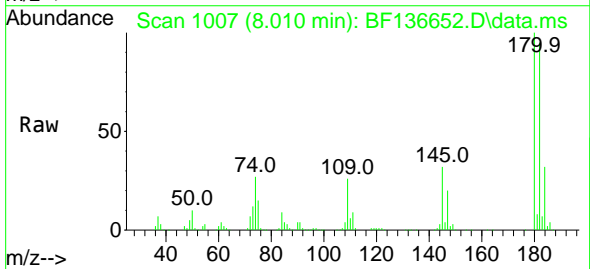
APPROVED

Reviewed By :Yogesh Patel 12/21/2023

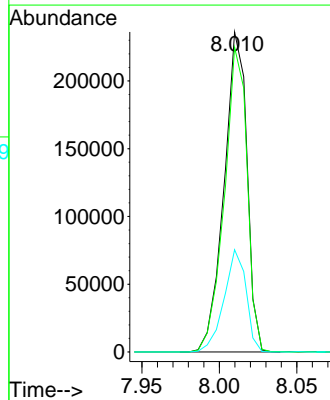
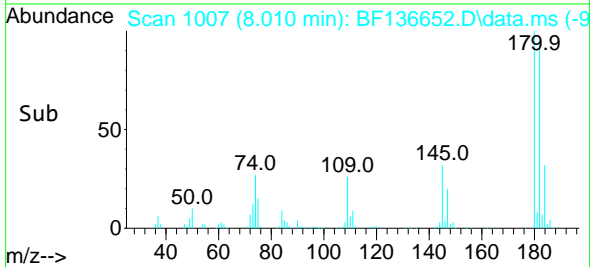
Supervised By :mohammad ahmed 12/21/2023

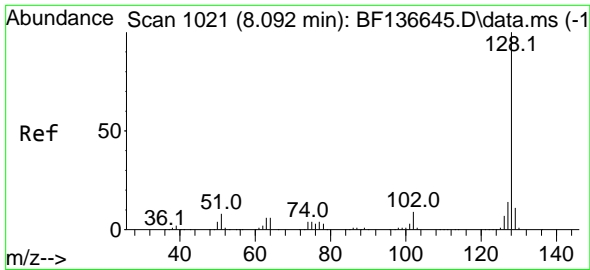


#30
 1,2,4-Trichlorobenzene
 Concen: 38.120 ng
 RT: 8.010 min Scan# 1007
 Delta R.T. -0.006 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30



Tgt Ion:180 Resp: 242312
 Ion Ratio Lower Upper
 180 100
 182 95.2 75.4 113.0
 145 32.0 23.1 34.7





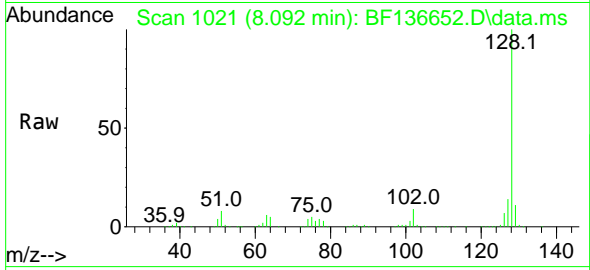
#31
 Naphthalene
 Concen: 37.826 ng
 RT: 8.092 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

Client Sample Id :

PB157610BS



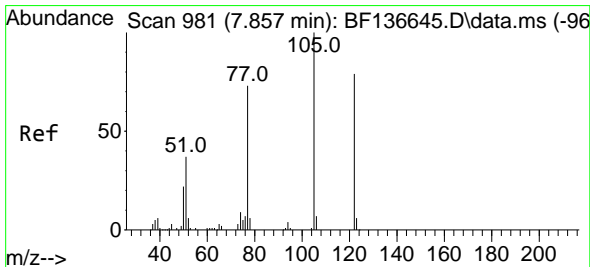
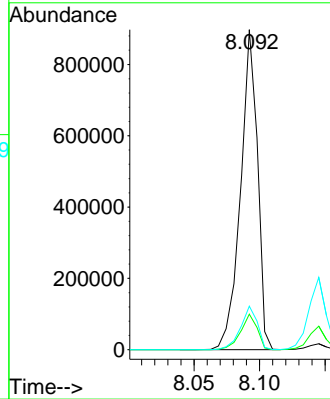
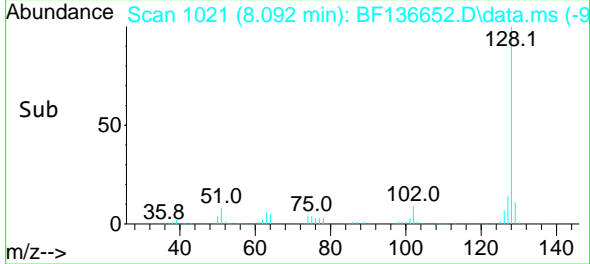
Tgt Ion:128 Resp: 80759
 Ion Ratio Lower Upper
 128 100
 129 11.1 8.7 13.1
 127 13.6 10.8 16.2

Manual Integrations

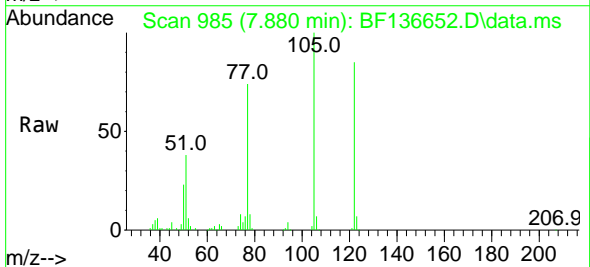
APPROVED

Reviewed By :Yogesh Patel 12/21/2023

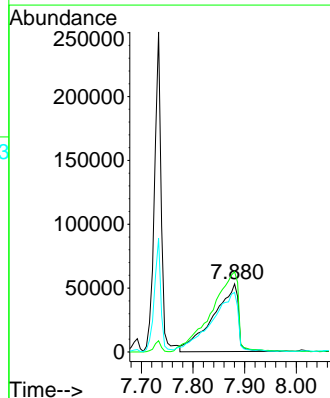
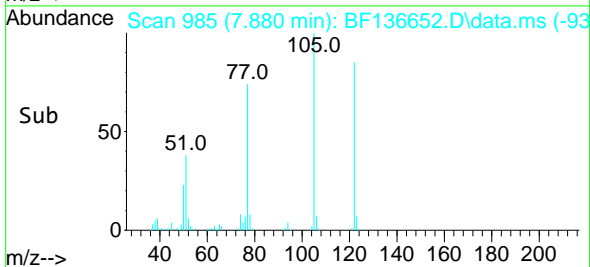
Supervised By :mohammad ahmed 12/21/2023

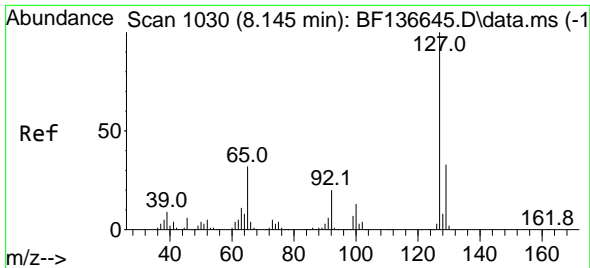


#32
 Benzoic acid
 Concen: 41.997 ng
 RT: 7.880 min Scan# 985
 Delta R.T. 0.023 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30



Tgt Ion:122 Resp: 180073
 Ion Ratio Lower Upper
 122 100
 105 117.8 100.8 140.8
 77 87.5 70.9 110.9





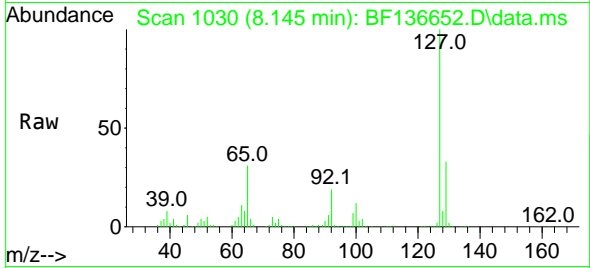
#33
 4-Chloroaniline
 Concen: 24.633 ng
 RT: 8.145 min Scan# 1030
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

Client Sample Id :

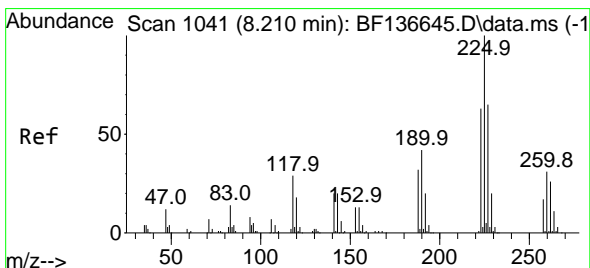
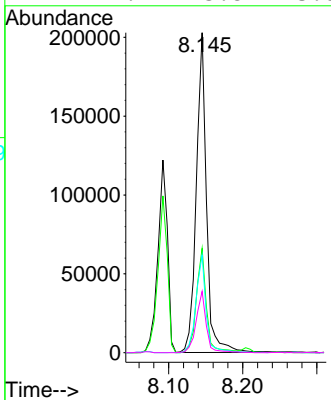
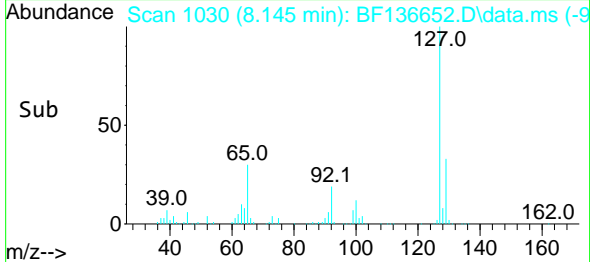
PB157610BS



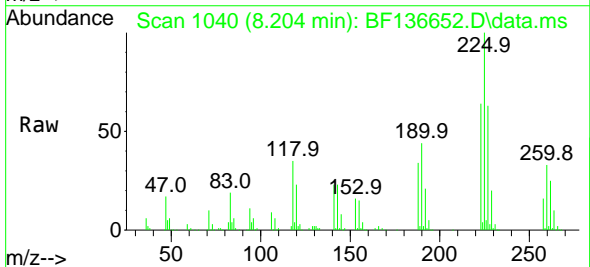
Tgt Ion:127 Resp: 194184
 Ion Ratio Lower Upper
 127 100
 129 32.6 26.3 39.5
 65 30.5 25.8 38.8
 92 19.1 15.8 23.6

Manual Integrations
 APPROVED

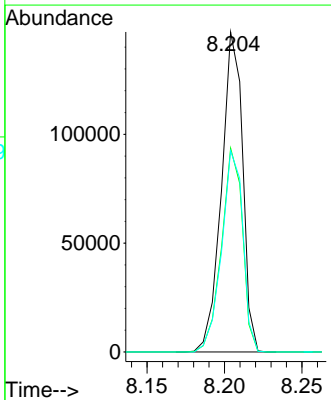
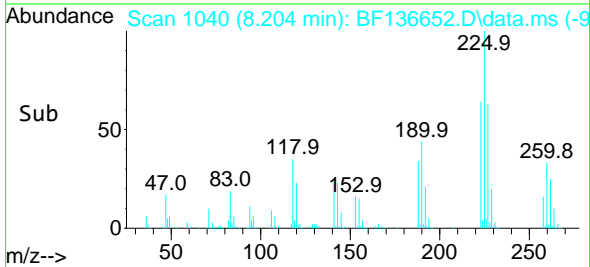
Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023

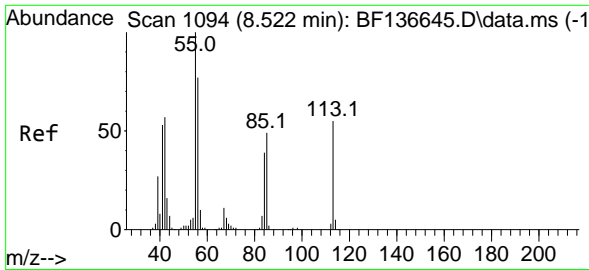


#34
 Hexachlorobutadiene
 Concen: 35.998 ng
 RT: 8.204 min Scan# 1040
 Delta R.T. -0.006 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30



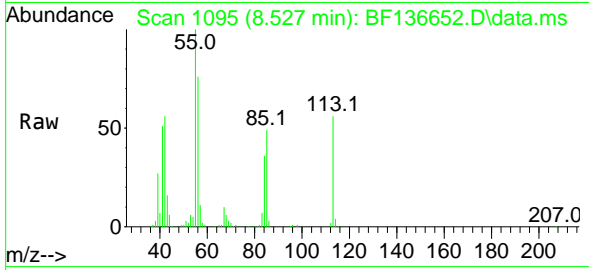
Tgt Ion:225 Resp: 139027
 Ion Ratio Lower Upper
 225 100
 223 63.7 50.6 76.0
 227 62.9 51.9 77.9





#35
 Caprolactam
 Concen: 40.741 ng m
 RT: 8.527 min Scan# 1095
 Delta R.T. 0.006 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

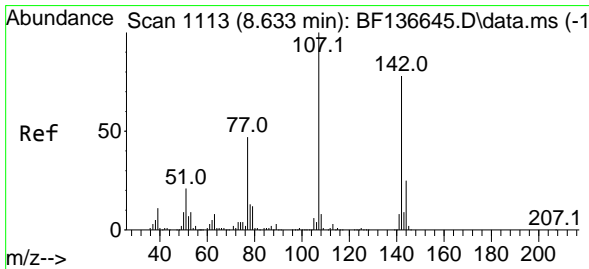
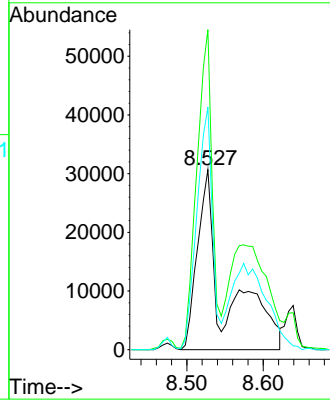
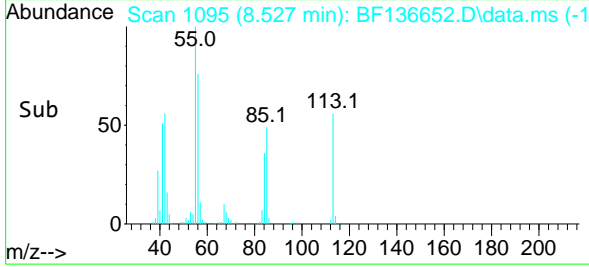
Instrument :
 BNA_F
 ClientSampleId :
 PB157610BS



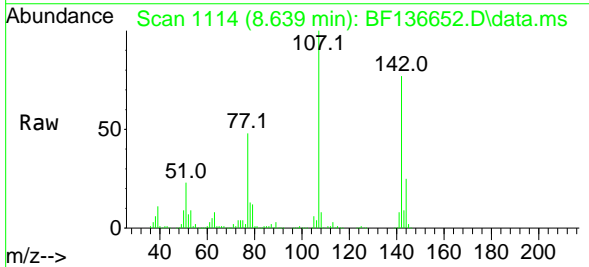
Tgt Ion:113 Resp: 76678
 Ion Ratio Lower Upper
 113 100
 55 177.8 163.1 203.1
 56 134.8 121.7 161.7

Manual Integrations
 APPROVED

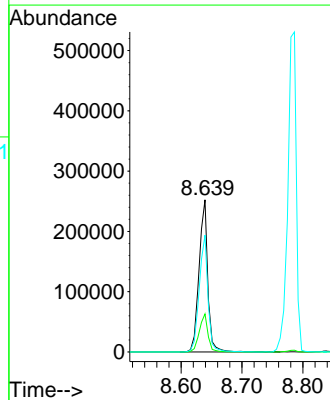
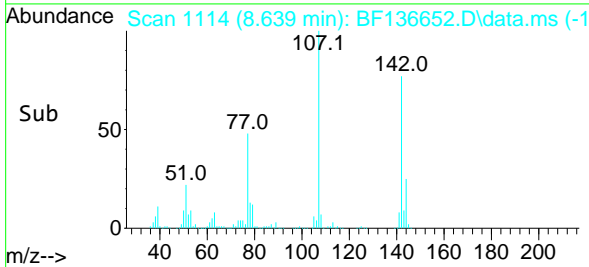
Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023

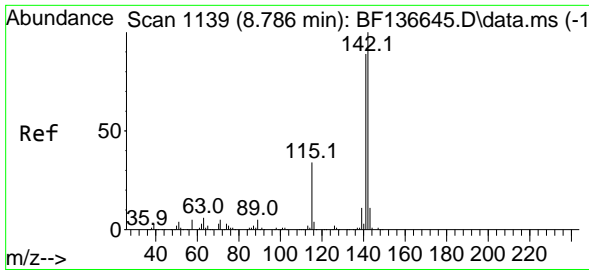


#36
 4-Chloro-3-methylphenol
 Concen: 39.467 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. 0.006 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30



Tgt Ion:107 Resp: 253485
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.2 30.2
 142 76.8 62.3 93.5





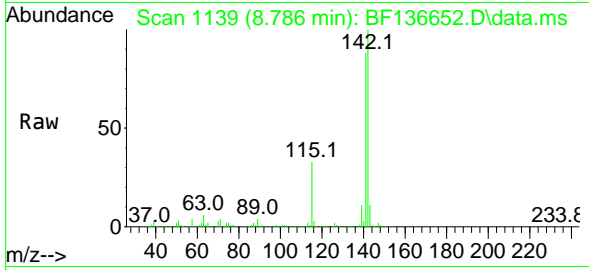
#37
 2-Methylnaphthalene
 Concen: 37.542 ng
 RT: 8.786 min Scan# 1139
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

Client Sample Id :

PB157610BS



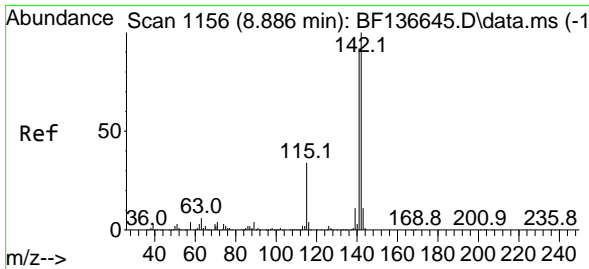
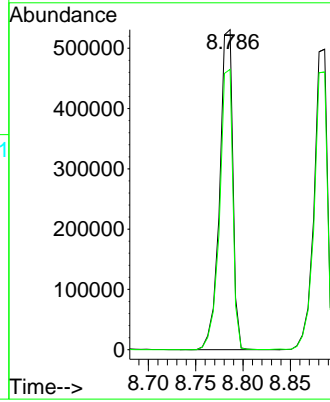
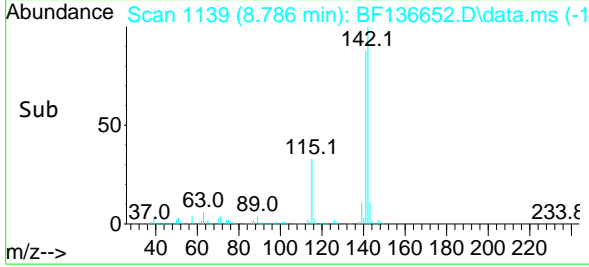
Tgt Ion:142 Resp: 51584
 Ion Ratio Lower Upper
 142 100
 141 87.6 71.1 106.7

