

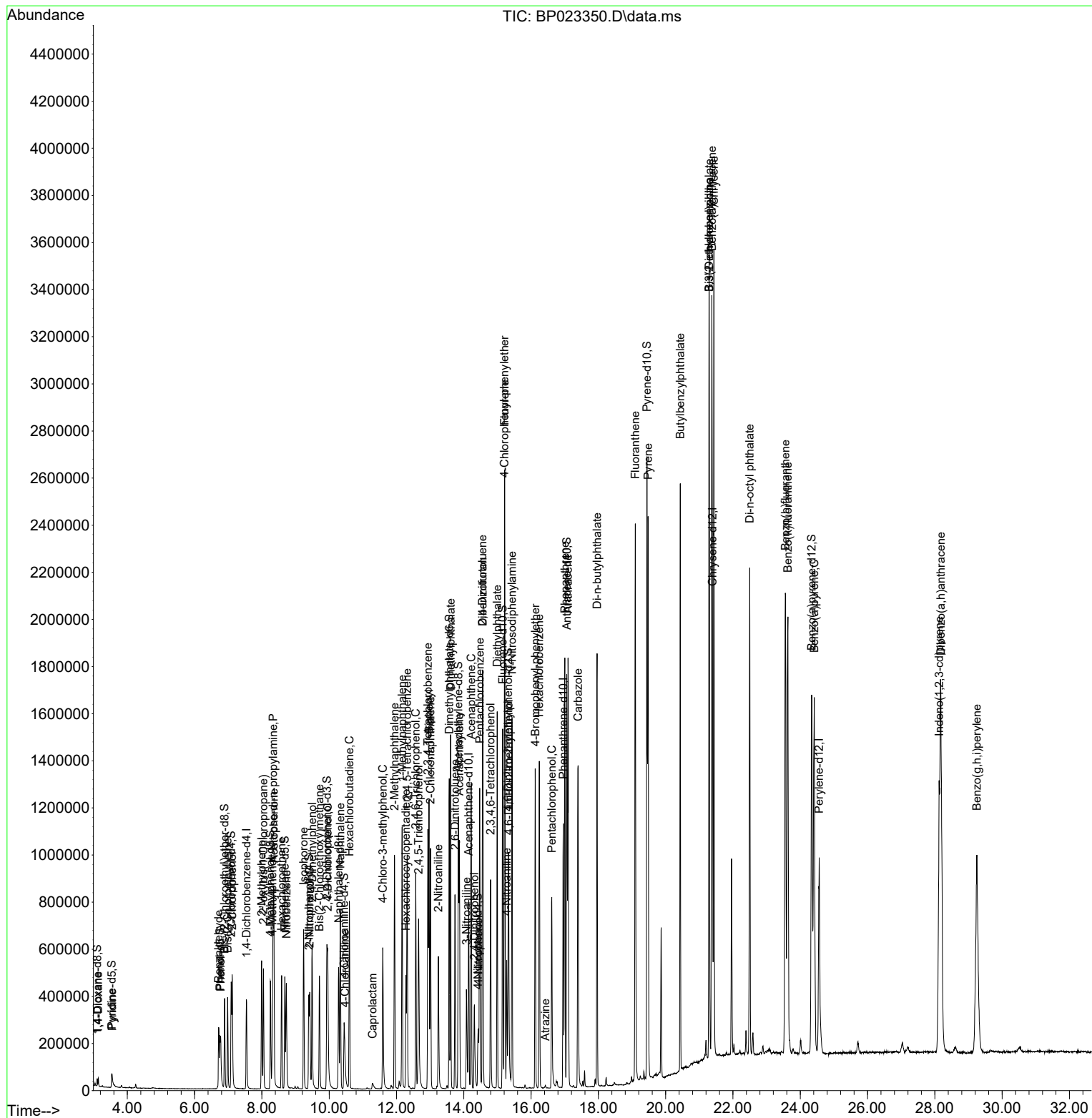
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 Data File : BP023350.D
 Acq On : 10 Dec 2024 17:14
 Operator : RC/JU
 Sample : P5107-22MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

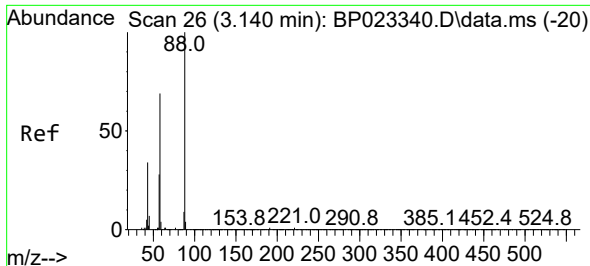
Instrument :
 BNA_P
 ClientSampleId :
 BHJ99MSD

Quant Time: Dec 11 02:15:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 00:30:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

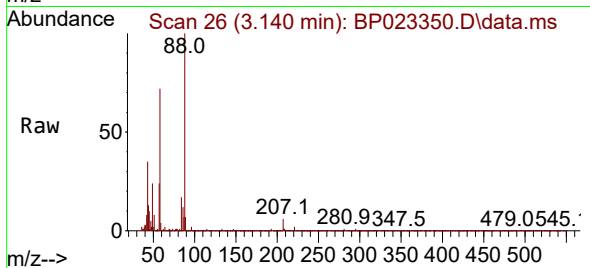
Reviewed By :Yogesh Patel 12/12/2024
 Supervised By :mohammad ahmed 12/13/2024





#2
1,4-Dioxane
Concen: 5.041 ng/uL
RT: 3.140 min Scan# 20
Delta R.T. -0.000 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14

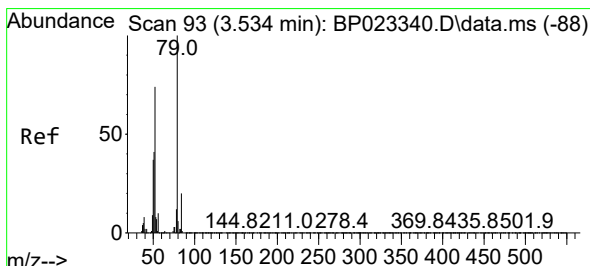
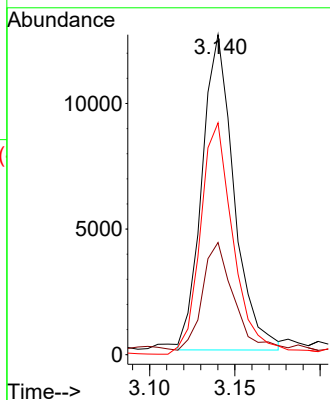
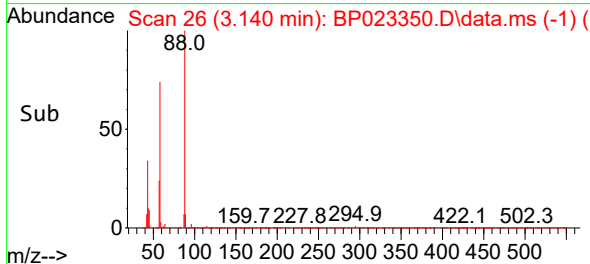
Instrument :
BNA_P
ClientSampleId :
BHJ99MSD



Tgt Ion: 88 Resp: 16410
Ion Ratio Lower Upper
88 100
43 35.0 22.9 34.3
58 72.4 53.1 79.7

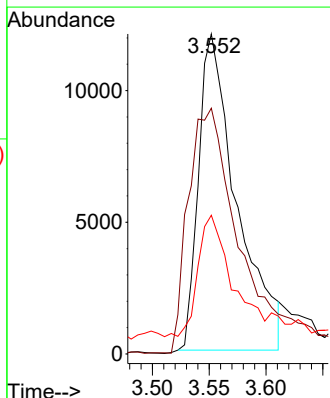
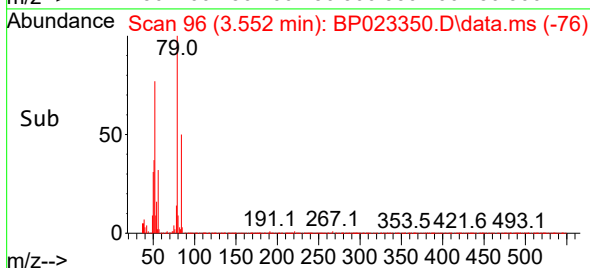
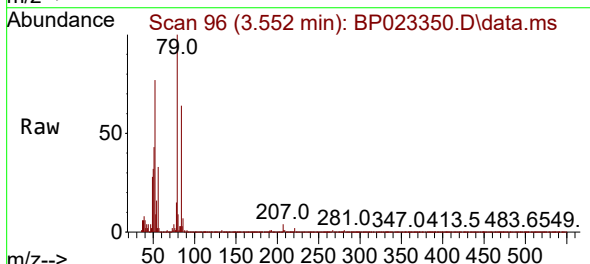
Manual Integrations
APPROVED

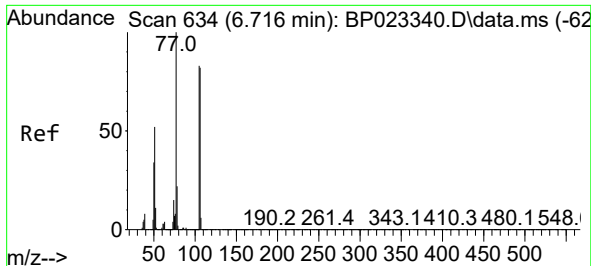
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/13/2024



#5
Pyridine
Concen: 3.641 ng/uL
RT: 3.552 min Scan# 96
Delta R.T. 0.018 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14

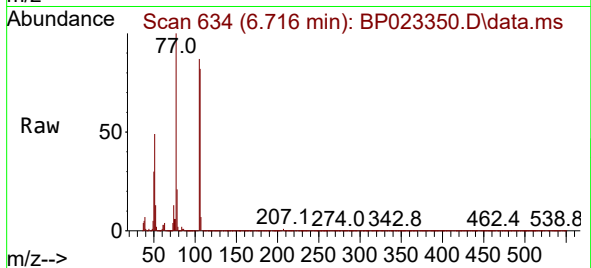
Tgt Ion: 79 Resp: 28135
Ion Ratio Lower Upper
79 100
52 76.8 60.8 91.2
51 43.3 30.7 46.1





#6
Benzaldehyde
Concen: 21.706 ng/ul m
RT: 6.716 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14

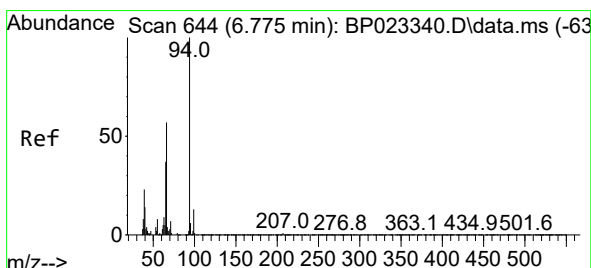
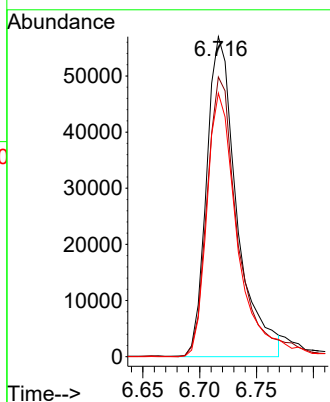
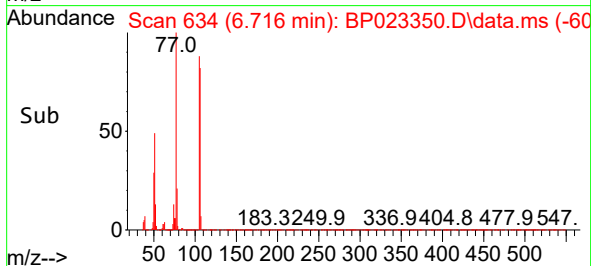
Instrument :
BNA_P
ClientSampleId :
BHJ99MSD



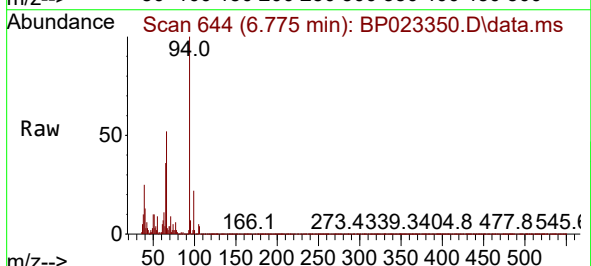
Tgt Ion: 77 Resp: 10545
Ion Ratio Lower Upper
77 100
105 87.4 70.6 106.0
106 82.4 67.4 101.0

Manual Integrations
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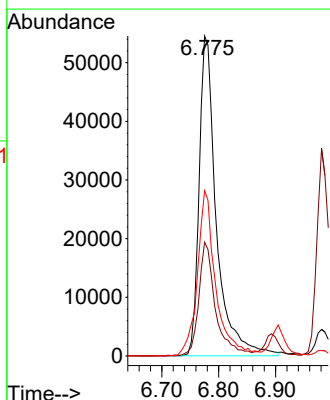
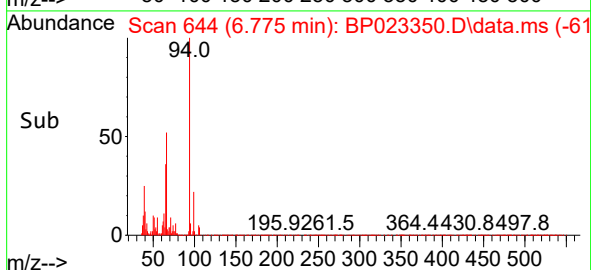
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/13/2024

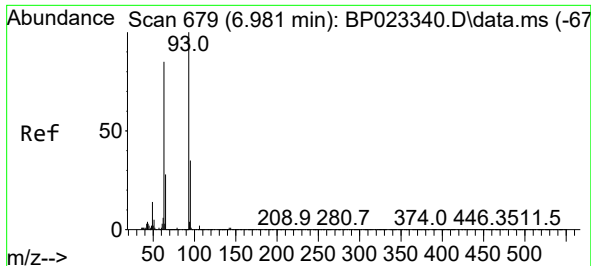


#8
Phenol
Concen: 13.015 ng/ul
RT: 6.775 min Scan# 644
Delta R.T. -0.000 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14



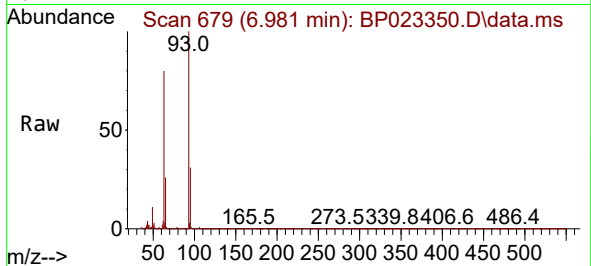
Tgt Ion: 94 Resp: 115148
Ion Ratio Lower Upper
94 100
65 35.6 28.0 42.0
66 51.7 42.0 63.0





#10
Bis(2-Chloroethyl)ether
Concen: 29.996 ng/ul
RT: 6.981 min Scan# 679
Delta R.T. -0.000 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14

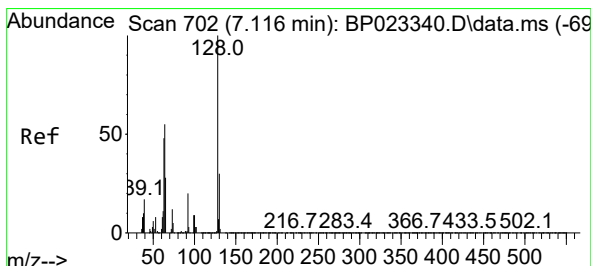
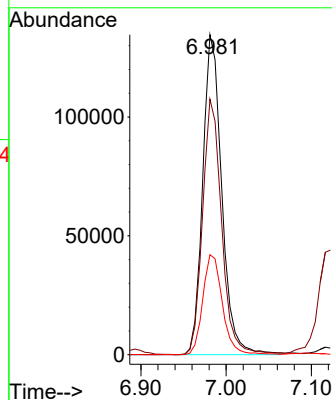
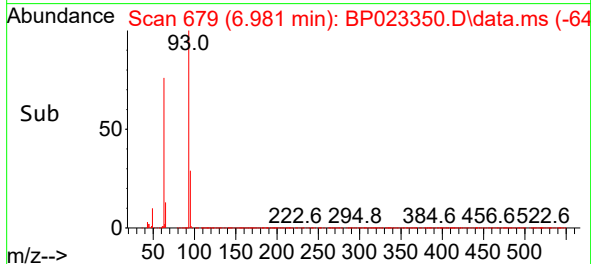
Instrument :
BNA_P
ClientSampleId :
BHJ99MSD



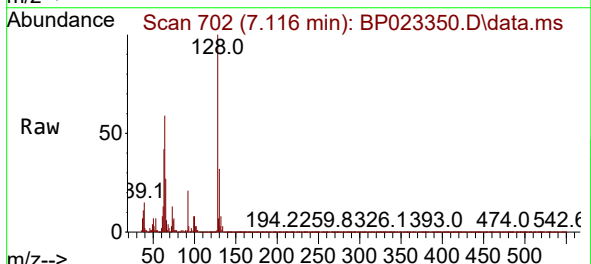
Tgt Ion: 93 Resp: 209484
Ion Ratio Lower Upper
93 100
63 79.9 61.3 91.9
95 31.2 25.4 38.0

Manual Integrations
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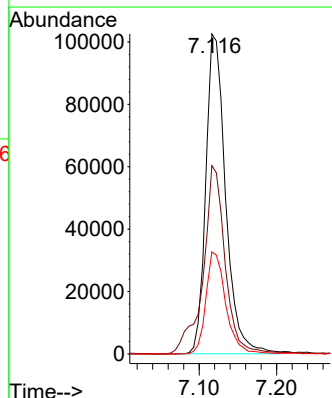
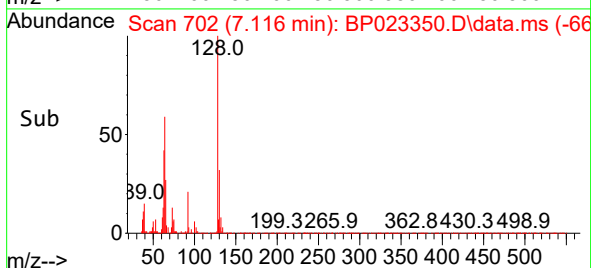
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/13/2024

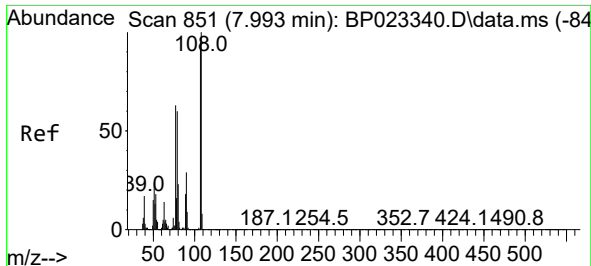


#12
2-Chlorophenol
Concen: 27.696 ng/ul
RT: 7.116 min Scan# 702
Delta R.T. -0.000 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14



Tgt Ion:128 Resp: 182112
Ion Ratio Lower Upper
128 100
64 58.8 44.8 67.2
130 31.9 24.7 37.1





#13

2-Methylphenol

Concen: 24.994 ng/ul

RT: 7.993 min Scan# 851

Delta R.T. -0.000 min

Lab File: BP023350.D

Acq: 10 Dec 2024 17:14

Instrument :

BNA_P

ClientSampleId :

BHJ99MSD

Tgt Ion:108 Resp: 16399

Ion Ratio Lower Upper

108 100

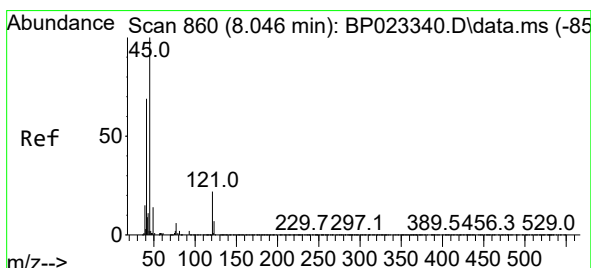
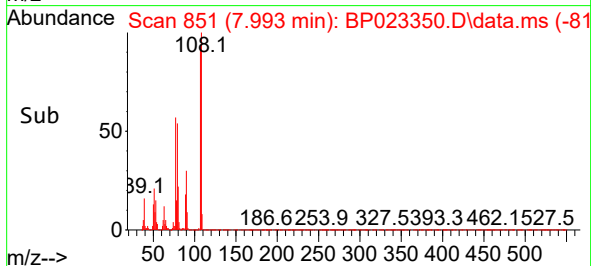
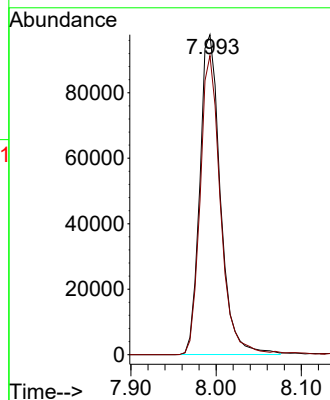
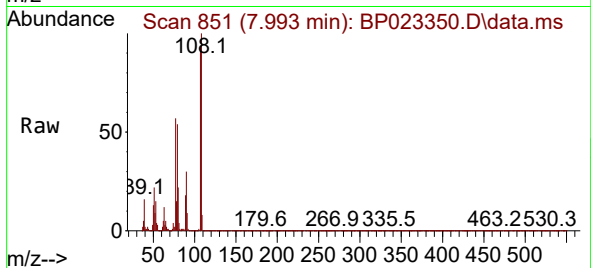
107 93.4 73.8 110.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/13/2024



#14

2,2'-oxybis(1-Chloropropane)

Concen: 30.811 ng/ul

RT: 8.046 min Scan# 860

Delta R.T. -0.000 min

Lab File: BP023350.D

Acq: 10 Dec 2024 17:14

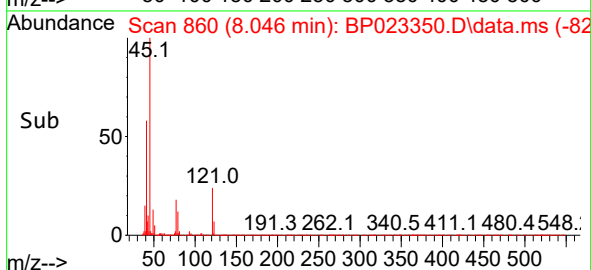
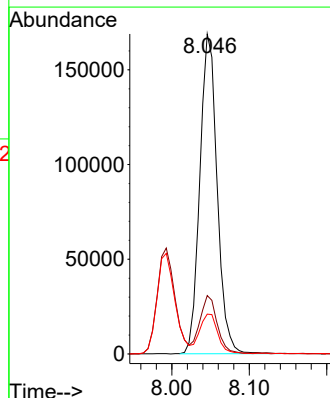
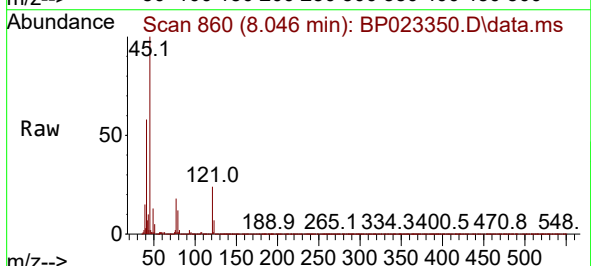
Tgt Ion: 45 Resp: 261668

