

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050324\
 Data File : BF137833.D
 Acq On : 03 May 2024 17:20
 Operator : CG\JU
 Sample : P2354-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 V359MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

05/04/2024
 Supervised By :mohammad
 ahmed

Quant Time: May 03 17:48:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	155290	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	624689	20.000	ng	0.00
39) Acenaphthene-d10	10.098	164	353467	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	554601	20.000	ng	0.00
76) Chrysene-d12	14.245	240	266803	20.000	ng	# 0.00
86) Perylene-d12	15.809	264	299754	20.000	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.692	112	1057917	114.061	ng	0.02
7) Phenol-d6	6.675	99	1257524	106.892	ng	0.00
23) Nitrobenzene-d5	7.616	82	902996	83.982	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	463151	128.333	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	1904872	87.431	ng	0.00
79) Terphenyl-d14	13.180	244	1595029	100.188	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	136685	32.726	ng	# 83
3) Pyridine	3.851	79	273818	27.088	ng	96
4) n-Nitrosodimethylamine	3.804	42	174445	38.324	ng	97
6) Aniline	6.716	93	208600	17.890	ng	99
8) 2-Chlorophenol	6.839	128	444285	43.955	ng	98
9) Benzaldehyde	6.610	77	146127	23.065	ng	97
10) Phenol	6.687	94	462264	38.347	ng	97
11) bis(2-Chloroethyl)ether	6.787	93	388589	41.169	ng	99
12) 1,3-Dichlorobenzene	6.998	146	446119	39.139	ng	97
13) 1,4-Dichlorobenzene	7.069	146	447487	39.126	ng	98
14) 1,2-Dichlorobenzene	7.222	146	435138	40.395	ng	98
15) Benzyl Alcohol	7.192	79	377950	46.456	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.316	45	498933	37.606	ng	96
17) 2-Methylphenol	7.292	107	359456	44.073	ng	99
18) Hexachloroethane	7.569	117	159596	41.277	ng	98
19) n-Nitroso-di-n-propyla...	7.463	70	304067	43.249	ng	96
20) 3+4-Methylphenols	7.445	107	454314	42.339	ng	94
22) Acetophenone	7.463	105	614143	43.713	ng	98
24) Nitrobenzene	7.634	77	449833	40.592	ng	100
25) Isophorone	7.869	82	866327	44.687	ng	99
26) 2-Nitrophenol	7.951	139	241968	48.217	ng	93
27) 2,4-Dimethylphenol	7.975	122	339975	47.058	ng	93
28) bis(2-Chloroethoxy)met...	8.075	93	510315	43.476	ng	99
29) 2,4-Dichlorophenol	8.186	162	398924	45.683	ng	99
30) 1,2,4-Trichlorobenzene	8.275	180	398826	41.895	ng	98
31) Naphthalene	8.363	128	1321657	42.573	ng	99
32) Benzoic acid	8.092	122	276273	44.326	ng	97
33) 4-Chloroaniline	8.398	127	80476	6.991	ng	97
34) Hexachlorobutadiene	8.469	225	245284	41.968	ng	100
35) Caprolactam	8.775	113	110218m	39.836	ng	
36) 4-Chloro-3-methylphenol	8.875	107	419123	46.025	ng	92
37) 2-Methylnaphthalene	9.051	142	888019	44.191	ng	100
38) 1-Methylnaphthalene	9.151	142	829089	41.936	ng	99
40) 1,2,4,5-Tetrachloroben...	9.216	216	420700	44.938	ng	99
41) Hexachlorocyclopentadiene	9.204	237	474185	124.703	ng	99
43) 2,4,6-Trichlorophenol	9.328	196	297537	46.690	ng	99

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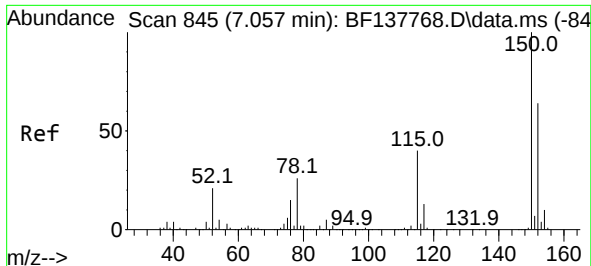
Reviewed By :Yogesh
 Patel

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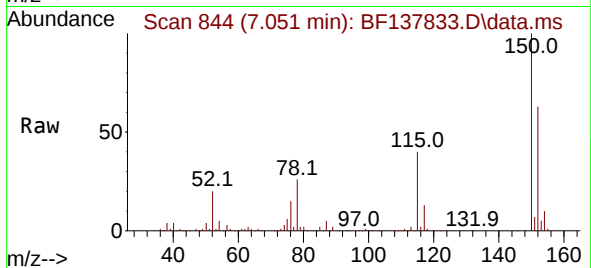
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.369	196	322222	45.792	ng	99
46) 1,1'-Biphenyl	9.516	154	1112098	45.845	ng	98
47) 2-Chloronaphthalene	9.545	162	852666	43.538	ng	98
48) 2-Nitroaniline	9.639	65	232033	43.685	ng	93
49) Acenaphthylene	9.963	152	1353871	47.789	ng	99
50) Dimethylphthalate	9.816	163	1060658	47.533	ng	99
51) 2,6-Dinitrotoluene	9.880	165	236373	46.353	ng	87
52) Acenaphthene	10.133	154	906853	48.292	ng	99
53) 3-Nitroaniline	10.045	138	109313	20.470	ng	93
54) 2,4-Dinitrophenol	10.157	184	238950	95.364	ng	96
55) Dibenzofuran	10.310	168	1215860	44.493	ng	99
56) 4-Nitrophenol	10.198	139	267864	60.521	ng	92
57) 2,4-Dinitrotoluene	10.286	165	302331	45.381	ng	91
58) Fluorene	10.651	166	947295	43.557	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.422	232	257247	45.030	ng	97
60) Diethylphthalate	10.516	149	1004918	47.418	ng	99
61) 4-Chlorophenyl-phenyle...	10.639	204	478639	44.665	ng	95
62) 4-Nitroaniline	10.669	138	180555	33.334	ng	91
63) Azobenzene	10.798	77	890361	43.469	ng	99
65) 4,6-Dinitro-2-methylph...	10.692	198	163441	51.345	ng	89
66) n-Nitrosodiphenylamine	10.757	169	826364	49.777	ng	99
67) 4-Bromophenyl-phenylether	11.133	248	294385	49.598	ng	98
68) Hexachlorobenzene	11.198	284	311245	47.985	ng	99
69) Atrazine	11.280	200	271159	53.568	ng	97
70) Pentachlorophenol	11.392	266	364590	81.873	ng	99
71) Phenanthrene	11.622	178	1230158	45.507	ng	99
72) Anthracene	11.674	178	1250752	46.502	ng	99
73) Carbazole	11.822	167	1013522	39.099	ng	99
74) Di-n-butylphthalate	12.145	149	1414501	50.024	ng	99
75) Fluoranthene	12.810	202	1066097	36.079	ng	100
77) Benzidine	12.927	184	77909	12.626	ng	99
78) Pyrene	13.045	202	1027526	48.573	ng	99
80) Butylbenzylphthalate	13.651	149	412256	61.422	ng	92
81) Benzo(a)anthracene	14.233	228	807221	47.304	ng	97
82) 3,3'-Dichlorobenzidine	14.186	252	162660	31.841	ng	100
83) Chrysene	14.268	228	765507	47.910	ng	99
84) Bis(2-ethylhexyl)phtha...	14.204	149	575396	68.023	ng	98
85) Di-n-octyl phthalate	14.827	149	908358	79.792	ng	97
87) Indeno(1,2,3-cd)pyrene	17.445	276	726939	42.656	ng	98
88) Benzo(b)fluoranthene	15.339	252	803413	43.079	ng	99
89) Benzo(k)fluoranthene	15.368	252	813763	45.144	ng	99
90) Benzo(a)pyrene	15.745	252	743927	48.894	ng	99
91) Dibenzo(a,h)anthracene	17.462	278	590077	42.538	ng	100
92) Benzo(g,h,i)perylene	17.945	276	537975	36.995	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