Manual Integrations

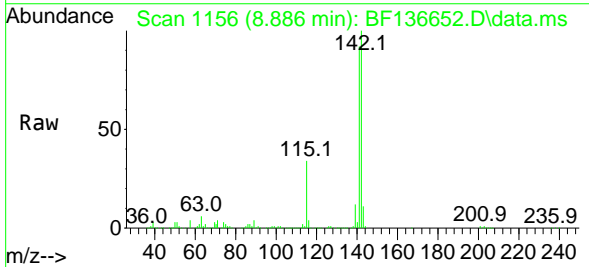
APPROVED

Reviewed By :Yogesh Patel 12/21/2023

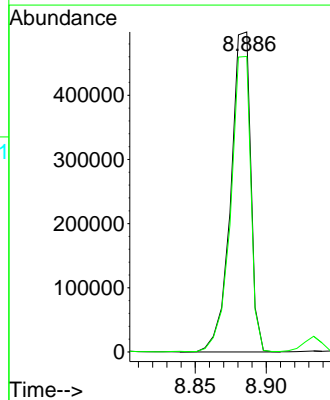
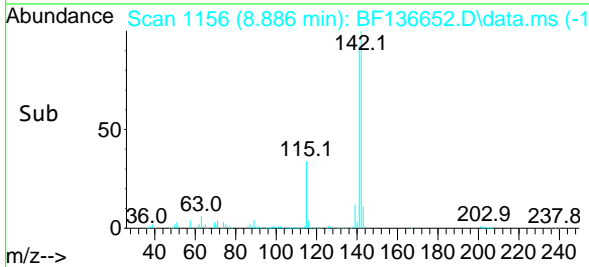
Supervised By :mohammad ahmed 12/21/2023

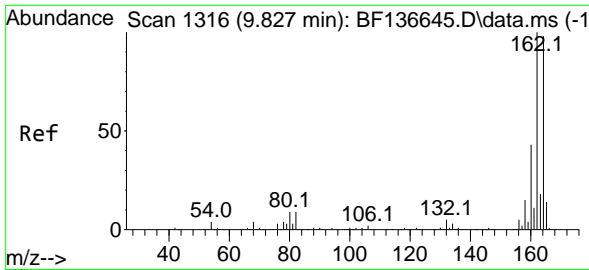


#38
 1-Methylnaphthalene
 Concen: 36.187 ng
 RT: 8.886 min Scan# 1156
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30



Tgt Ion:142 Resp: 487821
 Ion Ratio Lower Upper
 142 100
 141 92.4 73.6 110.4





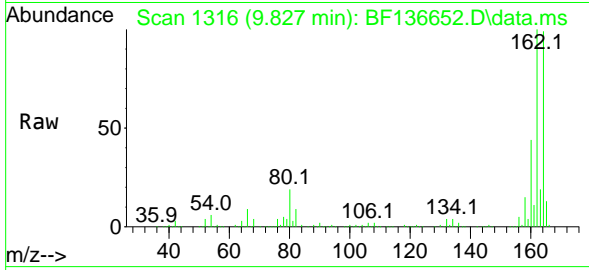
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.827 min Scan# 1167
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

Client SampleID :

PB157610BS



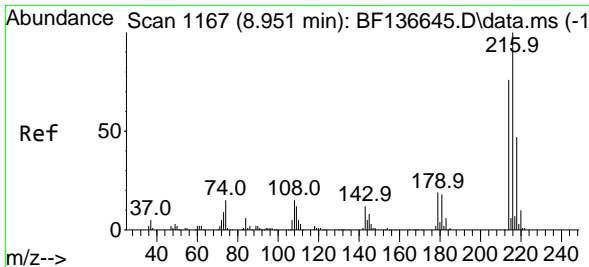
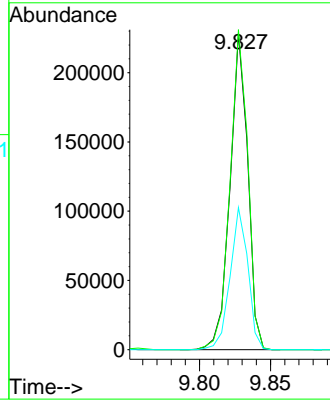
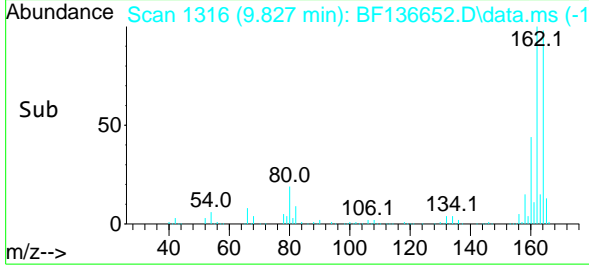
Tgt Ion:164 Resp: 198230
 Ion Ratio Lower Upper
 164 100
 162 101.1 81.6 122.4
 160 44.9 34.9 52.3

Manual Integrations

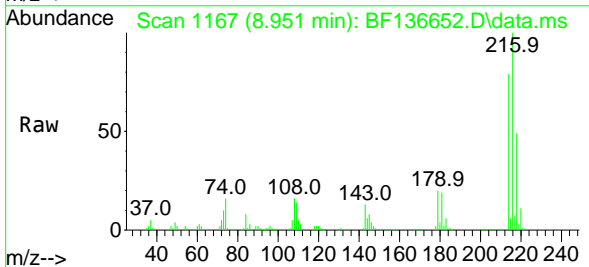
APPROVED

Reviewed By :Yogesh Patel 12/21/2023

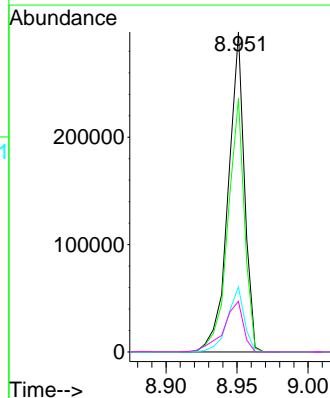
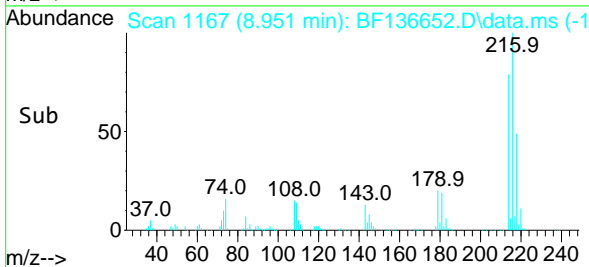
Supervised By :mohammad ahmed 12/21/2023

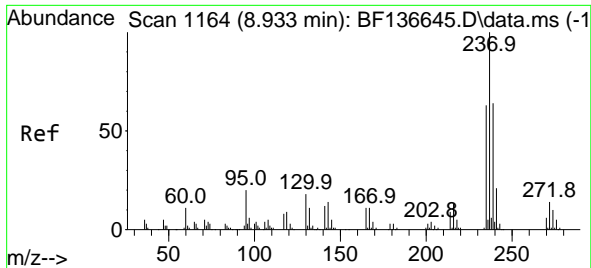


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.460 ng
 RT: 8.951 min Scan# 1167
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30



Tgt Ion:216 Resp: 236111
 Ion Ratio Lower Upper
 216 100
 214 80.7 62.3 93.5
 179 20.9 16.4 24.6
 108 19.4 14.0 21.0





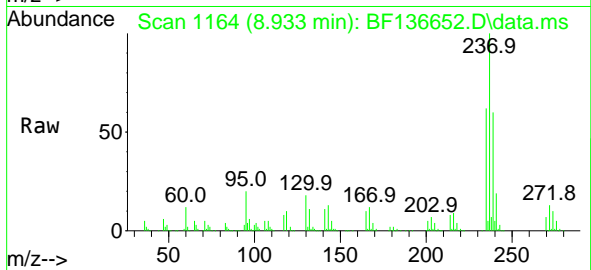
#41
 Hexachlorocyclopentadiene
 Concen: 96.857 ng
 RT: 8.933 min Scan# 1114
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

ClientSampleId :

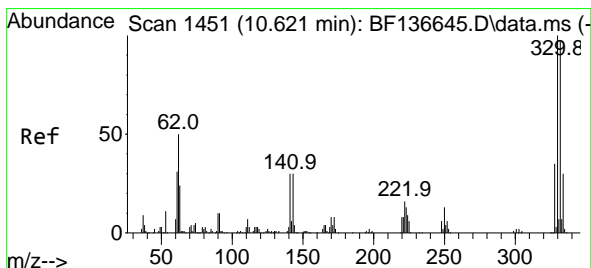
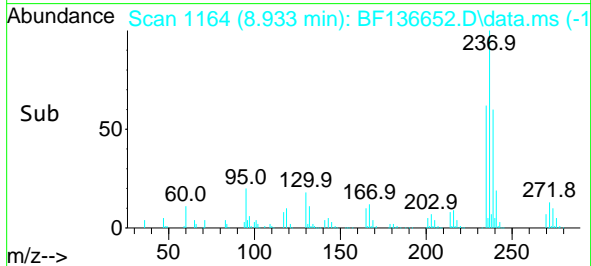
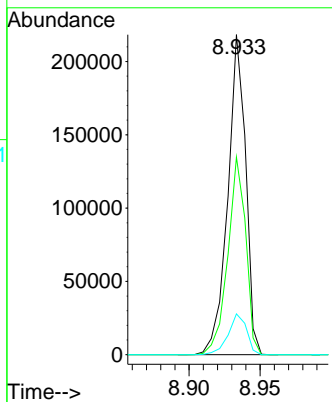
PB157610BS



Tgt Ion:237 Resp: 19174
 Ion Ratio Lower Upper
 237 100
 235 61.8 43.2 83.2
 272 12.8 0.0 34.2

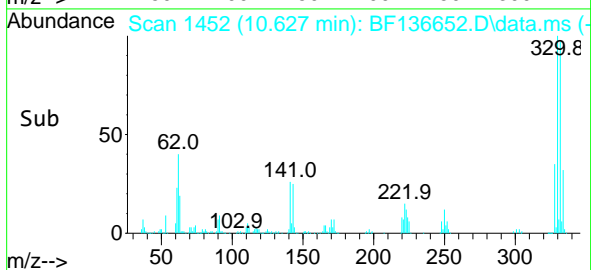
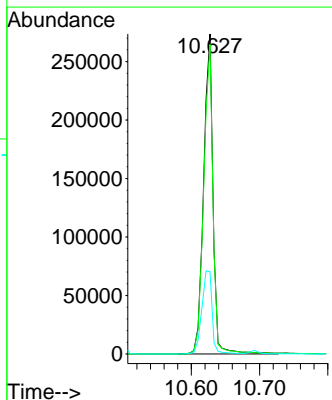
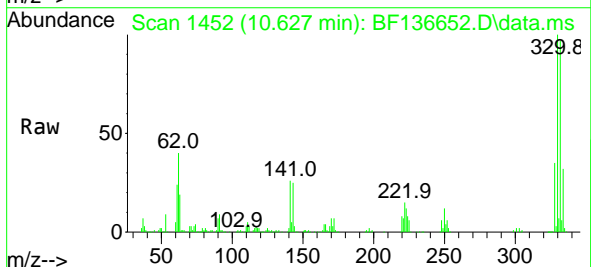
Manual Integrations
 APPROVED

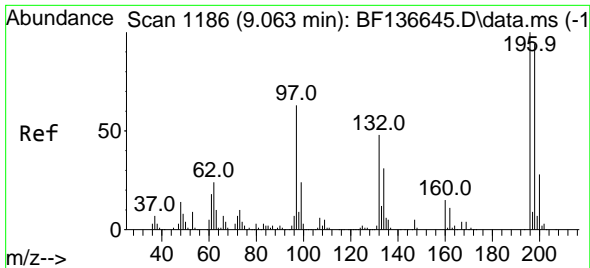
Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023



#42
 2,4,6-Tribromophenol
 Concen: 112.007 ng
 RT: 10.627 min Scan# 1452
 Delta R.T. 0.006 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Tgt Ion:330 Resp: 261492
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.0
 141 28.6 23.4 35.2





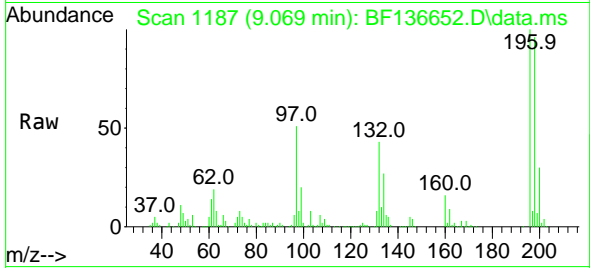
#43
 2,4,6-Trichlorophenol
 Concen: 40.590 ng
 RT: 9.069 min Scan# 1187
 Delta R.T. 0.006 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

ClientSampleId :

PB157610BS

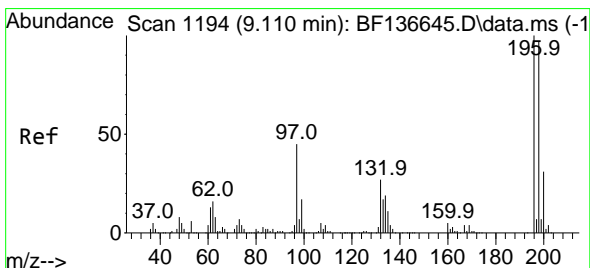
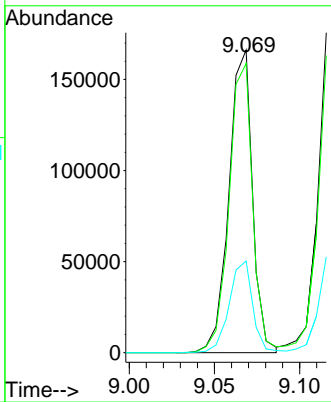
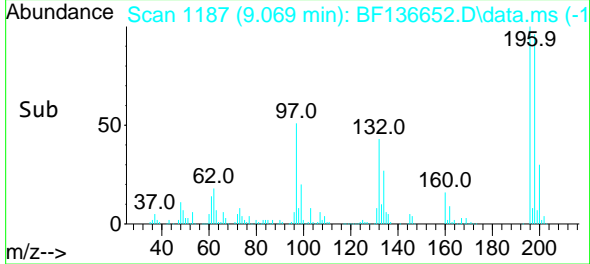


Tgt Ion:196 Resp: 159809
 Ion Ratio Lower Upper
 196 100
 198 95.6 75.1 112.7
 200 30.3 22.5 33.7

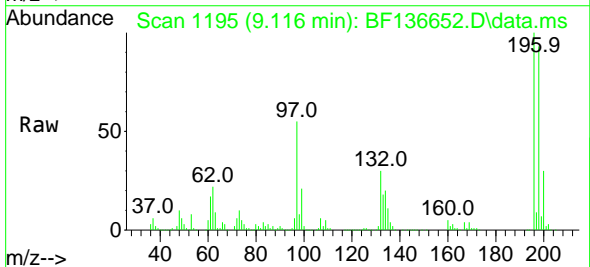
Manual Integrations

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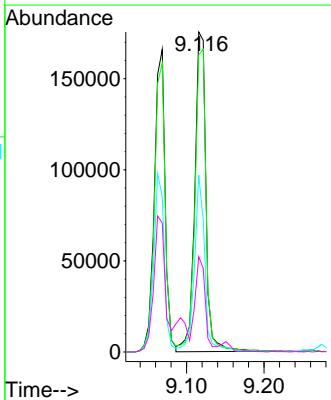
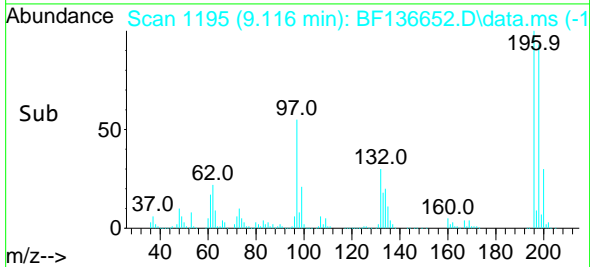
Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023

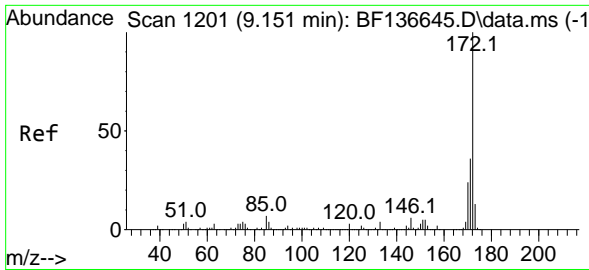


#44
 2,4,5-Trichlorophenol
 Concen: 40.174 ng
 RT: 9.116 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30



Tgt Ion:196 Resp: 176257
 Ion Ratio Lower Upper
 196 100
 198 92.9 77.0 115.6
 97 55.3 36.1 54.1#
 132 29.7 21.8 32.6





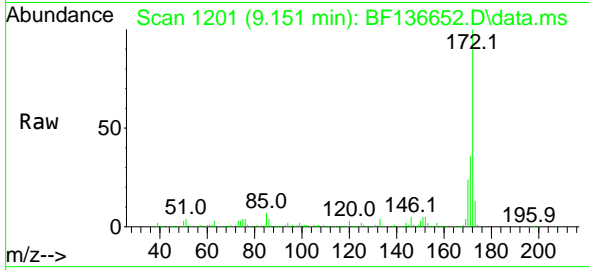
#45
 2-Fluorobiphenyl
 Concen: 71.816 ng
 RT: 9.151 min Scan# 1201
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

Client Sample Id :