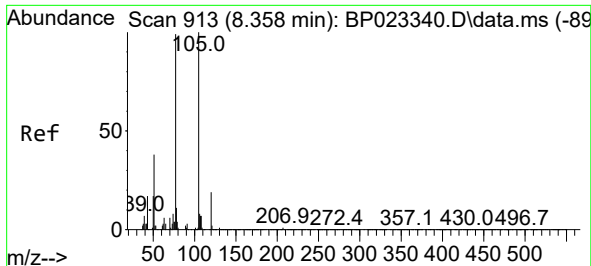
Ion Ratio Lower Upper

45 100

77 18.3 13.9 20.9

79 12.4 11.3 16.9





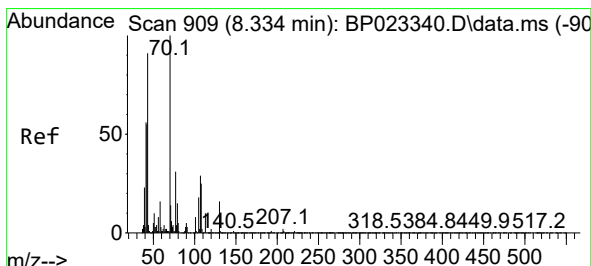
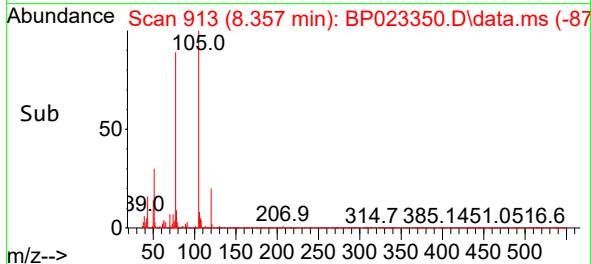
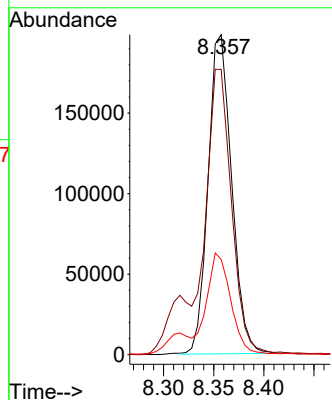
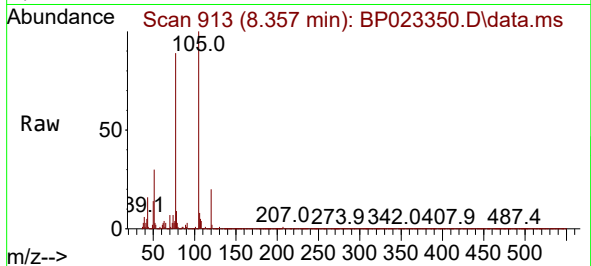
#16
Acetophenone
Concen: 28.120 ng/ul
RT: 8.357 min Scan# 913
Delta R.T. -0.000 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14

Instrument :
BNA_P
ClientSampleId :
BHJ99MSD

Tgt Ion:105 Resp: 32462
Ion Ratio Lower Upper
105 100
77 89.1 71.2 106.8
51 29.7 22.9 34.3

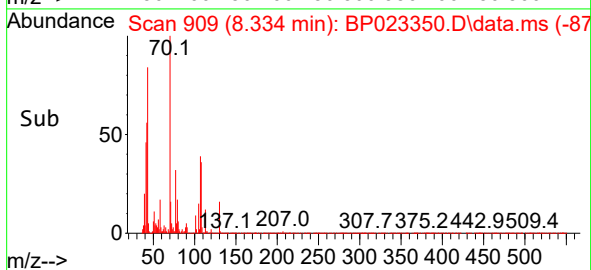
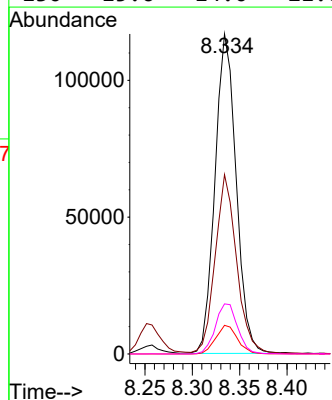
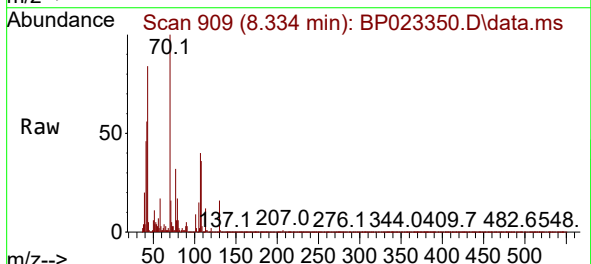
Manual Integrations
APPROVED

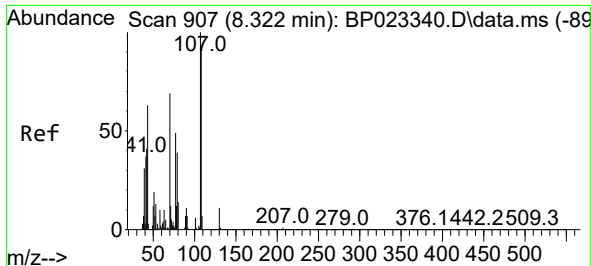
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/13/2024



#17
N-Nitroso-di-n-propylamine
Concen: 28.856 ng/ul
RT: 8.334 min Scan# 909
Delta R.T. -0.000 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14

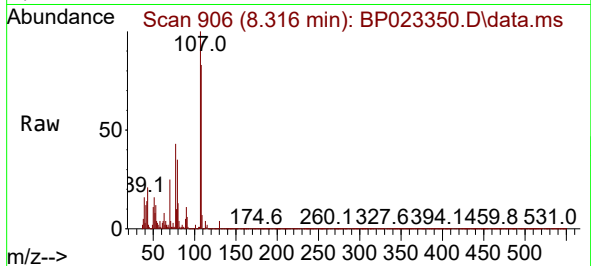
Tgt Ion: 70 Resp: 181511
Ion Ratio Lower Upper
70 100
42 56.0 43.5 65.3
101 8.9 6.8 10.2
130 15.6 14.0 21.0





#18
4-Methylphenol
Concen: 23.684 ng/ul
RT: 8.316 min Scan# 907
Delta R.T. -0.006 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14

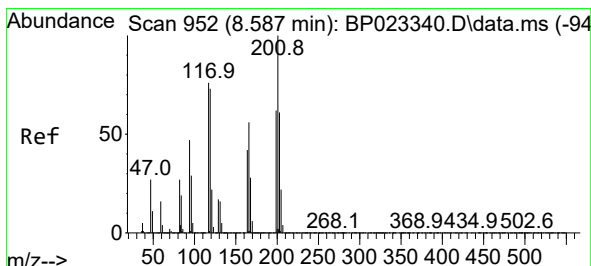
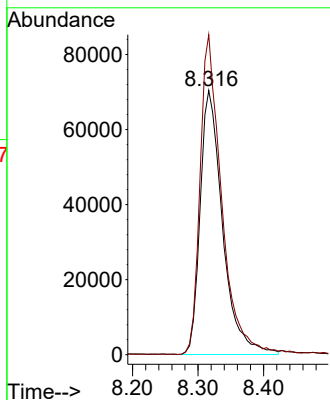
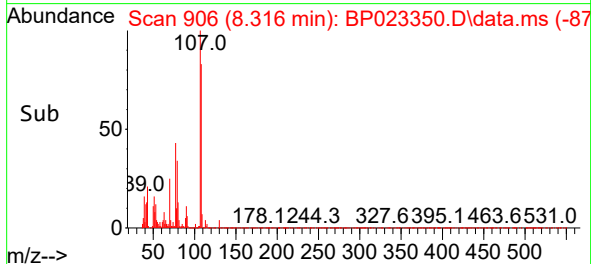
Instrument :
BNA_P
ClientSampleId :
BHJ99MSD



Tgt Ion:108 Resp: 167730
Ion Ratio Lower Upper
108 100
107 121.1 95.1 142.7

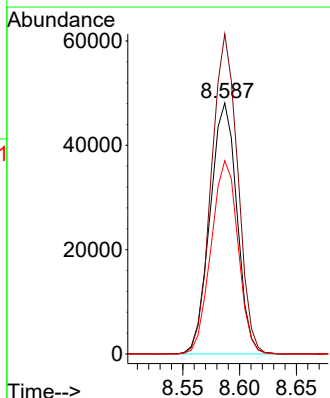
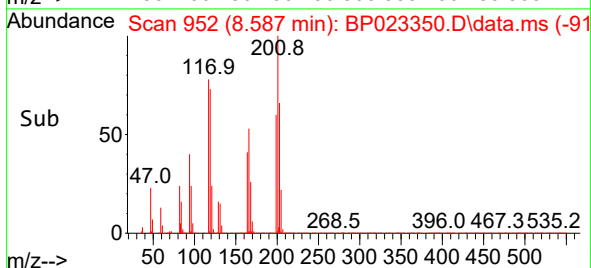
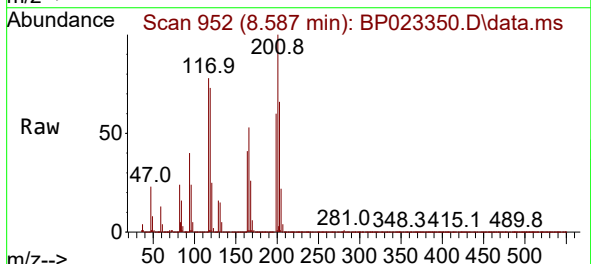
Manual Integrations
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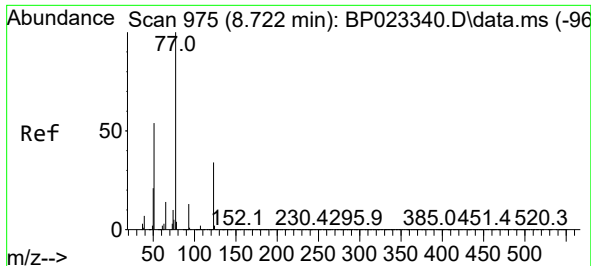
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/13/2024



#19
Hexachloroethane
Concen: 24.718 ng/ul
RT: 8.587 min Scan# 952
Delta R.T. -0.000 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14

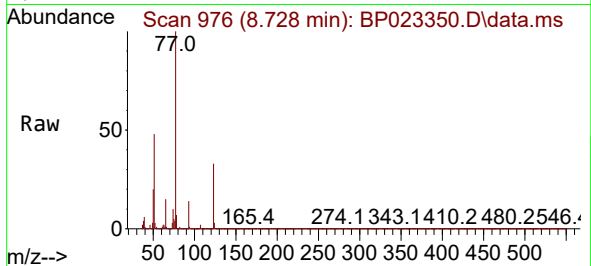
Tgt Ion:117 Resp: 79135
Ion Ratio Lower Upper
117 100
201 127.4 107.0 160.6
199 77.0 62.1 93.1





#22
Nitrobenzene
Concen: 32.257 ng/ul
RT: 8.728 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14

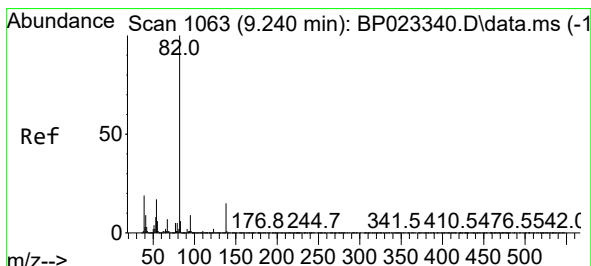
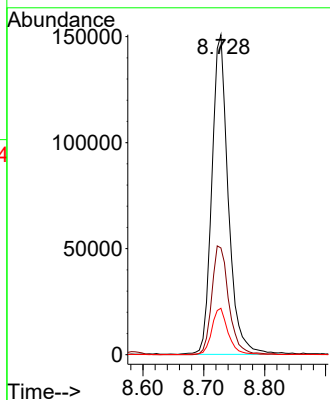
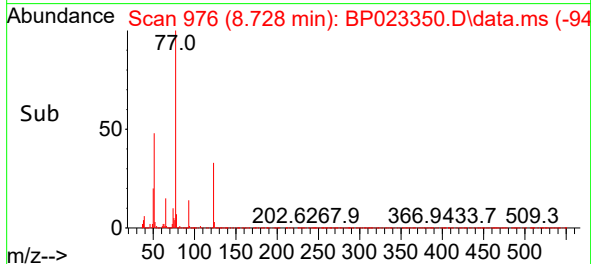
Instrument :
BNA_P
ClientSampleId :
BHJ99MSD



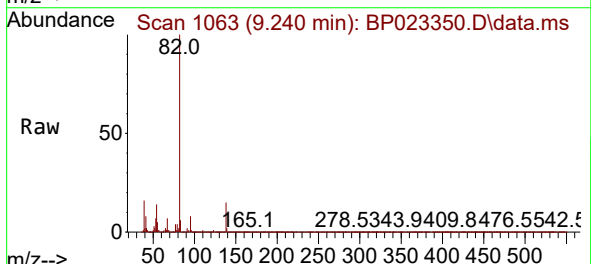
Tgt Ion: 77 Resp: 282550
Ion Ratio Lower Upper
77 100
123 33.4 29.8 44.6
65 14.5 11.0 16.6

Manual Integrations
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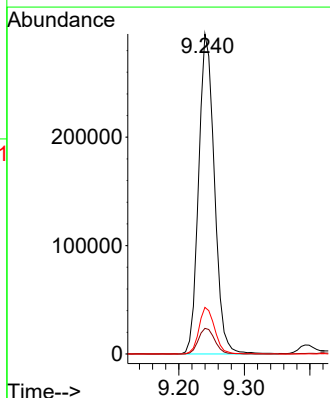
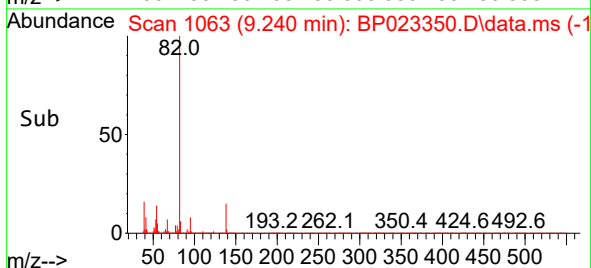
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/13/2024

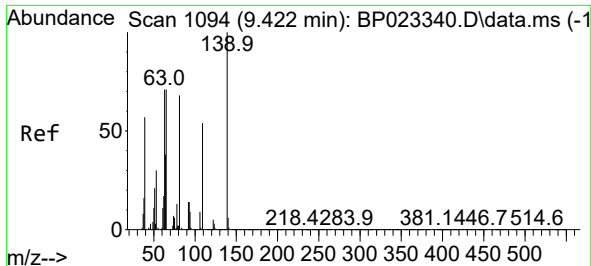


#23
Isophorone
Concen: 31.896 ng/ul
RT: 9.240 min Scan# 1063
Delta R.T. -0.000 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14



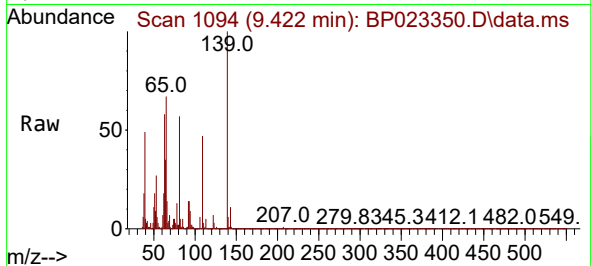
Tgt Ion: 82 Resp: 494865
Ion Ratio Lower Upper
82 100
95 8.0 7.0 10.4
138 14.5 12.0 18.0





#25
2-Nitrophenol
Concen: 31.102 ng/ul
RT: 9.422 min Scan# 110229
Delta R.T. -0.000 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14

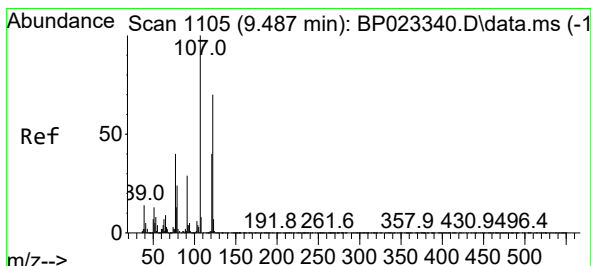
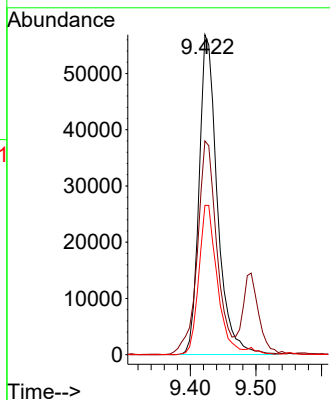
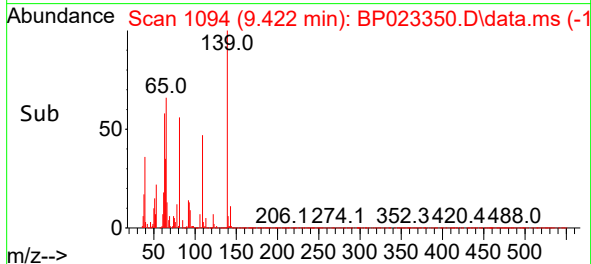
Instrument :
BNA_P
ClientSampleId :
BHJ99MSD



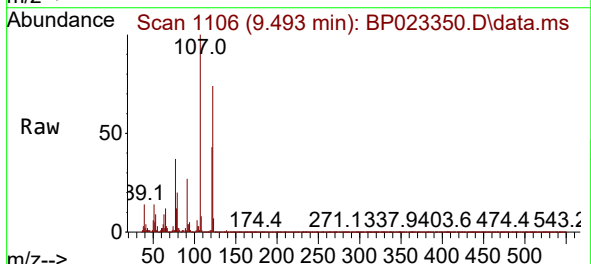
Tgt Ion:139 Resp: 110229
Ion Ratio Lower Upper
139 100
65 66.8 55.1 82.7
109 46.7 39.1 58.7

Manual Integrations
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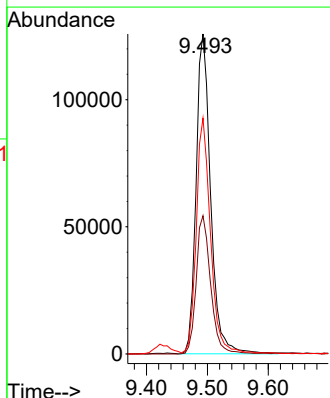
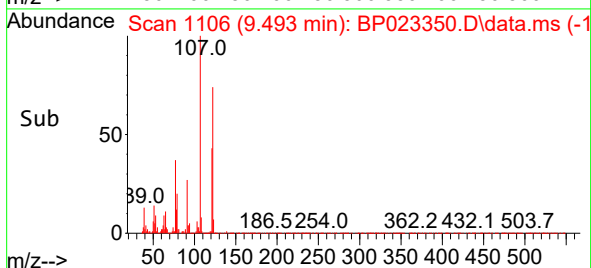
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/13/2024

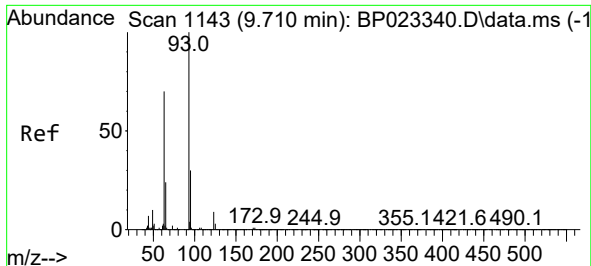


#26
2,4-Dimethylphenol
Concen: 26.570 ng/ul
RT: 9.493 min Scan# 1106
Delta R.T. 0.006 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14



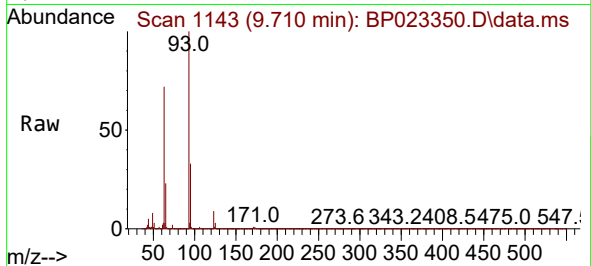
Tgt Ion:107 Resp: 208517
Ion Ratio Lower Upper
107 100
121 43.2 36.6 55.0
122 73.7 58.6 87.8





#27
Bis(2-Chloroethoxy)methane
Concen: 31.656 ng/ul
RT: 9.710 min Scan# 1143
Delta R.T. -0.000 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14

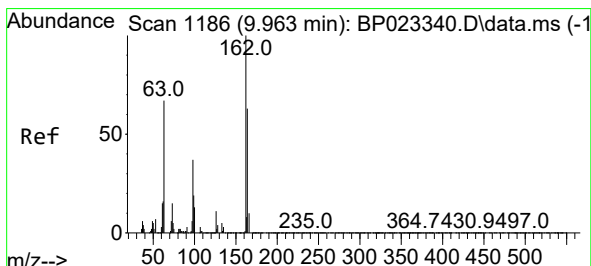
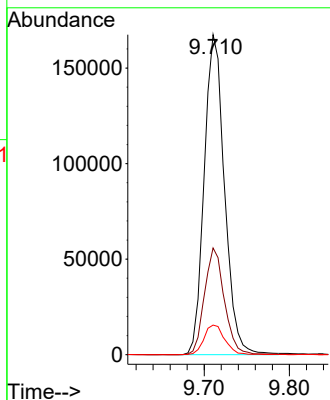
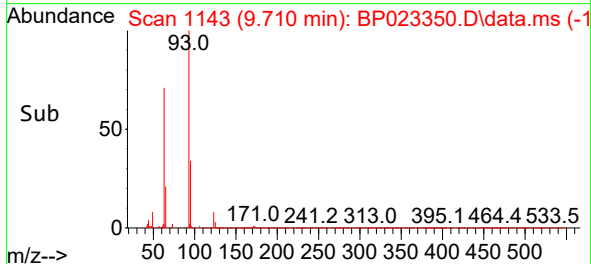
Instrument :
BNA_P
ClientSampleId :
BHJ99MSD



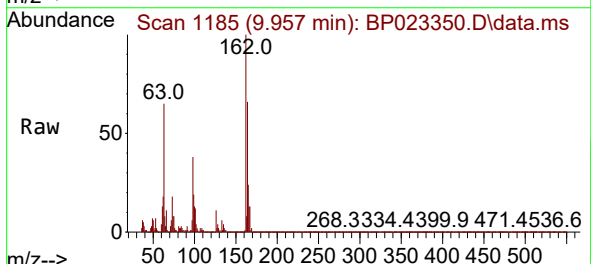
Tgt Ion: 93 Resp: 277492
Ion Ratio Lower Upper
93 100
95 33.3 25.0 37.4
123 9.3 7.8 11.6