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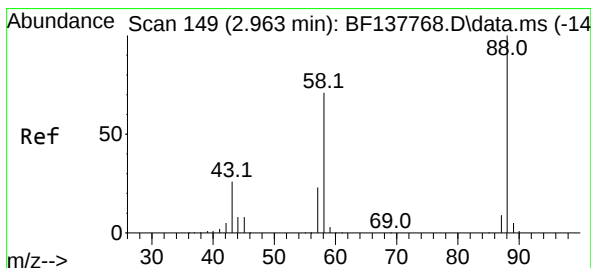
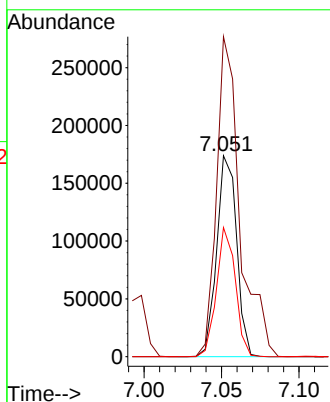
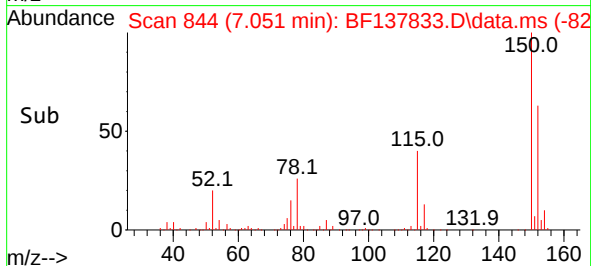
Tgt Ion:152 Resp: 155290
Ion Ratio Lower Upper
152 100
150 159.2 124.1 186.1
115 64.2 49.1 73.7

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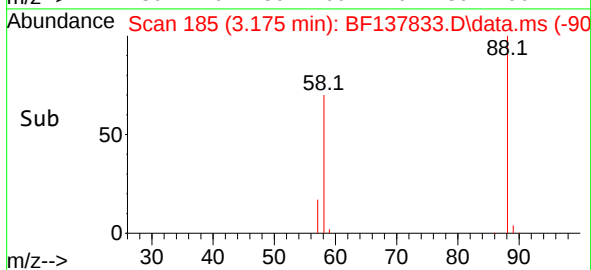
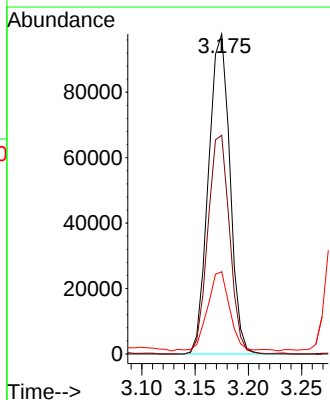
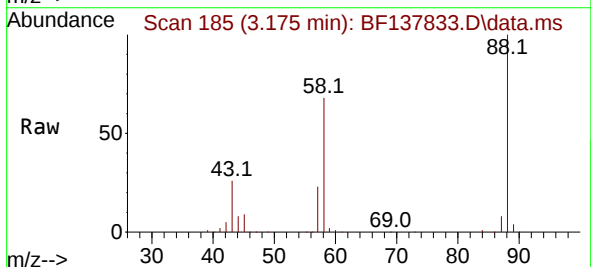
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ahmed

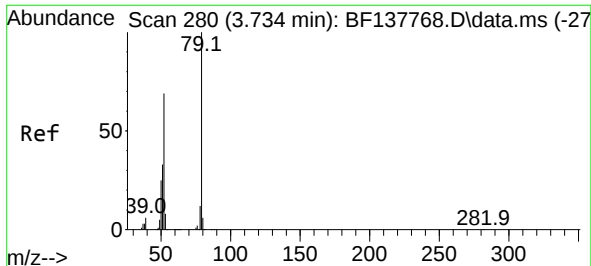
05/06/2024



#2
1,4-Dioxane
Concen: 32.726 ng
RT: 3.175 min Scan# 185
Delta R.T. 0.212 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

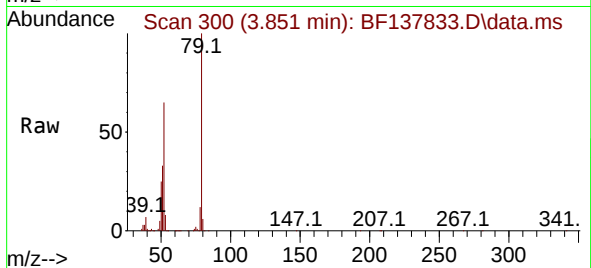
Tgt Ion: 88 Resp: 136685
Ion Ratio Lower Upper
88 100
58 69.4 58.8 88.2
43 0.0 21.4 32.0





#3
Pyridine
Concen: 27.088 ng
RT: 3.851 min Scan# 30
Delta R.T. 0.118 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

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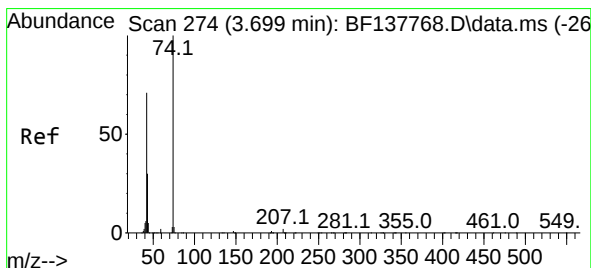
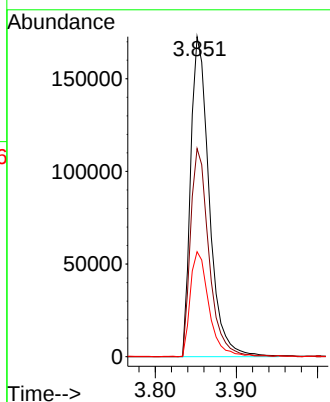
Tgt Ion: 79 Resp: 273818
Ion Ratio Lower Upper
79 100
52 65.0 55.5 83.3
51 32.8 26.9 40.3