PB157610BS



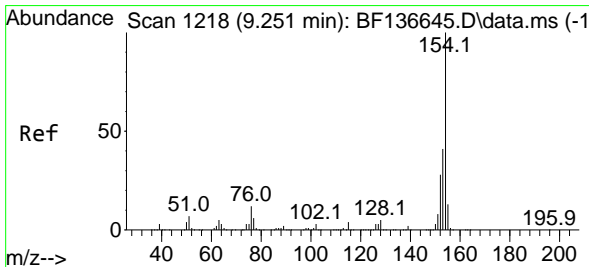
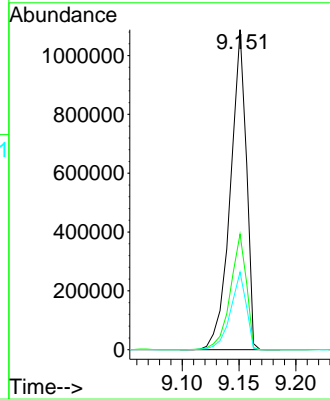
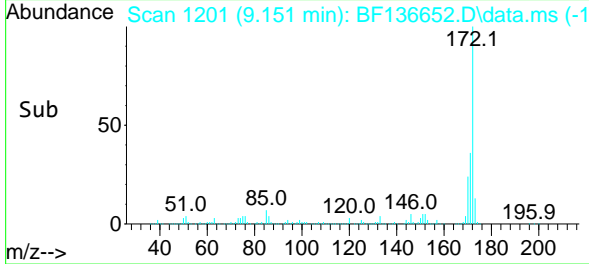
Tgt Ion:172 Resp: 1058450
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.6
 170 24.3 19.0 28.4

Manual Integrations

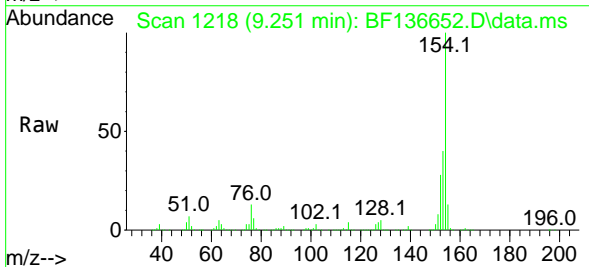
APPROVED

Reviewed By :Yogesh Patel 12/21/2023

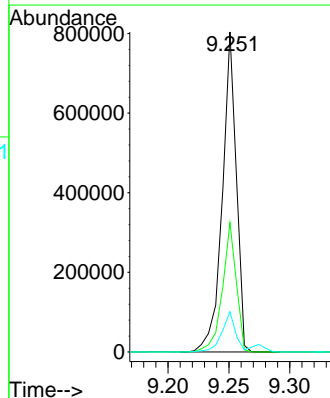
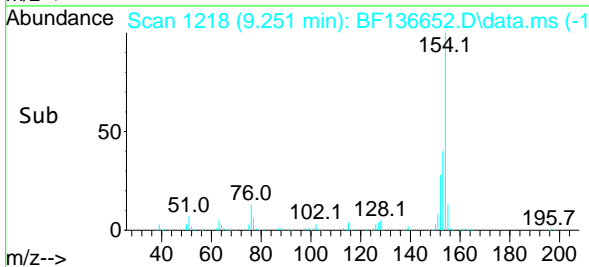
Supervised By :mohammad ahmed 12/21/2023

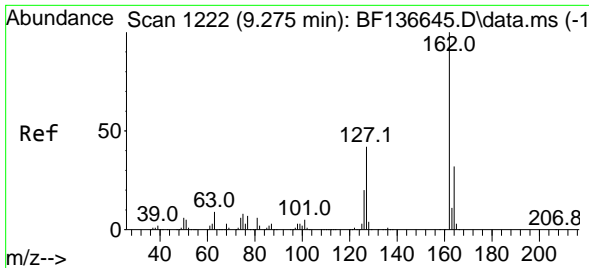


#46
 1,1'-Biphenyl
 Concen: 38.628 ng
 RT: 9.251 min Scan# 1218
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30



Tgt Ion:154 Resp: 642564
 Ion Ratio Lower Upper
 154 100
 153 40.4 21.1 61.1
 76 12.6 0.0 31.7





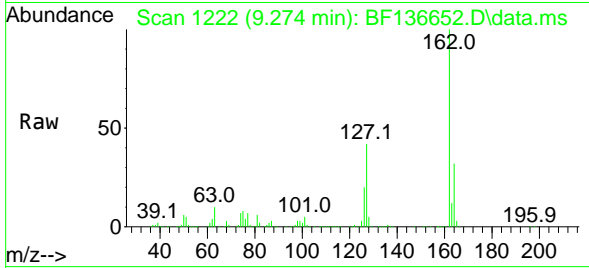
#47
 2-Chloronaphthalene
 Concen: 38.028 ng
 RT: 9.274 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

ClientSampleId :

PB157610BS

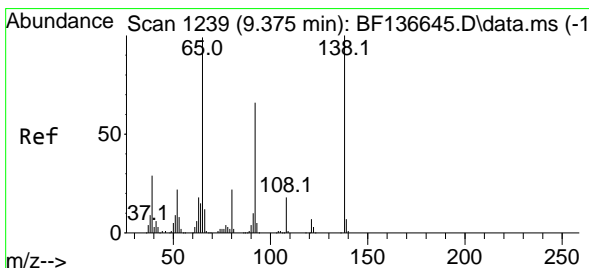
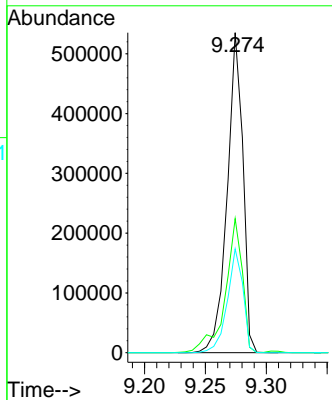
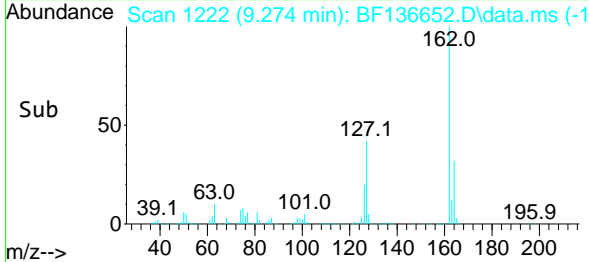


Tgt Ion:162 Resp: 480890
 Ion Ratio Lower Upper
 162 100
 127 41.9 33.6 50.4
 164 32.5 25.7 38.5

Manual Integrations

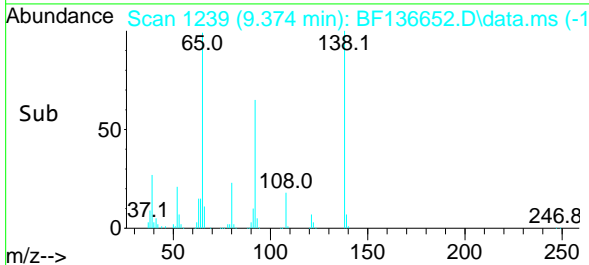
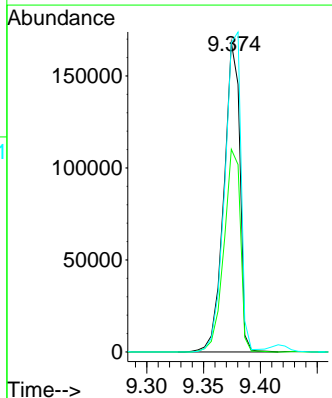
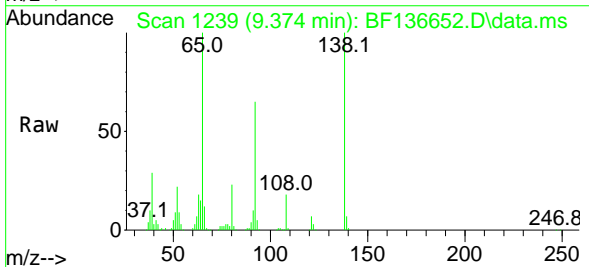
APPROVED

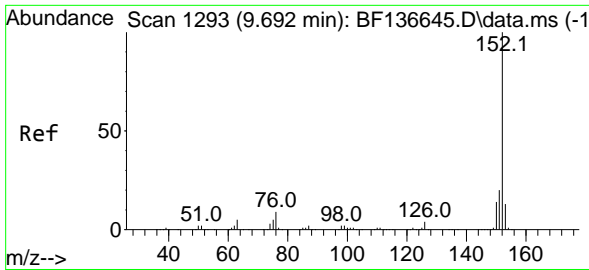
Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023



#48
 2-Nitroaniline
 Concen: 41.675 ng
 RT: 9.374 min Scan# 1239
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Tgt Ion: 65 Resp: 165034
 Ion Ratio Lower Upper
 65 100
 92 65.5 53.2 79.8
 138 99.8 81.1 121.7





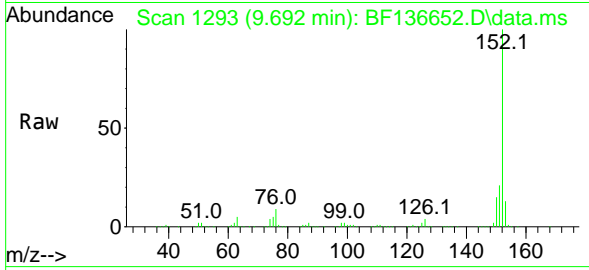
#49
 Acenaphthylene
 Concen: 39.861 ng
 RT: 9.692 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

ClientSampleId :

PB157610BS



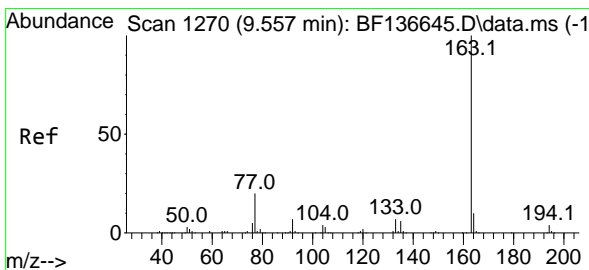
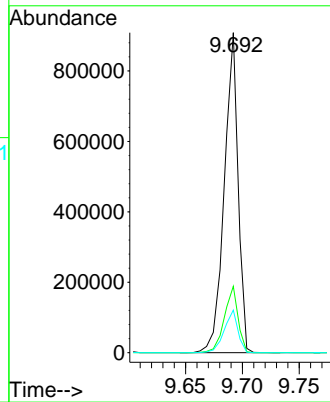
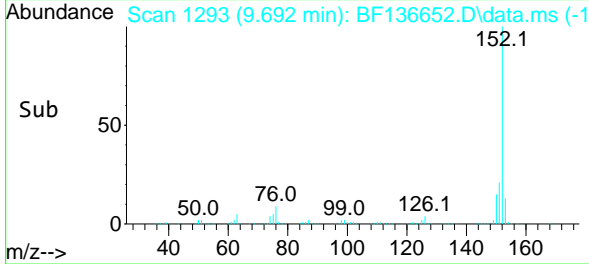
Tgt Ion:152 Resp: 77047
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.2 24.4
 153 13.3 10.2 15.2

Manual Integrations

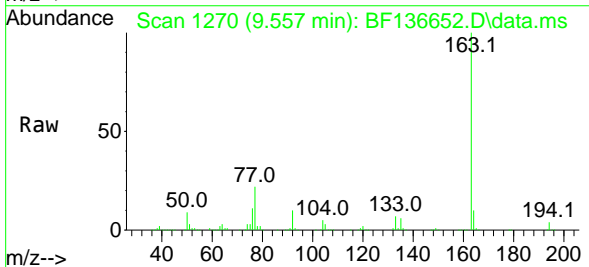
APPROVED

Reviewed By :Yogesh Patel 12/21/2023

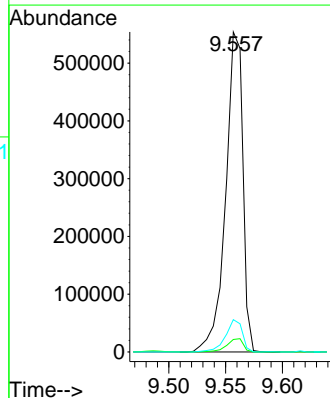
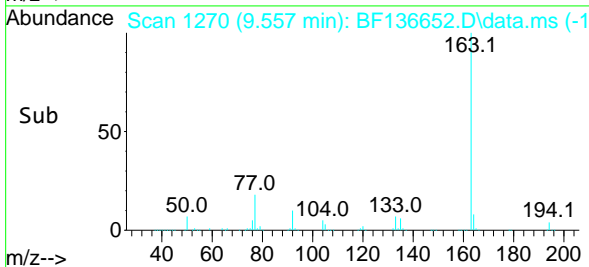
Supervised By :mohammad ahmed 12/21/2023

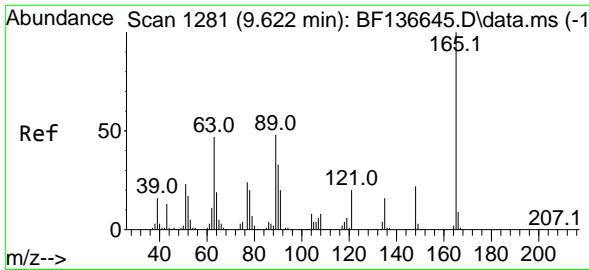


#50
 Dimethylphthalate
 Concen: 40.228 ng
 RT: 9.557 min Scan# 1270
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30



Tgt Ion:163 Resp: 582465
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.3 4.9
 164 10.1 7.8 11.6





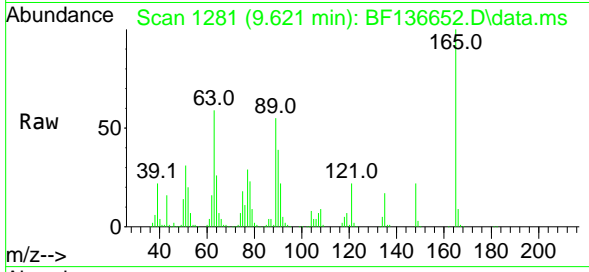
#51
 2,6-Dinitrotoluene
 Concen: 38.221 ng
 RT: 9.621 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

Client Sample Id :

PB157610BS



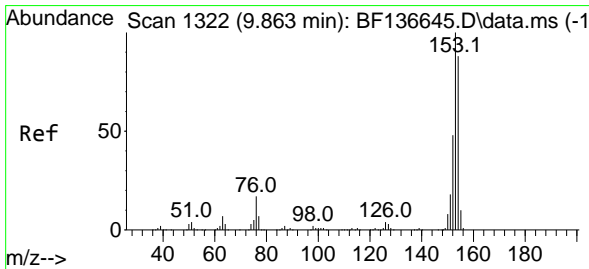
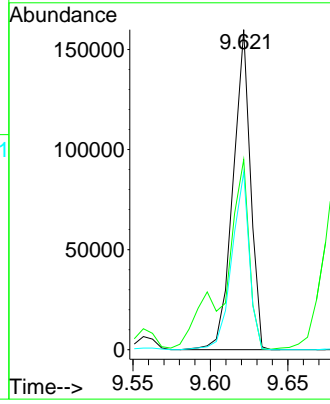
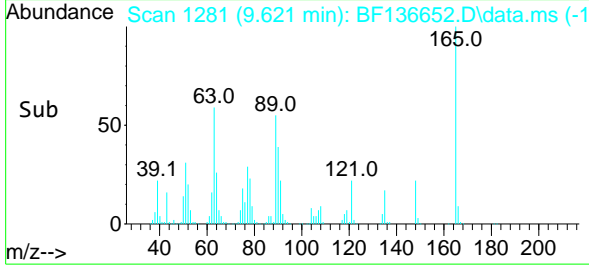
Tgt Ion:165 Resp: 125598
 Ion Ratio Lower Upper
 165 100
 63 59.4 39.8 59.6
 89 55.5 38.8 58.2

Manual Integrations

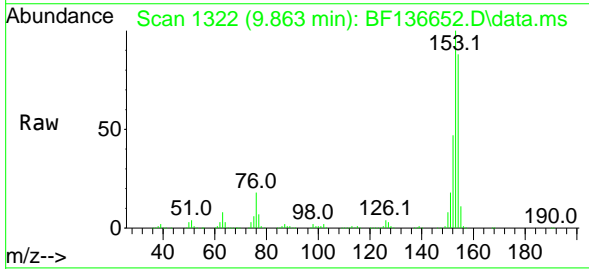
APPROVED

Reviewed By :Yogesh Patel 12/21/2023

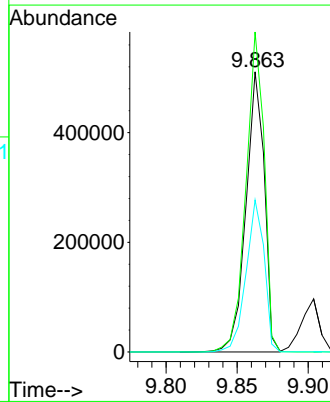
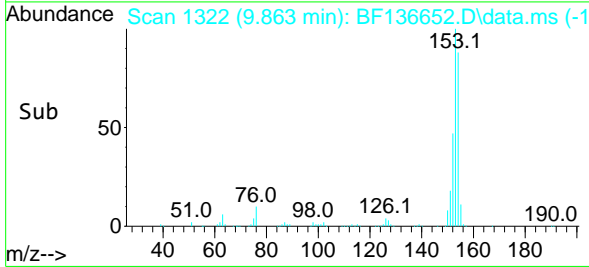
Supervised By :mohammad ahmed 12/21/2023

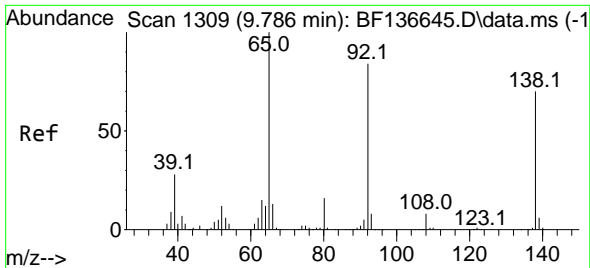


#52
 Acenaphthene
 Concen: 38.472 ng
 RT: 9.863 min Scan# 1322
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30



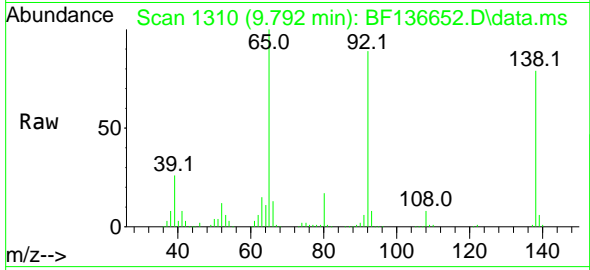
Tgt Ion:154 Resp: 460956
 Ion Ratio Lower Upper
 154 100
 153 114.2 90.7 136.1
 152 54.2 43.7 65.5





