

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE103124\
 Data File : BE101436.D
 Acq On : 31 Oct 2024 17:01
 Operator : RC/JU
 Sample : P4640-01MS 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MH-3MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024

Quant Time: Nov 01 06:14:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 29 01:26:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.572	152	167058	20.000	ng	0.00
21) Naphthalene-d8	10.339	136	767140	20.000	ng	0.00
39) Acenaphthene-d10	14.182	164	521423	20.000	ng	0.00
64) Phenanthrene-d10	16.920	188	1128586	20.000	ng	0.00
76) Chrysene-d12	21.080	240	1174625	20.000	ng	0.00
86) Perylene-d12	23.377	264	1533850	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	154153	16.173	ng	0.00
7) Phenol-d6	6.949	99	201520	15.247	ng	0.00
23) Nitrobenzene-d5	8.783	82	123518	10.113	ng	0.00
42) 2,4,6-Tribromophenol	15.686	330	147058	16.091	ng	0.00
45) 2-Fluorobiphenyl	12.801	172	345056	11.207	ng	0.00
79) Terphenyl-d14	19.511	244	672755	13.182	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.218	88	21312	5.995	ng	96
3) Pyridine	3.724	79	41507	4.127	ng	95
4) n-Nitrosodimethylamine	3.589	42	27483	7.062	ng	# 94
6) Aniline	7.026	93	58792m	5.804	ng	
8) 2-Chlorophenol	7.214	128	95964	8.394	ng	97
10) Phenol	6.973	94	122365	8.533	ng	98
11) bis(2-Chloroethyl)ether	7.037	93	95019m	8.077	ng	
12) 1,3-Dichlorobenzene	7.461	146	96682	7.843	ng	100
13) 1,4-Dichlorobenzene	7.607	146	99325	7.890	ng	97
14) 1,2-Dichlorobenzene	7.936	146	99568	8.080	ng	99
15) Benzyl Alcohol	7.925	79	51014	6.475	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.072	45	120875	8.165	ng	97
17) 2-Methylphenol	8.154	107	77625	7.998	ng	98
18) Hexachloroethane	8.630	117	31370	7.631	ng	99
19) n-Nitroso-di-n-propyla...	8.371	70	63594	7.251	ng	98
20) 3+4-Methylphenols	8.495	107	102383	7.642	ng	98
22) Acetophenone	8.424	105	134832	7.741	ng	# 97
24) Nitrobenzene	8.824	77	96374	7.414	ng	98
25) Isophorone	9.270	82	178028	7.470	ng	98
26) 2-Nitrophenol	9.511	139	48192	7.670	ng	97
27) 2,4-Dimethylphenol	9.629	122	78829	9.970	ng	95
28) bis(2-Chloroethoxy)met...	9.775	93	109563	7.580	ng	99
29) 2,4-Dichlorophenol	10.063	162	95758	8.755	ng	99
30) 1,2,4-Trichlorobenzene	10.187	180	97672	8.197	ng	100
31) Naphthalene	10.387	128	327677	8.382	ng	99
32) Benzoic acid	9.834	122	35018	11.784	ng	99
33) 4-Chloroaniline	10.616	127	83571	6.148	ng	98
34) Hexachlorobutadiene	10.633	225	60144	8.527	ng	99
35) Caprolactam	11.385	113	25053	5.975	ng	90
36) 4-Chloro-3-methylphenol	11.791	107	97596	7.837	ng	99
37) 2-Methylnaphthalene	11.979	142	238651	8.474	ng	99
38) 1-Methylnaphthalene	12.202	142	225111	8.008	ng	98
40) 1,2,4,5-Tetrachloroben...	12.337	216	117314	8.962	ng	99
41) Hexachlorocyclopentadiene	12.314	237	11040	2.554	ng	100
43) 2,4,6-Trichlorophenol	12.654	196	81480	9.030	ng	96
44) 2,4,5-Trichlorophenol	12.760	196	87924	8.509	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.007	154	302545	8.469	ng	99
47) 2-Chloronaphthalene	13.054	162	239956	8.502	ng	99
48) 2-Nitroaniline	13.383	65	60156	7.920	ng	96
49) Acenaphthylene	13.912	152	391265	9.374	ng	99
50) Dimethylphthalate	13.683	163	286023	7.771	ng	99
51) 2,6-Dinitrotoluene	13.818	165	59738	7.030	ng	97
52) Acenaphthene	14.241	154	245011	8.990	ng	100
53) 3-Nitroaniline	14.229	138	58582	6.933	ng	99
54) 2,4-Dinitrophenol	14.370	184	4594	6.324	ng	# 82
55) Dibenzofuran	14.587	168	387834	8.928	ng	98
56) 4-Nitrophenol	14.646	139	111309	14.385	ng	96
57) 2,4-Dinitrotoluene	14.605	165	81471	6.964	ng	98
58) Fluorene	15.222	166	317683	8.742	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.852	232	83381	8.733	ng	98
60) Diethylphthalate	15.011	149	303825	7.892	ng	99
61) 4-Chlorophenyl-phenyle...	15.210	204	151083	8.378	ng	99
62) 4-Nitroaniline	15.410	138	60493	6.434	ng	98
63) Azobenzene	15.504	77	277256	8.378	ng	98
66) n-Nitrosodiphenylamine	15.457	169	269327	8.999	ng	99
67) 4-Bromophenyl-phenylether	16.097	248	103980	8.759	ng	97
68) Hexachlorobenzene	16.203	284	135904	8.734	ng	96
69) Atrazine	16.391	200	94928	10.346	ng	100
70) Pentachlorophenol	16.615	266	144298	16.110	ng	97
71) Phenanthrene	16.961	178	604530	11.188	ng	98
72) Anthracene	17.043	178	539034	10.216	ng	98
73) Carbazole	17.378	167	474605	8.791	ng	98
74) Di-n-butylphthalate	17.825	149	573446	9.649	ng	97
75) Fluoranthene	18.965	202	805201	12.269	ng	97
77) Benzidine	19.217	184	189221	12.693	ng	100
78) Pyrene	19.335	202	852516	13.198	ng	96
80) Butylbenzylphthalate	20.187	149	277330	9.793	ng	97
81) Benzo(a)anthracene	21.062	228	772008	11.693	ng	96
82) 3,3'-Dichlorobenzidine	21.033	252	197903	7.652	ng	# 99
83) Chrysene	21.115	228	751212	11.768	ng	95
84) Bis(2-ethylhexyl)phtha...	20.886	149	421512	11.205	ng	98
85) Di-n-octyl phthalate	21.738	149	708732	11.479	ng	98
87) Indeno(1,2,3-cd)pyrene	25.698	276	1039066	10.122	ng	97
88) Benzo(b)fluoranthene	22.660	252	887060	11.097	ng	98
89) Benzo(k)fluoranthene	22.701	252	759417	10.169	ng	98
90) Benzo(a)pyrene	23.266	252	803440	11.493	ng	99
91) Dibenzo(a,h)anthracene	25.692	278	805036	9.491	ng	99
92) Benzo(g,h,i)perylene	26.450	276	801197	9.167	ng	99

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

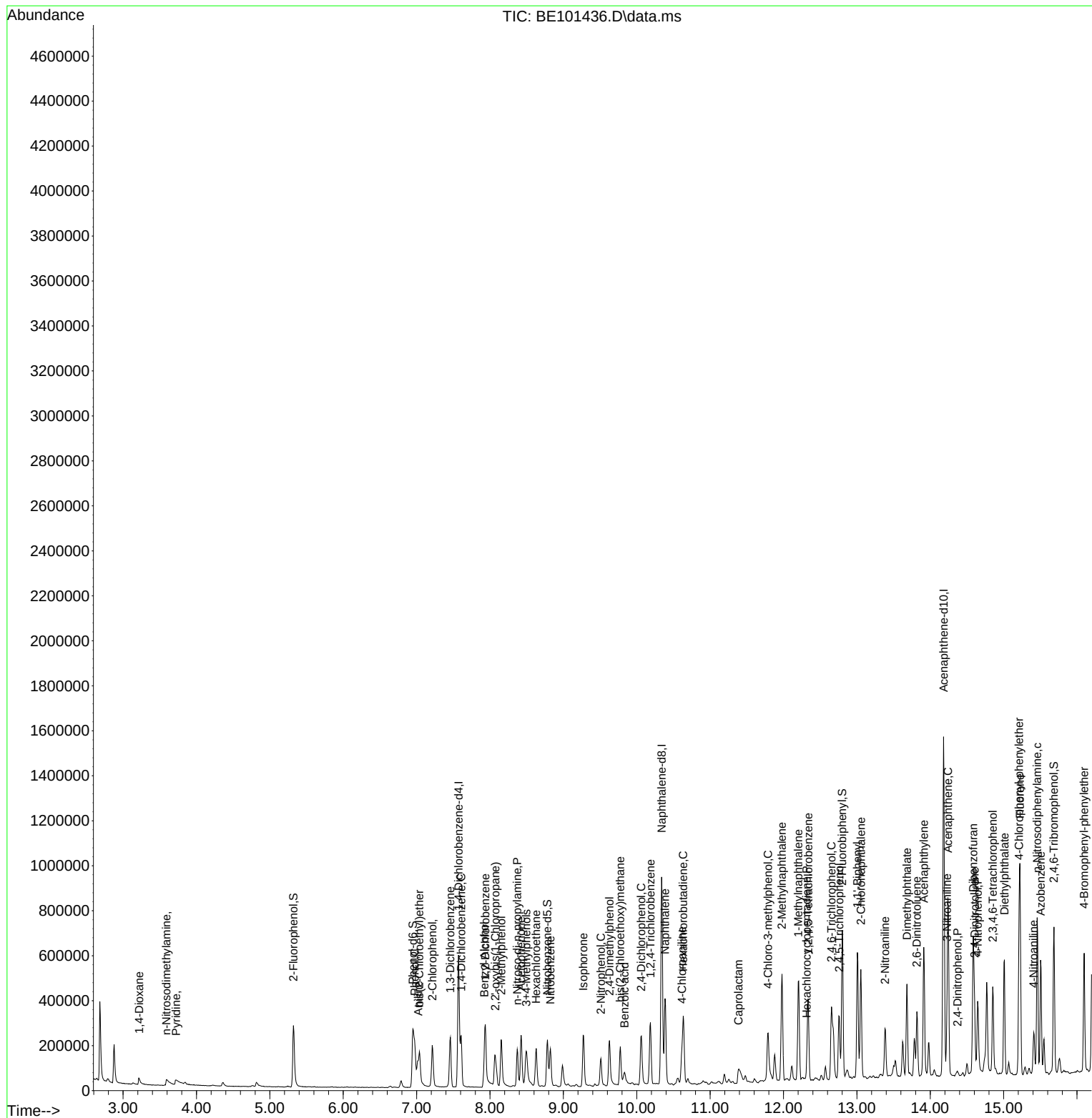
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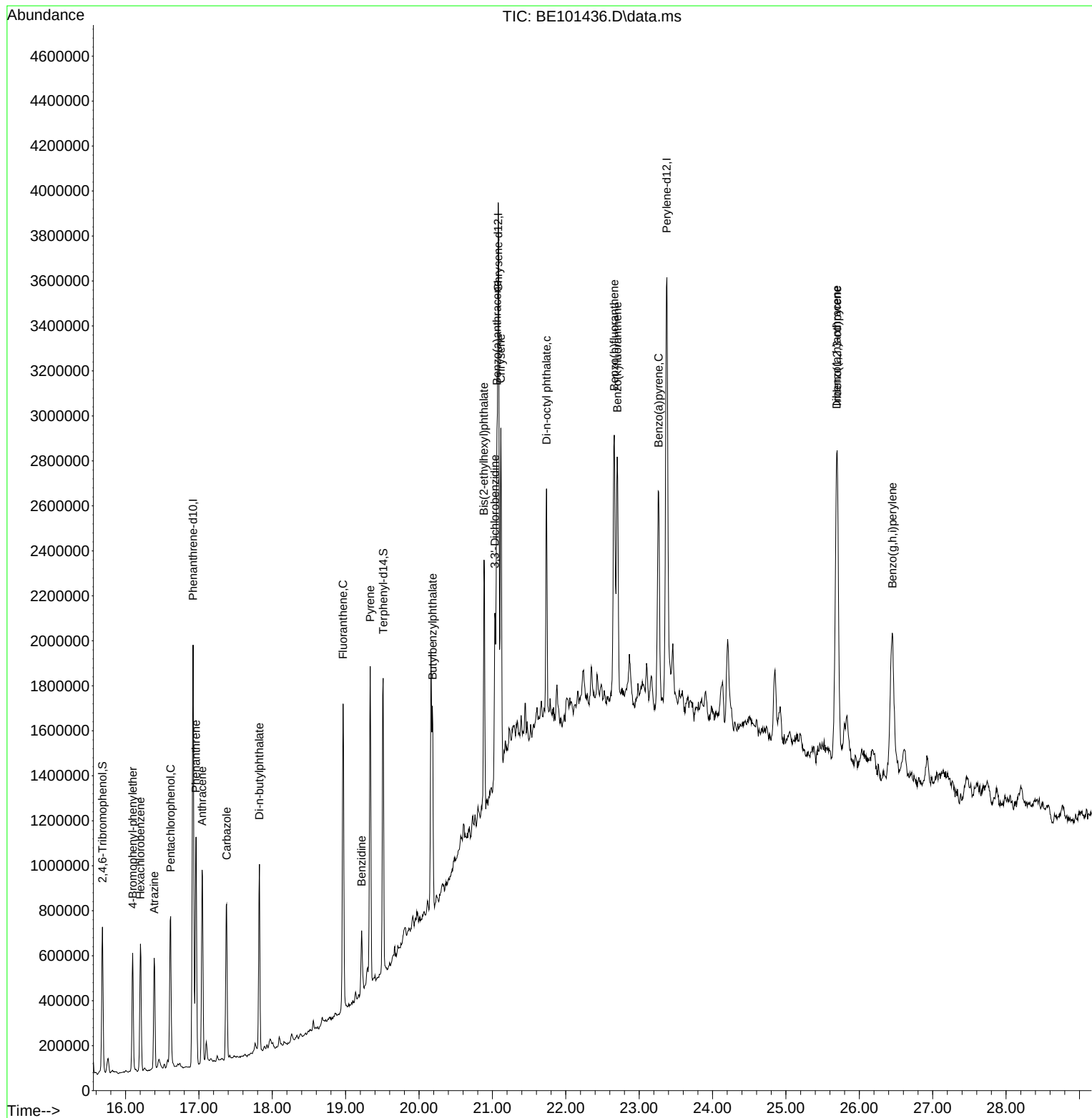
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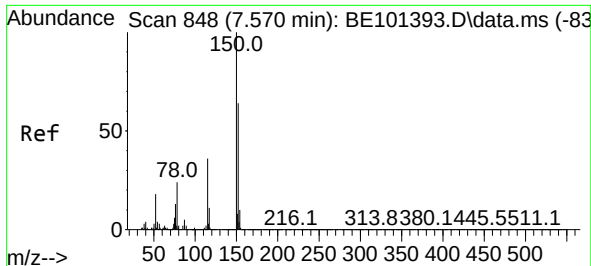
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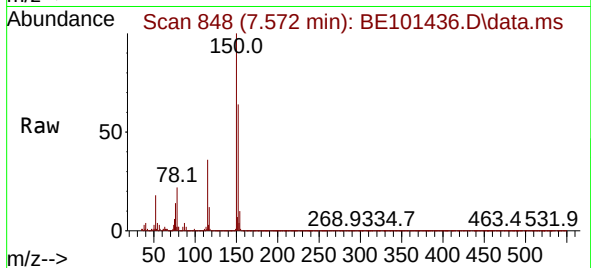
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.572 min Scan# 84
 Delta R.T. 0.002 min
 Lab File: BE101436.D
 Acq: 31 Oct 2024 17:01

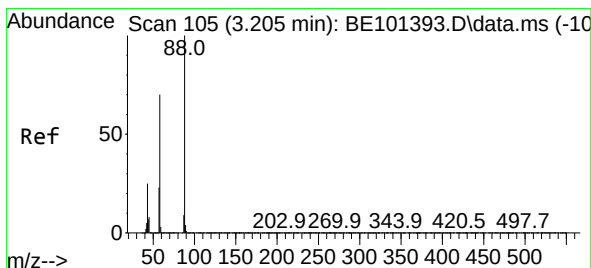
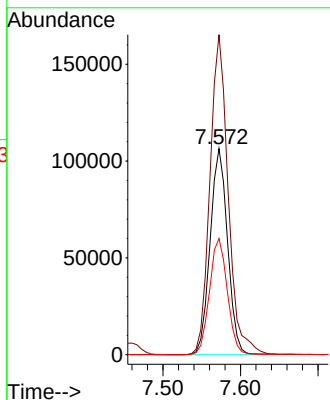
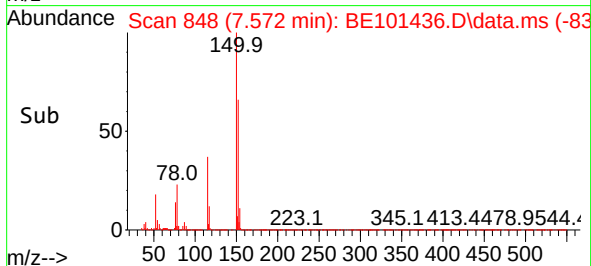
Instrument :
 BNA_E
 ClientSampleId :
 MH-3MS



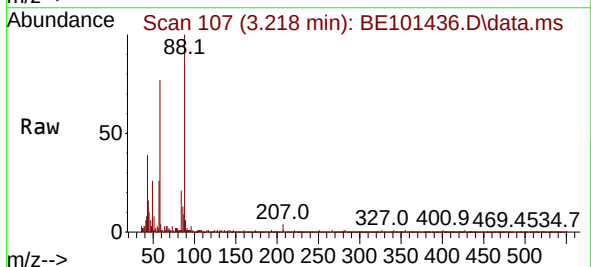
Tgt Ion:152 Resp: 167058
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.2 186.4
 115 56.4 45.3 67.9

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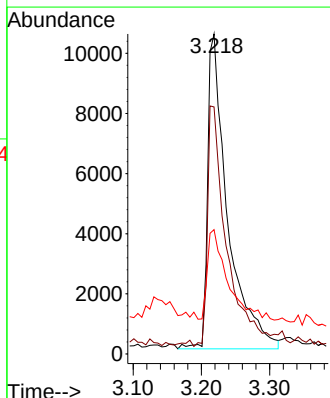
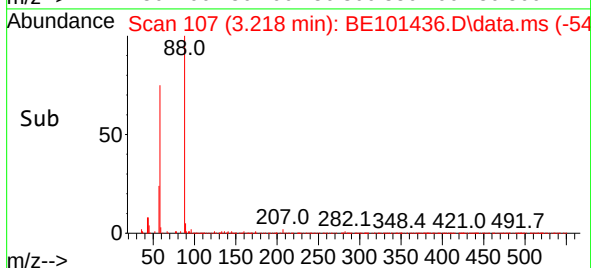
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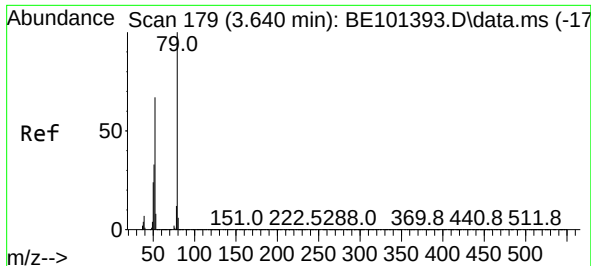


#2
 1,4-Dioxane
 Concen: 5.995 ng
 RT: 3.218 min Scan# 107
 Delta R.T. 0.013 min
 Lab File: BE101436.D
 Acq: 31 Oct 2024 17:01



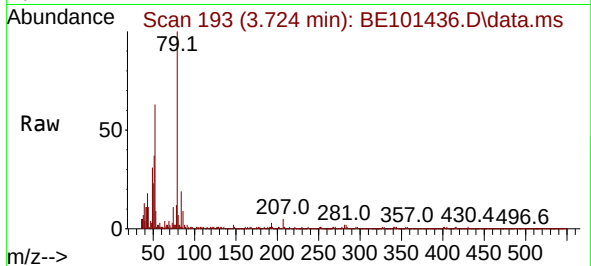
Tgt Ion: 88 Resp: 21312
 Ion Ratio Lower Upper
 88 100
 58 72.9 56.5 84.7
 43 29.1 19.8 29.8





#3
Pyridine
Concen: 4.127 ng
RT: 3.724 min Scan# 193
Delta R.T. 0.084 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

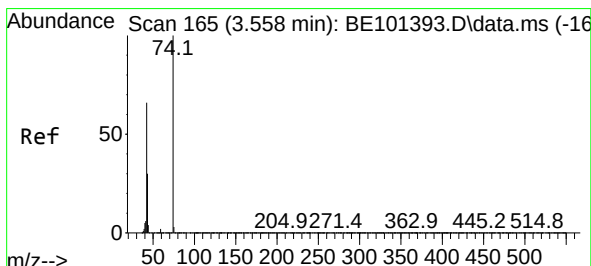
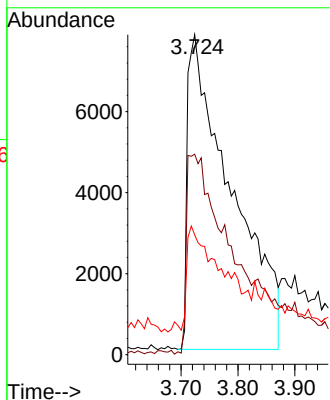
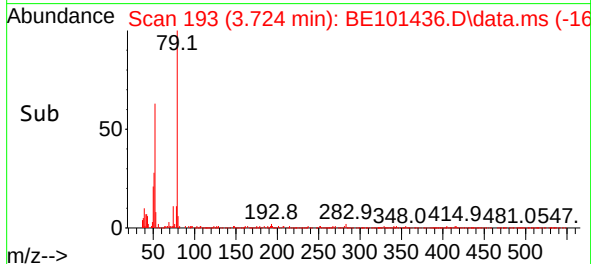
Instrument :
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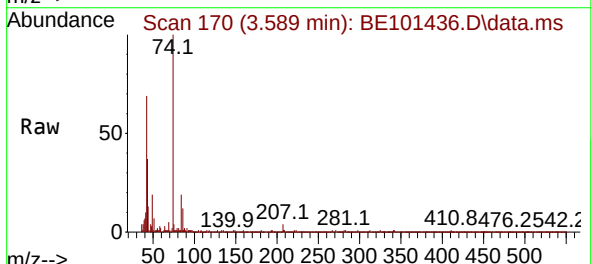
Tgt Ion: 79 Resp: 4150
Ion Ratio Lower Upper
79 100
52 62.7 53.3 79.9
51 37.5 27.3 40.9

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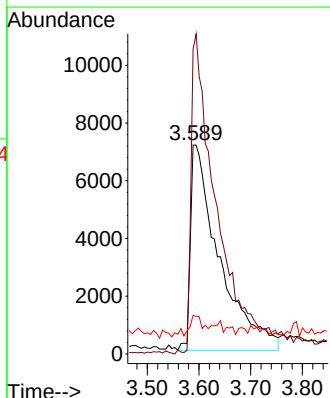
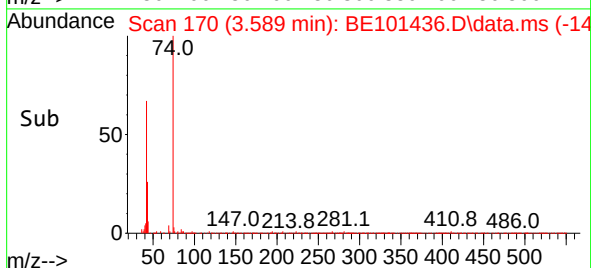
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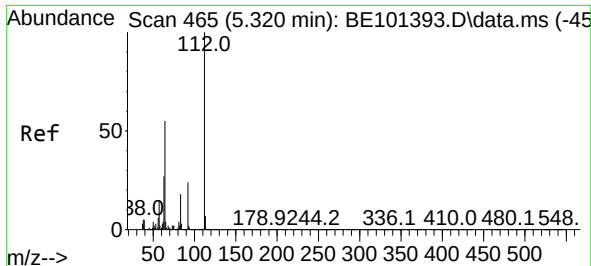


#4
n-Nitrosodimethylamine
Concen: 7.062 ng
RT: 3.589 min Scan# 170
Delta R.T. 0.031 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01



Tgt Ion: 42 Resp: 27483
Ion Ratio Lower Upper
42 100
74 145.9 121.4 182.0
44 18.4 5.6 8.4





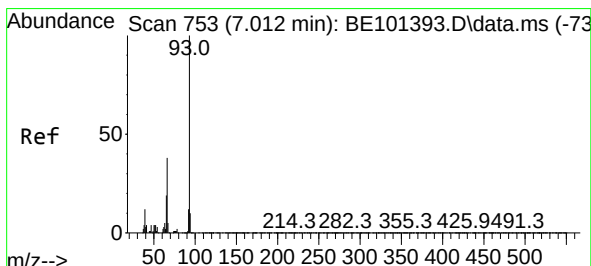
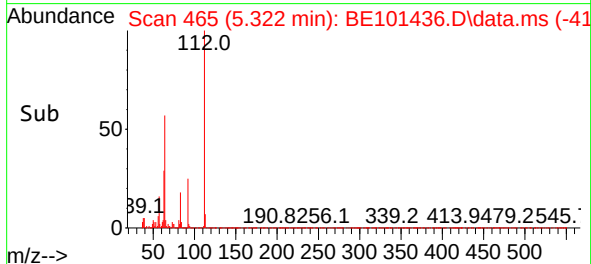
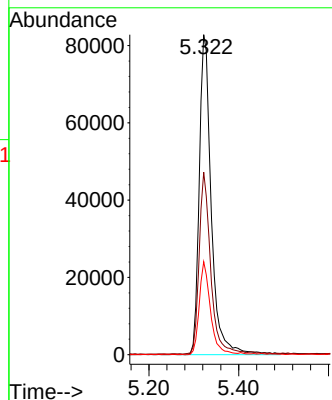
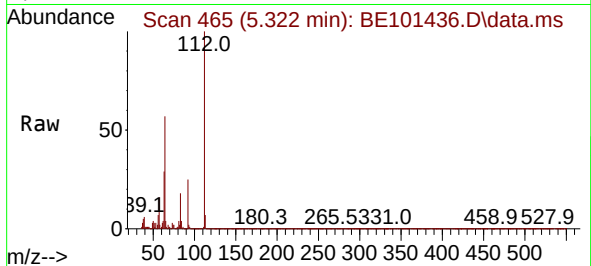
#5
2-Fluorophenol
Concen: 16.173 ng
RT: 5.322 min Scan# 465
Delta R.T. 0.002 min
Lab File: BE101436.D
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Tgt Ion: 112 Resp: 15415
Ion Ratio Lower Upper
112 100
64 57.0 43.7 65.5
63 29.1 21.4 32.2

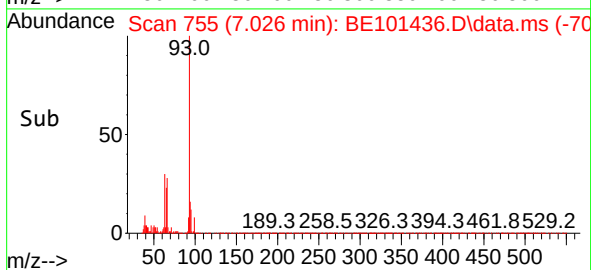
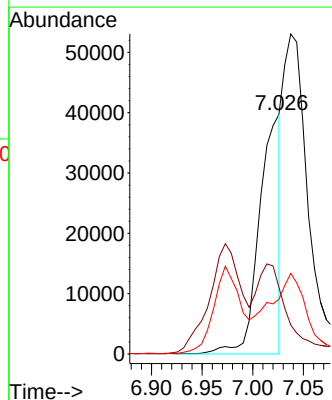
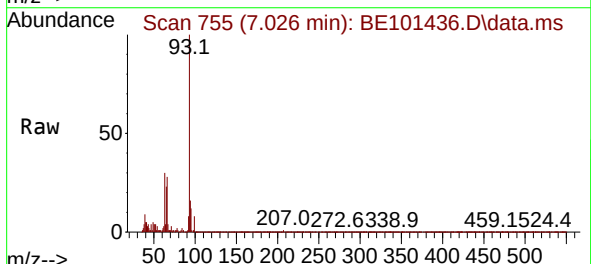
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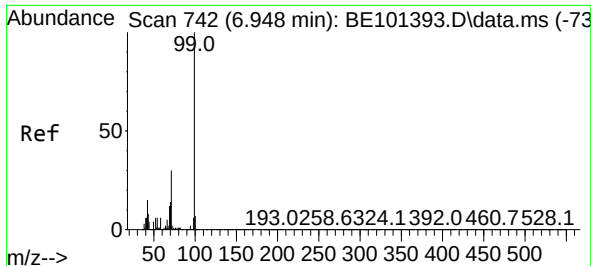
Reviewed By :Yogesh Patel 11/04/2024
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#6
Aniline
Concen: 5.804 ng m
RT: 7.026 min Scan# 755
Delta R.T. 0.013 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