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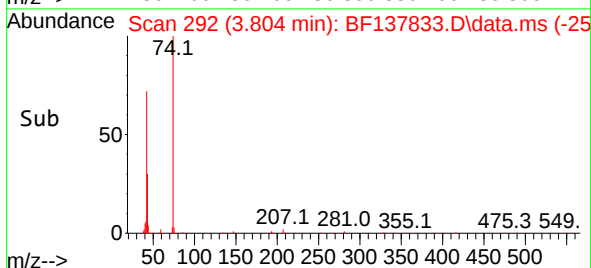
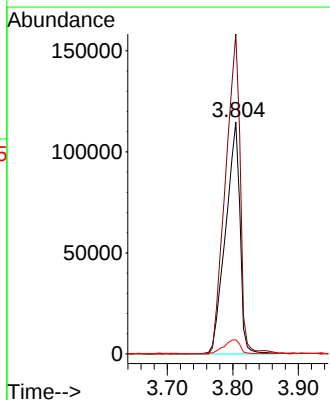
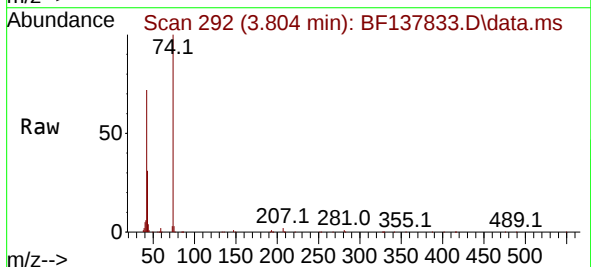
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Supervised By :mohammad
ahmed

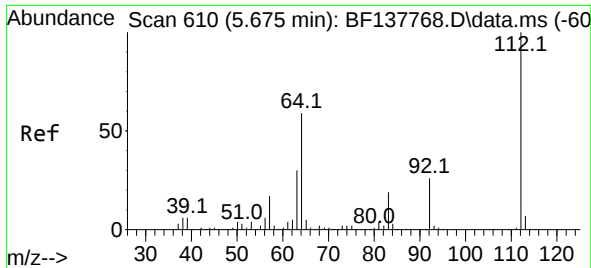
05/06/2024



#4
n-Nitrosodimethylamine
Concen: 38.324 ng
RT: 3.804 min Scan# 292
Delta R.T. 0.106 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

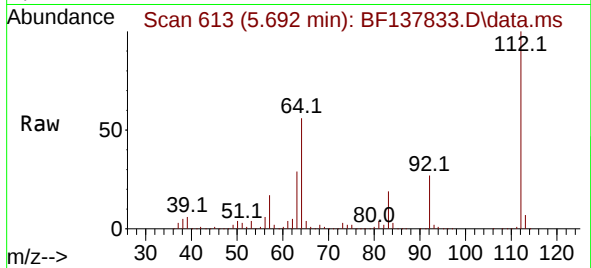
Tgt Ion: 42 Resp: 174445
Ion Ratio Lower Upper
42 100
74 138.0 112.9 169.3
44 6.2 5.6 8.4





#5
2-Fluorophenol
Concen: 114.061 ng
RT: 5.692 min Scan# 610
Delta R.T. 0.018 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Instrument :
BNA_F
ClientSampleId :
V359MSD



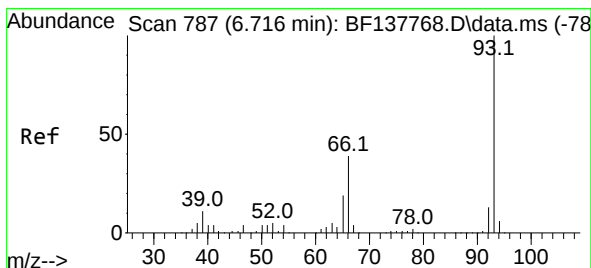
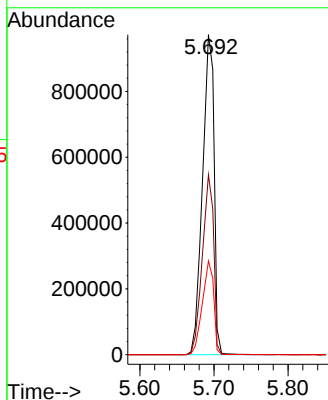
Tgt Ion:112 Resp: 105791
Ion Ratio Lower Upper
112 100
64 56.3 47.3 70.9
63 29.3 23.7 35.5

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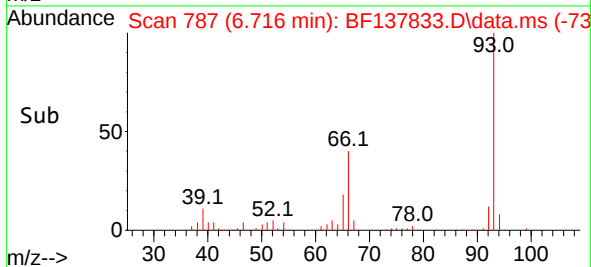
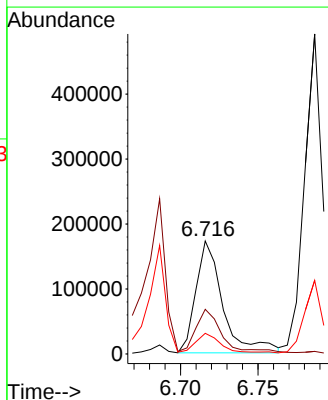
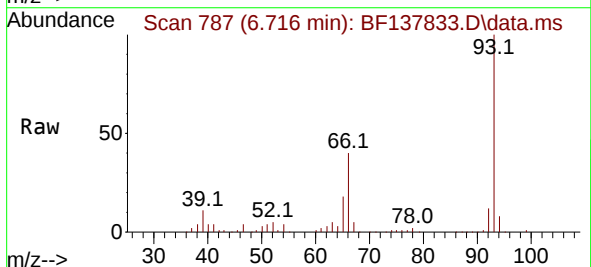
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ahmed

05/06/2024



#6
Aniline
Concen: 17.890 ng
RT: 6.716 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