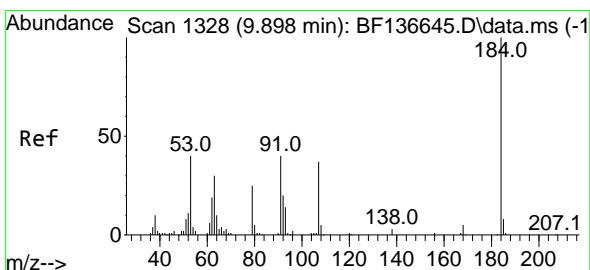
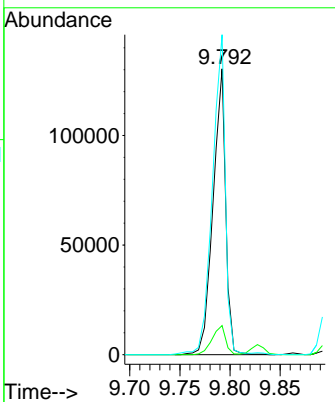
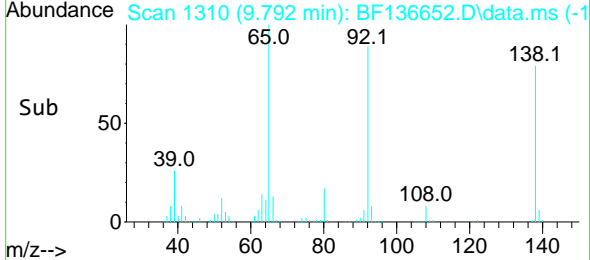
#53
 3-Nitroaniline
 Concen: 32.733 ng
 RT: 9.792 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Instrument :
 BNA_F
 ClientSampleId :
 PB157610BS

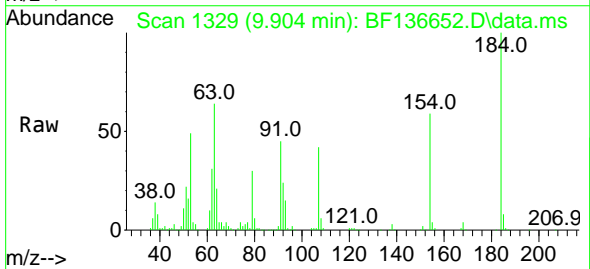


Tgt Ion:138 Resp: 11394
 Ion Ratio Lower Upper
 138 100
 108 10.2 8.6 12.8
 92 111.9 95.2 142.8

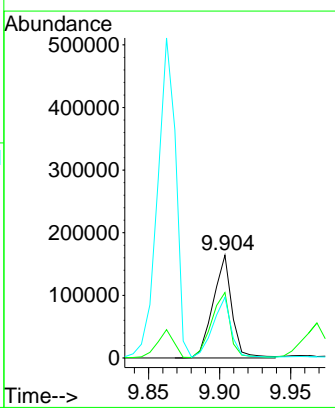
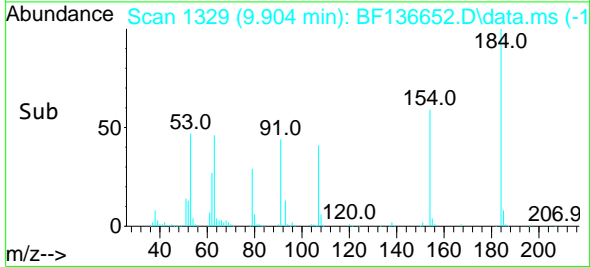
Manual Integrations
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 Supervised By :mohammad ahmed 12/21/2023

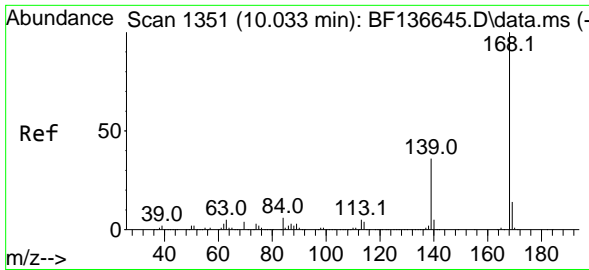


#54
 2,4-Dinitrophenol
 Concen: 83.196 ng
 RT: 9.904 min Scan# 1329
 Delta R.T. 0.006 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30



Tgt Ion:184 Resp: 151802
 Ion Ratio Lower Upper
 184 100
 63 63.8 40.9 61.3#
 154 59.1 42.7 64.1





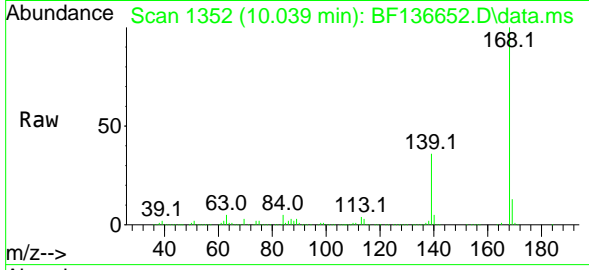
#55
 Dibenzofuran
 Concen: 38.105 ng
 RT: 10.039 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

ClientSampleId :

PB157610BS

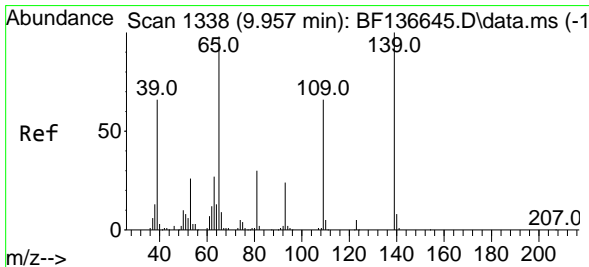
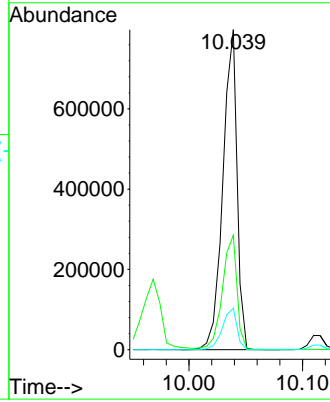
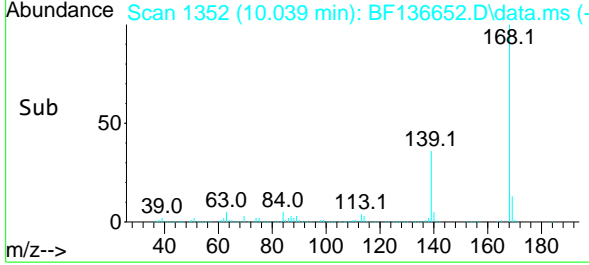


Tgt Ion:168 Resp: 692089
 Ion Ratio Lower Upper
 168 100
 139 35.8 29.3 43.9
 169 13.0 11.0 16.4

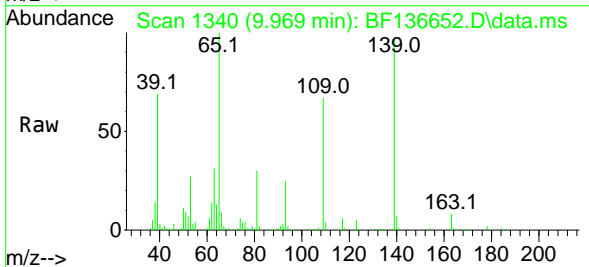
Manual Integrations

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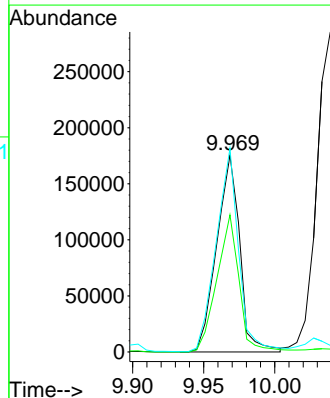
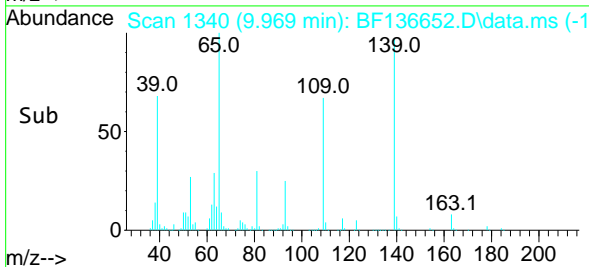
Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023

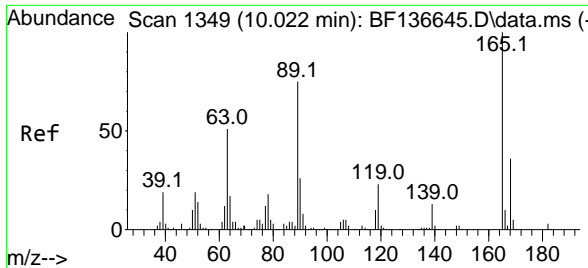


#56
 4-Nitrophenol
 Concen: 84.288 ng
 RT: 9.969 min Scan# 1340
 Delta R.T. 0.012 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30



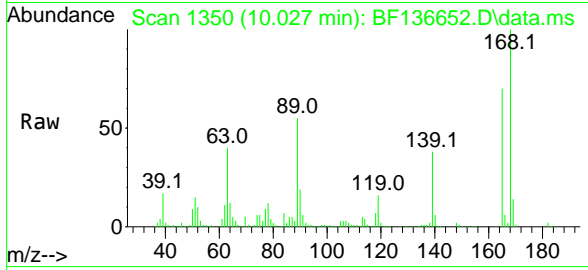
Tgt Ion:139 Resp: 198066
 Ion Ratio Lower Upper
 139 100
 109 69.7 45.8 85.8
 65 103.6 77.8 117.8





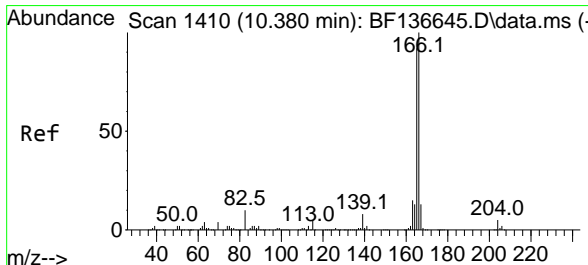
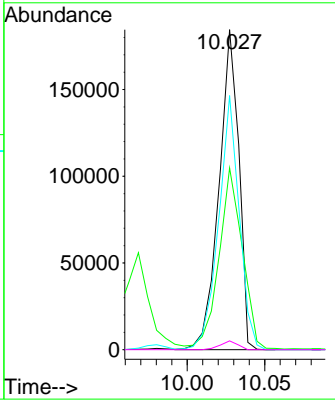
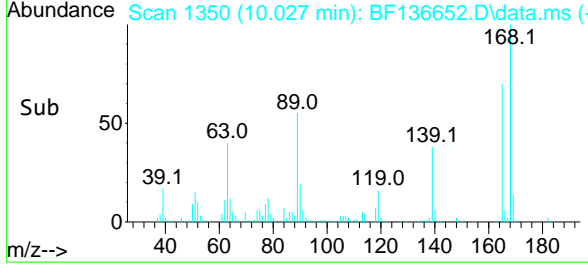
#57
 2,4-Dinitrotoluene
 Concen: 38.370 ng
 RT: 10.027 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Instrument :
 BNA_F
 ClientSampleId :
 PB157610BS

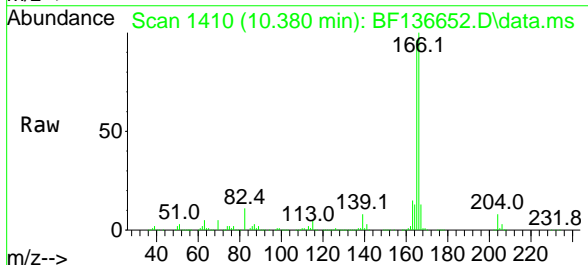


Tgt Ion:165 Resp: 163684
 Ion Ratio Lower Upper
 165 100
 63 56.8 41.0 61.6
 89 79.4 59.9 89.9
 182 2.8 2.0 3.0

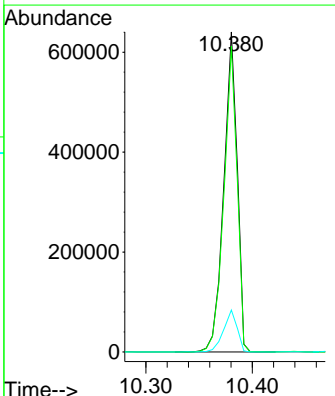
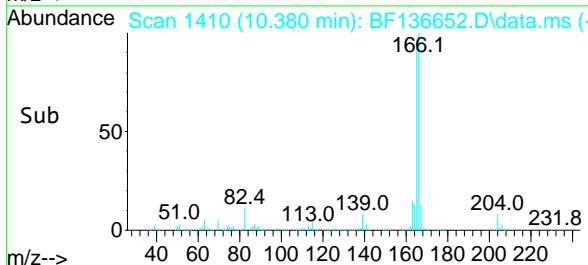
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023

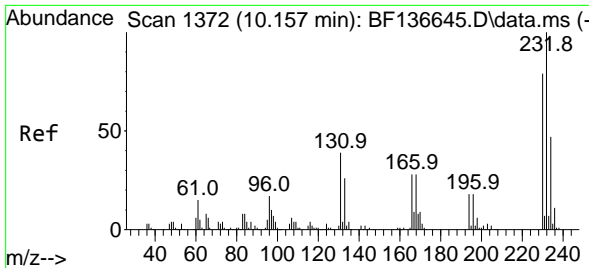


#58
 Fluorene
 Concen: 38.727 ng
 RT: 10.380 min Scan# 1410
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30



Tgt Ion:166 Resp: 558107
 Ion Ratio Lower Upper
 166 100
 165 95.5 73.7 110.5
 167 13.1 10.4 15.6





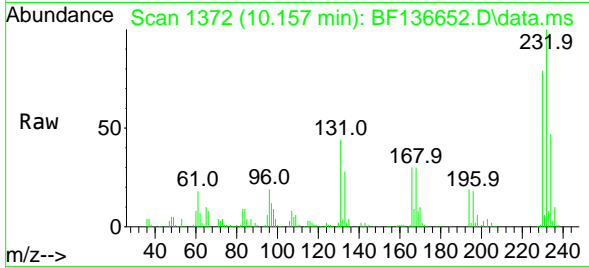
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.137 ng
 RT: 10.157 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

Client Sample Id :

PB157610BS



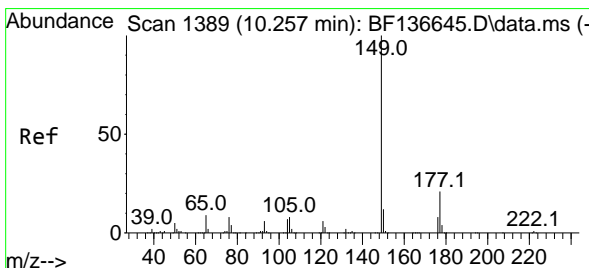
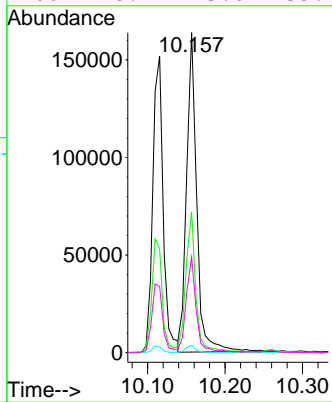
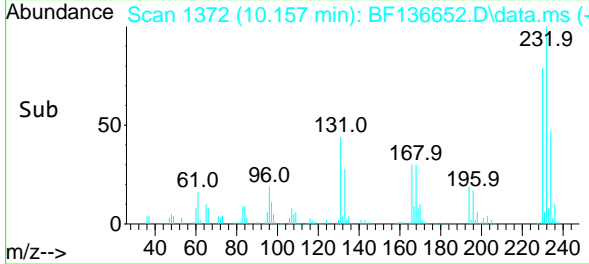
Tgt Ion: 232 Resp: 14906
 Ion Ratio Lower Upper
 232 100
 131 43.7 35.1 52.7
 130 2.3 1.6 2.4
 166 28.9 23.6 35.4

Manual Integrations

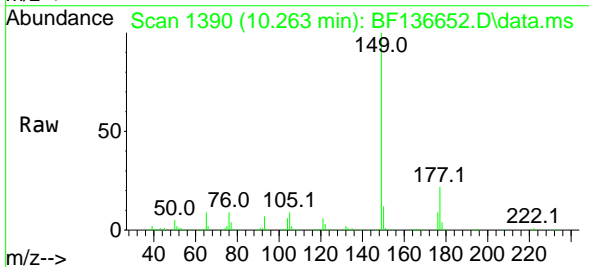
APPROVED

Reviewed By :Yogesh Patel 12/21/2023

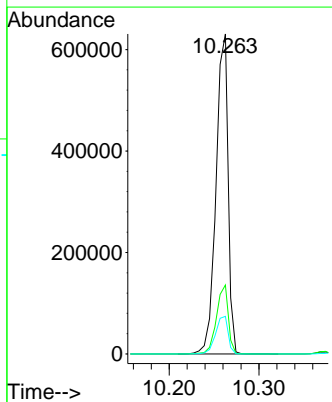
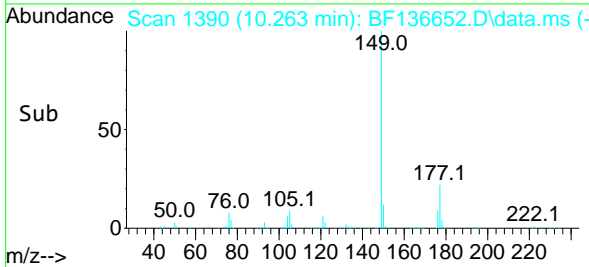
Supervised By :mohammad ahmed 12/21/2023

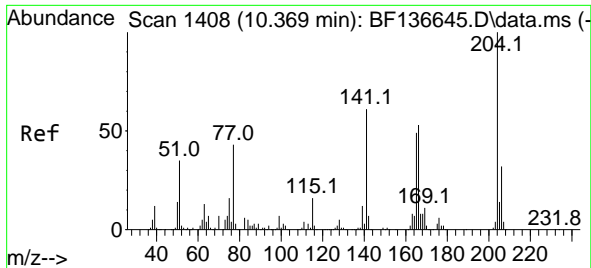


#60
 Diethylphthalate
 Concen: 39.350 ng
 RT: 10.263 min Scan# 1390
 Delta R.T. 0.006 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30