Tgt Ion: 93 Resp: 58792
Ion Ratio Lower Upper
93 100
66 27.9 31.0 46.4#
65 22.8 15.5 23.3





#7

Phenol-d6

Concen: 15.247 ng

RT: 6.949 min Scan# 742

Delta R.T. 0.002 min

Lab File: BE101436.D

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ClientSampleId :

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Tgt Ion: 99 Resp: 201520

Ion Ratio Lower Upper

99 100

42 16.0 12.3 18.5

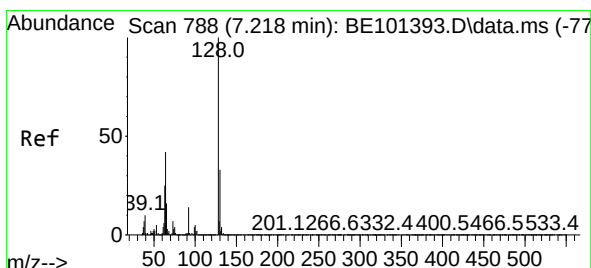
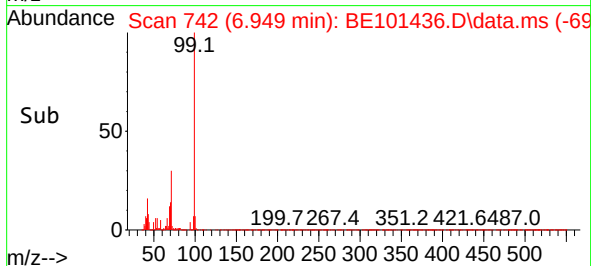
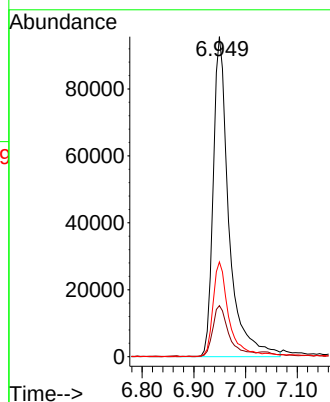
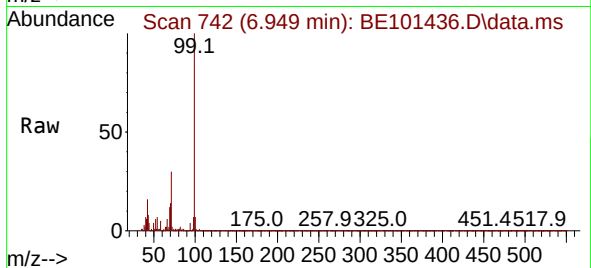
71 29.6 23.8 35.8

Manual Integrations

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#8

2-Chlorophenol

Concen: 8.394 ng

RT: 7.214 min Scan# 787

Delta R.T. -0.004 min

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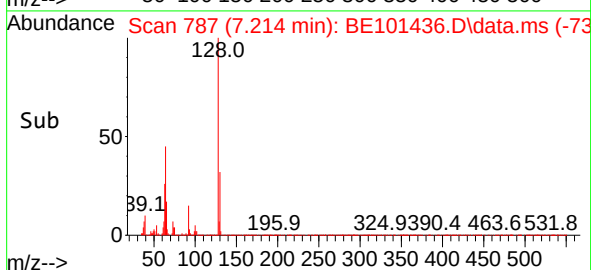
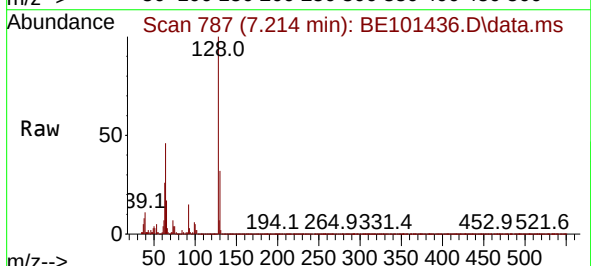
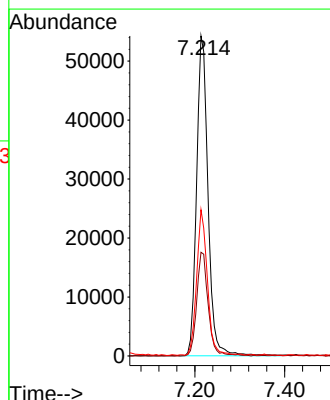
Tgt Ion:128 Resp: 95964

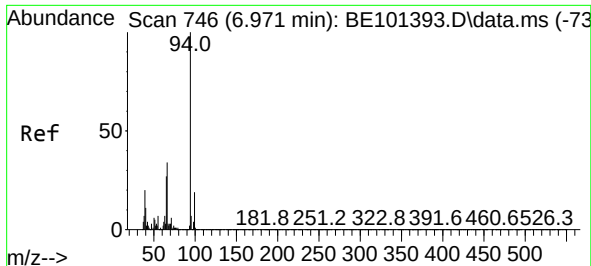
Ion Ratio Lower Upper

128 100

130 32.4 12.9 52.9

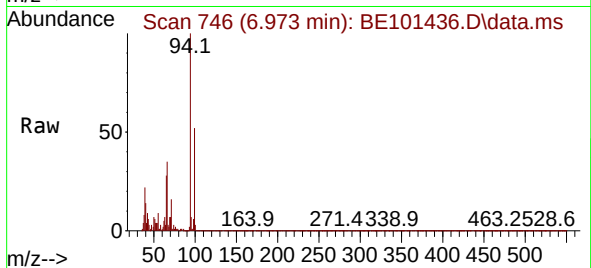
64 45.7 22.3 62.3





#10
Phenol
Concen: 8.533 ng
RT: 6.973 min Scan# 746
Delta R.T. 0.002 min
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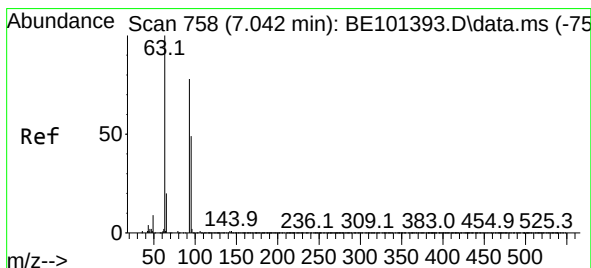
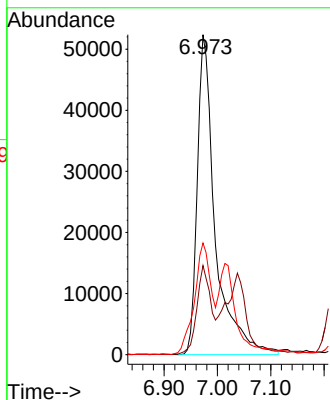
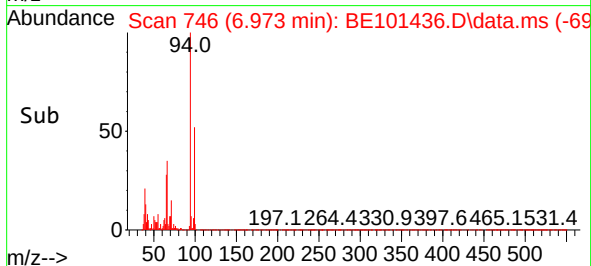
Instrument :
BNA_E
ClientSampleId :
MH-3MS



Tgt Ion: 94 Resp: 12236
Ion Ratio Lower Upper
94 100
65 27.8 6.8 46.8
66 34.9 14.0 54.0

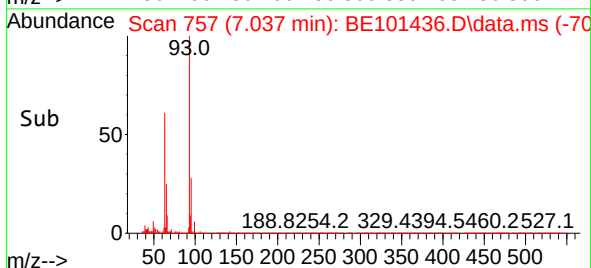
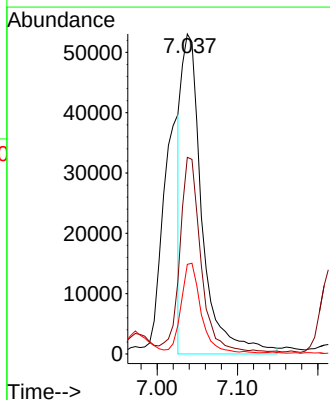
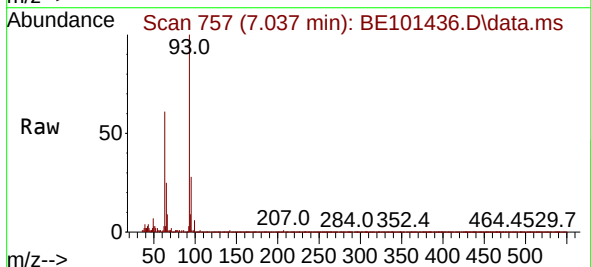
Manual Integrations
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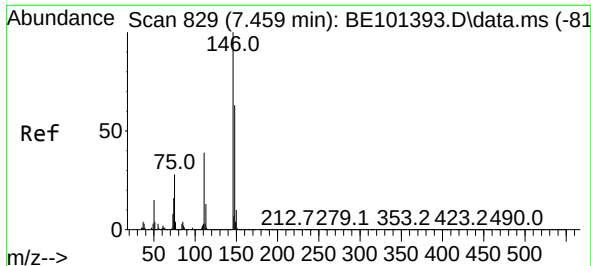
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#11
bis(2-Chloroethyl)ether
Concen: 8.077 ng m
RT: 7.037 min Scan# 757
Delta R.T. -0.004 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

Tgt Ion: 93 Resp: 95019
Ion Ratio Lower Upper
93 100
63 61.5 46.3 86.3
95 28.0 9.6 49.6





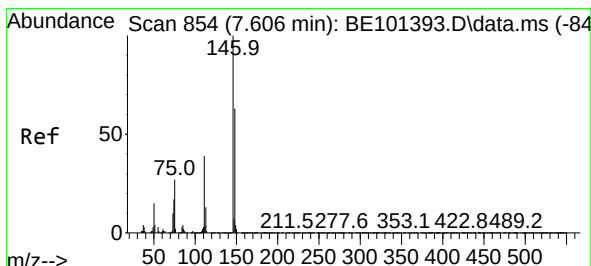
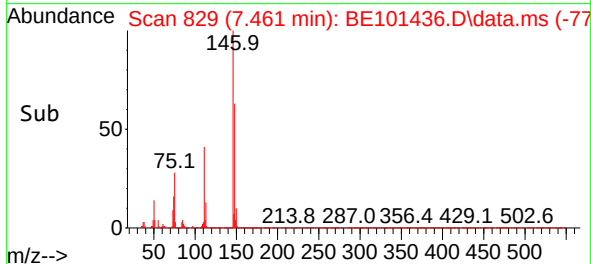
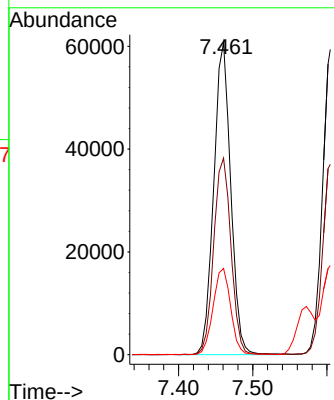
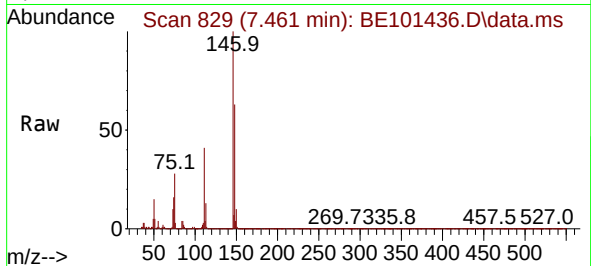
#12
1,3-Dichlorobenzene
Concen: 7.843 ng
RT: 7.461 min Scan# 81
Delta R.T. 0.002 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

Instrument :
BNA_E
ClientSampleId :
MH-3MS

Tgt Ion:146 Resp: 9668
Ion Ratio Lower Upper
146 100
148 63.0 50.5 75.7
75 27.6 22.0 33.0

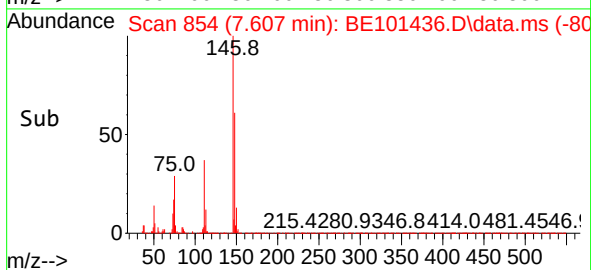
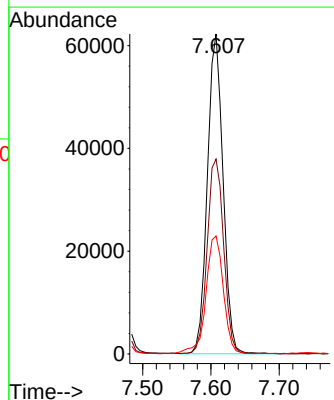
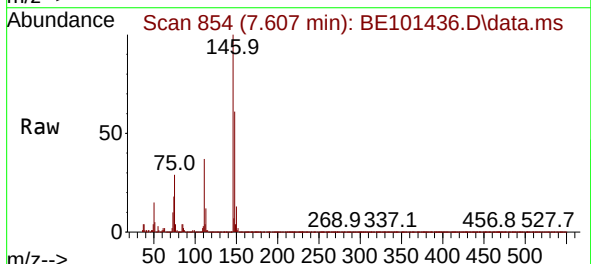
Manual Integrations
APPROVED

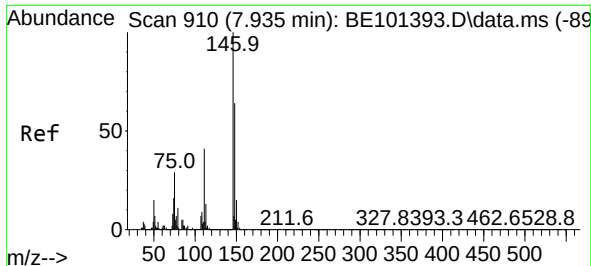
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#13
1,4-Dichlorobenzene
Concen: 7.890 ng
RT: 7.607 min Scan# 854
Delta R.T. 0.002 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

Tgt Ion:146 Resp: 99325
Ion Ratio Lower Upper
146 100
148 60.9 50.2 75.2
111 36.9 31.6 47.4





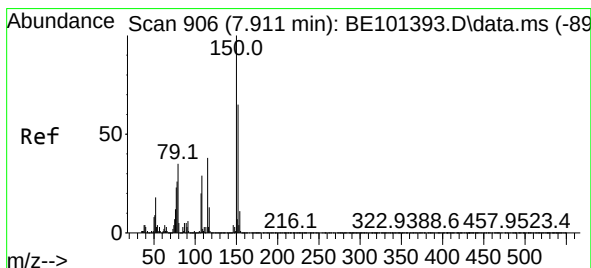
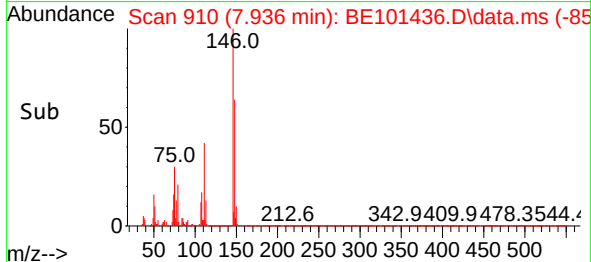
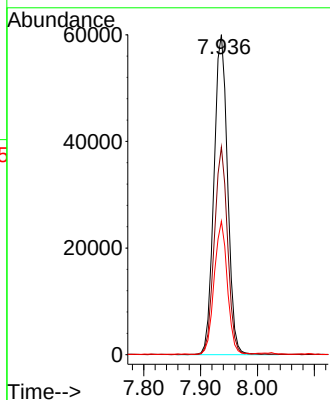
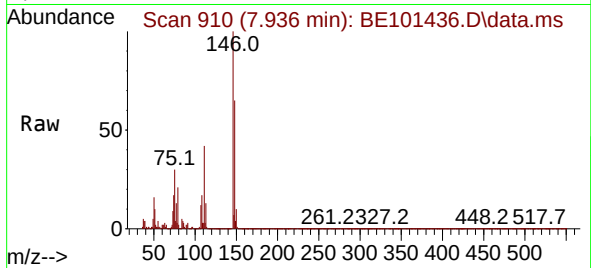
#14
1,2-Dichlorobenzene
Concen: 8.080 ng
RT: 7.936 min Scan# 910
Delta R.T. 0.002 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

Instrument :
BNA_E
ClientSampleId :
MH-3MS

Tgt Ion:146 Resp: 99568
Ion Ratio Lower Upper
146 100
148 64.9 51.4 77.2
111 41.7 32.8 49.2

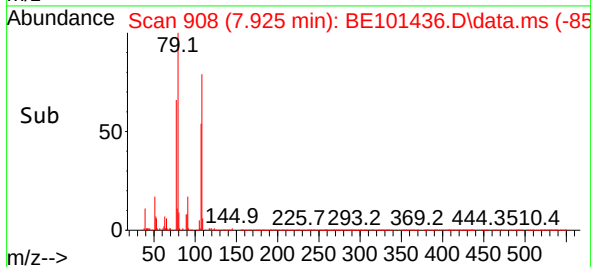
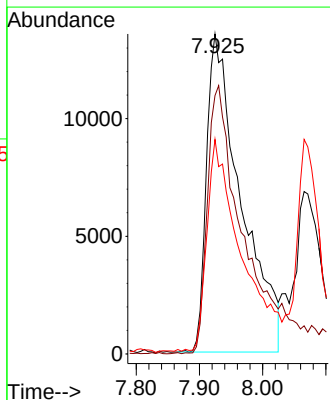
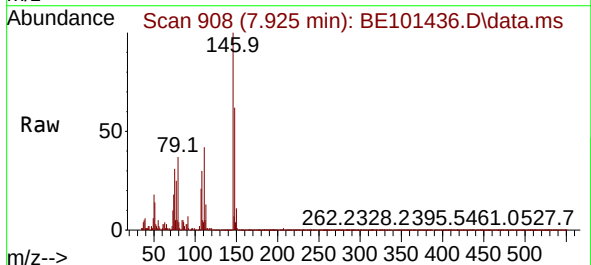
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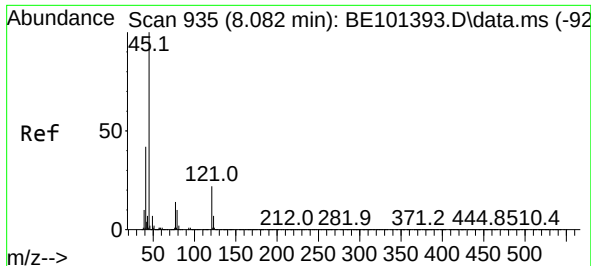
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#15
Benzyl Alcohol
Concen: 6.475 ng
RT: 7.925 min Scan# 908
Delta R.T. 0.013 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

Tgt Ion: 79 Resp: 51014
Ion Ratio Lower Upper
79 100
108 80.7 66.1 99.1
77 67.1 53.1 79.7





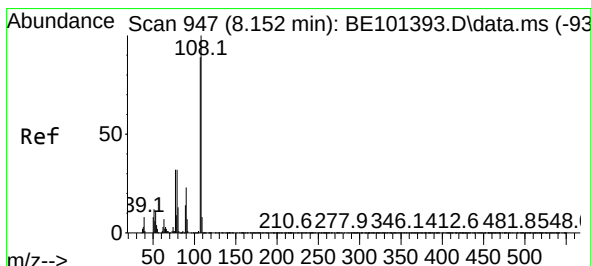
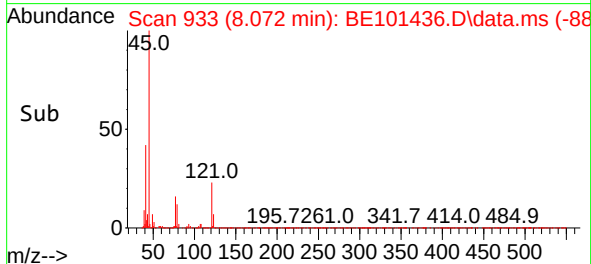
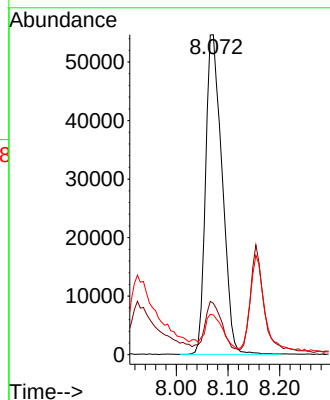
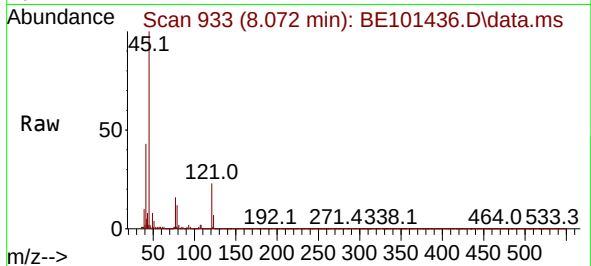
#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.165 ng
RT: 8.072 min Scan# 91
Delta R.T. -0.010 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

Instrument :
BNA_E
ClientSampleId :
MH-3MS

Tgt Ion: 45 Resp: 12087
Ion Ratio Lower Upper
45 100
77 16.1 0.0 34.5
79 12.4 0.0 31.8

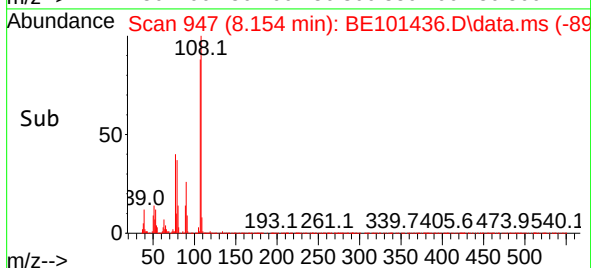
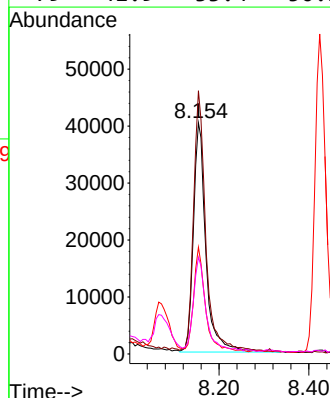
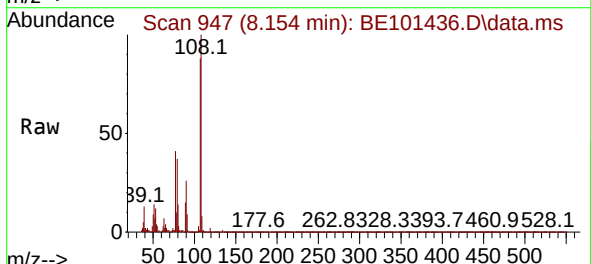
Manual Integrations
APPROVED

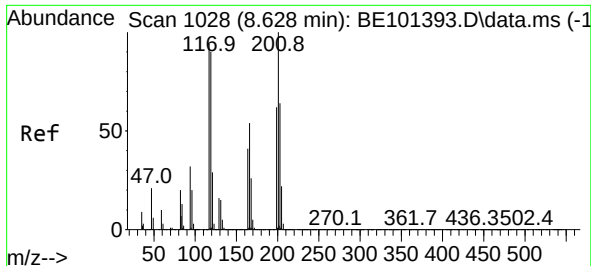
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#17
2-Methylphenol
Concen: 7.998 ng
RT: 8.154 min Scan# 947
Delta R.T. 0.002 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

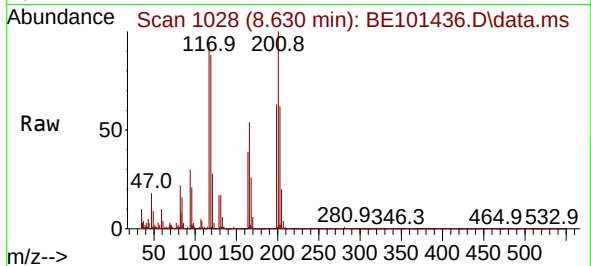
Tgt Ion:107 Resp: 77625
Ion Ratio Lower Upper
107 100
108 113.9 90.0 135.0
77 46.2 34.2 51.4
79 41.9 33.4 50.2





#18
Hexachloroethane
Concen: 7.631 ng
RT: 8.630 min Scan# 1028
Delta R.T. 0.002 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

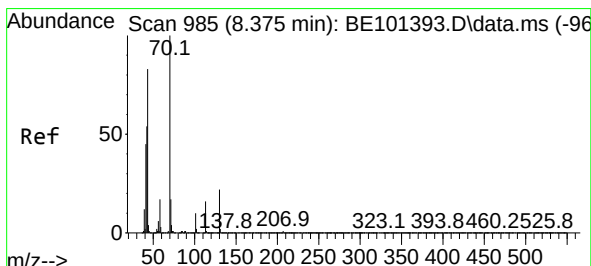
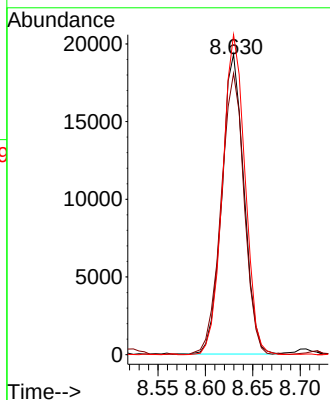
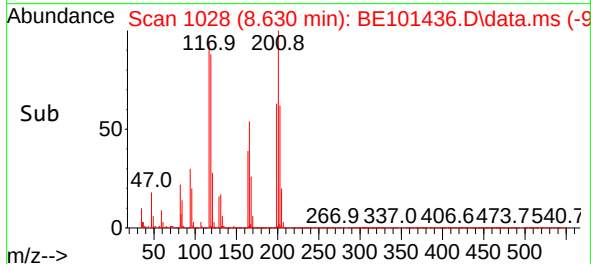
Instrument :
BNA_E
ClientSampleId :
MH-3MS



Tgt Ion:117 Resp: 31370
Ion Ratio Lower Upper
117 100
119 93.7 77.0 115.4
201 106.5 85.3 127.9

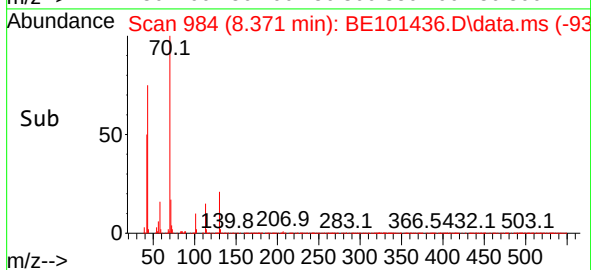
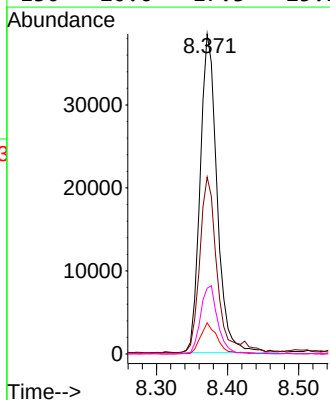
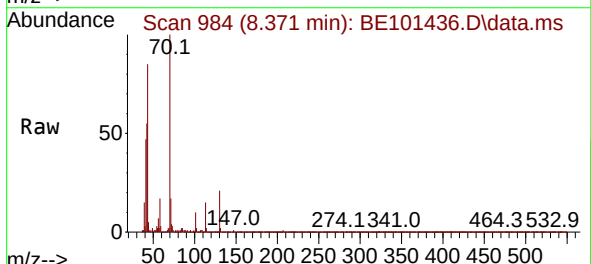
Manual Integrations
APPROVED