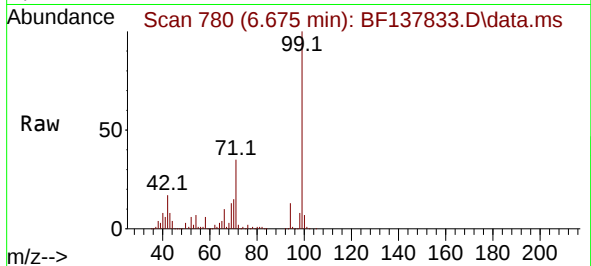
Tgt Ion: 93 Resp: 208600
Ion Ratio Lower Upper
93 100
66 39.5 31.8 47.6
65 18.3 15.4 23.2





#7
Phenol-d6
Concen: 106.892 ng
RT: 6.675 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Instrument :
BNA_F
ClientSampleId :
V359MSD



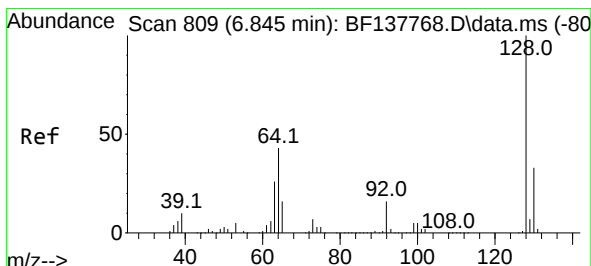
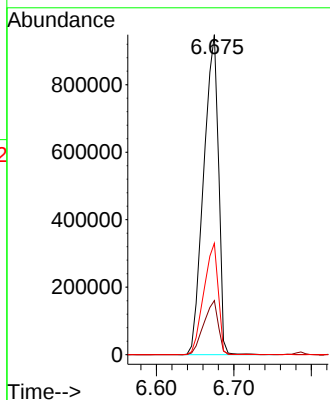
Tgt Ion: 99 Resp: 1257524
Ion Ratio Lower Upper
99 100
42 16.9 13.2 19.8
71 34.8 25.0 37.4

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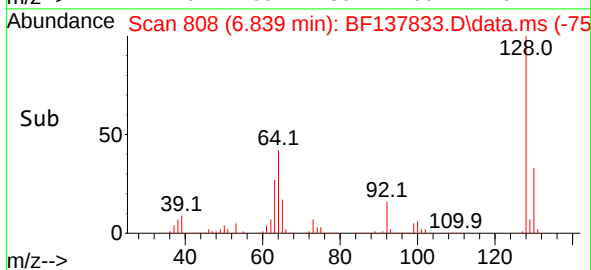
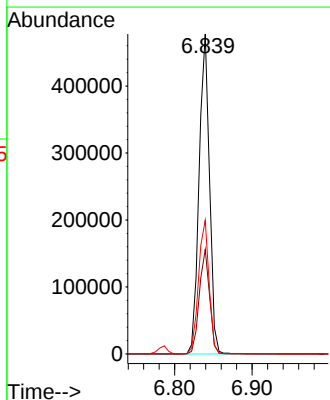
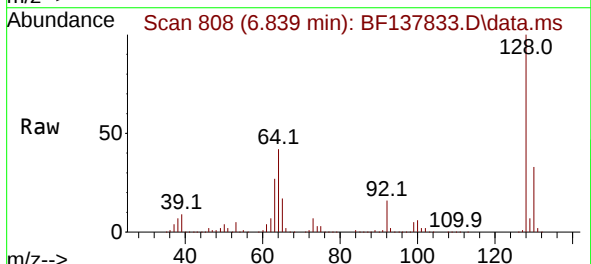
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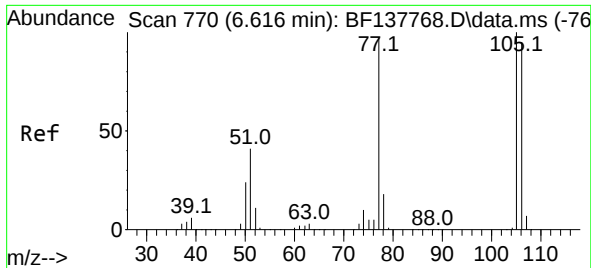
05/06/2024



#8
2-Chlorophenol
Concen: 43.955 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Tgt Ion:128 Resp: 444285
Ion Ratio Lower Upper
128 100
130 32.7 12.5 52.5
64 41.8 23.9 63.9





#9
Benzaldehyde
Concen: 23.065 ng
RT: 6.610 min Scan# 770
Delta R.T. -0.006 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Instrument :
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ClientSampleId :
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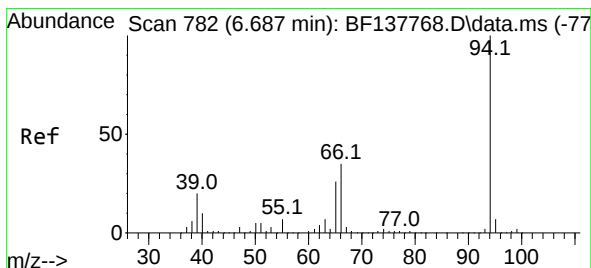
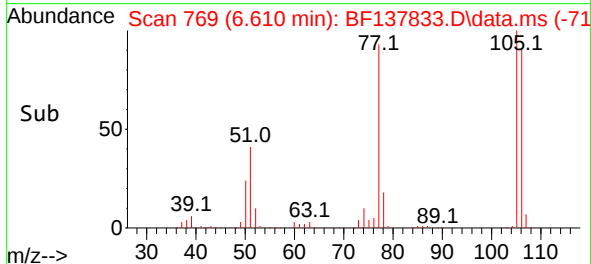
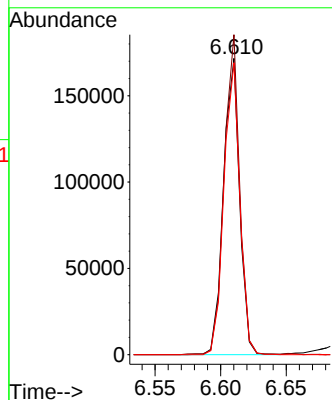
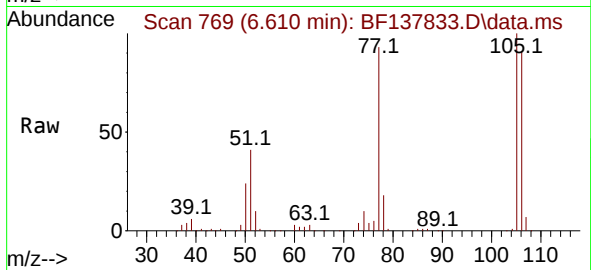
Tgt Ion: 77 Resp: 14612
Ion Ratio Lower Upper
77 100
105 108.0 83.2 123.2
106 98.5 77.7 117.7

