

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE103124\
 Data File : BE101437.D
 Acq On : 31 Oct 2024 17:37
 Operator : RC/JU
 Sample : P4640-01MSD 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MH-3MSD

Quant Time: Nov 01 06:15:02 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

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel

11/04/2024

Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.573	152	121483	20.000	ng	0.00
21) Naphthalene-d8	10.340	136	559615	20.000	ng	0.00
39) Acenaphthene-d10	14.183	164	376785	20.000	ng	0.00
64) Phenanthrene-d10	16.921	188	819838	20.000	ng	0.00
76) Chrysene-d12	21.081	240	849850	20.000	ng	0.00
86) Perylene-d12	23.378	264	1106777	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.323	112	146593	21.149	ng	0.00
7) Phenol-d6	6.950	99	199446	20.752	ng	0.00
23) Nitrobenzene-d5	8.783	82	119323	13.392	ng	0.00
42) 2,4,6-Tribromophenol	15.687	330	141096	21.366	ng	0.00
45) 2-Fluorobiphenyl	12.802	172	333594	14.994	ng	0.00
79) Terphenyl-d14	19.512	244	642633	17.404	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.213	88	21038	8.138	ng	99
3) Pyridine	3.725	79	41412	5.662	ng	91
4) n-Nitrosodimethylamine	3.595	42	23019	8.134	ng	# 98
6) Aniline	7.027	93	52844m	7.174	ng	
8) 2-Chlorophenol	7.215	128	91511	11.008	ng	98
9) Benzaldehyde	6.792	77	12356	2.663	ng	95
10) Phenol	6.974	94	117829	11.299	ng	99
11) bis(2-Chloroethyl)ether	7.038	93	90255m	10.550	ng	
12) 1,3-Dichlorobenzene	7.461	146	93381	10.417	ng	100
13) 1,4-Dichlorobenzene	7.608	146	95096	10.388	ng	97
14) 1,2-Dichlorobenzene	7.937	146	94512	10.548	ng	99
15) Benzyl Alcohol	7.926	79	49903	8.711	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.072	45	116619	10.832	ng	96
17) 2-Methylphenol	8.155	107	73979	10.482	ng	98
18) Hexachloroethane	8.631	117	28428	9.509	ng	96
19) n-Nitroso-di-n-propyla...	8.372	70	62008	9.723	ng	99
20) 3+4-Methylphenols	8.495	107	99652	10.229	ng	98
22) Acetophenone	8.425	105	128530	10.115	ng	# 98
24) Nitrobenzene	8.824	77	91117	9.608	ng	99
25) Isophorone	9.271	82	174638	10.044	ng	97
26) 2-Nitrophenol	9.512	139	43399	9.469	ng	98
27) 2,4-Dimethylphenol	9.629	122	75842	13.150	ng	100
28) bis(2-Chloroethoxy)met...	9.776	93	106712	10.121	ng	97
29) 2,4-Dichlorophenol	10.064	162	91412	11.457	ng	98
30) 1,2,4-Trichlorobenzene	10.188	180	95240	10.957	ng	98
31) Naphthalene	10.387	128	319374	11.199	ng	99
32) Benzoic acid	9.841	122	32638	12.775	ng	95
33) 4-Chloroaniline	10.616	127	80589	8.127	ng	100
34) Hexachlorobutadiene	10.640	225	57714	11.217	ng	99
35) Caprolactam	11.392	113	25221	8.246	ng	90
36) 4-Chloro-3-methylphenol	11.792	107	96736	10.648	ng	97
37) 2-Methylnaphthalene	11.980	142	233157	11.348	ng	99
38) 1-Methylnaphthalene	12.209	142	217378	10.601	ng	99
40) 1,2,4,5-Tetrachloroben...	12.338	216	114908	12.148	ng	99
41) Hexachlorocyclopentadiene	12.314	237	7759	2.484	ng	95
43) 2,4,6-Trichlorophenol	12.655	196	79379	12.173	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.761	196	87376	11.701	ng	99
46) 1,1'-Biphenyl	13.008	154	295696	11.455	ng	100
47) 2-Chloronaphthalene	13.055	162	232300	11.390	ng	98
48) 2-Nitroaniline	13.384	65	60192	10.967	ng	98
49) Acenaphthylene	13.913	152	379780	12.592	ng	99
50) Dimethylphthalate	13.683	163	276217	10.386	ng	98
51) 2,6-Dinitrotoluene	13.819	165	57702	9.397	ng	99
52) Acenaphthene	14.248	154	238179	12.094	ng	99
53) 3-Nitroaniline	14.230	138	61146	10.014	ng	97
54) 2,4-Dinitrophenol	14.371	184	3016	6.259	ng	# 67
55) Dibenzofuran	14.588	168	373902	11.912	ng	97
56) 4-Nitrophenol	14.653	139	105829	18.927	ng	100
57) 2,4-Dinitrotoluene	14.606	165	76479	9.047	ng	94
58) Fluorene	15.229	166	306460	11.671	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.853	232	79889	11.579	ng	99
60) Diethylphthalate	15.011	149	291552	10.480	ng	99
61) 4-Chlorophenyl-phenyle...	15.211	204	144150	11.063	ng	99
62) 4-Nitroaniline	15.417	138	62369	9.180	ng	94
63) Azobenzene	15.511	77	269068	11.252	ng	99
66) n-Nitrosodiphenylamine	15.458	169	260678	11.990	ng	99
67) 4-Bromophenyl-phenylether	16.098	248	102220	11.853	ng	97
68) Hexachlorobenzene	16.204	284	130399	11.536	ng	98
69) Atrazine	16.392	200	92059	13.812	ng	98
70) Pentachlorophenol	16.615	266	136060	20.911	ng	99
71) Phenanthrene	16.962	178	578300	14.733	ng	98
72) Anthracene	17.044	178	526481	13.736	ng	99
73) Carbazole	17.379	167	461914	11.778	ng	98
74) Di-n-butylphthalate	17.826	149	554456	12.842	ng	97
75) Fluoranthene	18.966	202	776039	16.277	ng	97
77) Benzidine	19.218	184	216219	20.046	ng	99
78) Pyrene	19.336	202	814347	17.425	ng	96
80) Butylbenzylphthalate	20.182	149	261386	12.758	ng	97
81) Benzo(a)anthracene	21.063	228	738735	15.465	ng	96
82) 3,3'-Dichlorobenzidine	21.034	252	193809	10.358	ng	# 98
83) Chrysene	21.116	228	703364	15.230	ng	95
84) Bis(2-ethylhexyl)phtha...	20.887	149	403921	14.840	ng	98
85) Di-n-octyl phthalate	21.739	149	686026	15.357	ng	98
87) Indeno(1,2,3-cd)pyrene	25.699	276	964066	13.016	ng	98
88) Benzo(b)fluoranthene	22.661	252	831229	14.411	ng	98
89) Benzo(k)fluoranthene	22.708	252	760501	14.113	ng	98
90) Benzo(a)pyrene	23.266	252	778511	15.434	ng	98
91) Dibenzo(a,h)anthracene	25.693	278	761074	12.435	ng	98
92) Benzo(g,h,i)perylene	26.451	276	737163	11.690	ng	98

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

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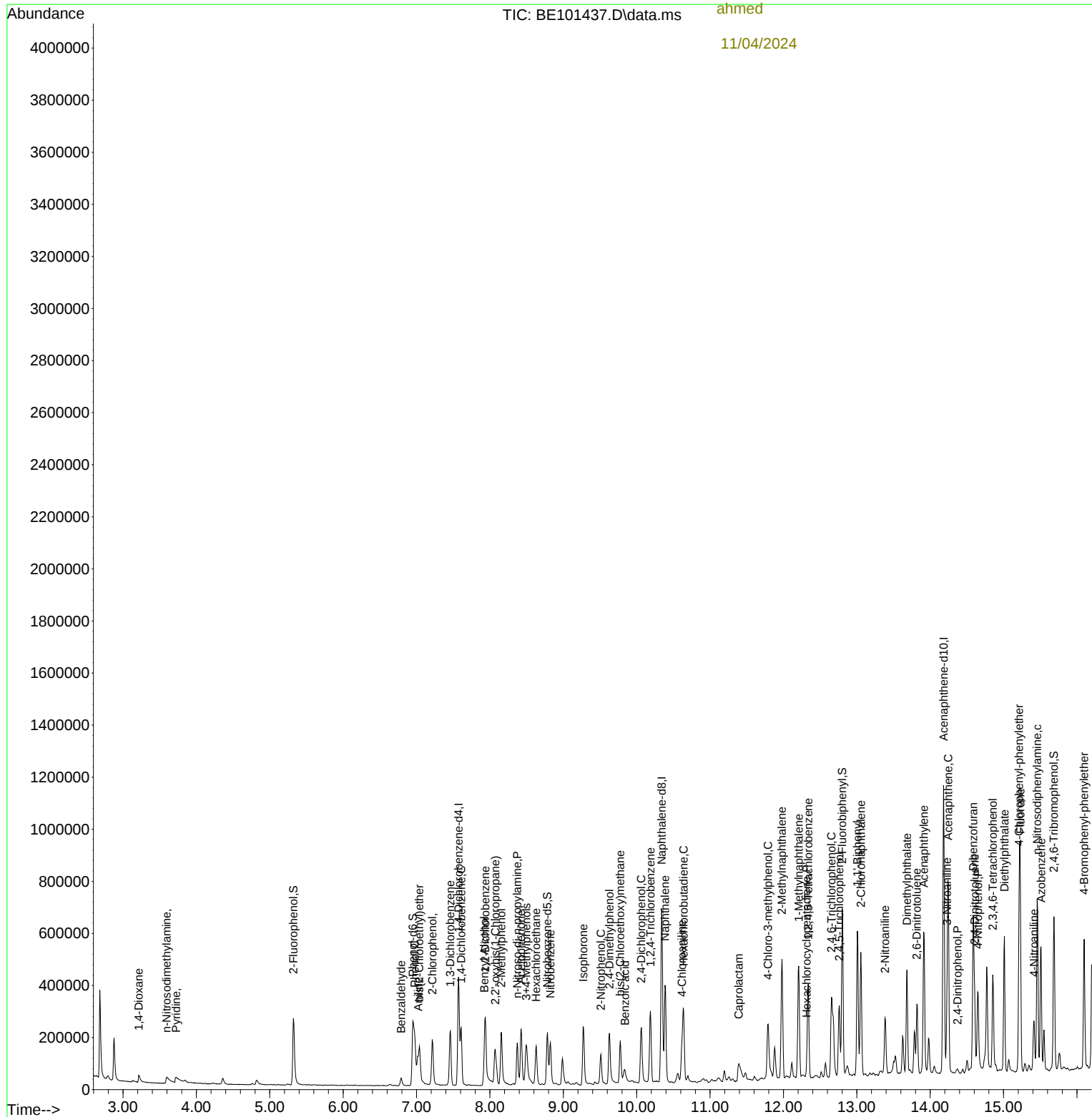
Manual Integrations
APPROVED

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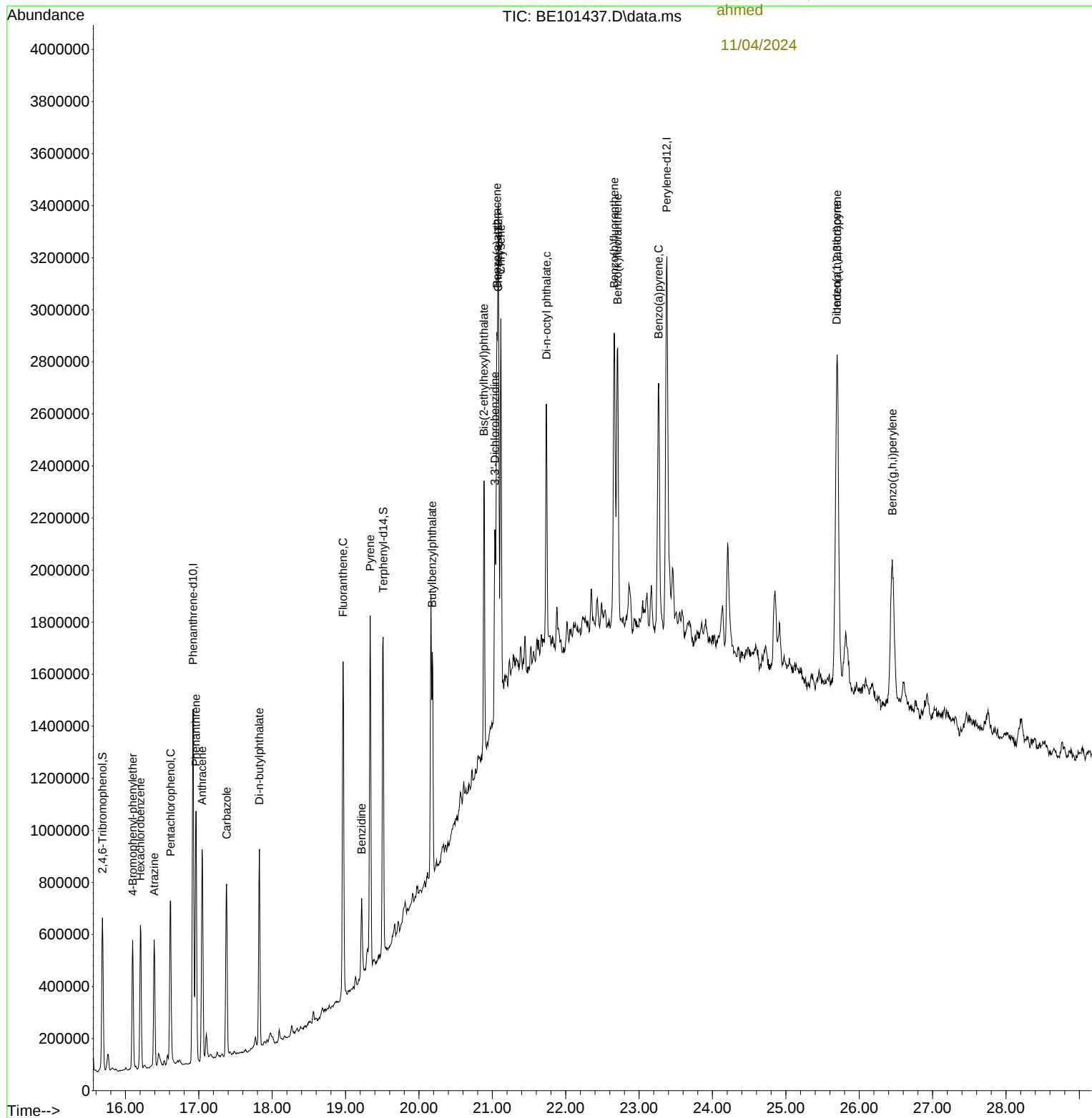
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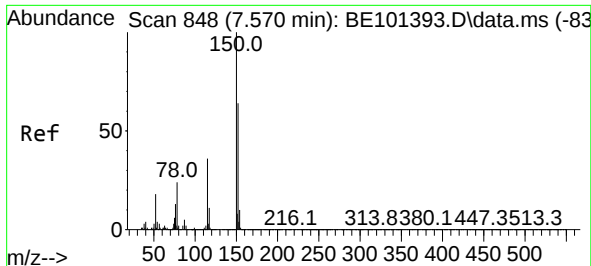
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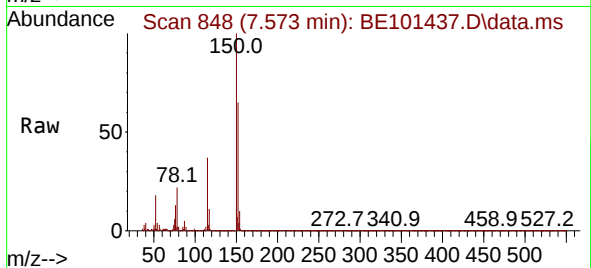
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ahmed





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.573 min Scan# 848
Delta R.T. 0.003 min
Lab File: BE101437.D
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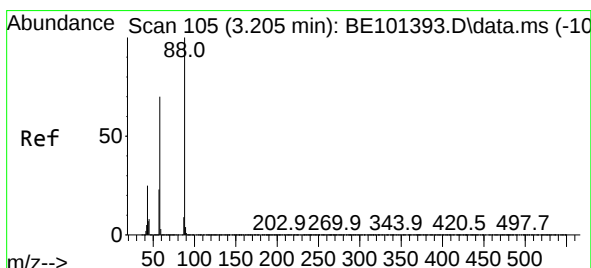
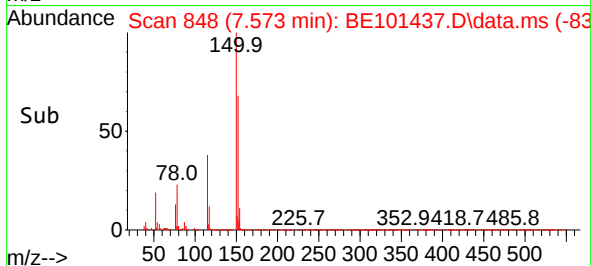
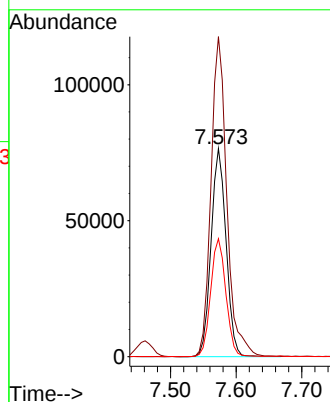
Tgt Ion:152 Resp: 12148
Ion Ratio Lower Upper
152 100
150 153.7 124.2 186.4
115 56.7 45.3 67.9

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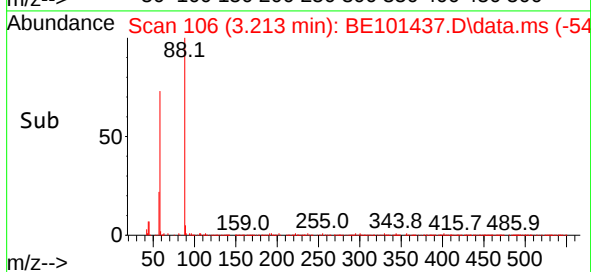
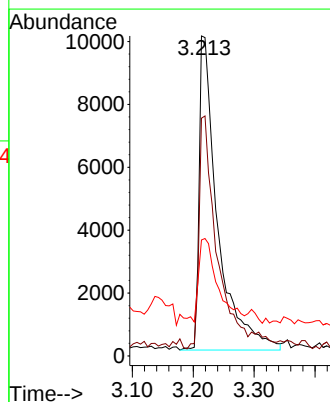
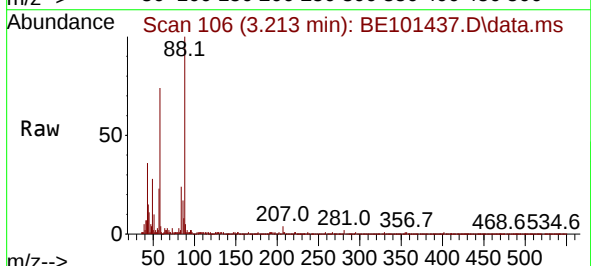
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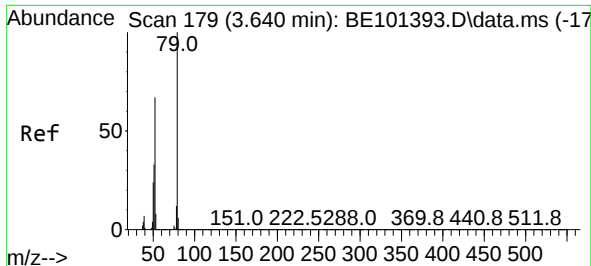
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#2
1,4-Dioxane
Concen: 8.138 ng
RT: 3.213 min Scan# 106
Delta R.T. 0.008 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

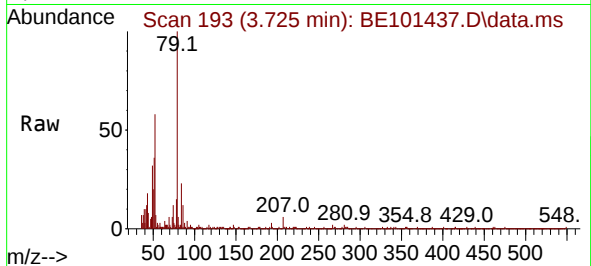
Tgt Ion: 88 Resp: 21038
Ion Ratio Lower Upper
88 100
58 69.6 56.5 84.7
43 24.2 19.8 29.8





#3
Pyridine
Concen: 5.662 ng
RT: 3.725 min Scan# 14
Delta R.T. 0.085 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

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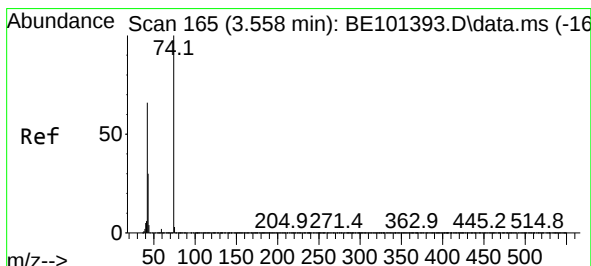
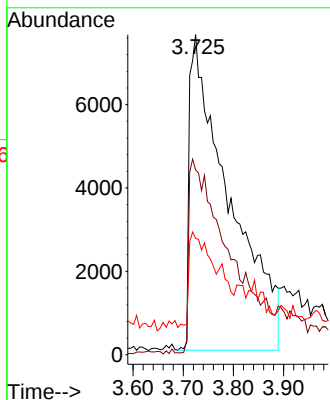
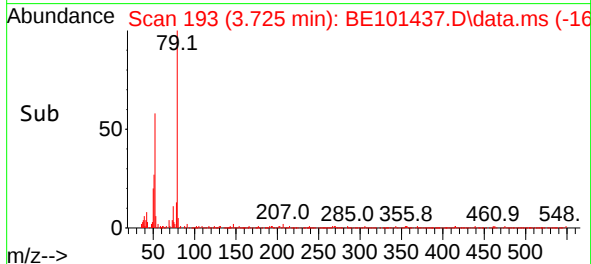
Tgt Ion: 79 Resp: 4141
Ion Ratio Lower Upper
79 100
52 57.7 53.3 79.9
51 36.4 27.3 40.9

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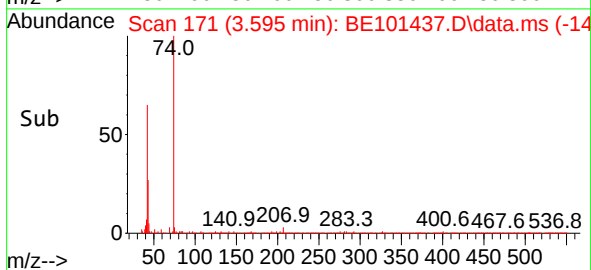
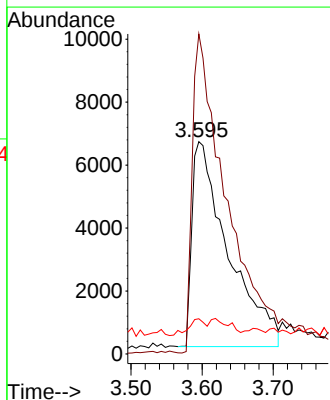
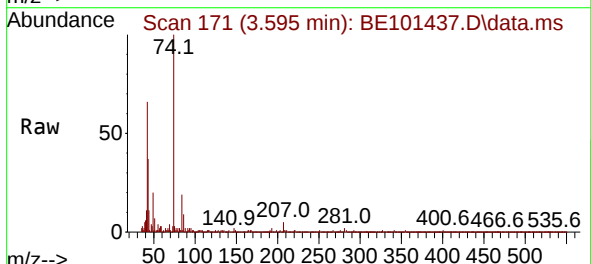
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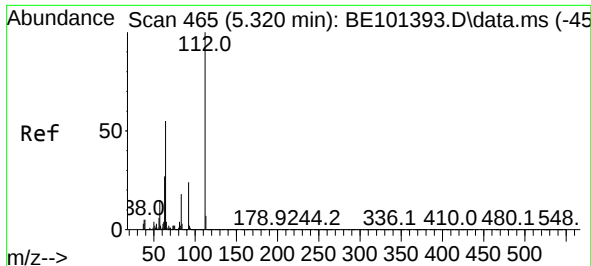
11/04/2024



#4
n-Nitrosodimethylamine
Concen: 8.134 ng
RT: 3.595 min Scan# 171
Delta R.T. 0.038 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

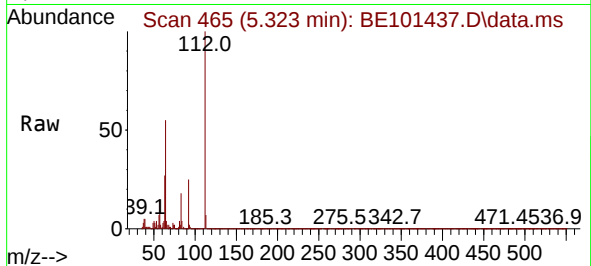
Tgt Ion: 42 Resp: 23019
Ion Ratio Lower Upper
42 100
74 150.7 121.4 182.0
44 16.6 5.6 8.4





#5
2-Fluorophenol
Concen: 21.149 ng
RT: 5.323 min Scan# 465
Delta R.T. 0.002 min
Lab File: BE101437.D
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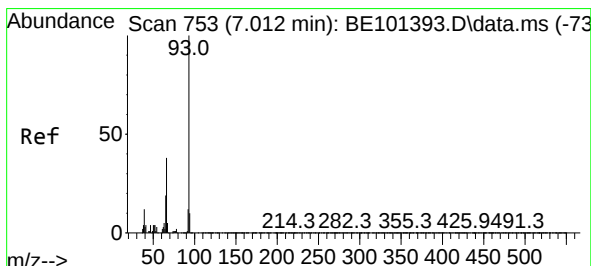
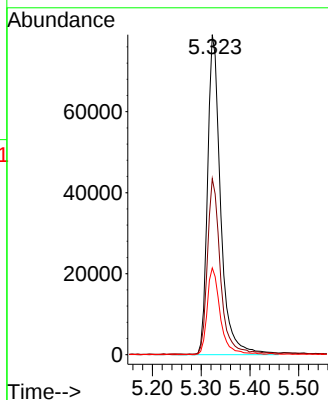
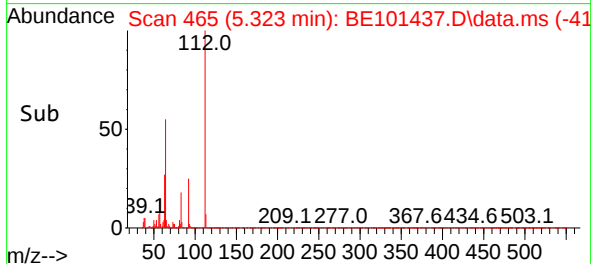
Tgt Ion: 112 Resp: 14659
Ion Ratio Lower Upper
112 100
64 55.0 43.7 65.5
63 27.1 21.4 32.2

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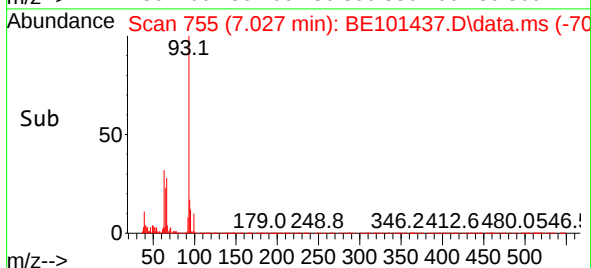
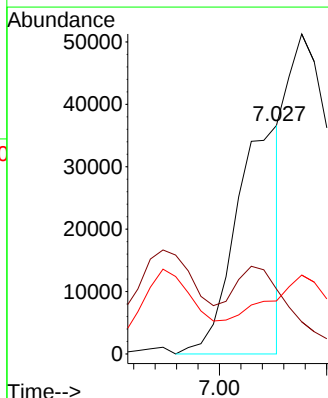
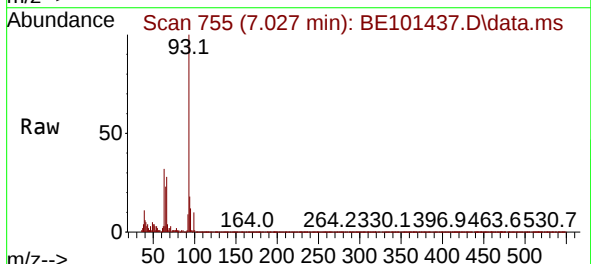
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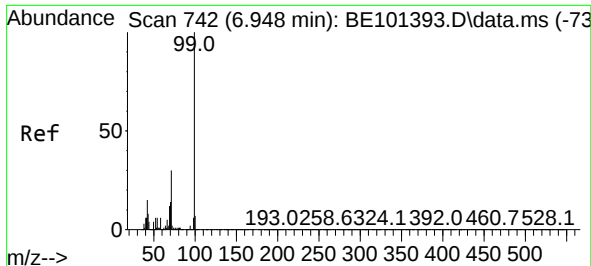
11/04/2024