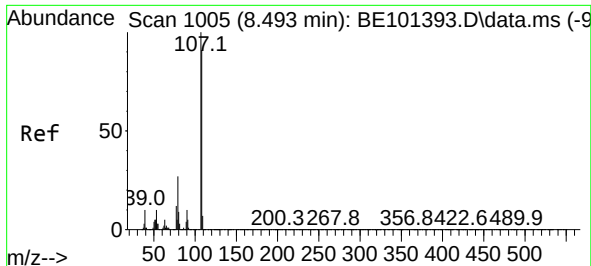
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#19
n-Nitroso-di-n-propylamine
Concen: 7.251 ng
RT: 8.371 min Scan# 984
Delta R.T. -0.004 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

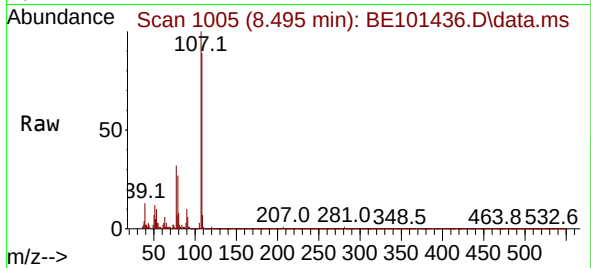
Tgt Ion: 70 Resp: 63594
Ion Ratio Lower Upper
70 100
42 55.3 43.4 65.0
101 9.8 8.1 12.1
130 20.6 17.3 25.9





#20
3+4-Methylphenols
Concen: 7.642 ng
RT: 8.495 min Scan# 1005
Delta R.T. 0.002 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

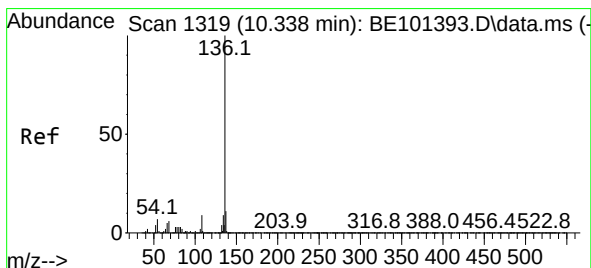
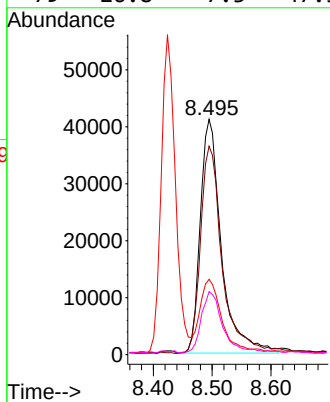
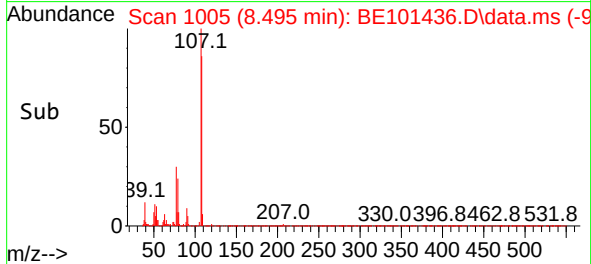
Instrument :
BNA_E
ClientSampleId :
MH-3MS



Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.6	70.6	110.6
77	32.0	11.3	51.3
79	26.8	7.3	47.3

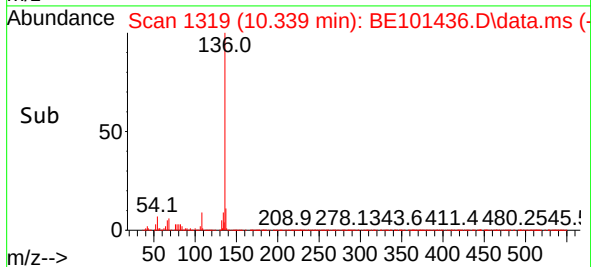
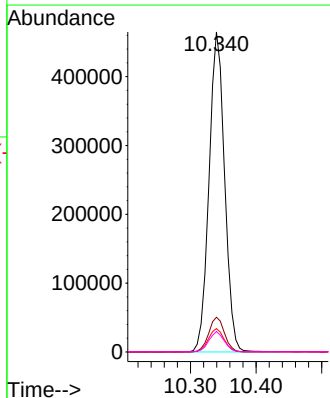
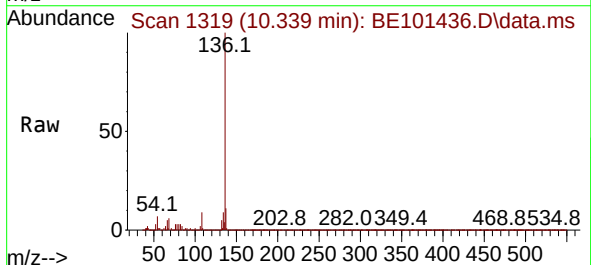
Manual Integrations
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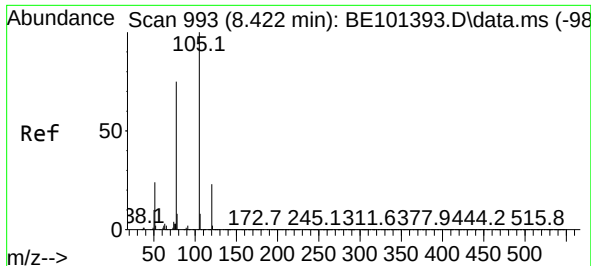
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.339 min Scan# 1319
Delta R.T. 0.002 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

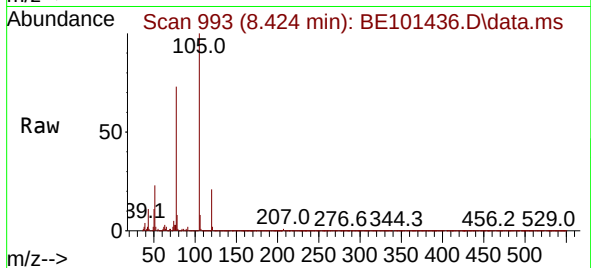
Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	7.3	5.9	8.9
68	6.4	4.8	7.2





#22
Acetophenone
Concen: 7.741 ng
RT: 8.424 min Scan# 993
Delta R.T. 0.002 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

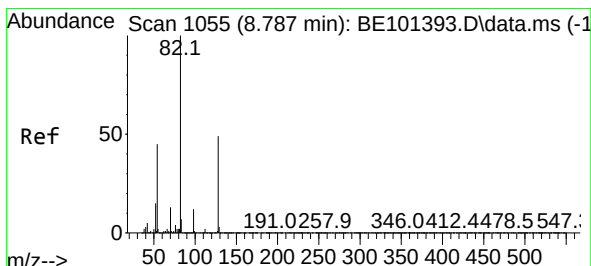
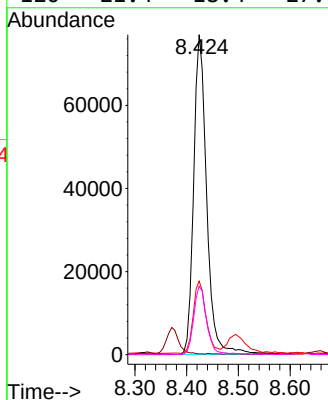
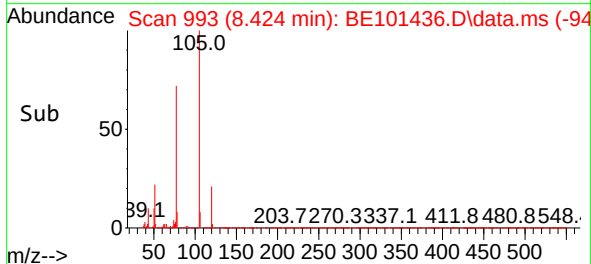
Instrument :
BNA_E
ClientSampleId :
MH-3MS



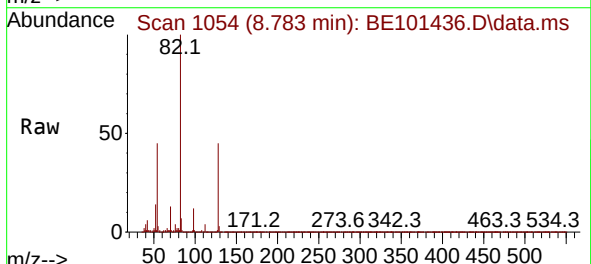
Tgt Ion: 105 Resp: 134832
Ion Ratio Lower Upper
105 100
71 0.3 0.1 0.1
51 23.0 19.4 29.0
120 21.4 18.4 27.6

Manual Integrations
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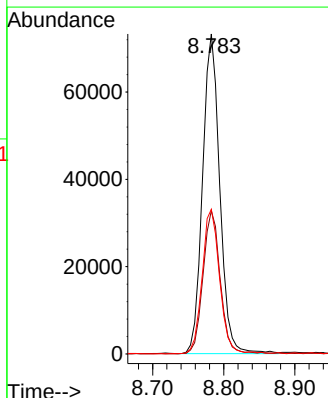
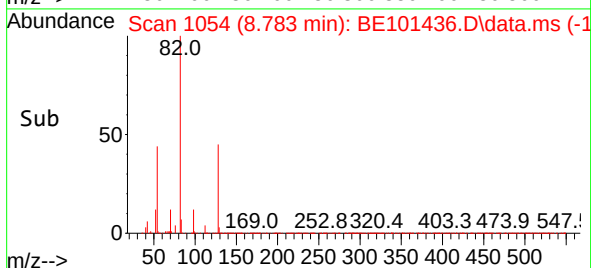
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

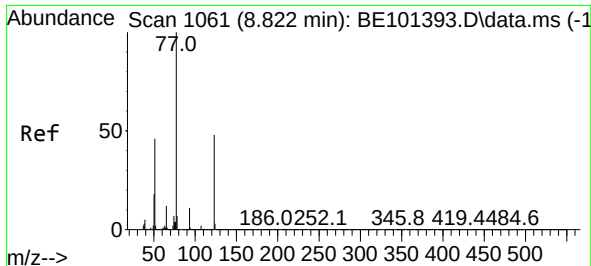


#23
Nitrobenzene-d5
Concen: 10.113 ng
RT: 8.783 min Scan# 1054
Delta R.T. -0.004 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01



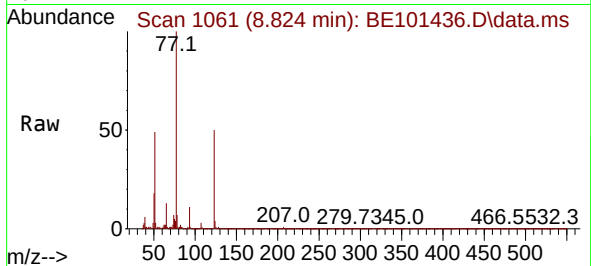
Tgt Ion: 82 Resp: 123518
Ion Ratio Lower Upper
82 100
128 44.8 38.9 58.3
54 45.2 36.2 54.4





#24
Nitrobenzene
Concen: 7.414 ng
RT: 8.824 min Scan# 1061
Delta R.T. 0.002 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

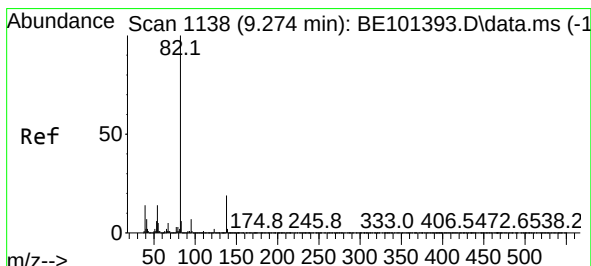
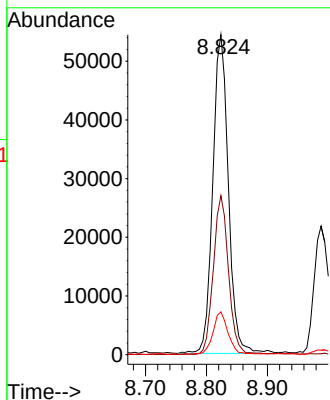
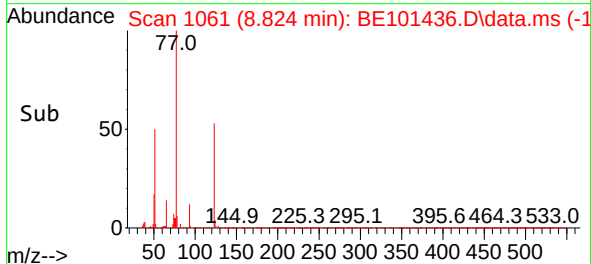
Instrument :
BNA_E
ClientSampleId :
MH-3MS



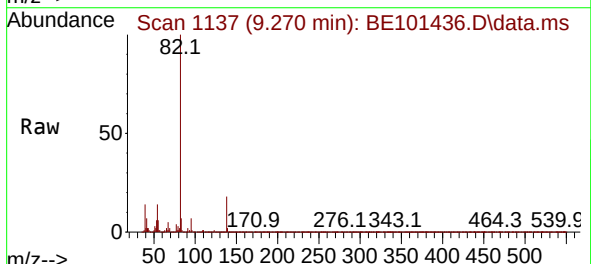
Tgt Ion: 77 Resp: 96374
Ion Ratio Lower Upper
77 100
123 49.7 38.7 58.1
65 13.4 10.0 15.0

Manual Integrations
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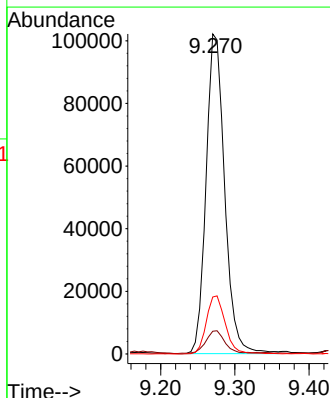
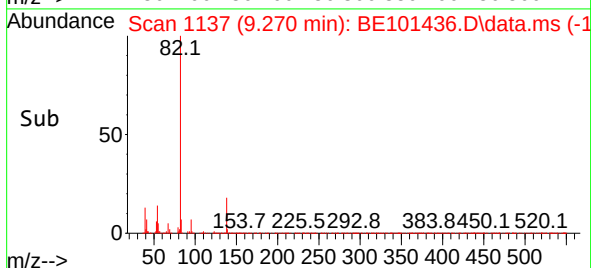
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

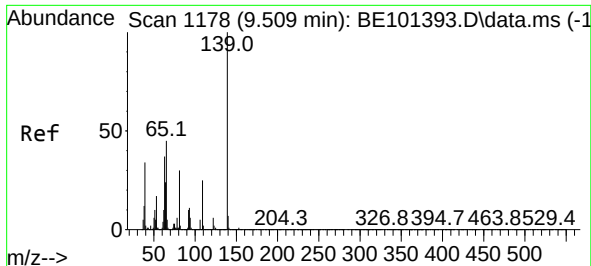


#25
Isophorone
Concen: 7.470 ng
RT: 9.270 min Scan# 1137
Delta R.T. -0.004 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01



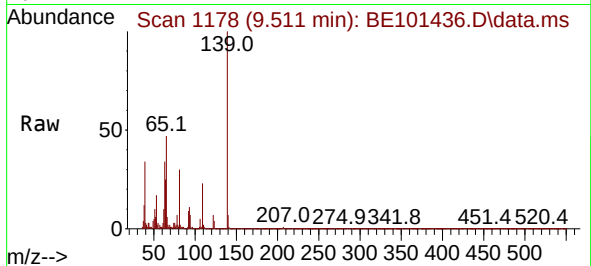
Tgt Ion: 82 Resp: 178028
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 17.8 15.0 22.4





#26
2-Nitrophenol
Concen: 7.670 ng
RT: 9.511 min Scan# 1178
Delta R.T. 0.002 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

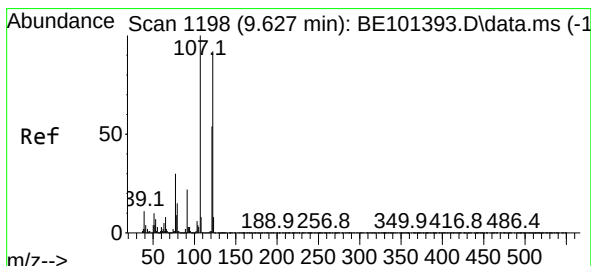
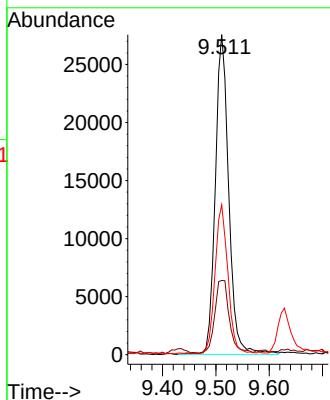
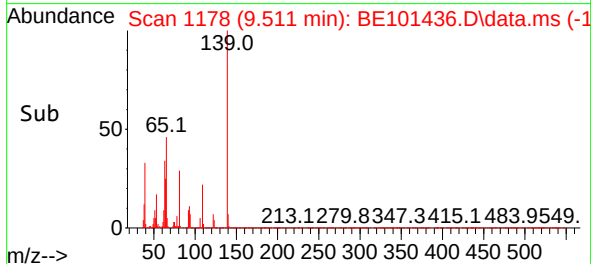
Instrument :
BNA_E
ClientSampleId :
MH-3MS



Tgt Ion:139 Resp: 4819
Ion Ratio Lower Upper
139 100
109 23.2 20.1 30.1
65 46.9 36.0 54.0

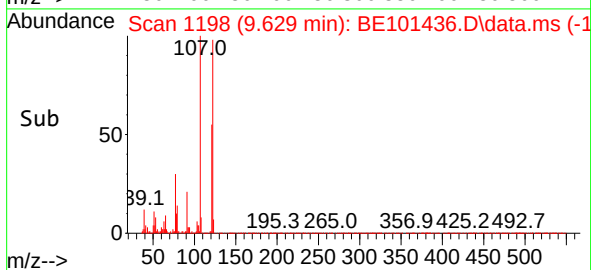
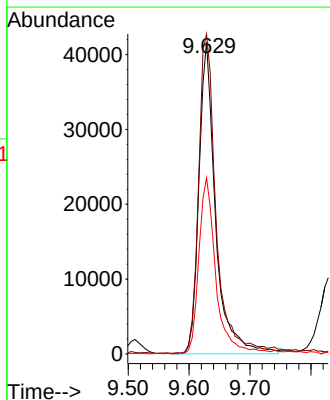
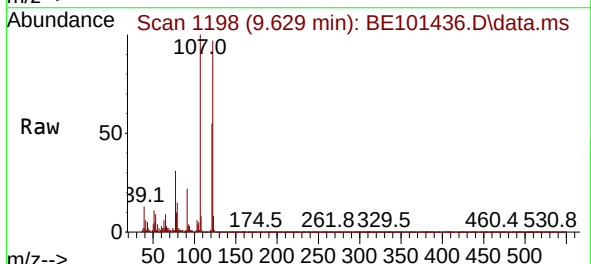
Manual Integrations
APPROVED

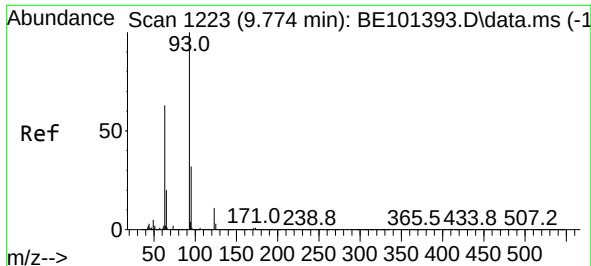
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#27
2,4-Dimethylphenol
Concen: 9.970 ng
RT: 9.629 min Scan# 1198
Delta R.T. 0.002 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

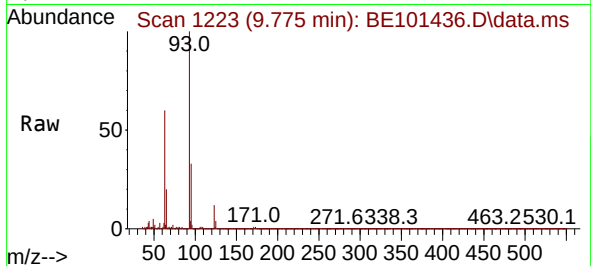
Tgt Ion:122 Resp: 78829
Ion Ratio Lower Upper
122 100
107 102.6 87.4 131.0
121 56.4 47.4 71.0





#28
bis(2-Chloroethoxy)methane
Concen: 7.580 ng
RT: 9.775 min Scan# 1223
Delta R.T. 0.002 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

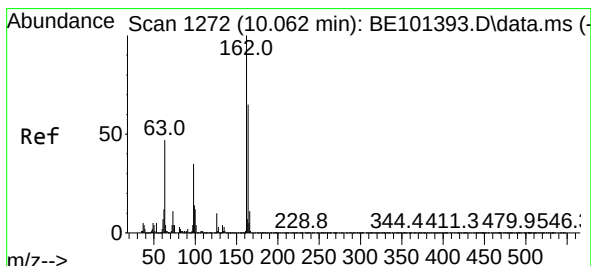
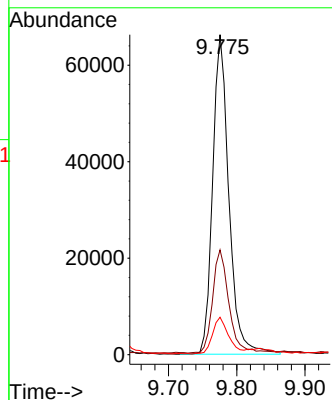
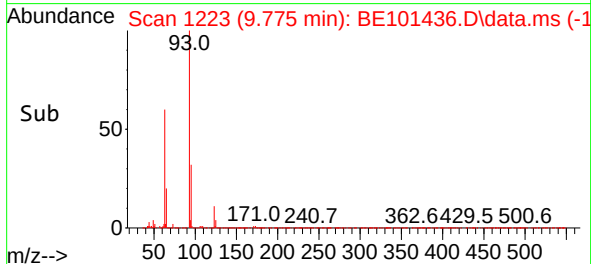
Instrument :
BNA_E
ClientSampleId :
MH-3MS



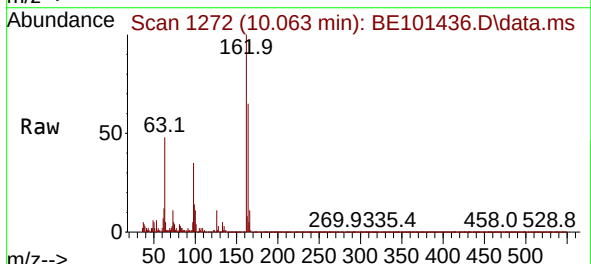
Tgt Ion: 93 Resp: 10956
Ion Ratio Lower Upper
93 100
95 32.8 25.8 38.6
123 11.7 8.6 13.0

Manual Integrations
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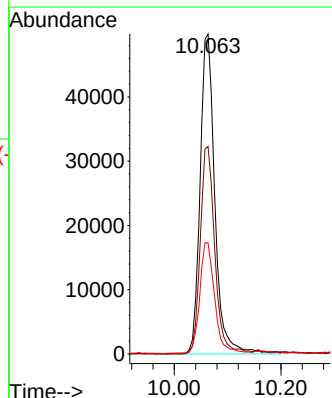
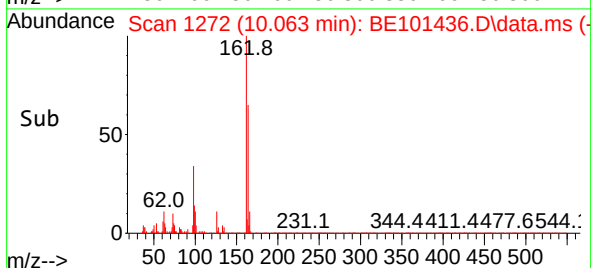
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

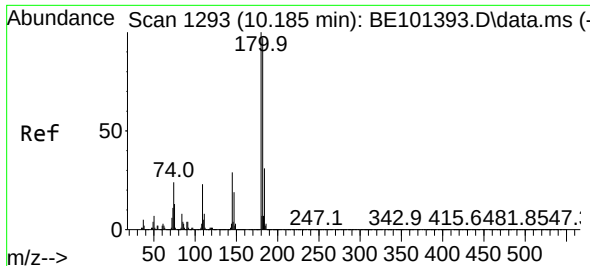


#29
2,4-Dichlorophenol
Concen: 8.755 ng
RT: 10.063 min Scan# 1272
Delta R.T. 0.002 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01



Tgt Ion:162 Resp: 95758
Ion Ratio Lower Upper
162 100
164 64.9 45.4 85.4
98 34.7 14.5 54.5





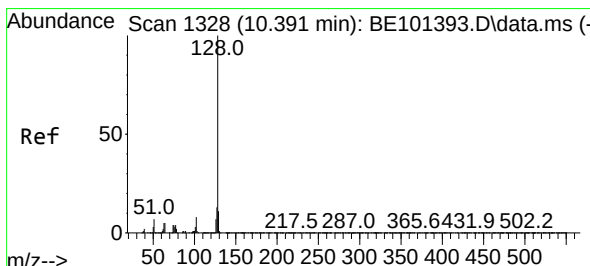
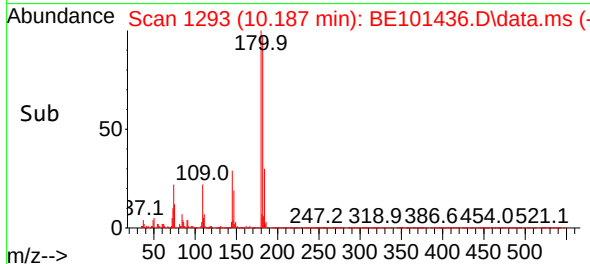
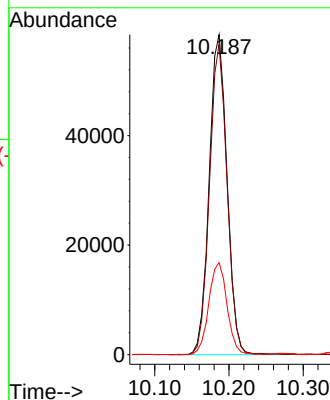
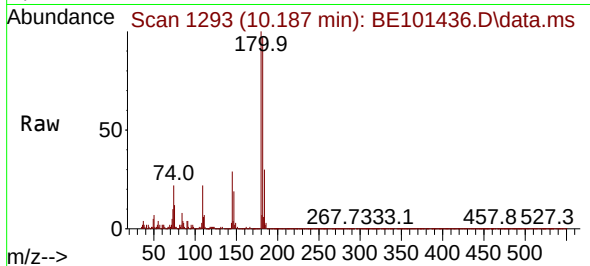
#30
1,2,4-Trichlorobenzene
Concen: 8.197 ng
RT: 10.187 min Scan# 1293
Delta R.T. 0.002 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

Instrument :
BNA_E
ClientSampleId :
MH-3MS

Tgt Ion:180 Resp: 97672
Ion Ratio Lower Upper
180 100
182 97.0 77.4 116.0
145 28.8 23.3 34.9

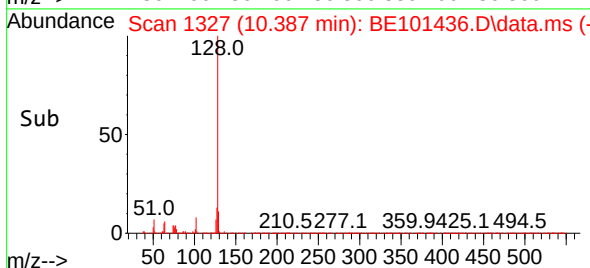
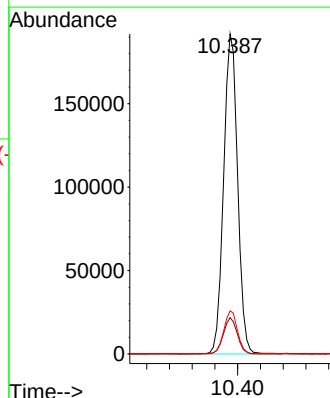
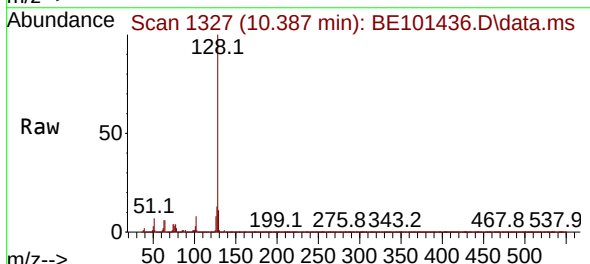
Manual Integrations
APPROVED