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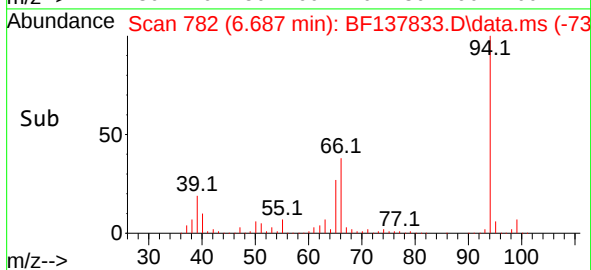
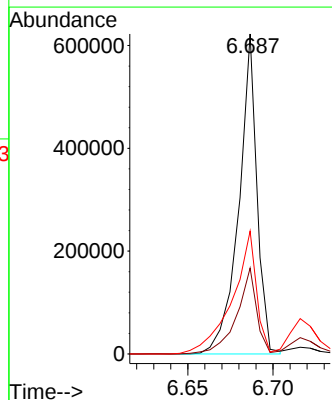
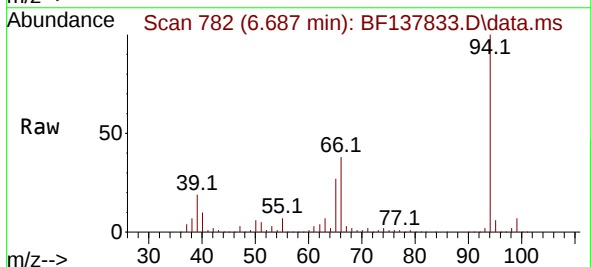
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ahmed

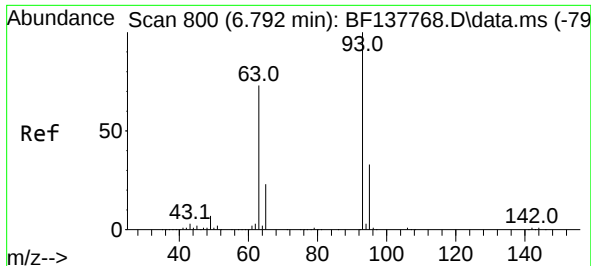
05/06/2024



#10
Phenol
Concen: 38.347 ng
RT: 6.687 min Scan# 782
Delta R.T. -0.000 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Tgt Ion: 94 Resp: 462264
Ion Ratio Lower Upper
94 100
65 26.8 6.4 46.4
66 38.4 15.4 55.4





#11
bis(2-Chloroethyl)ether
Concen: 41.169 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Instrument :
BNA_F
ClientSampleId :
V359MSD

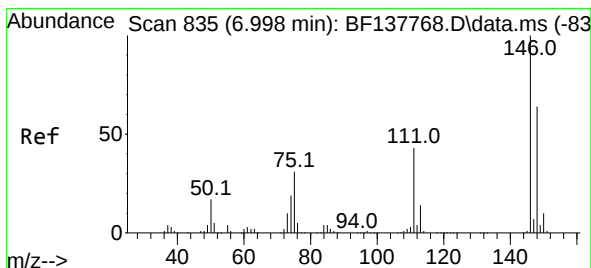
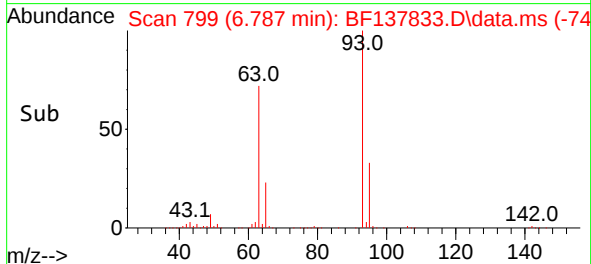
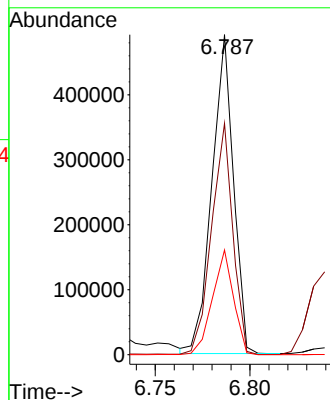
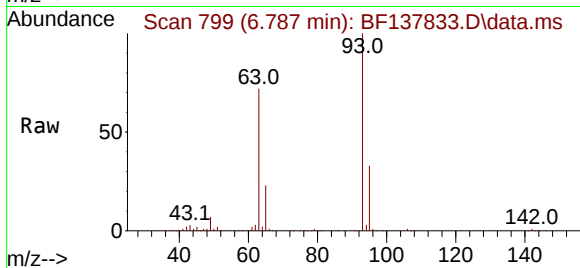
Tgt Ion: 93 Resp: 388589
Ion Ratio Lower Upper
93 100
63 72.3 51.6 91.6
95 32.7 12.1 52.1

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Reviewed By :Yogesh
Patel

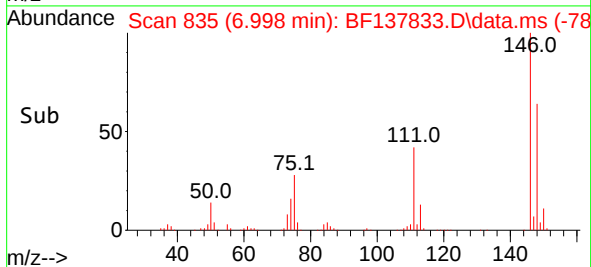
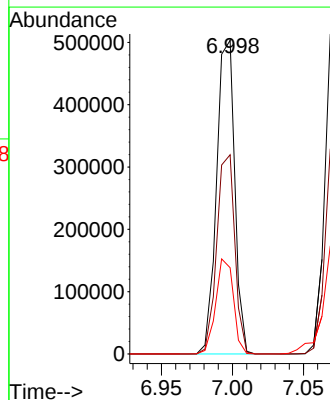
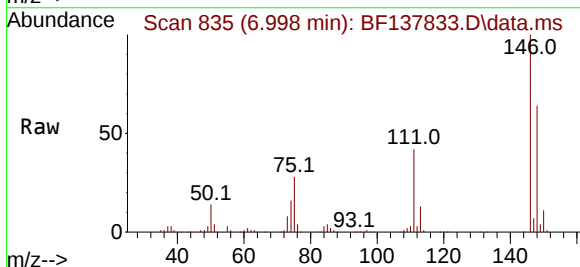
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Supervised By :mohammad
ahmed

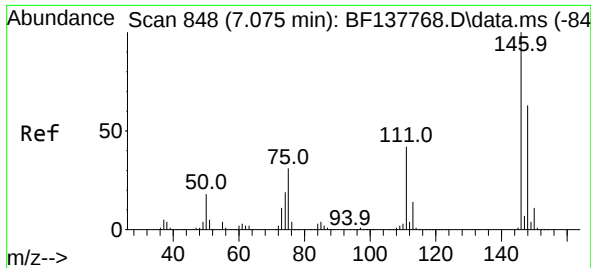
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#12
1,3-Dichlorobenzene
Concen: 39.139 ng
RT: 6.998 min Scan# 835
Delta R.T. -0.000 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Tgt Ion:146 Resp: 446119
Ion Ratio Lower Upper
146 100
148 63.5 51.2 76.8
75 27.5 25.1 37.7