Manual Integrations
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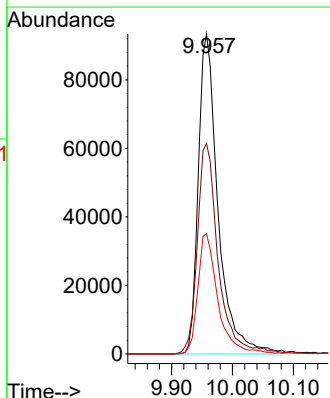
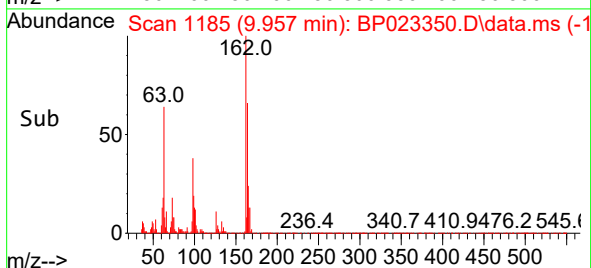
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/13/2024

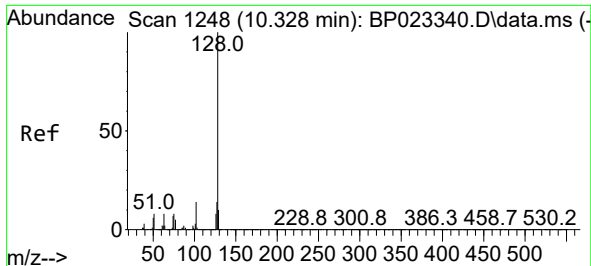


#29
2,4-Dichlorophenol
Concen: 30.317 ng/ul
RT: 9.957 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14



Tgt Ion:162 Resp: 210405
Ion Ratio Lower Upper
162 100
164 65.8 53.0 79.6
98 37.6 30.3 45.5





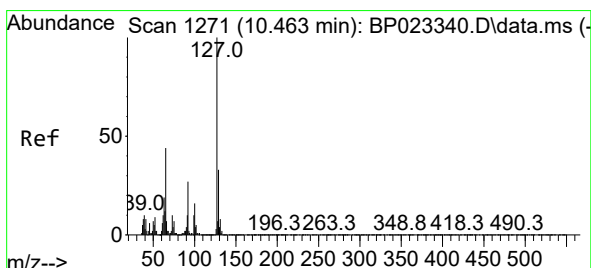
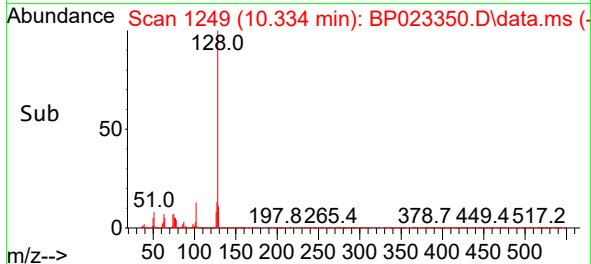
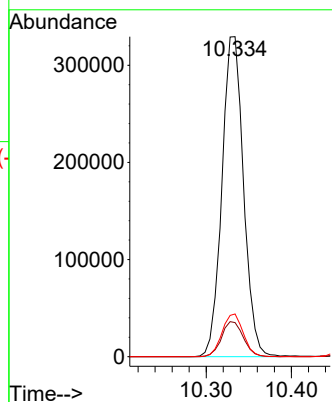
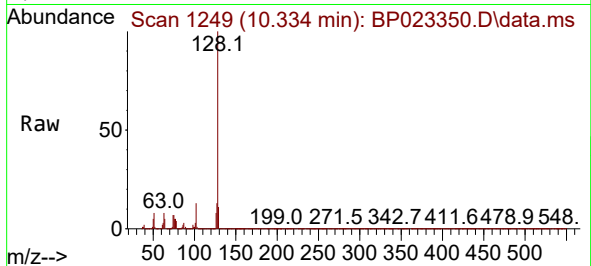
#30
Naphthalene
Concen: 28.787 ng/ul
RT: 10.334 min Scan# 1248
Delta R.T. 0.006 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14

Instrument :
BNA_P
ClientSampleId :
BHJ99MSD

Tgt Ion:128 Resp: 58098
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 13.3 10.5 15.7

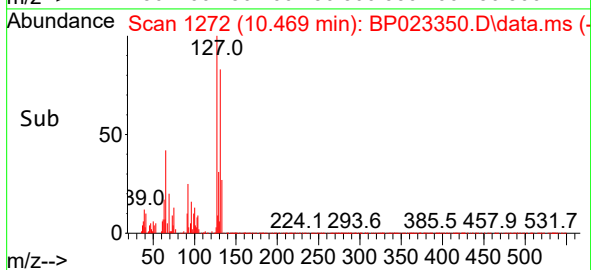
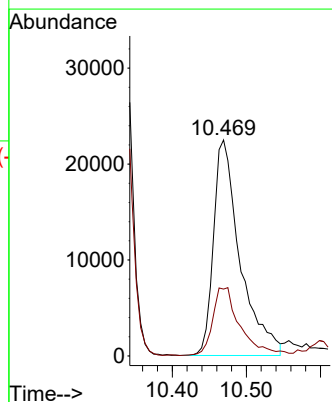
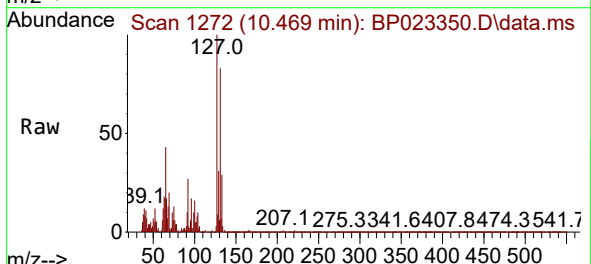
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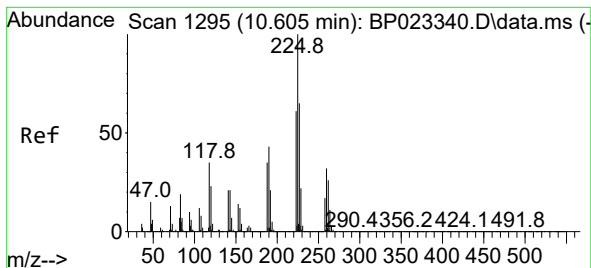
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/13/2024



#32
4-Chloroaniline
Concen: 7.361 ng/ul
RT: 10.469 min Scan# 1272
Delta R.T. 0.006 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14

Tgt Ion:127 Resp: 55993
Ion Ratio Lower Upper
127 100
129 30.9 25.9 38.9





#33

Hexachlorobutadiene

Concen: 27.754 ng/ul

RT: 10.599 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP023350.D

Acq: 10 Dec 2024 17:14

Instrument :

BNA_P

ClientSampleId :

BHJ99MSD

Tgt Ion:225 Resp: 17085

Ion Ratio Lower Upper

225 100

223 62.2 51.4 77.2

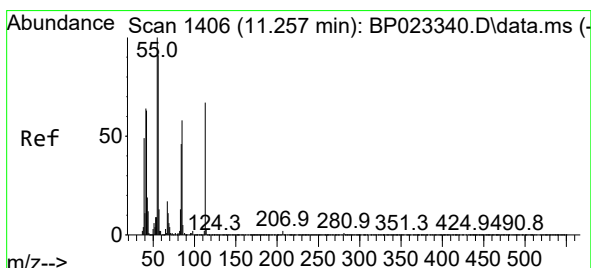
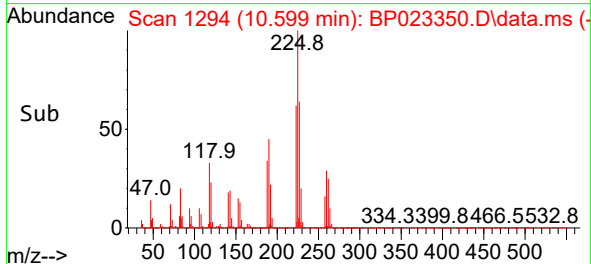
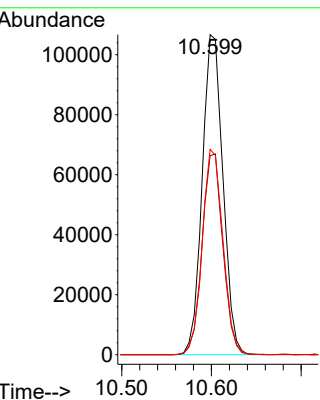
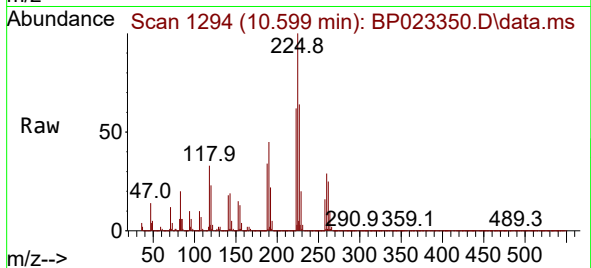
227 64.2 53.0 79.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/13/2024



#34

Caprolactam

Concen: 4.542 ng/ul m

RT: 11.293 min Scan# 1412

Delta R.T. 0.035 min

Lab File: BP023350.D

Acq: 10 Dec 2024 17:14

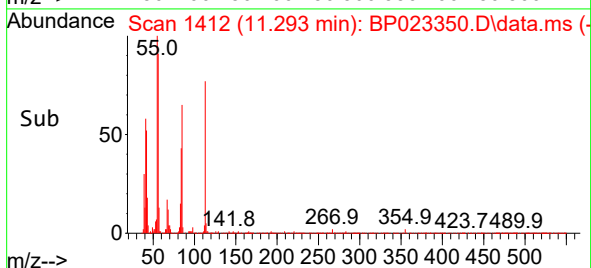
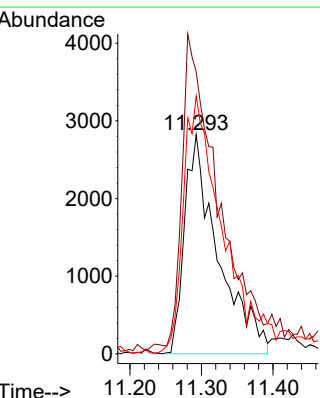
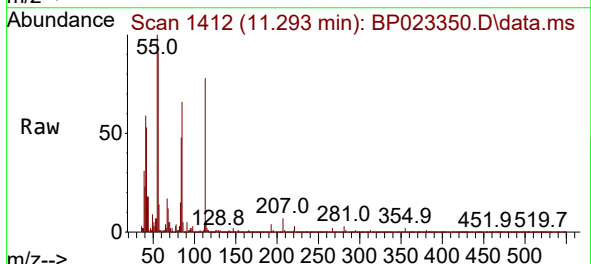
Tgt Ion:113 Resp: 9197

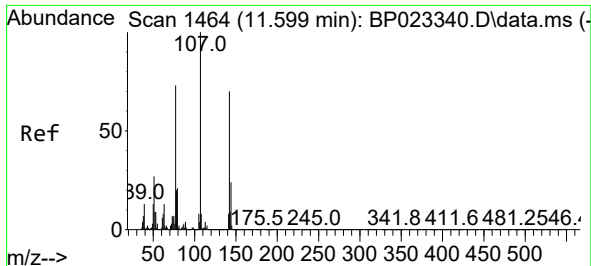
Ion Ratio Lower Upper

113 100

55 128.7 127.5 191.3

56 117.6 100.7 151.1





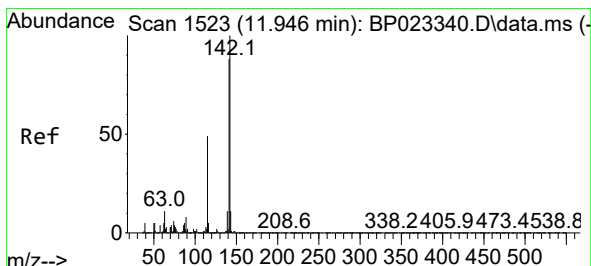
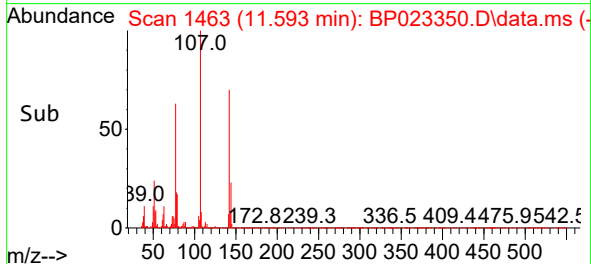
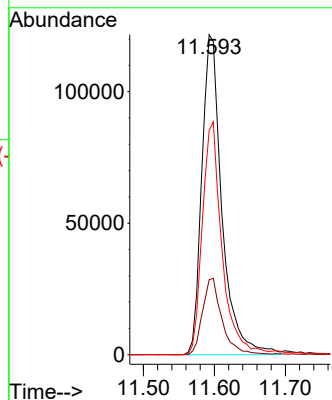
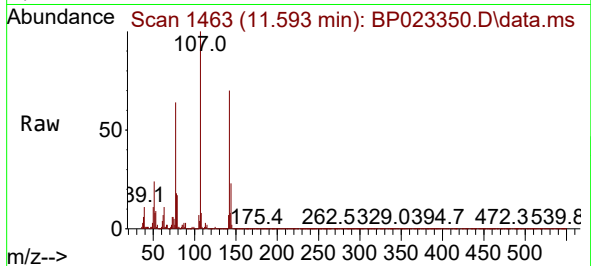
#35
4-Chloro-3-methylphenol
Concen: 31.901 ng/ul
RT: 11.593 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14

Instrument :
BNA_P
ClientSampleId :
BHJ99MSD

Tgt Ion:107 Resp: 240404
Ion Ratio Lower Upper
107 100
144 23.4 17.9 26.9
142 70.1 53.0 79.4

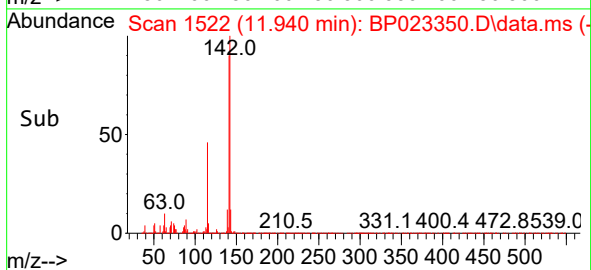
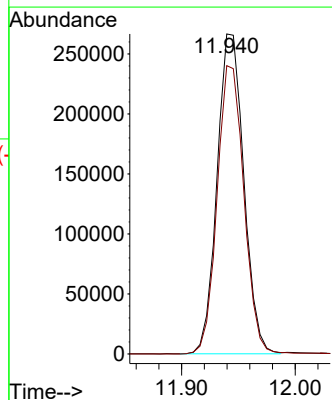
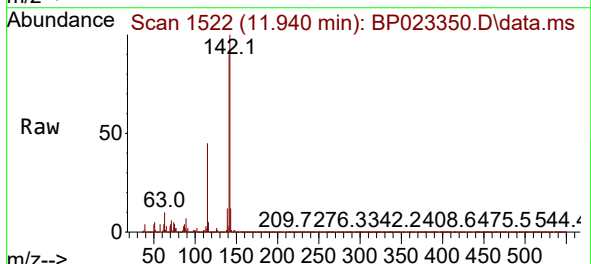
Manual Integrations
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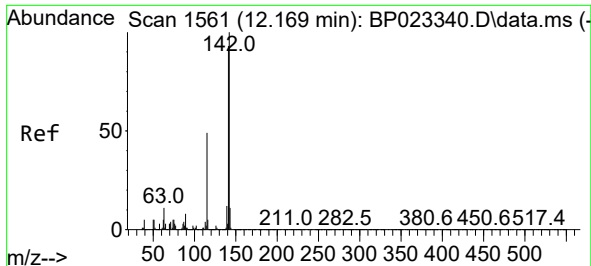
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/13/2024



#36
2-Methylnaphthalene
Concen: 29.138 ng/ul
RT: 11.940 min Scan# 1522
Delta R.T. -0.006 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14

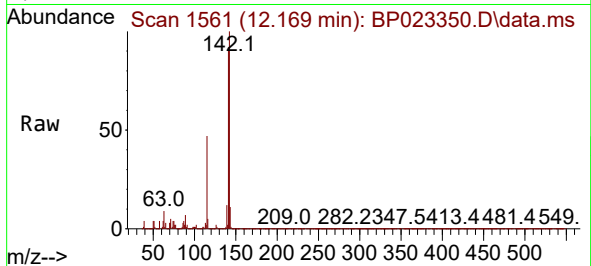
Tgt Ion:142 Resp: 436095
Ion Ratio Lower Upper
142 100
141 90.1 69.0 103.6





#37
1-Methylnaphthalene
Concen: 28.822 ng/ul
RT: 12.169 min Scan# 1561
Delta R.T. -0.000 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14

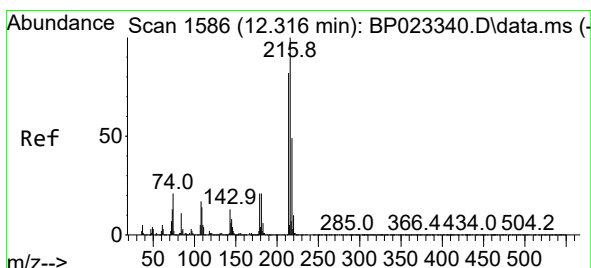
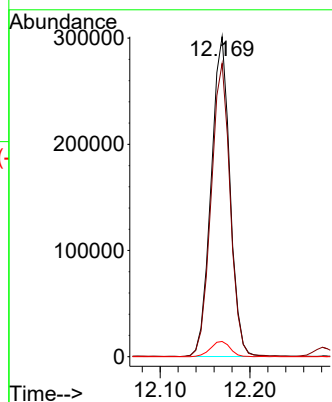
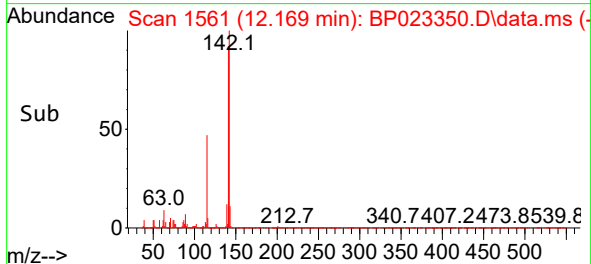
Instrument :
BNA_P
ClientSampleId :
BHJ99MSD



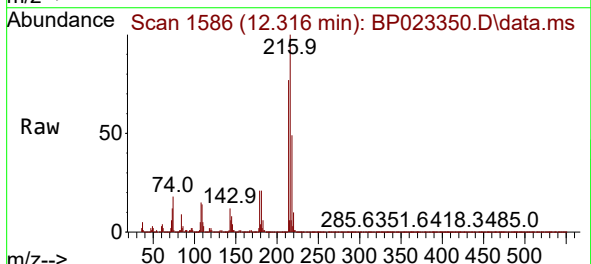
Tgt Ion:142 Resp: 439572
Ion Ratio Lower Upper
142 100
141 91.7 71.1 106.7
116 4.8 4.0 6.0

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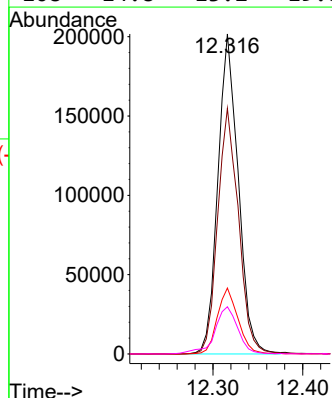
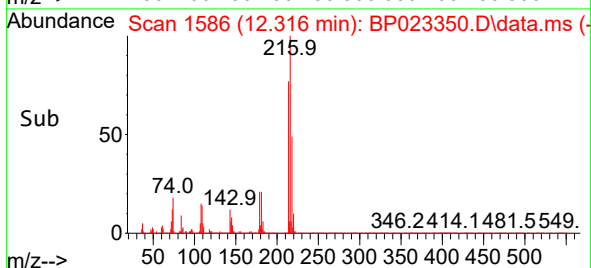
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/13/2024

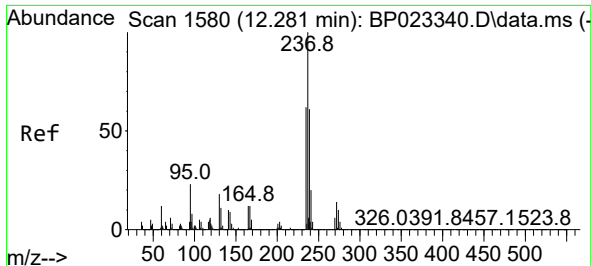


#39
1,2,4,5-Tetrachlorobenzene
Concen: 31.599 ng/ul
RT: 12.316 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14



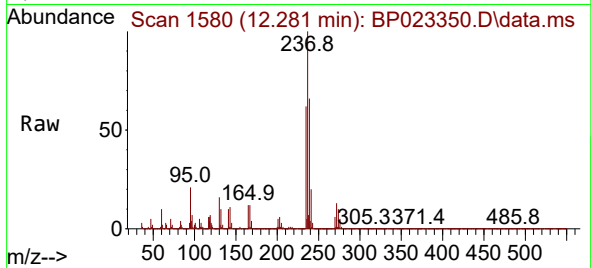
Tgt Ion:216 Resp: 317725
Ion Ratio Lower Upper
216 100
214 76.7 64.4 96.6
179 20.6 16.4 24.6
108 14.8 13.2 19.8





#40
Hexachlorocyclopentadiene
Concen: 26.489 ng/ul
RT: 12.281 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14

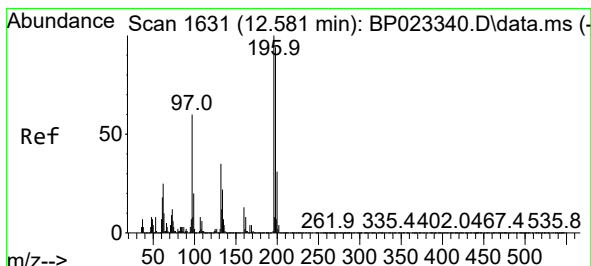
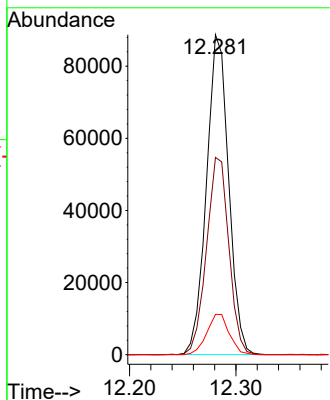
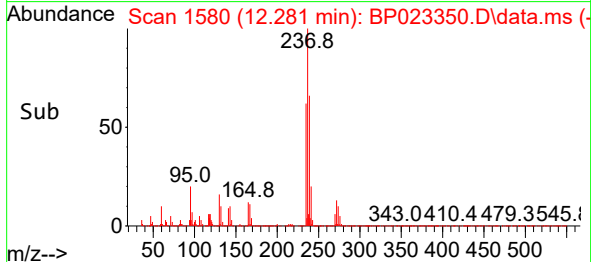
Instrument :
BNA_P
ClientSampleId :
BHJ99MSD