#6
Aniline
Concen: 7.174 ng m
RT: 7.027 min Scan# 755
Delta R.T. 0.014 min
Lab File: BE101437.D
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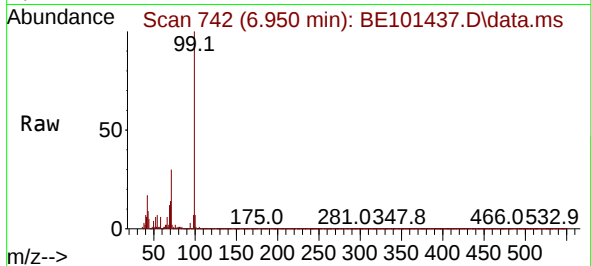
Tgt Ion: 93 Resp: 52844
Ion Ratio Lower Upper
93 100
66 28.4 31.0 46.4#
65 23.2 15.5 23.3





#7
Phenol-d6
Concen: 20.752 ng
RT: 6.950 min Scan# 742
Delta R.T. 0.003 min
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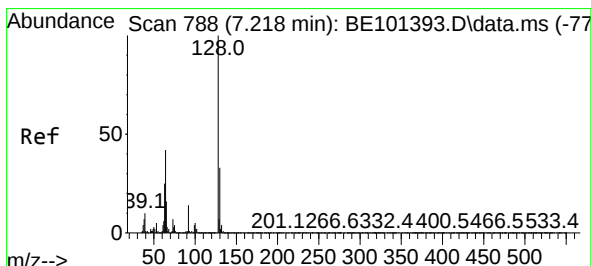
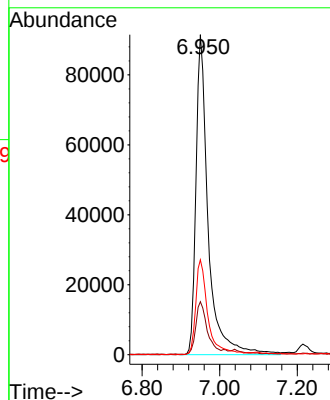
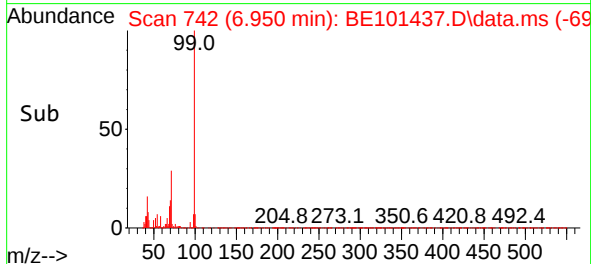
Tgt Ion: 99 Resp: 199440
Ion Ratio Lower Upper
99 100
42 16.5 12.3 18.5
71 29.6 23.8 35.8

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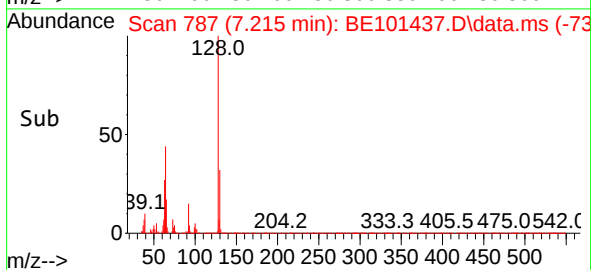
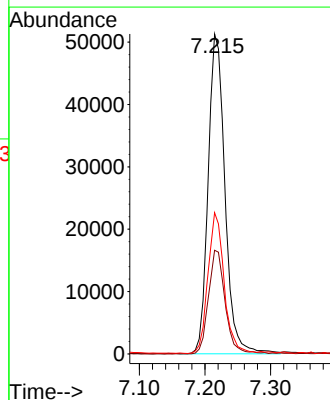
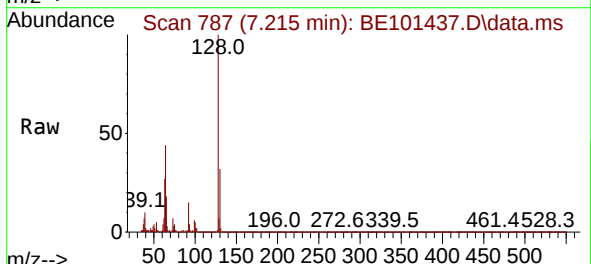
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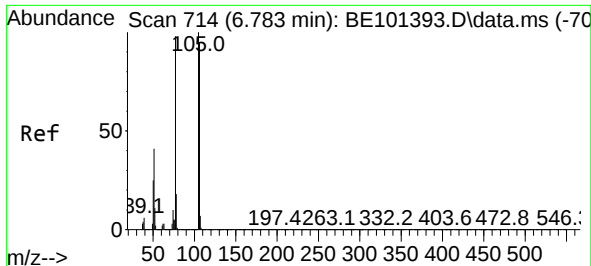
11/04/2024



#8
2-Chlorophenol
Concen: 11.008 ng
RT: 7.215 min Scan# 787
Delta R.T. -0.003 min
Lab File: BE101437.D
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Tgt Ion:128 Resp: 91511
Ion Ratio Lower Upper
128 100
130 32.4 12.9 52.9
64 44.1 22.3 62.3





#9
Benzaldehyde
Concen: 2.663 ng
RT: 6.792 min Scan# 715
Delta R.T. 0.009 min
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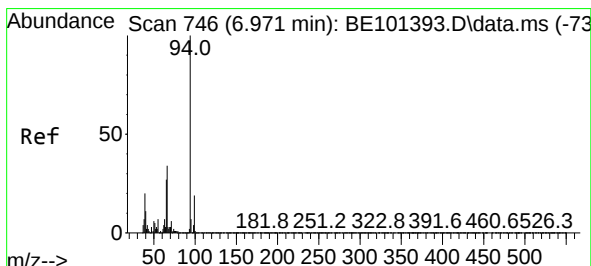
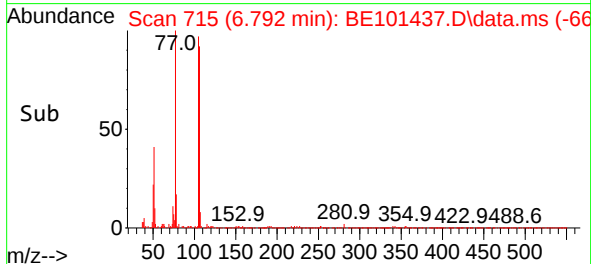
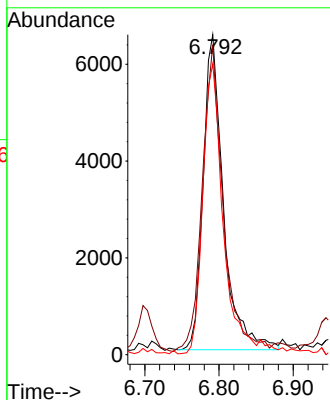
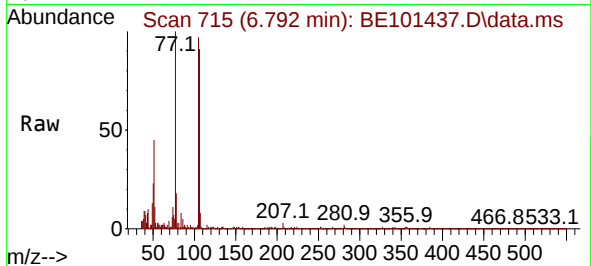
Tgt Ion: 77 Resp: 12350
Ion Ratio Lower Upper
77 100
105 96.8 81.9 121.9
106 90.9 76.5 116.5

Manual Integrations
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Reviewed By :Yogesh
Patel

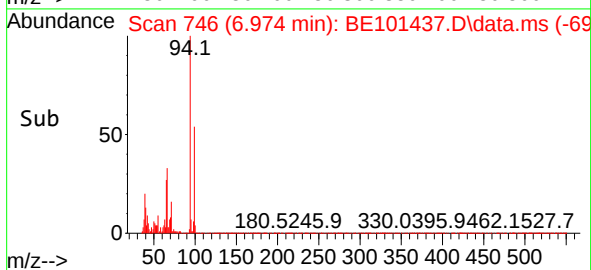
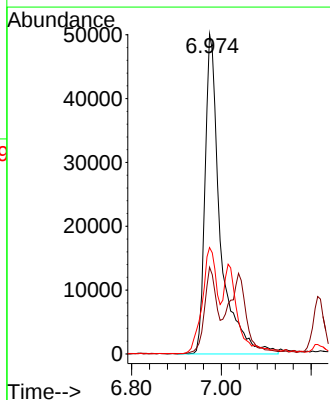
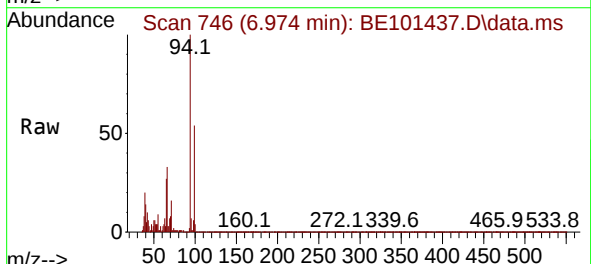
11/04/2024
Supervised By :mohammad
ahmed

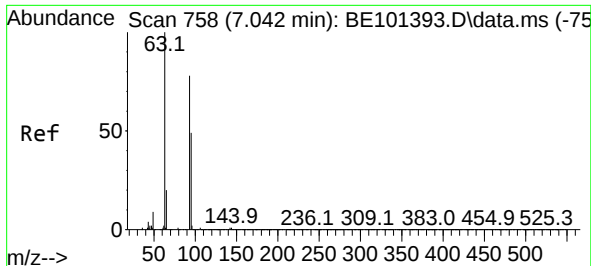
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#10
Phenol
Concen: 11.299 ng
RT: 6.974 min Scan# 746
Delta R.T. 0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

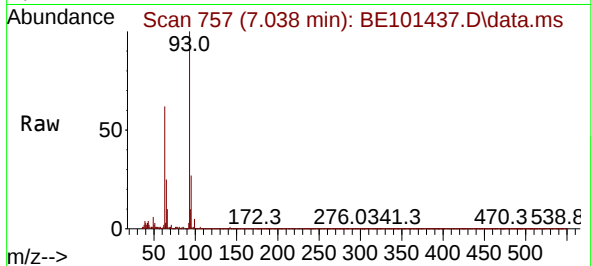
Tgt Ion: 94 Resp: 117829
Ion Ratio Lower Upper
94 100
65 27.1 6.8 46.8
66 33.2 14.0 54.0





#11
bis(2-Chloroethyl)ether
Concen: 10.550 ng m
RT: 7.038 min Scan# 758
Delta R.T. -0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

Instrument :
BNA_E
ClientSampleId :
MH-3MSD



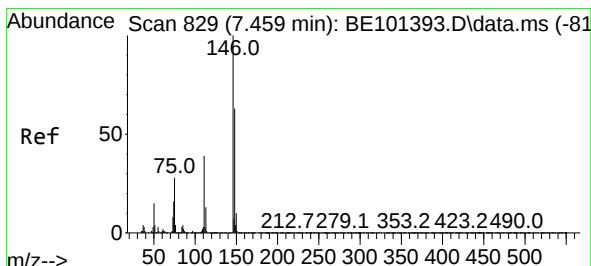
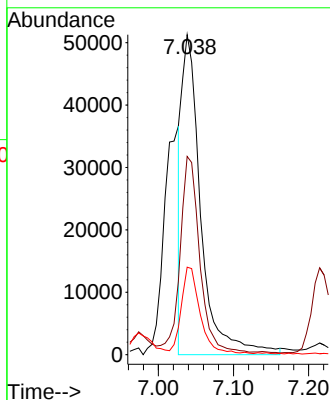
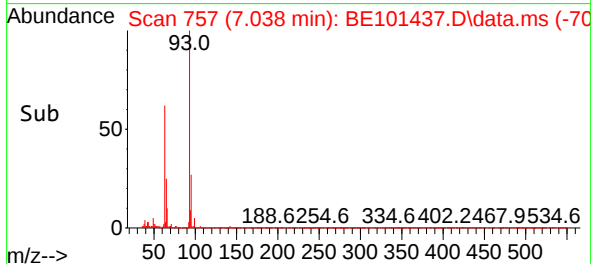
Tgt Ion: 93 Resp: 9025
Ion Ratio Lower Upper
93 100
63 61.9 46.3 86.3
95 27.4 9.6 49.6

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Reviewed By :Yogesh
Patel

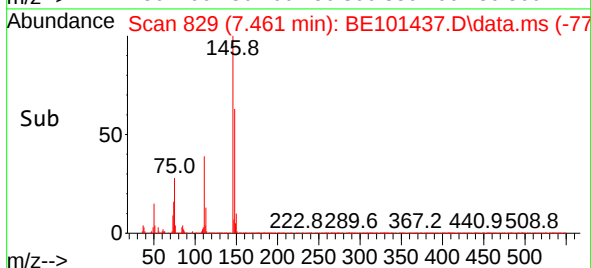
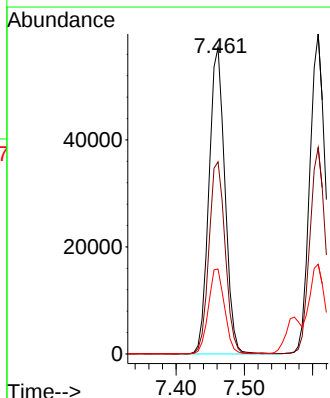
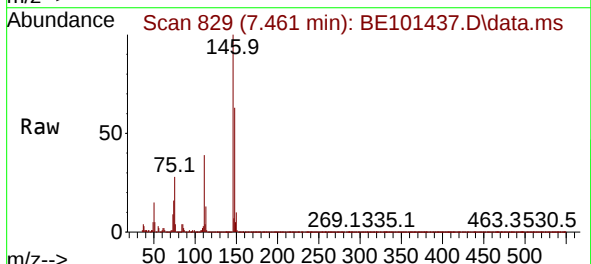
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Supervised By :mohammad
ahmed

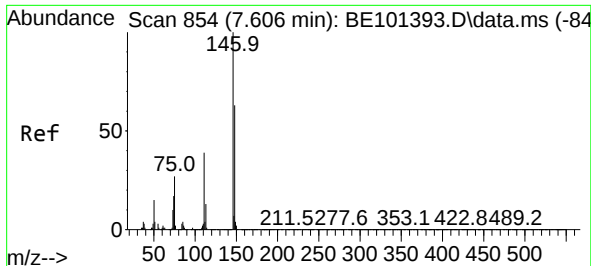
11/04/2024



#12
1,3-Dichlorobenzene
Concen: 10.417 ng
RT: 7.461 min Scan# 829
Delta R.T. 0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

Tgt Ion:146 Resp: 93381
Ion Ratio Lower Upper
146 100
148 62.7 50.5 75.7
75 27.7 22.0 33.0





#13
1,4-Dichlorobenzene
Concen: 10.388 ng
RT: 7.608 min Scan# 854
Delta R.T. 0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

Instrument :
BNA_E
ClientSampleId :
MH-3MSD

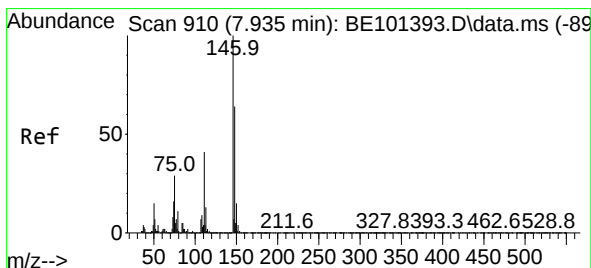
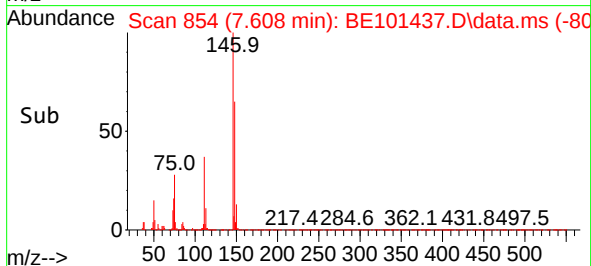
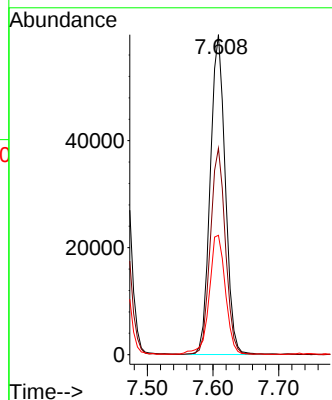
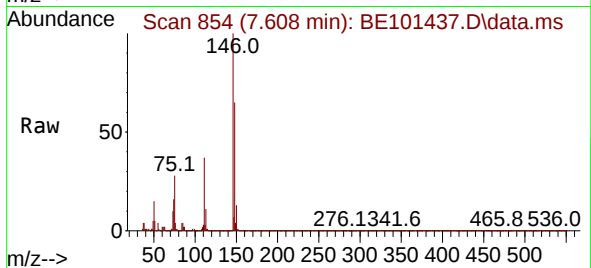
Tgt Ion:146 Resp: 95090
Ion Ratio Lower Upper
146 100
148 64.5 50.2 75.2
111 37.3 31.6 47.4

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Reviewed By :Yogesh
Patel

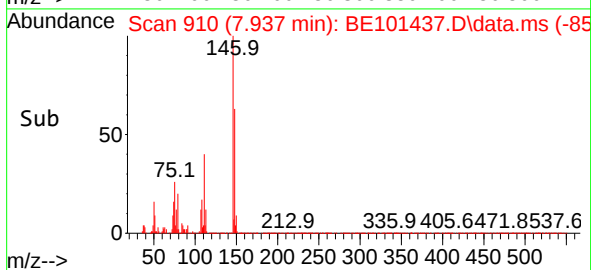
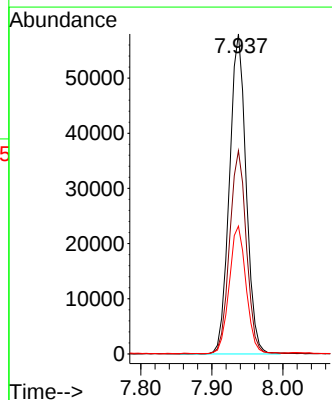
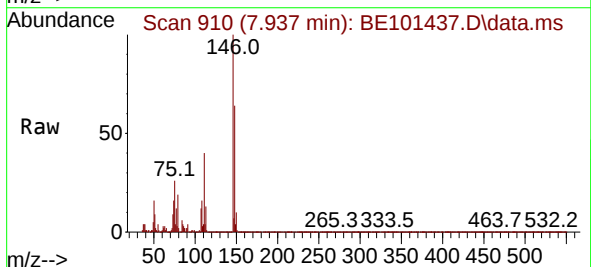
11/04/2024
Supervised By :mohammad
ahmed

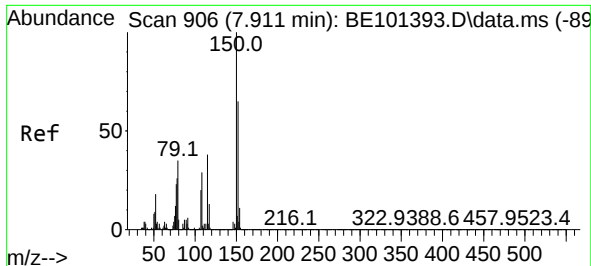
11/04/2024



#14
1,2-Dichlorobenzene
Concen: 10.548 ng
RT: 7.937 min Scan# 910
Delta R.T. 0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

Tgt Ion:146 Resp: 94512
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.2
111 40.0 32.8 49.2





#15
Benzyl Alcohol
Concen: 8.711 ng
RT: 7.926 min Scan# 906
Delta R.T. 0.014 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

Instrument :
BNA_E
ClientSampleId :
MH-3MSD

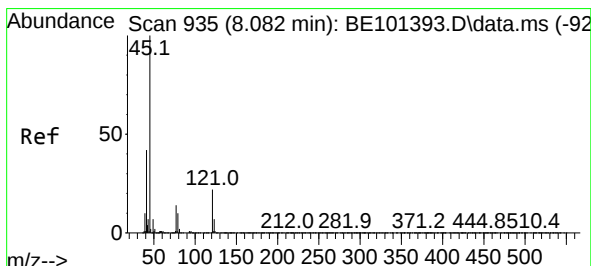
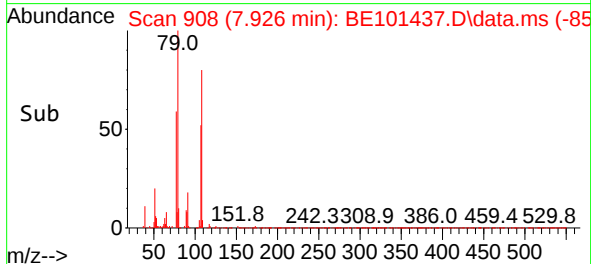
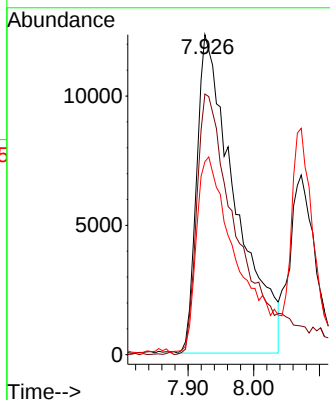
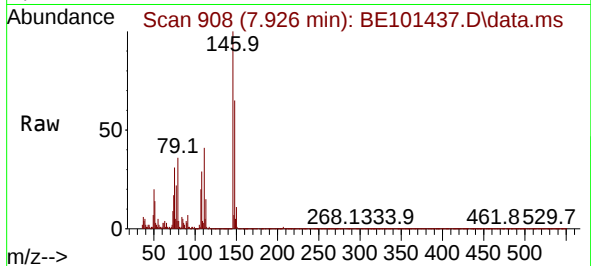
Tgt Ion: 79 Resp: 4990
Ion Ratio Lower Upper
79 100
108 81.5 66.1 99.1
77 60.3 53.1 79.7

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Patel

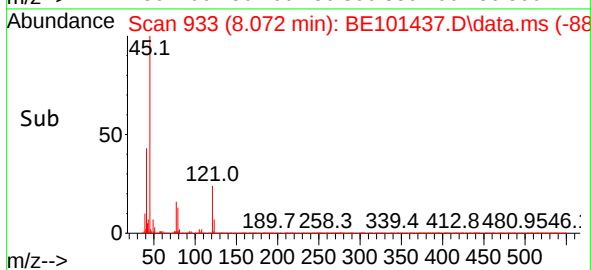
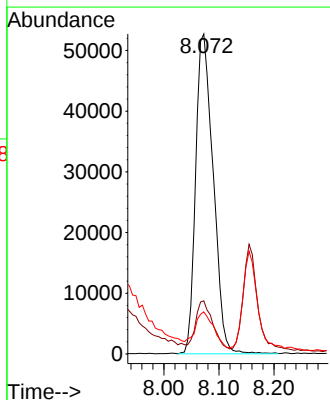
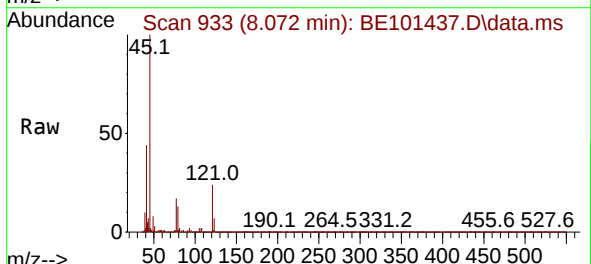
11/04/2024
Supervised By :mohammad
ahmed

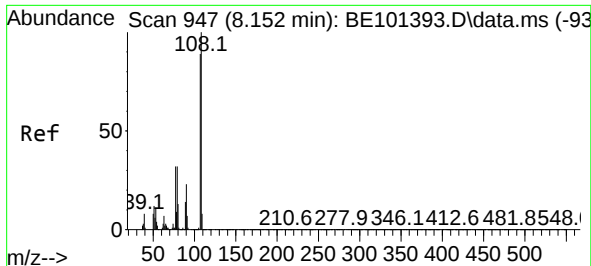
11/04/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.832 ng
RT: 8.072 min Scan# 933
Delta R.T. -0.009 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

Tgt Ion: 45 Resp: 116619
Ion Ratio Lower Upper
45 100
77 16.6 0.0 34.5
79 13.2 0.0 31.8





#17
2-Methylphenol
Concen: 10.482 ng
RT: 8.155 min Scan# 947
Delta R.T. 0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

Instrument :
BNA_E
ClientSampleId :
MH-3MSD

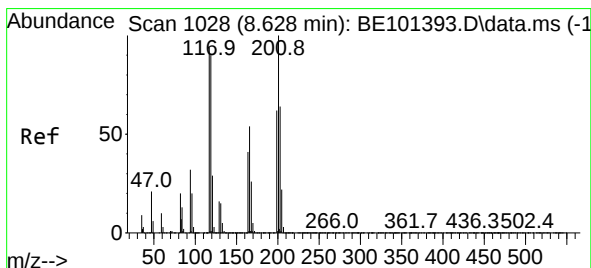
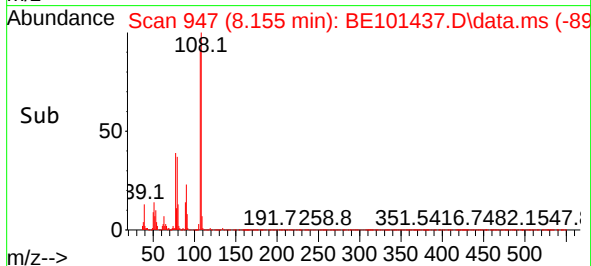
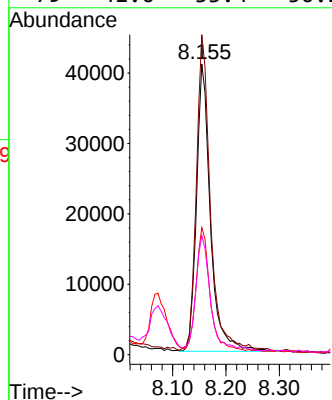
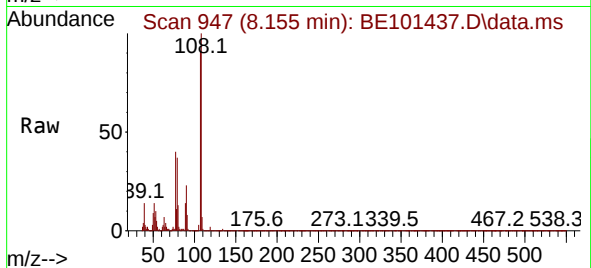
Tgt Ion:	107	Resp:	73979
Ion	Ratio	Lower	Upper
107	100		
108	110.1	90.0	135.0
77	43.7	34.2	51.4
79	41.0	33.4	50.2

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Patel

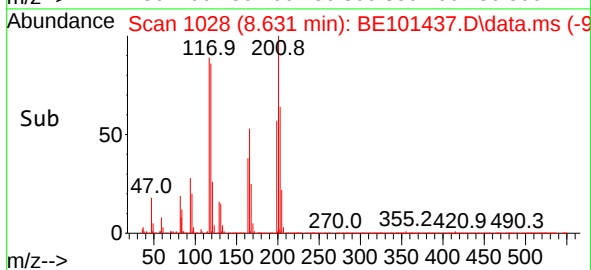
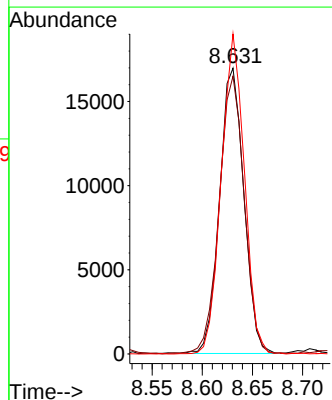
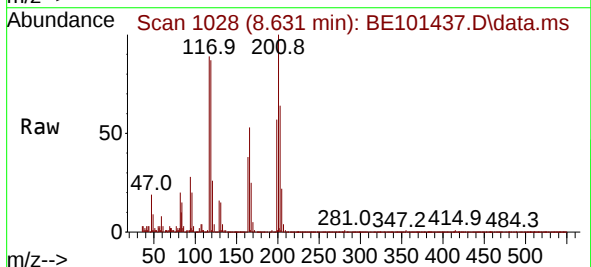
11/04/2024
Supervised By :mohammad
ahmed

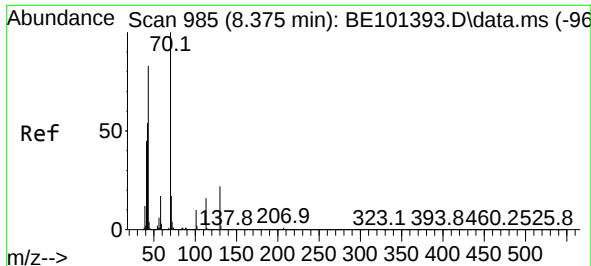
11/04/2024



#18
Hexachloroethane
Concen: 9.509 ng
RT: 8.631 min Scan# 1028
Delta R.T. 0.002 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

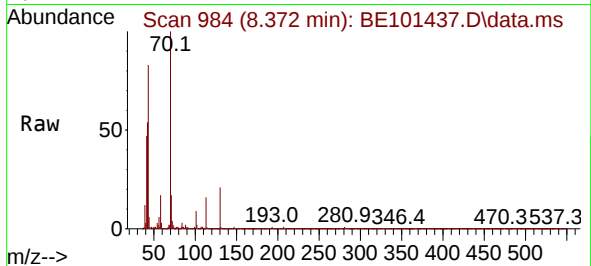
Tgt Ion:	117	Resp:	28428
Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.0	115.4
201	114.0	85.3	127.9