#13
1,4-Dichlorobenzene
Concen: 39.126 ng
RT: 7.069 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Instrument :
BNA_F
ClientSampleId :
V359MSD

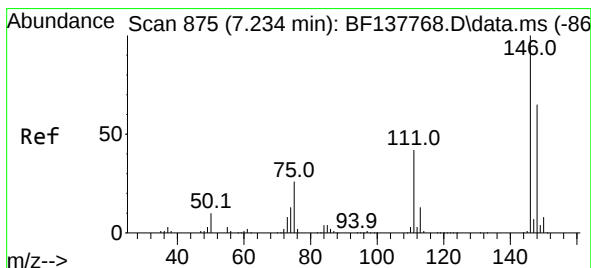
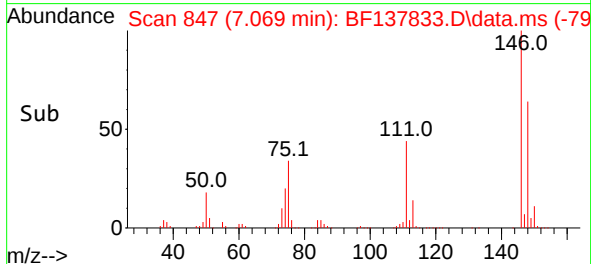
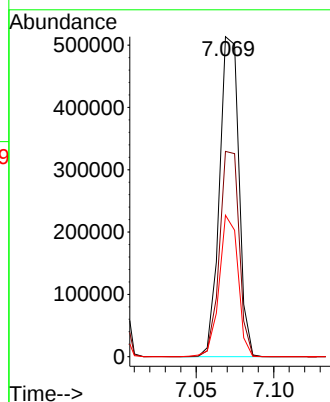
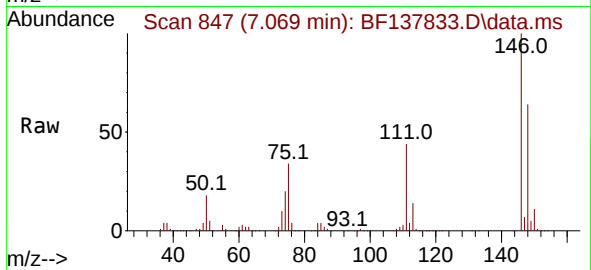
Tgt Ion:146 Resp: 44748
Ion Ratio Lower Upper
146 100
148 64.2 50.7 76.1
111 44.2 33.8 50.8

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Reviewed By :Yogesh
Patel

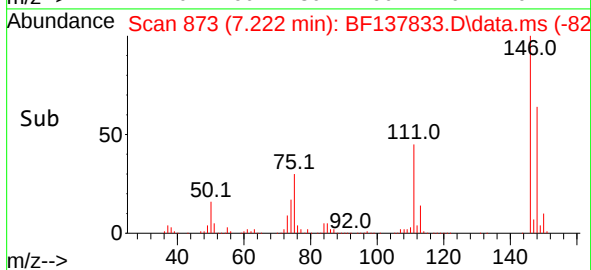
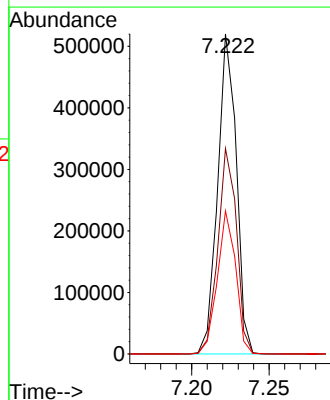
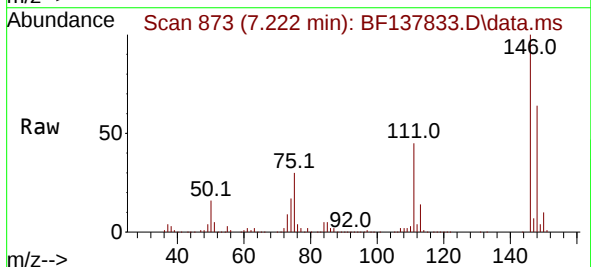
05/04/2024
Supervised By :mohammad
ahmed

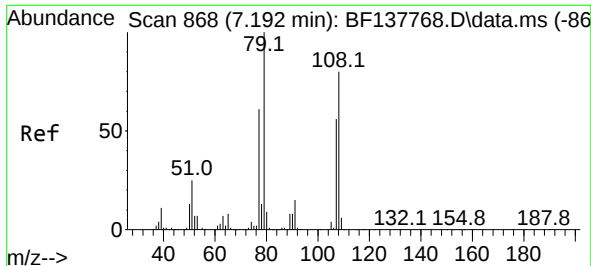
05/06/2024



#14
1,2-Dichlorobenzene
Concen: 40.395 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

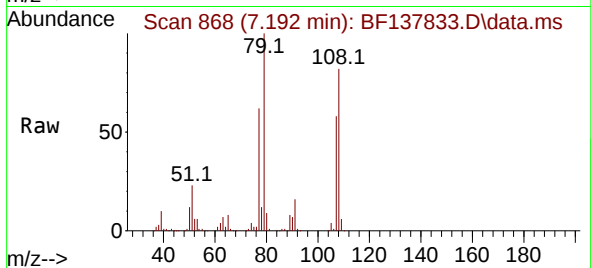
Tgt Ion:146 Resp: 435138
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
111 44.7 33.6 50.4





#15
Benzyl Alcohol
Concen: 46.456 ng
RT: 7.192 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Instrument :
BNA_F
ClientSampleId :
V359MSD



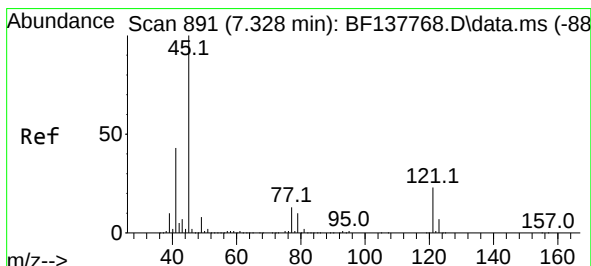
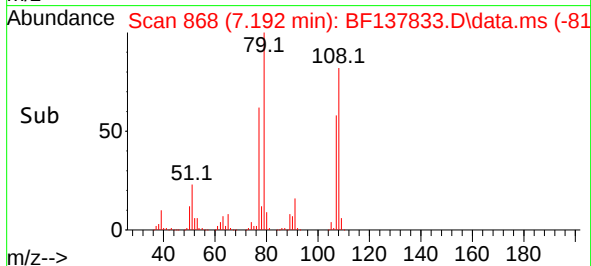
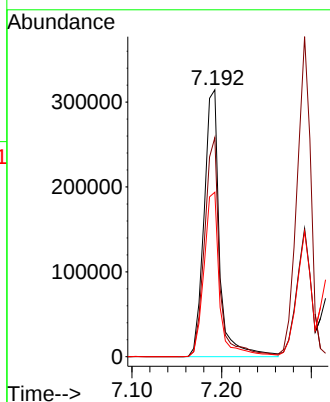
Tgt Ion: 79 Resp: 377950
Ion Ratio Lower Upper
79 100
108 82.0 64.2 96.2
77 61.6 48.5 72.7