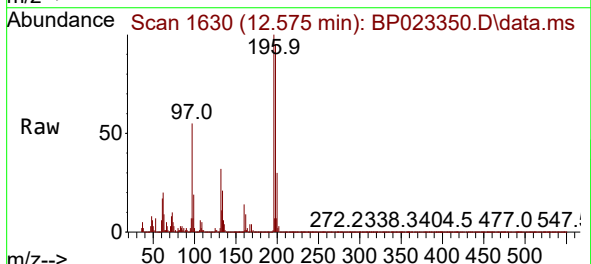
Tgt Ion:237 Resp: 127974
Ion Ratio Lower Upper
237 100
235 61.7 50.5 75.7
272 12.6 9.5 14.3

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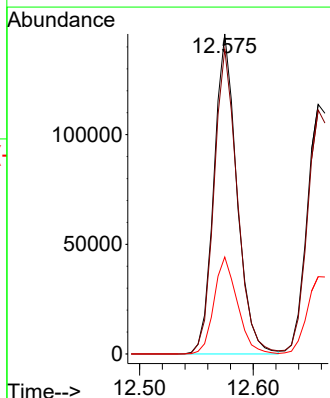
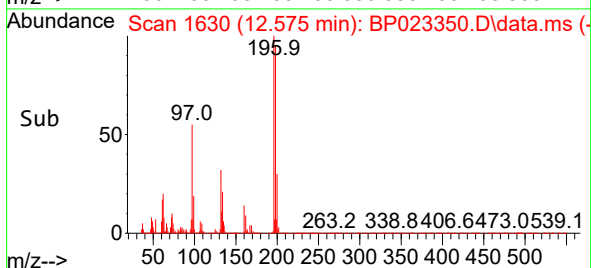
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/13/2024

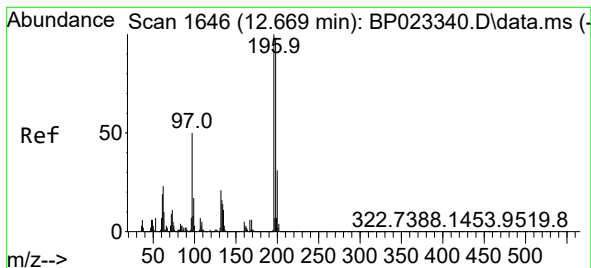


#41
2,4,6-Trichlorophenol
Concen: 34.492 ng/ul
RT: 12.575 min Scan# 1630
Delta R.T. -0.006 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14



Tgt Ion:196 Resp: 205245
Ion Ratio Lower Upper
196 100
198 95.3 77.5 116.3
200 30.3 25.0 37.4





#42

2,4,5-Trichlorophenol

Concen: 35.070 ng/ul

RT: 12.657 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP023350.D

Acq: 10 Dec 2024 17:14

Instrument :

BNA_P

ClientSampleId :

BHJ99MSD

Tgt Ion:196 Resp: 22296

Ion Ratio Lower Upper

196 100

198 97.7 76.3 114.5

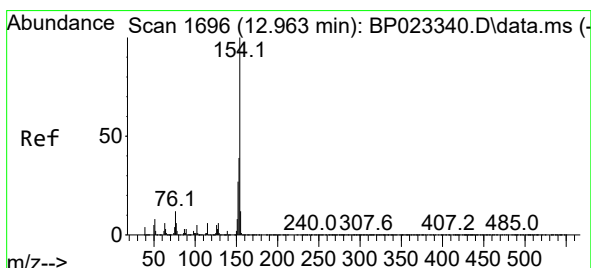
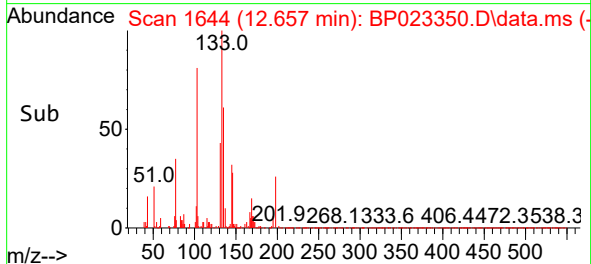
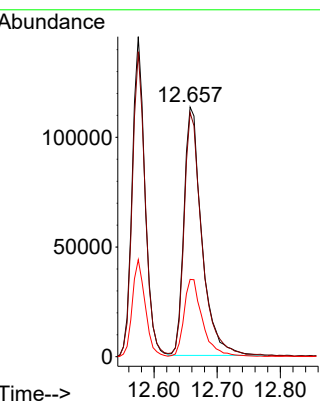
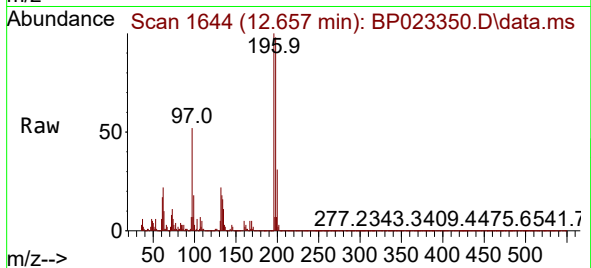
200 31.0 24.6 36.8

Manual Integrations

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Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/13/2024



#43

1,1'-Biphenyl

Concen: 32.509 ng/ul

RT: 12.969 min Scan# 1697

Delta R.T. 0.006 min

Lab File: BP023350.D

Acq: 10 Dec 2024 17:14

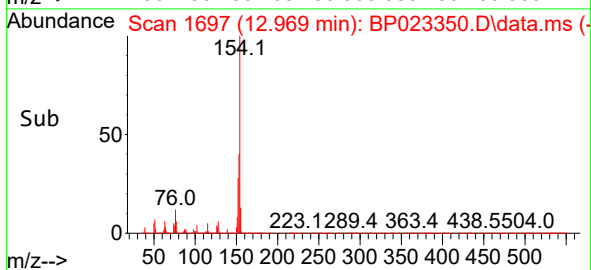
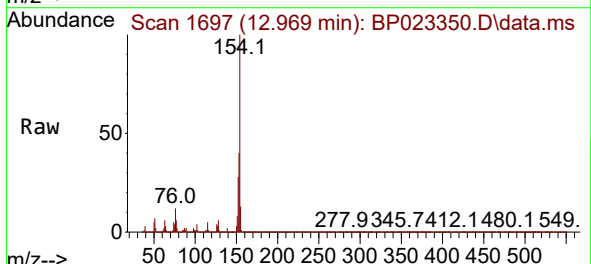
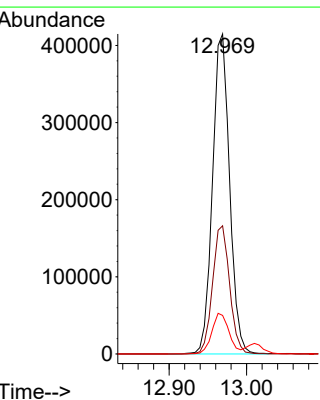
Tgt Ion:154 Resp: 634683

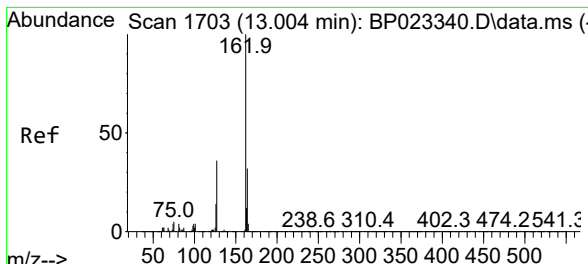
Ion Ratio Lower Upper

154 100

153 40.0 32.8 49.2

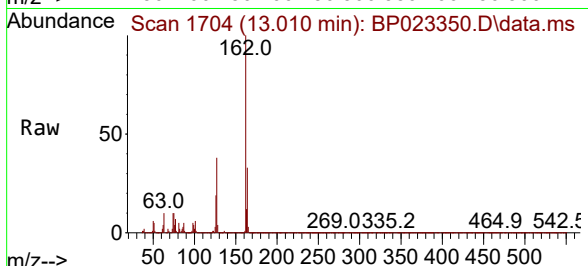
76 12.1 10.0 15.0





#44
 2-Chloronaphthalene
 Concen: 32.181 ng/ul
 RT: 13.010 min Scan# 1704
 Delta R.T. 0.006 min
 Lab File: BP023350.D
 Acq: 10 Dec 2024 17:14

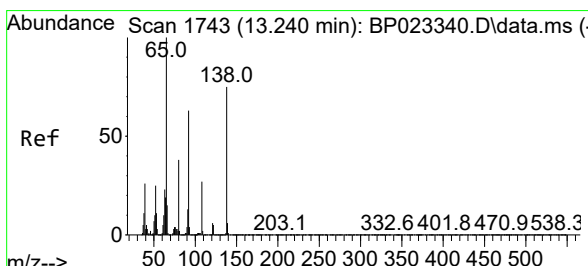
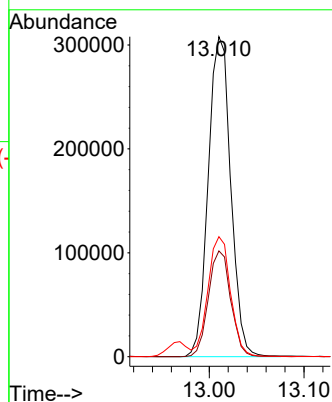
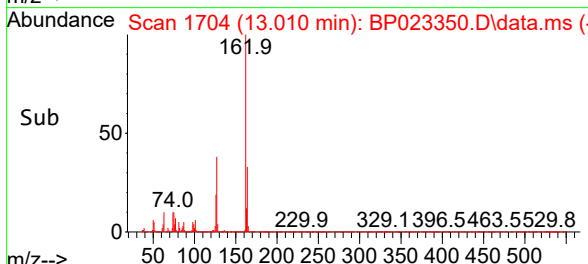
Instrument :
 BNA_P
 ClientSampleId :
 BHJ99MSD



Tgt Ion:	162	Resp:	50818
Ion Ratio	Lower	Upper	
162	100		
164	33.1	25.8	38.6
127	37.5	31.2	46.8

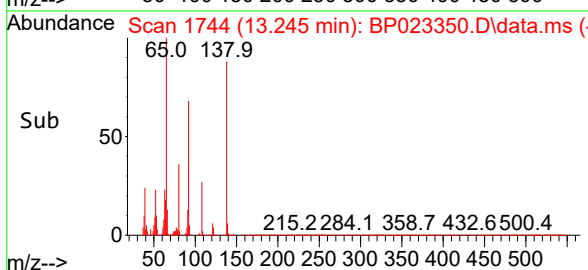
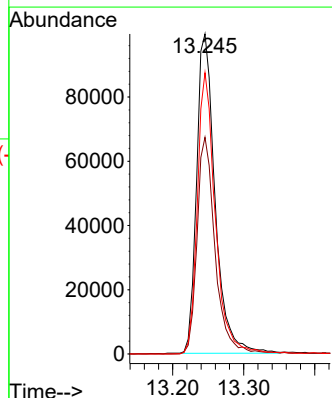
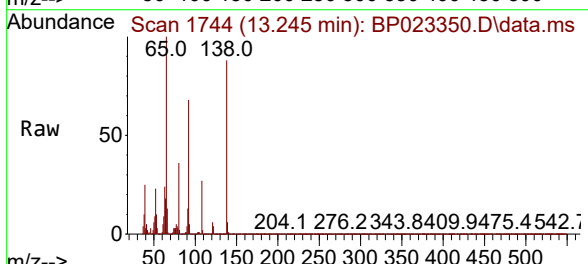
Manual Integrations
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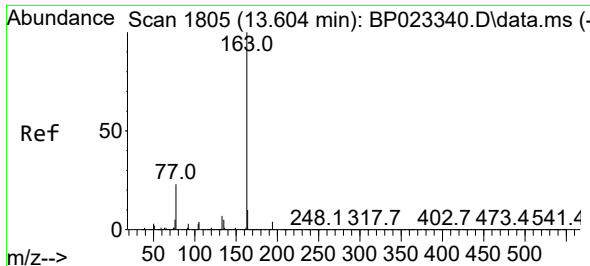
Reviewed By :Yogesh Patel 12/12/2024
 Supervised By :mohammad ahmed 12/13/2024



#45
 2-Nitroaniline
 Concen: 39.412 ng/ul
 RT: 13.245 min Scan# 1744
 Delta R.T. 0.006 min
 Lab File: BP023350.D
 Acq: 10 Dec 2024 17:14

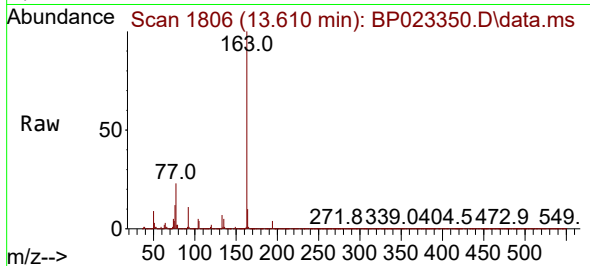
Tgt Ion:	65	Resp:	180322
Ion Ratio	Lower	Upper	
65	100		
92	67.7	50.5	75.7
138	87.9	68.0	102.0





#47
Dimethylphthalate
Concen: 35.148 ng/ul
RT: 13.610 min Scan# 1806
Delta R.T. 0.006 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14

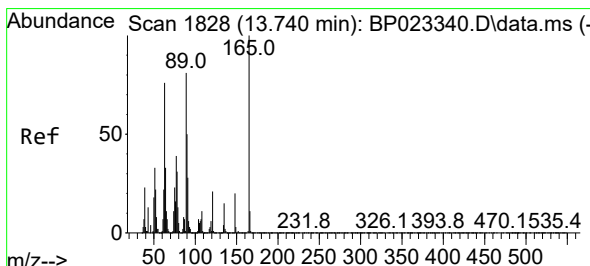
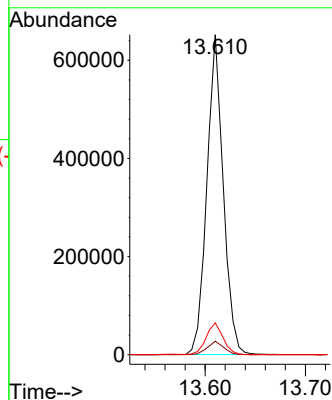
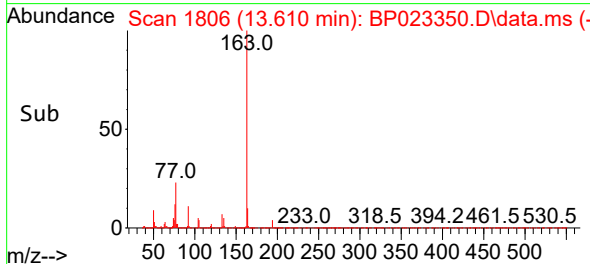
Instrument :
BNA_P
ClientSampleId :
BHJ99MSD



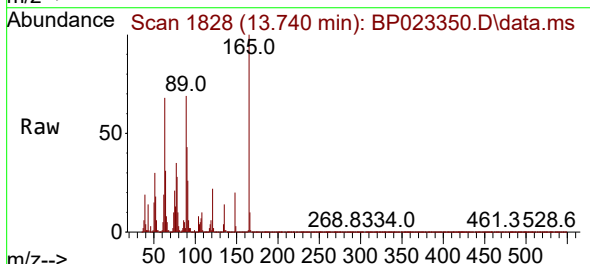
Tgt Ion:163 Resp: 740590
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.9 8.6 13.0

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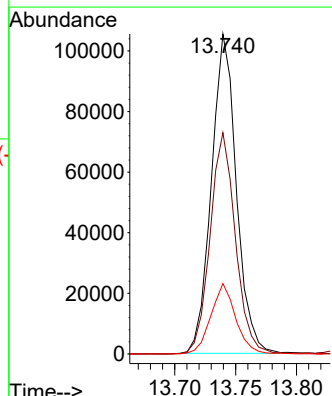
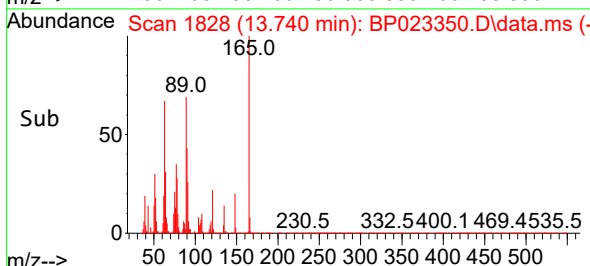
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/13/2024

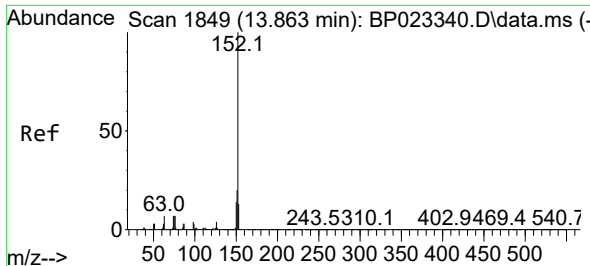


#48
2,6-Dinitrotoluene
Concen: 37.162 ng/ul
RT: 13.740 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14



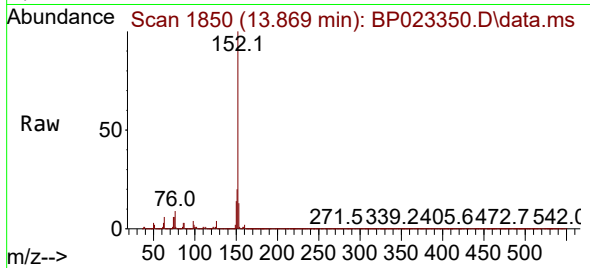
Tgt Ion:165 Resp: 150033
Ion Ratio Lower Upper
165 100
89 69.1 55.4 83.0
121 22.0 18.2 27.2





#50
Acenaphthylene
Concen: 33.126 ng/ul
RT: 13.869 min Scan# 1849
Delta R.T. 0.006 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14

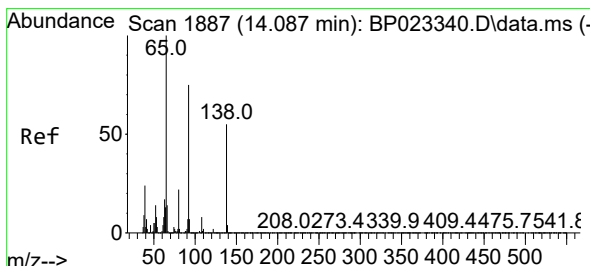
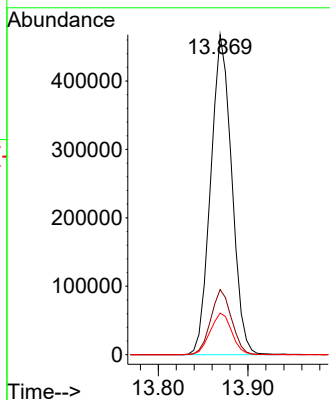
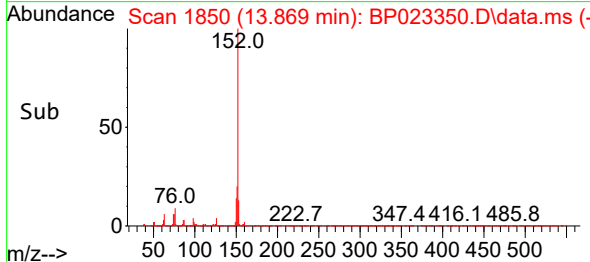
Instrument :
BNA_P
ClientSampleId :
BHJ99MSD



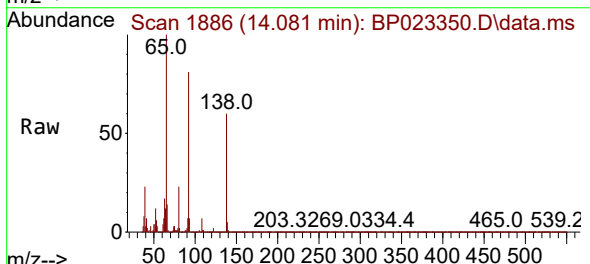
Tgt Ion:152 Resp: 761100
Ion Ratio Lower Upper
152 100
151 20.3 15.7 23.5
153 13.0 10.5 15.7

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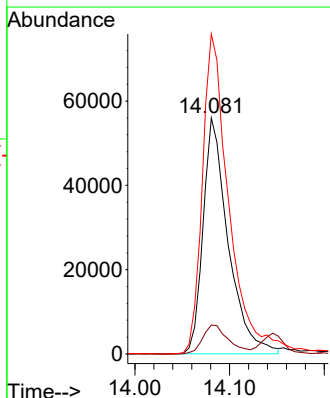
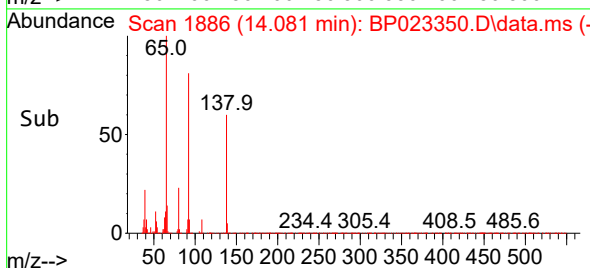
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/13/2024

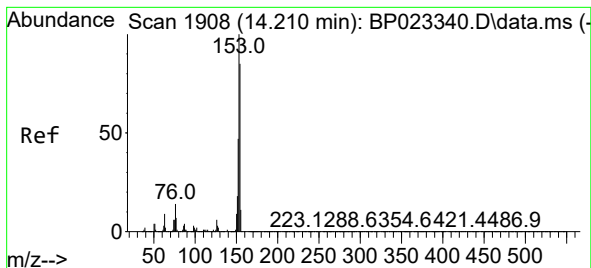


#51
3-Nitroaniline
Concen: 30.370 ng/ul
RT: 14.081 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14



Tgt Ion:138 Resp: 102764
Ion Ratio Lower Upper
138 100
108 12.3 9.8 14.8
92 135.6 105.8 158.8





#52

Acenaphthene

Concen: 33.382 ng/ul

RT: 14.222 min Scan# 1910

Delta R.T. 0.012 min

Lab File: BP023350.D

Acq: 10 Dec 2024 17:14

Instrument :

BNA_P

ClientSampleId :