Tgt Ion: 149 Resp: 591158
 Ion Ratio Lower Upper
 149 100
 177 21.6 16.9 25.3
 150 11.8 9.3 13.9





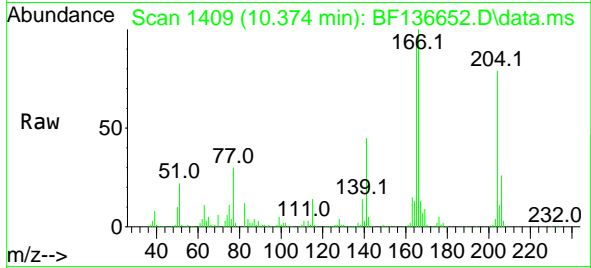
#61
 4-Chlorophenyl-phenylether
 Concen: 36.819 ng
 RT: 10.374 min Scan# 1409
 Delta R.T. 0.006 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

Client Sample Id :

PB157610BS

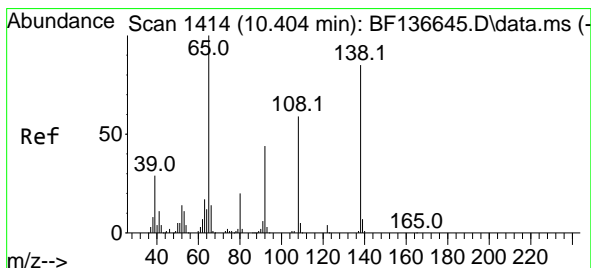
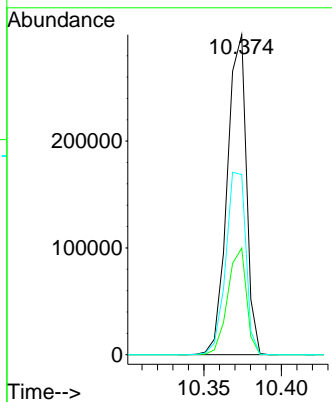
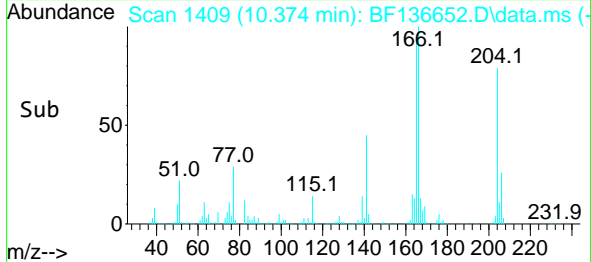


Tgt Ion: 204 Resp: 25791
 Ion Ratio Lower Upper
 204 100
 206 33.3 25.6 38.4
 141 56.3 48.4 72.6

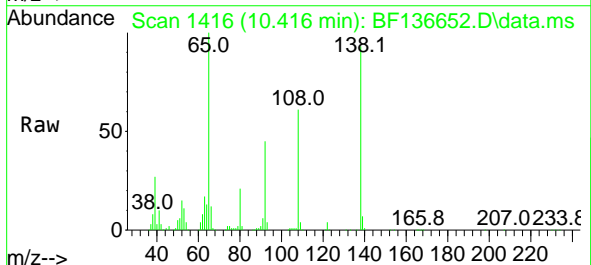
Manual Integrations

APPROVED

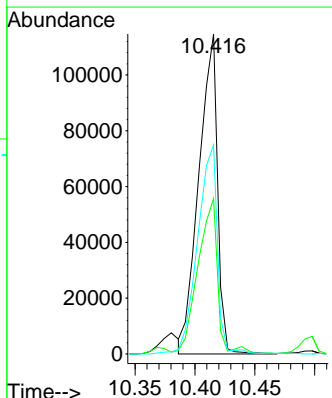
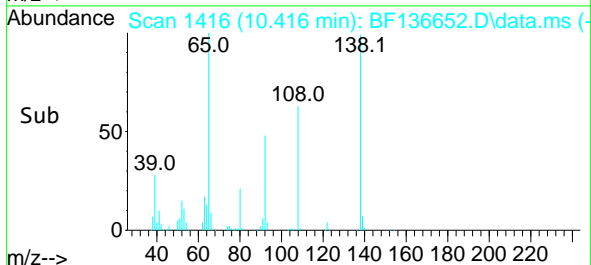
Reviewed By : Yogesh Patel 12/21/2023
 Supervised By : mohammad ahmed 12/21/2023

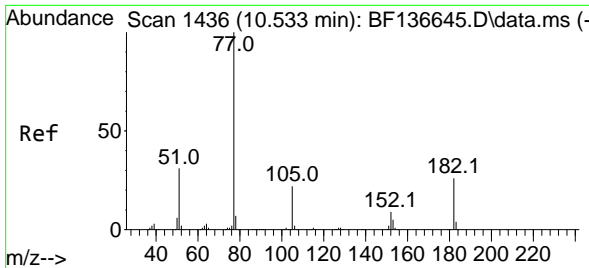


#62
 4-Nitroaniline
 Concen: 37.183 ng m
 RT: 10.416 min Scan# 1416
 Delta R.T. 0.012 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30



Tgt Ion: 138 Resp: 124776
 Ion Ratio Lower Upper
 138 100
 92 48.6 32.1 72.1
 108 65.3 50.1 90.1





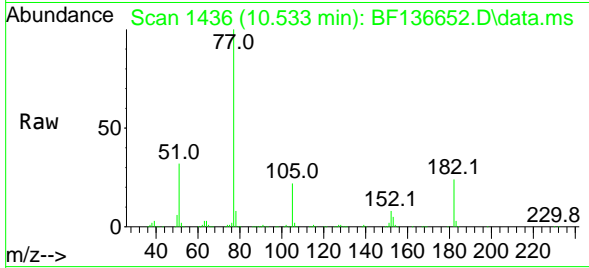
#63
 Azobenzene
 Concen: 39.170 ng
 RT: 10.533 min Scan# 1436
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

ClientSampleId :

PB157610BS



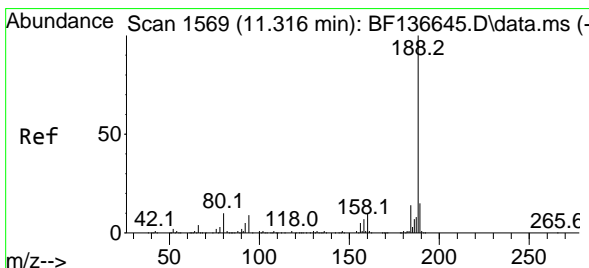
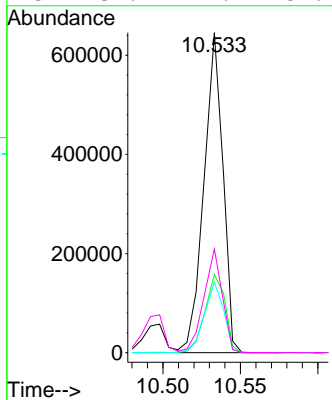
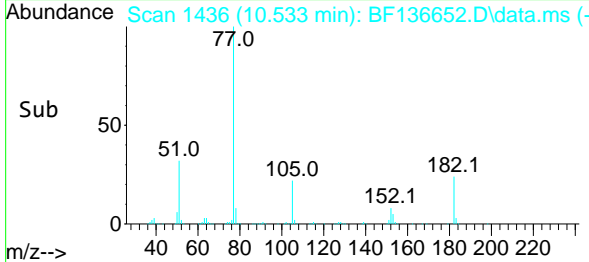
Tgt Ion: 77 Resp: 549620

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77 | 100 | | |
| 182 | 24.4 | 6.0 | 46.0 |
| 105 | 22.0 | 2.3 | 42.3 |
| 51 | 32.4 | 11.1 | 51.1 |

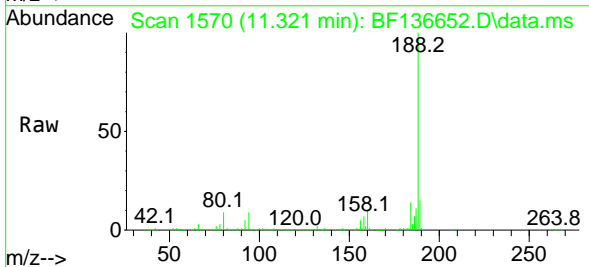
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023

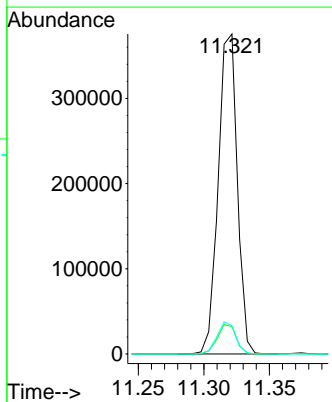
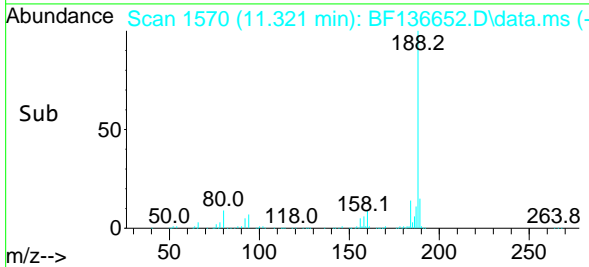


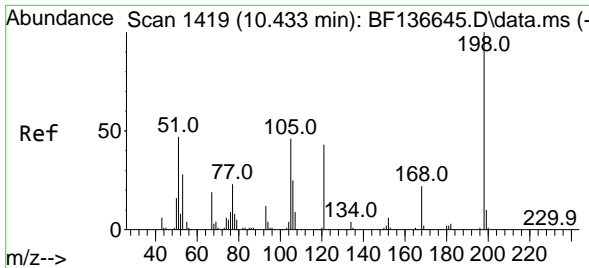
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.321 min Scan# 1570
 Delta R.T. 0.006 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30



Tgt Ion:188 Resp: 379715

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100 | | |
| 94 | 8.5 | 7.5 | 11.3 |
| 80 | 8.8 | 8.1 | 12.1 |





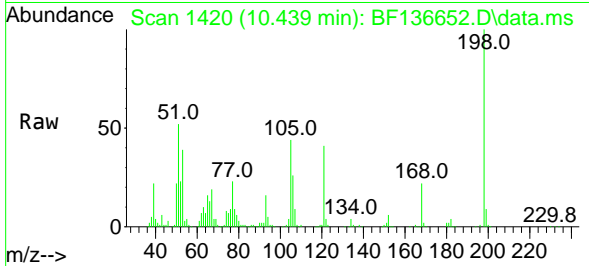
#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.695 ng
 RT: 10.439 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

ClientSampleId :

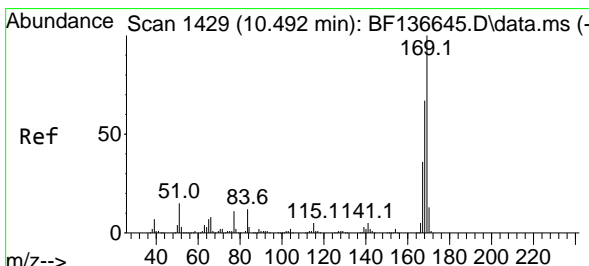
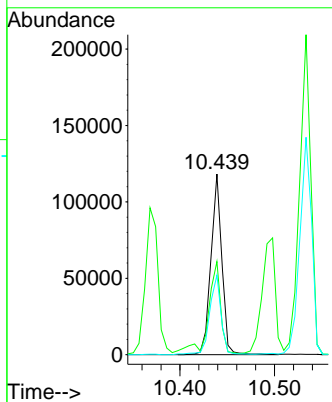
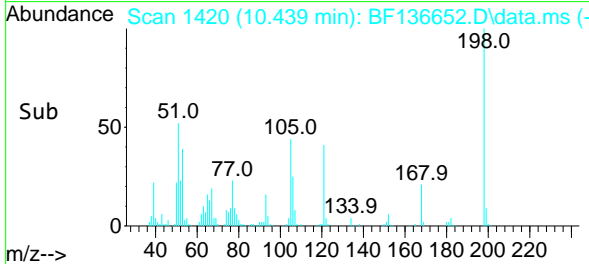
PB157610BS



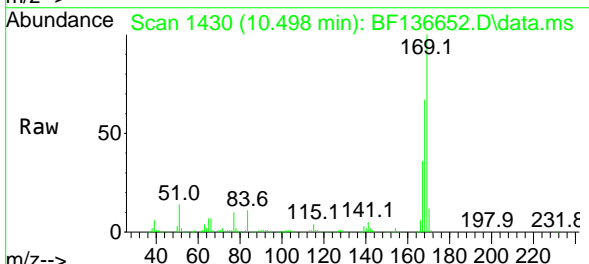
Tgt Ion:198 Resp: 95081
 Ion Ratio Lower Upper
 198 100
 51 51.6 34.1 74.1
 105 44.0 27.3 67.3

Manual Integrations
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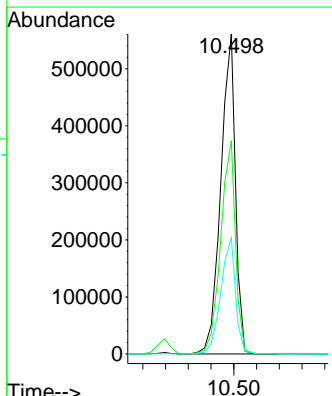
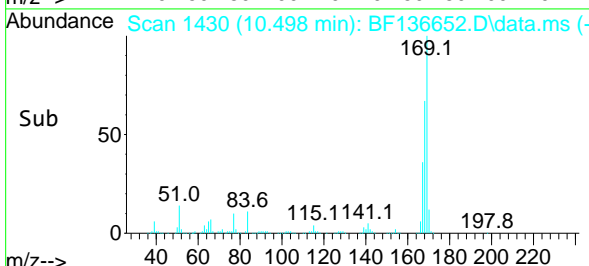
Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023

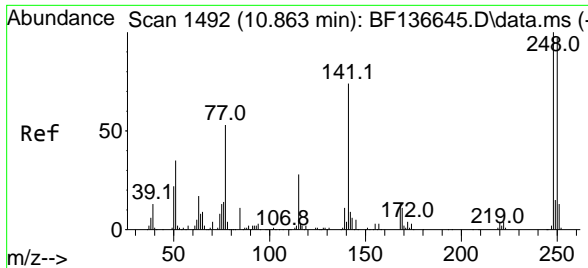


#66
 n-Nitrosodiphenylamine
 Concen: 40.725 ng
 RT: 10.498 min Scan# 1430
 Delta R.T. 0.006 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30



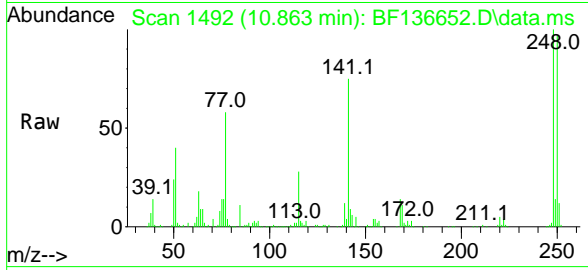
Tgt Ion:169 Resp: 502343
 Ion Ratio Lower Upper
 169 100
 168 66.7 53.8 80.6
 167 36.3 28.7 43.1





#67
 4-Bromophenyl-phenylether
 Concen: 39.164 ng
 RT: 10.863 min Scan# 1492
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

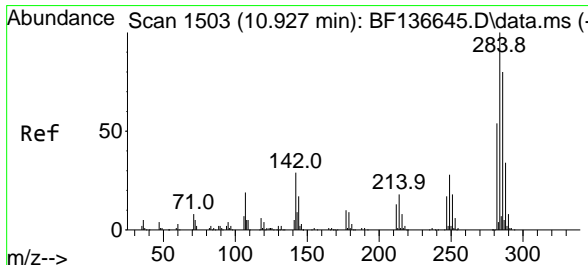
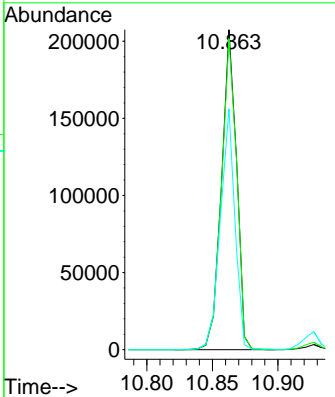
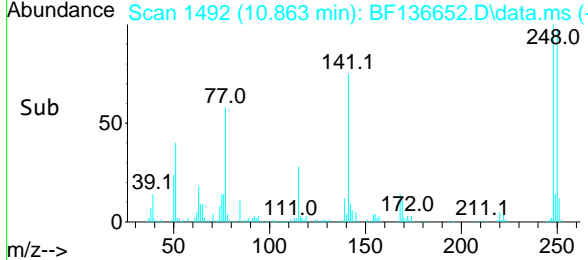
Instrument : BNA_F
 ClientSampleId : PB157610BS



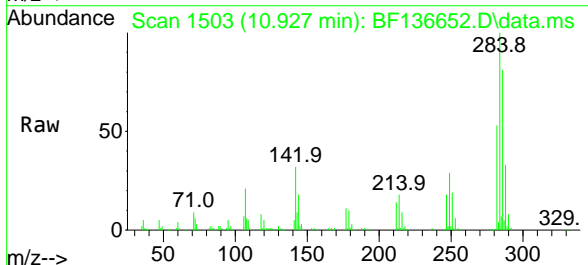
Tgt Ion: 248 Resp: 16515

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 248 | 100 | | |
| 250 | 97.3 | 77.8 | 116.6 |
| 141 | 75.3 | 59.2 | 88.8 |

Manual Integrations
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 Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023

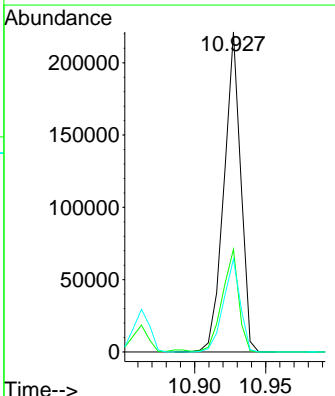
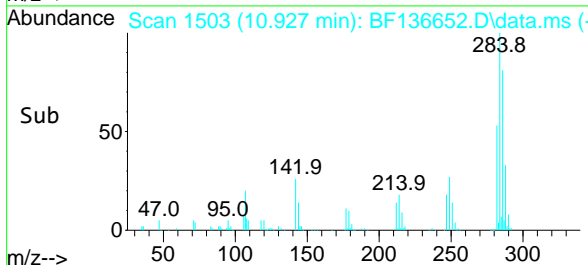