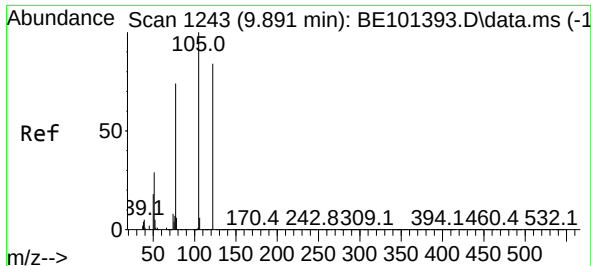
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#31
Naphthalene
Concen: 8.382 ng
RT: 10.387 min Scan# 1327
Delta R.T. -0.004 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

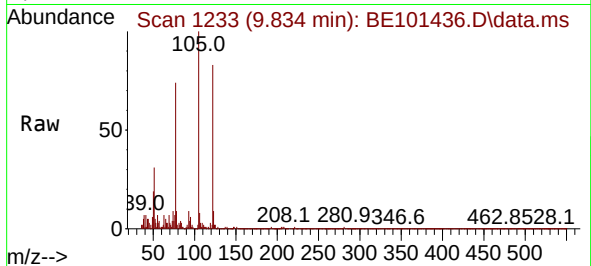
Tgt Ion:128 Resp: 327677
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.4 10.3 15.5





#32
Benzoic acid
Concen: 11.784 ng
RT: 9.834 min Scan# 1233
Delta R.T. -0.057 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

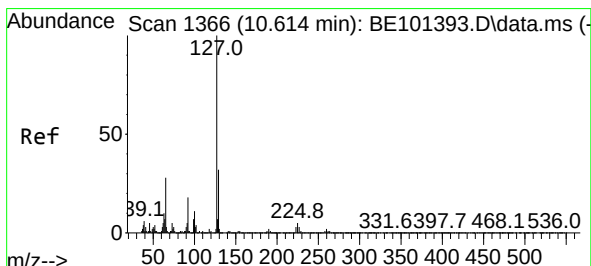
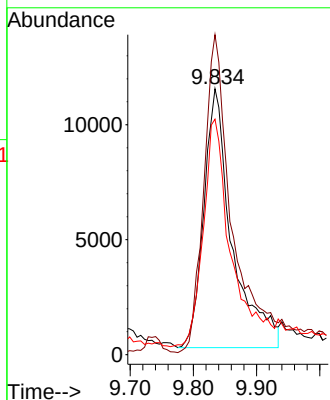
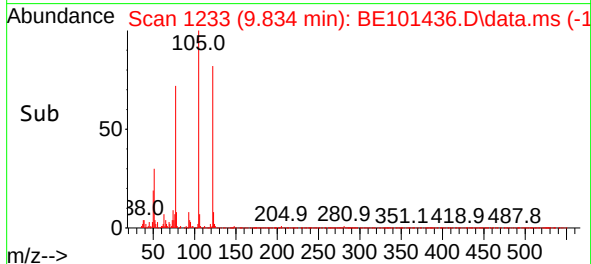
Instrument :
BNA_E
ClientSampleId :
MH-3MS



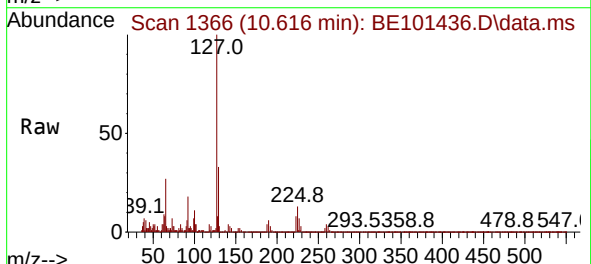
Tgt Ion:122 Resp: 35018
Ion Ratio Lower Upper
122 100
105 120.3 97.9 137.9
77 88.6 68.1 108.1

Manual Integrations
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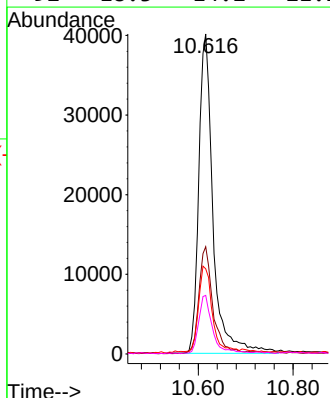
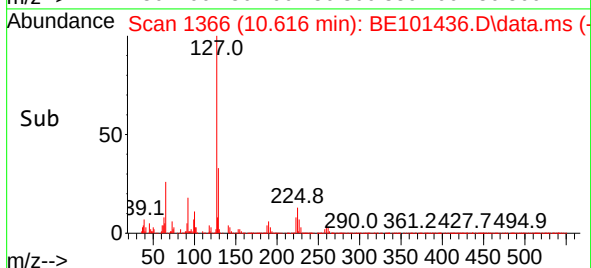
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

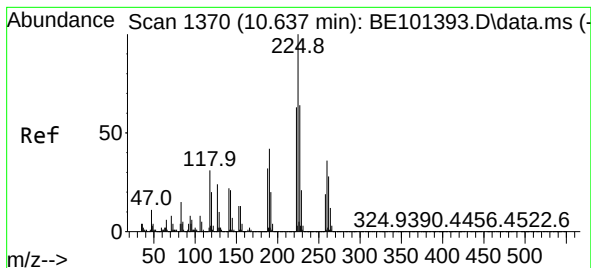


#33
4-Chloroaniline
Concen: 6.148 ng
RT: 10.616 min Scan# 1366
Delta R.T. 0.002 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01



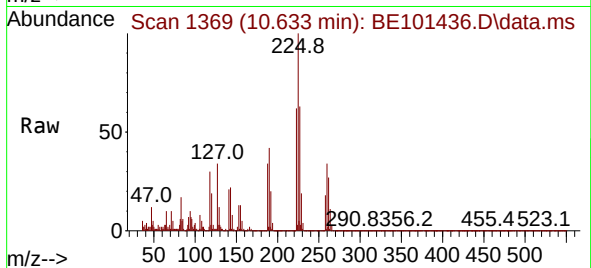
Tgt Ion:127 Resp: 83571
Ion Ratio Lower Upper
127 100
129 33.5 25.7 38.5
65 26.6 22.2 33.4
92 18.3 14.2 21.2





#34
Hexachlorobutadiene
Concen: 8.527 ng
RT: 10.633 min Scan# 11
Delta R.T. -0.004 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

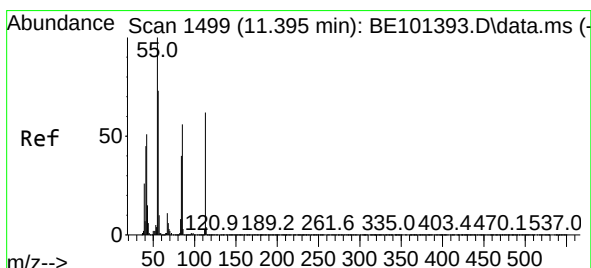
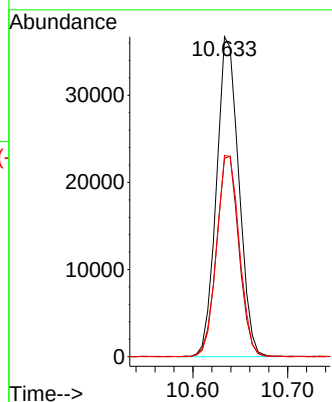
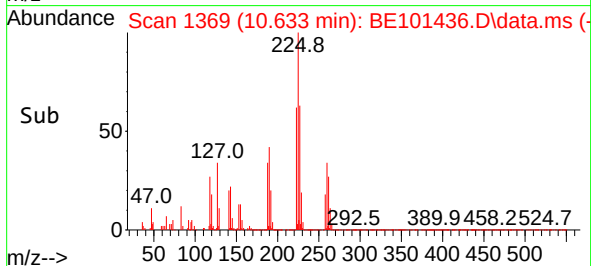
Instrument :
BNA_E
ClientSampleId :
MH-3MS



Tgt Ion:225 Resp: 60144
Ion Ratio Lower Upper
225 100
223 62.0 50.5 75.7
227 62.9 51.0 76.6

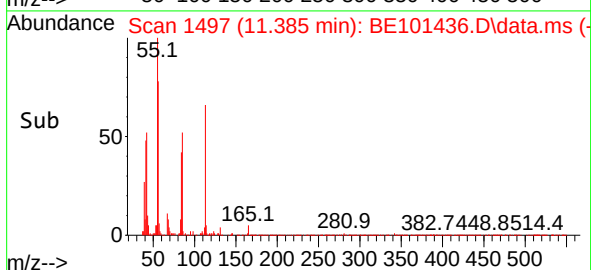
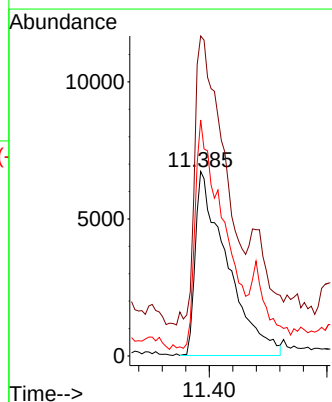
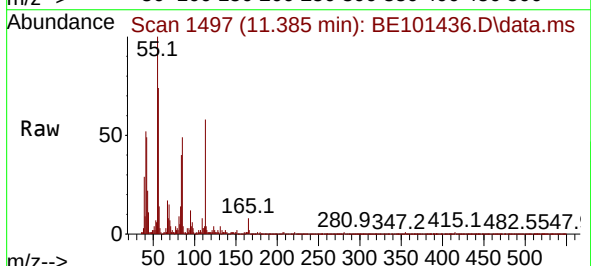
Manual Integrations
APPROVED

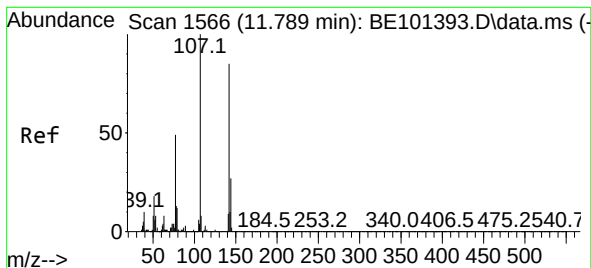
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#35
Caprolactam
Concen: 5.975 ng
RT: 11.385 min Scan# 1497
Delta R.T. -0.010 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

Tgt Ion:113 Resp: 25053
Ion Ratio Lower Upper
113 100
55 173.5 141.2 181.2
56 128.0 96.9 136.9





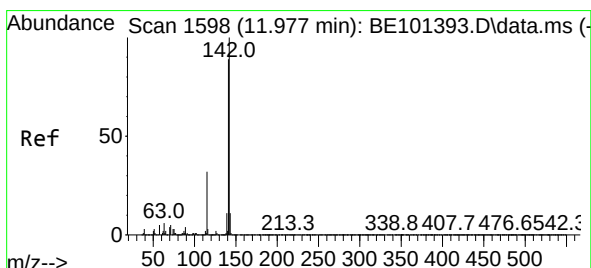
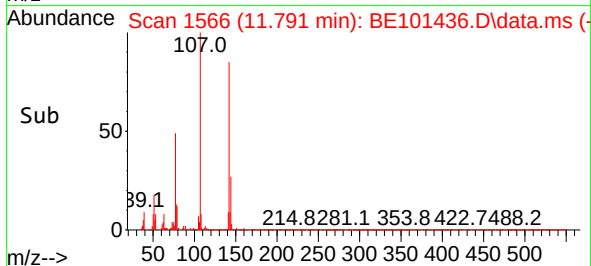
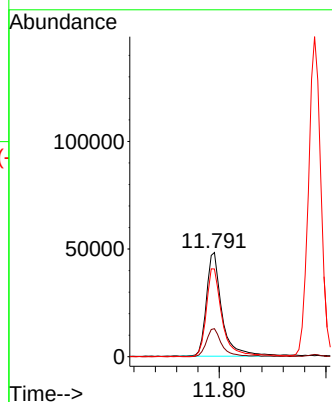
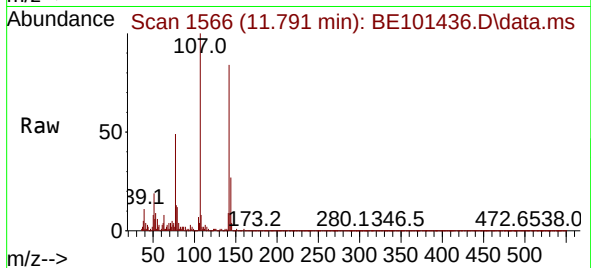
#36
4-Chloro-3-methylphenol
Concen: 7.837 ng
RT: 11.791 min Scan# 1566
Delta R.T. 0.002 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

Instrument :
BNA_E
ClientSampleId :
MH-3MS

Tgt Ion:107 Resp: 97590
Ion Ratio Lower Upper
107 100
144 27.0 21.9 32.9
142 84.3 68.0 102.0

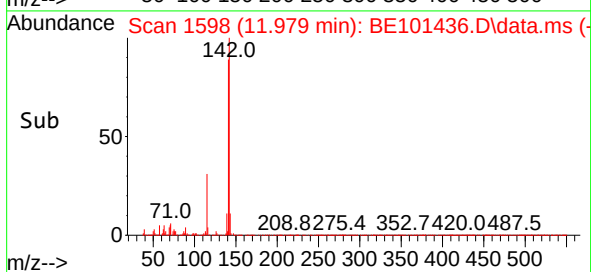
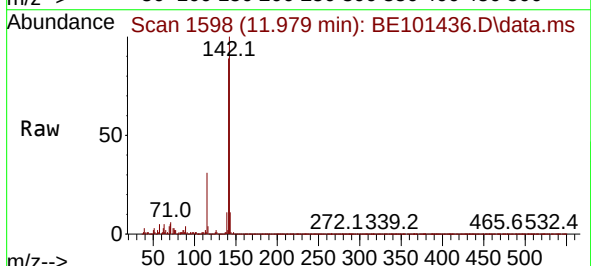
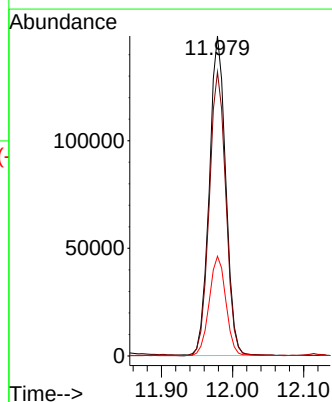
Manual Integrations
APPROVED

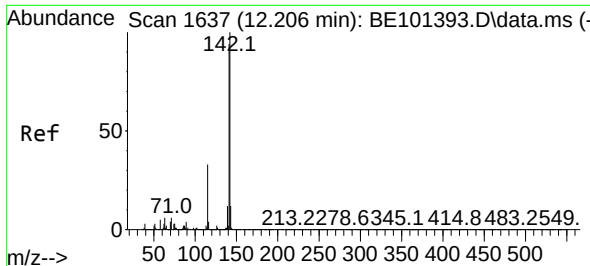
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#37
2-Methylnaphthalene
Concen: 8.474 ng
RT: 11.979 min Scan# 1598
Delta R.T. 0.002 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

Tgt Ion:142 Resp: 238651
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.2
115 31.2 25.6 38.4





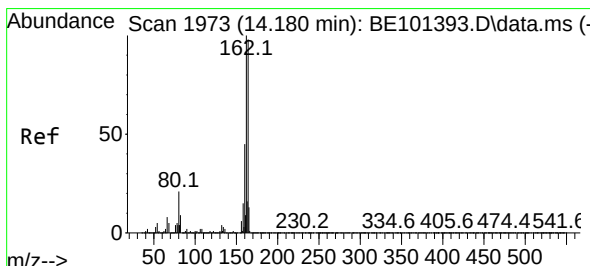
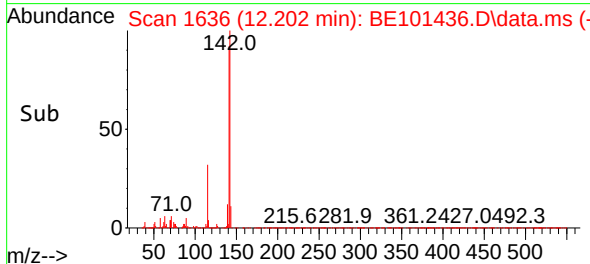
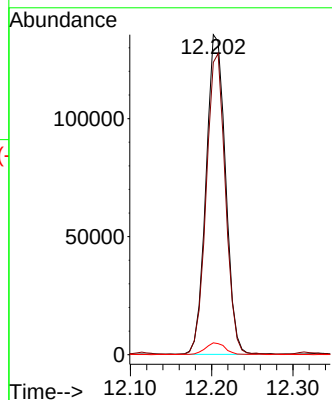
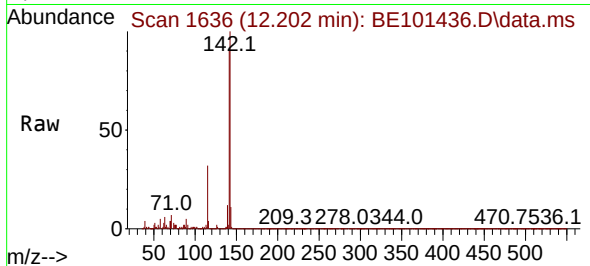
#38
1-Methylnaphthalene
Concen: 8.008 ng
RT: 12.202 min Scan# 1636
Delta R.T. -0.004 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

Instrument :
BNA_E
ClientSampleId :
MH-3MS

Tgt Ion:142 Resp: 22511
Ion Ratio Lower Upper
142 100
141 91.3 75.0 112.4
116 3.7 2.9 4.3

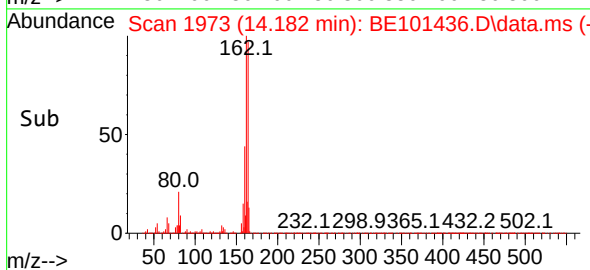
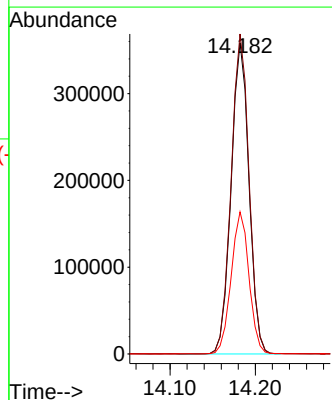
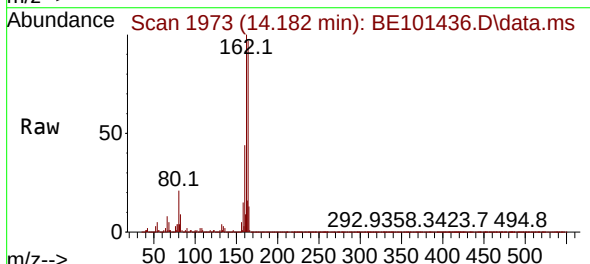
Manual Integrations
APPROVED

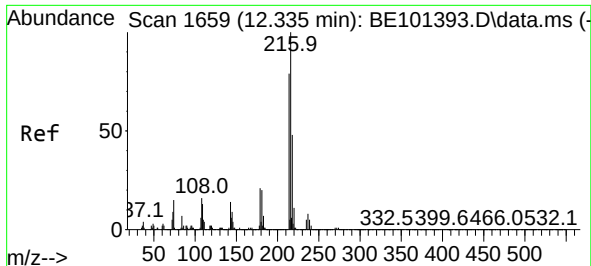
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.182 min Scan# 1973
Delta R.T. 0.002 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

Tgt Ion:164 Resp: 521423
Ion Ratio Lower Upper
164 100
162 102.8 81.3 121.9
160 45.6 36.4 54.6





#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.962 ng
RT: 12.337 min Scan# 1659
Delta R.T. 0.002 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

Instrument :

BNA_E

ClientSampleId :

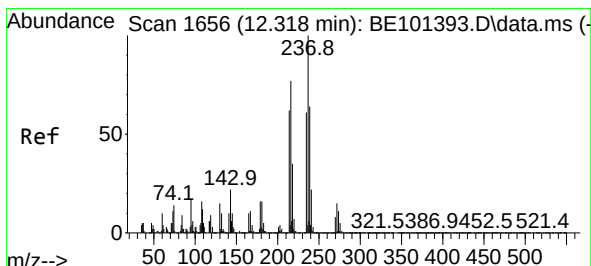
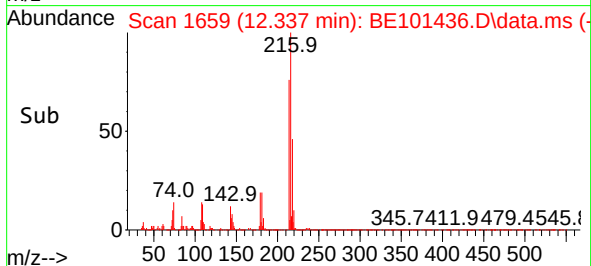
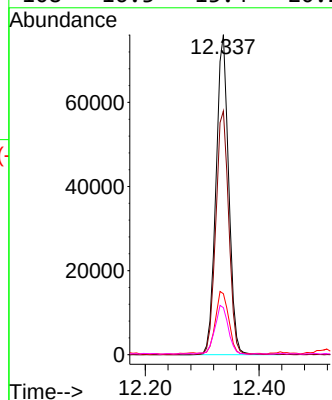
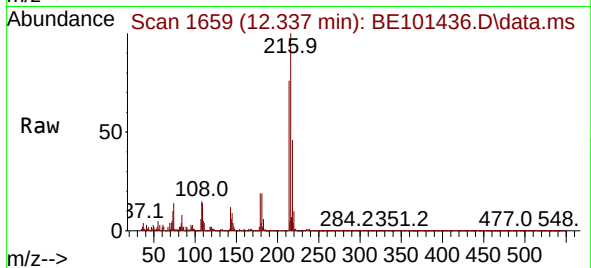
MH-3MS

Tgt Ion:216 Resp: 117314
Ion Ratio Lower Upper
216 100
214 77.8 63.0 94.4
179 20.2 16.7 25.1
108 16.3 13.4 20.2

Manual Integrations

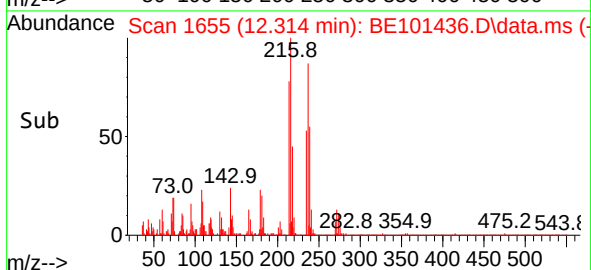
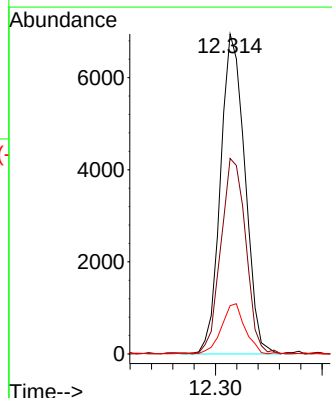
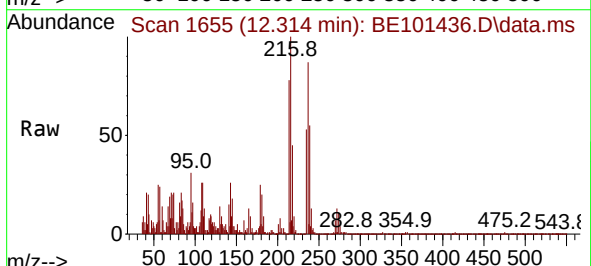
APPROVED

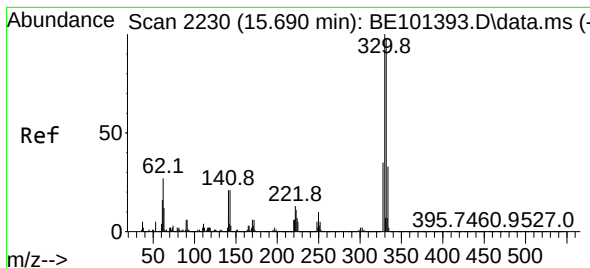
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#41
Hexachlorocyclopentadiene
Concen: 2.554 ng
RT: 12.314 min Scan# 1655
Delta R.T. -0.004 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

Tgt Ion:237 Resp: 11040
Ion Ratio Lower Upper
237 100
235 61.1 41.3 81.3
272 15.1 0.0 34.6





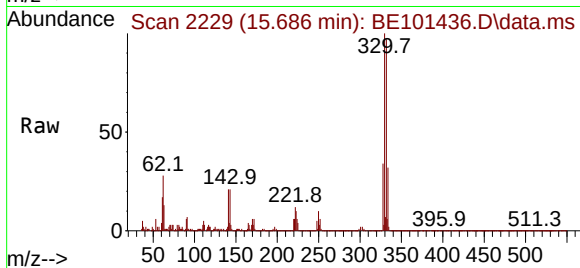
#42
2,4,6-Tribromophenol
Concen: 16.091 ng
RT: 15.686 min Scan# 2229
Delta R.T. -0.004 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

Instrument :

BNA_E

ClientSampleId :

MH-3MS



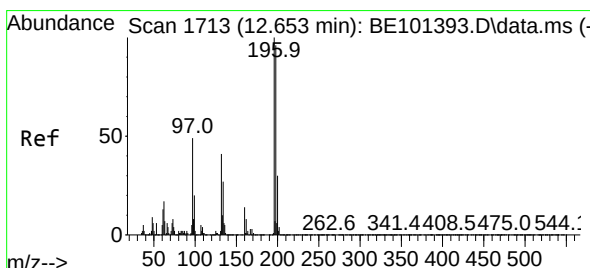
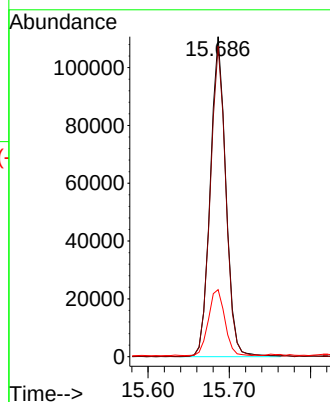
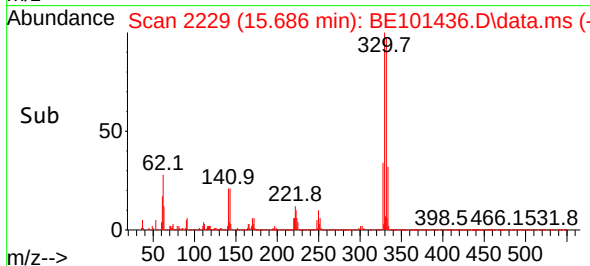
Tgt Ion:330 Resp: 147058
Ion Ratio Lower Upper
330 100
332 97.5 78.2 117.2
141 21.5 18.3 27.5

Manual Integrations

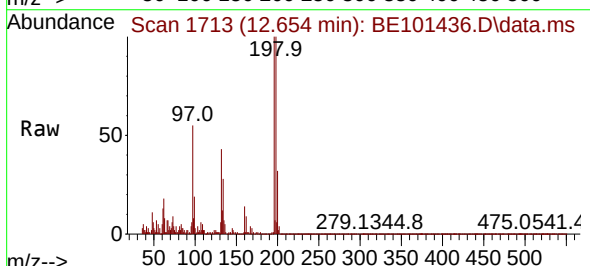
APPROVED

Reviewed By :Yogesh Patel 11/04/2024

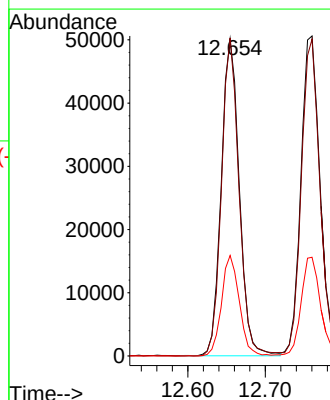
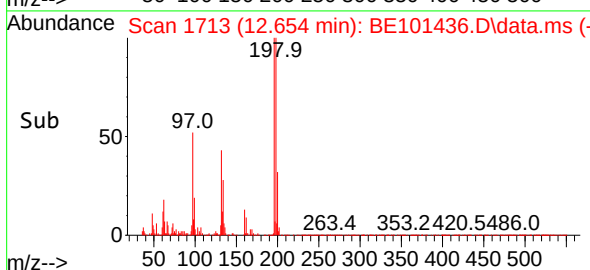
Supervised By :mohammad ahmed 11/04/2024