BHJ99MSD

Tgt Ion:153 Resp: 56060

Ion Ratio Lower Upper

153 100

152 47.2 39.0 58.6

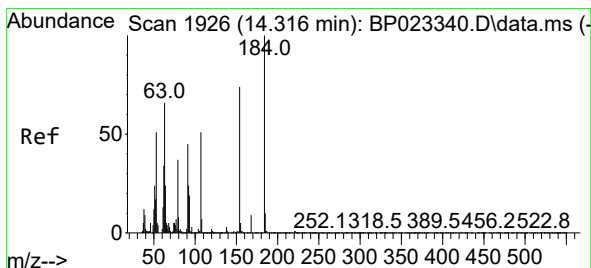
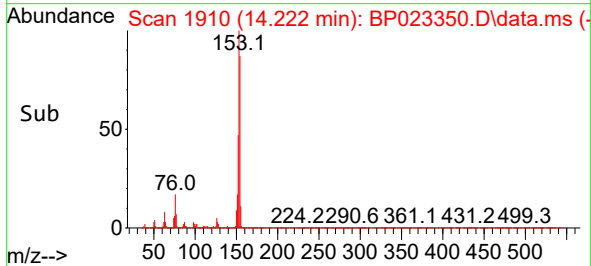
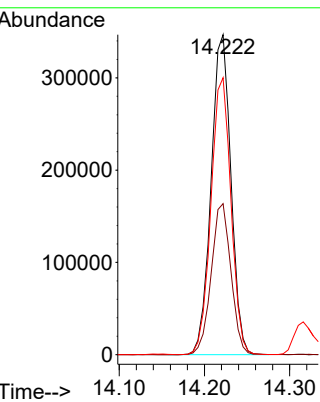
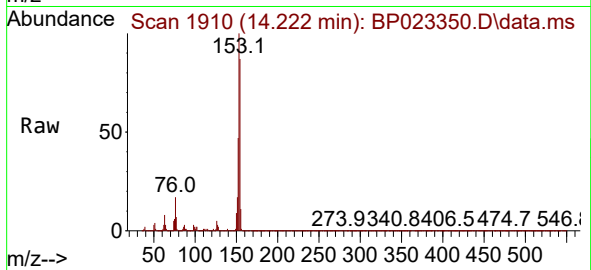
154 86.6 71.0 106.4

Manual Integrations

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Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/13/2024



#53

2,4-Dinitrophenol

Concen: 36.496 ng/ul

RT: 14.316 min Scan# 1926

Delta R.T. -0.000 min

Lab File: BP023350.D

Acq: 10 Dec 2024 17:14

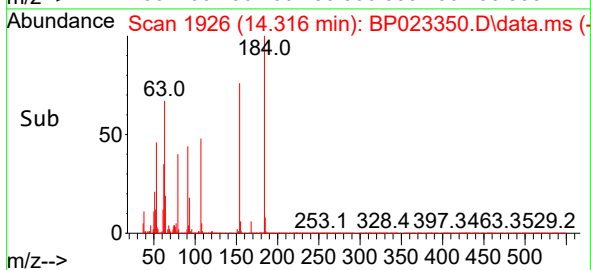
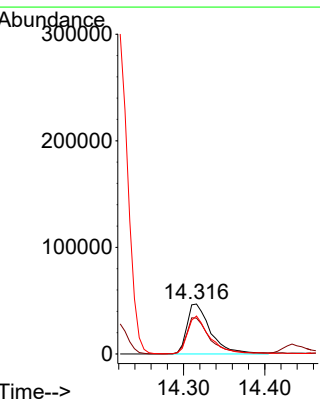
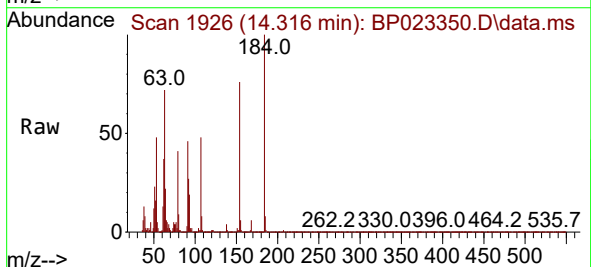
Tgt Ion:184 Resp: 95017

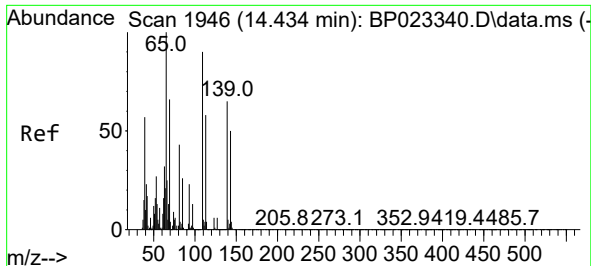
Ion Ratio Lower Upper

184 100

63 71.8 50.4 75.6

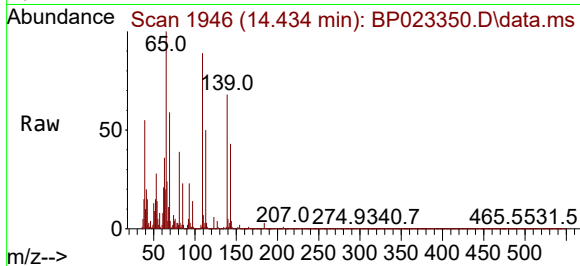
154 75.9 57.9 86.9





#55
4-Nitrophenol
Concen: 11.845 ng/ul
RT: 14.434 min Scan# 1946
Delta R.T. -0.000 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14

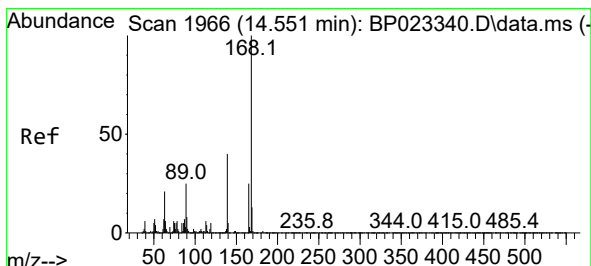
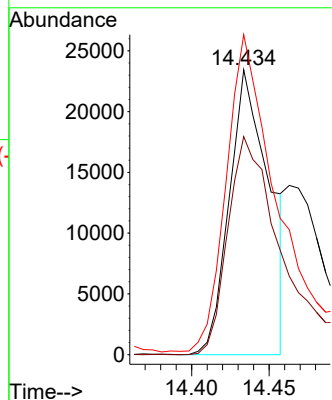
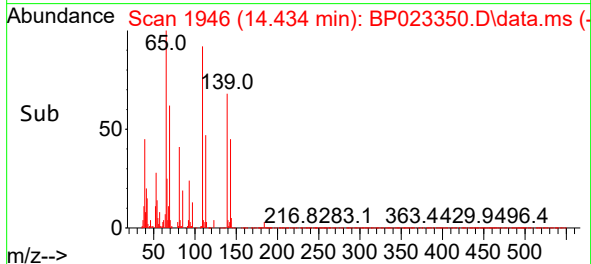
Instrument :
BNA_P
ClientSampleId :
BHJ99MSD



Tgt Ion:109 Resp: 41829
Ion Ratio Lower Upper
109 100
139 76.6 66.7 100.1
65 112.3 86.1 129.1

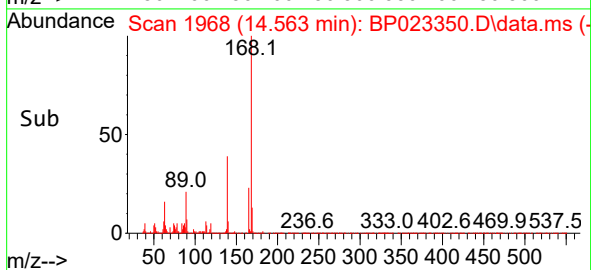
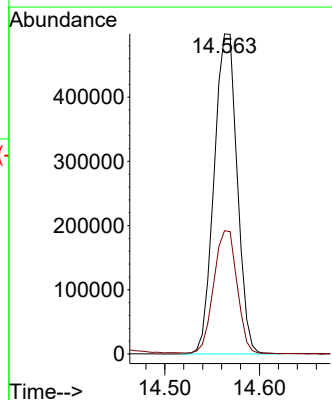
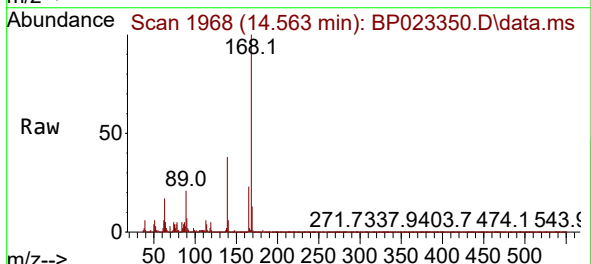
Manual Integrations
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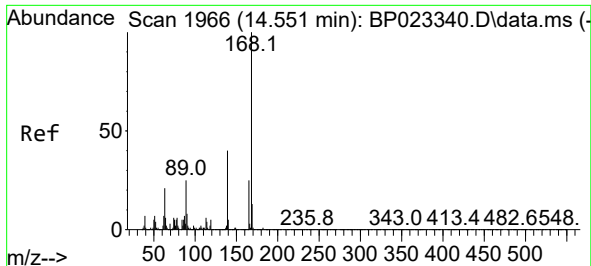
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/13/2024



#56
Dibenzofuran
Concen: 33.106 ng/ul
RT: 14.563 min Scan# 1968
Delta R.T. 0.012 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14

Tgt Ion:168 Resp: 844340
Ion Ratio Lower Upper
168 100
139 38.5 31.0 46.4





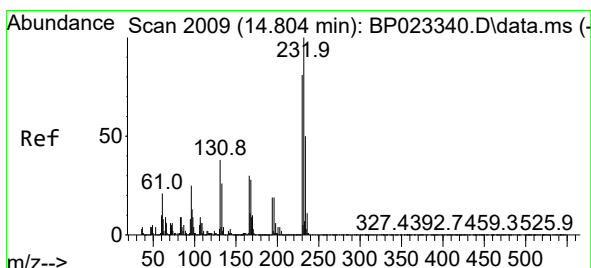
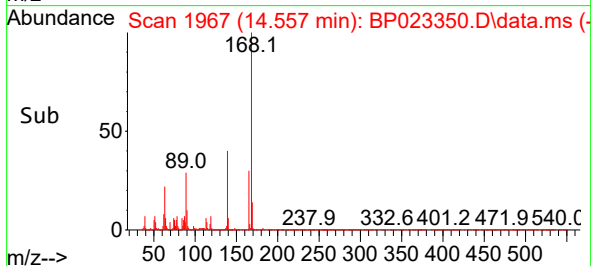
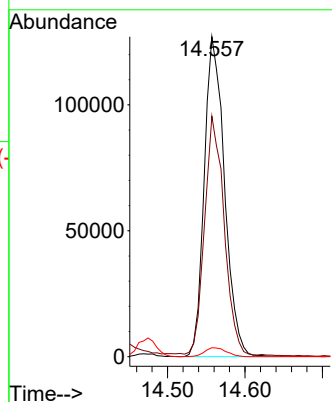
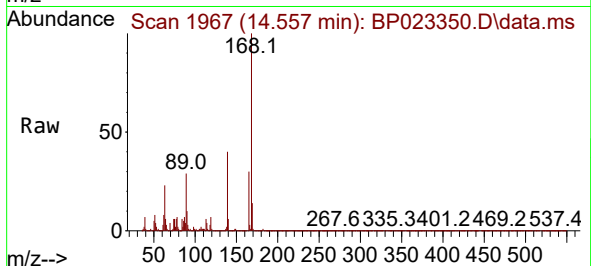
#57
2,4-Dinitrotoluene
Concen: 35.478 ng/ul
RT: 14.557 min Scan# 1966
Delta R.T. 0.006 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14

Instrument :
BNA_P
ClientSampleId :
BHJ99MSD

Tgt Ion:165 Resp: 23081
Ion Ratio Lower Upper
165 100
63 75.2 52.2 78.2
182 2.8 2.3 3.5

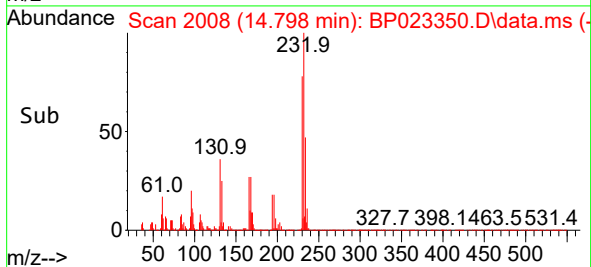
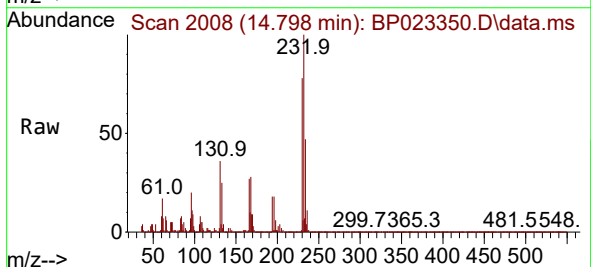
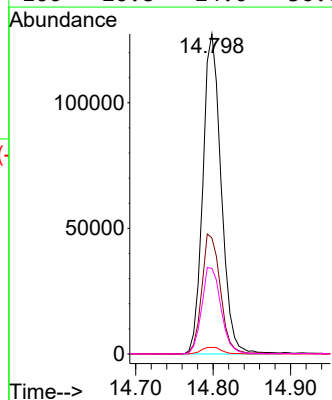
Manual Integrations
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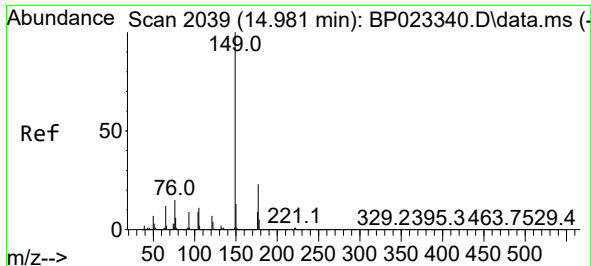
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/13/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 33.214 ng/ul
RT: 14.798 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14

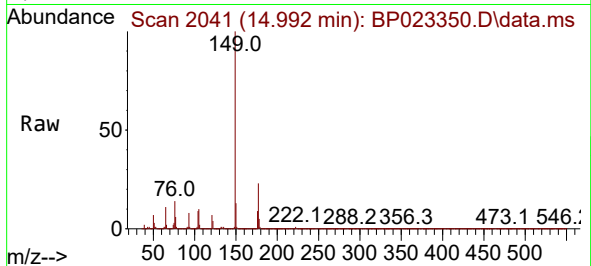
Tgt Ion:232 Resp: 209631
Ion Ratio Lower Upper
232 100
131 36.3 32.2 48.2
130 2.1 2.1 3.1#
166 26.8 24.0 36.0





#59
Diethylphthalate
Concen: 35.761 ng/ul
RT: 14.992 min Scan# 2041
Delta R.T. 0.012 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14

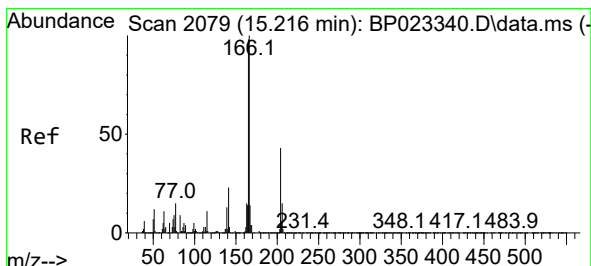
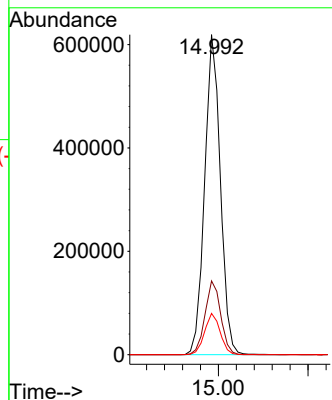
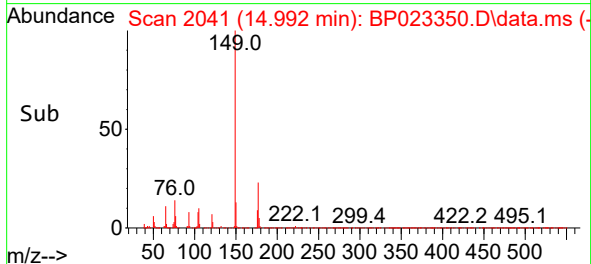
Instrument :
BNA_P
ClientSampleId :
BHJ99MSD



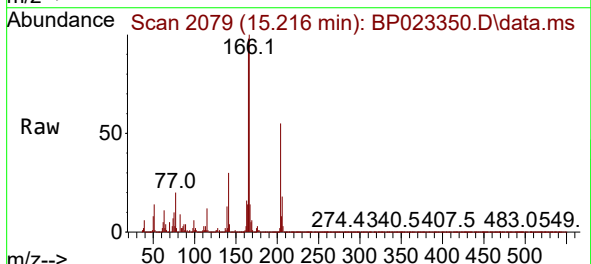
Tgt Ion:149 Resp: 751478
Ion Ratio Lower Upper
149 100
177 23.0 18.4 27.6
150 12.9 9.8 14.8

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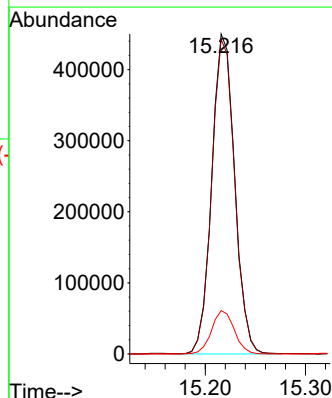
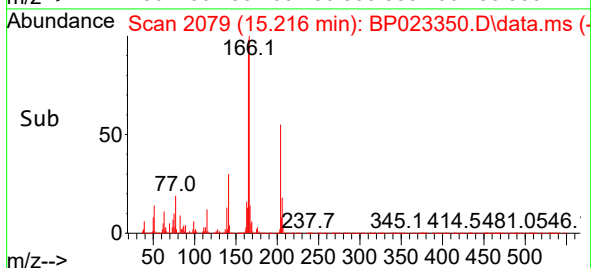
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/13/2024

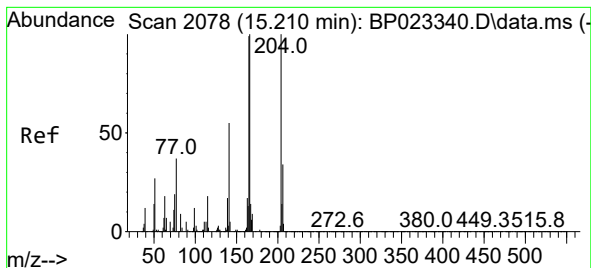


#61
Fluorene
Concen: 34.321 ng/ul
RT: 15.216 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14



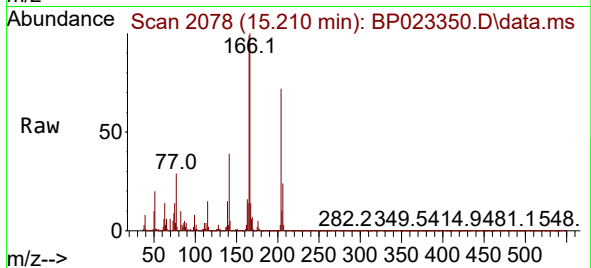
Tgt Ion:166 Resp: 712727
Ion Ratio Lower Upper
166 100
165 98.3 78.5 117.7
167 13.5 11.1 16.7





#62
4-Chlorophenyl-phenylether
Concen: 33.539 ng/ul
RT: 15.210 min Scan# 2078
Delta R.T. -0.000 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14

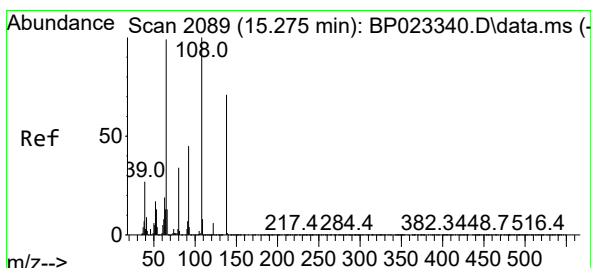
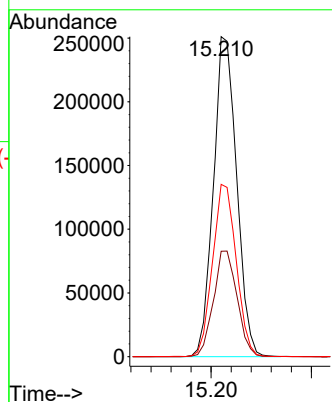
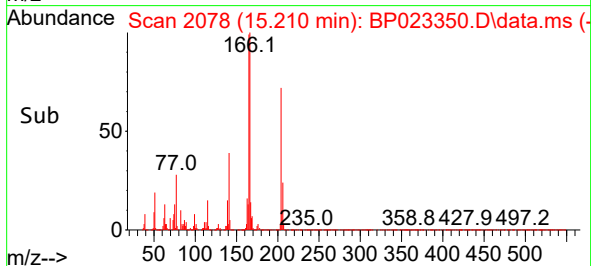
Instrument :
BNA_P
ClientSampleId :
BHJ99MSD



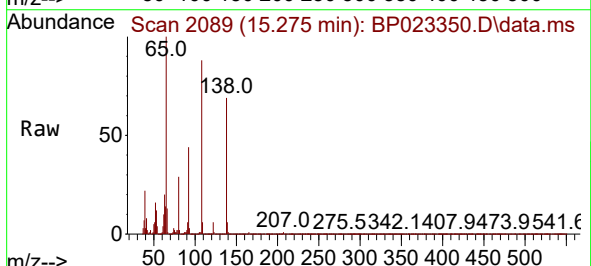
Tgt Ion:204 Resp: 40396
Ion Ratio Lower Upper
204 100
206 32.9 26.9 40.3
141 53.9 42.4 63.6

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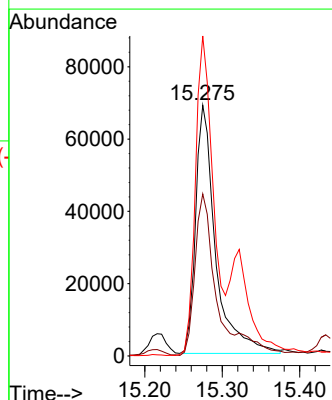
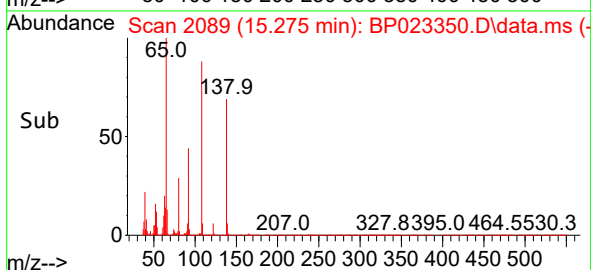
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/13/2024

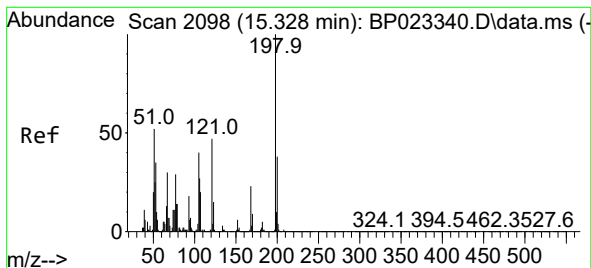


#63
4-Nitroaniline
Concen: 41.329 ng/ul
RT: 15.275 min Scan# 2089
Delta R.T. -0.000 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14



Tgt Ion:138 Resp: 123002
Ion Ratio Lower Upper
138 100
92 64.7 53.0 79.4
108 127.6 96.2 144.2