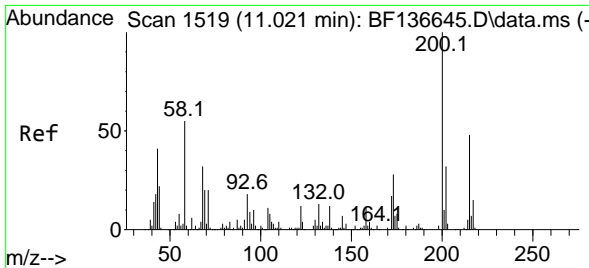
#68
 Hexachlorobenzene
 Concen: 38.612 ng
 RT: 10.927 min Scan# 1503
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30



Tgt Ion: 284 Resp: 181454

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 284 | 100 | | |
| 142 | 32.1 | 23.4 | 35.0 |
| 249 | 29.0 | 22.3 | 33.5 |





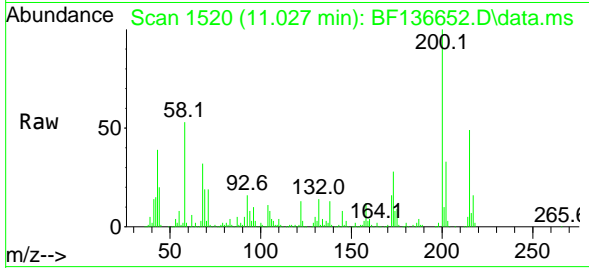
#69
Atrazine
 Concen: 40.187 ng
 RT: 11.027 min Scan# 1519
 Delta R.T. 0.006 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

ClientSampleId :

PB157610BS

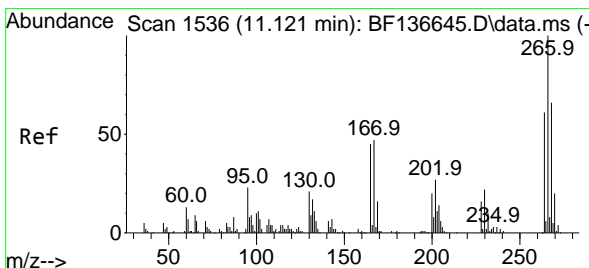
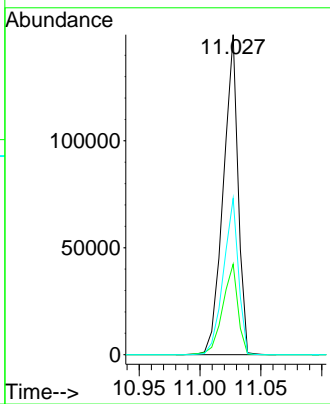
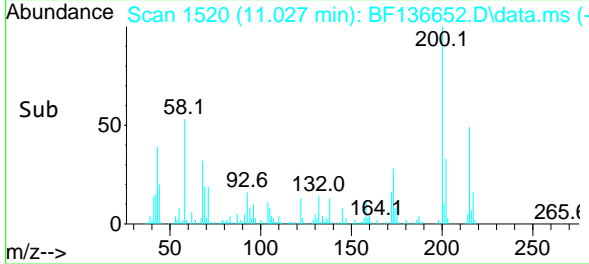


Tgt Ion:200 Resp: 12678
 Ion Ratio Lower Upper
 200 100
 173 28.3 7.6 47.6
 215 48.9 28.3 68.3

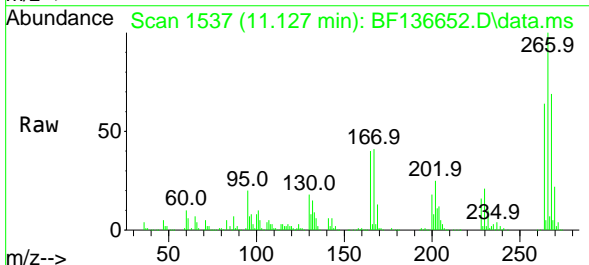
Manual Integrations

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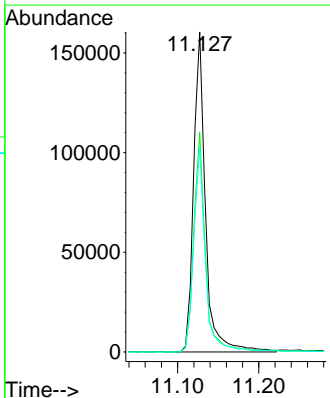
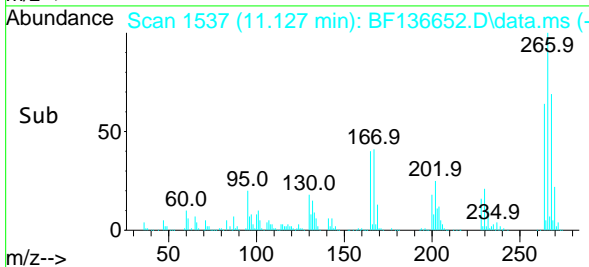
Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023

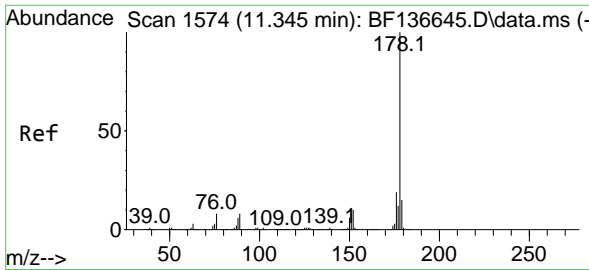


#70
Pentachlorophenol
 Concen: 75.081 ng
 RT: 11.127 min Scan# 1537
 Delta R.T. 0.006 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30



Tgt Ion:266 Resp: 164464
 Ion Ratio Lower Upper
 266 100
 268 68.6 52.6 78.8
 264 64.0 49.0 73.4





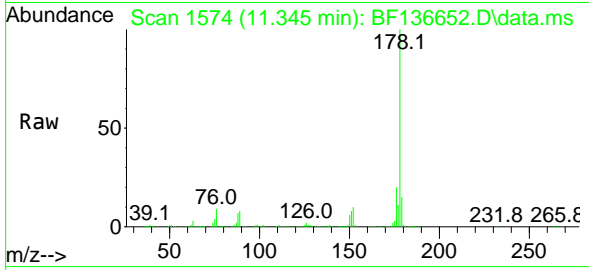
#71
 Phenanthrene
 Concen: 40.883 ng
 RT: 11.345 min Scan# 1574
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

Client Sample ID :

PB157610BS



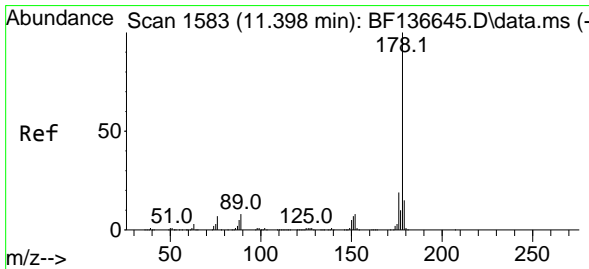
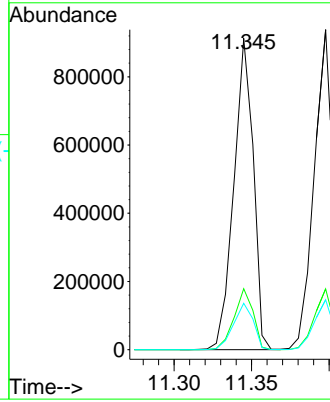
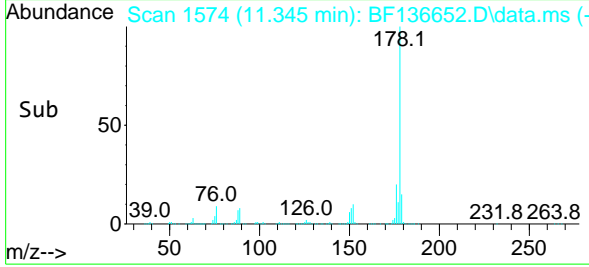
Tgt Ion:178 Resp: 79653
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.3 22.9
 179 14.9 11.9 17.9

Manual Integrations

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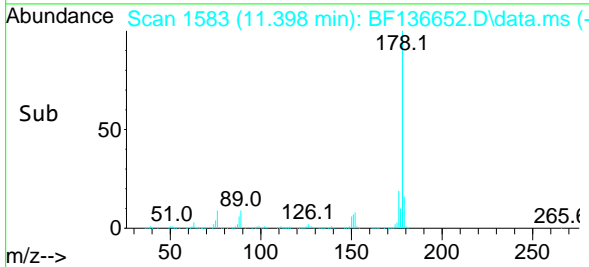
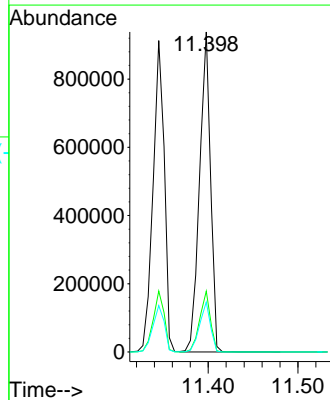
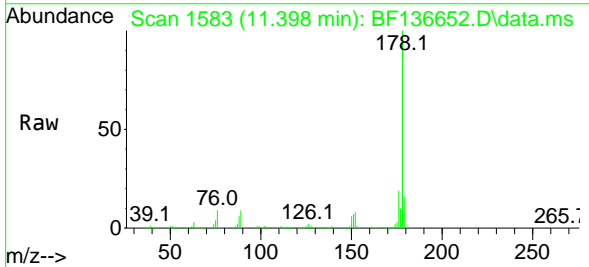
Reviewed By :Yogesh Patel 12/21/2023

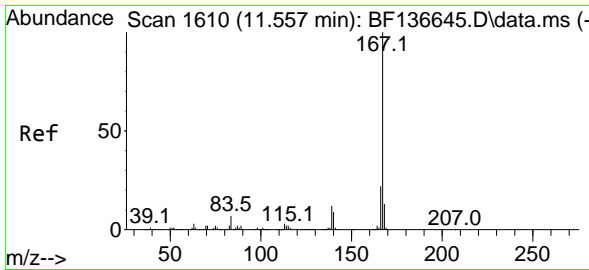
Supervised By :mohammad ahmed 12/21/2023



#72
 Anthracene
 Concen: 40.496 ng
 RT: 11.398 min Scan# 1583
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Tgt Ion:178 Resp: 799049
 Ion Ratio Lower Upper
 178 100
 176 19.0 14.9 22.3
 179 15.6 11.8 17.6





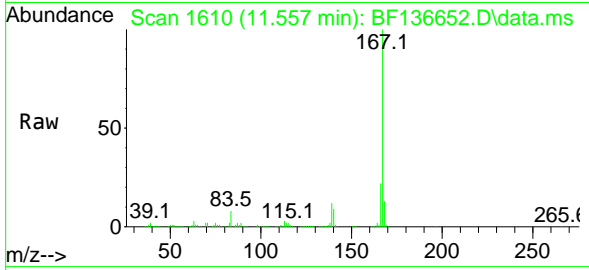
#73
 Carbazole
 Concen: 39.735 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

Client Sample Id :

PB157610BS



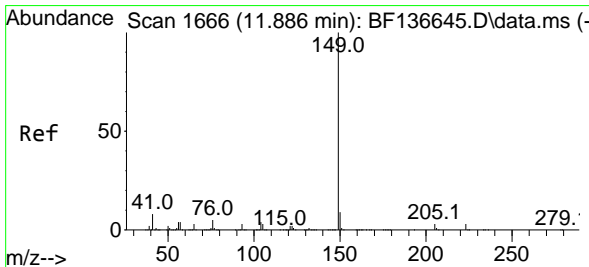
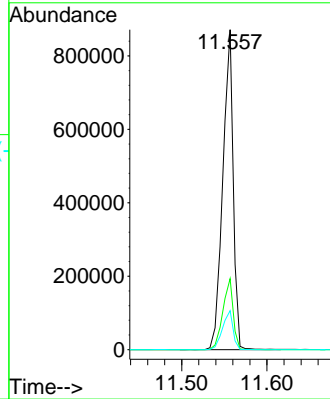
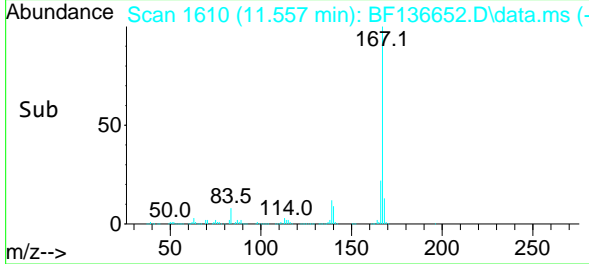
Tgt Ion:167 Resp: 739199
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.3 25.9
 139 12.2 9.8 14.6

Manual Integrations

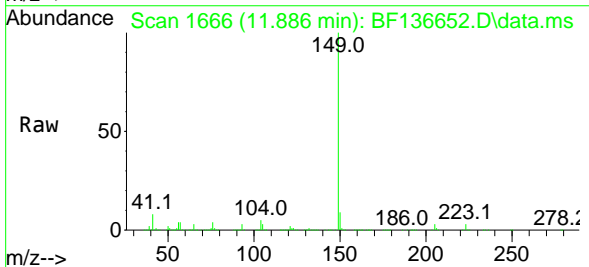
APPROVED

Reviewed By :Yogesh Patel 12/21/2023

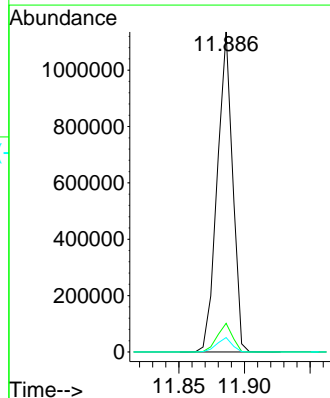
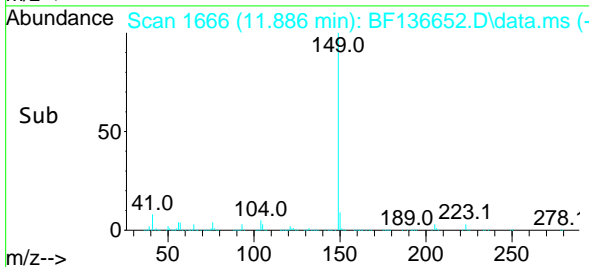
Supervised By :mohammad ahmed 12/21/2023

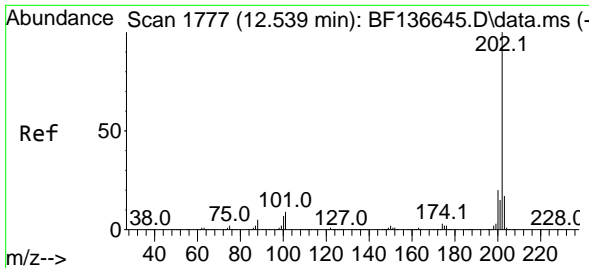


#74
 Di-n-butylphthalate
 Concen: 40.756 ng
 RT: 11.886 min Scan# 1666
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30



Tgt Ion:149 Resp: 925185
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 4.5 3.6 5.4





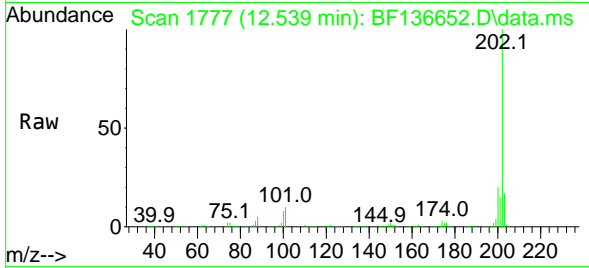
#75
 Fluoranthene
 Concen: 39.529 ng
 RT: 12.539 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

Client Sample Id :

PB157610BS



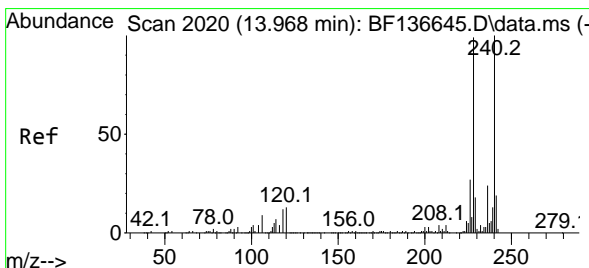
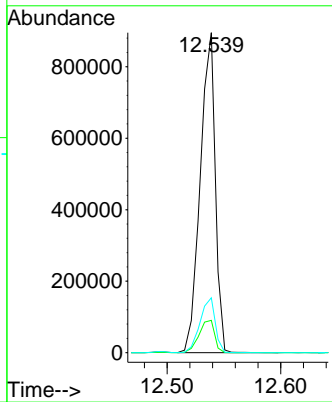
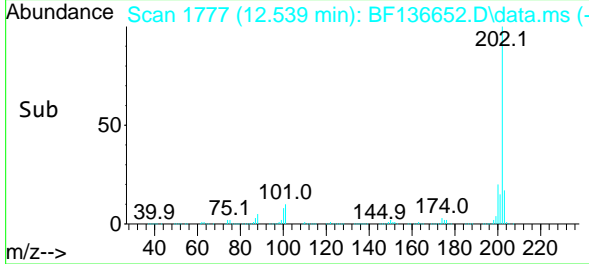
Tgt Ion: 202 Resp: 823800
 Ion Ratio Lower Upper
 202 100
 101 10.1 0.0 29.3
 203 17.2 0.0 37.1

Manual Integrations

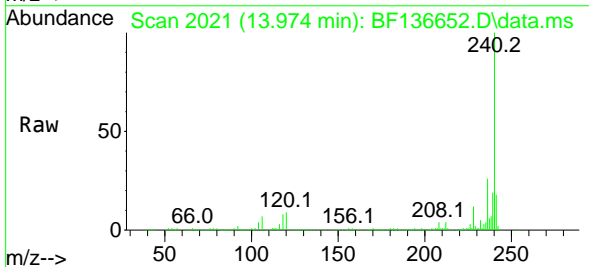
APPROVED

Reviewed By : Yogesh Patel 12/21/2023

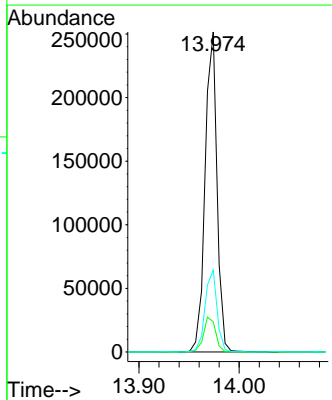
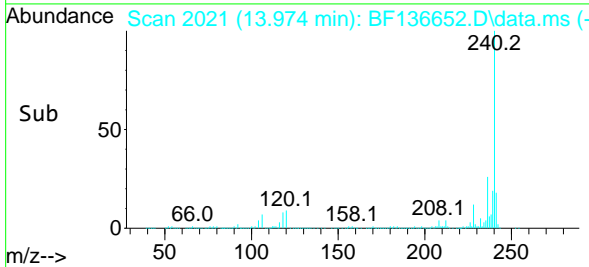
Supervised By : mohammad ahmed 12/21/2023