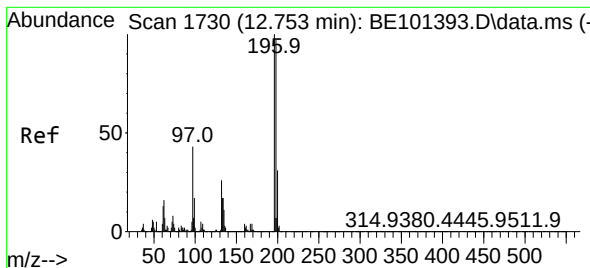


#43
2,4,6-Trichlorophenol
Concen: 9.030 ng
RT: 12.654 min Scan# 1713
Delta R.T. 0.002 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01



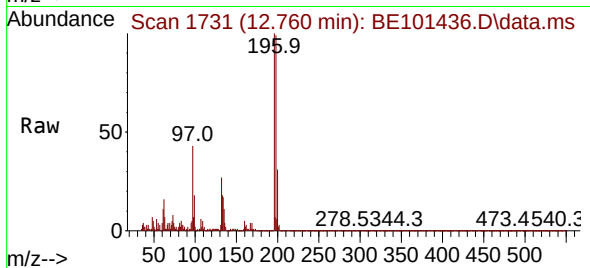
Tgt Ion:196 Resp: 81480
Ion Ratio Lower Upper
196 100
198 100.4 76.6 115.0
200 31.7 24.1 36.1





#44
2,4,5-Trichlorophenol
Concen: 8.509 ng
RT: 12.760 min Scan# 1731
Delta R.T. 0.008 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

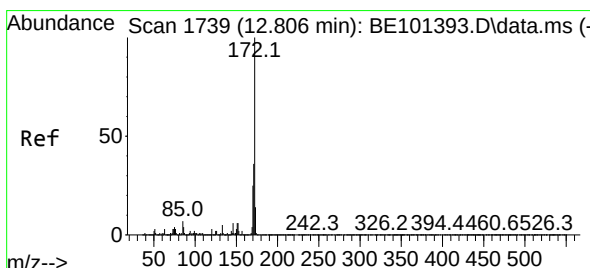
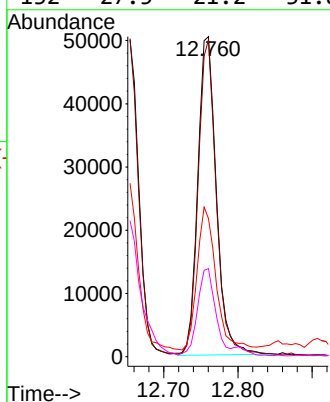
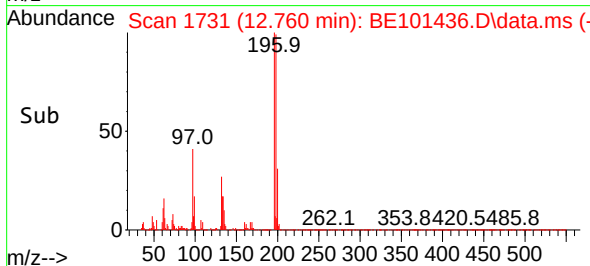
Instrument :
BNA_E
ClientSampleId :
MH-3MS



Tgt Ion:196 Resp: 87924
Ion Ratio Lower Upper
196 100
198 99.0 77.4 116.0
97 43.2 34.8 52.2
132 27.5 21.2 31.8

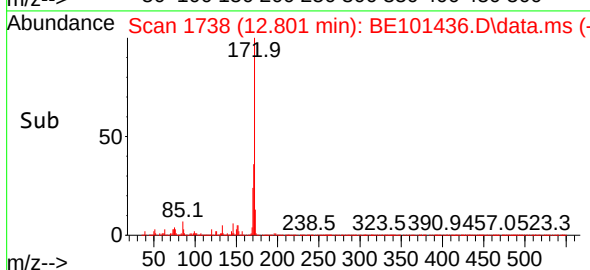
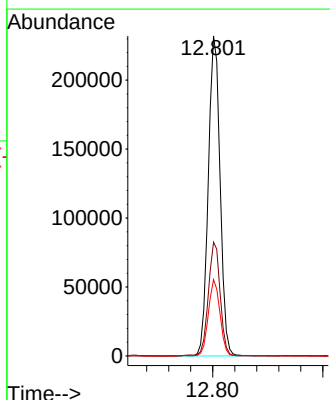
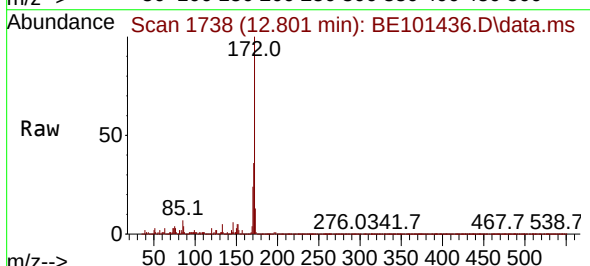
Manual Integrations
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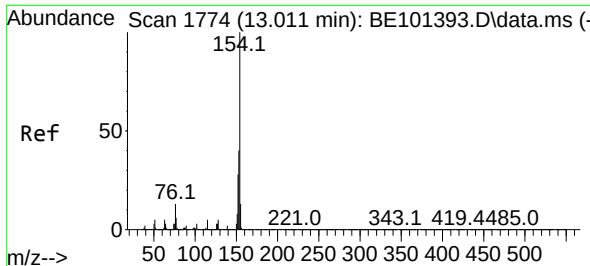
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#45
2-Fluorobiphenyl
Concen: 11.207 ng
RT: 12.801 min Scan# 1738
Delta R.T. -0.004 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

Tgt Ion:172 Resp: 345056
Ion Ratio Lower Upper
172 100
171 35.5 29.2 43.8
170 23.8 19.8 29.6





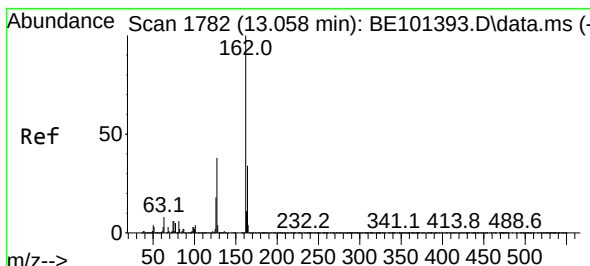
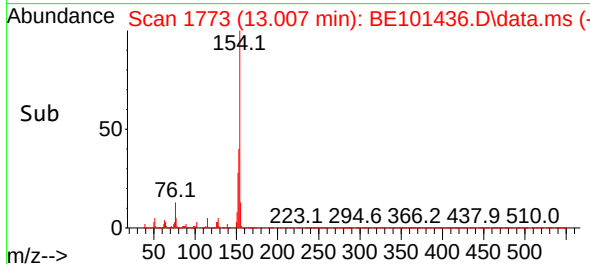
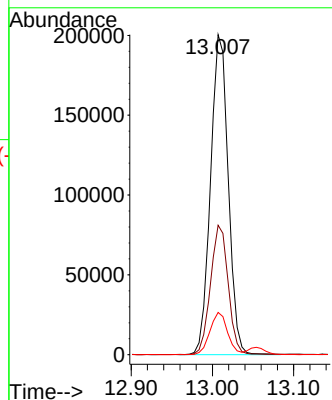
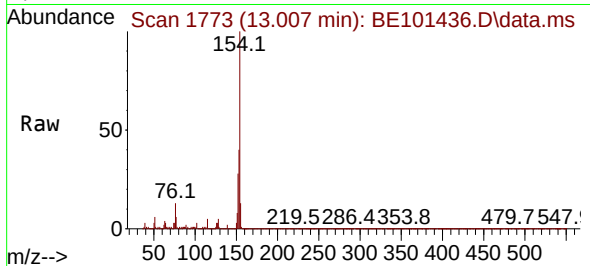
#46
1,1'-Biphenyl
Concen: 8.469 ng
RT: 13.007 min Scan# 1774
Delta R.T. -0.004 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

Instrument :
BNA_E
ClientSampleId :
MH-3MS

Tgt Ion:154 Resp: 30254
Ion Ratio Lower Upper
154 100
153 40.4 20.3 60.3
76 13.2 0.0 32.6

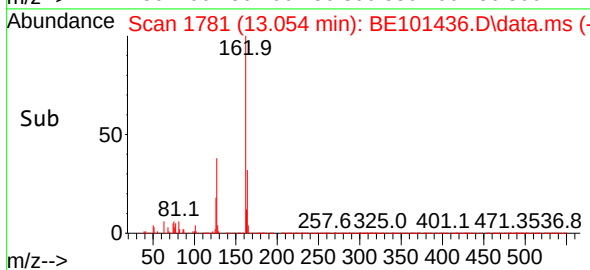
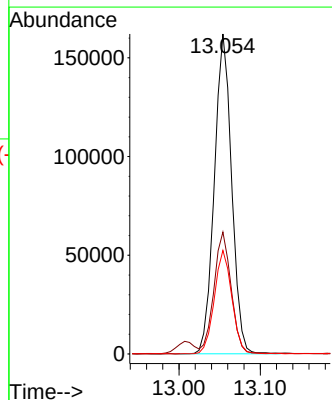
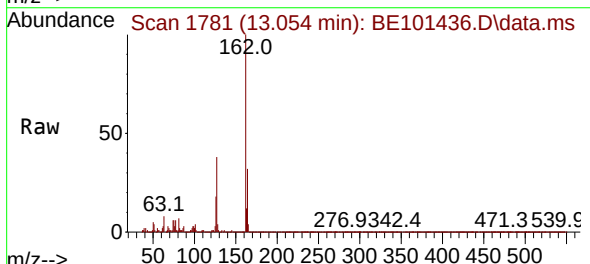
Manual Integrations
APPROVED

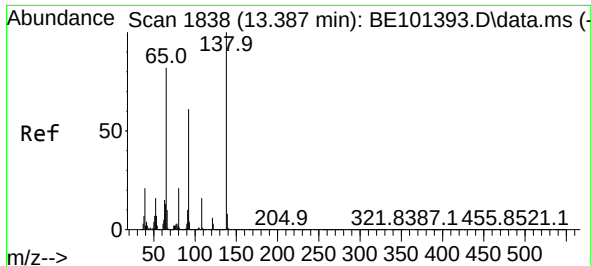
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#47
2-Chloronaphthalene
Concen: 8.502 ng
RT: 13.054 min Scan# 1781
Delta R.T. -0.004 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

Tgt Ion:162 Resp: 239956
Ion Ratio Lower Upper
162 100
127 38.1 30.4 45.6
164 32.4 27.0 40.6





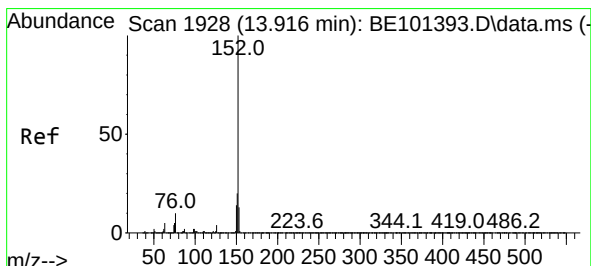
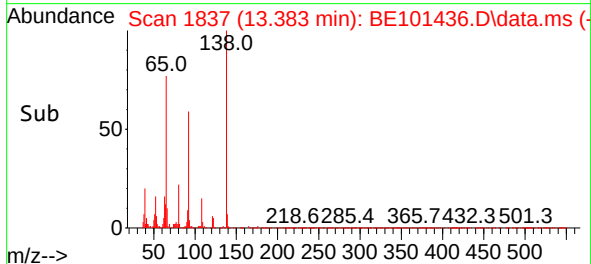
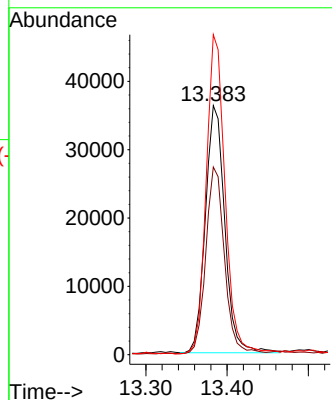
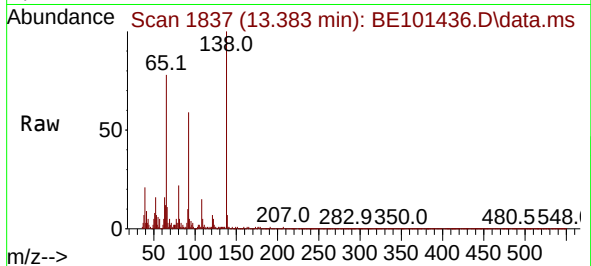
#48
2-Nitroaniline
Concen: 7.920 ng
RT: 13.383 min Scan# 1838
Delta R.T. -0.004 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

Instrument :
BNA_E
ClientSampleId :
MH-3MS

Tgt Ion: 65 Resp: 60150
Ion Ratio Lower Upper
65 100
92 75.3 59.0 88.4
138 128.5 97.4 146.0

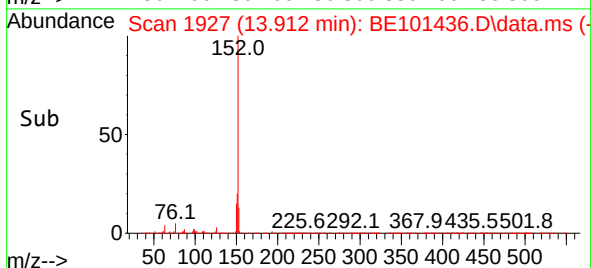
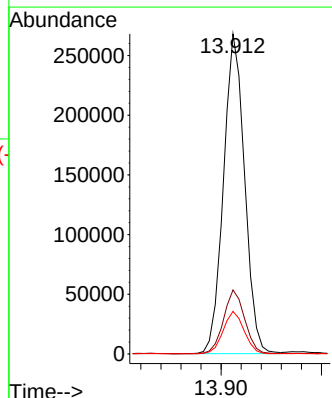
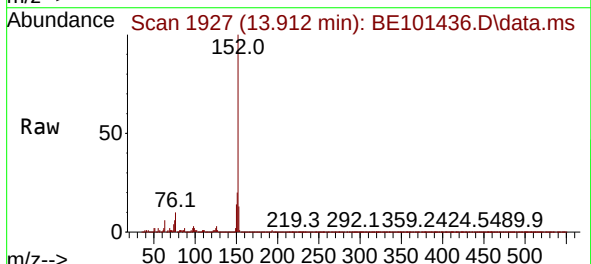
Manual Integrations
APPROVED

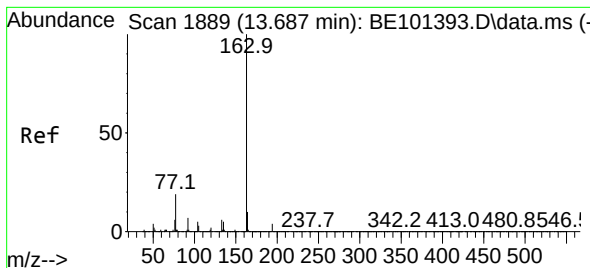
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#49
Acenaphthylene
Concen: 9.374 ng
RT: 13.912 min Scan# 1927
Delta R.T. -0.004 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

Tgt Ion:152 Resp: 391265
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 13.3 10.5 15.7





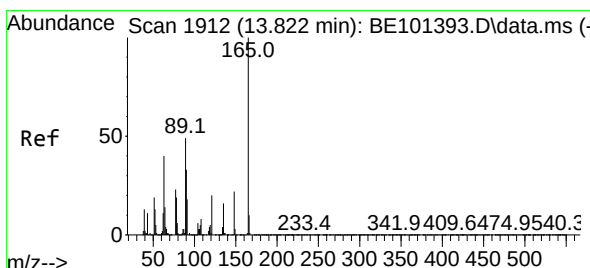
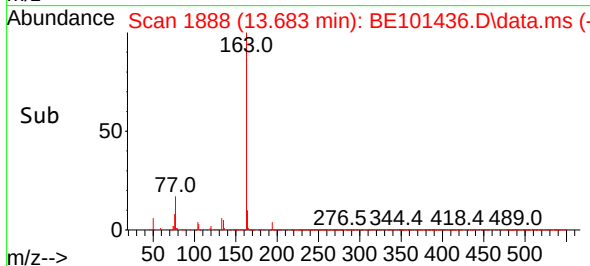
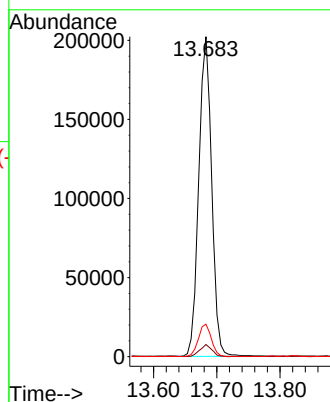
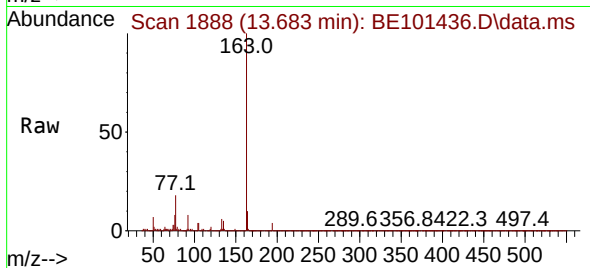
#50
Dimethylphthalate
Concen: 7.771 ng
RT: 13.683 min Scan# 1888
Delta R.T. -0.004 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

Instrument :
BNA_E
ClientSampleId :
MH-3MS

Tgt Ion:163 Resp: 28602
Ion Ratio Lower Upper
163 100
194 3.8 2.9 4.3
164 10.2 8.4 12.6

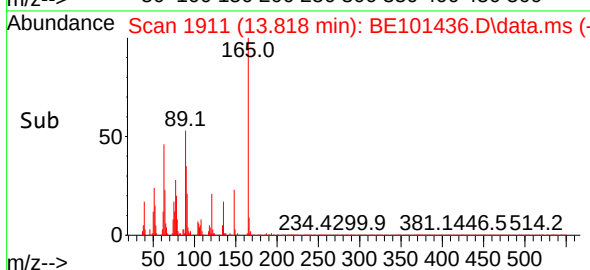
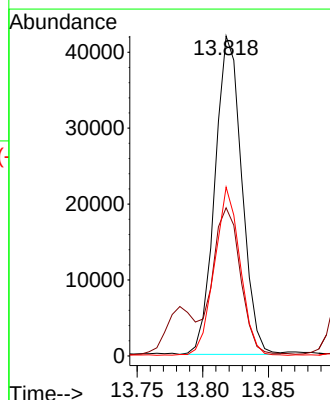
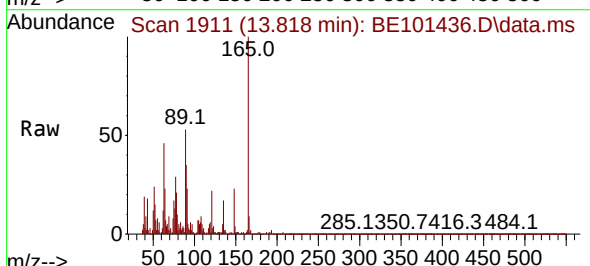
Manual Integrations
APPROVED

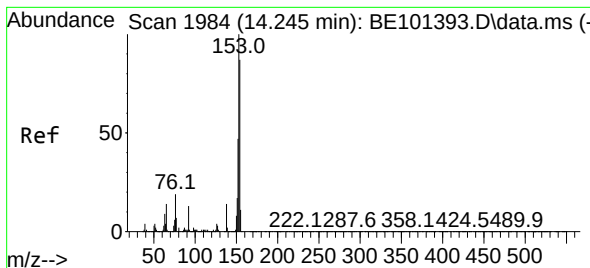
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#51
2,6-Dinitrotoluene
Concen: 7.030 ng
RT: 13.818 min Scan# 1911
Delta R.T. -0.004 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

Tgt Ion:165 Resp: 59738
Ion Ratio Lower Upper
165 100
63 46.3 38.0 57.0
89 52.8 39.5 59.3





#52

Acenaphthene

Concen: 8.990 ng

RT: 14.241 min Scan# 1984

Delta R.T. -0.004 min

Lab File: BE101436.D

Acq: 31 Oct 2024 17:01

Instrument :

BNA_E

ClientSampleId :

MH-3MS

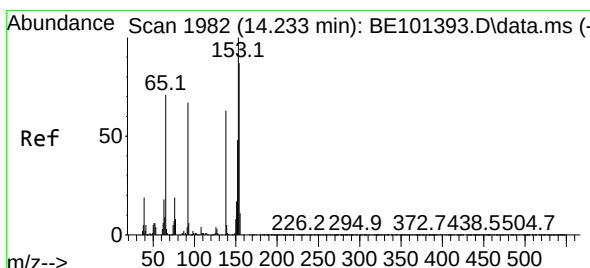
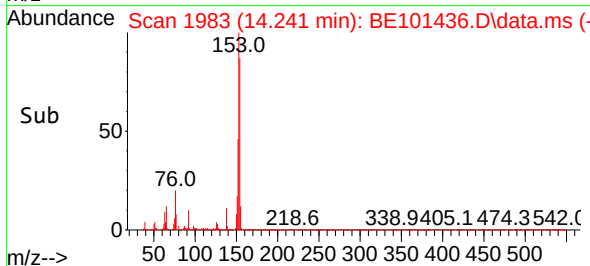
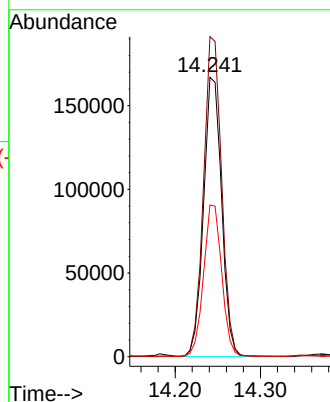
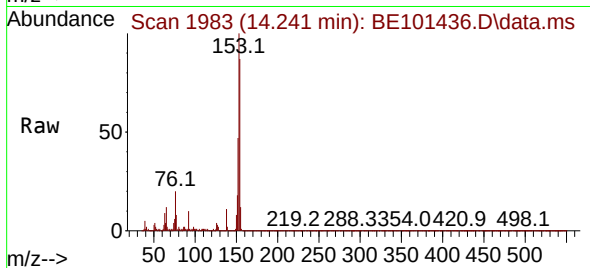
Tgt Ion:	154	Resp:	24501
Ion Ratio	Lower	Upper	
154	100		
153	114.5	91.8	137.6
152	54.3	43.1	64.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#53

3-Nitroaniline

Concen: 6.933 ng

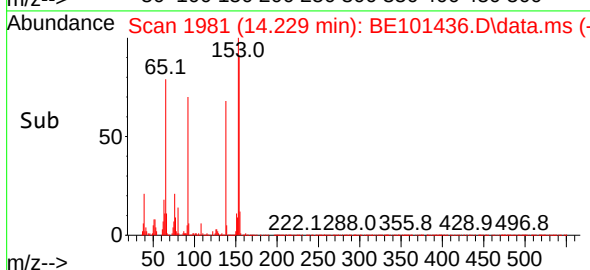
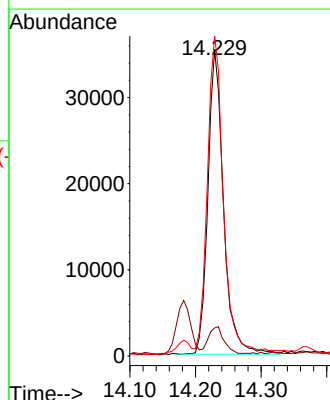
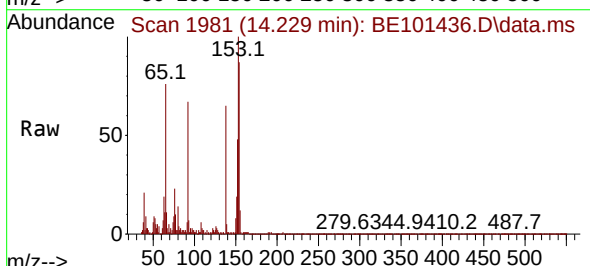
RT: 14.229 min Scan# 1981

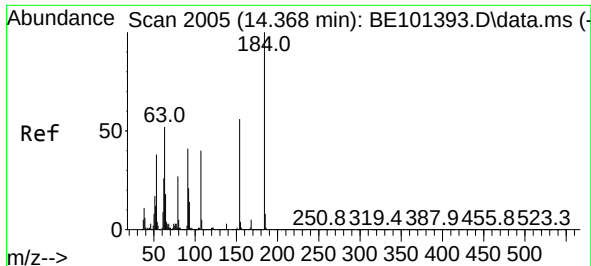
Delta R.T. -0.004 min

Lab File: BE101436.D

Acq: 31 Oct 2024 17:01

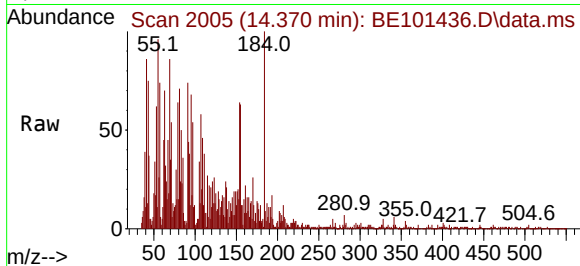
Tgt Ion:	138	Resp:	58582
Ion Ratio	Lower	Upper	
138	100		
108	9.1	7.1	10.7
92	104.4	84.4	126.6





#54
2,4-Dinitrophenol
Concen: 6.324 ng
RT: 14.370 min Scan# 2005
Delta R.T. 0.002 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

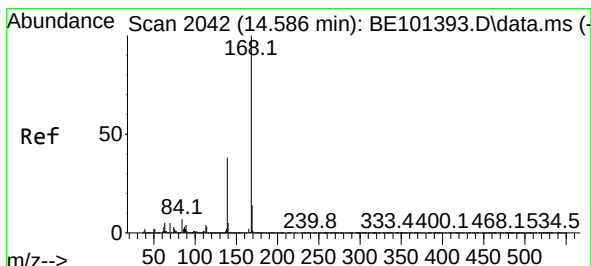
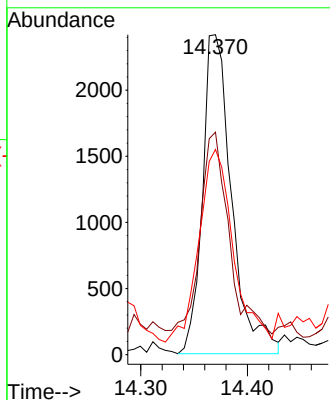
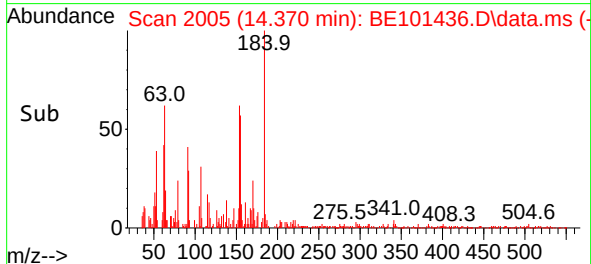
Instrument :
BNA_E
ClientSampleId :
MH-3MS



Tgt Ion:184 Resp: 4594
Ion Ratio Lower Upper
184 100
63 69.5 41.8 62.6
154 64.1 44.9 67.3

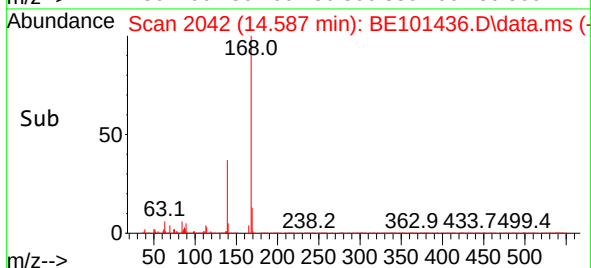
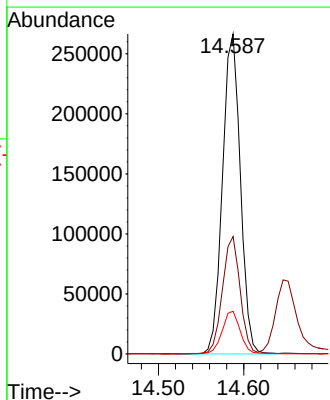
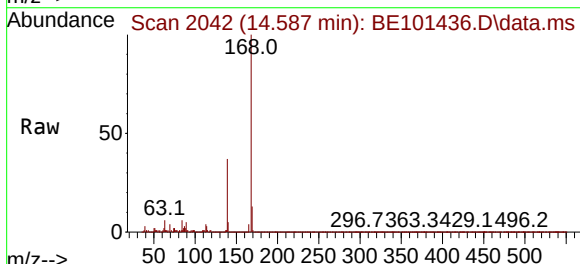
Manual Integrations
APPROVED