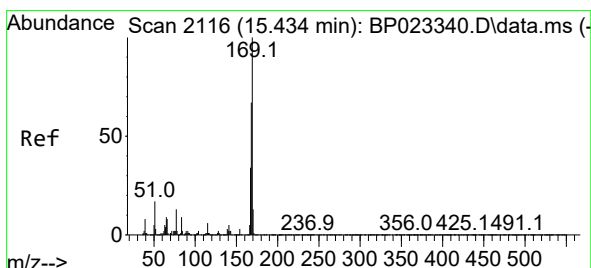
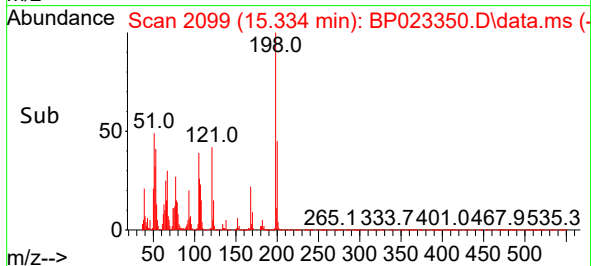
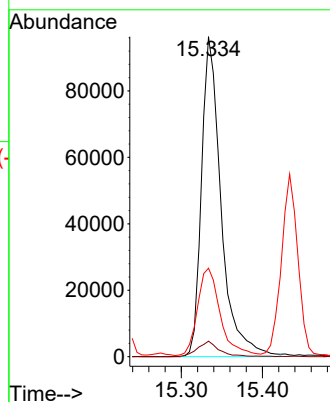
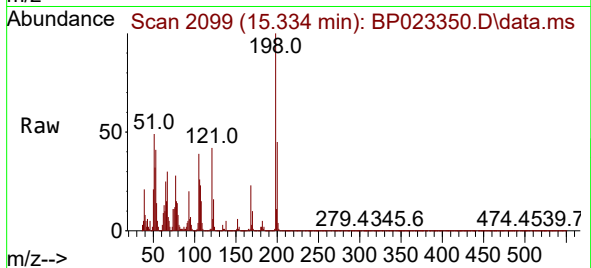
#66
4,6-Dinitro-2-methylphenol
Concen: 37.579 ng/ul
RT: 15.334 min Scan# 2098
Delta R.T. 0.006 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14

Instrument :
BNA_P
ClientSampleId :
BJH99MSD

Tgt Ion:198 Resp: 16145
Ion Ratio Lower Upper
198 100
182 4.8 3.7 5.5
77 27.6 19.1 28.7

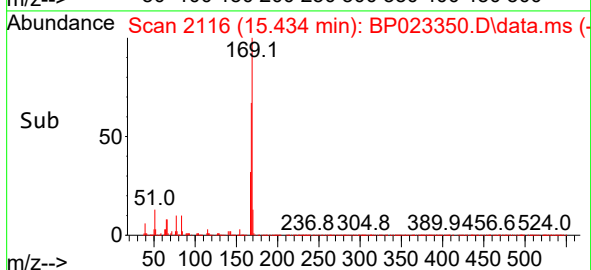
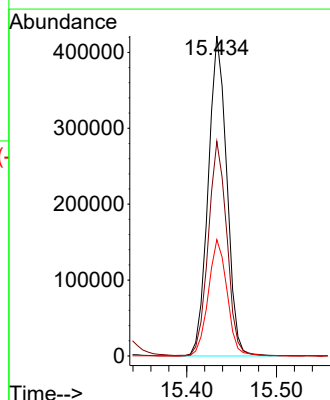
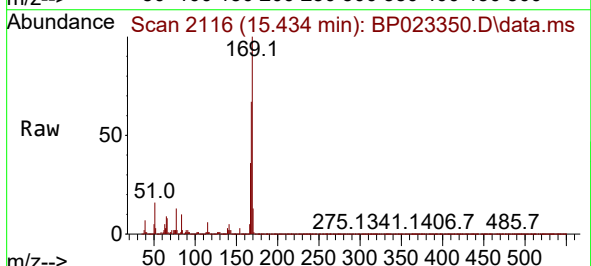
Manual Integrations
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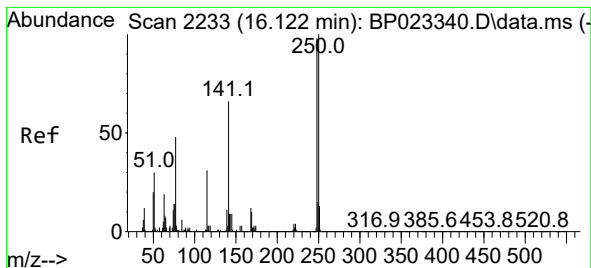
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/13/2024



#67
N-Nitrosodiphenylamine
Concen: 35.369 ng/ul
RT: 15.434 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14

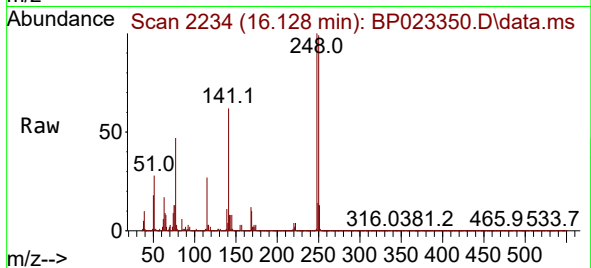
Tgt Ion:169 Resp: 605273
Ion Ratio Lower Upper
169 100
168 67.0 53.3 79.9
167 36.3 28.6 42.8





#68
4-Bromophenyl-phenylether
Concen: 35.175 ng/ul
RT: 16.128 min Scan# 2233
Delta R.T. 0.006 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14

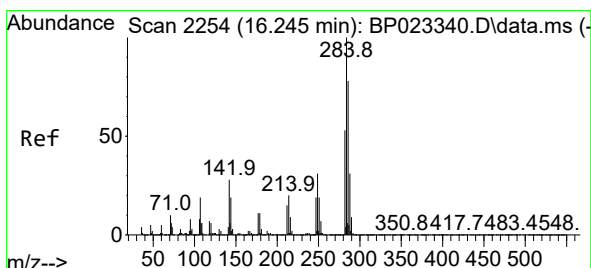
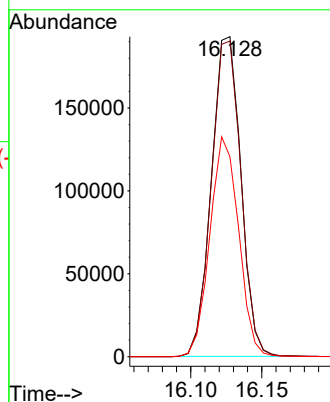
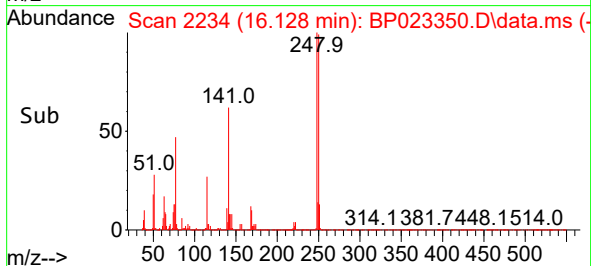
Instrument :
BNA_P
ClientSampleId :
BHJ99MSD



Tgt Ion:248 Resp: 278268
Ion Ratio Lower Upper
248 100
250 98.7 78.5 117.7
141 62.5 52.5 78.7

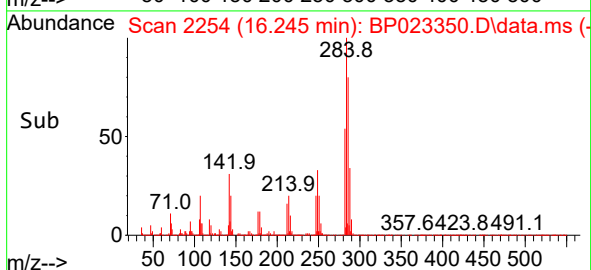
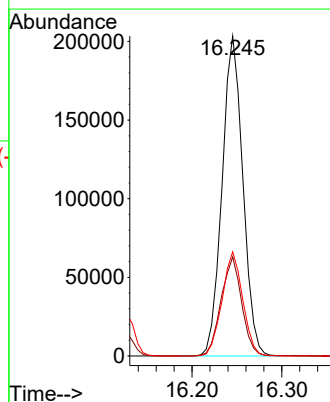
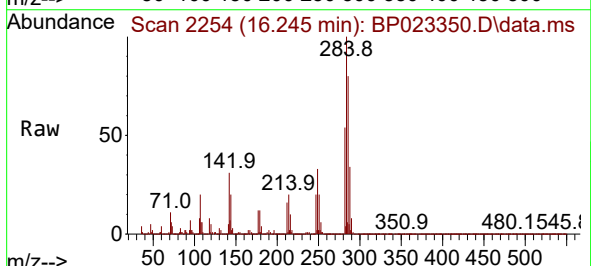
Manual Integrations
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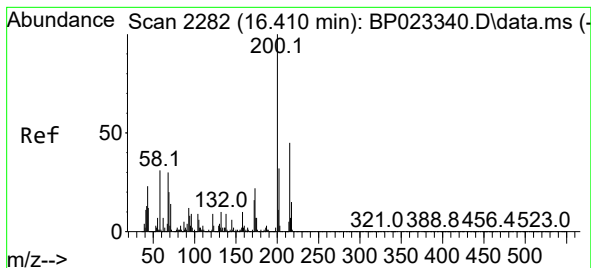
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/13/2024



#69
Hexachlorobenzene
Concen: 33.714 ng/ul
RT: 16.245 min Scan# 2254
Delta R.T. -0.000 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14

Tgt Ion:284 Resp: 326749
Ion Ratio Lower Upper
284 100
142 31.0 23.3 34.9
249 32.5 27.2 40.8





#70

Atrazine

Concen: 0.279 ng/ul m

RT: 16.428 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP023350.D

Acq: 10 Dec 2024 17:14

Instrument :

BNA_P

ClientSampleId :

BHJ99MSD

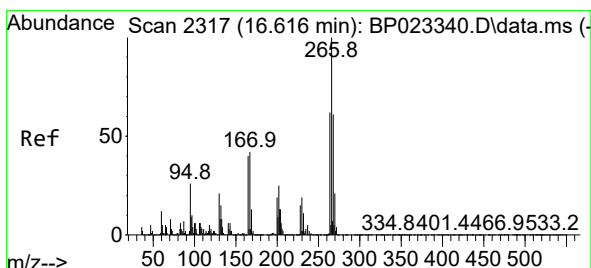
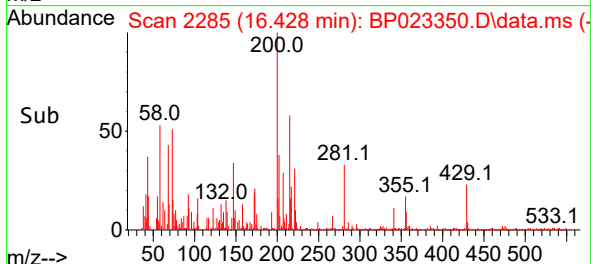
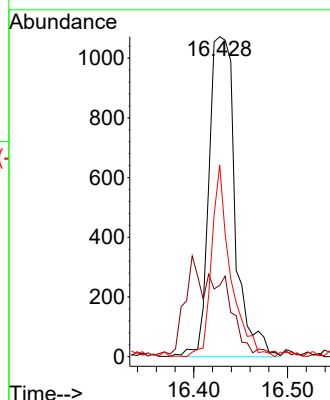
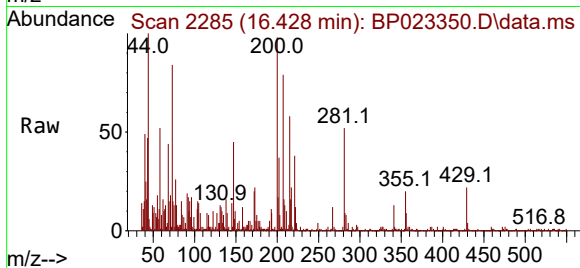
Tgt Ion:200	Resp:	207
Ion Ratio	Lower	Upper
200	100	
173	22.3	18.9 28.3
215	59.9	38.0 57.0

Manual Integrations

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Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/13/2024



#71

Pentachlorophenol

Concen: 31.873 ng/ul

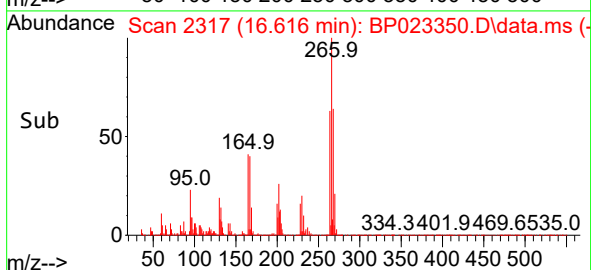
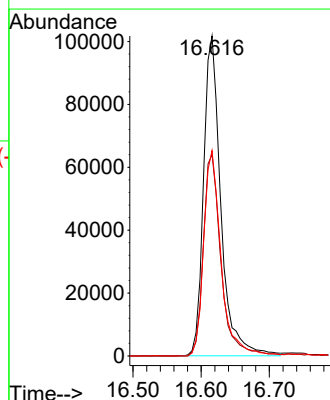
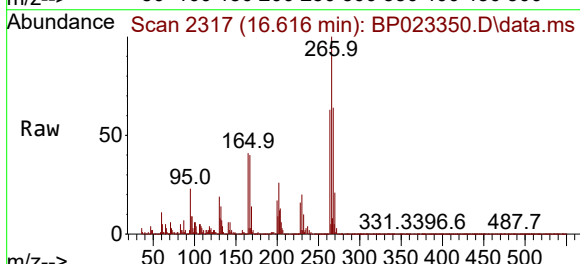
RT: 16.616 min Scan# 2317

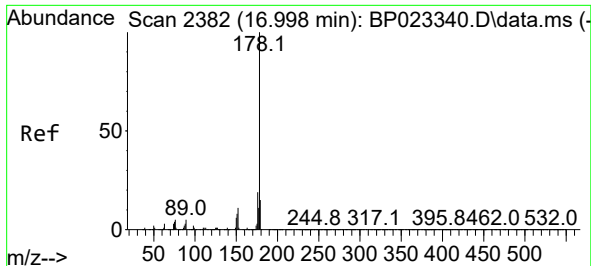
Delta R.T. -0.000 min

Lab File: BP023350.D

Acq: 10 Dec 2024 17:14

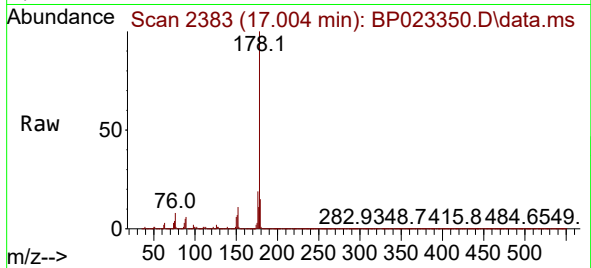
Tgt Ion:266	Resp:	180302
Ion Ratio	Lower	Upper
266	100	
264	63.0	47.9 71.9
268	64.2	48.2 72.4





#72
Phenanthrene
Concen: 35.031 ng/ul
RT: 17.004 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14

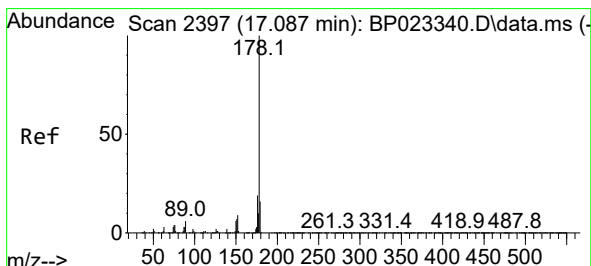
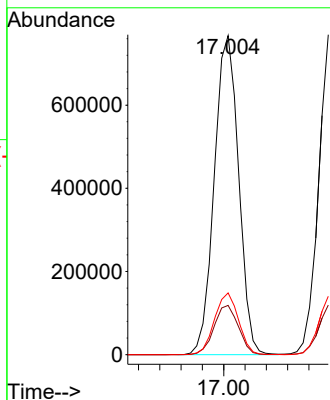
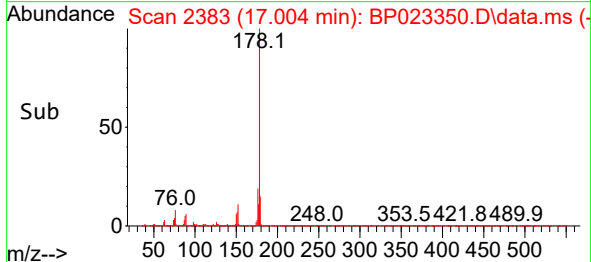
Instrument :
BNA_P
ClientSampleId :
BHJ99MSD



Tgt Ion:178 Resp: 1213640
Ion Ratio Lower Upper
178 100
179 15.5 12.1 18.1
176 19.4 15.4 23.0

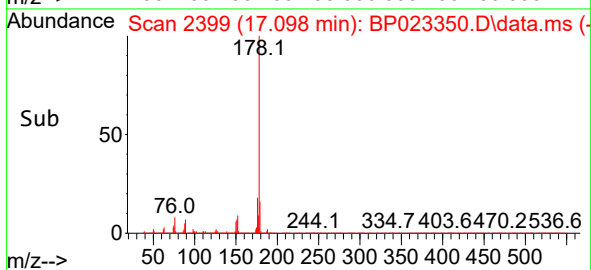
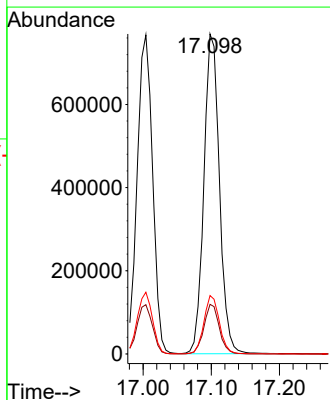
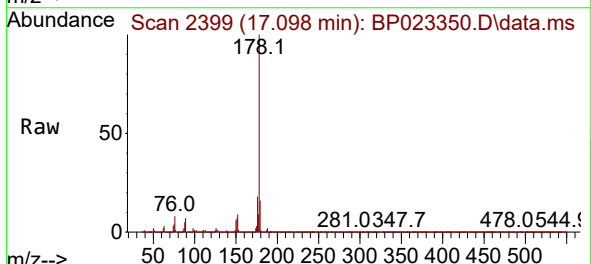
Manual Integrations
APPROVED

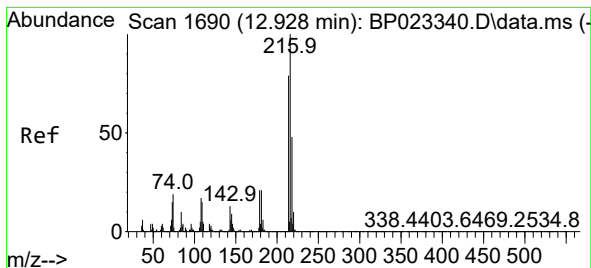
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/13/2024



#74
Anthracene
Concen: 35.266 ng/ul
RT: 17.098 min Scan# 2399
Delta R.T. 0.012 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14

Tgt Ion:178 Resp: 1221660
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 18.2 14.7 22.1





#75

1,2,3,4-Tetrachlorobenzene

Concen: 33.574 ng/uL

RT: 12.934 min Scan# 1691

Delta R.T. 0.006 min

Lab File: BP023350.D

Acq: 10 Dec 2024 17:14

Instrument :

BNA_P

ClientSampleId :

BHJ99MSD

Tgt Ion:216 Resp: 324310

Ion Ratio Lower Upper

216 100

214 76.5 62.9 94.3

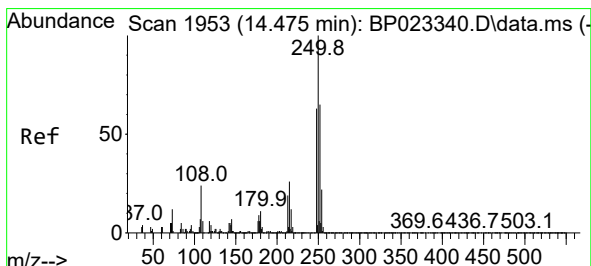
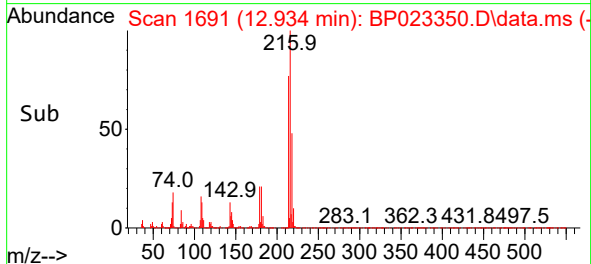
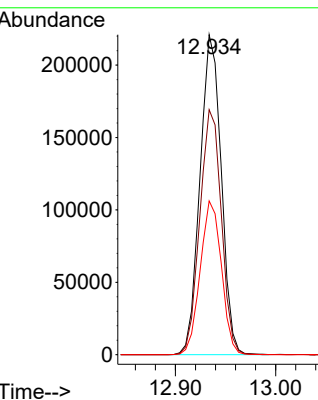
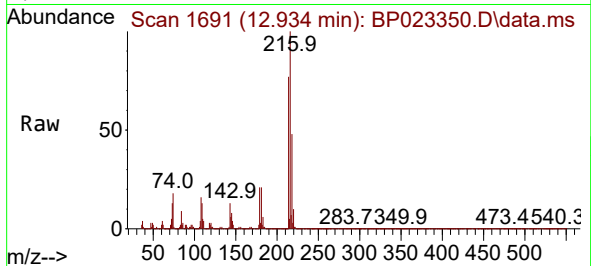
218 48.0 39.2 58.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/13/2024



#76

Pentachlorobenzene

Concen: 33.535 ng/uL

RT: 14.475 min Scan# 1953

Delta R.T. -0.000 min

Lab File: BP023350.D

Acq: 10 Dec 2024 17:14

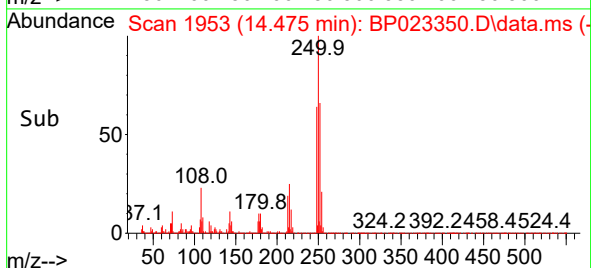
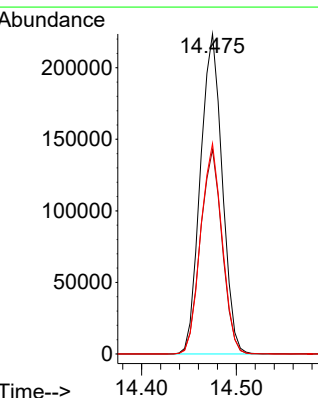
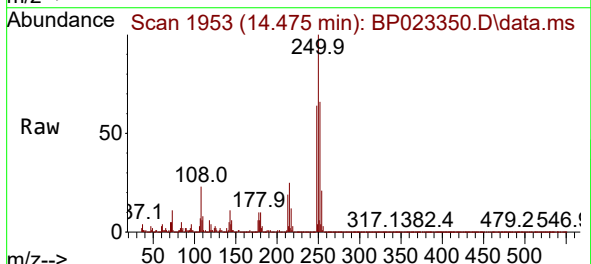
Tgt Ion:250 Resp: 357051