#19
n-Nitroso-di-n-propylamine
Concen: 9.723 ng
RT: 8.372 min Scan# 985
Delta R.T. -0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

Instrument :
BNA_E
ClientSampleId :
MH-3MSD



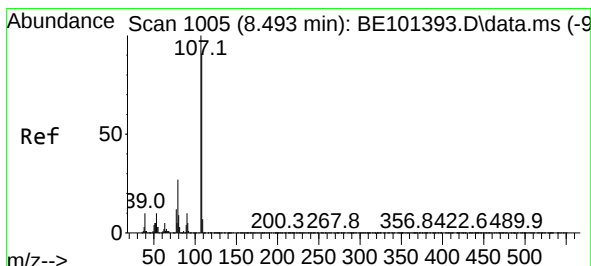
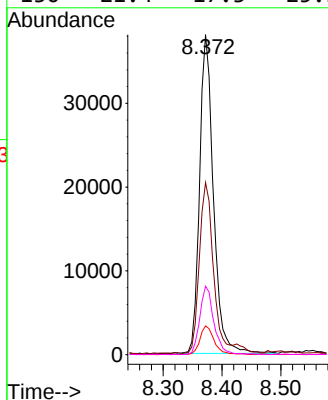
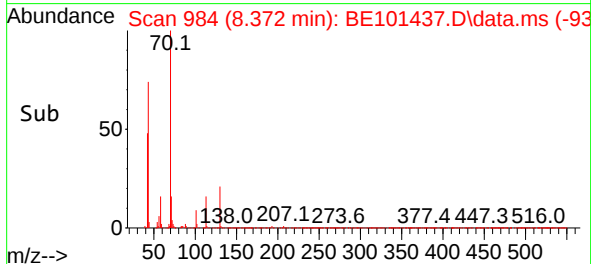
Tgt Ion: 70 Resp: 62008
Ion Ratio Lower Upper
70 100
42 53.8 43.4 65.0
101 9.0 8.1 12.1
130 21.4 17.3 25.9

Manual Integrations
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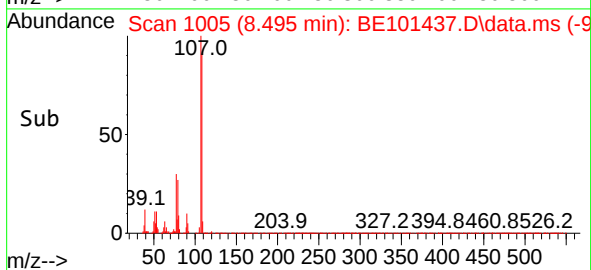
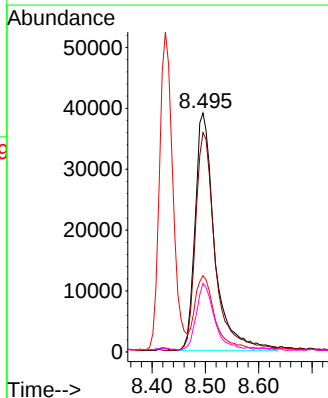
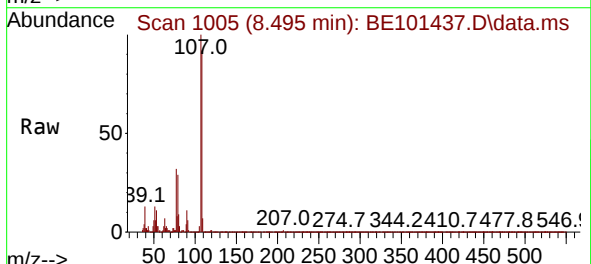
11/04/2024
Supervised By :mohammad
ahmed

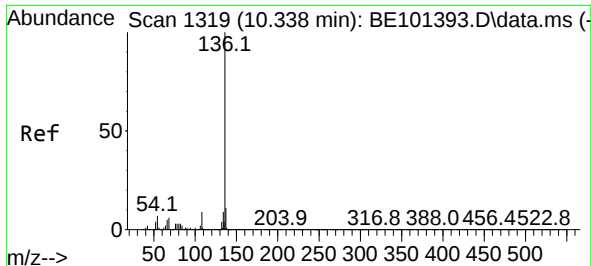
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#20
3+4-Methylphenols
Concen: 10.229 ng
RT: 8.495 min Scan# 1005
Delta R.T. 0.002 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

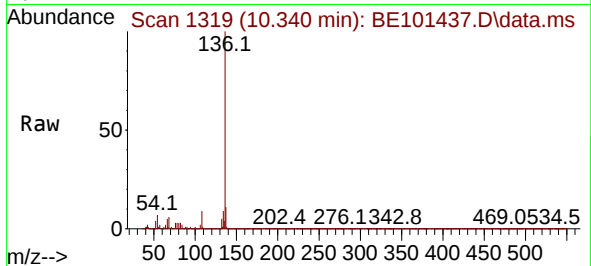
Tgt Ion:107 Resp: 99652
Ion Ratio Lower Upper
107 100
108 91.8 70.6 110.6
77 32.0 11.3 51.3
79 28.7 7.3 47.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.340 min Scan# 1319
Delta R.T. 0.002 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

Instrument :
BNA_E
ClientSampleId :
MH-3MSD



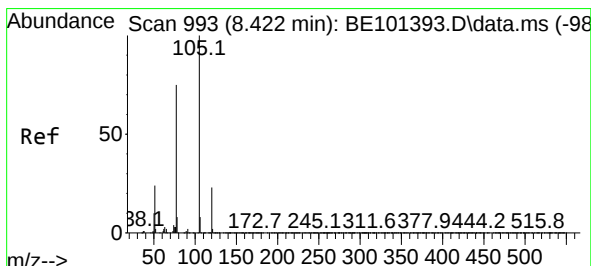
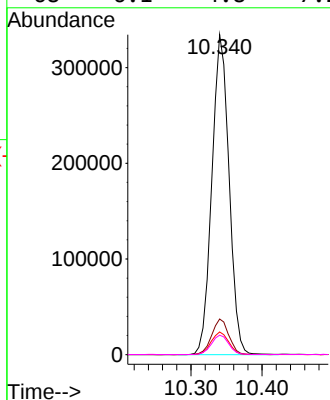
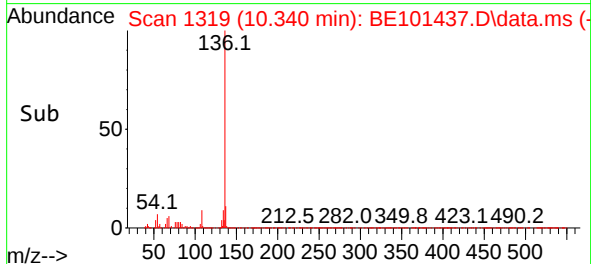
Tgt Ion:	136	Resp:	55961
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.6
54	7.1	5.9	8.9
68	6.1	4.8	7.2

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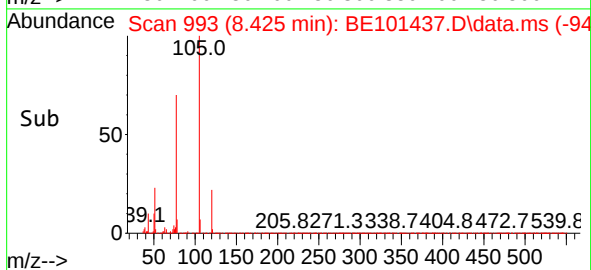
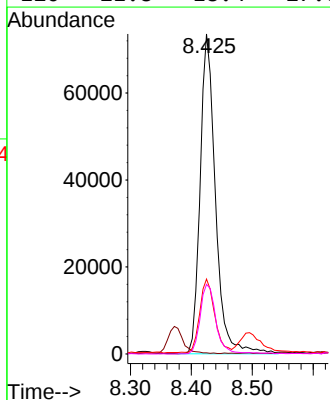
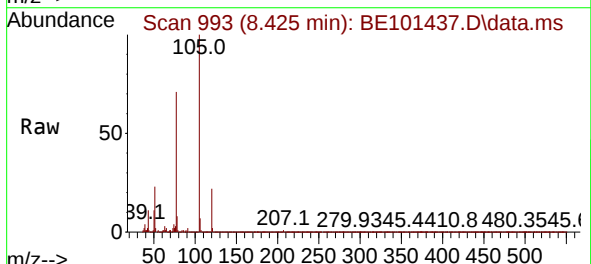
11/04/2024
Supervised By :mohammad
ahmed

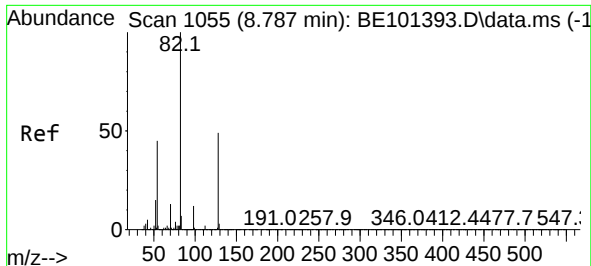
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#22
Acetophenone
Concen: 10.115 ng
RT: 8.425 min Scan# 993
Delta R.T. 0.002 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

Tgt Ion:	105	Resp:	128530
Ion Ratio	Lower	Upper	
105	100		
71	0.4	0.1	0.1#
51	23.4	19.4	29.0
120	21.8	18.4	27.6





#23
Nitrobenzene-d5
Concen: 13.392 ng
RT: 8.783 min Scan# 1055
Delta R.T. -0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

Instrument :
BNA_E
ClientSampleId :
MH-3MSD

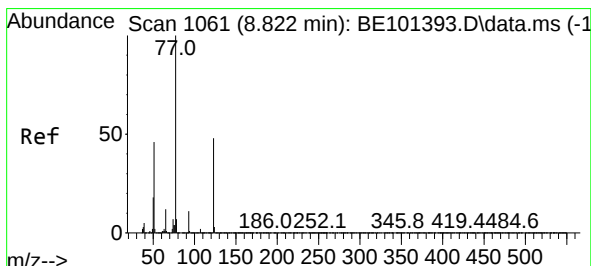
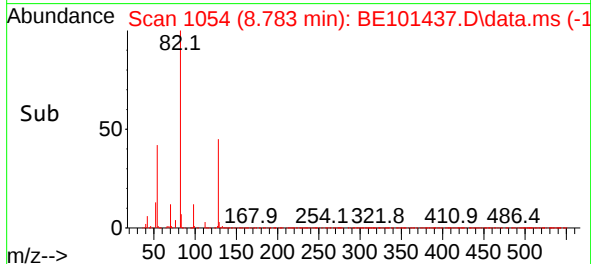
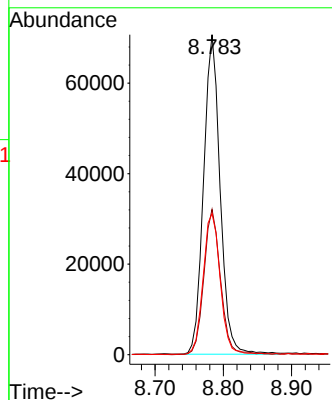
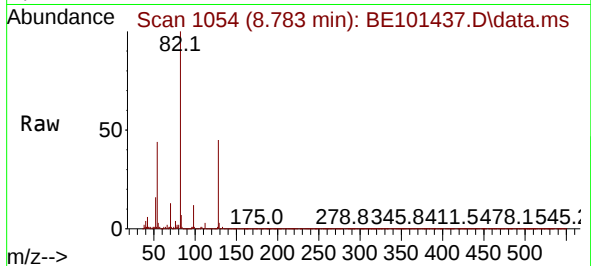
Tgt Ion: 82 Resp: 11932
Ion Ratio Lower Upper
82 100
128 45.4 38.9 58.3
54 44.1 36.2 54.4

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Reviewed By :Yogesh
Patel

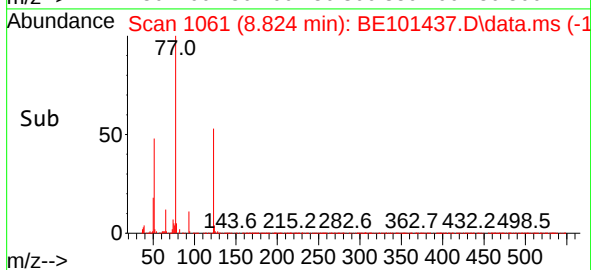
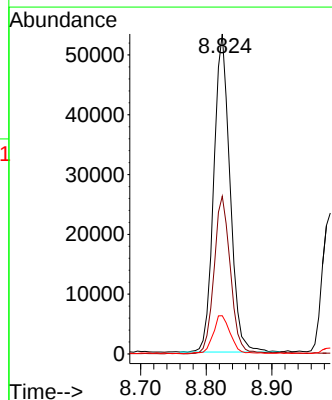
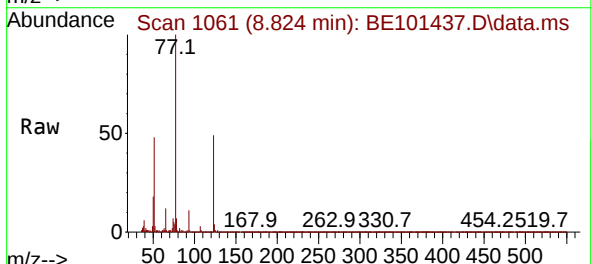
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Supervised By :mohammad
ahmed

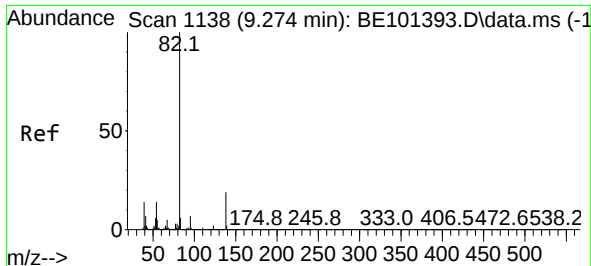
11/04/2024



#24
Nitrobenzene
Concen: 9.608 ng
RT: 8.824 min Scan# 1061
Delta R.T. 0.002 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

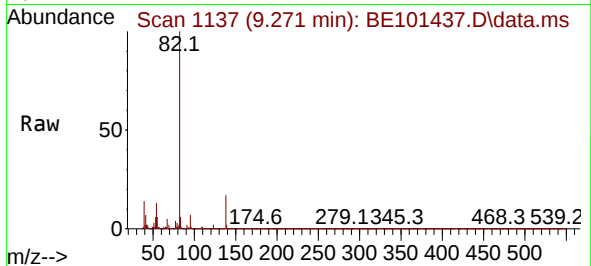
Tgt Ion: 77 Resp: 91117
Ion Ratio Lower Upper
77 100
123 49.3 38.7 58.1
65 11.9 10.0 15.0





#25
Isophorone
Concen: 10.044 ng
RT: 9.271 min Scan# 1138
Delta R.T. -0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

Instrument :
BNA_E
ClientSampleId :
MH-3MSD



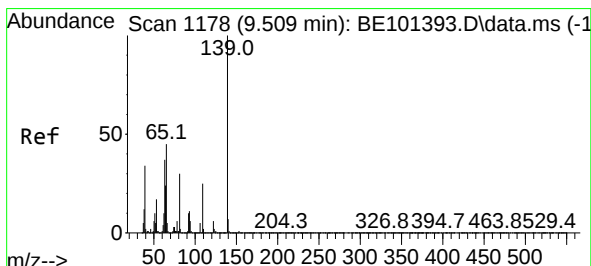
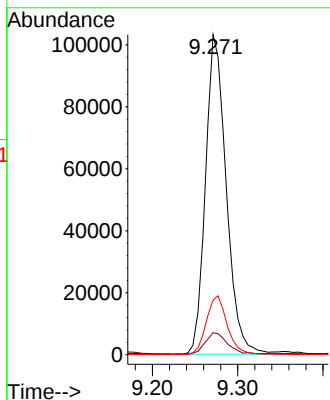
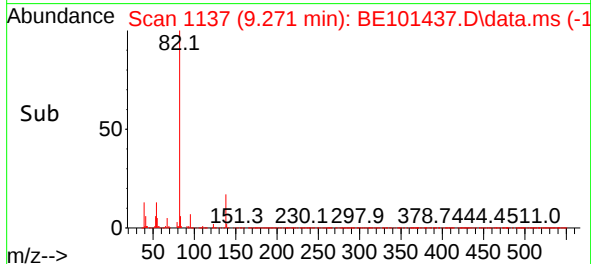
Tgt Ion: 82 Resp: 174638
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.1 15.0 22.4

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Reviewed By :Yogesh
Patel

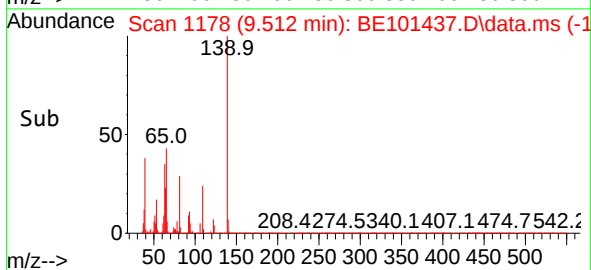
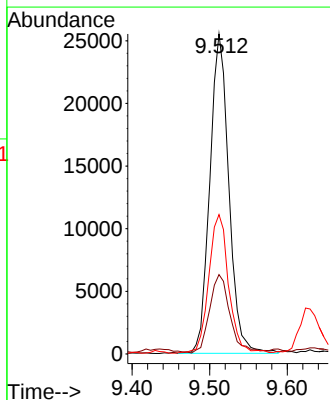
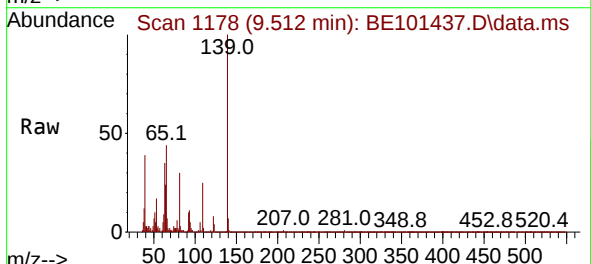
11/04/2024
Supervised By :mohammad
ahmed

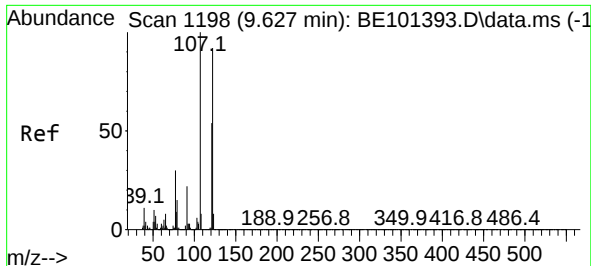
11/04/2024



#26
2-Nitrophenol
Concen: 9.469 ng
RT: 9.512 min Scan# 1178
Delta R.T. 0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

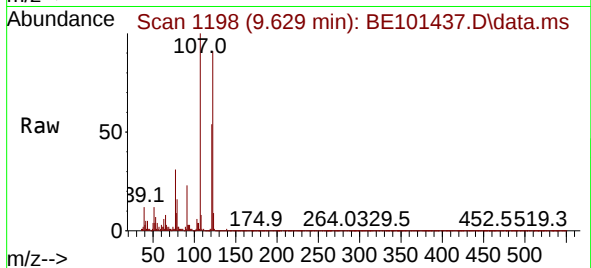
Tgt Ion:139 Resp: 43399
Ion Ratio Lower Upper
139 100
109 24.8 20.1 30.1
65 43.5 36.0 54.0





#27
2,4-Dimethylphenol
Concen: 13.150 ng
RT: 9.629 min Scan# 1198
Delta R.T. 0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

Instrument :
BNA_E
ClientSampleId :
MH-3MSD



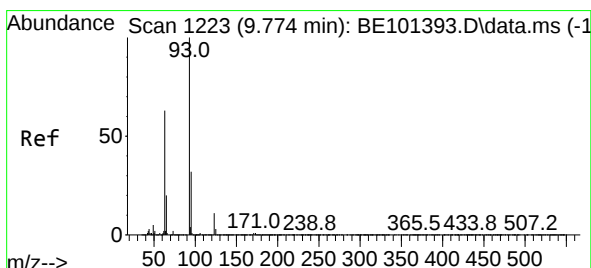
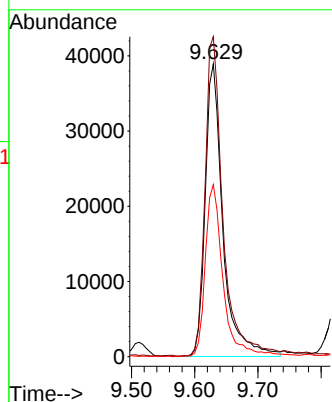
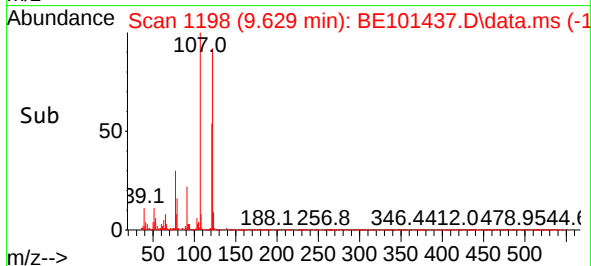
Tgt Ion: 122 Resp: 7584
Ion Ratio Lower Upper
122 100
107 109.3 87.4 131.0
121 58.7 47.4 71.0

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Reviewed By :Yogesh
Patel

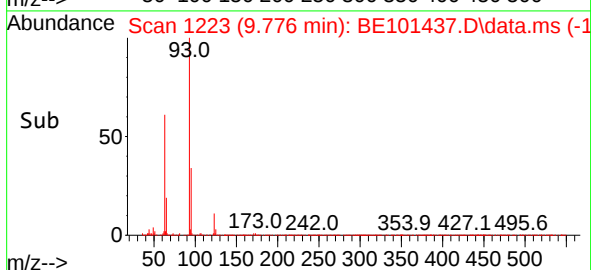
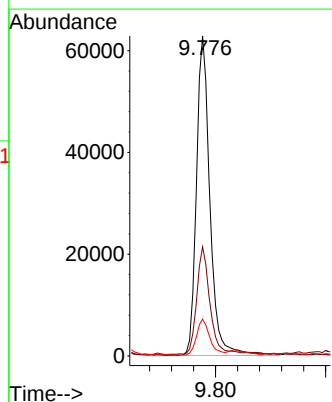
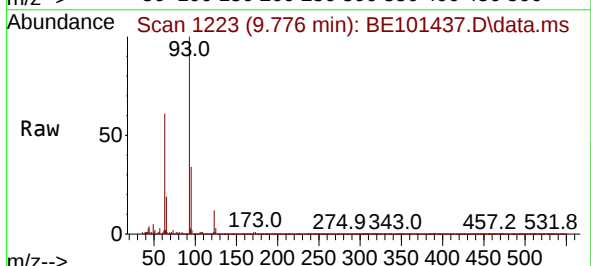
11/04/2024
Supervised By :mohammad
ahmed

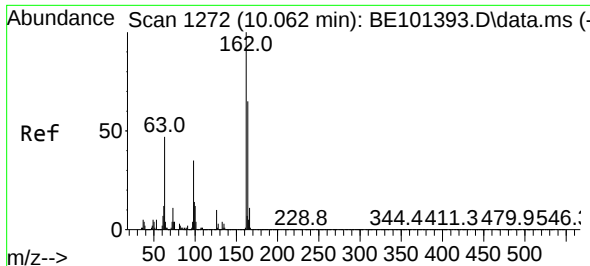
11/04/2024



#28
bis(2-Chloroethoxy)methane
Concen: 10.121 ng
RT: 9.776 min Scan# 1223
Delta R.T. 0.002 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

Tgt Ion: 93 Resp: 106712
Ion Ratio Lower Upper
93 100
95 34.1 25.8 38.6
123 11.6 8.6 13.0





#29
2,4-Dichlorophenol
Concen: 11.457 ng
RT: 10.064 min Scan# 1272
Delta R.T. 0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

Instrument :
BNA_E
ClientSampleId :
MH-3MSD

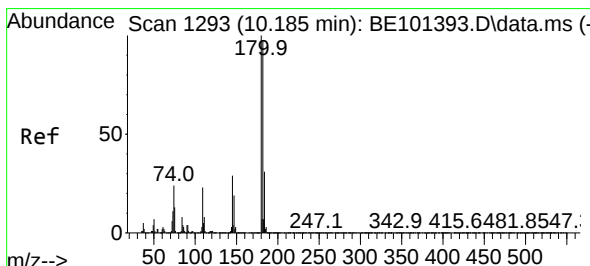
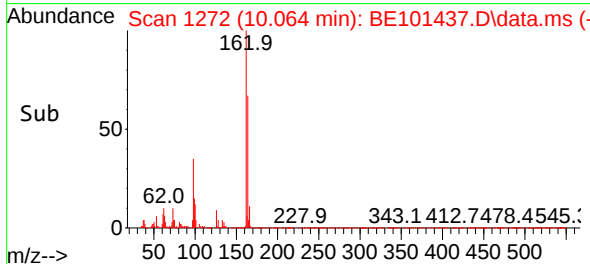
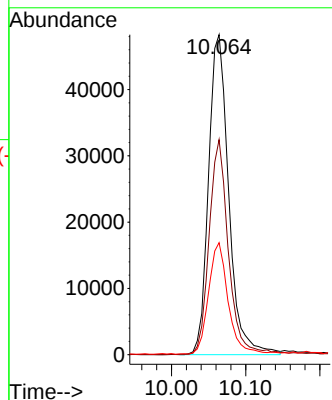
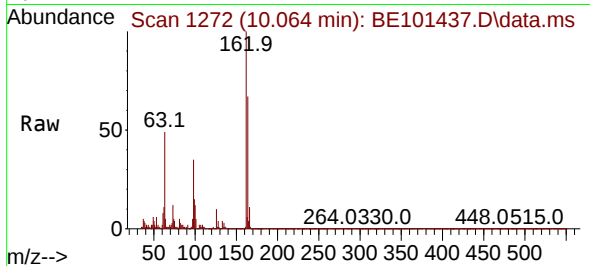
Tgt Ion:162 Resp: 9141
Ion Ratio Lower Upper
162 100
164 67.2 45.4 85.4
98 35.0 14.5 54.5

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Reviewed By :Yogesh
Patel

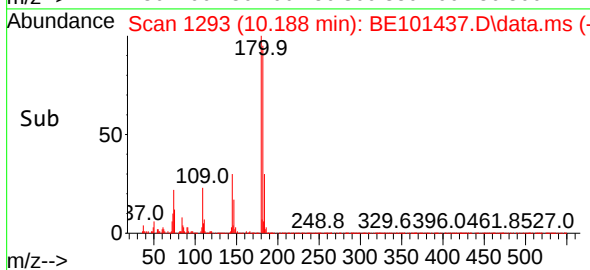
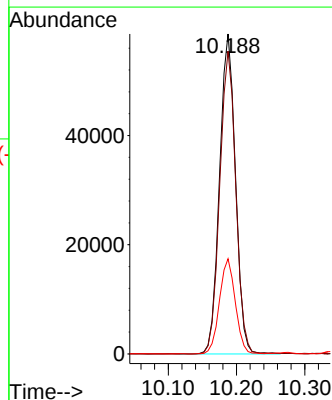
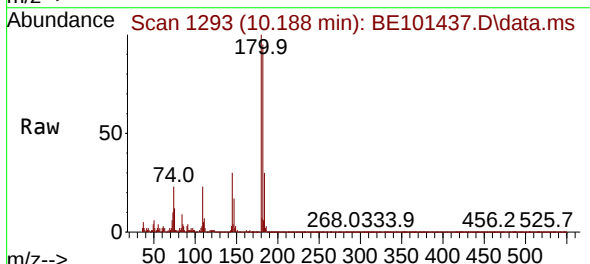
11/04/2024
Supervised By :mohammad
ahmed

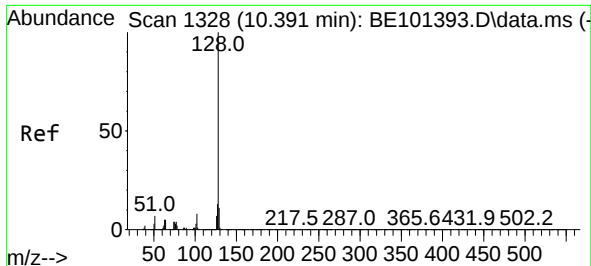
11/04/2024



#30
1,2,4-Trichlorobenzene
Concen: 10.957 ng
RT: 10.188 min Scan# 1293
Delta R.T. 0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

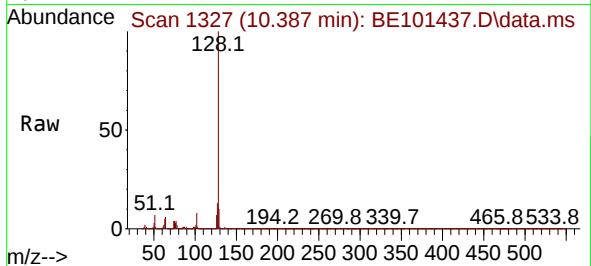
Tgt Ion:180 Resp: 95240
Ion Ratio Lower Upper
180 100
182 94.6 77.4 116.0
145 29.8 23.3 34.9