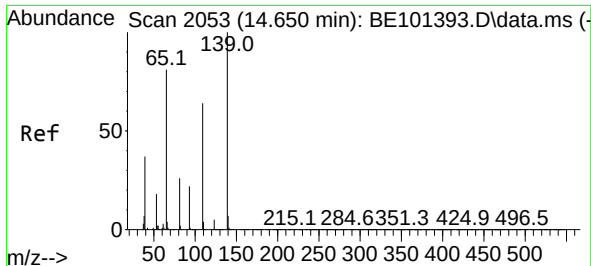
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#55
Dibenzofuran
Concen: 8.928 ng
RT: 14.587 min Scan# 2042
Delta R.T. 0.002 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

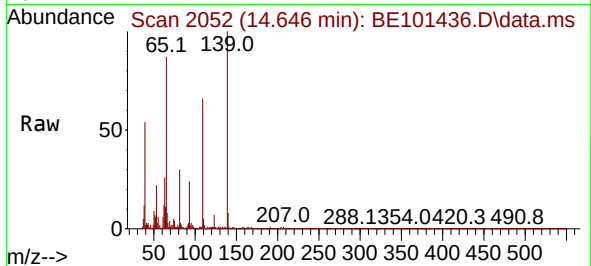
Tgt Ion:168 Resp: 387834
Ion Ratio Lower Upper
168 100
139 36.7 30.2 45.4
169 13.4 11.0 16.4





#56
4-Nitrophenol
Concen: 14.385 ng
RT: 14.646 min Scan# 2052
Delta R.T. -0.004 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

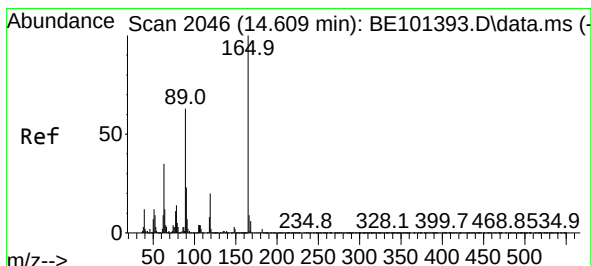
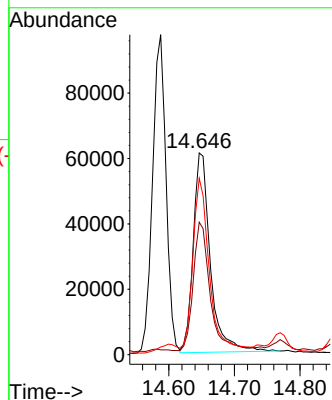
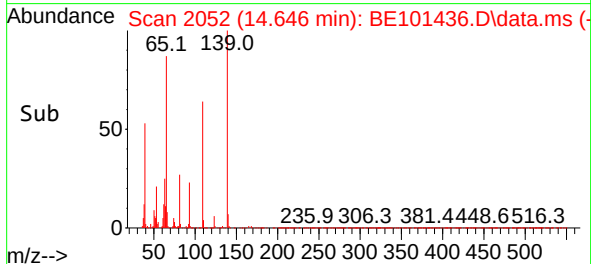
Instrument :
BNA_E
ClientSampleId :
MH-3MS



Tgt Ion:139 Resp: 111309
Ion Ratio Lower Upper
139 100
109 65.6 42.4 82.4
65 87.4 63.4 103.4

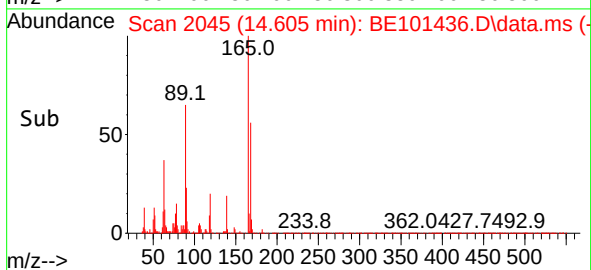
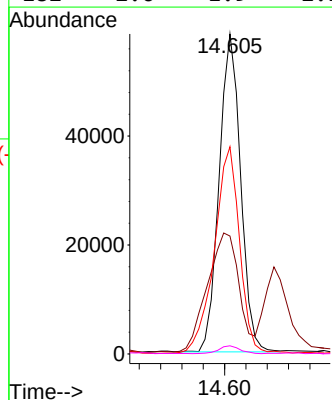
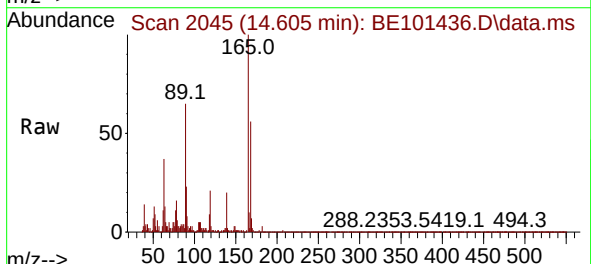
Manual Integrations
APPROVED

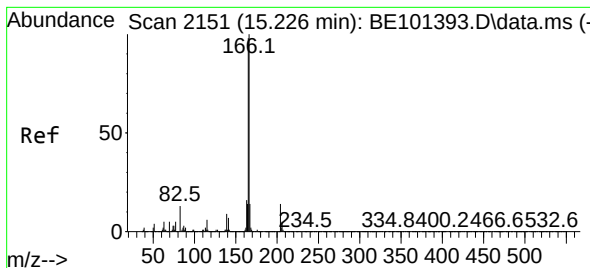
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#57
2,4-Dinitrotoluene
Concen: 6.964 ng
RT: 14.605 min Scan# 2045
Delta R.T. -0.004 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

Tgt Ion:165 Resp: 81471
Ion Ratio Lower Upper
165 100
63 36.9 28.6 42.8
89 64.7 50.8 76.2
182 2.6 1.9 2.9





#58

Fluorene

Concen: 8.742 ng

RT: 15.222 min Scan# 2151

Delta R.T. -0.004 min

Lab File: BE101436.D

Acq: 31 Oct 2024 17:01

Instrument :

BNL_E

ClientSampleId :

MH-3MS

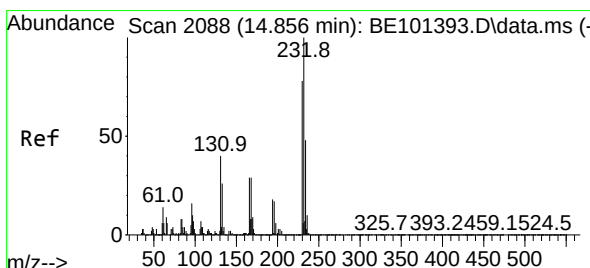
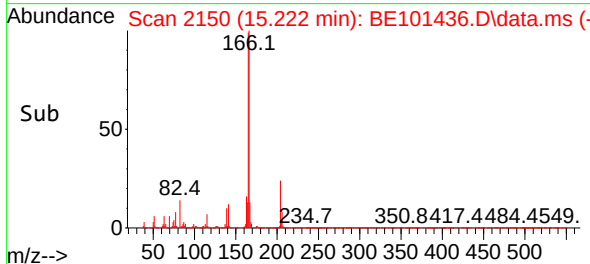
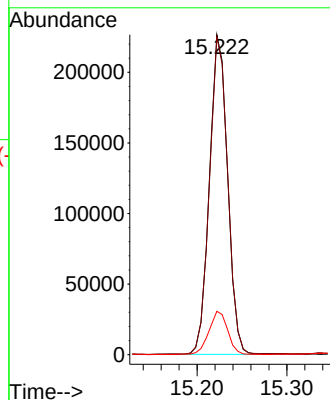
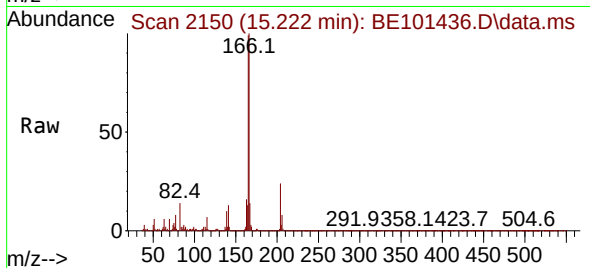
Tgt Ion:166	Resp: 31768
Ion Ratio	Lower Upper
166	100
165	99.3 78.7 118.1
167	13.5 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#59

2,3,4,6-Tetrachlorophenol

Concen: 8.733 ng

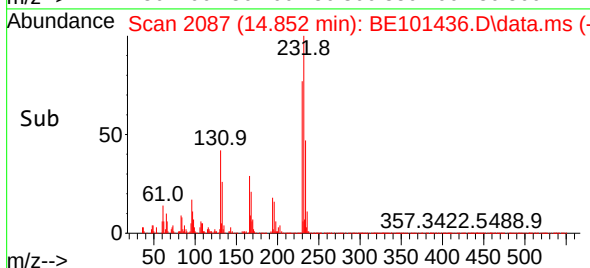
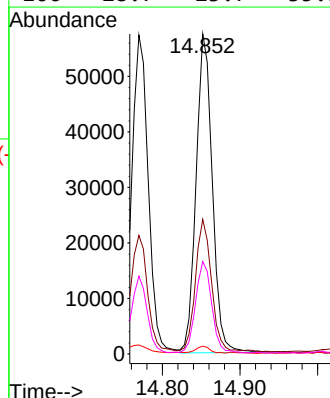
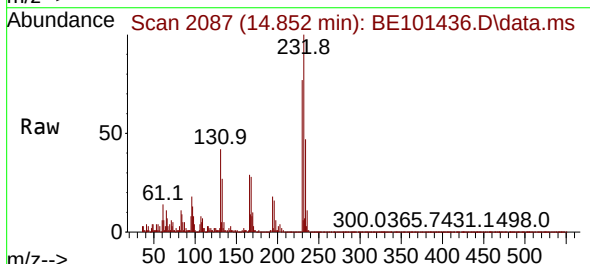
RT: 14.852 min Scan# 2087

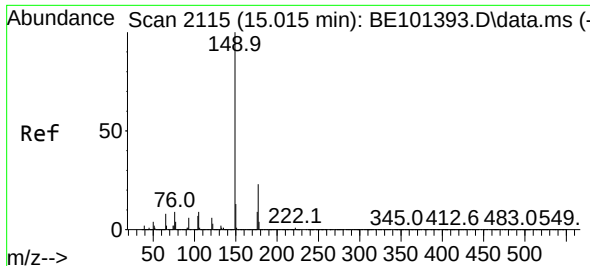
Delta R.T. -0.004 min

Lab File: BE101436.D

Acq: 31 Oct 2024 17:01

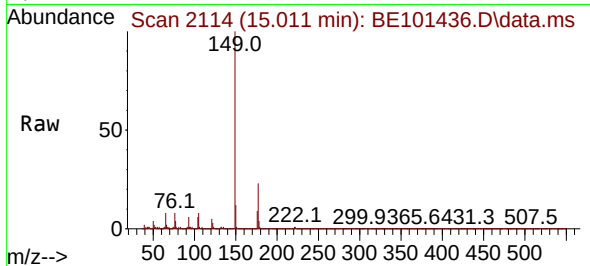
Tgt Ion:232	Resp: 83381
Ion Ratio	Lower Upper
232	100
131	40.9 33.5 50.3
130	1.9 1.6 2.4
166	28.7 23.7 35.5





#60
Diethylphthalate
Concen: 7.892 ng
RT: 15.011 min Scan# 2115
Delta R.T. -0.004 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

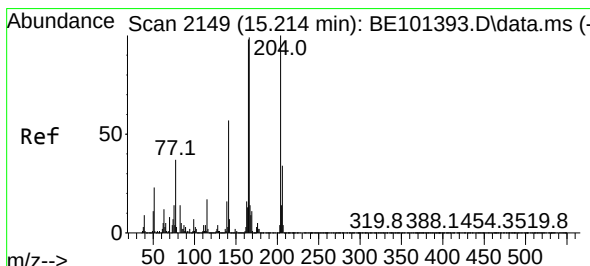
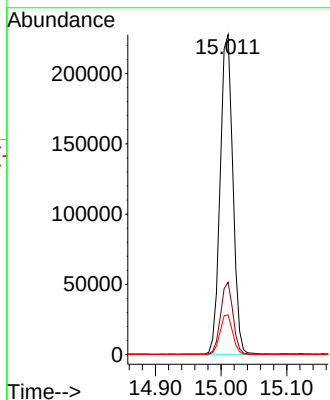
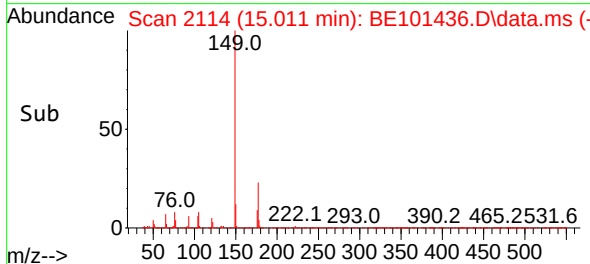
Instrument :
BNA_E
ClientSampleId :
MH-3MS



Tgt Ion:149 Resp: 30382
Ion Ratio Lower Upper
149 100
177 22.6 18.0 27.0
150 12.5 10.3 15.5

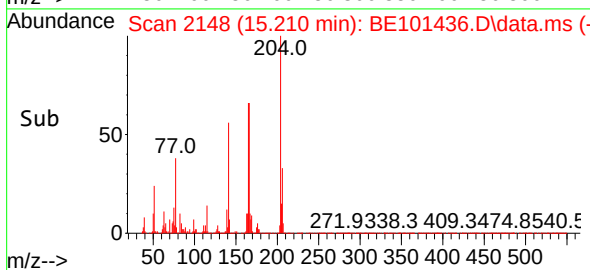
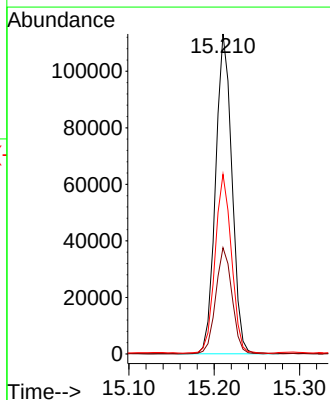
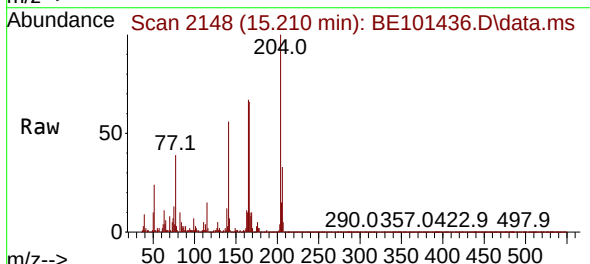
Manual Integrations
APPROVED

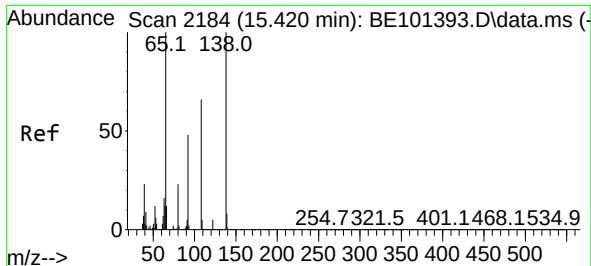
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#61
4-Chlorophenyl-phenylether
Concen: 8.378 ng
RT: 15.210 min Scan# 2148
Delta R.T. -0.004 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

Tgt Ion:204 Resp: 151083
Ion Ratio Lower Upper
204 100
206 33.2 26.9 40.3
141 56.2 45.9 68.9





#62
4-Nitroaniline
Concen: 6.434 ng
RT: 15.410 min Scan# 2182
Delta R.T. -0.010 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

Instrument :

BNA_E

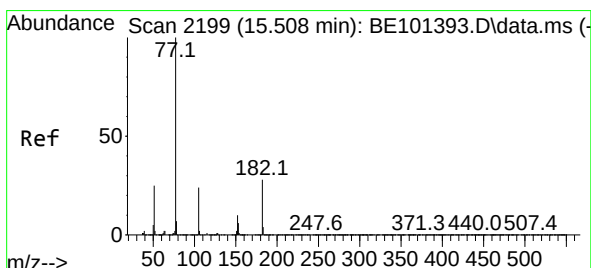
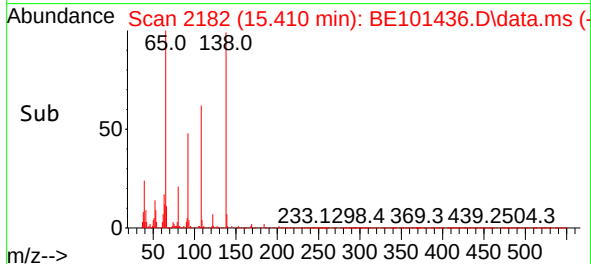
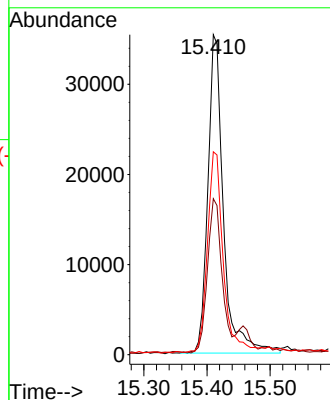
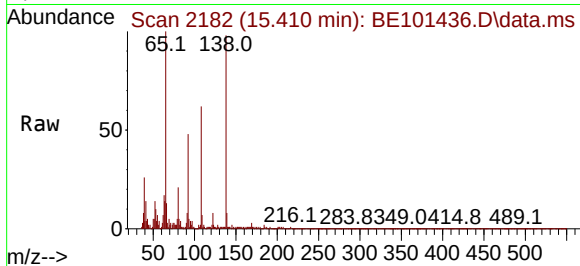
ClientSampleId :

MH-3MS

Tgt Ion:138 Resp: 6049
Ion Ratio Lower Upper
138 100
92 48.8 28.7 68.7
108 63.4 46.5 86.5

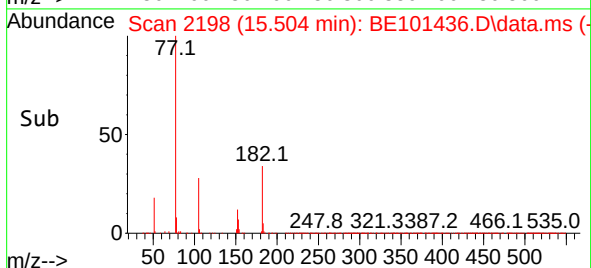
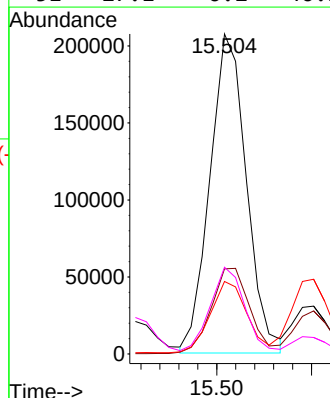
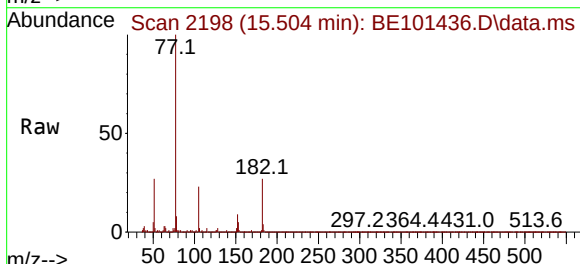
Manual Integrations
APPROVED

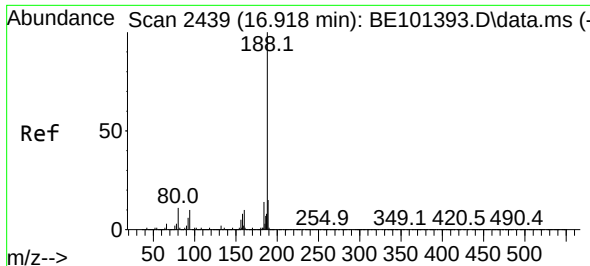
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#63
Azobenzene
Concen: 8.378 ng
RT: 15.504 min Scan# 2198
Delta R.T. -0.004 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

Tgt Ion: 77 Resp: 277256
Ion Ratio Lower Upper
77 100
182 26.6 7.6 47.6
105 22.6 3.2 43.2
51 27.1 6.2 46.2





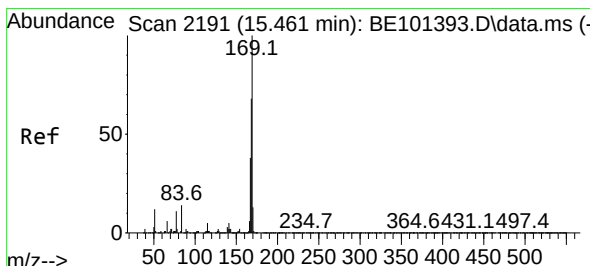
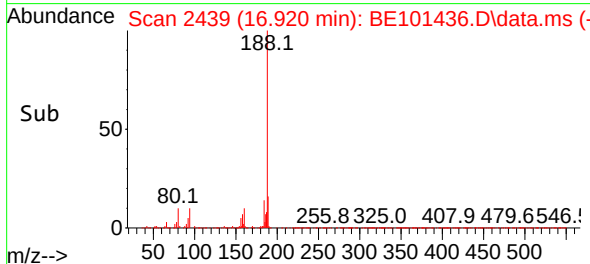
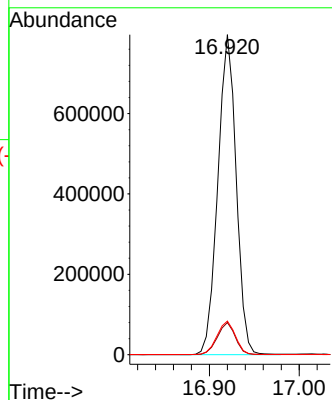
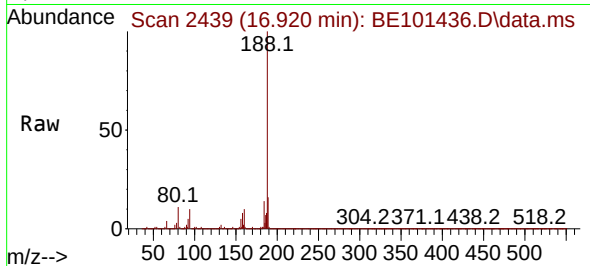
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.920 min Scan# 2439
Delta R.T. 0.002 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

Instrument :
BNA_E
ClientSampleId :
MH-3MS

Tgt Ion:188 Resp: 1128580
Ion Ratio Lower Upper
188 100
94 10.1 7.8 11.8
80 10.5 8.6 12.8

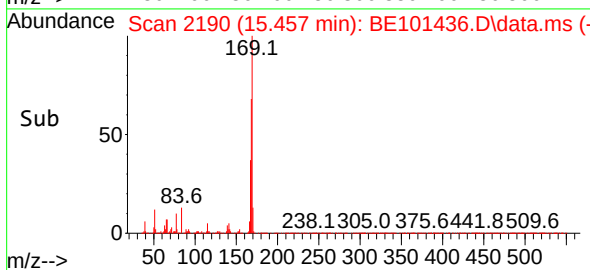
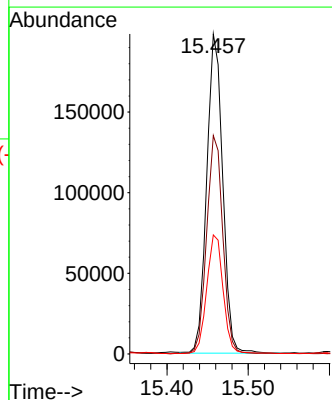
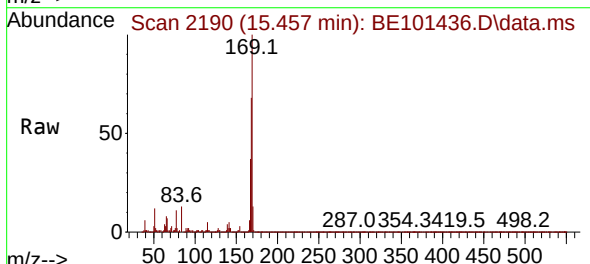
Manual Integrations
APPROVED

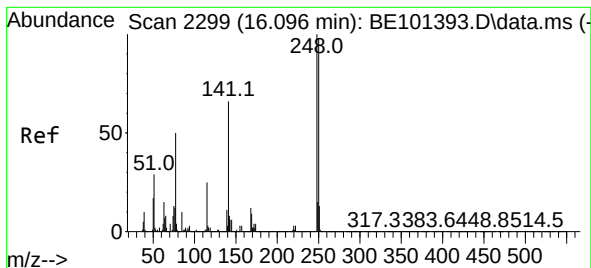
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#66
n-Nitrosodiphenylamine
Concen: 8.999 ng
RT: 15.457 min Scan# 2190
Delta R.T. -0.004 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

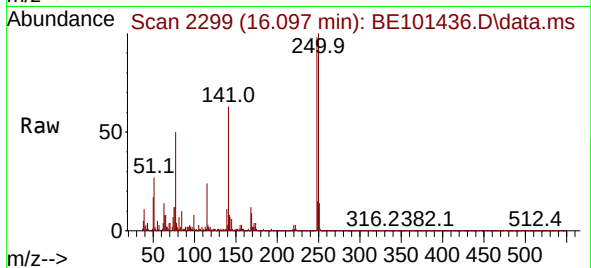
Tgt Ion:169 Resp: 269327
Ion Ratio Lower Upper
169 100
168 68.2 54.5 81.7
167 37.2 30.4 45.6





#67
4-Bromophenyl-phenylether
Concen: 8.759 ng
RT: 16.097 min Scan# 2299
Delta R.T. 0.002 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

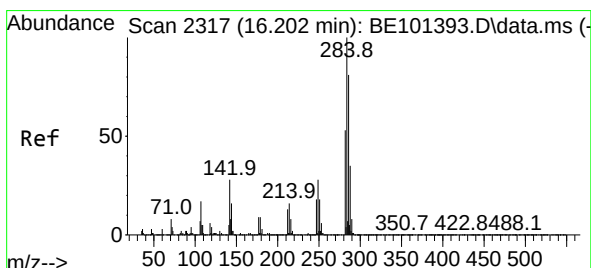
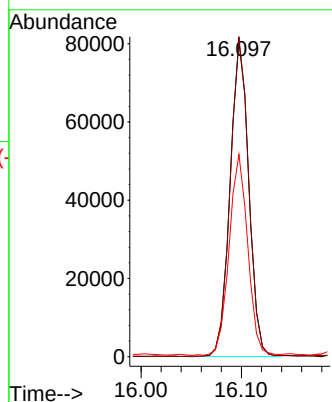
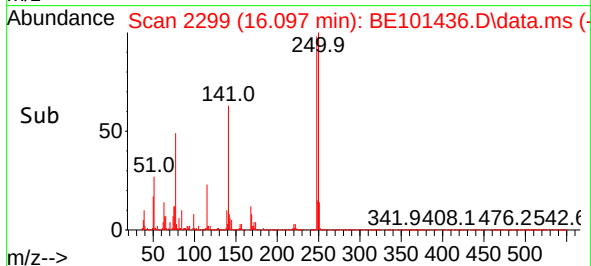
Instrument :
BNA_E
ClientSampleId :
MH-3MS



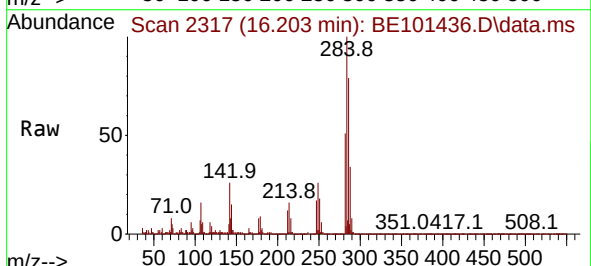
Tgt Ion:248 Resp: 103980
Ion Ratio Lower Upper
248 100
250 101.7 78.2 117.2
141 64.2 53.0 79.4