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Reviewed By :Yogesh
Patel

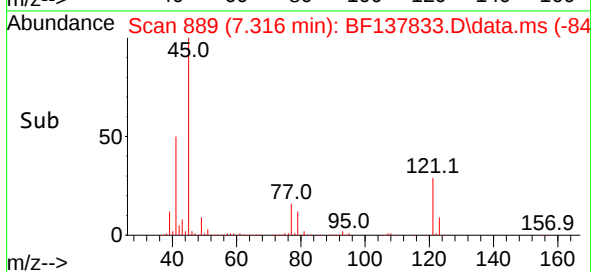
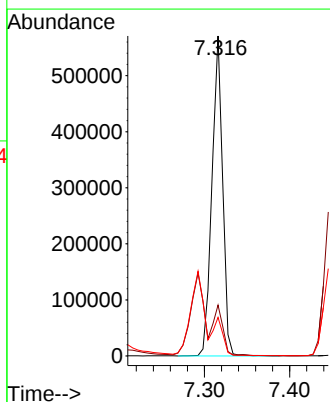
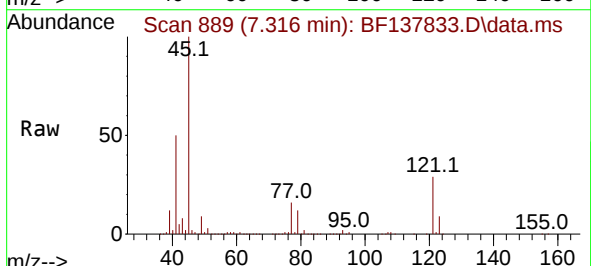
05/04/2024
Supervised By :mohammad
ahmed

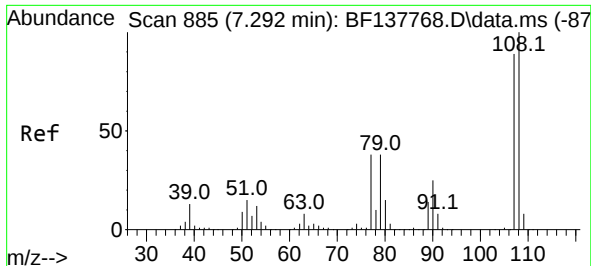
05/06/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.606 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

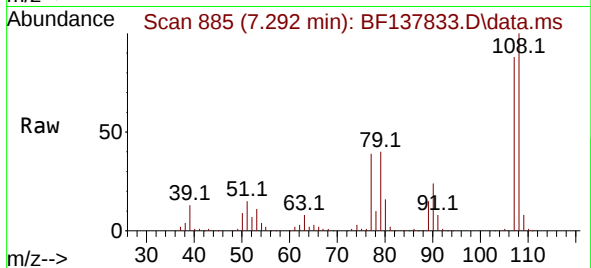
Tgt Ion: 45 Resp: 498933
Ion Ratio Lower Upper
45 100
77 15.9 0.0 33.8
79 12.1 0.0 31.0





#17
2-Methylphenol
Concen: 44.073 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Instrument :
BNA_F
ClientSampleId :
V359MSD



Tgt Ion:107 Resp: 359450

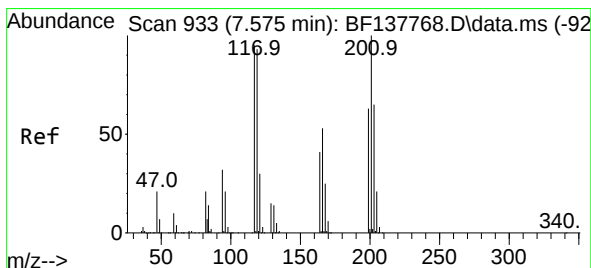
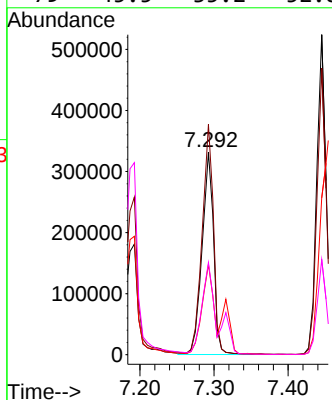
Ion	Ratio	Lower	Upper
107	100		
108	113.7	90.5	135.7
77	44.6	34.5	51.7
79	45.5	35.2	52.8

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Reviewed By :Yogesh
Patel

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Supervised By :mohammad
ahmed

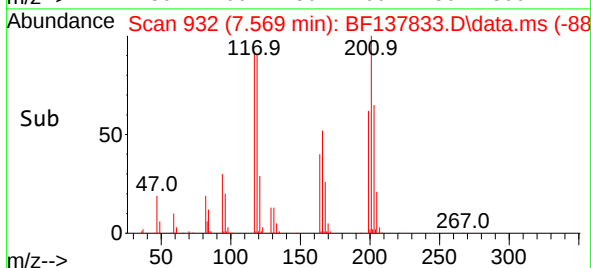
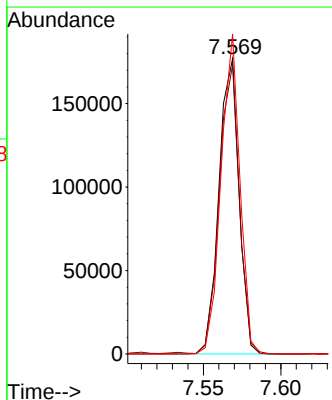
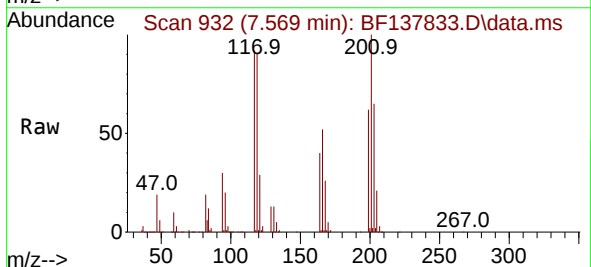
05/06/2024

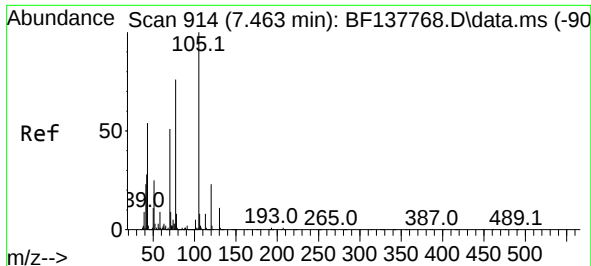


#18
Hexachloroethane
Concen: 41.277 ng
RT: 7.569 min Scan# 932
Delta R.T. -0.006 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Tgt Ion:117 Resp: 159596