#31
Naphthalene
Concen: 11.199 ng
RT: 10.387 min Scan# 11
Delta R.T. -0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

Instrument :
BNA_E
ClientSampleId :
MH-3MSD



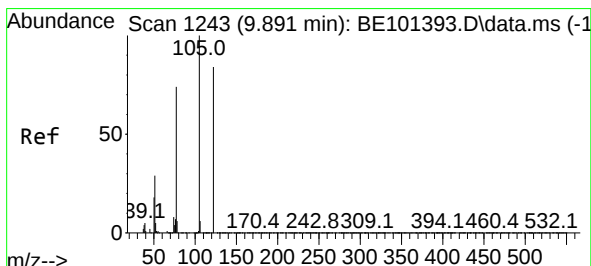
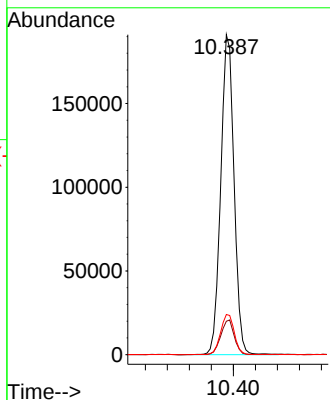
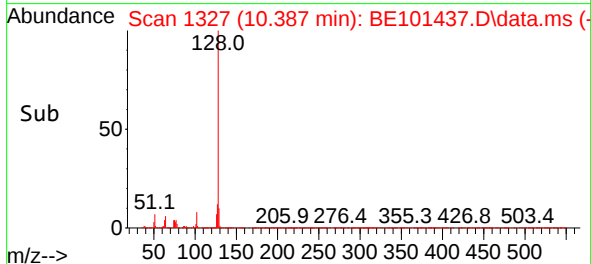
Tgt Ion:128 Resp: 319374
Ion Ratio Lower Upper
128 100
129 10.4 8.8 13.2
127 12.5 10.3 15.5

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Patel

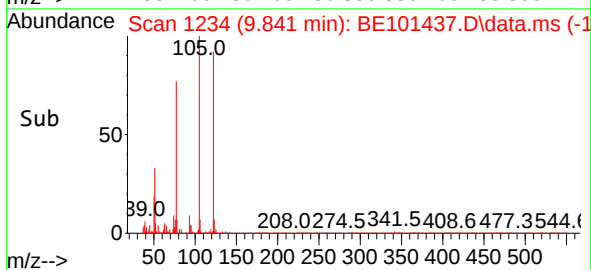
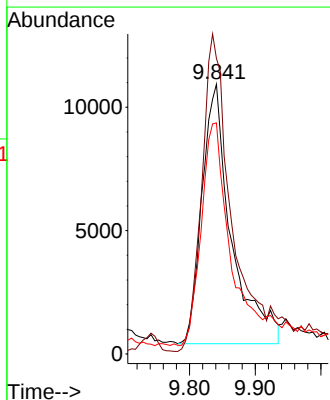
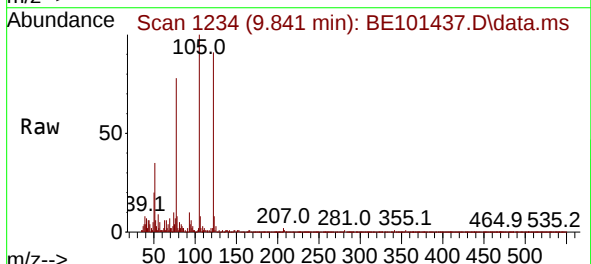
11/04/2024
Supervised By :mohammad
ahmed

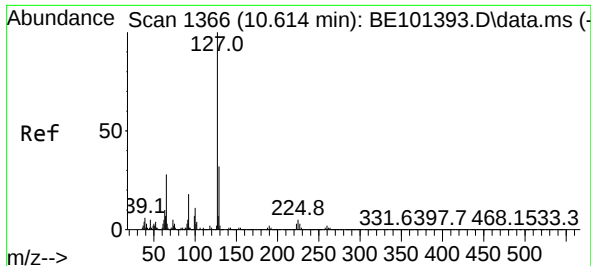
11/04/2024



#32
Benzoic acid
Concen: 12.775 ng
RT: 9.841 min Scan# 1234
Delta R.T. -0.050 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

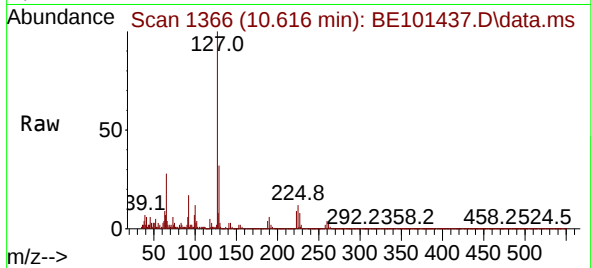
Tgt Ion:122 Resp: 32638
Ion Ratio Lower Upper
122 100
105 109.6 97.9 137.9
77 85.6 68.1 108.1





#33
4-Chloroaniline
Concen: 8.127 ng
RT: 10.616 min Scan# 1366
Delta R.T. 0.002 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

Instrument :
BNA_E
ClientSampleId :
MH-3MSD



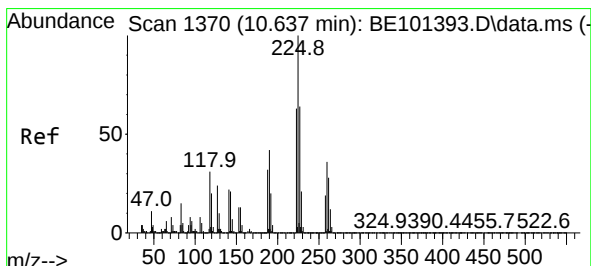
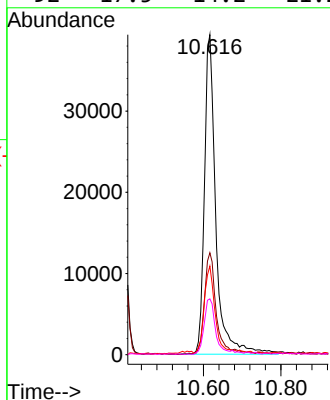
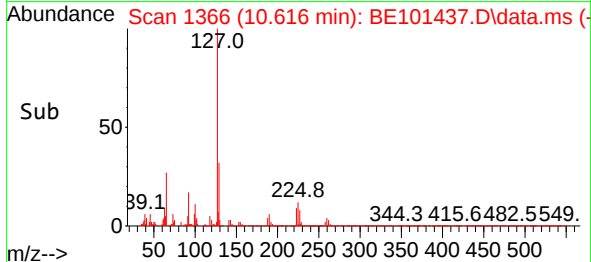
Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.7	38.5
65	27.7	22.2	33.4
92	17.5	14.2	21.2

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Reviewed By :Yogesh
Patel

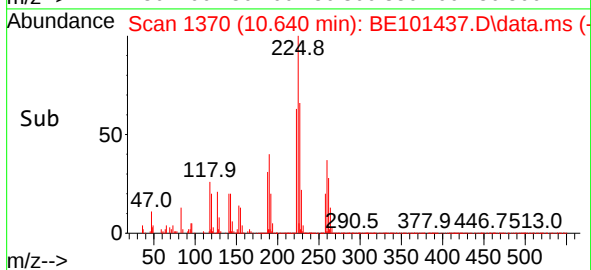
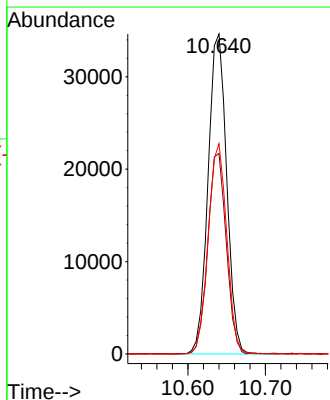
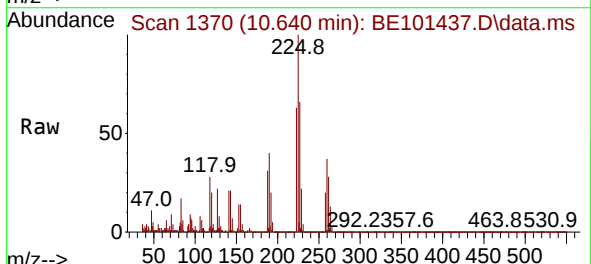
11/04/2024
Supervised By :mohammad
ahmed

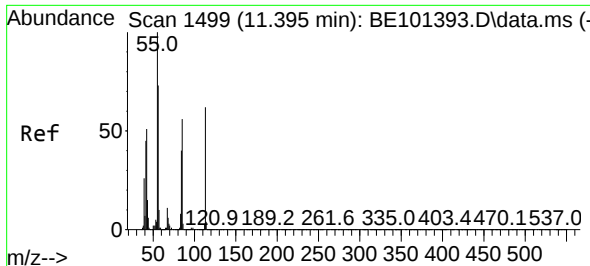
11/04/2024



#34
Hexachlorobutadiene
Concen: 11.217 ng
RT: 10.640 min Scan# 1370
Delta R.T. 0.002 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

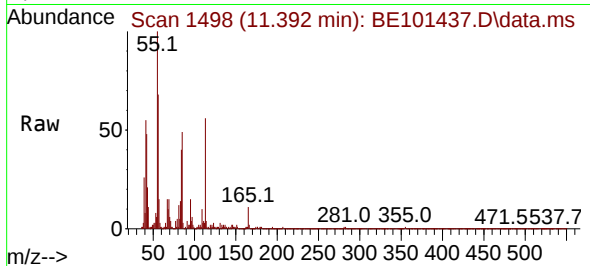
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.5	75.7
227	65.7	51.0	76.6





#35
Caprolactam
Concen: 8.246 ng
RT: 11.392 min Scan# 1499
Delta R.T. -0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

Instrument :
BNA_E
ClientSampleId :
MH-3MSD



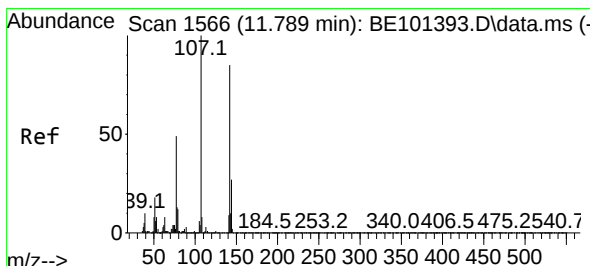
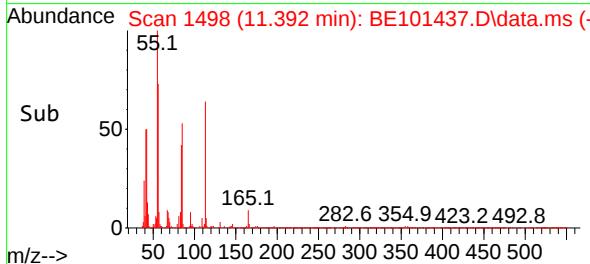
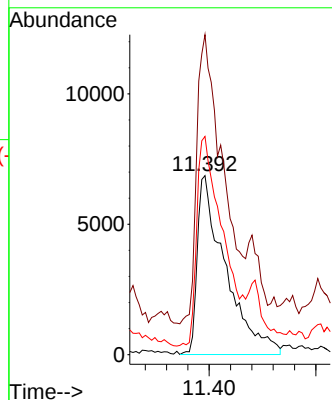
Tgt Ion:113 Resp: 2522
Ion Ratio Lower Upper
113 100
55 178.7 141.2 181.2
56 121.8 96.9 136.9

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Reviewed By :Yogesh
Patel

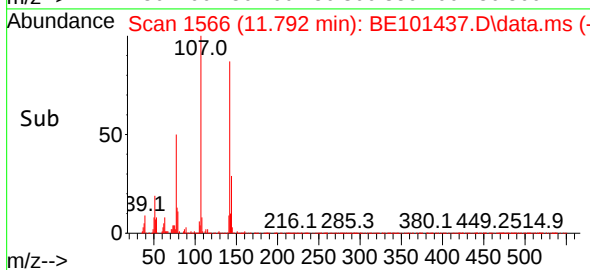
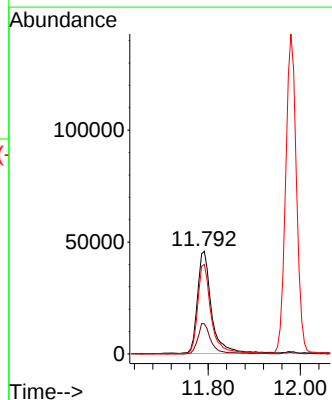
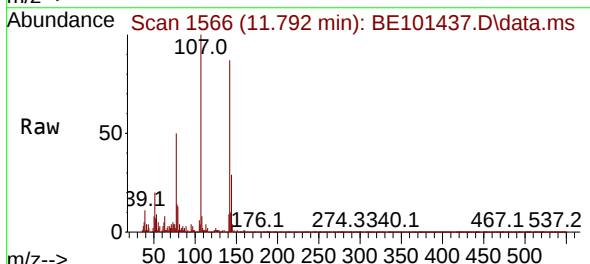
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Supervised By :mohammad
ahmed

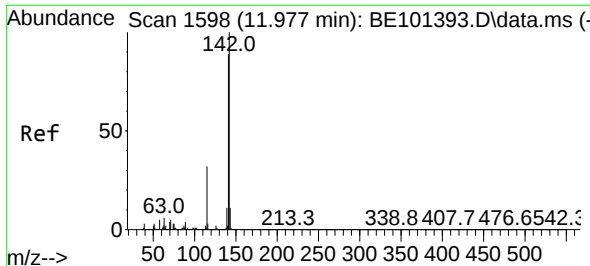
11/04/2024



#36
4-Chloro-3-methylphenol
Concen: 10.648 ng
RT: 11.792 min Scan# 1566
Delta R.T. 0.002 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

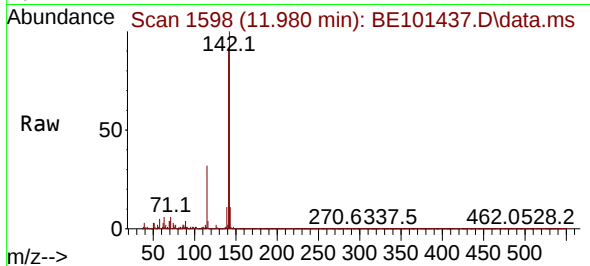
Tgt Ion:107 Resp: 96736
Ion Ratio Lower Upper
107 100
144 29.4 21.9 32.9
142 87.0 68.0 102.0





#37
2-Methylnaphthalene
Concen: 11.348 ng
RT: 11.980 min Scan# 1598
Delta R.T. 0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

Instrument :
BNA_E
ClientSampleId :
MH-3MSD



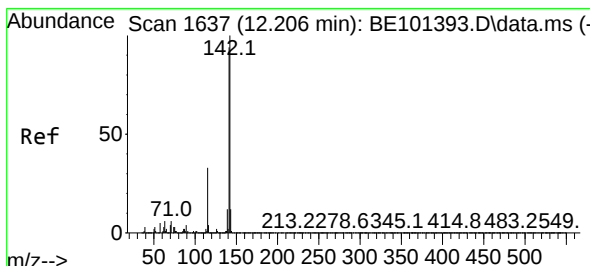
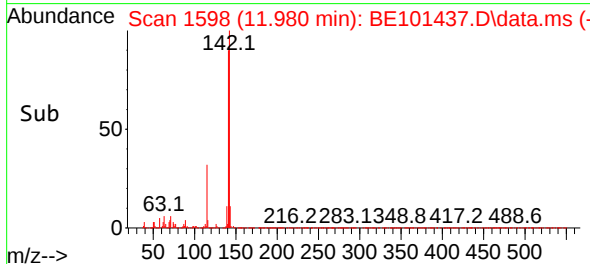
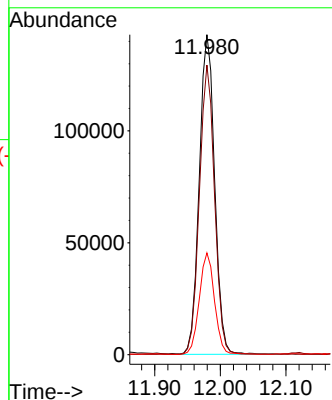
Tgt Ion:142 Resp: 23315
Ion Ratio Lower Upper
142 100
141 90.5 71.4 107.2
115 31.8 25.6 38.4

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Patel

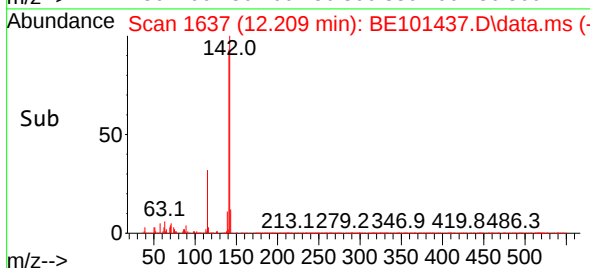
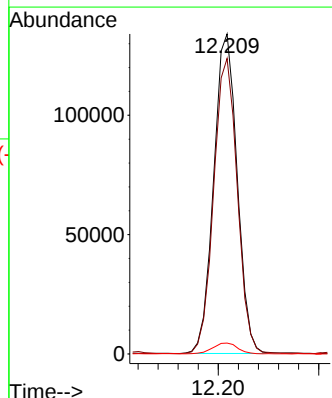
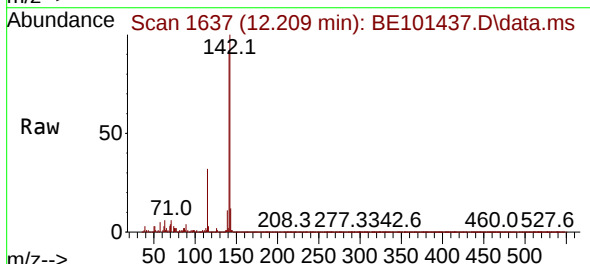
11/04/2024
Supervised By :mohammad
ahmed

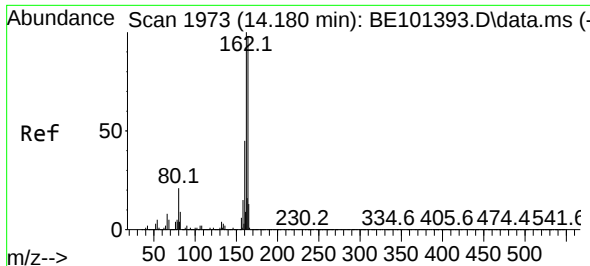
11/04/2024



#38
1-Methylnaphthalene
Concen: 10.601 ng
RT: 12.209 min Scan# 1637
Delta R.T. 0.002 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

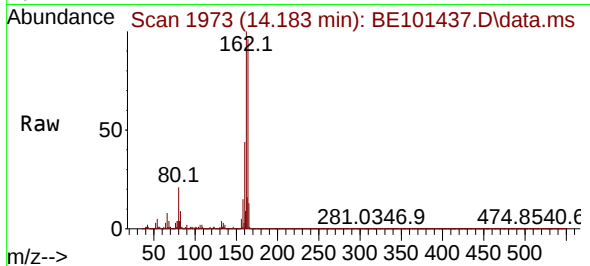
Tgt Ion:142 Resp: 217378
Ion Ratio Lower Upper
142 100
141 92.4 75.0 112.4
116 3.4 2.9 4.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.183 min Scan# 1973
Delta R.T. 0.002 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

Instrument :
BNA_E
ClientSampleId :
MH-3MSD



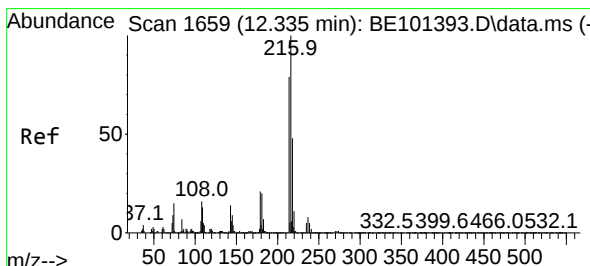
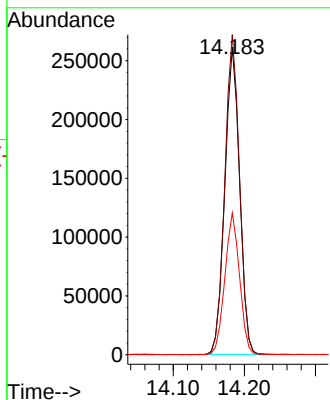
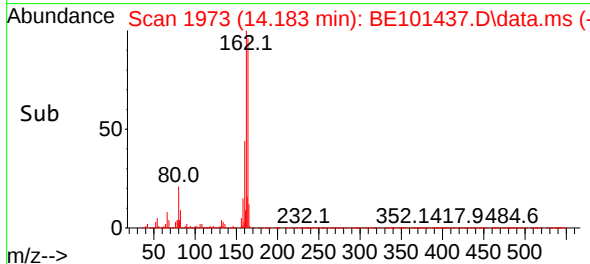
Tgt Ion:164 Resp: 376785
Ion Ratio Lower Upper
164 100
162 104.1 81.3 121.9
160 46.1 36.4 54.6

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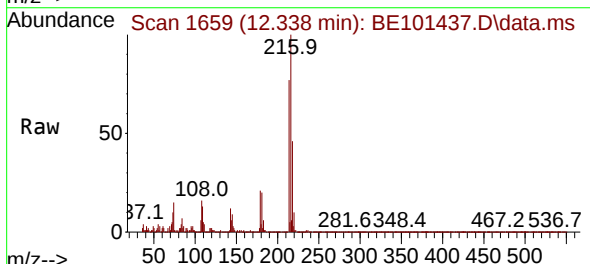
Reviewed By :Yogesh
Patel

11/04/2024
Supervised By :mohammad
ahmed

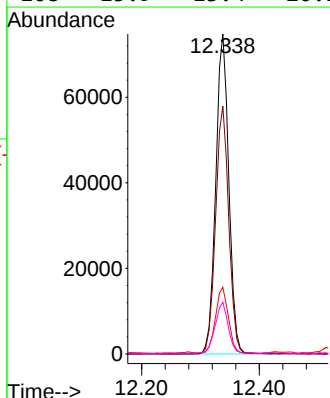
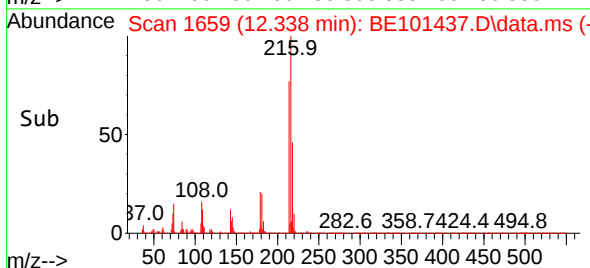
11/04/2024

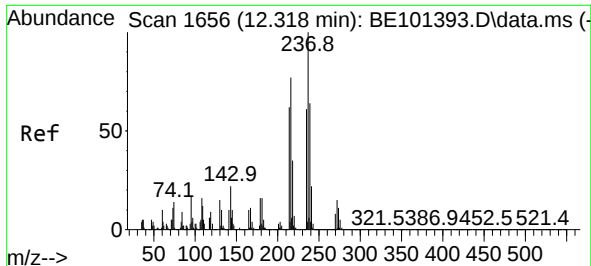


#40
1,2,4,5-Tetrachlorobenzene
Concen: 12.148 ng
RT: 12.338 min Scan# 1659
Delta R.T. 0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37



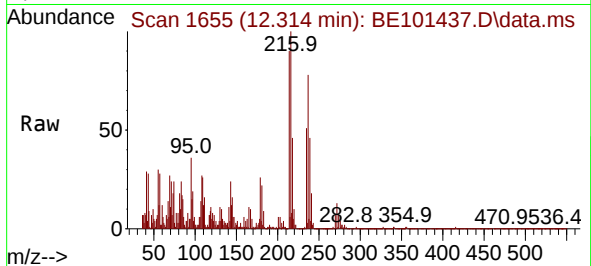
Tgt Ion:216 Resp: 114908
Ion Ratio Lower Upper
216 100
214 78.4 63.0 94.4
179 20.3 16.7 25.1
108 15.9 13.4 20.2





#41
Hexachlorocyclopentadiene
Concen: 2.484 ng
RT: 12.314 min Scan# 1655
Delta R.T. -0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

Instrument :
BNA_E
ClientSampleId :
MH-3MSD



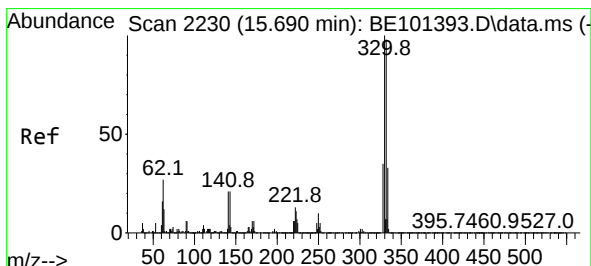
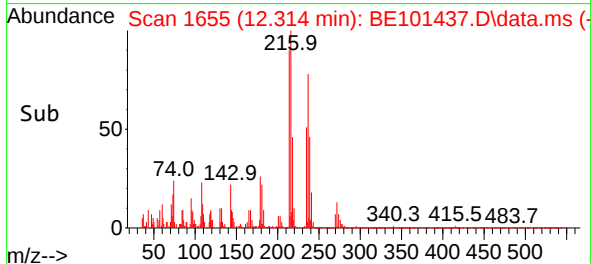
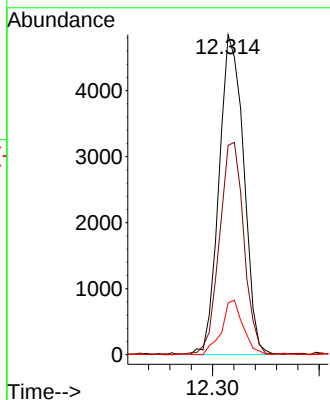
Tgt Ion: 237 Resp: 7759
Ion Ratio Lower Upper
237 100
235 65.4 41.3 81.3
272 16.2 0.0 34.6

Manual Integrations
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Reviewed By :Yogesh
Patel

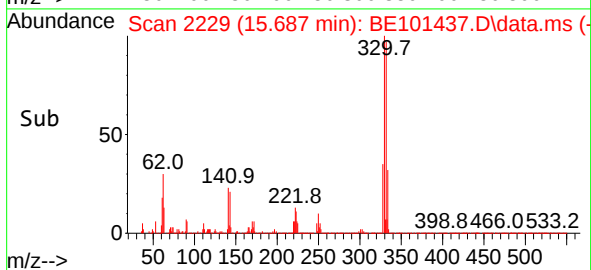
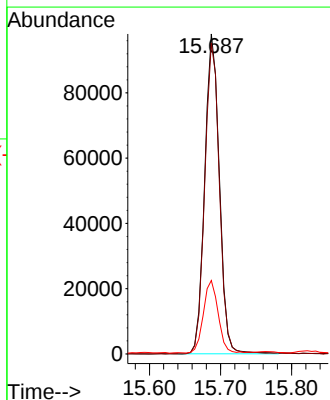
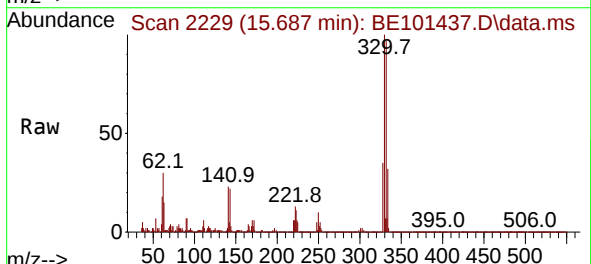
11/04/2024
Supervised By :mohammad
ahmed

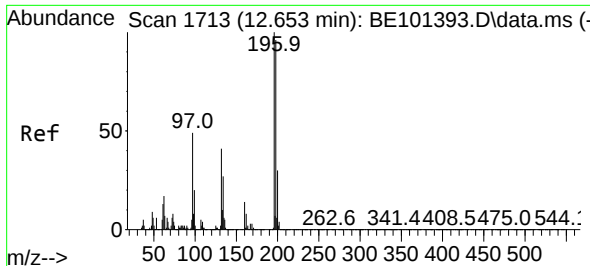
11/04/2024



#42
2,4,6-Tribromophenol
Concen: 21.366 ng
RT: 15.687 min Scan# 2229
Delta R.T. -0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

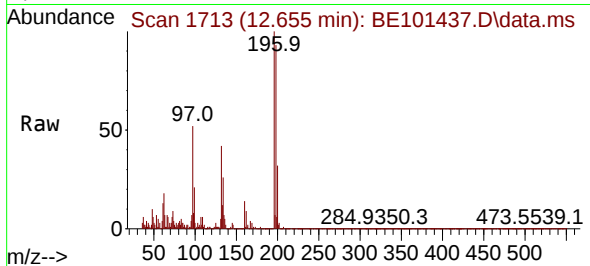
Tgt Ion: 330 Resp: 141096
Ion Ratio Lower Upper
330 100
332 97.1 78.2 117.2
141 22.7 18.3 27.5





#43
2,4,6-Trichlorophenol
Concen: 12.173 ng
RT: 12.655 min Scan# 1713
Delta R.T. 0.002 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