Manual Integrations
APPROVED

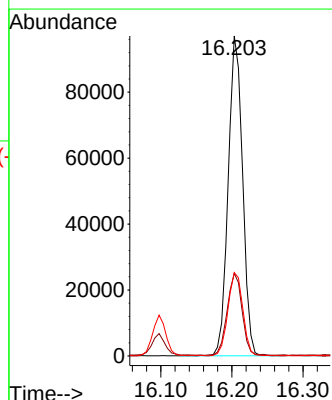
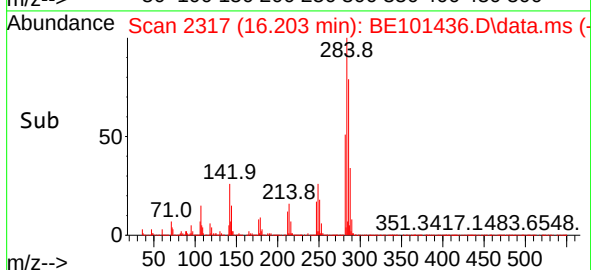
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

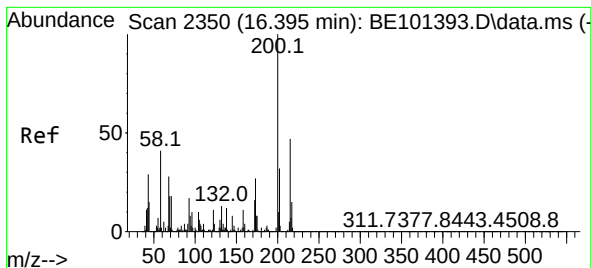


#68
Hexachlorobenzene
Concen: 8.734 ng
RT: 16.203 min Scan# 2317
Delta R.T. 0.001 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01



Tgt Ion:284 Resp: 135904
Ion Ratio Lower Upper
284 100
142 25.9 22.2 33.2
249 26.0 22.8 34.2





#69

Atrazine

Concen: 10.346 ng

RT: 16.391 min Scan# 21

Delta R.T. -0.004 min

Lab File: BE101436.D

Acq: 31 Oct 2024 17:01

Instrument :

BNA_E

ClientSampleId :

MH-3MS

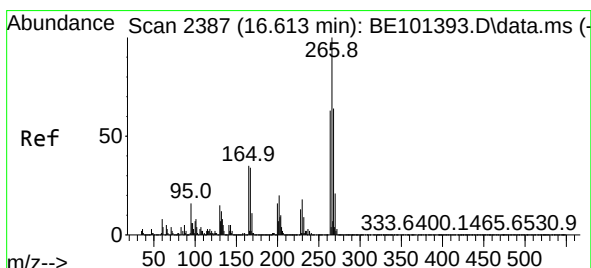
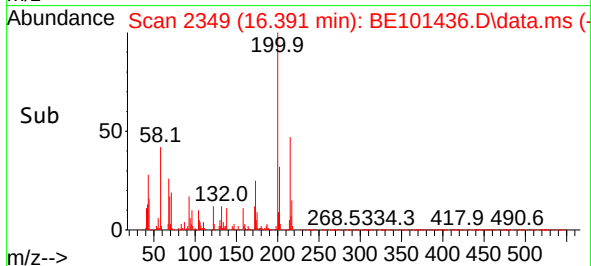
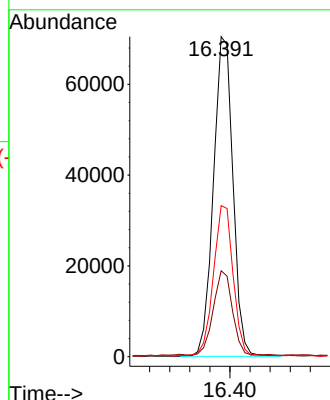
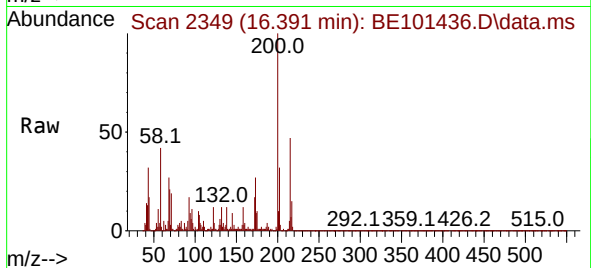
Tgt Ion:	200	Resp:	94928
Ion Ratio	Lower	Upper	
200	100		
173	26.8	7.0	47.0
215	47.2	27.3	67.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#70

Pentachlorophenol

Concen: 16.110 ng

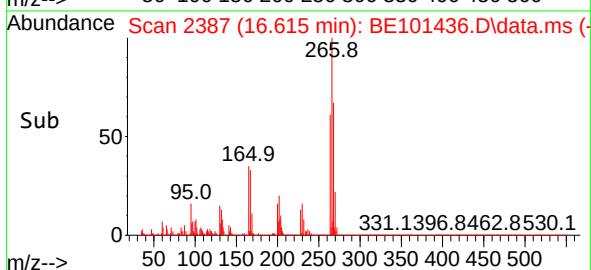
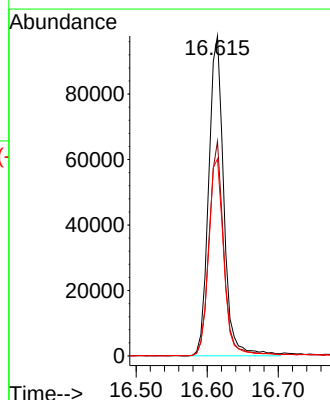
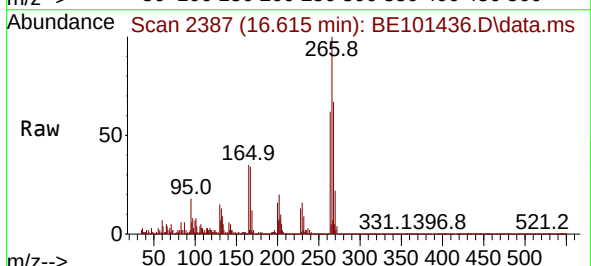
RT: 16.615 min Scan# 2387

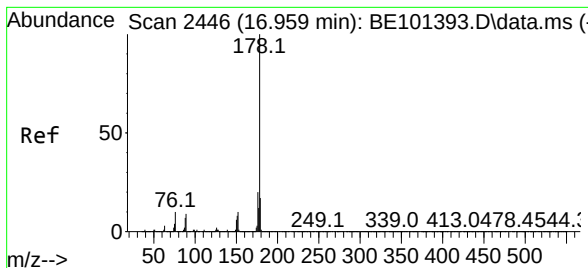
Delta R.T. 0.002 min

Lab File: BE101436.D

Acq: 31 Oct 2024 17:01

Tgt Ion:	266	Resp:	144298
Ion Ratio	Lower	Upper	
266	100		
268	67.0	51.5	77.3
264	61.5	50.7	76.1





#71

Phenanthrene

Concen: 11.188 ng

RT: 16.961 min Scan# 2446

Delta R.T. 0.002 min

Lab File: BE101436.D

Acq: 31 Oct 2024 17:01

Instrument :

BNA_E

ClientSampleId :

MH-3MS

Tgt Ion:178 Resp: 604530

Ion Ratio Lower Upper

178 100

176 19.7 16.4 24.6

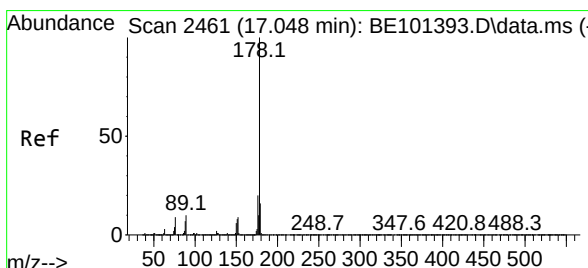
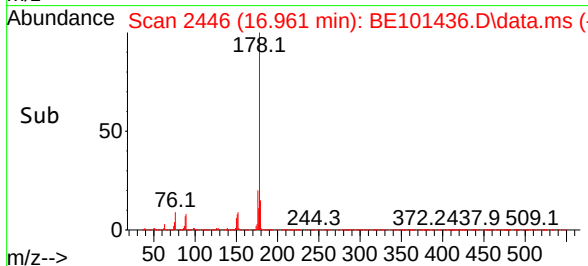
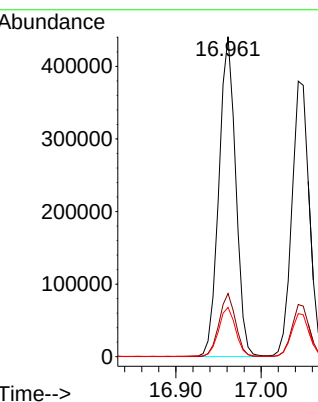
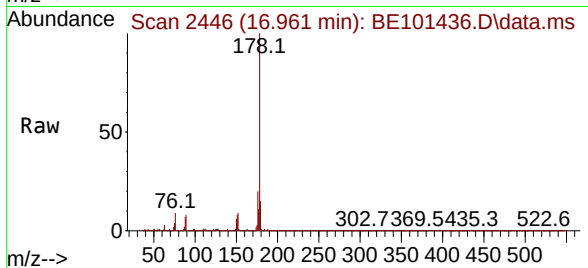
179 15.4 13.2 19.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#72

Anthracene

Concen: 10.216 ng

RT: 17.043 min Scan# 2460

Delta R.T. -0.004 min

Lab File: BE101436.D

Acq: 31 Oct 2024 17:01

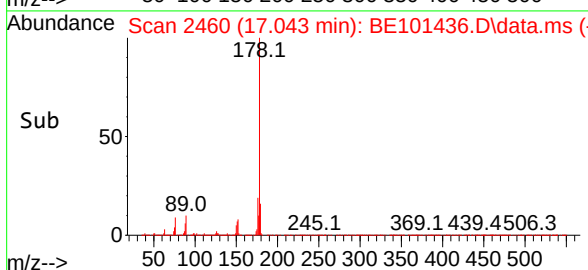
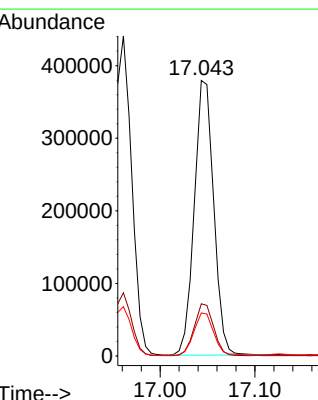
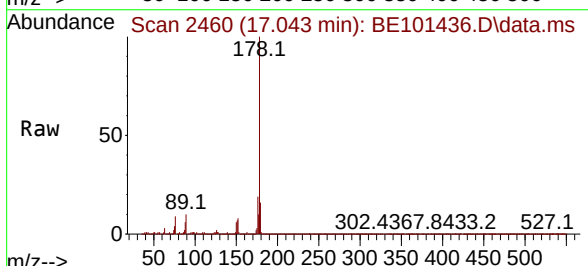
Tgt Ion:178 Resp: 539034

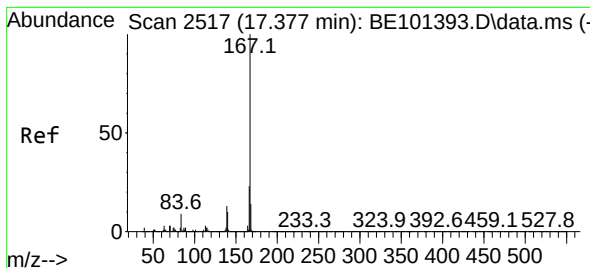
Ion Ratio Lower Upper

178 100

176 18.9 15.9 23.9

179 15.6 13.1 19.7





#73

Carbazole

Concen: 8.791 ng

RT: 17.378 min Scan# 2517

Delta R.T. 0.002 min

Lab File: BE101436.D

Acq: 31 Oct 2024 17:01

Instrument :

BNA_E

ClientSampleId :

MH-3MS

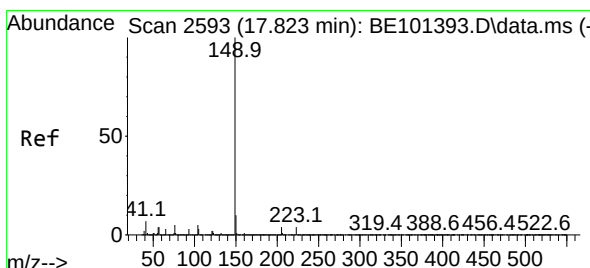
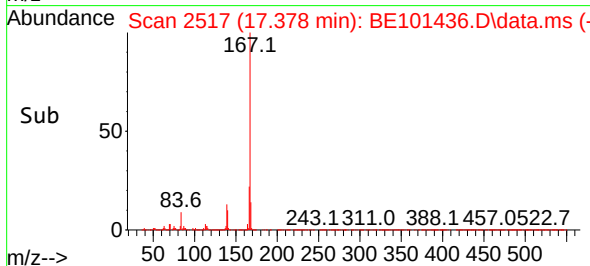
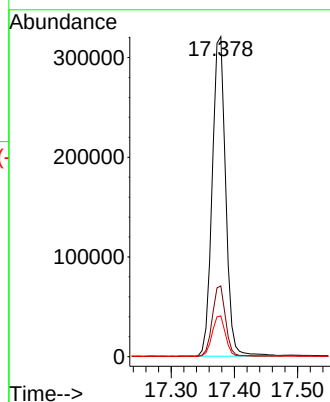
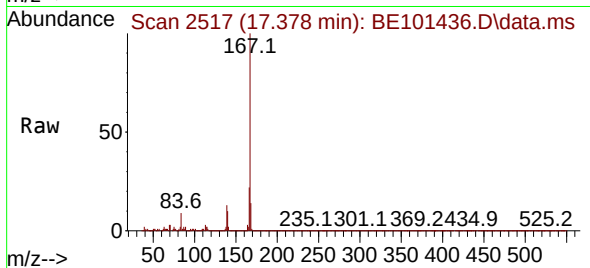
Tgt Ion:	167	Resp:	47460
Ion Ratio	Lower	Upper	
167	100		
166	22.1	18.3	27.5
139	12.7	10.8	16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#74

Di-n-butylphthalate

Concen: 9.649 ng

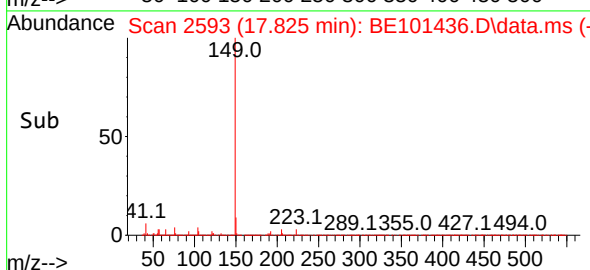
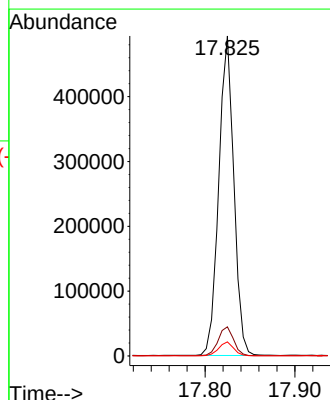
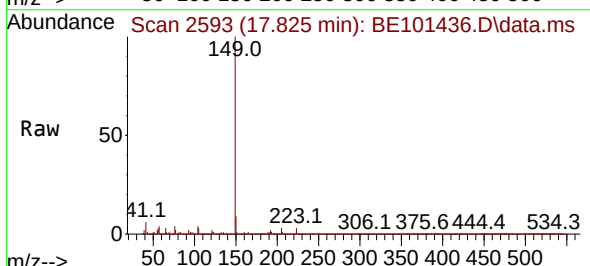
RT: 17.825 min Scan# 2593

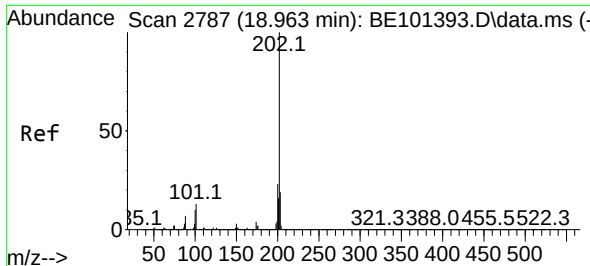
Delta R.T. 0.002 min

Lab File: BE101436.D

Acq: 31 Oct 2024 17:01

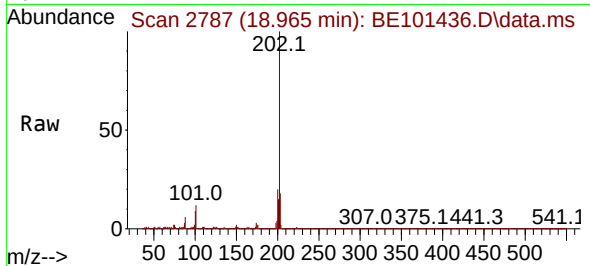
Tgt Ion:	149	Resp:	573446
Ion Ratio	Lower	Upper	
149	100		
150	9.1	8.2	12.4
104	4.4	3.9	5.9





#75
Fluoranthene
Concen: 12.269 ng
RT: 18.965 min Scan# 21
Delta R.T. 0.002 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

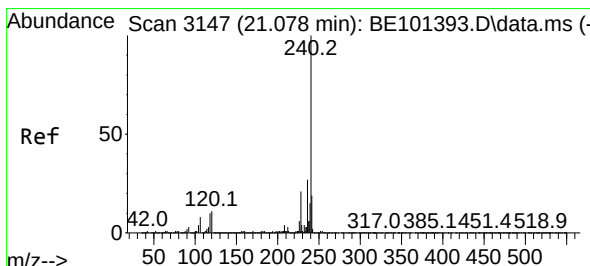
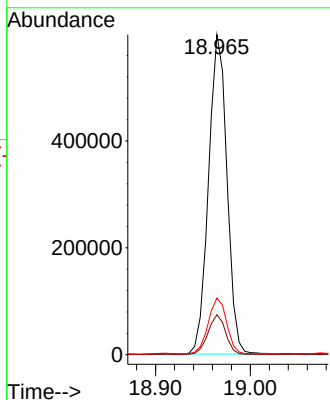
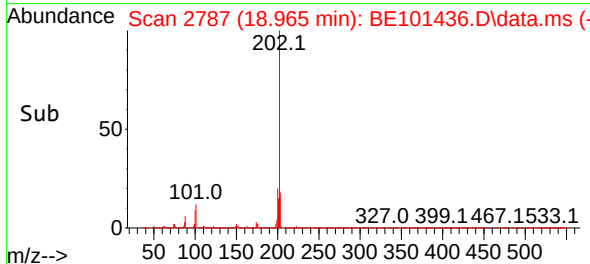
Instrument :
BNA_E
ClientSampleId :
MH-3MS



Tgt Ion:202 Resp: 80520
Ion Ratio Lower Upper
202 100
101 12.5 0.0 33.3
203 17.7 0.0 39.3

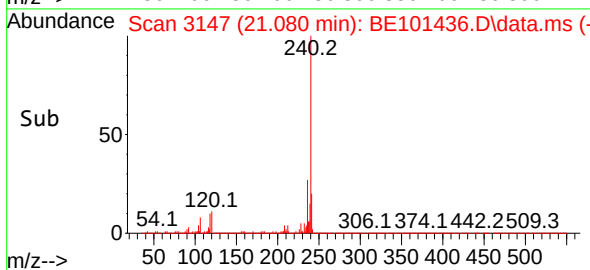
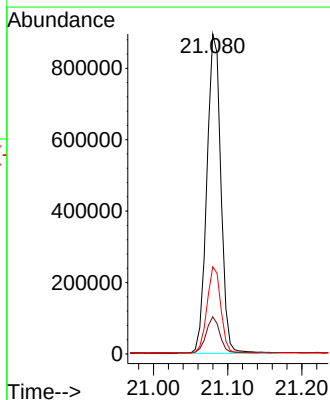
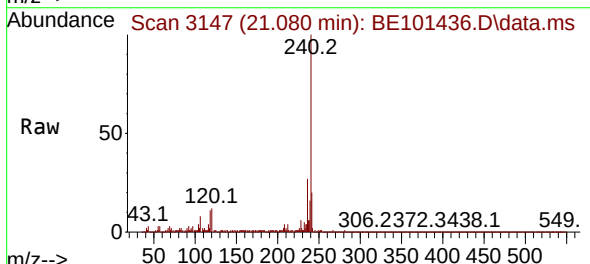
Manual Integrations
APPROVED

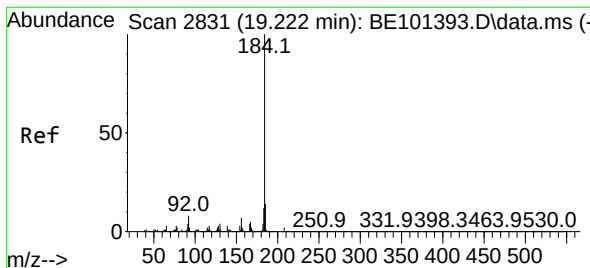
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.080 min Scan# 3147
Delta R.T. 0.002 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

Tgt Ion:240 Resp: 1174625
Ion Ratio Lower Upper
240 100
120 11.6 9.0 13.4
236 27.3 21.4 32.0





#77

Benzidine

Concen: 12.693 ng

RT: 19.217 min Scan# 2831

Delta R.T. -0.004 min

Lab File: BE101436.D

Acq: 31 Oct 2024 17:01

Instrument :

BNA_E

ClientSampleId :

MH-3MS

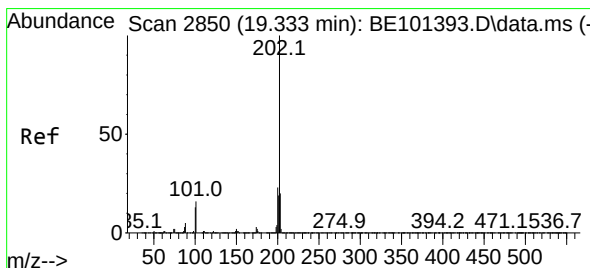
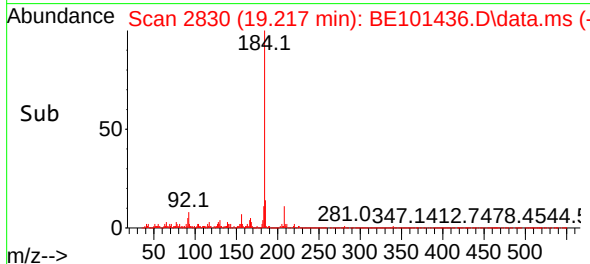
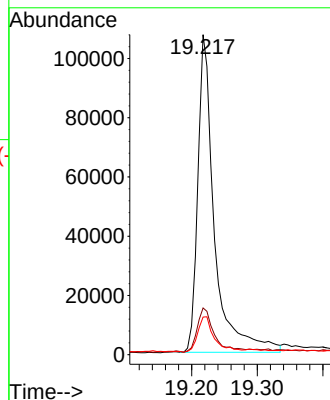
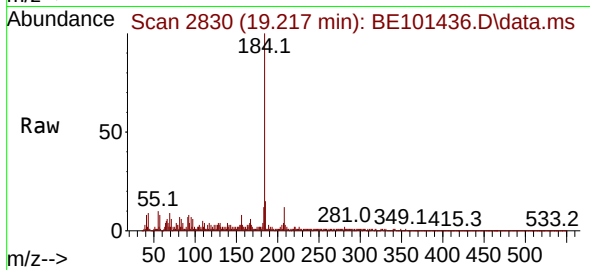
Tgt Ion:184	Resp: 18922
Ion Ratio	Lower Upper
184 100	
185 14.6	11.5 17.3
183 11.7	9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#78

Pyrene

Concen: 13.198 ng

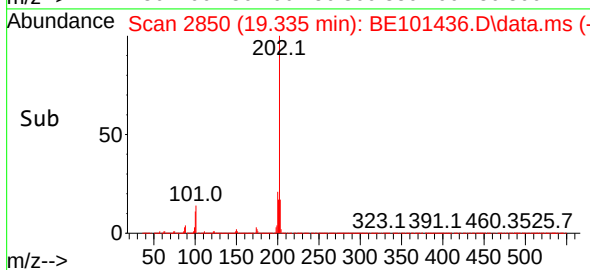
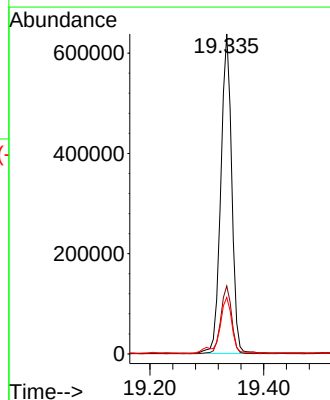
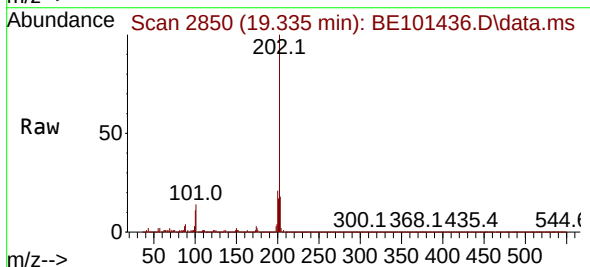
RT: 19.335 min Scan# 2850

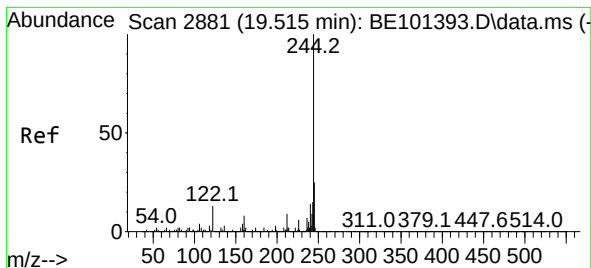
Delta R.T. 0.002 min

Lab File: BE101436.D

Acq: 31 Oct 2024 17:01

Tgt Ion:202	Resp: 852516
Ion Ratio	Lower Upper
202 100	
200 21.2	18.6 28.0
203 17.6	15.6 23.4





#79

Terphenyl-d14

Concen: 13.182 ng

RT: 19.511 min Scan# 2881

Delta R.T. -0.004 min

Lab File: BE101436.D

Acq: 31 Oct 2024 17:01

Instrument :

BNA_E

ClientSampleId :

MH-3MS

Tgt Ion:244 Resp: 67275

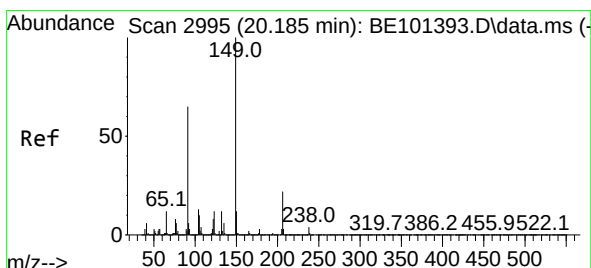
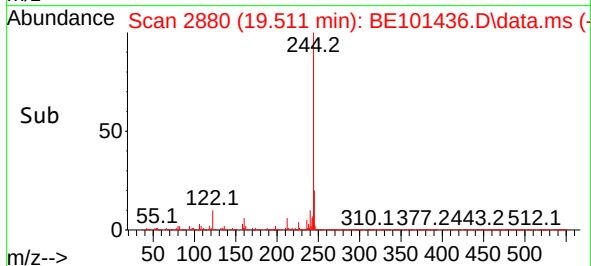
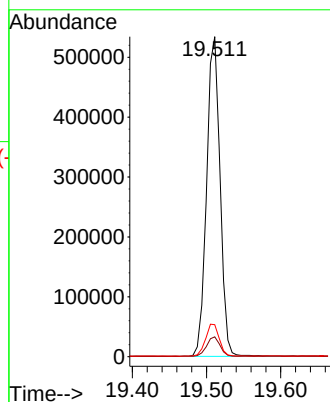
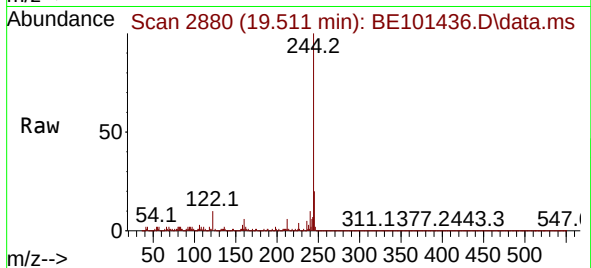
Ion	Ratio	Lower	Upper
244	100		
212	6.2	7.2	10.8
122	10.0	10.4	15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#80