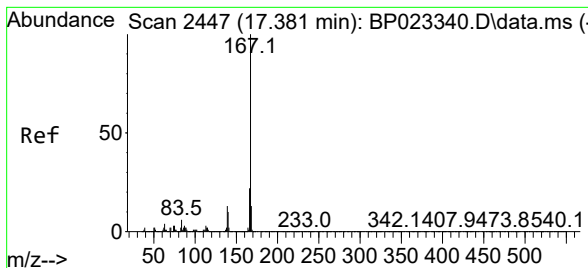
Ion Ratio Lower Upper

250 100

248 63.9 50.1 75.1

252 65.8 51.0 76.4





#77

Carbazole

Concen: 37.989 ng/ul

RT: 17.398 min Scan# 2447

Delta R.T. 0.018 min

Lab File: BP023350.D

Acq: 10 Dec 2024 17:14

Instrument :

BNA_P

ClientSampleId :

BHJ99MSD

Tgt Ion:167 Resp: 1072160

Ion Ratio Lower Upper

167 100

166 21.4 17.3 25.9

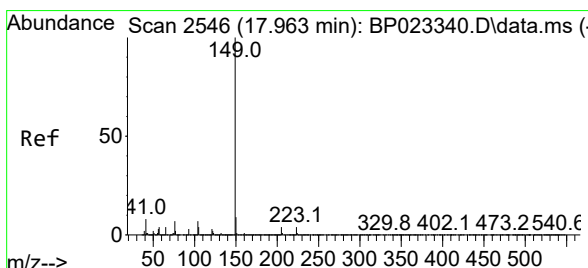
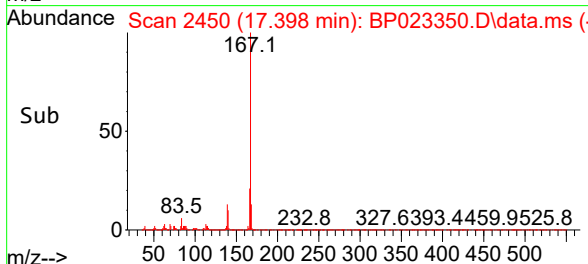
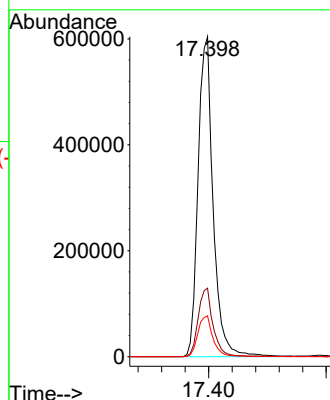
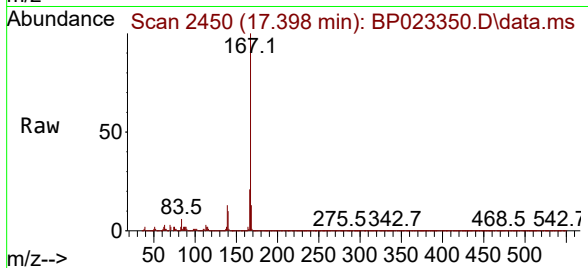
139 12.7 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/13/2024



#78

Di-n-butylphthalate

Concen: 37.833 ng/ul

RT: 17.963 min Scan# 2546

Delta R.T. -0.000 min

Lab File: BP023350.D

Acq: 10 Dec 2024 17:14

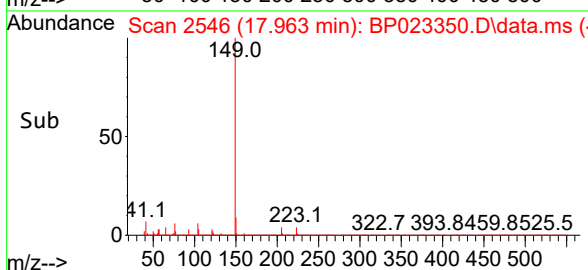
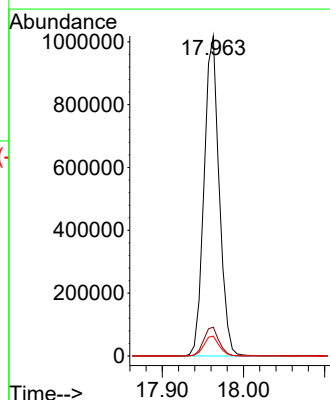
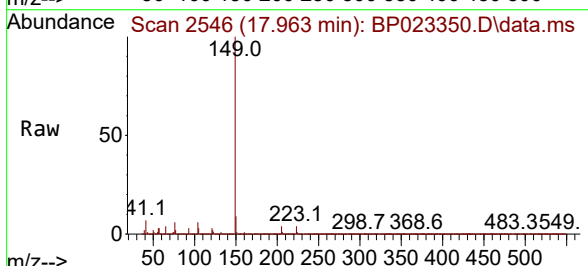
Tgt Ion:149 Resp: 1311990

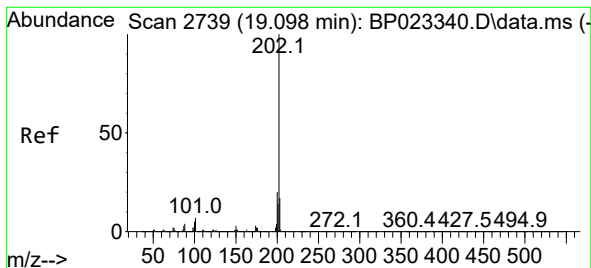
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

104 6.2 5.2 7.8





#80

Fluoranthene

Concen: 35.121 ng/ul

RT: 19.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP023350.D

Acq: 10 Dec 2024 17:14

Instrument :

BNA_P

ClientSampleId :

BHJ99MSD

Tgt Ion:202 Resp: 162690

Ion Ratio Lower Upper

202 100

101 7.5 5.6 8.4

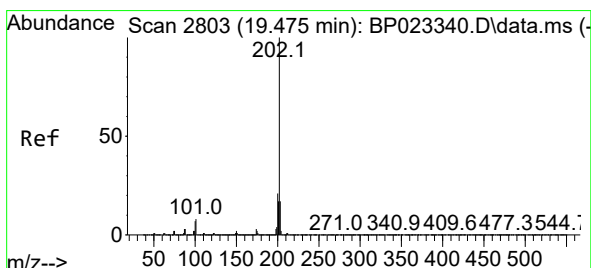
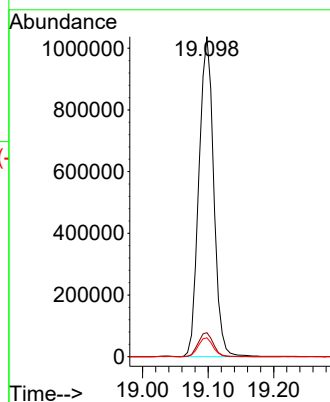
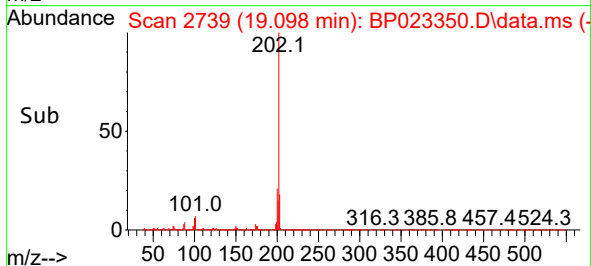
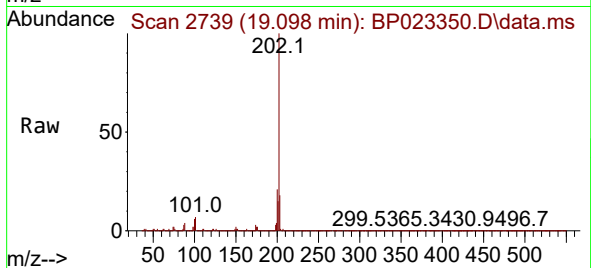
100 5.9 4.6 7.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/13/2024



#82

Pyrene

Concen: 34.799 ng/ul

RT: 19.480 min Scan# 2804

Delta R.T. 0.006 min

Lab File: BP023350.D

Acq: 10 Dec 2024 17:14

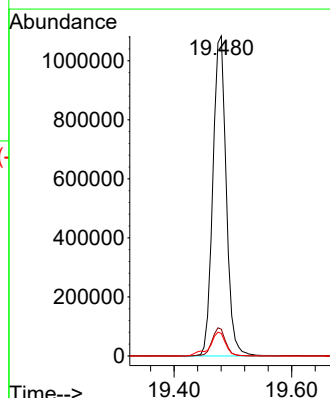
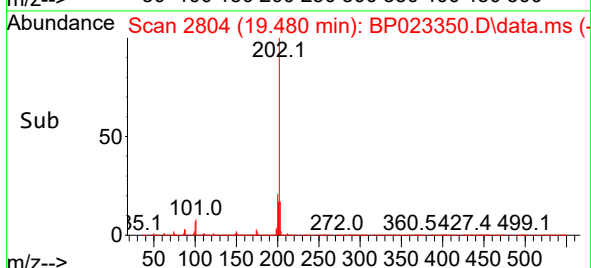
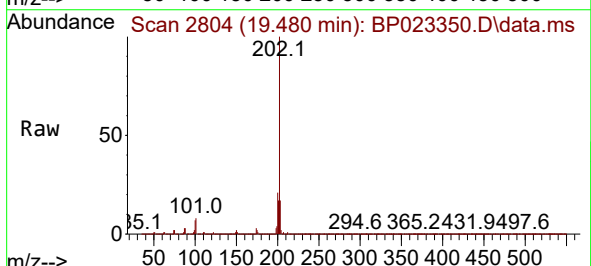
Tgt Ion:202 Resp: 1710588

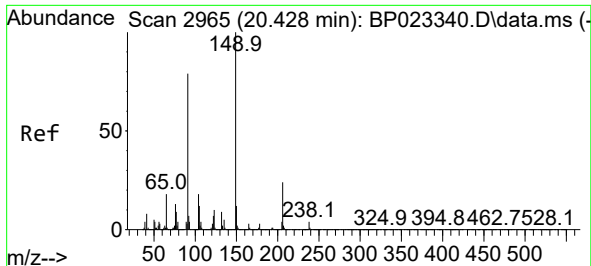
Ion Ratio Lower Upper

202 100

101 8.3 6.7 10.1

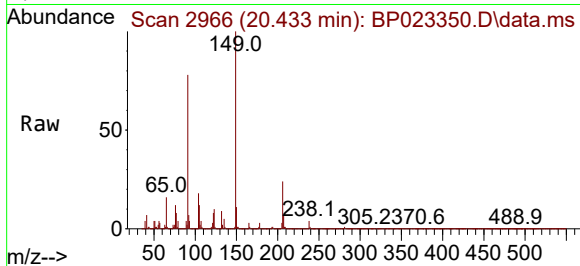
100 7.1 5.8 8.8





#83
Butylbenzylphthalate
Concen: 38.628 ng/ul
RT: 20.433 min Scan# 2965
Delta R.T. 0.006 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14

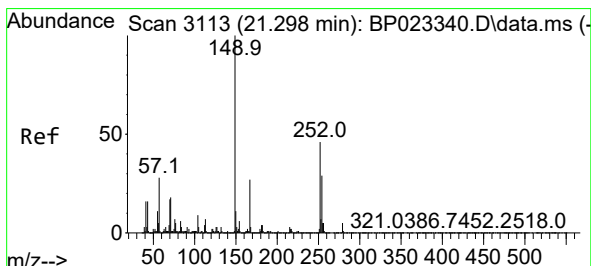
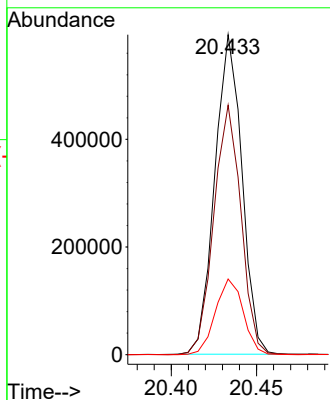
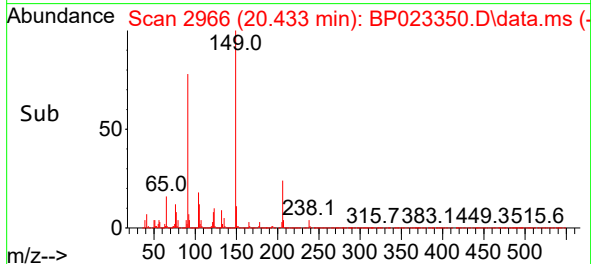
Instrument :
BNA_P
ClientSampleId :
BHJ99MSD



Tgt Ion:149 Resp: 657634
Ion Ratio Lower Upper
149 100
91 78.0 59.0 88.4
206 23.6 20.7 31.1

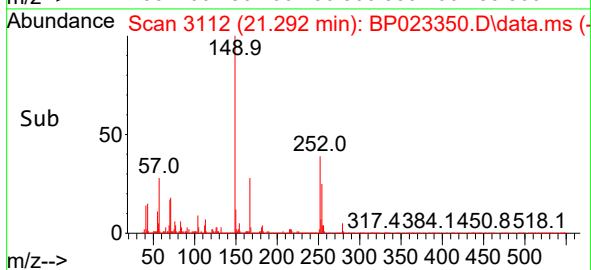
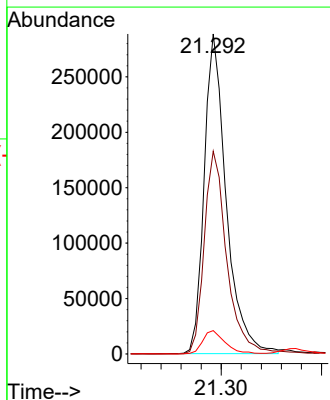
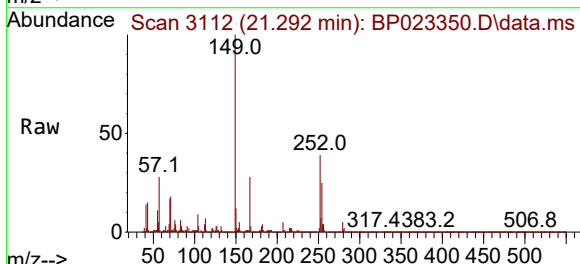
Manual Integrations
APPROVED

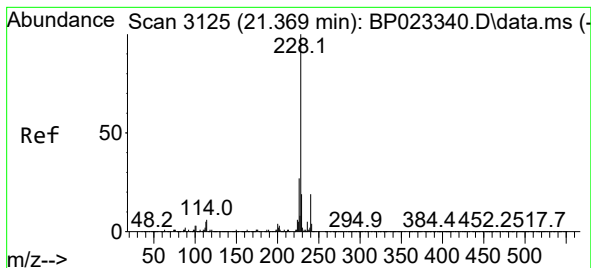
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/13/2024



#84
3,3'-Dichlorobenzidine
Concen: 24.804 ng/ul
RT: 21.292 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14

Tgt Ion:252 Resp: 440390
Ion Ratio Lower Upper
252 100
254 63.4 51.8 77.8
126 7.3 5.0 7.6





#85

Benzo(a)anthracene

Concen: 36.412 ng/ul

RT: 21.374 min Scan# 3125

Delta R.T. 0.006 min

Lab File: BP023350.D

Acq: 10 Dec 2024 17:14

Instrument :

BNA_P

ClientSampleId :

BHJ99MSD

Tgt Ion:228 Resp: 1889299

Ion Ratio Lower Upper

228 100

229 19.9 15.7 23.5

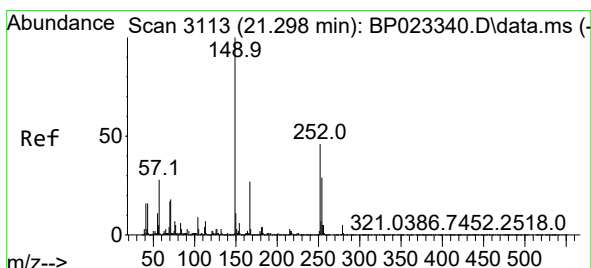
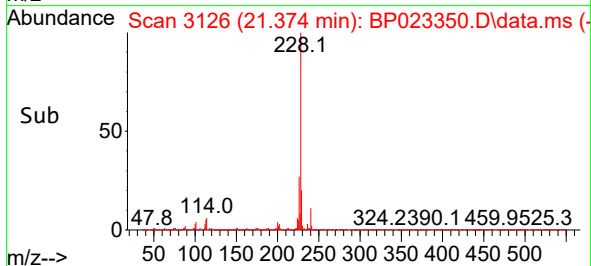
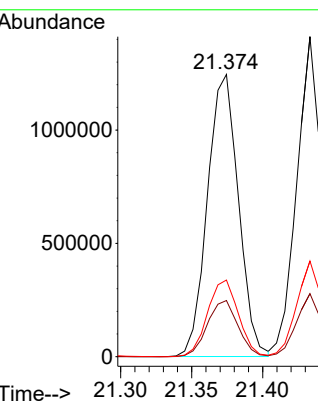
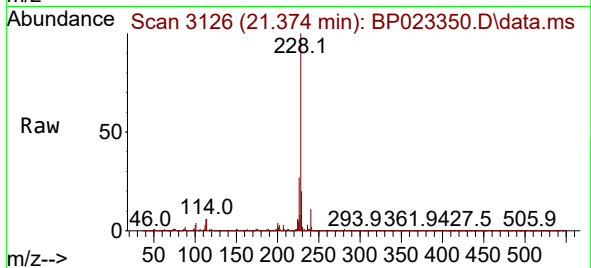
226 27.2 21.6 32.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/13/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 38.637 ng/ul

RT: 21.292 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BP023350.D

Acq: 10 Dec 2024 17:14

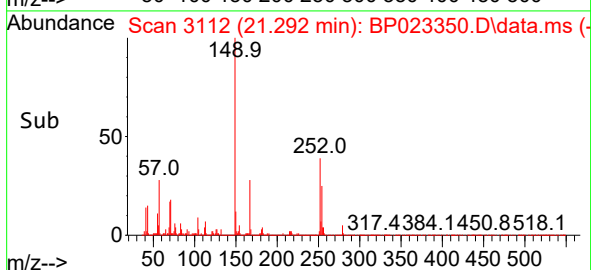
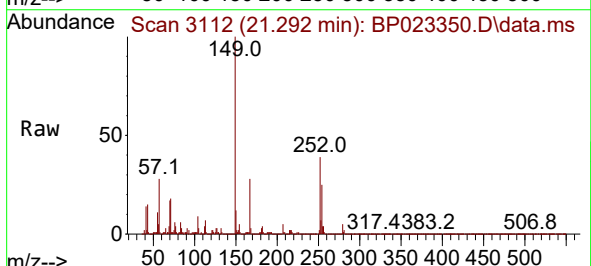
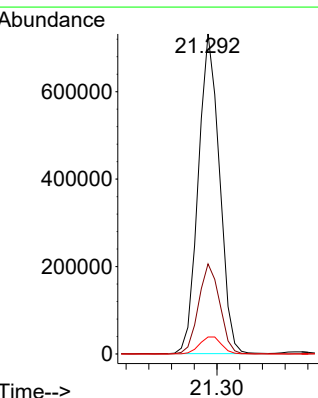
Tgt Ion:149 Resp: 944609

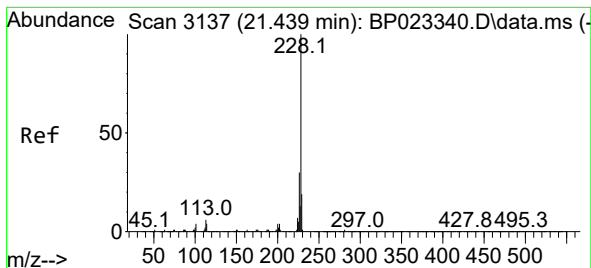
Ion Ratio Lower Upper

149 100

167 28.2 22.5 33.7

279 5.3 3.7 5.5





#87

Chrysene

Concen: 36.377 ng/ul

RT: 21.433 min Scan# 3137

Delta R.T. -0.006 min

Lab File: BP023350.D

Acq: 10 Dec 2024 17:14

Instrument :

BNA_P

ClientSampleId :

BHJ99MSD

Tgt Ion:228 Resp: 180880

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

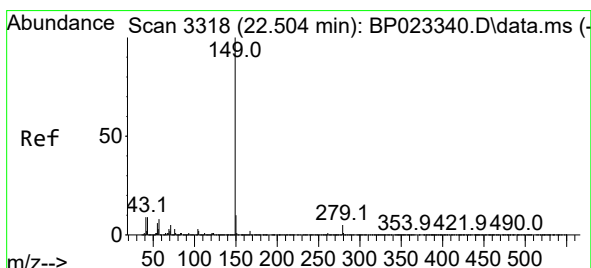
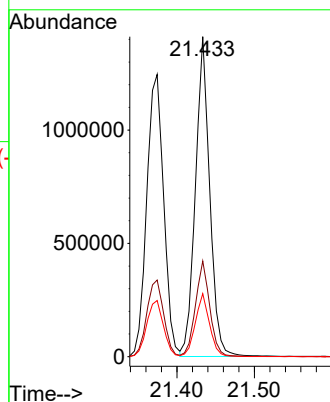
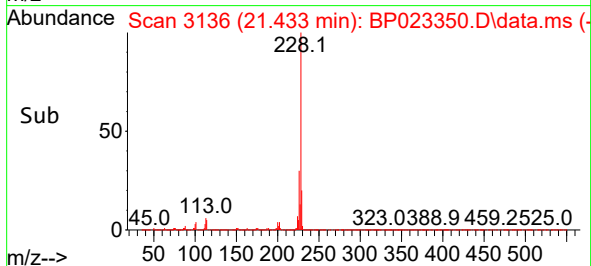
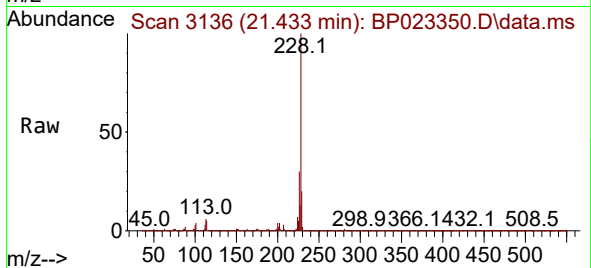
229 19.7 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/13/2024