Instrument :
BNA_E
ClientSampleId :
MH-3MSD



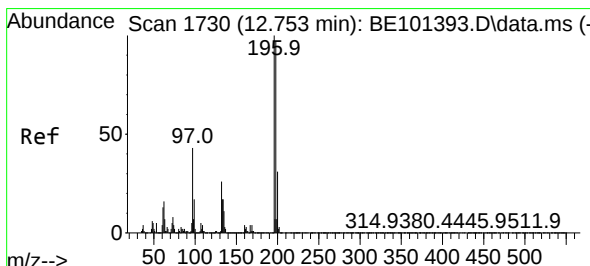
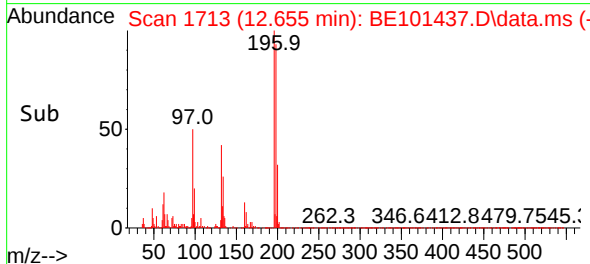
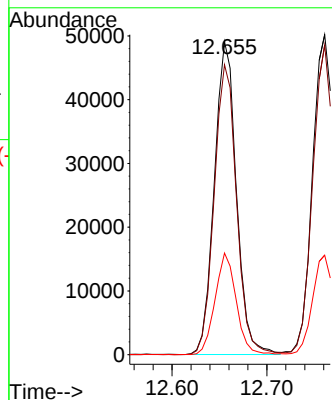
Tgt Ion:196 Resp: 79379
Ion Ratio Lower Upper
196 100
198 92.6 76.6 115.0
200 32.4 24.1 36.1

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Reviewed By :Yogesh
Patel

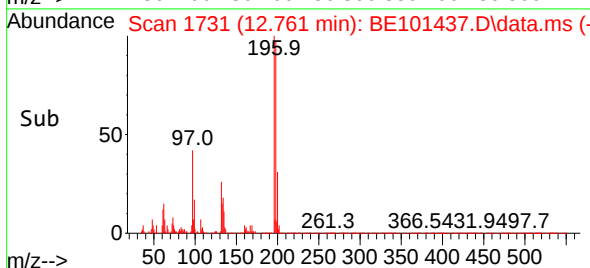
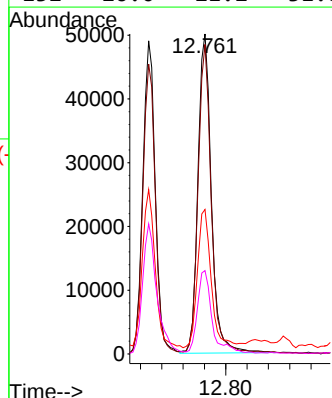
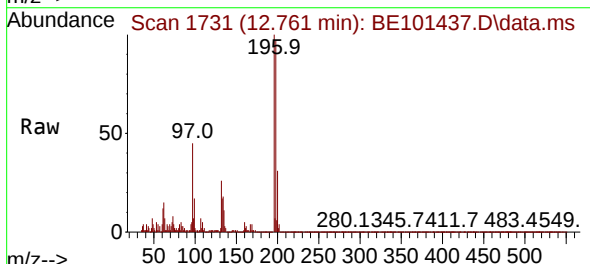
11/04/2024
Supervised By :mohammad
ahmed

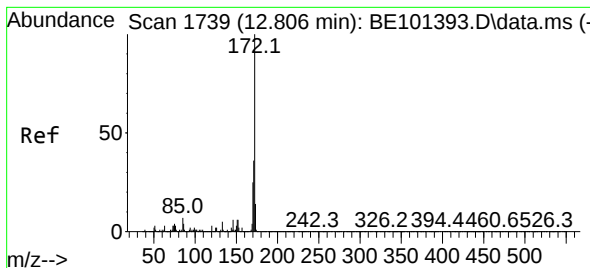
11/04/2024



#44
2,4,5-Trichlorophenol
Concen: 11.701 ng
RT: 12.761 min Scan# 1731
Delta R.T. 0.008 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

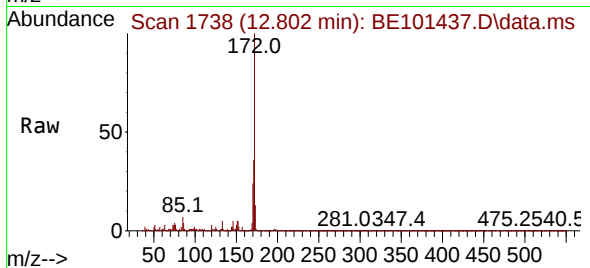
Tgt Ion:196 Resp: 87376
Ion Ratio Lower Upper
196 100
198 96.8 77.4 116.0
97 45.2 34.8 52.2
132 26.0 21.2 31.8





#45
2-Fluorobiphenyl
Concen: 14.994 ng
RT: 12.802 min Scan# 1738
Delta R.T. -0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

Instrument :
BNA_E
ClientSampleId :
MH-3MSD



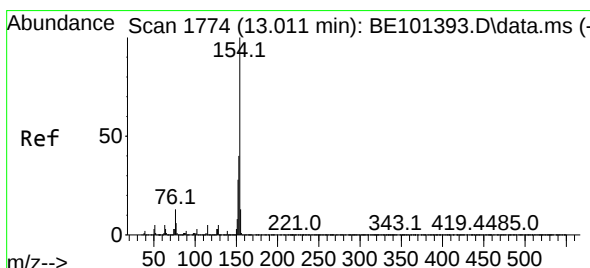
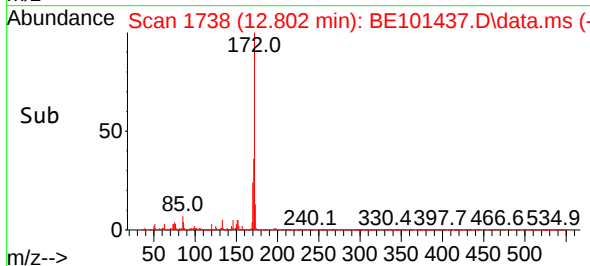
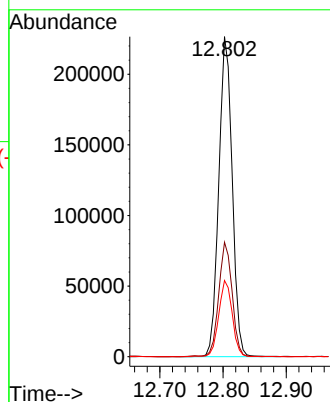
Tgt Ion:172 Resp: 333594
Ion Ratio Lower Upper
172 100
171 35.8 29.2 43.8
170 23.8 19.8 29.6

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Reviewed By :Yogesh
Patel

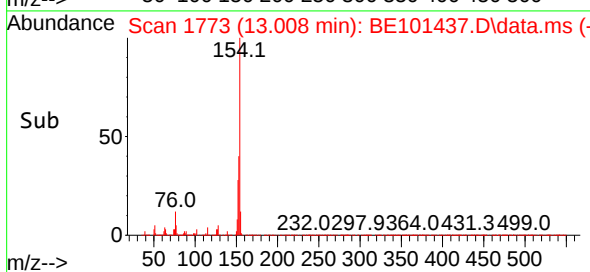
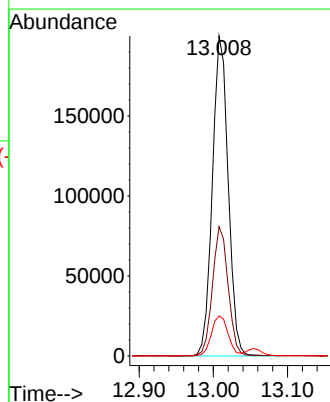
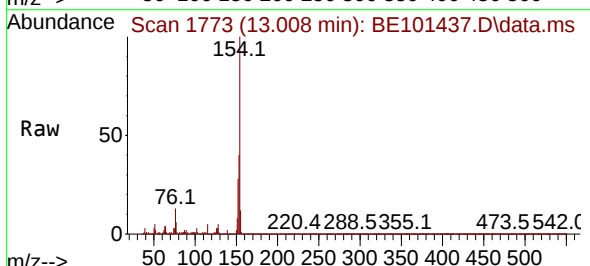
11/04/2024
Supervised By :mohammad
ahmed

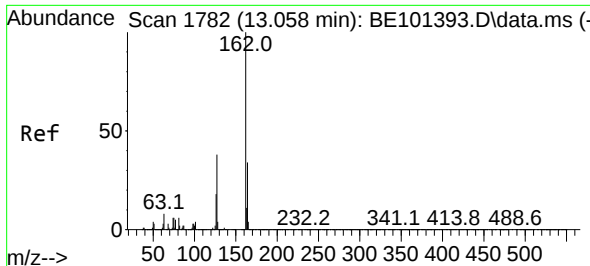
11/04/2024



#46
1,1'-Biphenyl
Concen: 11.455 ng
RT: 13.008 min Scan# 1773
Delta R.T. -0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

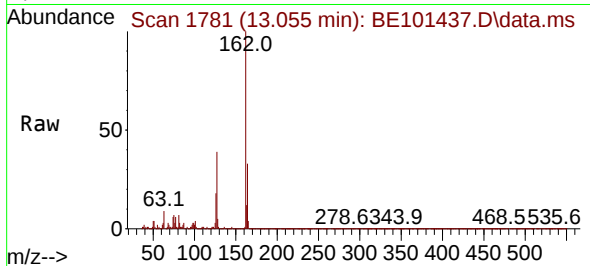
Tgt Ion:154 Resp: 295696
Ion Ratio Lower Upper
154 100
153 40.4 20.3 60.3
76 12.5 0.0 32.6





#47
2-Chloronaphthalene
Concen: 11.390 ng
RT: 13.055 min Scan# 1782
Delta R.T. -0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

Instrument :
BNA_E
ClientSampleId :
MH-3MSD



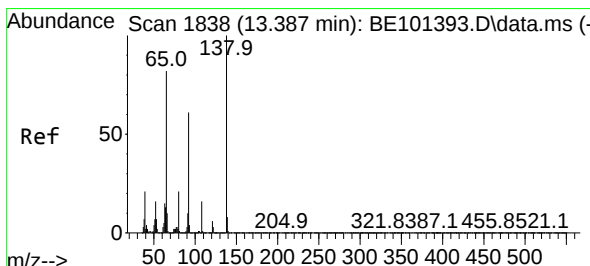
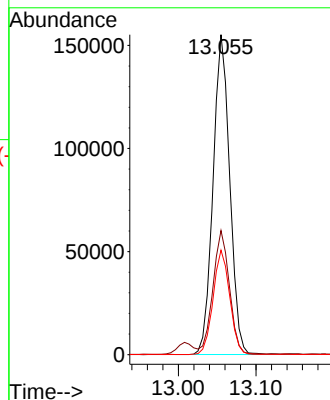
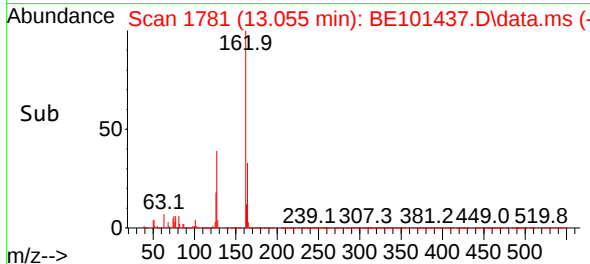
Tgt Ion:162 Resp: 232300
Ion Ratio Lower Upper
162 100
127 38.8 30.4 45.6
164 32.7 27.0 40.6

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Reviewed By :Yogesh
Patel

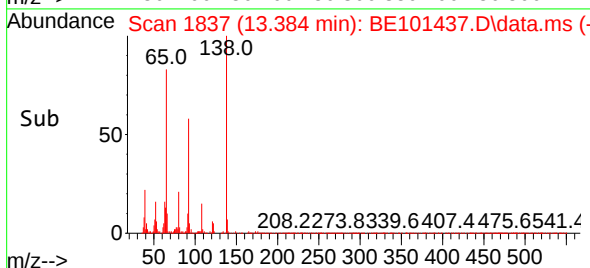
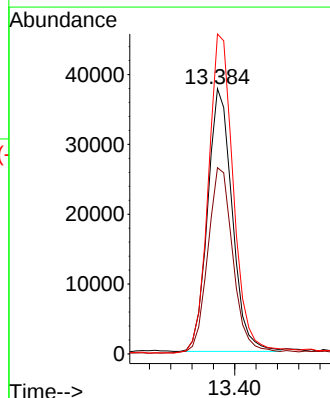
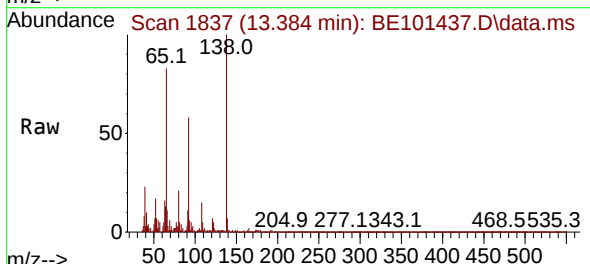
11/04/2024
Supervised By :mohammad
ahmed

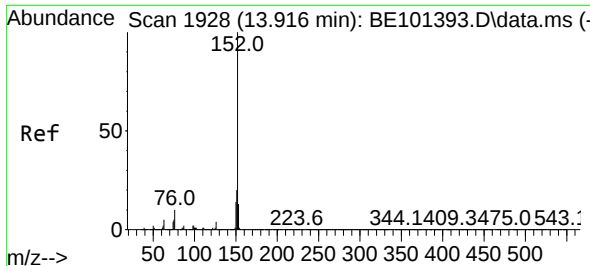
11/04/2024



#48
2-Nitroaniline
Concen: 10.967 ng
RT: 13.384 min Scan# 1837
Delta R.T. -0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

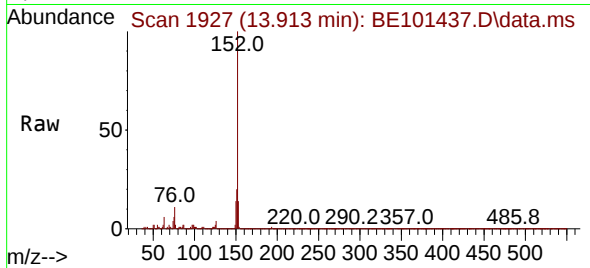
Tgt Ion: 65 Resp: 60192
Ion Ratio Lower Upper
65 100
92 70.2 59.0 88.4
138 120.6 97.4 146.0





#49
Acenaphthylene
Concen: 12.592 ng
RT: 13.913 min Scan# 1928
Delta R.T. -0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

Instrument :
BNA_E
ClientSampleId :
MH-3MSD



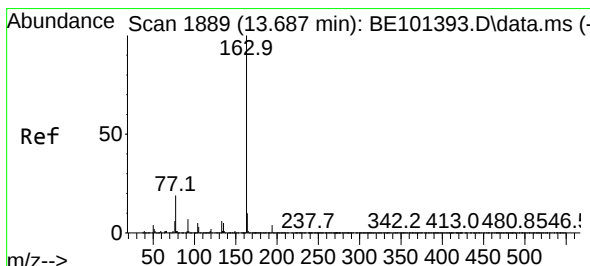
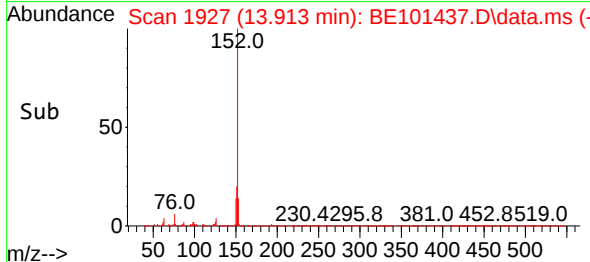
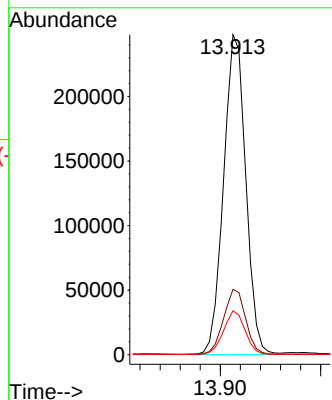
Tgt Ion:152 Resp: 379780
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.7 10.5 15.7

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Reviewed By :Yogesh
Patel

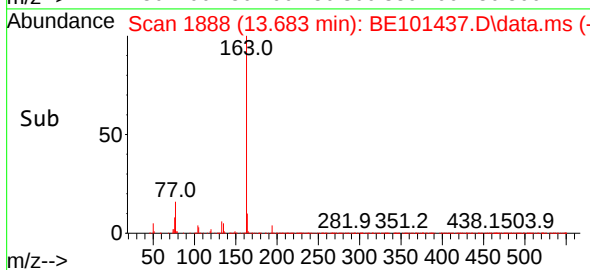
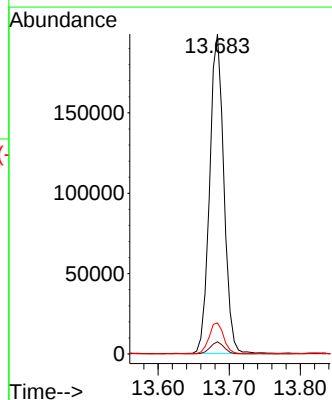
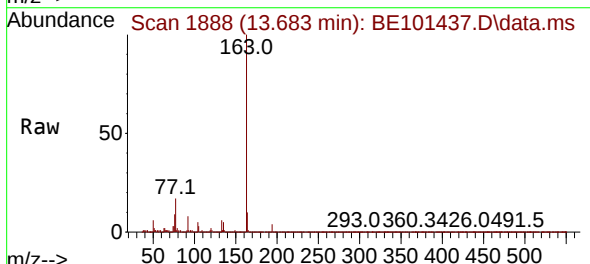
11/04/2024
Supervised By :mohammad
ahmed

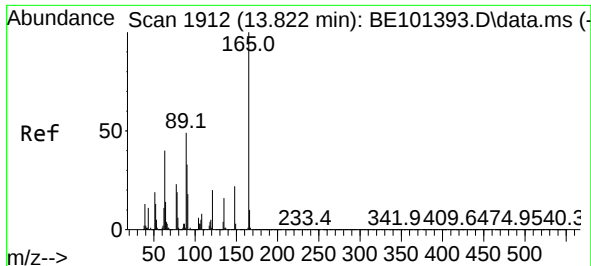
11/04/2024



#50
Dimethylphthalate
Concen: 10.386 ng
RT: 13.683 min Scan# 1888
Delta R.T. -0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

Tgt Ion:163 Resp: 276217
Ion Ratio Lower Upper
163 100
194 3.8 2.9 4.3
164 9.7 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 9.397 ng
RT: 13.819 min Scan# 1911
Delta R.T. -0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

Instrument :
BNA_E
ClientSampleId :
MH-3MSD

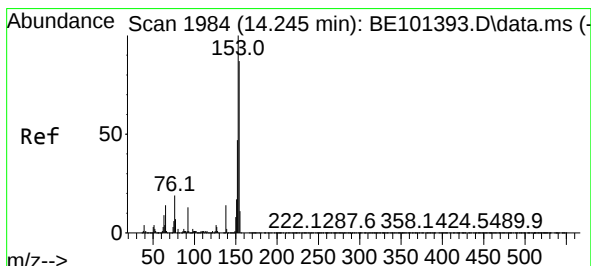
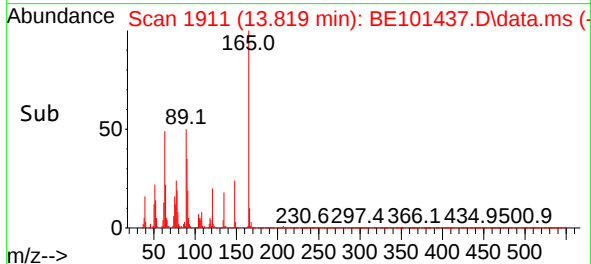
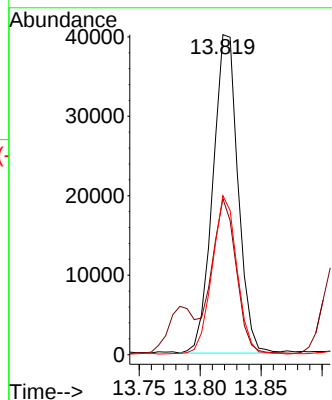
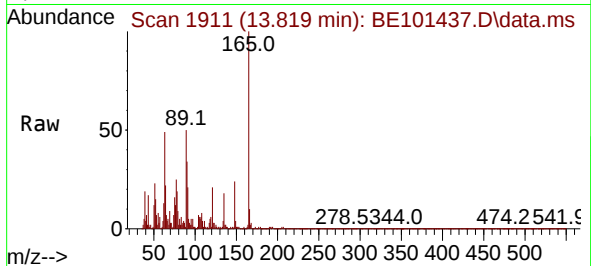
Tgt Ion:165 Resp: 5770
Ion Ratio Lower Upper
165 100
63 48.8 38.0 57.0
89 49.7 39.5 59.3

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Patel

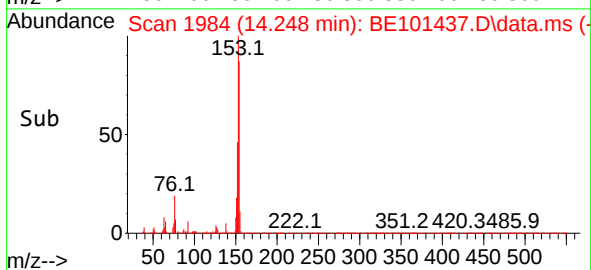
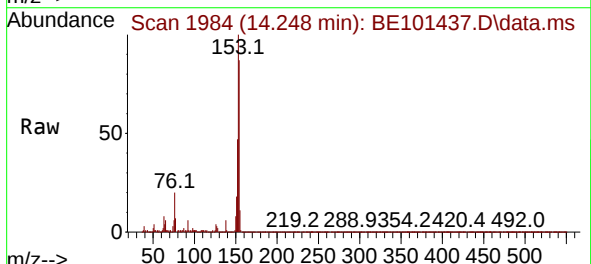
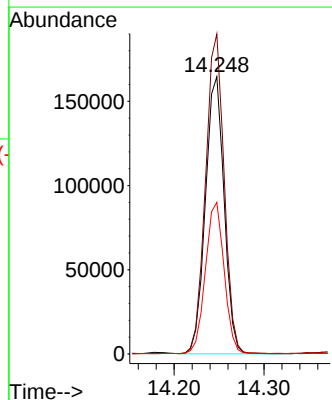
11/04/2024
Supervised By :mohammad
ahmed

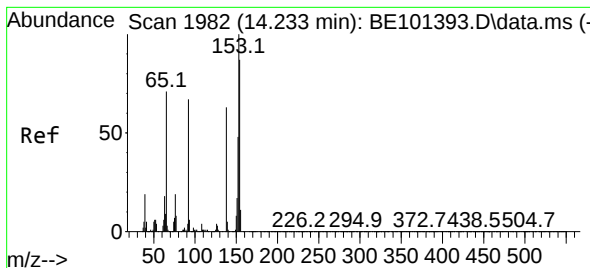
11/04/2024



#52
Acenaphthene
Concen: 12.094 ng
RT: 14.248 min Scan# 1984
Delta R.T. 0.002 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

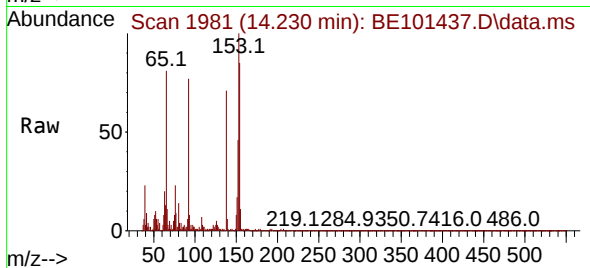
Tgt Ion:154 Resp: 238179
Ion Ratio Lower Upper
154 100
153 115.4 91.8 137.6
152 54.6 43.1 64.7





#53
3-Nitroaniline
Concen: 10.014 ng
RT: 14.230 min Scan# 1982
Delta R.T. -0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

Instrument :
BNA_E
ClientSampleId :
MH-3MSD



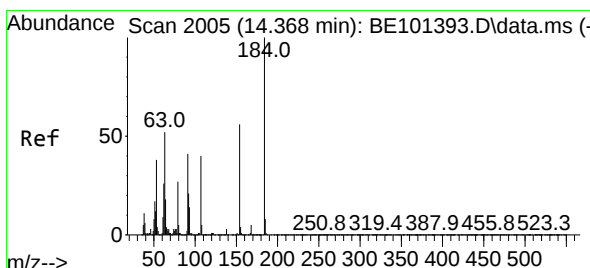
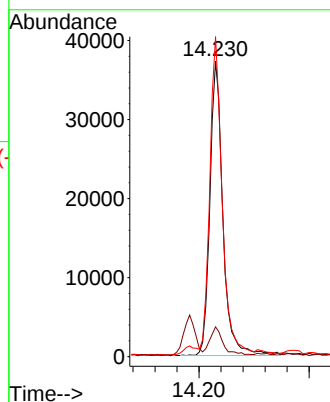
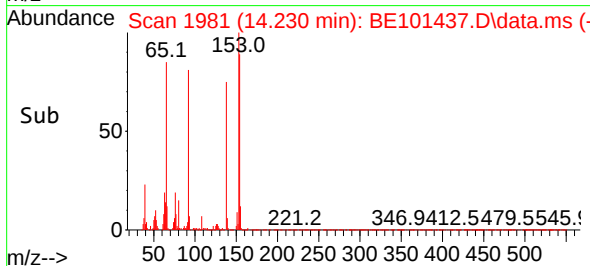
Tgt Ion:138 Resp: 61140
Ion Ratio Lower Upper
138 100
108 10.1 7.1 10.7
92 108.3 84.4 126.6

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Patel

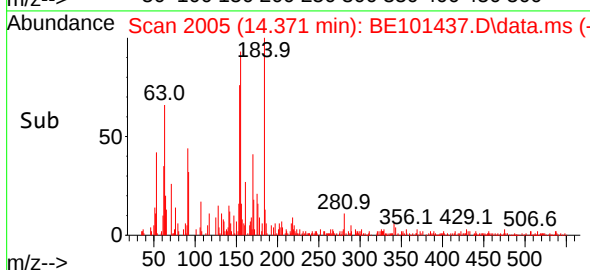
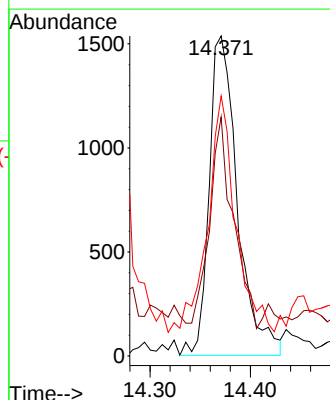
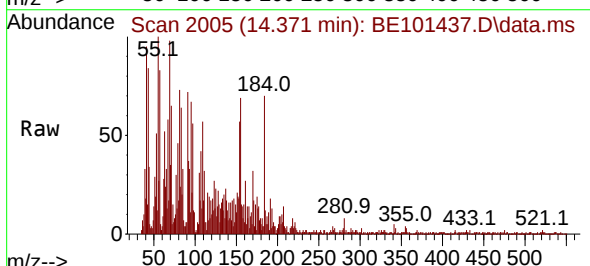
11/04/2024
Supervised By :mohammad
ahmed

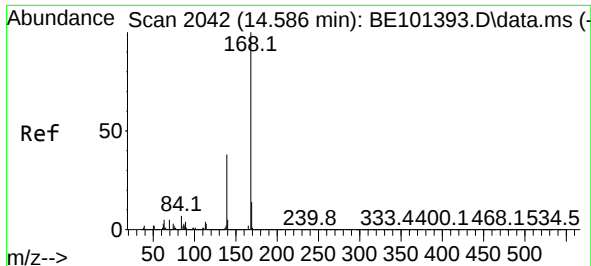
11/04/2024



#54
2,4-Dinitrophenol
Concen: 6.259 ng
RT: 14.371 min Scan# 2005
Delta R.T. 0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

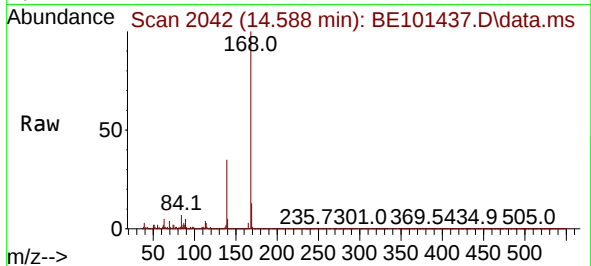
Tgt Ion:184 Resp: 3016
Ion Ratio Lower Upper
184 100
63 74.7 41.8 62.6#
154 81.3 44.9 67.3#





#55
Dibenzenofuran
Concen: 11.912 ng
RT: 14.588 min Scan# 2042
Delta R.T. 0.002 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