Butylbenzylphthalate

Concen: 9.793 ng

RT: 20.187 min Scan# 2995

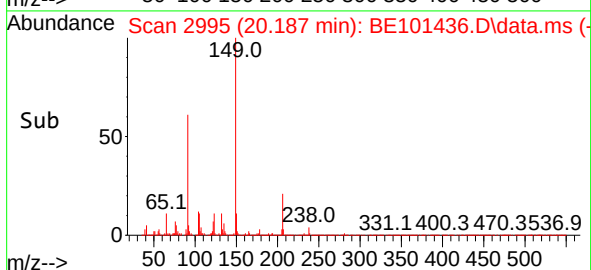
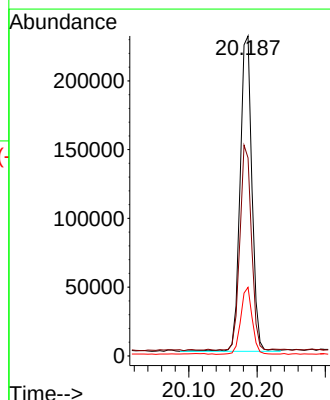
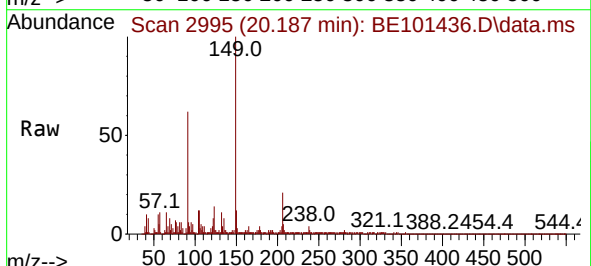
Delta R.T. 0.002 min

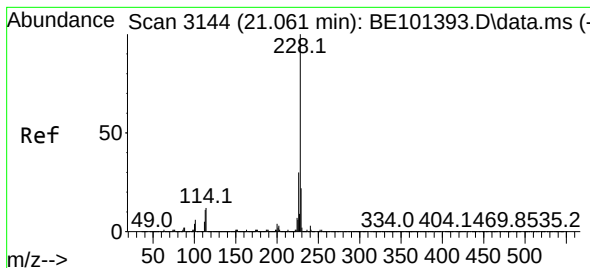
Lab File: BE101436.D

Acq: 31 Oct 2024 17:01

Tgt Ion:149 Resp: 277330

Ion	Ratio	Lower	Upper
149	100		
91	61.9	51.8	77.8
206	21.5	17.4	26.2





#81

Benzo(a)anthracene

Concen: 11.693 ng

RT: 21.062 min Scan# 3144

Delta R.T. 0.002 min

Lab File: BE101436.D

Acq: 31 Oct 2024 17:01

Instrument :

BNA_E

ClientSampleId :

MH-3MS

Tgt Ion:228 Resp: 772000

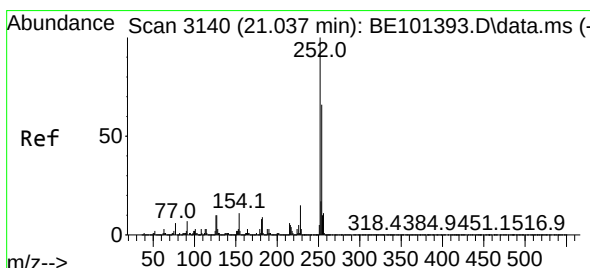
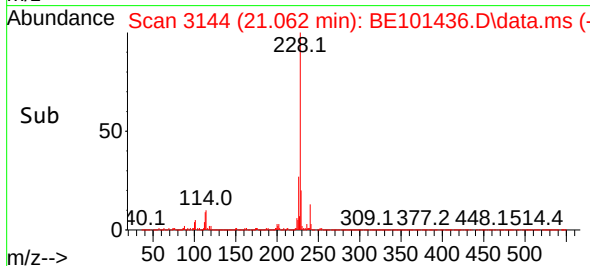
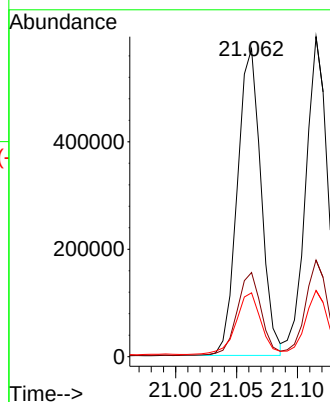
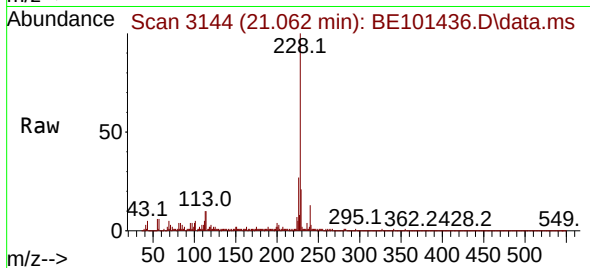
Ion	Ratio	Lower	Upper
228	100		
226	27.3	24.1	36.1
229	20.7	17.3	25.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#82

3,3'-Dichlorobenzidine

Concen: 7.652 ng

RT: 21.033 min Scan# 3139

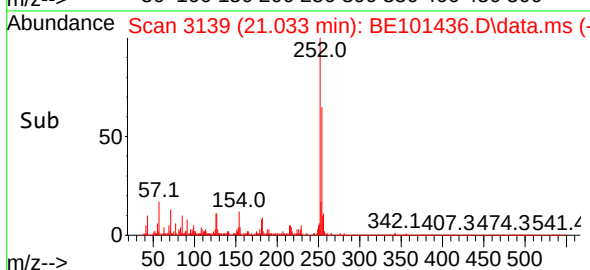
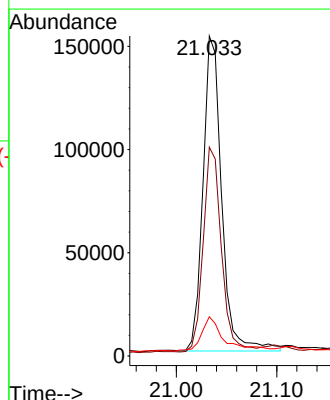
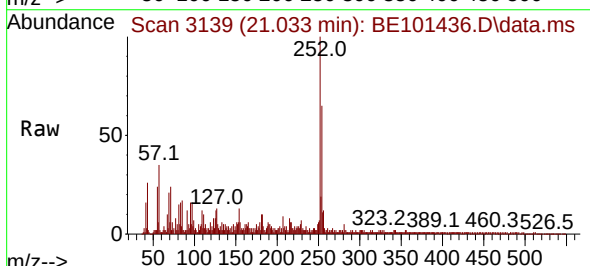
Delta R.T. -0.004 min

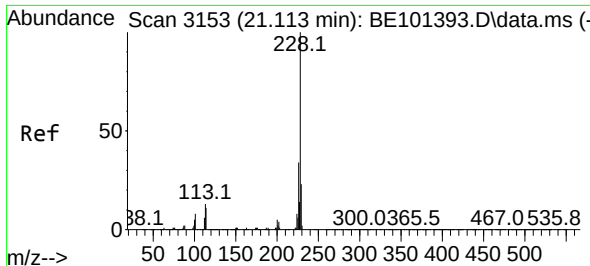
Lab File: BE101436.D

Acq: 31 Oct 2024 17:01

Tgt Ion:252 Resp: 197903

Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.6	78.8
126	12.3	7.7	11.5





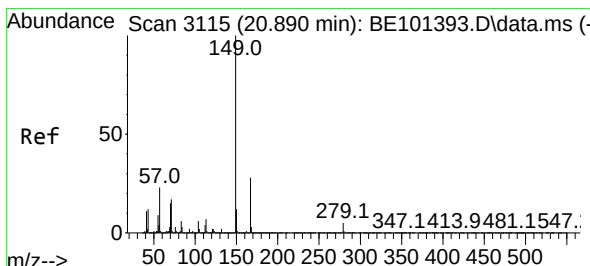
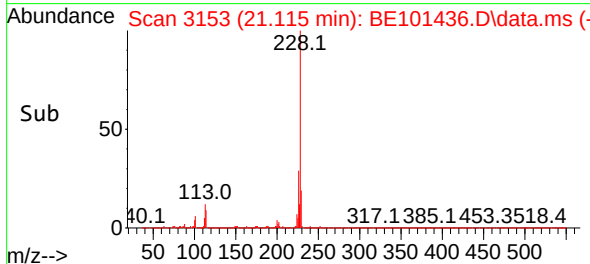
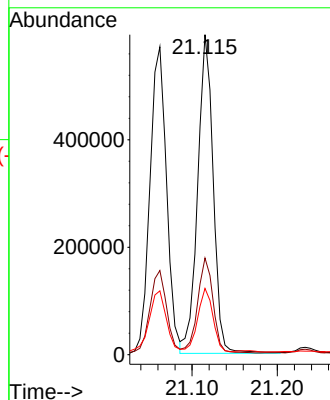
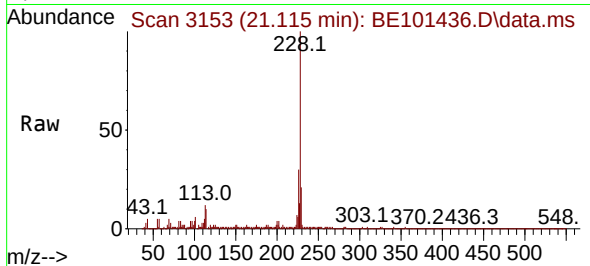
#83
Chrysene
Concen: 11.768 ng
RT: 21.115 min Scan# 3153
Delta R.T. 0.002 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

Instrument :
BNA_E
ClientSampleId :
MH-3MS

Tgt Ion:228 Resp: 751212
Ion Ratio Lower Upper
228 100
226 30.2 27.2 40.8
229 20.7 18.0 27.0

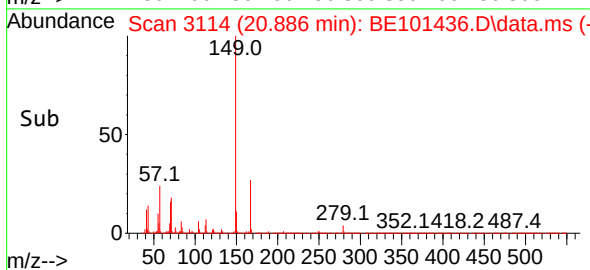
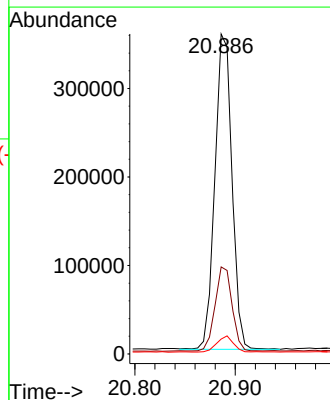
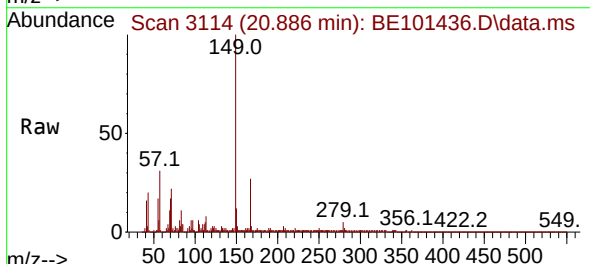
Manual Integrations
APPROVED

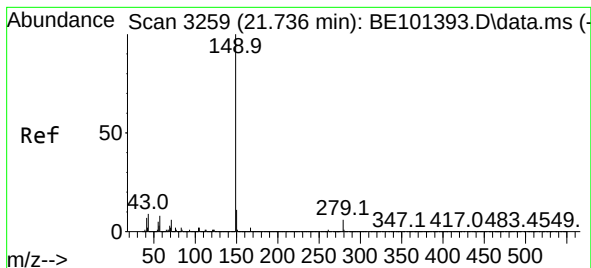
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 11.205 ng
RT: 20.886 min Scan# 3114
Delta R.T. -0.004 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

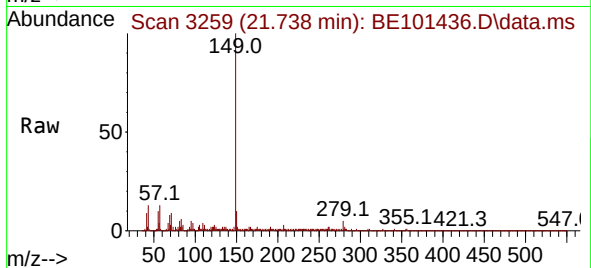
Tgt Ion:149 Resp: 421512
Ion Ratio Lower Upper
149 100
167 27.2 22.7 34.1
279 4.6 4.3 6.5





#85
Di-n-octyl phthalate
Concen: 11.479 ng
RT: 21.738 min Scan# 31
Delta R.T. 0.002 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

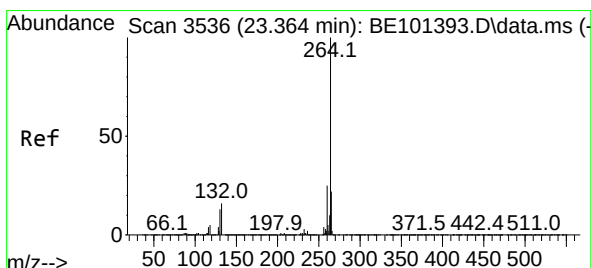
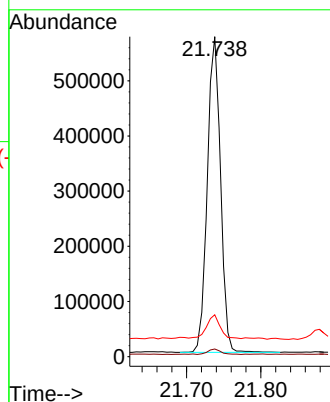
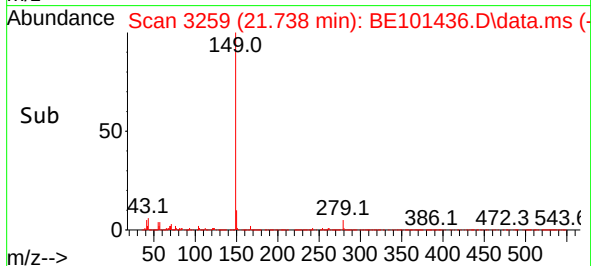
Instrument :
BNA_E
ClientSampleId :
MH-3MS



Tgt Ion:149 Resp: 708732
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 7.7 7.0 10.4

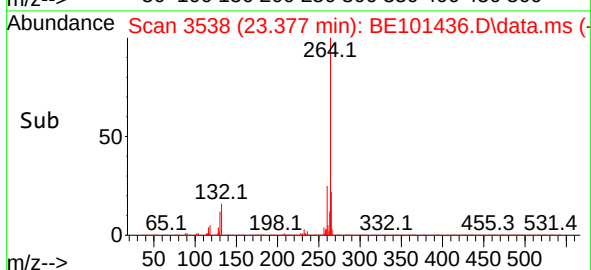
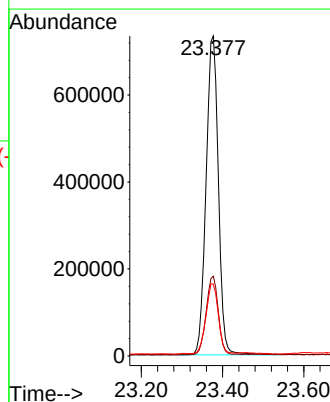
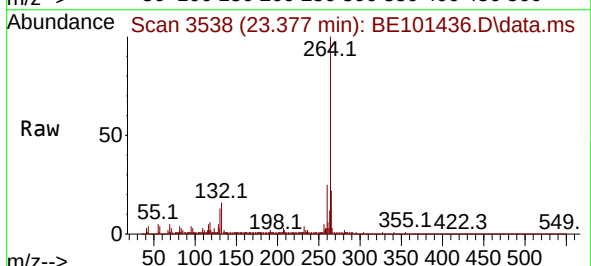
Manual Integrations
APPROVED

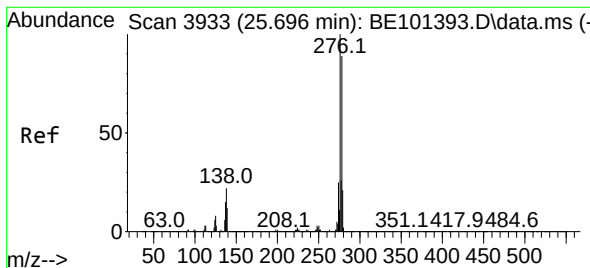
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.377 min Scan# 3538
Delta R.T. 0.013 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

Tgt Ion:264 Resp: 1533850
Ion Ratio Lower Upper
264 100
260 25.0 19.8 29.8
265 22.5 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 10.122 ng

RT: 25.698 min Scan# 3933

Delta R.T. 0.002 min

Lab File: BE101436.D

Acq: 31 Oct 2024 17:01

Instrument :

BNA_E

ClientSampleId :

MH-3MS

Tgt Ion:276 Resp: 1039060

Ion Ratio Lower Upper

276 100

138 20.7 17.8 26.8

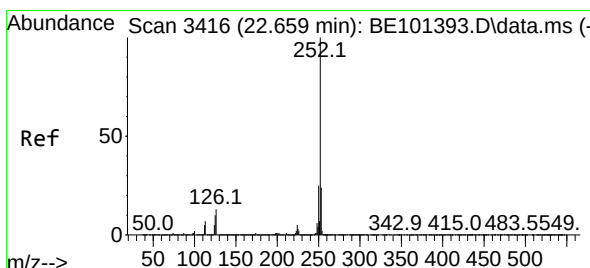
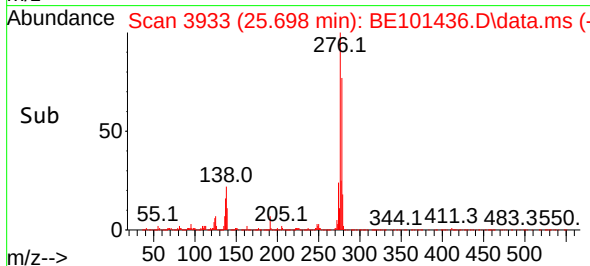
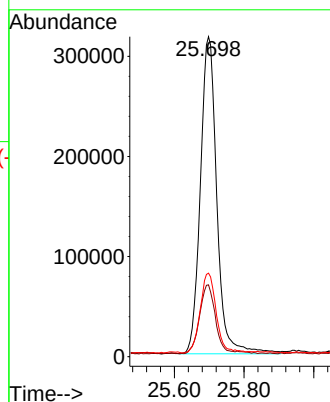
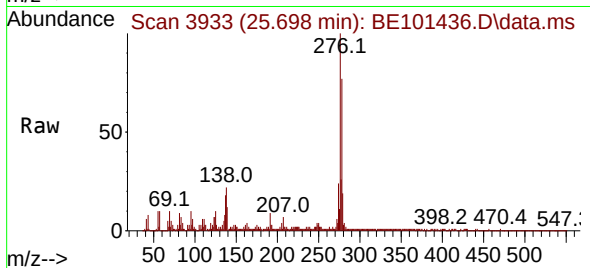
277 24.4 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#88

Benzo(b)fluoranthene

Concen: 11.097 ng

RT: 22.660 min Scan# 3416

Delta R.T. 0.002 min

Lab File: BE101436.D

Acq: 31 Oct 2024 17:01

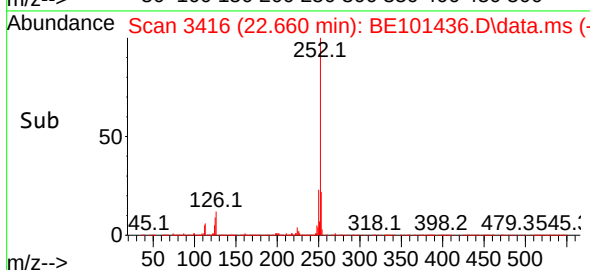
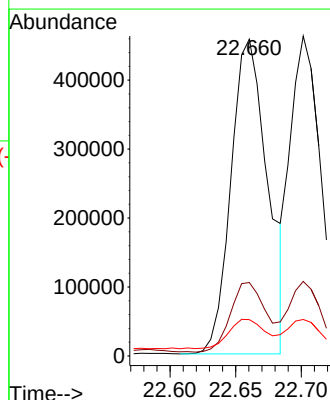
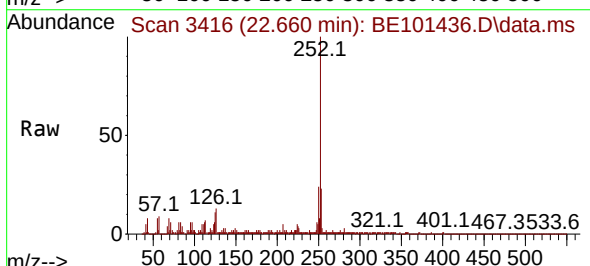
Tgt Ion:252 Resp: 887060

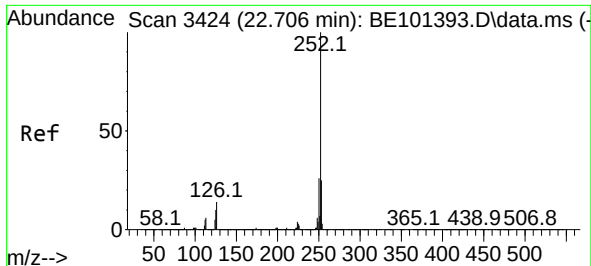
Ion Ratio Lower Upper

252 100

253 23.2 19.0 28.6

125 11.5 8.2 12.2





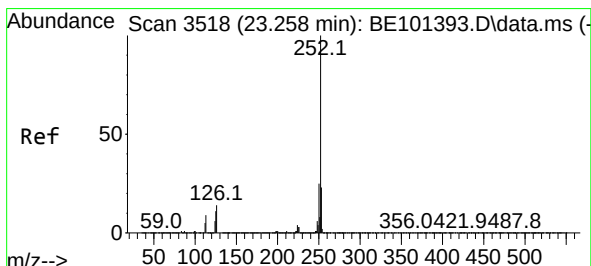
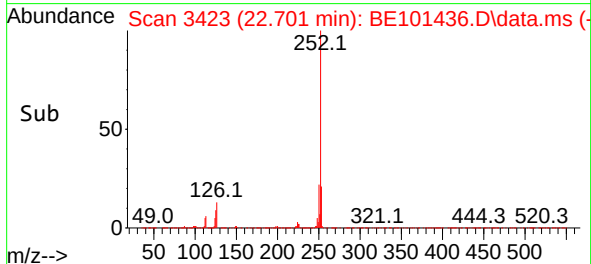
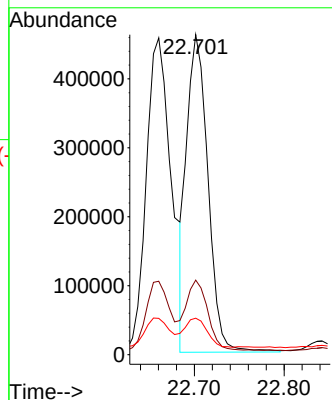
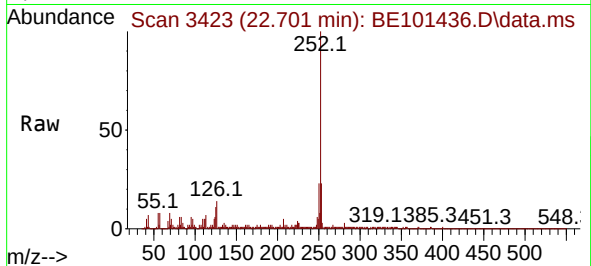
#89
Benzo(k)fluoranthene
Concen: 10.169 ng
RT: 22.701 min Scan# 3424
Delta R.T. -0.004 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

Instrument :
BNA_E
ClientSampleId :
MH-3MS

Tgt Ion:252 Resp: 75941
Ion Ratio Lower Upper
252 100
253 23.3 19.4 29.2
125 11.4 8.2 12.2

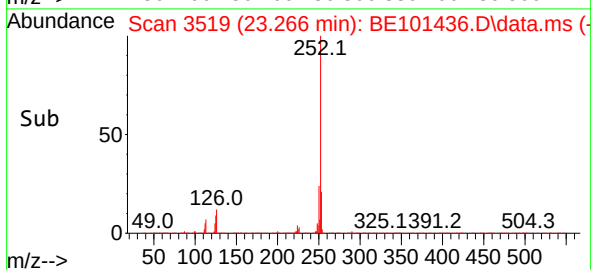
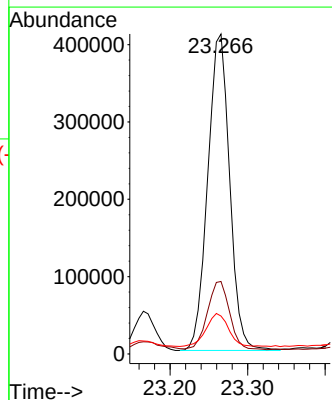
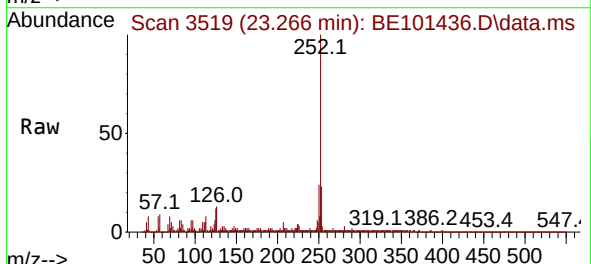
Manual Integrations
APPROVED

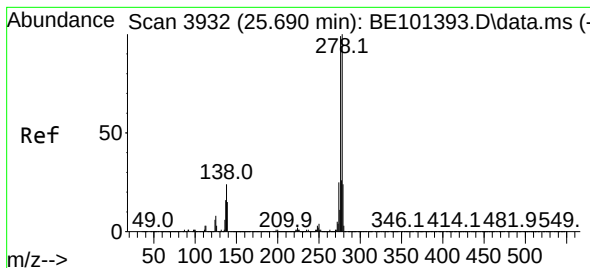
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#90
Benzo(a)pyrene
Concen: 11.493 ng
RT: 23.266 min Scan# 3519
Delta R.T. 0.008 min
Lab File: BE101436.D
Acq: 31 Oct 2024 17:01

Tgt Ion:252 Resp: 803440
Ion Ratio Lower Upper
252 100
253 22.7 18.4 27.6
125 11.9 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 9.491 ng

RT: 25.692 min Scan# 3932

Delta R.T. 0.002 min

Lab File: BE101436.D

Acq: 31 Oct 2024 17:01

Instrument :

BNA_E

ClientSampleId :

MH-3MS

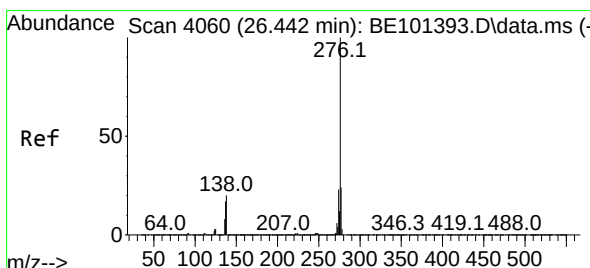
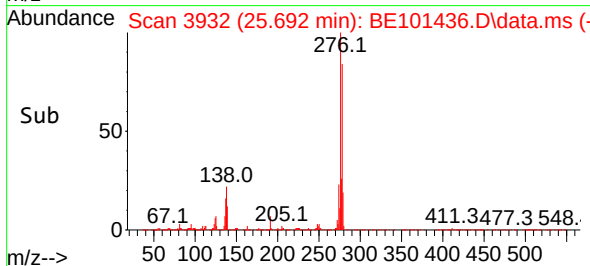
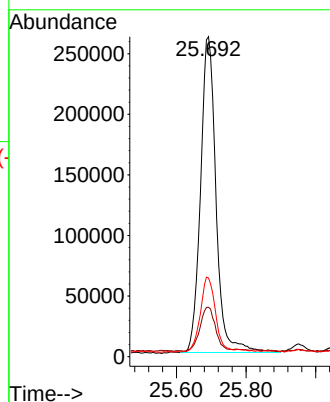
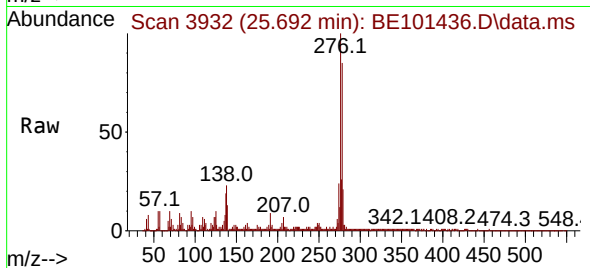
Tgt Ion:	278	Resp:	805030
Ion Ratio	Lower	Upper	
278	100		
139	15.5	11.9	17.9
279	24.6	19.3	28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#92

Benzo(g,h,i)perylene

Concen: 9.167 ng

RT: 26.450 min Scan# 4061

Delta R.T. 0.008 min

Lab File: BE101436.D

Acq: 31 Oct 2024 17:01

Tgt Ion:	276	Resp:	801197
Ion Ratio	Lower	Upper	
276	100		
277	25.2	19.4	29.2
138	19.5	15.8	23.6