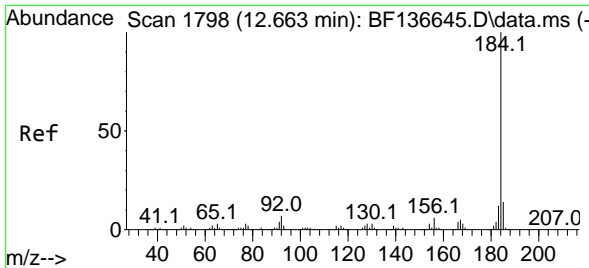


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.974 min Scan# 2021
 Delta R.T. 0.006 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30



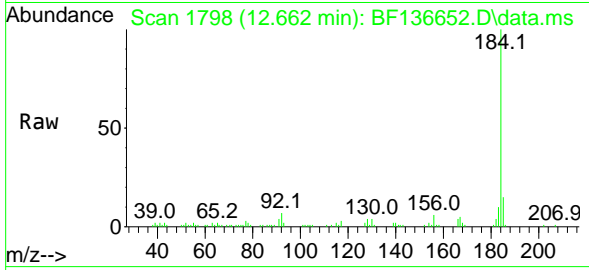
Tgt Ion: 240 Resp: 208632
 Ion Ratio Lower Upper
 240 100
 120 9.4 10.3 15.5#
 236 25.6 19.4 29.2





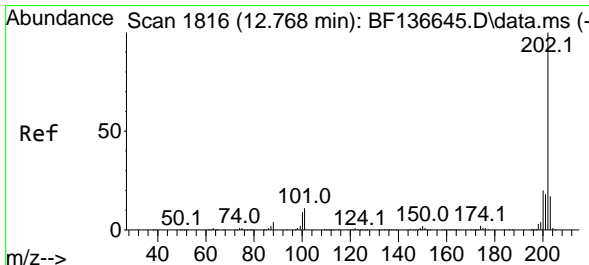
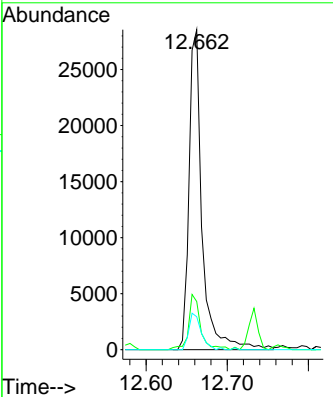
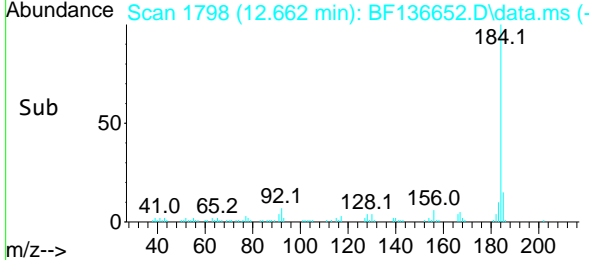
#77
 Benzidine
 Concen: 5.202 ng
 RT: 12.662 min Scan# 1798
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Instrument : BNA_F
 Client Sample Id : PB157610BS



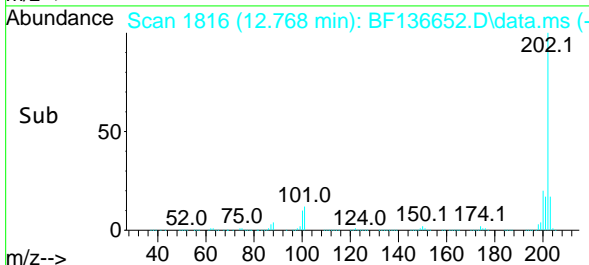
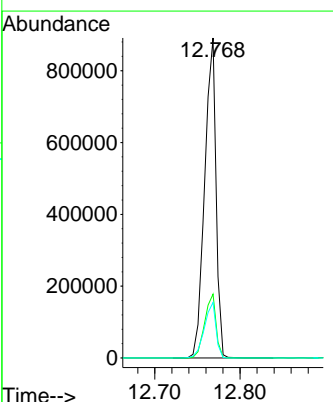
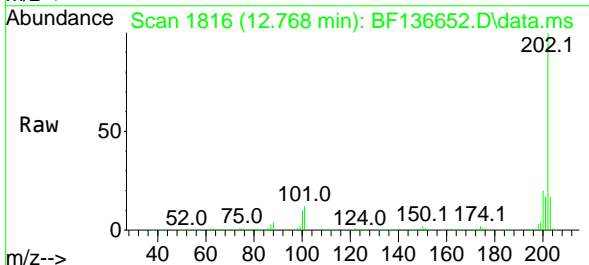
Tgt Ion:184 Resp: 3198
 Ion Ratio Lower Upper
 184 100
 185 15.1 11.2 16.8
 183 10.3 9.3 13.9

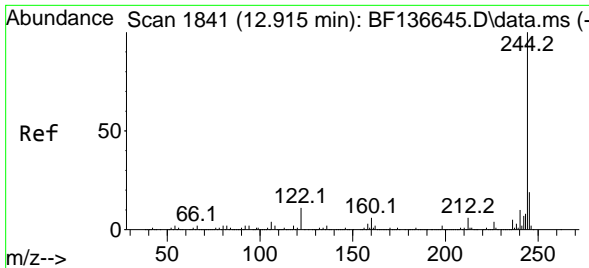
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023



#78
 Pyrene
 Concen: 40.317 ng
 RT: 12.768 min Scan# 1816
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

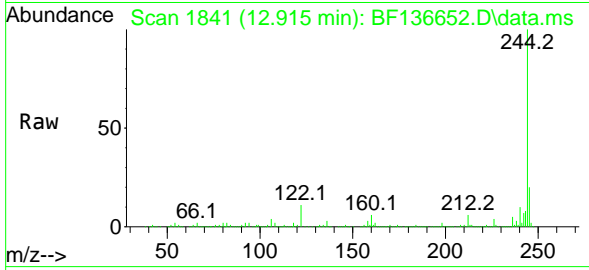
Tgt Ion:202 Resp: 825723
 Ion Ratio Lower Upper
 202 100
 200 19.9 15.9 23.9
 203 17.4 13.8 20.6





#79
 Terphenyl-d14
 Concen: 75.498 ng
 RT: 12.915 min Scan# 1841
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

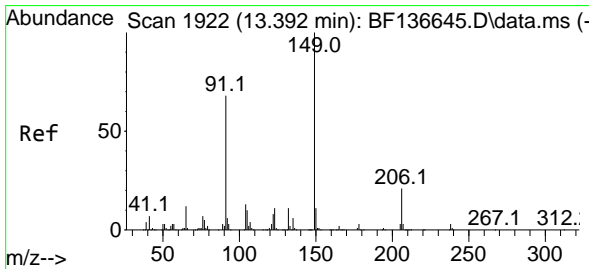
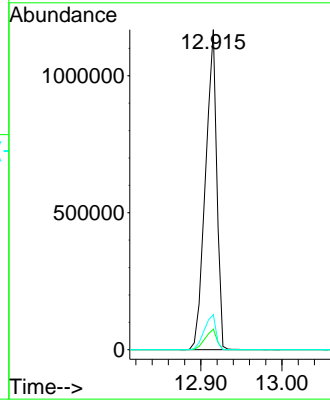
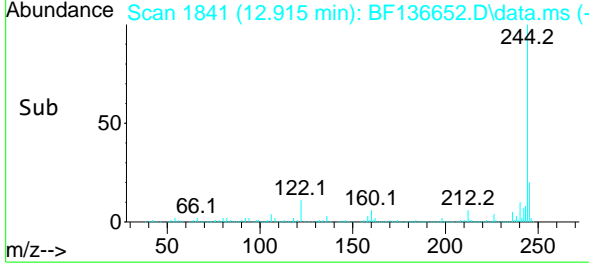
Instrument : BNA_F
 Client Sample ID : PB157610BS



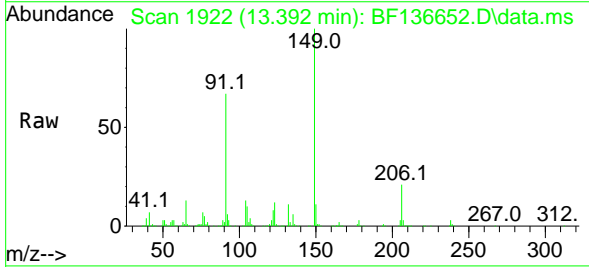
Tgt Ion: 244 Resp: 1127130
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 11.0 9.0 13.4

Manual Integrations
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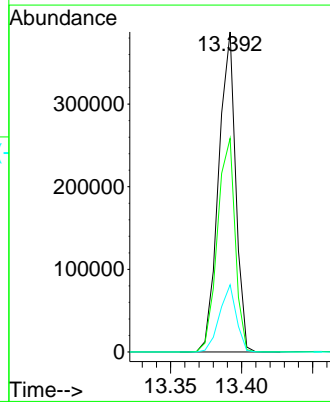
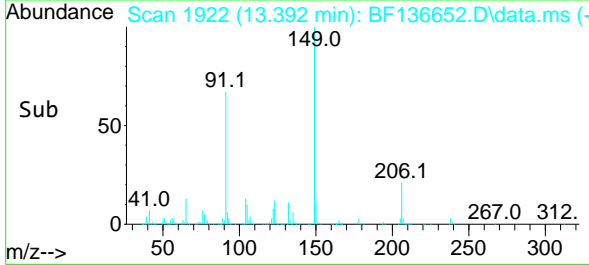
Reviewed By : Yogesh Patel 12/21/2023
 Supervised By : mohammad ahmed 12/21/2023

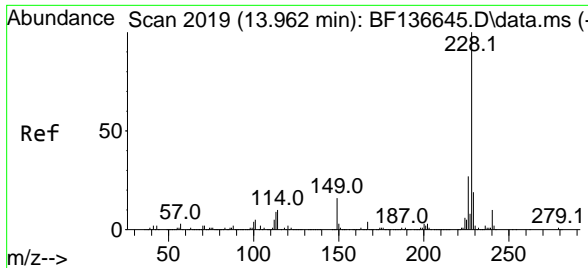


#80
 Butylbenzylphthalate
 Concen: 43.438 ng
 RT: 13.392 min Scan# 1922
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30



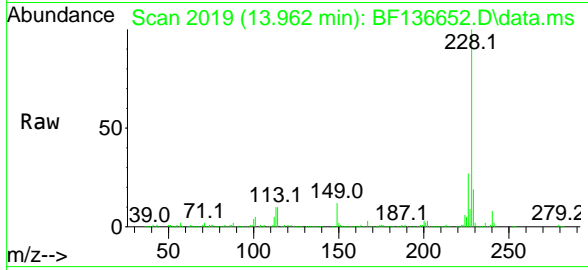
Tgt Ion: 149 Resp: 323712
 Ion Ratio Lower Upper
 149 100
 91 66.7 54.1 81.1
 206 21.0 17.1 25.7





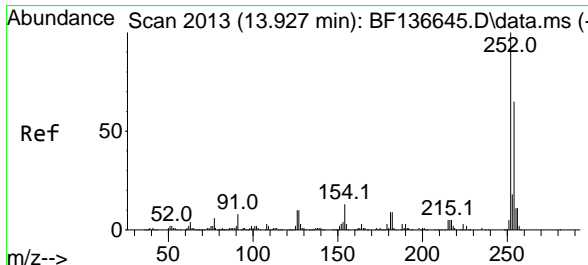
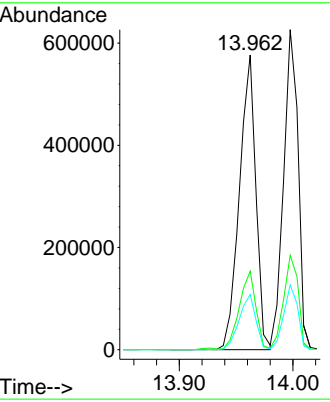
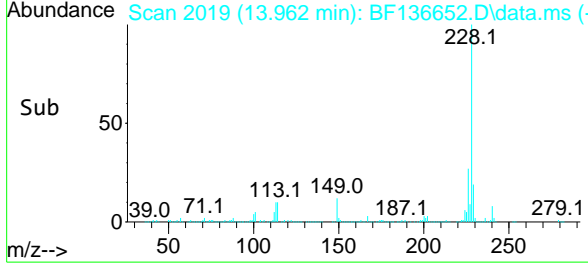
#81
 Benzo(a)anthracene
 Concen: 40.016 ng
 RT: 13.962 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Instrument : BNA_F
 Client Sample Id : PB157610BS

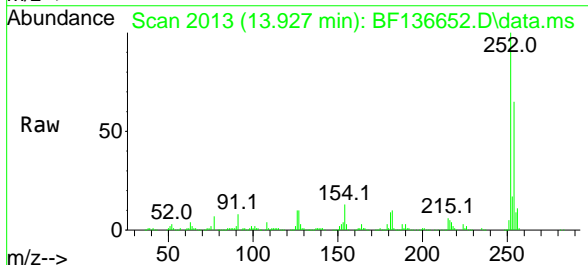


Tgt Ion:228 Resp: 579720
 Ion Ratio Lower Upper
 228 100
 226 26.7 21.4 32.0
 229 18.8 14.9 22.3

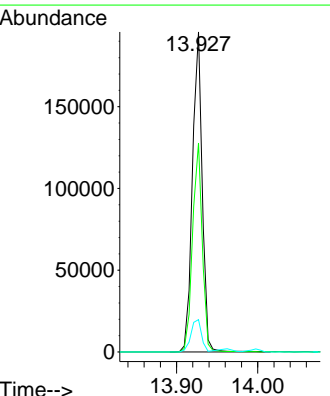
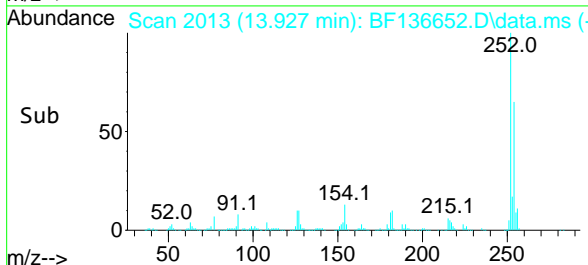
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023

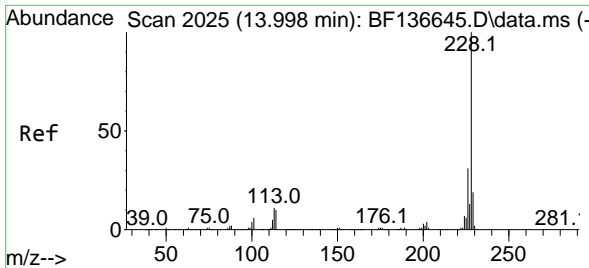


#82
 3,3'-Dichlorobenzidine
 Concen: 39.891 ng
 RT: 13.927 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30



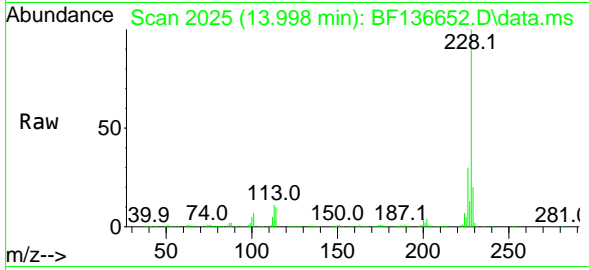
Tgt Ion:252 Resp: 164122
 Ion Ratio Lower Upper
 252 100
 254 65.3 52.2 78.4
 126 10.1 8.0 12.0





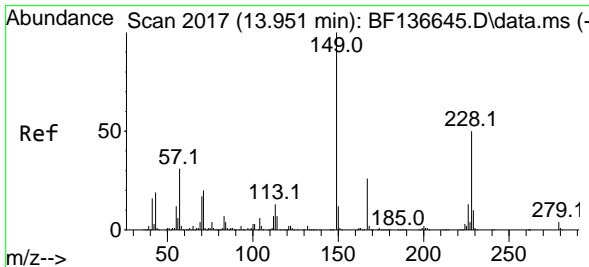
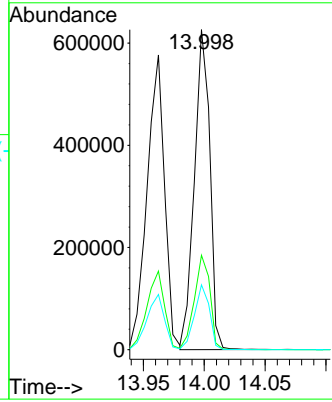
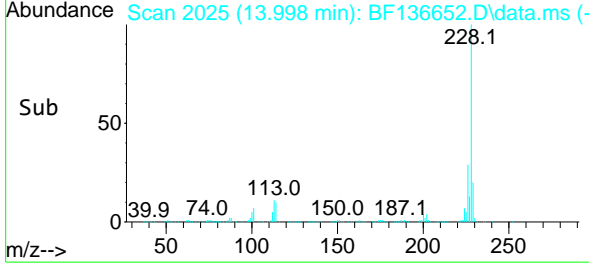
#83
 Chrysene
 Concen: 39.085 ng
 RT: 13.998 min Scan# 2025
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Instrument : BNA_F
 Client Sample Id : PB157610BS

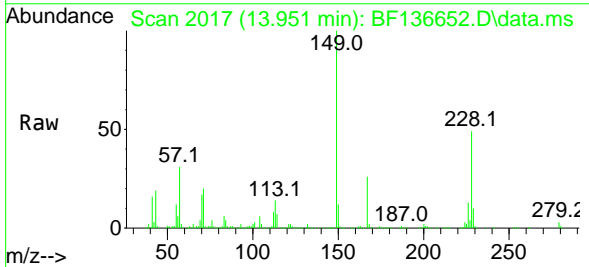


Tgt Ion: 228 Resp: 553710
 Ion Ratio Lower Upper
 228 100
 226 29.5 24.7 37.1
 229 20.3 15.4 23.0