Instrument :
BNA_E
ClientSampleId :
MH-3MSD



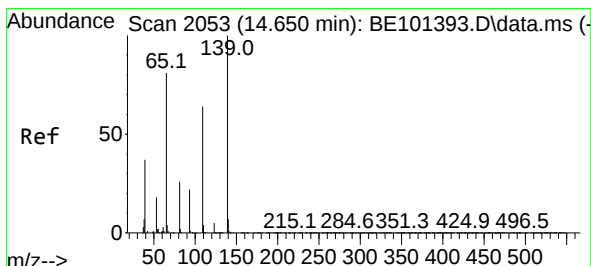
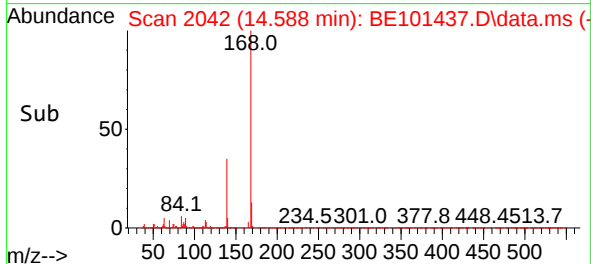
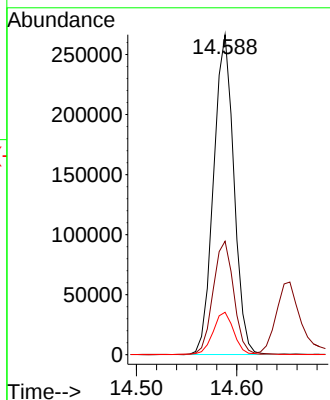
Tgt Ion:168 Resp: 373902
Ion Ratio Lower Upper
168 100
139 35.5 30.2 45.4
169 13.3 11.0 16.4

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Patel

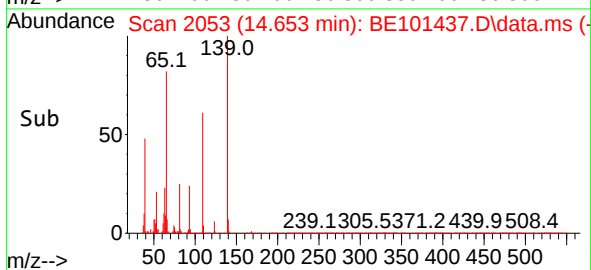
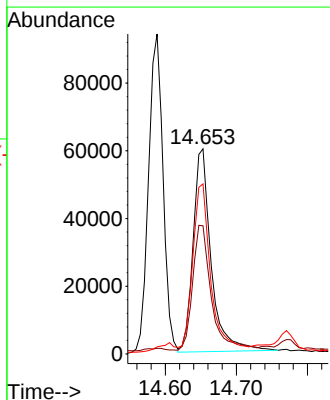
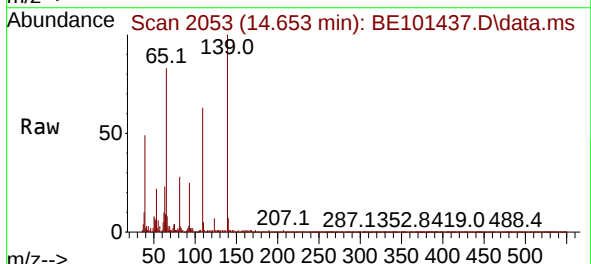
11/04/2024
Supervised By :mohammad
ahmed

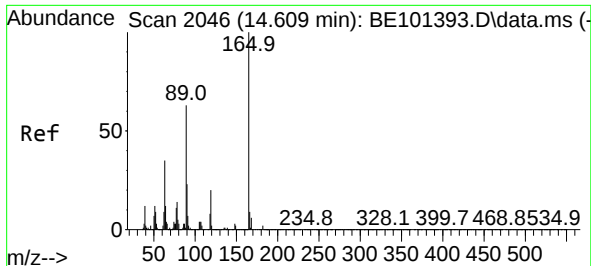
11/04/2024



#56
4-Nitrophenol
Concen: 18.927 ng
RT: 14.653 min Scan# 2053
Delta R.T. 0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

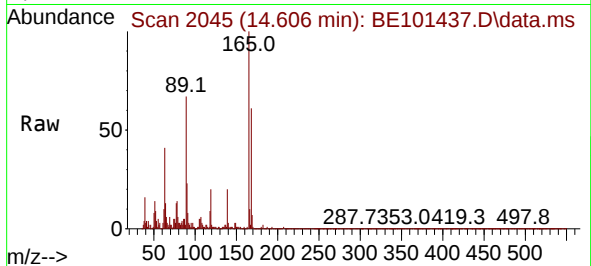
Tgt Ion:139 Resp: 105829
Ion Ratio Lower Upper
139 100
109 62.5 42.4 82.4
65 82.9 63.4 103.4





#57
2,4-Dinitrotoluene
Concen: 9.047 ng
RT: 14.606 min Scan# 2046
Delta R.T. -0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

Instrument :
BNA_E
ClientSampleId :
MH-3MSD



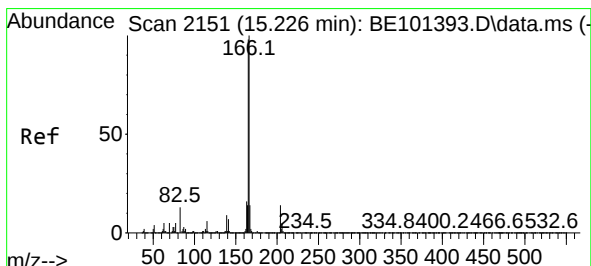
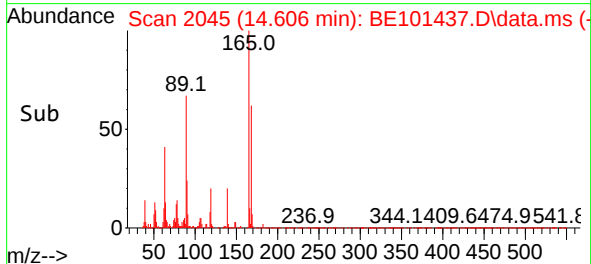
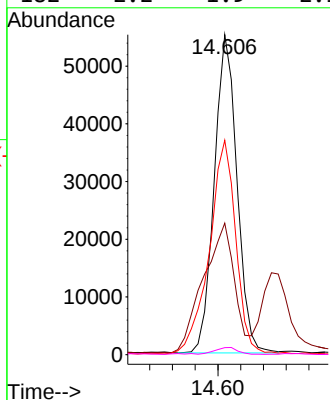
Tgt Ion:165 Resp: 76479
Ion Ratio Lower Upper
165 100
63 41.1 28.6 42.8
89 67.0 50.8 76.2
182 2.2 1.9 2.9

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Patel

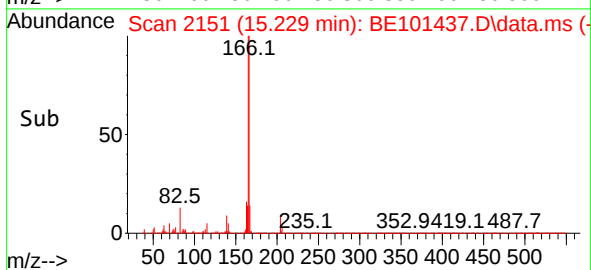
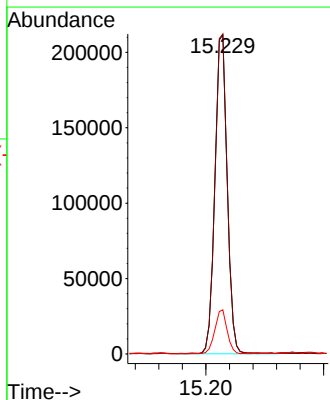
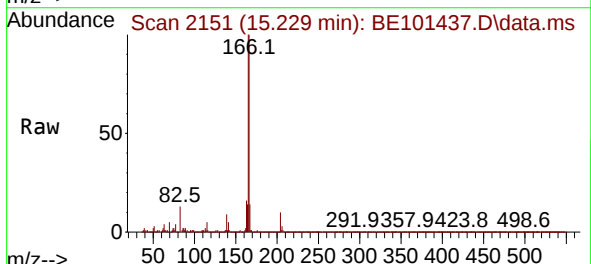
11/04/2024
Supervised By :mohammad
ahmed

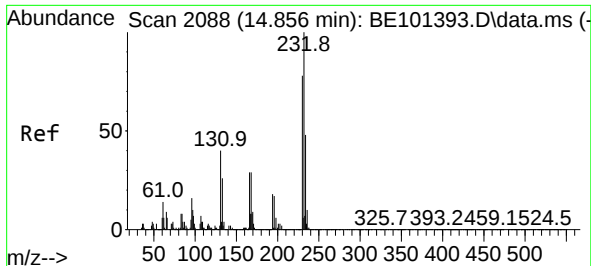
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#58
Fluorene
Concen: 11.671 ng
RT: 15.229 min Scan# 2151
Delta R.T. 0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

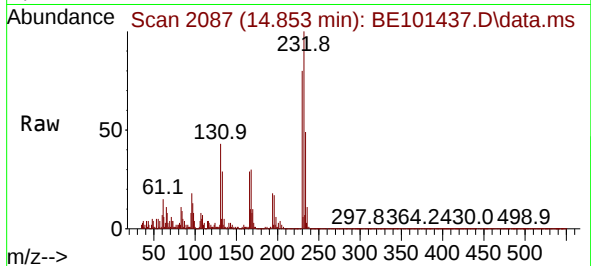
Tgt Ion:166 Resp: 306460
Ion Ratio Lower Upper
166 100
165 100.4 78.7 118.1
167 13.9 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 11.579 ng
RT: 14.853 min Scan# 2088
Delta R.T. -0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

Instrument :
BNA_E
ClientSampleId :
MH-3MSD



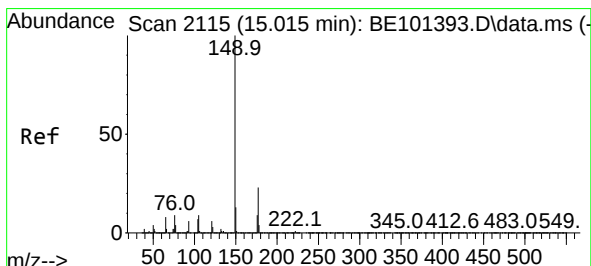
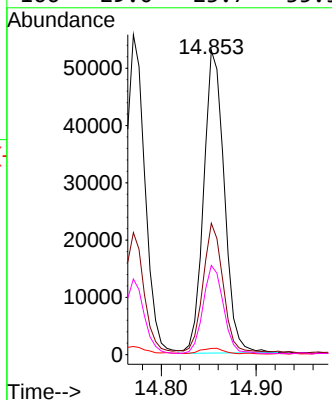
Tgt Ion:232 Resp: 79889
Ion Ratio Lower Upper
232 100
131 41.1 33.5 50.3
130 2.1 1.6 2.4
166 29.0 23.7 35.5

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Reviewed By :Yogesh
Patel

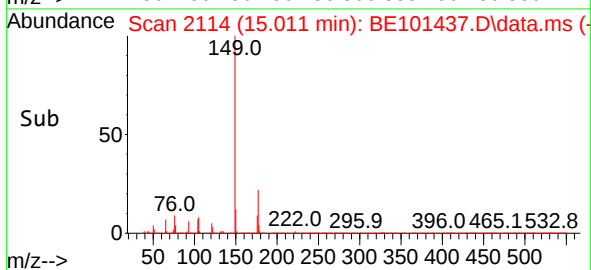
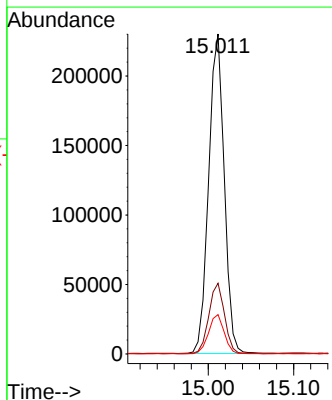
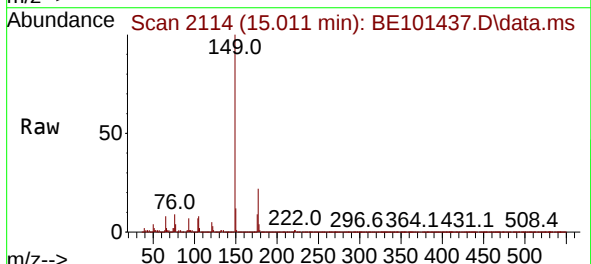
11/04/2024
Supervised By :mohammad
ahmed

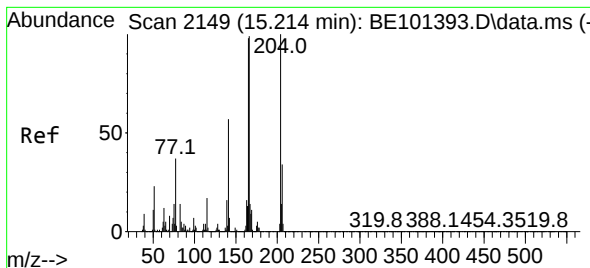
11/04/2024



#60
Diethylphthalate
Concen: 10.480 ng
RT: 15.011 min Scan# 2114
Delta R.T. -0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

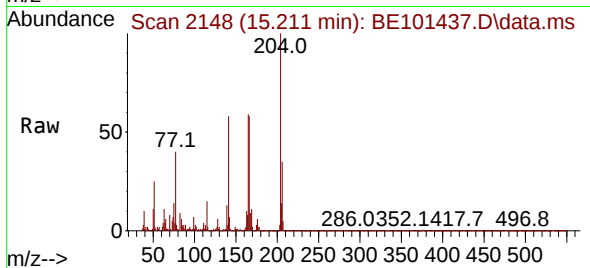
Tgt Ion:149 Resp: 291552
Ion Ratio Lower Upper
149 100
177 22.1 18.0 27.0
150 12.3 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 11.063 ng
RT: 15.211 min Scan# 2148
Delta R.T. -0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

Instrument :
BNA_E
ClientSampleId :
MH-3MSD



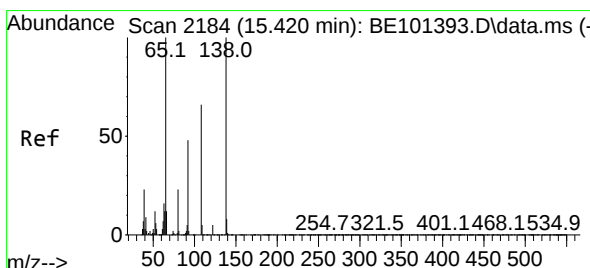
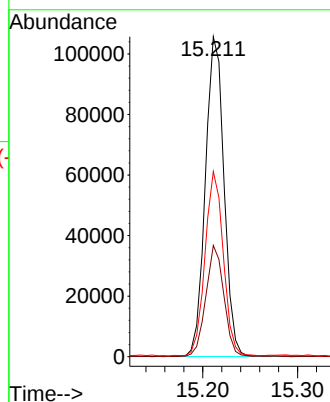
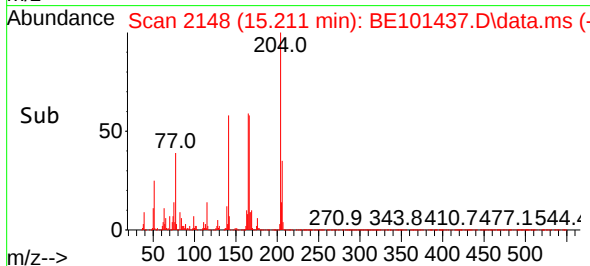
Tgt Ion:204 Resp: 144150
Ion Ratio Lower Upper
204 100
206 34.8 26.9 40.3
141 57.9 45.9 68.9

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Patel

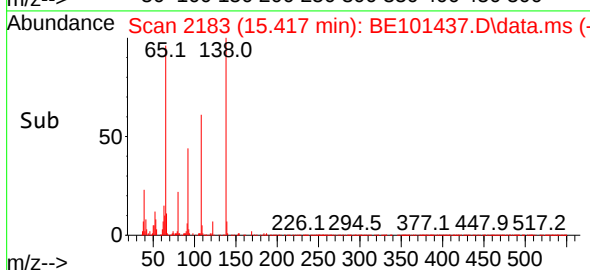
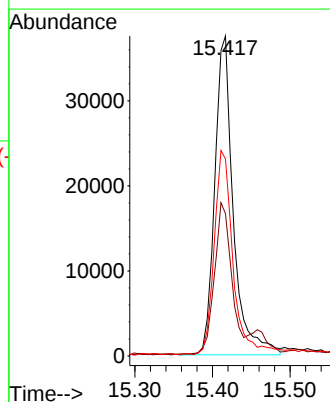
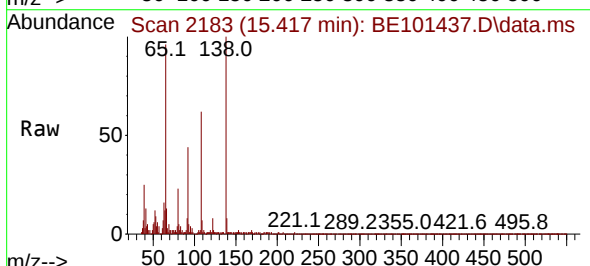
11/04/2024
Supervised By :mohammad
ahmed

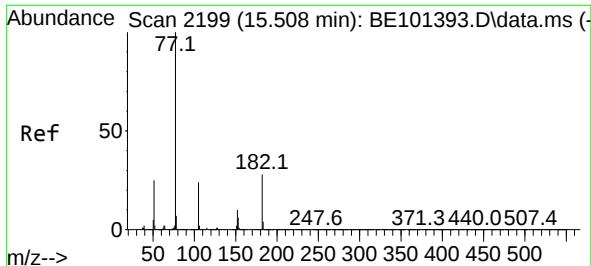
11/04/2024



#62
4-Nitroaniline
Concen: 9.180 ng
RT: 15.417 min Scan# 2183
Delta R.T. -0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

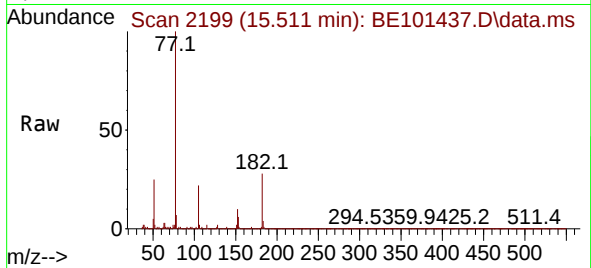
Tgt Ion:138 Resp: 62369
Ion Ratio Lower Upper
138 100
92 44.5 28.7 68.7
108 61.5 46.5 86.5





#63
Azobenzene
Concen: 11.252 ng
RT: 15.511 min Scan# 2199
Delta R.T. 0.002 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

Instrument :
BNA_E
Client SampleId :
MH-3MSD



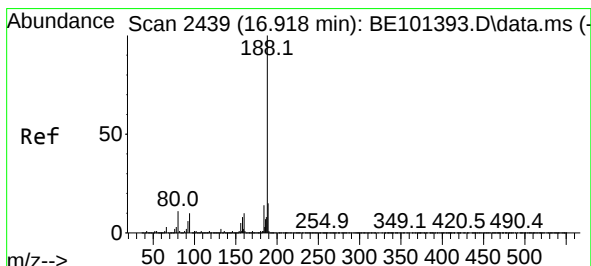
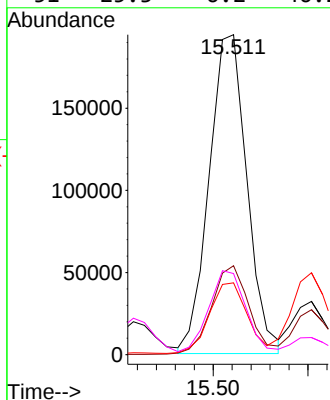
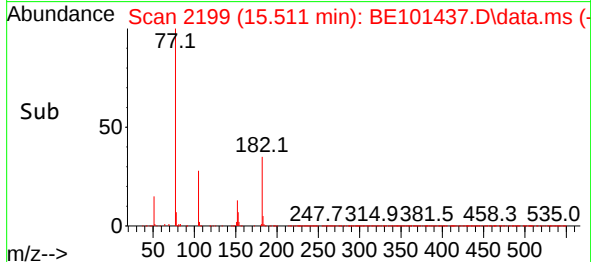
Tgt Ion: 77 Resp: 269068
Ion Ratio Lower Upper
77 100
182 27.8 7.6 47.6
105 22.5 3.2 43.2
51 25.3 6.2 46.2

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Reviewed By :Yogesh
Patel

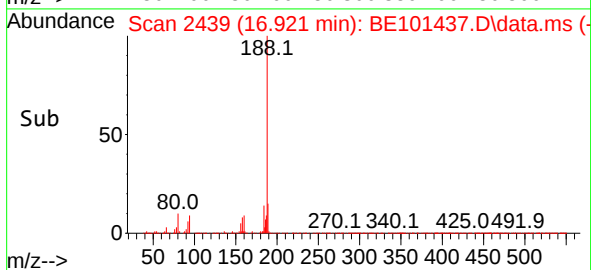
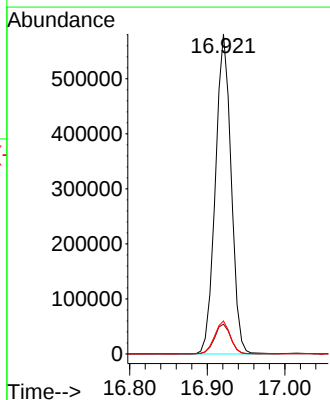
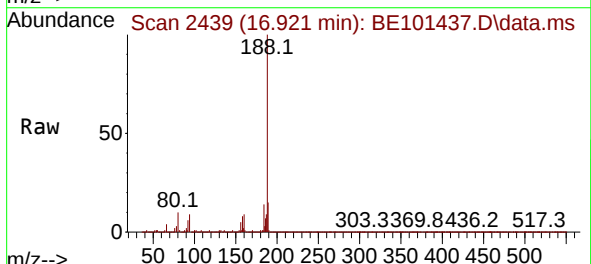
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Supervised By :mohammad
ahmed

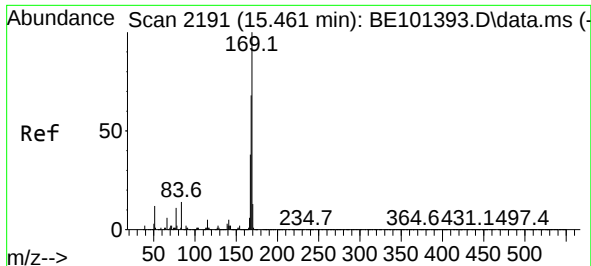
11/04/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.921 min Scan# 2439
Delta R.T. 0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

Tgt Ion:188 Resp: 819838
Ion Ratio Lower Upper
188 100
94 9.3 7.8 11.8
80 10.3 8.6 12.8





#66
n-Nitrosodiphenylamine
Concen: 11.990 ng
RT: 15.458 min Scan# 2191
Delta R.T. -0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

Instrument :

BNA_E

ClientSampleId :

MH-3MSD

Tgt Ion:169 Resp: 260678
Ion Ratio Lower Upper
169 100
168 67.7 54.5 81.7
167 38.4 30.4 45.6

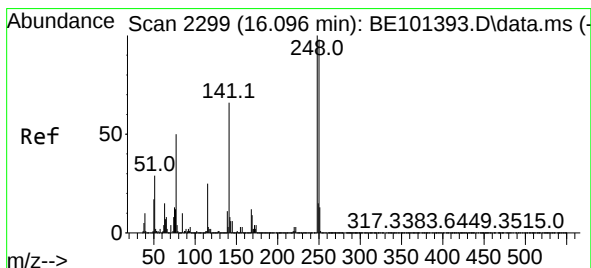
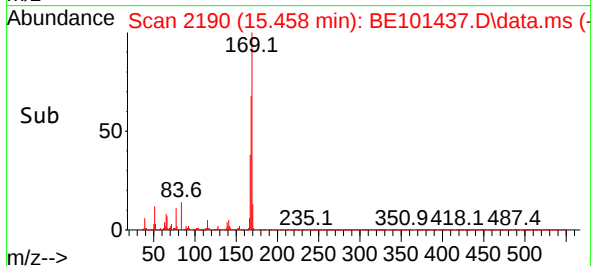
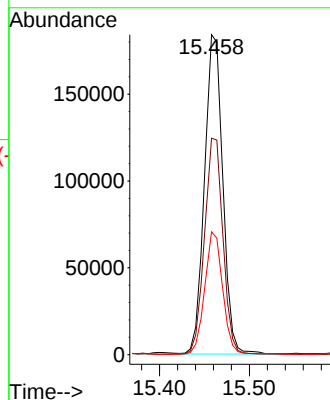
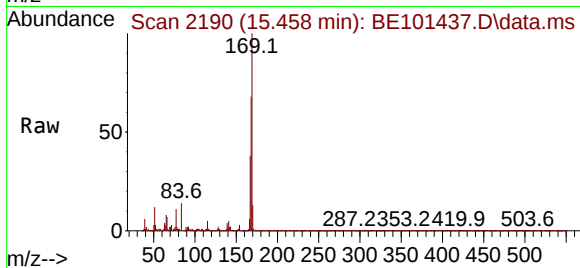
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Patel

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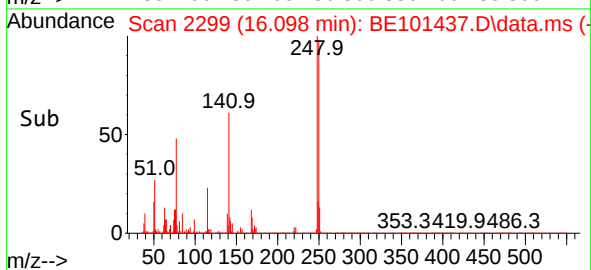
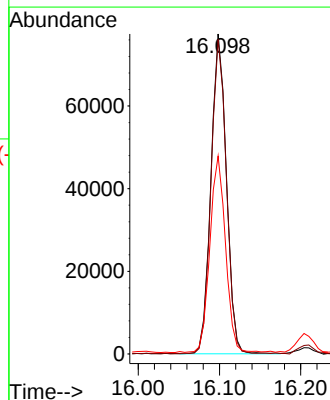
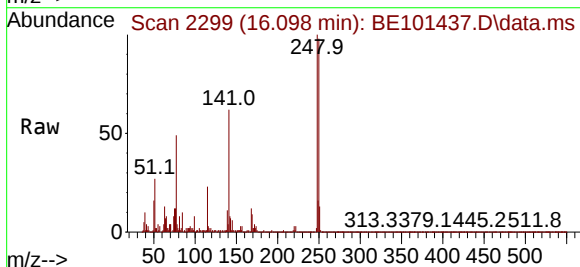
Supervised By :mohammad
ahmed

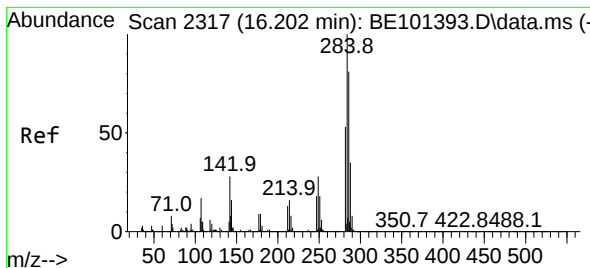
11/04/2024



#67
4-Bromophenyl-phenylether
Concen: 11.853 ng
RT: 16.098 min Scan# 2299
Delta R.T. 0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

Tgt Ion:248 Resp: 102220
Ion Ratio Lower Upper
248 100
250 98.3 78.2 117.2
141 61.9 53.0 79.4





#68

Hexachlorobenzene

Concen: 11.536 ng

RT: 16.204 min Scan# 21

Delta R.T. 0.002 min

Lab File: BE101437.D

Acq: 31 Oct 2024 17:37

Instrument :

BNA_E

ClientSampleId :

MH-3MSD

Tgt Ion:284	Resp:	130399
Ion Ratio	Lower	Upper
284	100	
142	28.4	22.2 33.2
249	27.5	22.8 34.2

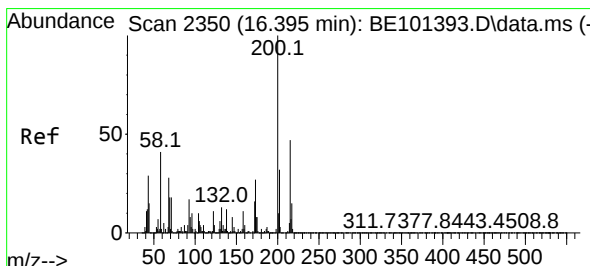
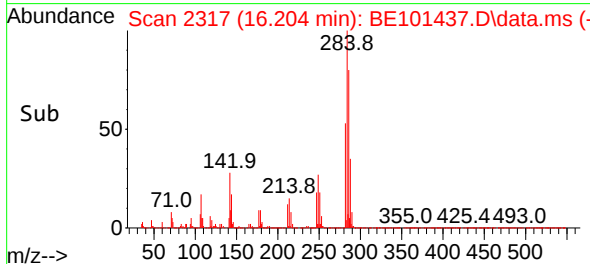
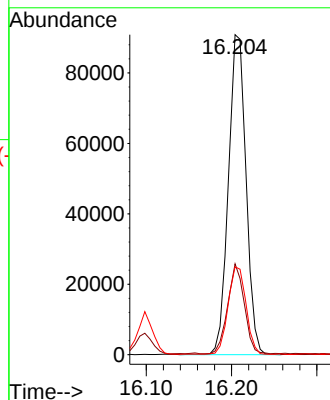
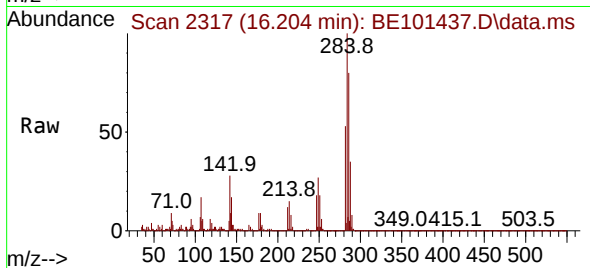
Manual Integrations
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Reviewed By :Yogesh
Patel