#89

Di-n-octyl phthalate

Concen: 37.259 ng/ul

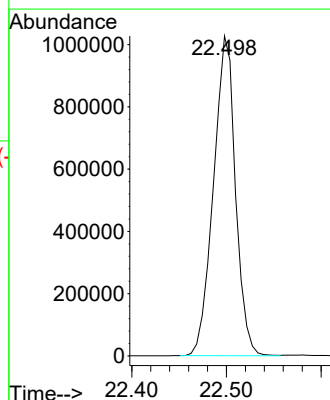
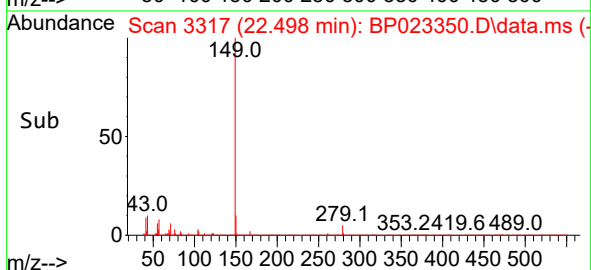
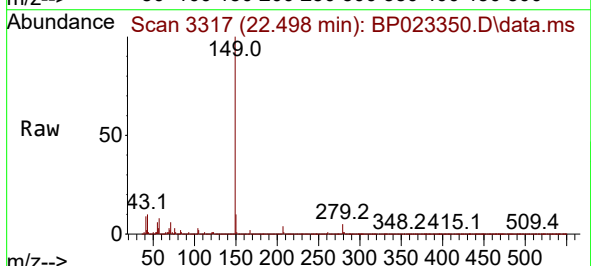
RT: 22.498 min Scan# 3317

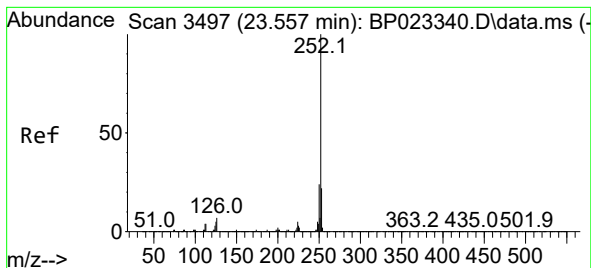
Delta R.T. -0.006 min

Lab File: BP023350.D

Acq: 10 Dec 2024 17:14

Tgt Ion:149 Resp: 1660865





#90

Benzo(b)fluoranthene

Concen: 36.189 ng/ul

RT: 23.563 min Scan# 34

Delta R.T. 0.006 min

Lab File: BP023350.D

Acq: 10 Dec 2024 17:14

Instrument :

BNA_P

ClientSampleId :

BHJ99MSD

Tgt Ion:252 Resp: 207518

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

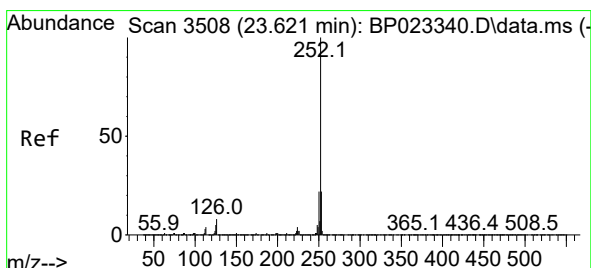
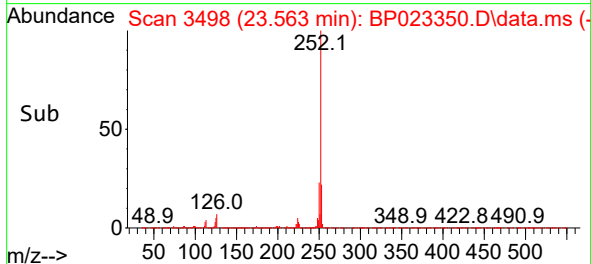
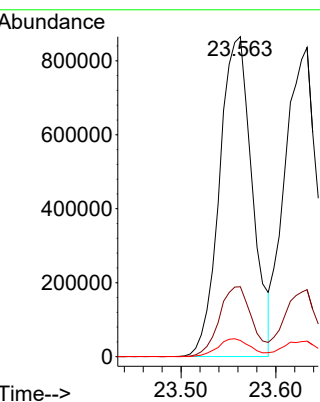
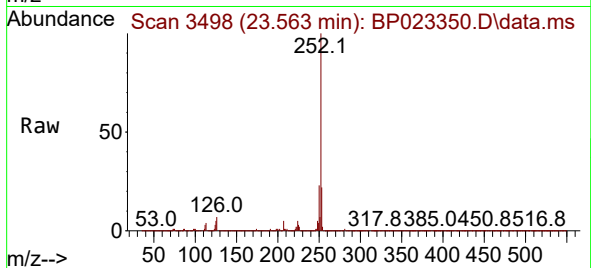
125 5.0 4.4 6.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/13/2024



#91

Benzo(k)fluoranthene

Concen: 35.387 ng/ul

RT: 23.633 min Scan# 3510

Delta R.T. 0.012 min

Lab File: BP023350.D

Acq: 10 Dec 2024 17:14

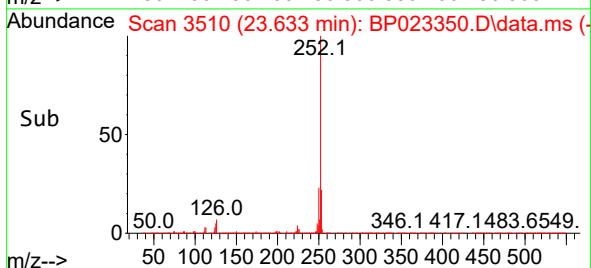
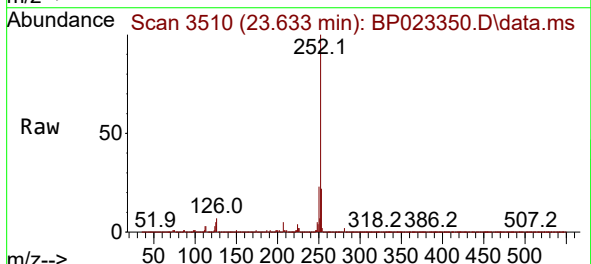
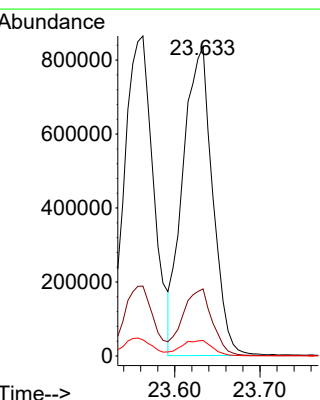
Tgt Ion:252 Resp: 2019027

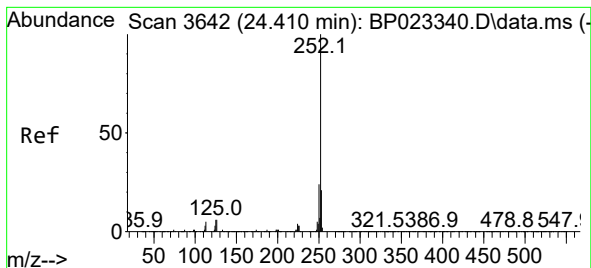
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 5.0 4.3 6.5





#93

Benzo(a)pyrene

Concen: 35.691 ng/ul

RT: 24.415 min Scan# 30

Delta R.T. 0.006 min

Lab File: BP023350.D

Acq: 10 Dec 2024 17:14

Instrument :

BNA_P

ClientSampleId :

BHJ99MSD

Tgt Ion:252 Resp: 1855684

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

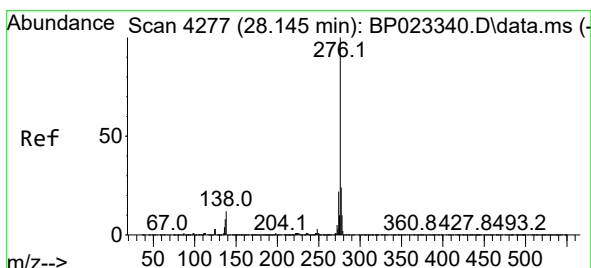
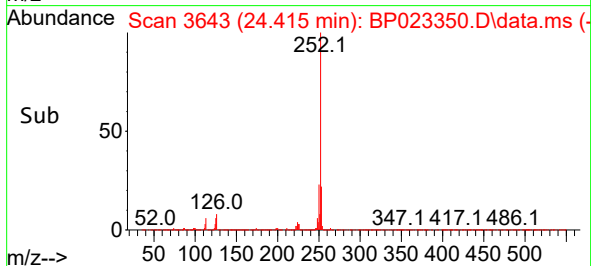
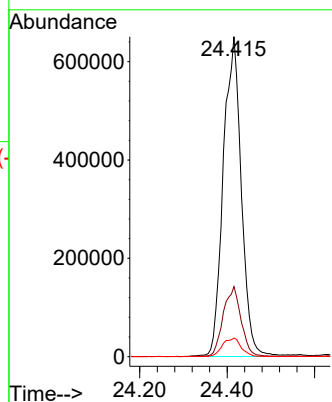
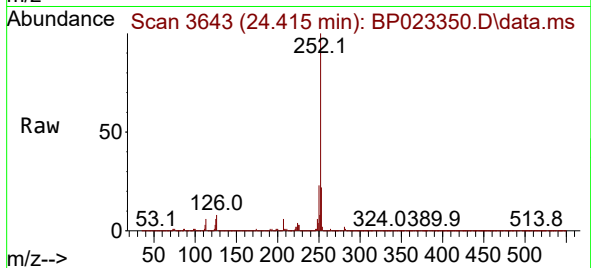
125 5.8 5.0 7.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/13/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 36.951 ng/ul m

RT: 28.127 min Scan# 4274

Delta R.T. -0.018 min

Lab File: BP023350.D

Acq: 10 Dec 2024 17:14

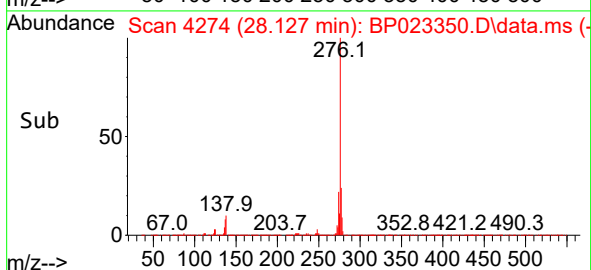
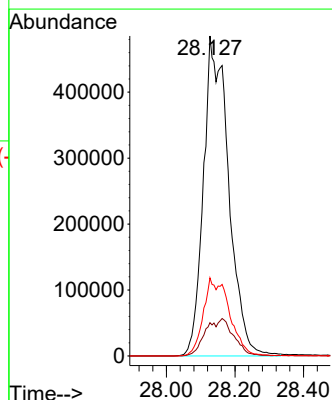
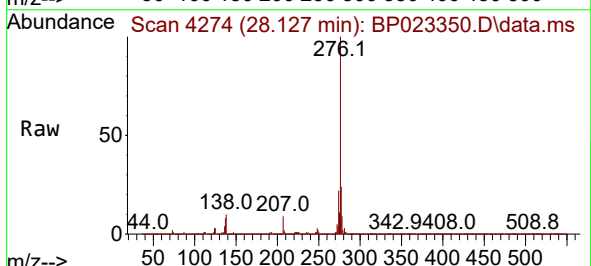
Tgt Ion:276 Resp: 2468910

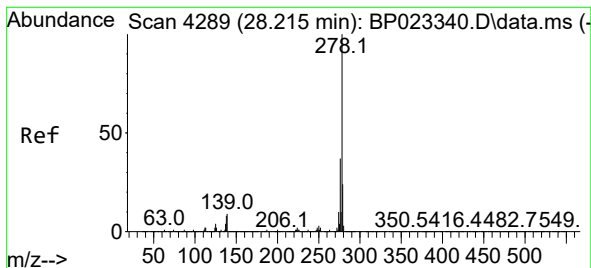
Ion Ratio Lower Upper

276 100

138 10.4 7.8 11.6

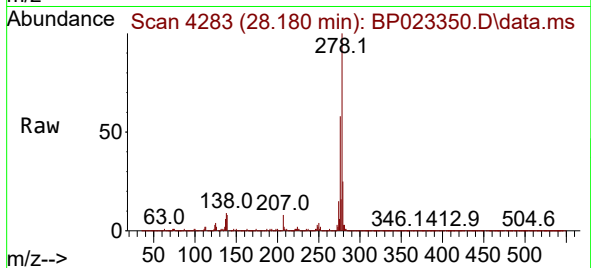
277 24.4 19.8 29.8





#95
Dibenzo(a,h)anthracene
Concen: 36.774 ng/ul
RT: 28.180 min Scan# 4283
Delta R.T. -0.035 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14

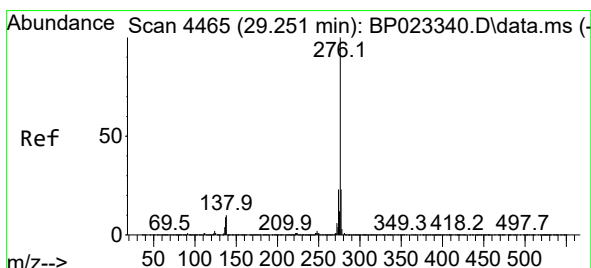
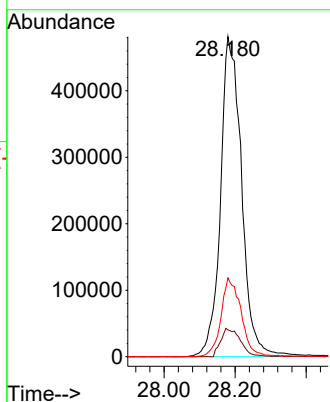
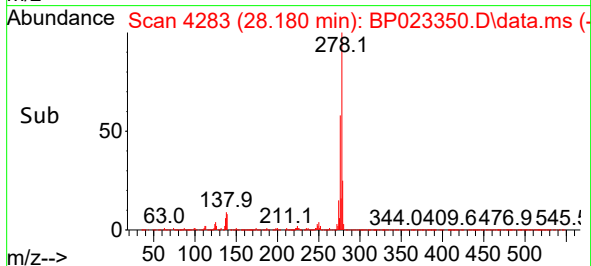
Instrument :
BNA_P
ClientSampleId :
BHJ99MSD



Tgt Ion:278 Resp: 196636
Ion Ratio Lower Upper
278 100
139 8.4 6.0 9.0
279 24.6 19.2 28.8

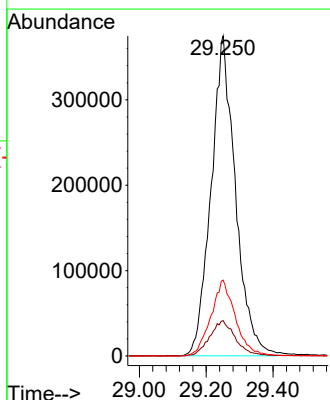
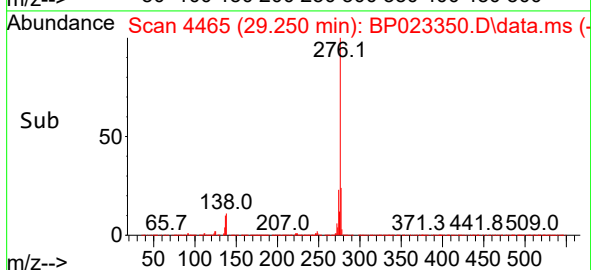
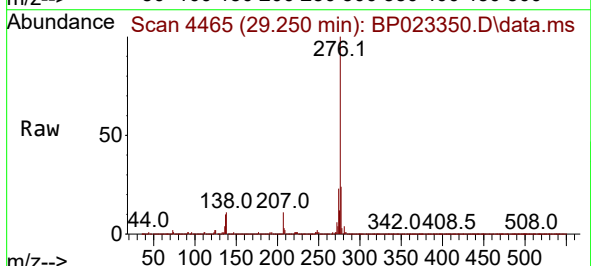
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/13/2024



#96
Benzo(g,h,i)perylene
Concen: 37.120 ng/ul
RT: 29.250 min Scan# 4465
Delta R.T. -0.000 min
Lab File: BP023350.D
Acq: 10 Dec 2024 17:14

Tgt Ion:276 Resp: 1898965
Ion Ratio Lower Upper
276 100
138 11.1 8.5 12.7
277 23.7 18.9 28.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121024\
 Data File : BP023350.D
 Acq On : 10 Dec 2024 17:14
 Operator : RC/JU
 Sample : P5107-22MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BHJ99MSD

Quant Time: Dec 11 02:15:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 00:30:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/12/2024
 Supervised By :mohammad ahmed 12/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.546	152	108310	20.000	ng/u1	0.00
20) Naphthalene-d8	10.281	136	385518	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.145	164	275538	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.957	188	670137	20.000	ng/u1	0.00
79) Chrysene-d12	21.392	240	773767	20.000	ng/u1	0.00
88) Perylene-d12	24.562	264	912697	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	13098	4.452	ng/uL	0.00
4) Pyridine-d5	3.534	84	27583	3.646	ng/u1	0.02
7) Phenol-d5	6.752	99	104753	12.326	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.893	67	165830	30.929	ng/u1	0.00
11) 2-Chlorophenol-d4	7.087	132	176818	28.191	ng/u1	0.00
15) 4-Methylphenol-d8	8.252	113	156603	22.832	ng/u1	0.00
21) Nitrobenzene-d5	8.681	128	87922	30.541	ng/u1	0.00
24) 2-Nitrophenol-d4	9.399	143	104409	31.469	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.934	165	214586	30.644	ng/u1	0.00
31) 4-Chloroaniline-d4	10.446	131	142414	18.154	ng/u1	0.00
46) Dimethylphthalate-d6	13.569	166	757096	35.395	ng/u1	0.01
49) Acenaphthylene-d8	13.839	160	756218	33.518	ng/u1	0.00
54) 4-Nitrophenol-d4	14.422	143	36960	14.100	ng/u1	0.01
60) Fluorene-d10	15.157	176	626295	33.288	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.322	200	151801	37.481	ng/u1	0.01
73) Anthracene-d10	17.063	188	1082353	35.389	ng/u1	0.01
81) Pyrene-d10	19.445	212	1423729	35.218	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.339	264	1783115	36.495	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.140	88	16410	5.041	ng/uL#	91
5) Pyridine	3.552	79	28135	3.641	ng/u1	97
6) Benzaldehyde	6.716	77	105455m	21.706	ng/u1	
8) Phenol	6.775	94	115148	13.015	ng/u1	99
10) Bis(2-Chloroethyl)ether	6.981	93	209484	29.996	ng/u1	97
12) 2-Chlorophenol	7.116	128	182112	27.696	ng/u1	97
13) 2-Methylphenol	7.993	108	163993	24.994	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.046	45	261668	30.811	ng/u1	97
16) Acetophenone	8.357	105	324622	28.120	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.334	70	181511	28.856	ng/u1	97
18) 4-Methylphenol	8.316	108	167730	23.684	ng/u1	98
19) Hexachloroethane	8.587	117	79135	24.718	ng/u1	96
22) Nitrobenzene	8.728	77	282556	32.257	ng/u1	95
23) Isophorone	9.240	82	494865	31.896	ng/u1	99
25) 2-Nitrophenol	9.422	139	110229	31.102	ng/u1	97
26) 2,4-Dimethylphenol	9.493	107	208517	26.570	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.710	93	277492	31.656	ng/u1	97
29) 2,4-Dichlorophenol	9.957	162	210405	30.317	ng/u1	99
30) Naphthalene	10.334	128	580982	28.787	ng/u1	100
32) 4-Chloroaniline	10.469	127	55993	7.361	ng/u1	97
33) Hexachlorobutadiene	10.599	225	170859	27.754	ng/u1	97
34) Caprolactam	11.293	113	9197m	4.542	ng/u1	
35) 4-Chloro-3-methylphenol	11.593	107	240404	31.901	ng/u1	96
36) 2-Methylnaphthalene	11.940	142	436095	29.138	ng/u1	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121024\
 Data File : BP023350.D
 Acq On : 10 Dec 2024 17:14
 Operator : RC/JU
 Sample : P5107-22MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BHJ99MSD

Quant Time: Dec 11 02:15:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 00:30:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/12/2024
 Supervised By :mohammad ahmed 12/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.169	142	439572	28.822	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.316	216	317725	31.599	ng/ul	96
40) Hexachlorocyclopentadiene	12.281	237	127974	26.489	ng/ul	98
41) 2,4,6-Trichlorophenol	12.575	196	205245	34.492	ng/ul	98
42) 2,4,5-Trichlorophenol	12.657	196	222961	35.070	ng/ul	98
43) 1,1'-Biphenyl	12.969	154	634683	32.509	ng/ul	99
44) 2-Chloronaphthalene	13.010	162	508183	32.181	ng/ul	98
45) 2-Nitroaniline	13.245	65	180322	39.412	ng/ul	96
47) Dimethylphthalate	13.610	163	740590	35.148	ng/ul	98
48) 2,6-Dinitrotoluene	13.740	165	150033	37.162	ng/ul	100
50) Acenaphthylene	13.869	152	761100	33.126	ng/ul	99
51) 3-Nitroaniline	14.081	138	102764	30.370	ng/ul	97
52) Acenaphthene	14.222	153	560607	33.382	ng/ul	98
53) 2,4-Dinitrophenol	14.316	184	95017	36.496	ng/ul	92
55) 4-Nitrophenol	14.434	109	41829	11.845	ng/ul	94
56) Dibenzofuran	14.563	168	844340	33.106	ng/ul	100
57) 2,4-Dinitrotoluene	14.557	165	230813	35.478	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	14.798	232	209631	33.214	ng/ul#	94
59) Diethylphthalate	14.992	149	751478	35.761	ng/ul	99
61) Fluorene	15.216	166	712727	34.321	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.210	204	403961	33.539	ng/ul	99
63) 4-Nitroaniline	15.275	138	123002	41.329	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.334	198	161453	37.579	ng/ul	94
67) N-Nitrosodiphenylamine	15.434	169	605273	35.369	ng/ul	99
68) 4-Bromophenyl-phenylether	16.128	248	278268	35.175	ng/ul	98
69) Hexachlorobenzene	16.245	284	326749	33.714	ng/ul	97
70) Atrazine	16.428	200	2075m	0.279	ng/ul	
71) Pentachlorophenol	16.616	266	180302	31.873	ng/ul	95
72) Phenanthrene	17.004	178	1213640	35.031	ng/ul	99
74) Anthracene	17.098	178	1221660	35.266	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.934	216	324316	33.574	ng/uL	98
76) Pentachlorobenzene	14.475	250	357051	33.535	ng/uL	98
77) Carbazole	17.398	167	1072160	37.989	ng/ul	100
78) Di-n-butylphthalate	17.963	149	1311990	37.833	ng/ul	99
80) Fluoranthene	19.098	202	1626901	35.121	ng/ul	99
82) Pyrene	19.480	202	1710588	34.799	ng/ul	100
83) Butylbenzylphthalate	20.433	149	657634	38.628	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.292	252	440390	24.804	ng/ul	98
85) Benzo(a)anthracene	21.374	228	1889299	36.412	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.292	149	944609	38.637	ng/ul	100
87) Chrysene	21.433	228	1808801	36.377	ng/ul	100
89) Di-n-octyl phthalate	22.498	149	1660865	37.259	ng/ul	100
90) Benzo(b)fluoranthene	23.563	252	2075187	36.189	ng/ul	99
91) Benzo(k)fluoranthene	23.633	252	2019027	35.387	ng/ul	99
93) Benzo(a)pyrene	24.415	252	1855684	35.691	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.127	276	2468910m	36.951	ng/ul	
95) Dibenzo(a,h)anthracene	28.180	278	1966367	36.774	ng/ul	98
96) Benzo(g,h,i)perylene	29.250	276	1898965	37.120	ng/ul	99

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