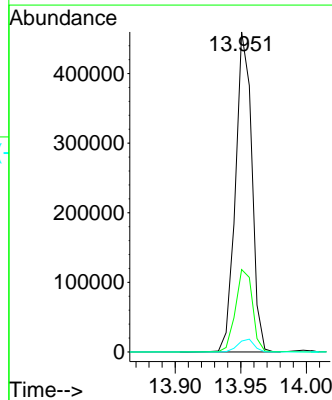
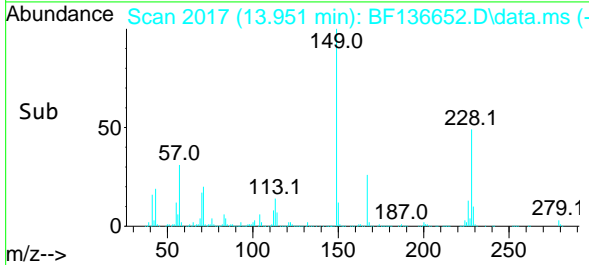
Manual Integrations
APPROVED
 Reviewed By : Yogesh Patel 12/21/2023
 Supervised By : mohammad ahmed 12/21/2023

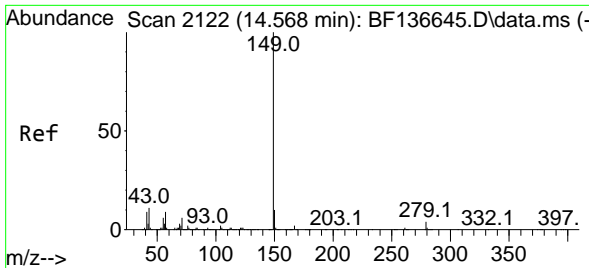


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.531 ng
 RT: 13.951 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30



Tgt Ion: 149 Resp: 398791
 Ion Ratio Lower Upper
 149 100
 167 25.7 20.9 31.3
 279 3.4 2.9 4.3





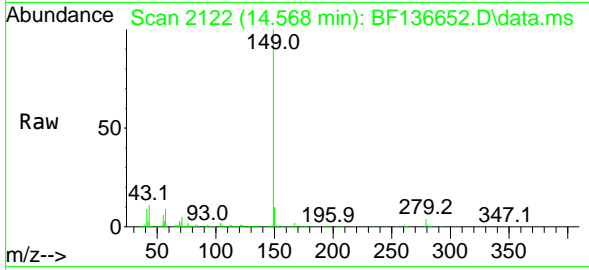
#85
 Di-n-octyl phthalate
 Concen: 42.660 ng
 RT: 14.568 min Scan# 2122
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

Client SampleId :

PB157610BS



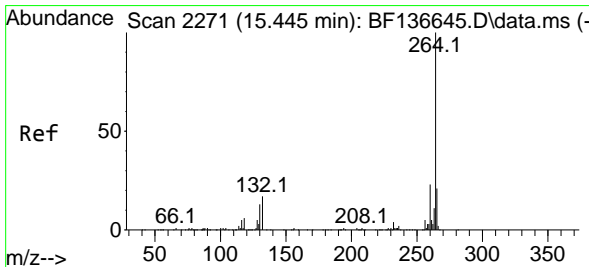
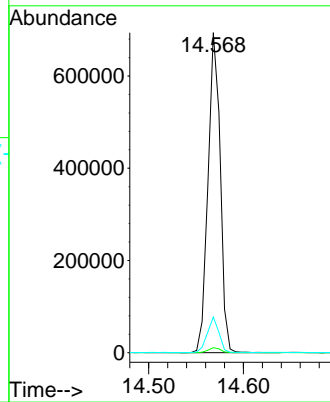
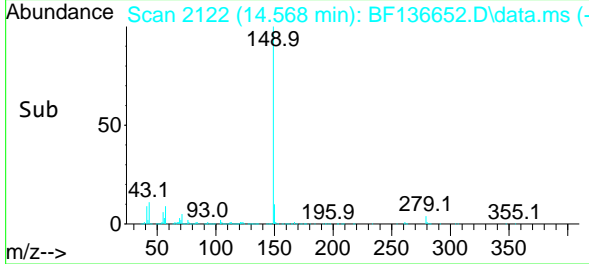
Tgt Ion:149 Resp: 618738
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.5 8.9 13.3

Manual Integrations

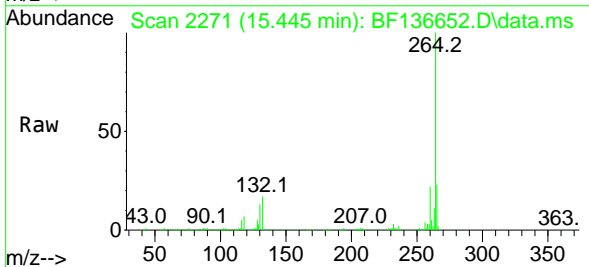
APPROVED

Reviewed By :Yogesh Patel 12/21/2023

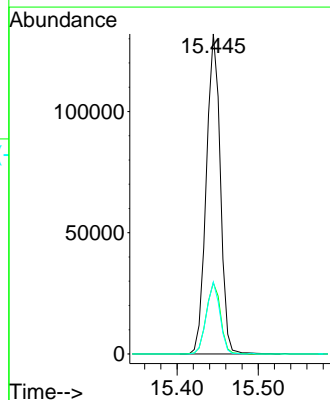
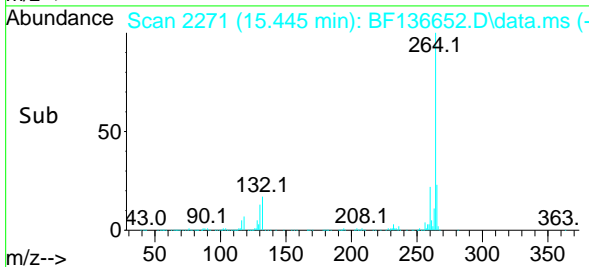
Supervised By :mohammad ahmed 12/21/2023

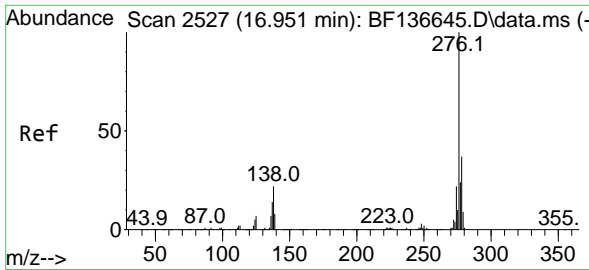


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30



Tgt Ion:264 Resp: 157526
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.3 27.5
 265 22.5 17.0 25.6





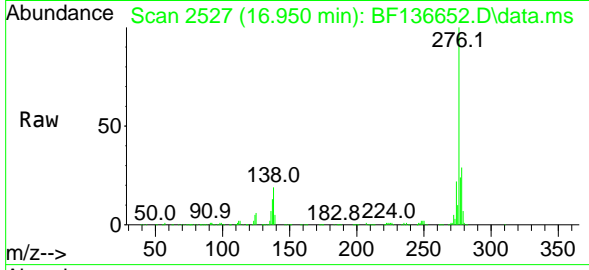
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.793 ng
 RT: 16.950 min Scan# 2198
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

Client Sample Id :

PB157610BS

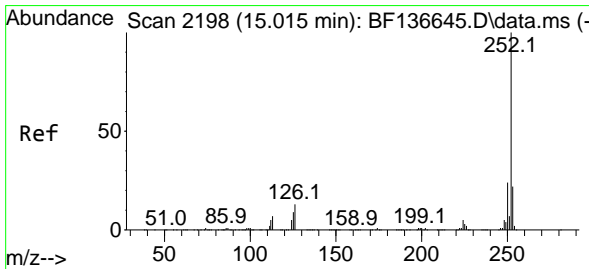
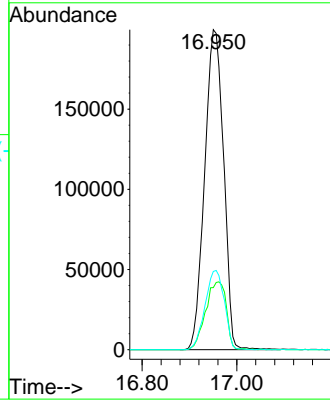
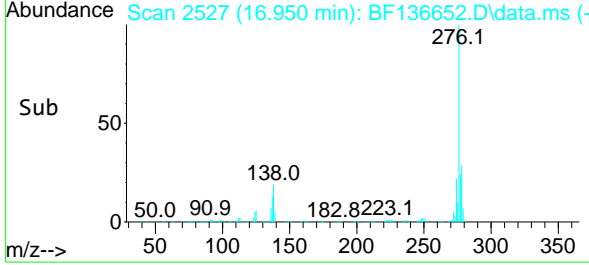


Tgt Ion: 276 Resp: 55494
 Ion Ratio Lower Upper
 276 100
 138 22.9 18.7 28.1
 277 25.2 20.2 30.2

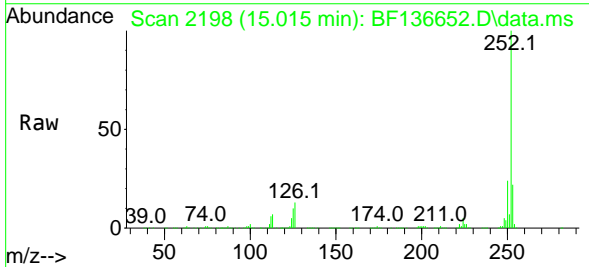
Manual Integrations

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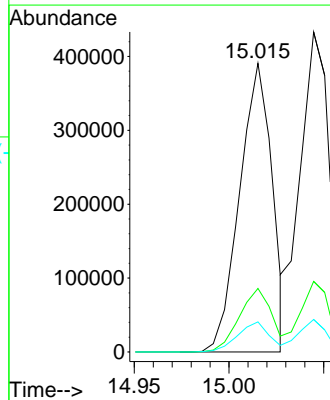
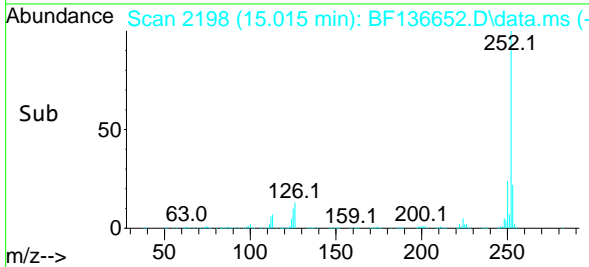
Reviewed By : Yogesh Patel 12/21/2023
 Supervised By : mohammad ahmed 12/21/2023

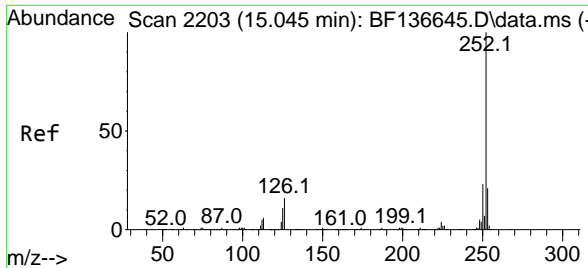


#88
 Benzo(b)fluoranthene
 Concen: 44.427 ng
 RT: 15.015 min Scan# 2198
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30



Tgt Ion: 252 Resp: 467428
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.4 26.0
 125 10.4 7.4 11.2





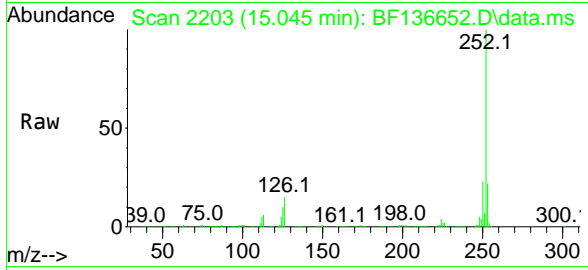
#89
 Benzo(k)fluoranthene
 Concen: 46.593 ng
 RT: 15.045 min Scan# 2203
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

ClientSampleId :

PB157610BS

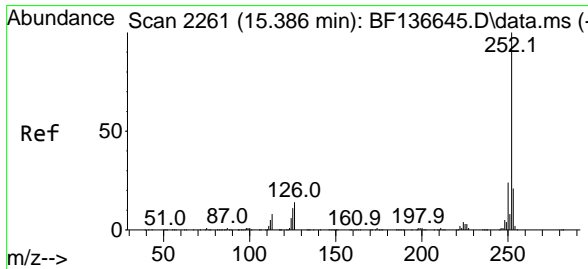
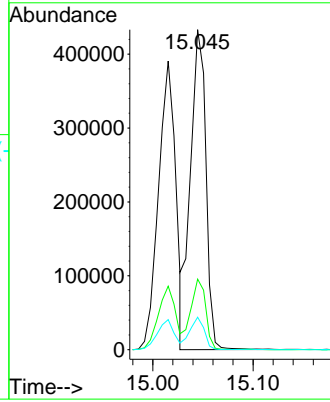
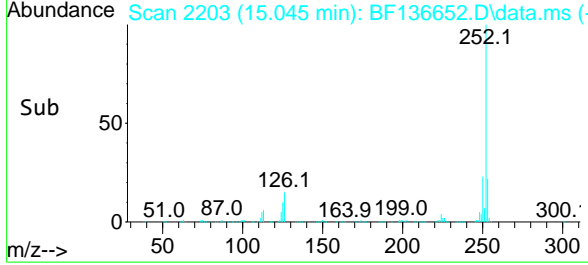


Tgt Ion:252 Resp: 46321
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.0 25.6
 125 10.1 8.2 12.4

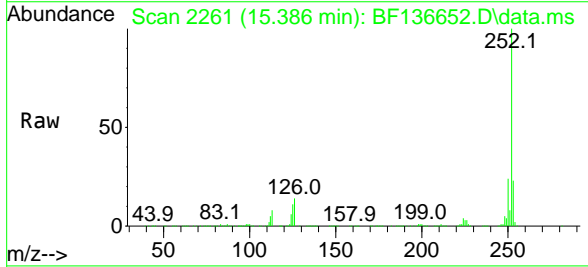
Manual Integrations

APPROVED

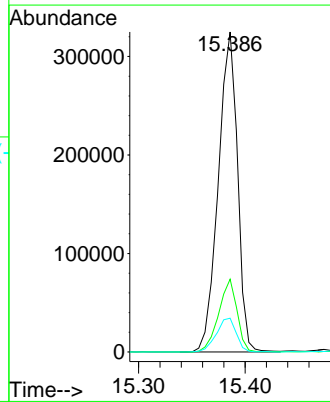
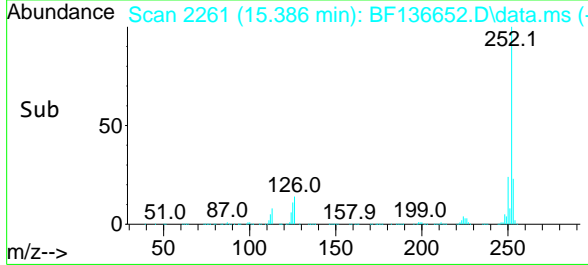
Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023

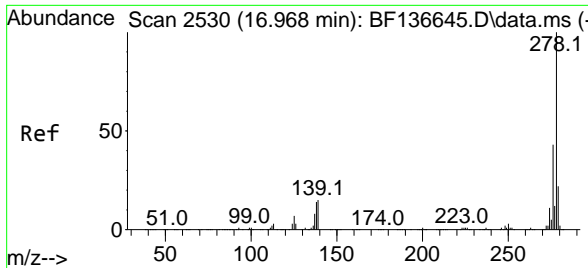


#90
 Benzo(a)pyrene
 Concen: 45.805 ng
 RT: 15.386 min Scan# 2261
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30



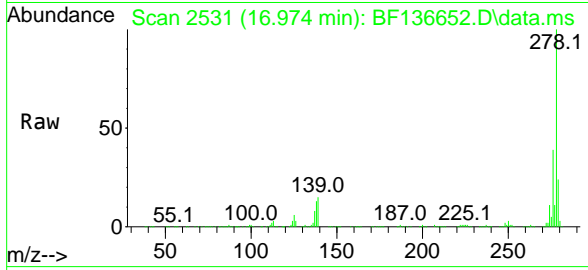
Tgt Ion:252 Resp: 406794
 Ion Ratio Lower Upper
 252 100
 253 22.7 17.0 25.6
 125 10.6 8.8 13.2





#91
 Dibenzo(a,h)anthracene
 Concen: 49.676 ng
 RT: 16.974 min Scan# 2531
 Delta R.T. 0.006 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

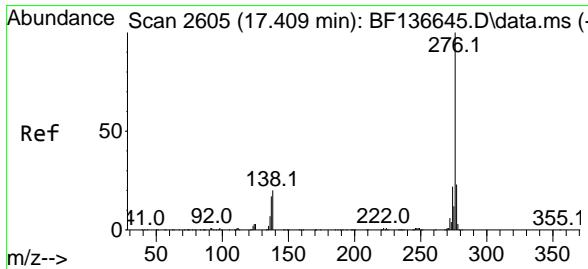
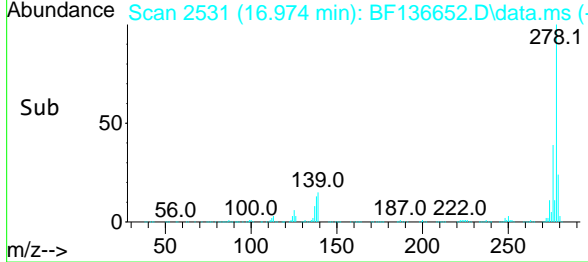
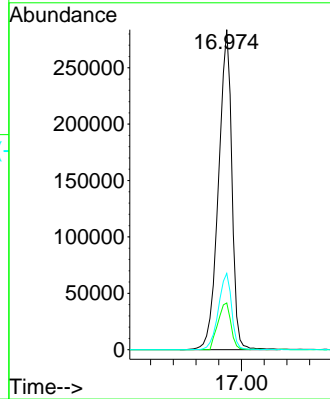
Instrument : BNA_F
 ClientSampleId : PB157610BS



Tgt Ion: 278 Resp: 463520
 Ion Ratio Lower Upper
 278 100
 139 14.6 12.2 18.4
 279 23.9 17.8 26.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023



#92
 Benzo(g,h,i)perylene
 Concen: 48.277 ng
 RT: 17.409 min Scan# 2605
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Tgt Ion: 276 Resp: 461370
 Ion Ratio Lower Upper
 276 100
 277 23.2 18.3 27.5
 138 20.5 15.6 23.4