11/04/2024

Supervised By :mohammad
ahmed

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#69

Atrazine

Concen: 13.812 ng

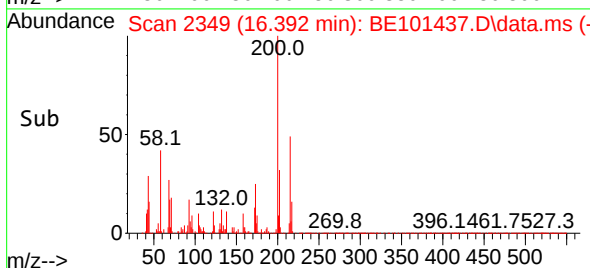
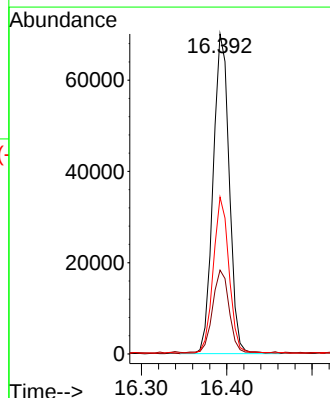
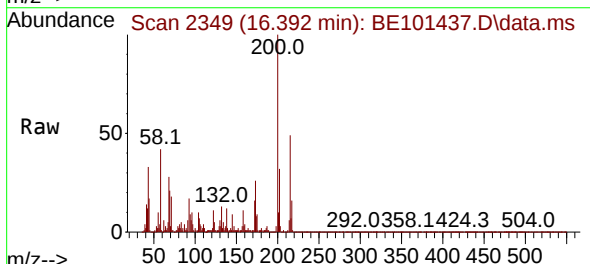
RT: 16.392 min Scan# 2349

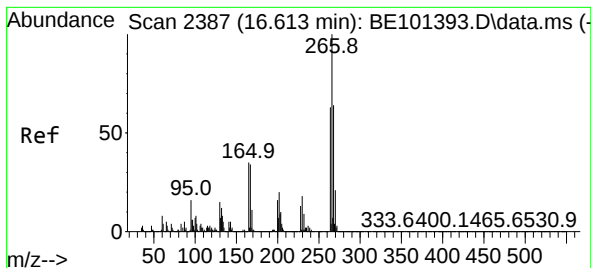
Delta R.T. -0.003 min

Lab File: BE101437.D

Acq: 31 Oct 2024 17:37

Tgt Ion:200	Resp:	92059
Ion Ratio	Lower	Upper
200	100	
173	26.2	7.0 47.0
215	49.0	27.3 67.3





#70

Pentachlorophenol

Concen: 20.911 ng

RT: 16.615 min Scan# 21

Delta R.T. 0.002 min

Lab File: BE101437.D

Acq: 31 Oct 2024 17:37

Instrument :

BNA_E

ClientSampleId :

MH-3MSD

Tgt Ion:	266	Resp:	136060
Ion Ratio	Lower	Upper	
266	100		
268	65.4	51.5	77.3
264	62.4	50.7	76.1

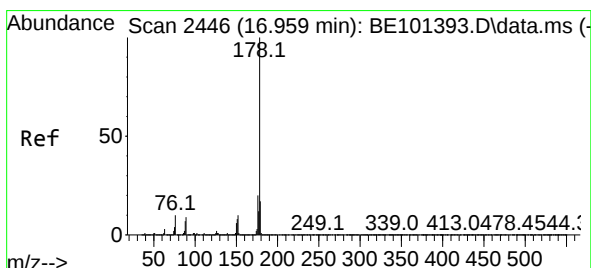
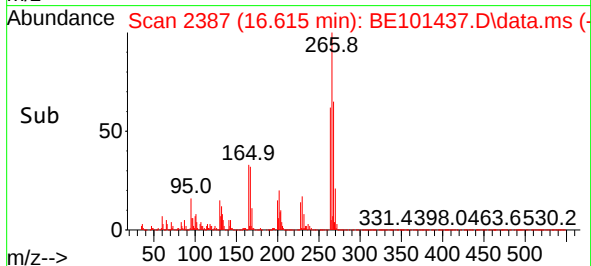
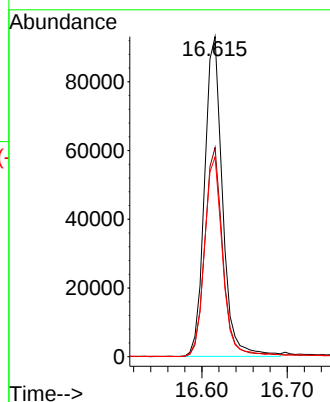
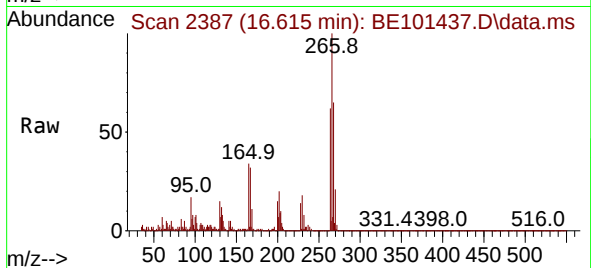
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Patel

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ahmed

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#71

Phenanthrene

Concen: 14.733 ng

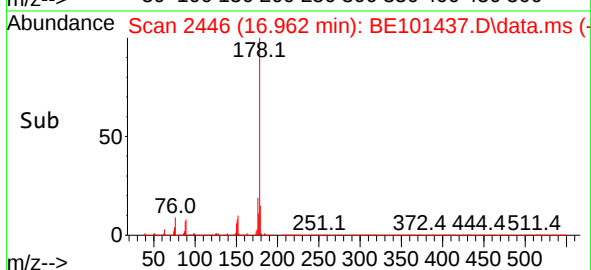
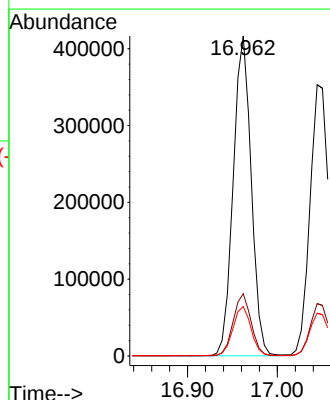
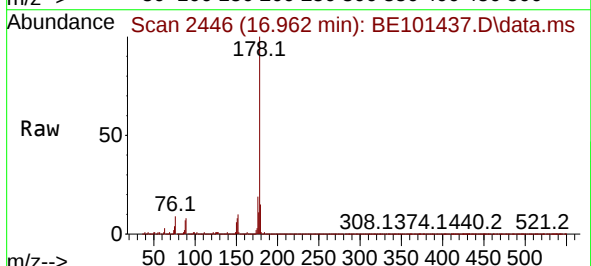
RT: 16.962 min Scan# 2446

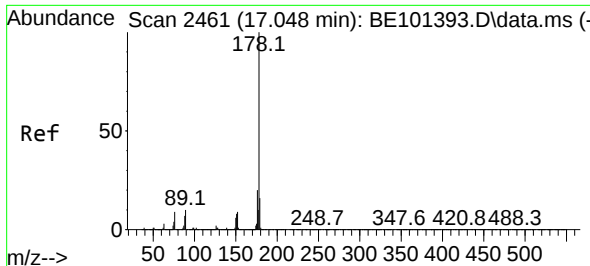
Delta R.T. 0.002 min

Lab File: BE101437.D

Acq: 31 Oct 2024 17:37

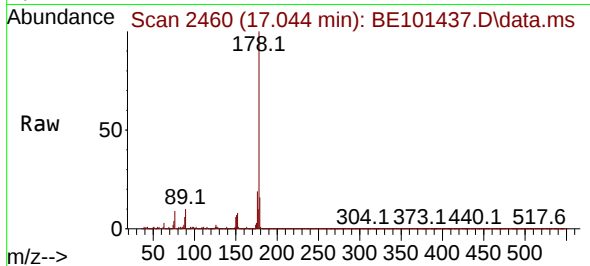
Tgt Ion:	178	Resp:	578300
Ion Ratio	Lower	Upper	
178	100		
176	19.5	16.4	24.6
179	15.5	13.2	19.8





#72
 Anthracene
 Concen: 13.736 ng
 RT: 17.044 min Scan# 2461
 Delta R.T. -0.003 min
 Lab File: BE101437.D
 Acq: 31 Oct 2024 17:37

Instrument :
 BNA_E
 ClientSampleId :
 MH-3MSD



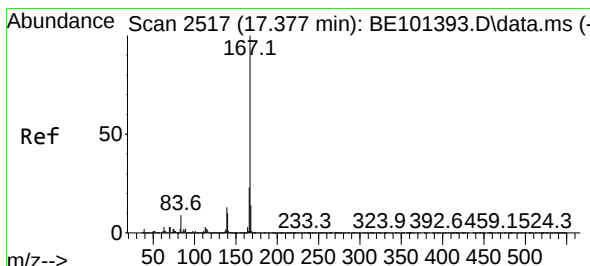
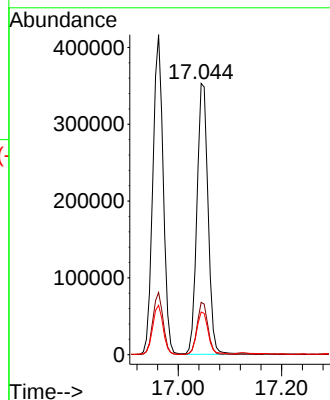
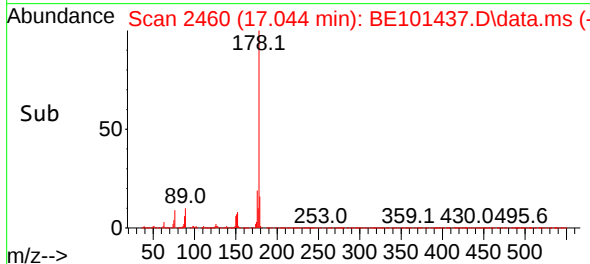
Tgt Ion:178 Resp: 52648
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.9 23.9
 179 15.8 13.1 19.7

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 Patel

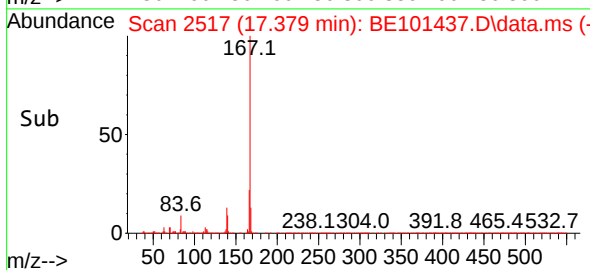
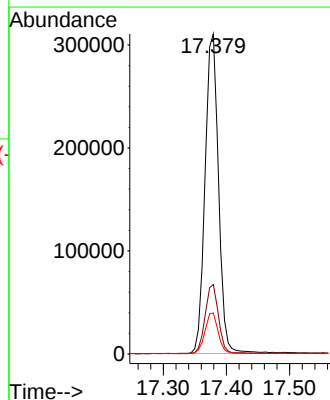
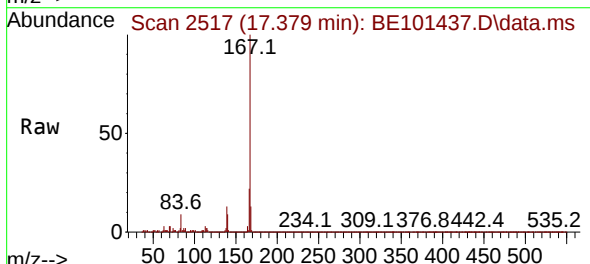
11/04/2024
 Supervised By :mohammad
 ahmed

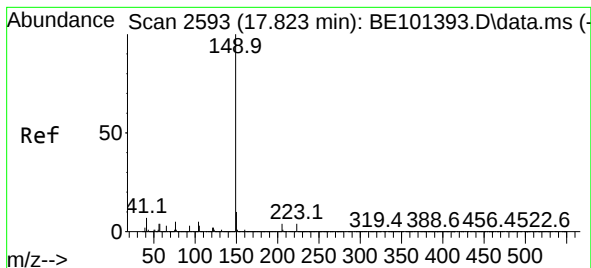
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#73
 Carbazole
 Concen: 11.778 ng
 RT: 17.379 min Scan# 2517
 Delta R.T. 0.002 min
 Lab File: BE101437.D
 Acq: 31 Oct 2024 17:37

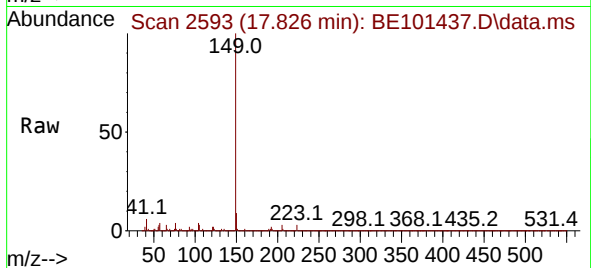
Tgt Ion:167 Resp: 461914
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.3 27.5
 139 12.8 10.8 16.2





#74
Di-n-butylphthalate
Concen: 12.842 ng
RT: 17.826 min Scan# 2593
Delta R.T. 0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

Instrument :
BNA_E
ClientSampleId :
MH-3MSD



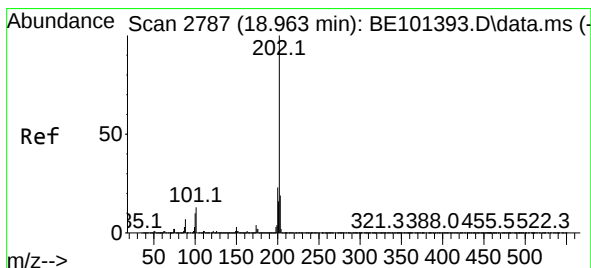
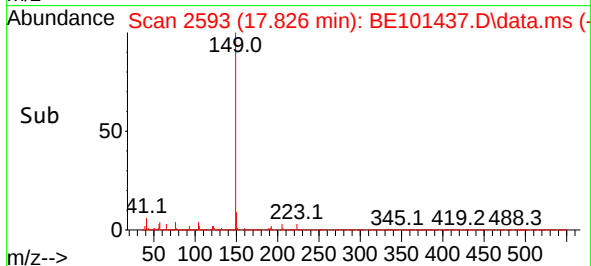
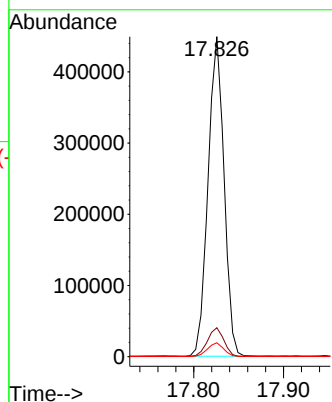
Tgt Ion:149 Resp: 554450
Ion Ratio Lower Upper
149 100
150 9.1 8.2 12.4
104 4.4 3.9 5.9

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Patel

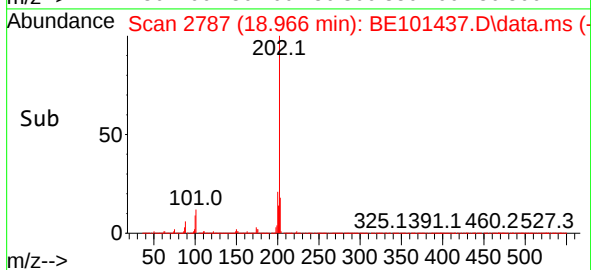
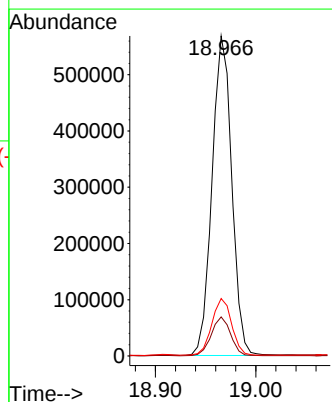
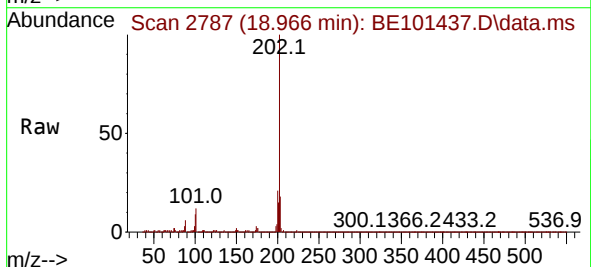
11/04/2024
Supervised By :mohammad
ahmed

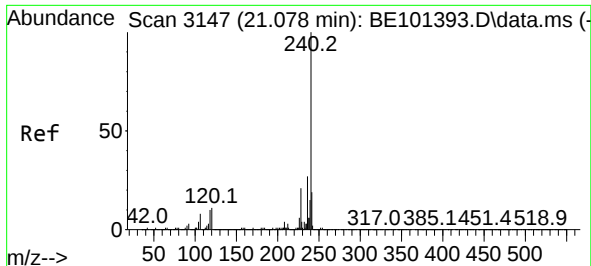
11/04/2024



#75
Fluoranthene
Concen: 16.277 ng
RT: 18.966 min Scan# 2787
Delta R.T. 0.002 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

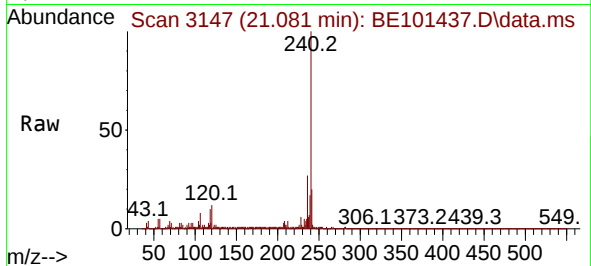
Tgt Ion:202 Resp: 776039
Ion Ratio Lower Upper
202 100
101 12.2 0.0 33.3
203 18.0 0.0 39.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.081 min Scan# 3147
Delta R.T. 0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

Instrument :
BNA_E
ClientSampleId :
MH-3MSD



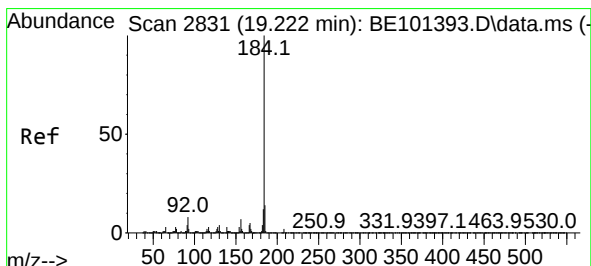
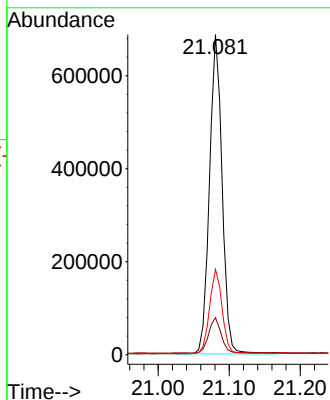
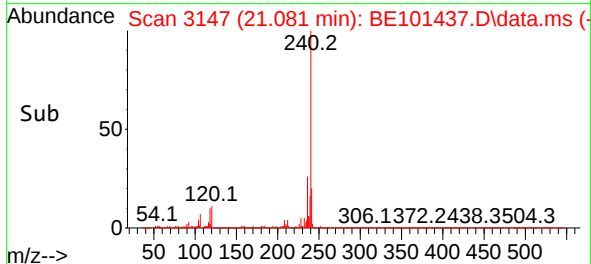
Tgt Ion:240 Resp: 849850
Ion Ratio Lower Upper
240 100
120 11.5 9.0 13.4
236 26.6 21.4 32.0

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

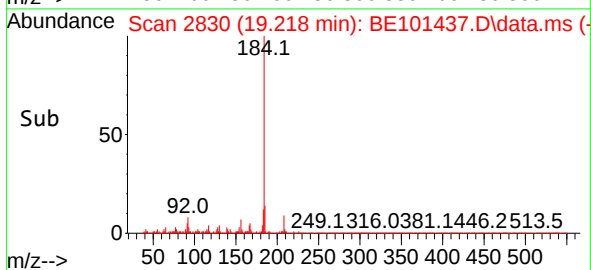
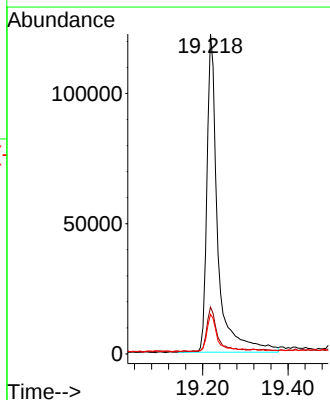
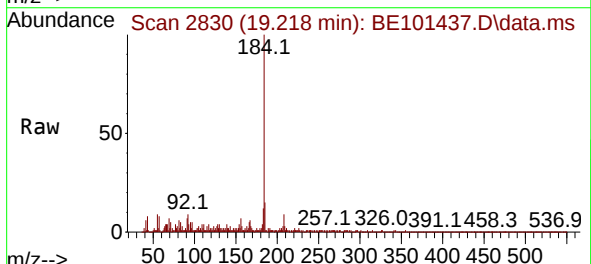
11/04/2024
Supervised By :mohammad
ahmed

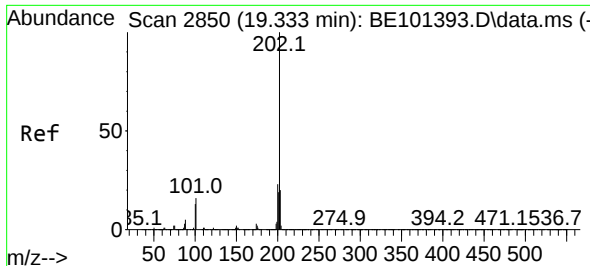
11/04/2024



#77
Benzidine
Concen: 20.046 ng
RT: 19.218 min Scan# 2830
Delta R.T. -0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

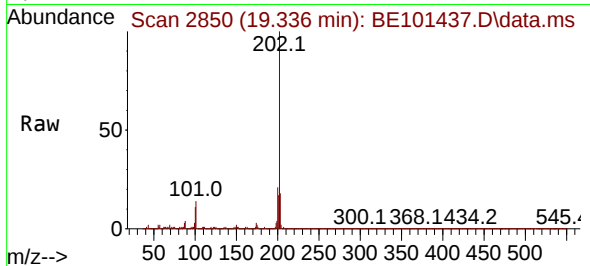
Tgt Ion:184 Resp: 216219
Ion Ratio Lower Upper
184 100
185 14.6 11.5 17.3
183 12.4 9.3 13.9





#78
Pyrene
Concen: 17.425 ng
RT: 19.336 min Scan# 2850
Delta R.T. 0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

Instrument :
BNA_E
ClientSampleId :
MH-3MSD



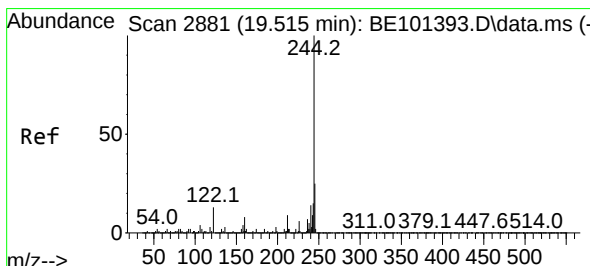
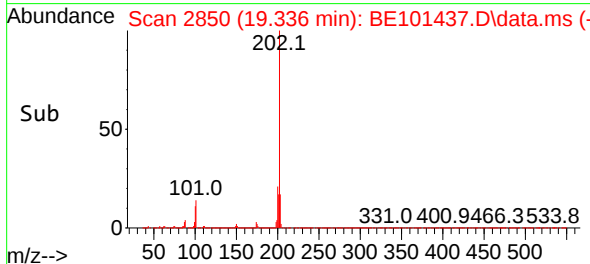
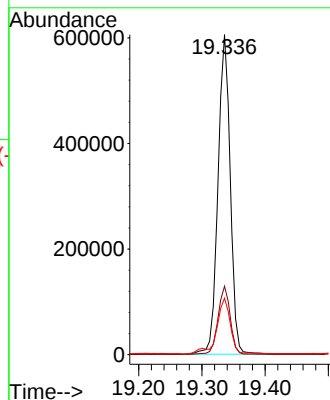
Tgt Ion:202 Resp: 81434
Ion Ratio Lower Upper
202 100
200 21.4 18.6 28.0
203 17.7 15.6 23.4

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

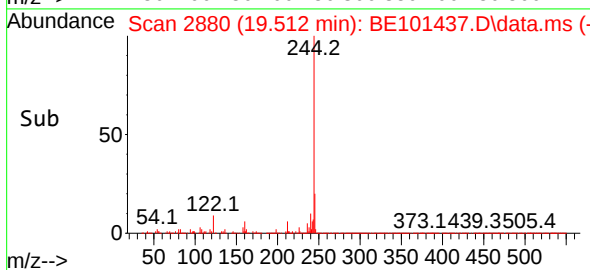
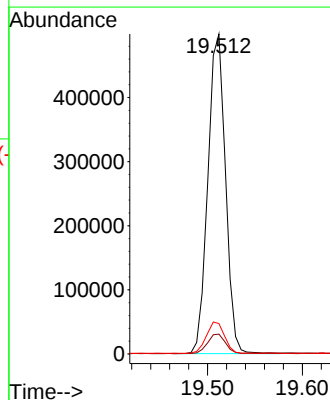
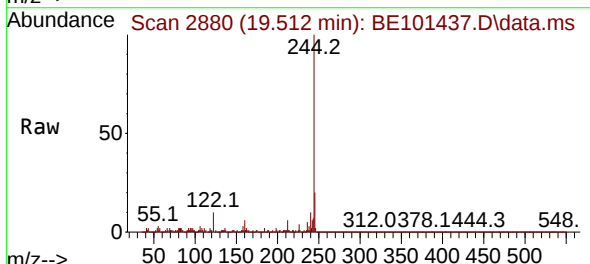
11/04/2024
Supervised By :mohammad
ahmed

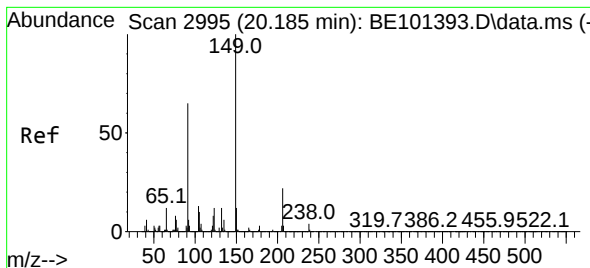
11/04/2024



#79
Terphenyl-d14
Concen: 17.404 ng
RT: 19.512 min Scan# 2880
Delta R.T. -0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

Tgt Ion:244 Resp: 642633
Ion Ratio Lower Upper
244 100
212 6.2 7.2 10.8#
122 9.5 10.4 15.6#





#80

Butylbenzylphthalate

Concen: 12.758 ng

RT: 20.182 min Scan# 2995

Delta R.T. -0.003 min

Lab File: BE101437.D

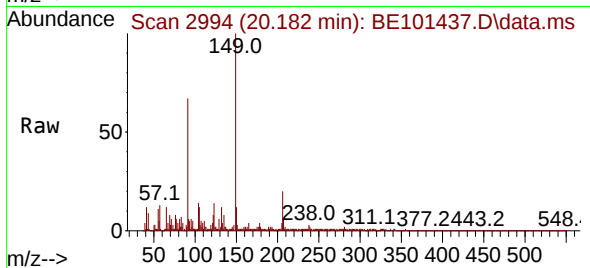
Acq: 31 Oct 2024 17:37

Instrument :

BNA_E

ClientSampleId :

MH-3MSD



Tgt Ion:149 Resp: 261380

Ion Ratio Lower Upper

149 100

91 67.2 51.8 77.8

206 20.3 17.4 26.2

Manual Integrations

APPROVED

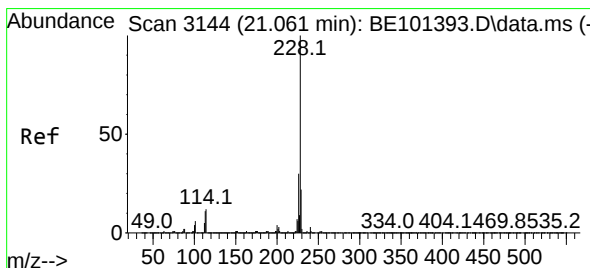
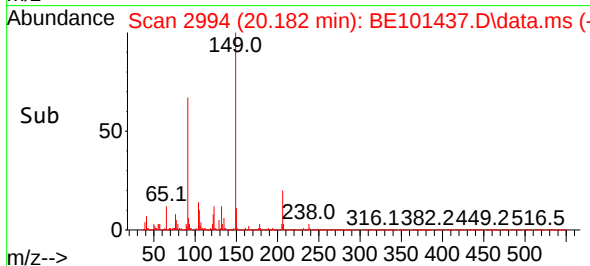
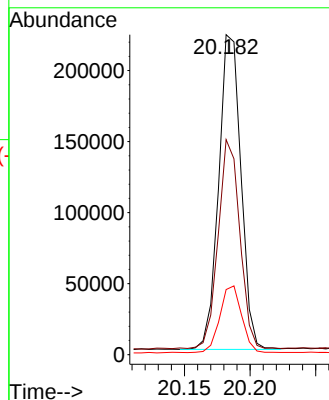
Reviewed By :Yogesh

Patel

11/04/2024

Supervised By :mohammad
ahmed

11/04/2024



#81

Benzo(a)anthracene

Concen: 15.465 ng

RT: 21.063 min Scan# 3144

Delta R.T. 0.003 min

Lab File: BE101437.D

Acq: 31 Oct 2024 17:37

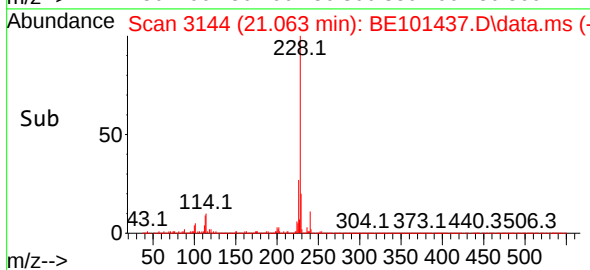
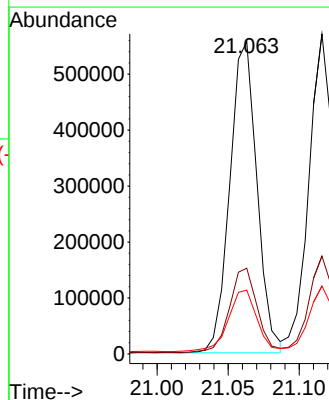
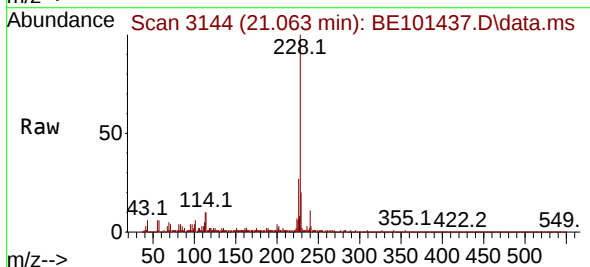
Tgt Ion:228 Resp: 738735

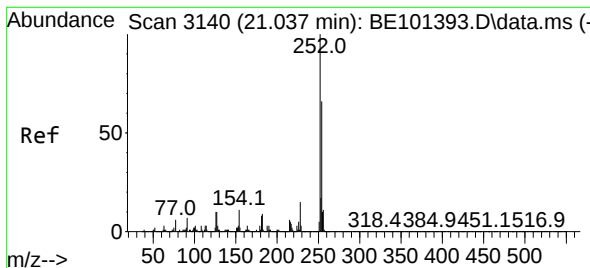
Ion Ratio Lower Upper

228 100

226 27.4 24.1 36.1

229 20.4 17.3 25.9





#82

3,3'-Dichlorobenzidine

Concen: 10.358 ng

RT: 21.034 min Scan# 3140

Delta R.T. -0.003 min

Lab File: BE101437.D

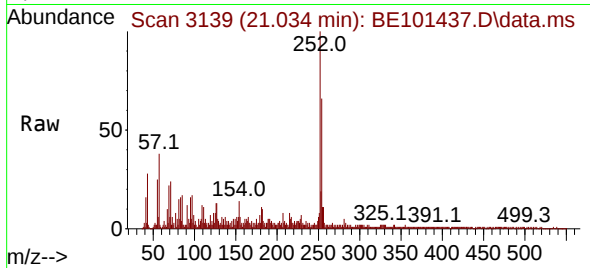
Acq: 31 Oct 2024 17:37

Instrument :

BNA_E

ClientSampleId :

MH-3MSD



Tgt Ion:252 Resp: 193809

Ion Ratio Lower Upper

252 100

254 66.4 52.6 78.8

126 12.5 7.7 11.5

Manual Integrations

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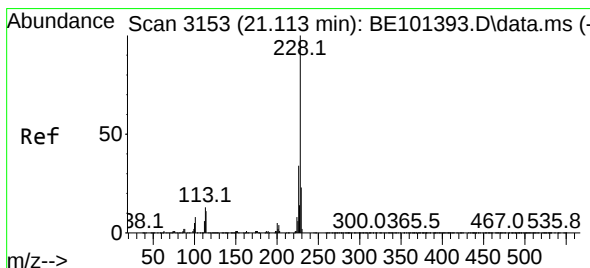
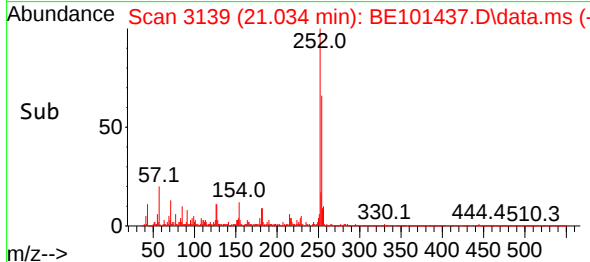
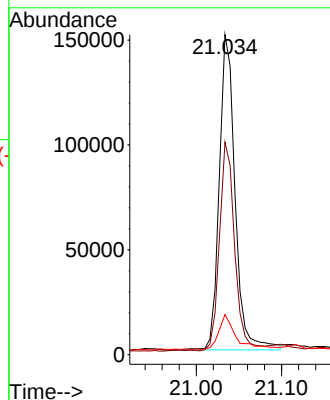
Reviewed By :Yogesh

Patel

11/04/2024

Supervised By :mohammad
ahmed

11/04/2024



#83

Chrysene

Concen: 15.230 ng

RT: 21.116 min Scan# 3153

Delta R.T. 0.003 min

Lab File: BE101437.D

Acq: 31 Oct 2024 17:37

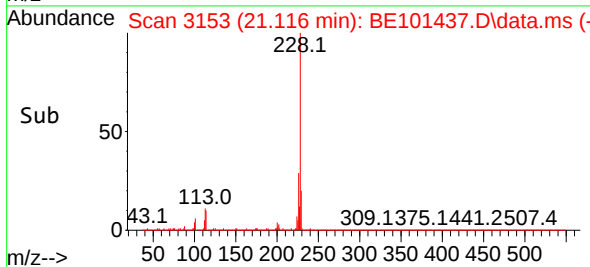
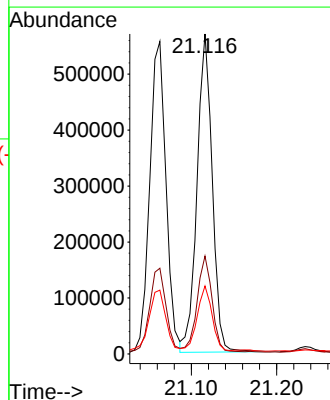
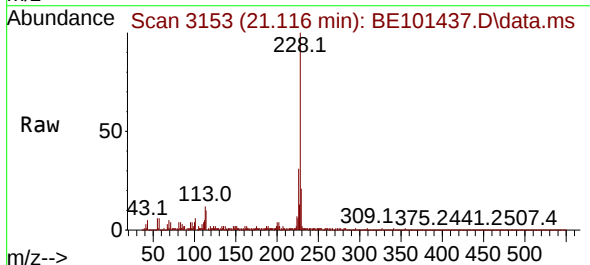
Tgt Ion:228 Resp: 703364

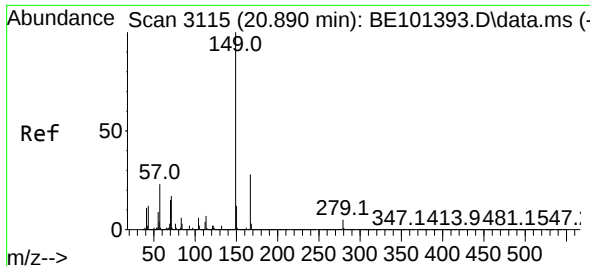
Ion Ratio Lower Upper

228 100

226 30.6 27.2 40.8

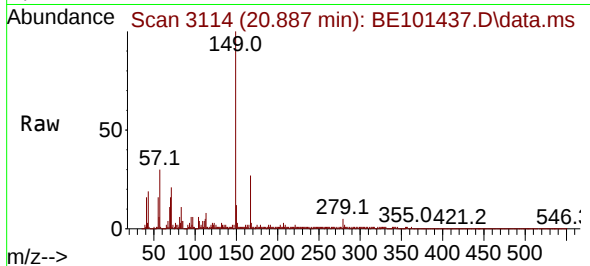
229 21.3 18.0 27.0





#84
 Bis(2-ethylhexyl)phthalate
 Concen: 14.840 ng
 RT: 20.887 min Scan# 3115
 Delta R.T. -0.003 min
 Lab File: BE101437.D
 Acq: 31 Oct 2024 17:37

Instrument :
 BNA_E
 ClientSampleId :
 MH-3MSD



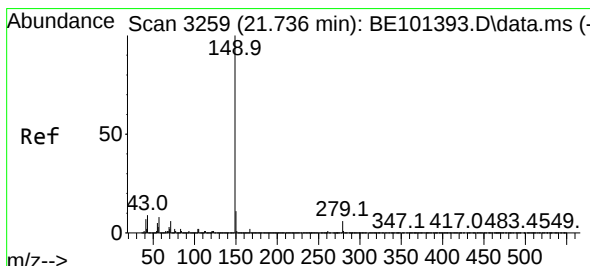
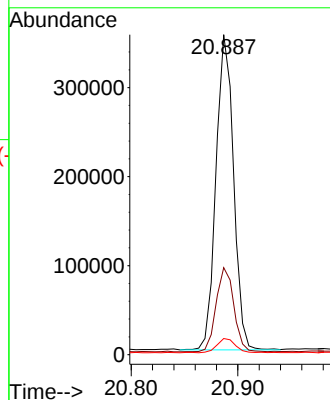
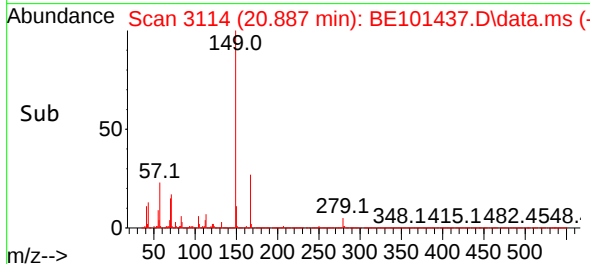
Tgt Ion:149 Resp: 40392
 Ion Ratio Lower Upper
 149 100
 167 27.2 22.7 34.1
 279 5.1 4.3 6.5

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

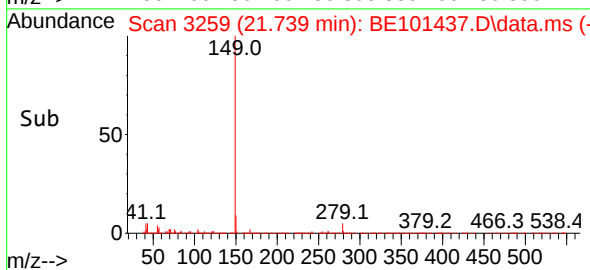
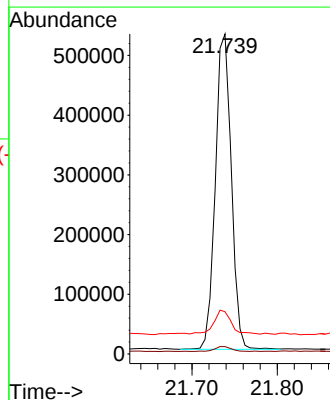
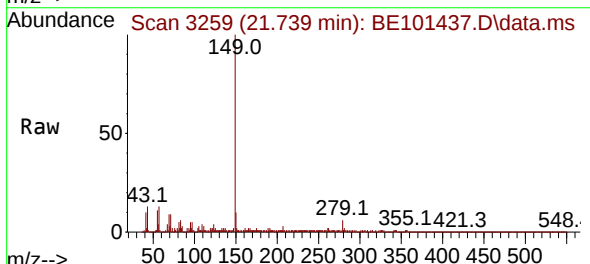
11/04/2024
 Supervised By :mohammad
 ahmed

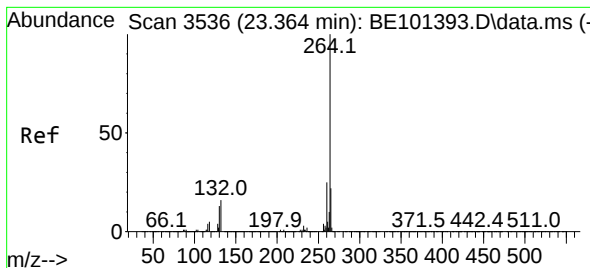
11/04/2024



#85
 Di-n-octyl phthalate
 Concen: 15.357 ng
 RT: 21.739 min Scan# 3259
 Delta R.T. 0.002 min
 Lab File: BE101437.D
 Acq: 31 Oct 2024 17:37

Tgt Ion:149 Resp: 686026
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.4 2.0
 43 9.3 7.0 10.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.378 min Scan# 3536

Delta R.T. 0.014 min

Lab File: BE101437.D

Acq: 31 Oct 2024 17:37

Instrument :

BNA_E

ClientSampleId :

MH-3MSD

Tgt Ion:264 Resp: 110677

Ion Ratio Lower Upper

264 100

260 24.6 19.8 29.8

265 22.9 17.6 26.4

Manual Integrations

APPROVED

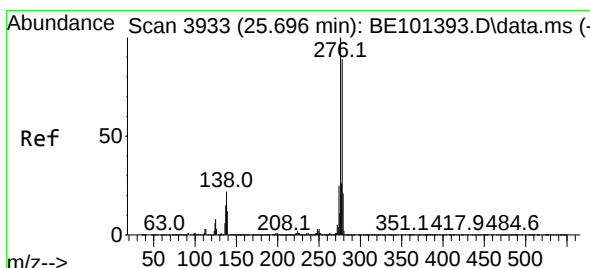
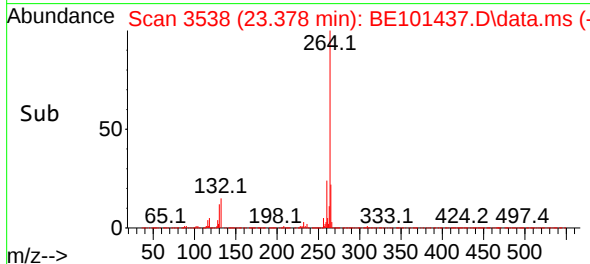
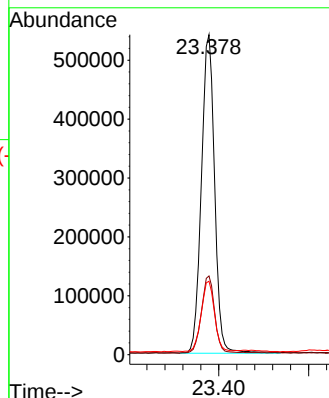
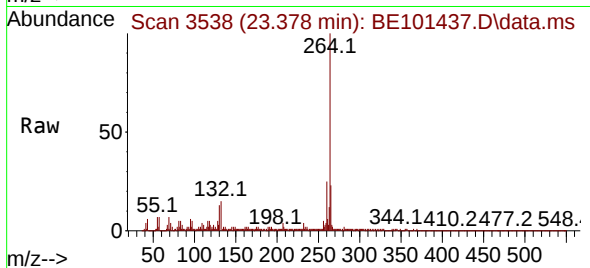
Reviewed By :Yogesh

Patel

11/04/2024

Supervised By :mohammad
ahmed

11/04/2024



#87

Indeno(1,2,3-cd)pyrene

Concen: 13.016 ng

RT: 25.699 min Scan# 3933

Delta R.T. 0.002 min

Lab File: BE101437.D

Acq: 31 Oct 2024 17:37

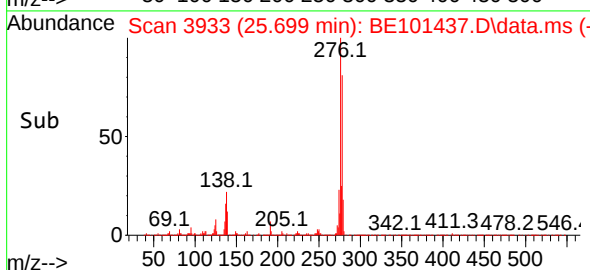
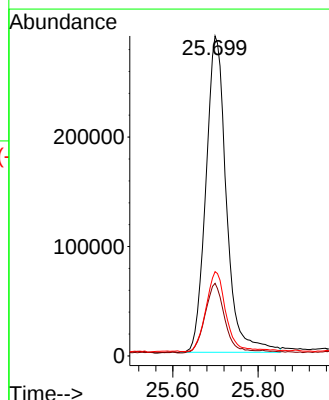
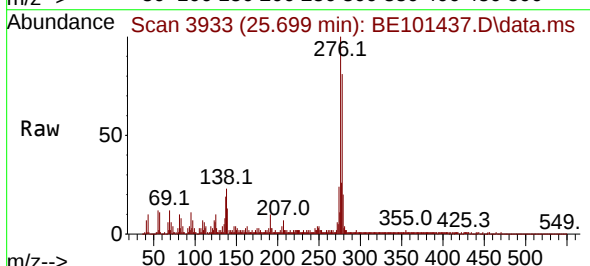
Tgt Ion:276 Resp: 964066

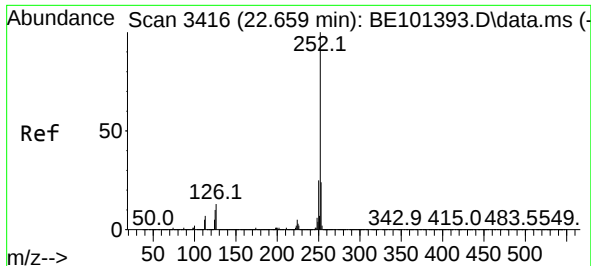
Ion Ratio Lower Upper

276 100

138 21.3 17.8 26.8

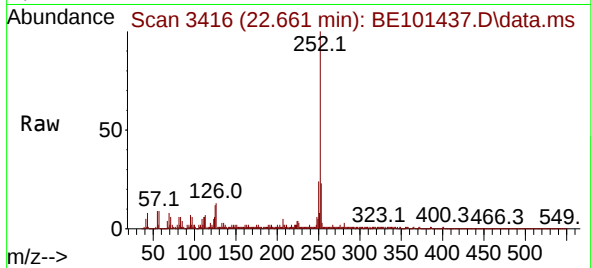
277 24.9 20.5 30.7





#88
Benzo(b)fluoranthene
Concen: 14.411 ng
RT: 22.661 min Scan# 3416
Delta R.T. 0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

Instrument :
BNA_E
ClientSampleId :
MH-3MSD



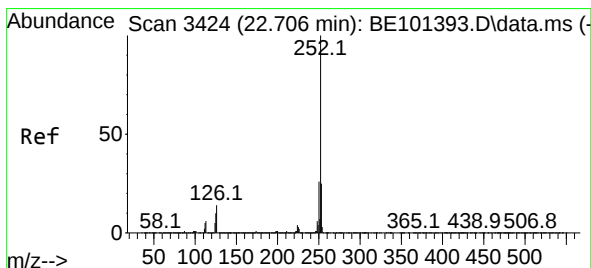
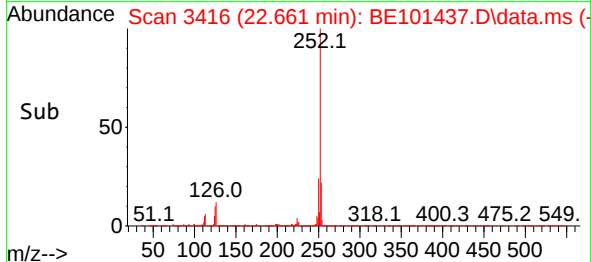
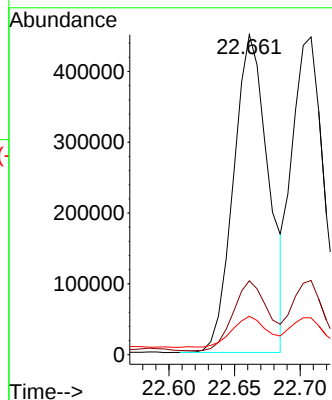
Tgt Ion:252 Resp: 831229
Ion Ratio Lower Upper
252 100
253 23.1 19.0 28.6
125 12.0 8.2 12.2

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

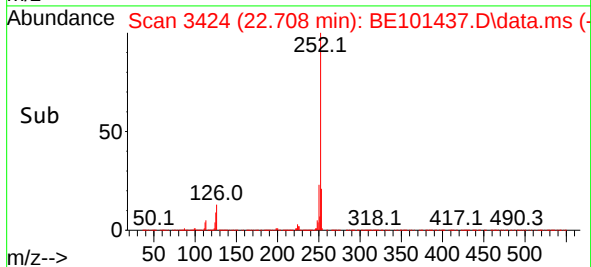
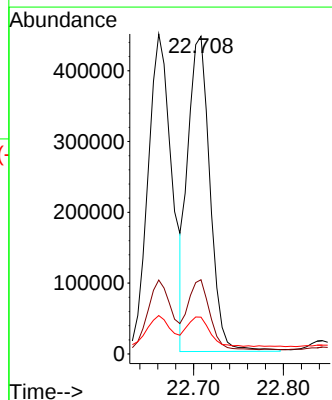
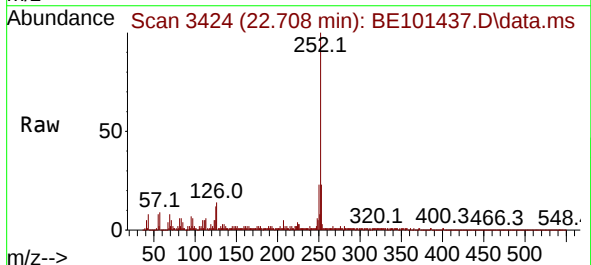
11/04/2024
Supervised By :mohammad
ahmed

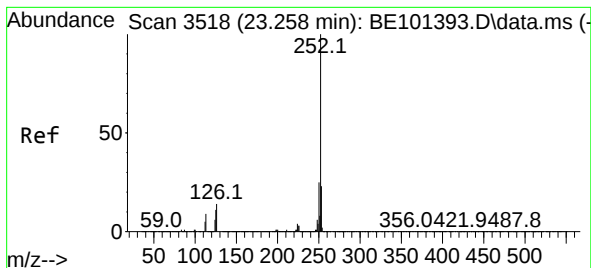
11/04/2024



#89
Benzo(k)fluoranthene
Concen: 14.113 ng
RT: 22.708 min Scan# 3424
Delta R.T. 0.003 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

Tgt Ion:252 Resp: 760501
Ion Ratio Lower Upper
252 100
253 23.3 19.4 29.2
125 11.6 8.2 12.2





#90

Benzo(a)pyrene

Concen: 15.434 ng

RT: 23.266 min Scan# 3518

Delta R.T. 0.008 min

Lab File: BE101437.D

Acq: 31 Oct 2024 17:37

Instrument :

BNA_E

ClientSampleId :

MH-3MSD

Tgt Ion:	252	Resp:	77851
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.4	27.6
125	13.3	9.0	13.6

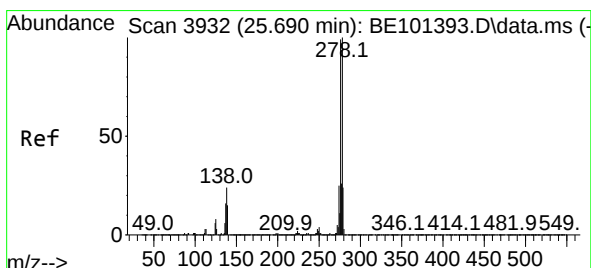
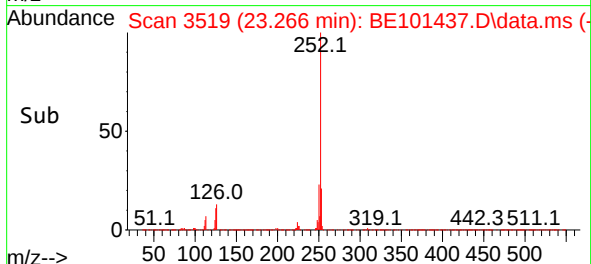
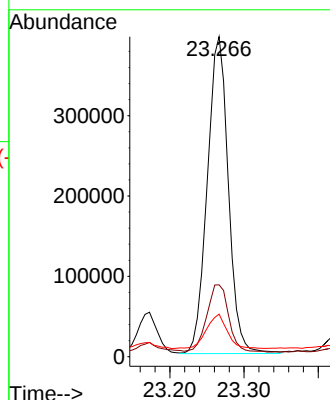
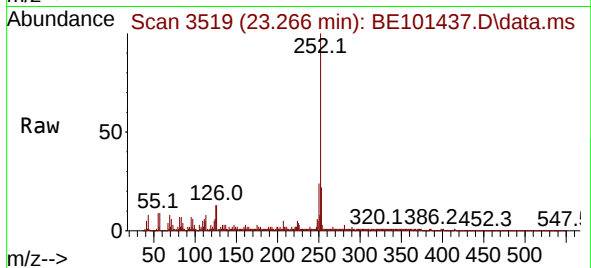
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

11/04/2024

Supervised By :mohammad
ahmed

11/04/2024



#91

Dibenzo(a,h)anthracene

Concen: 12.435 ng

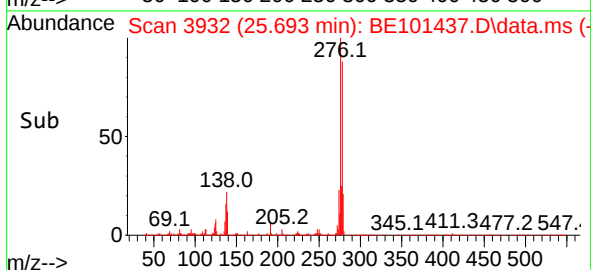
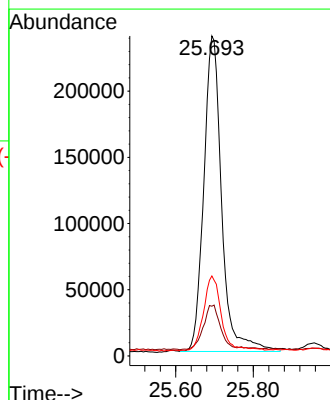
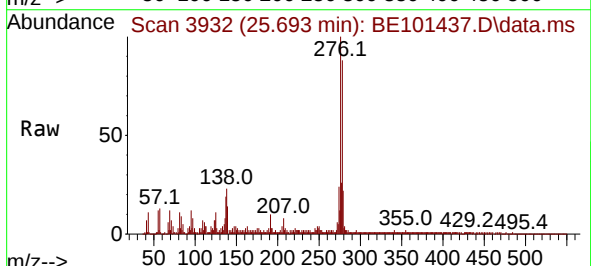
RT: 25.693 min Scan# 3932

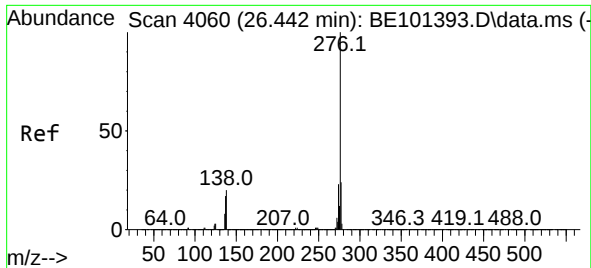
Delta R.T. 0.002 min

Lab File: BE101437.D

Acq: 31 Oct 2024 17:37

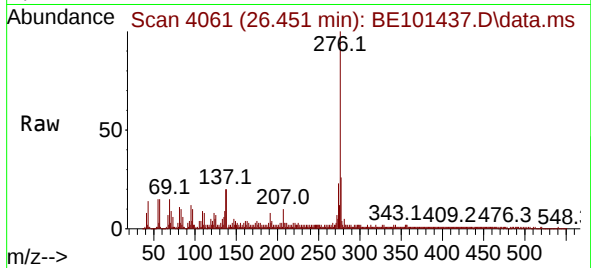
Tgt Ion:	278	Resp:	761074
Ion Ratio	Lower	Upper	
278	100		
139	15.6	11.9	17.9
279	25.0	19.3	28.9





#92
Benzo(g,h,i)perylene
Concen: 11.690 ng
RT: 26.451 min Scan# 4061
Delta R.T. 0.008 min
Lab File: BE101437.D
Acq: 31 Oct 2024 17:37

Instrument :
BNA_E
ClientSampleId :
MH-3MSD



Tgt Ion:276 Resp: 737163
Ion Ratio Lower Upper
276 100
277 25.6 19.4 29.2
138 19.9 15.8 23.6

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

11/04/2024
Supervised By :mohammad
ahmed