Ion	Ratio	Lower	Upper
117	100		
119	97.9	77.6	116.4
201	108.4	83.8	125.8





#19

n-Nitroso-di-n-propylamine

Concen: 43.249 ng

RT: 7.463 min Scan# 914

Delta R.T. -0.000 min

Lab File: BF137833.D

Acq: 03 May 2024 17:20

Instrument :

BNA_F

ClientSampleId :

V359MSD

Tgt Ion: 70 Resp: 30406

Ion Ratio Lower Upper

70 100

42 52.8 44.6 66.8

101 10.6 7.8 11.6

130 24.2 17.5 26.3

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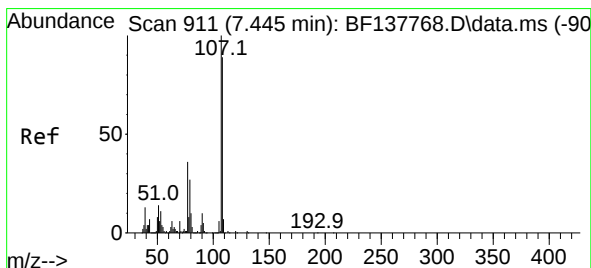
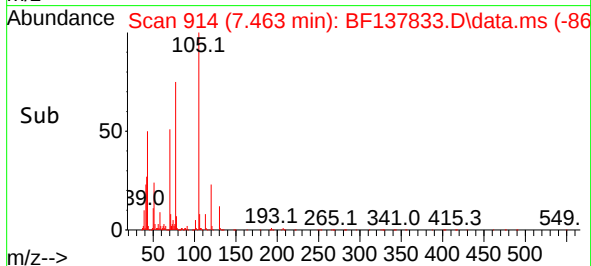
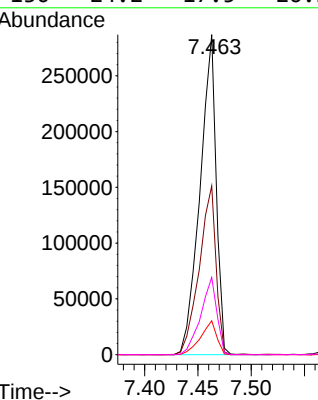
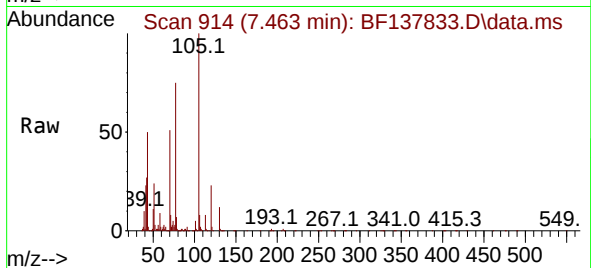
Reviewed By :Yogesh

Patel

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Supervised By :mohammad
ahmed

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#20

3+4-Methylphenols

Concen: 42.339 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.000 min

Lab File: BF137833.D

Acq: 03 May 2024 17:20

Tgt Ion:107 Resp: 454314

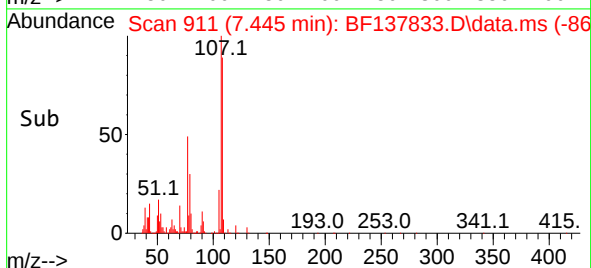
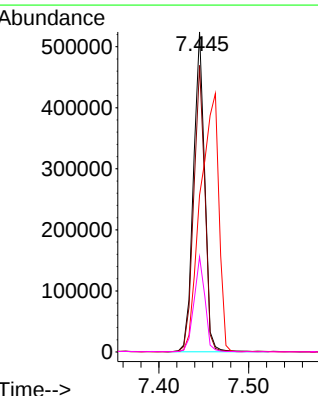
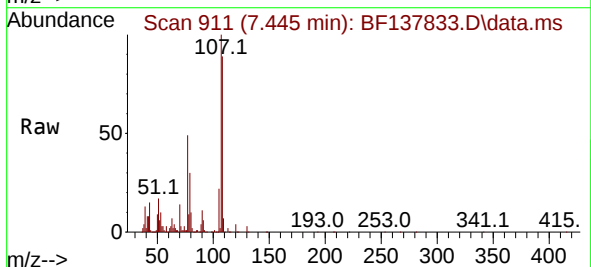
Ion Ratio Lower Upper

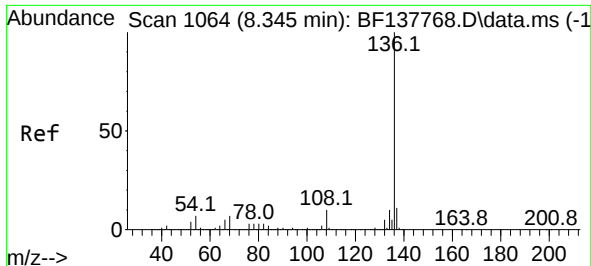
107 100

108 89.5 69.3 109.3

77 49.0 15.7 55.7

79 29.7 6.8 46.8





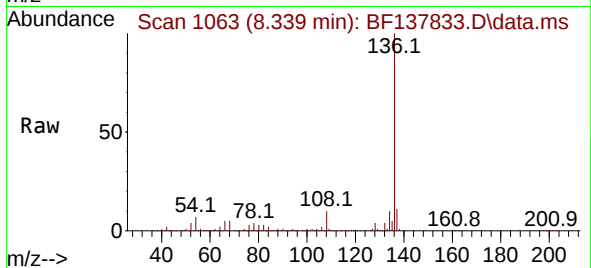
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Instrument :

BNA_F

ClientSampleId :

V359MSD



Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.6	5.8	8.8
68	5.4	5.2	7.8

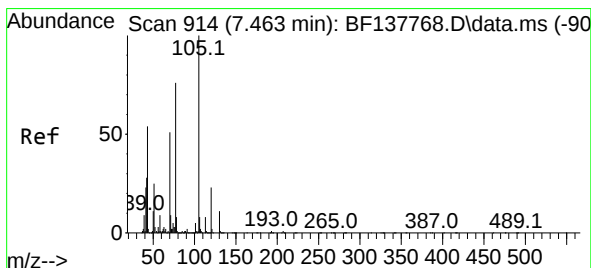
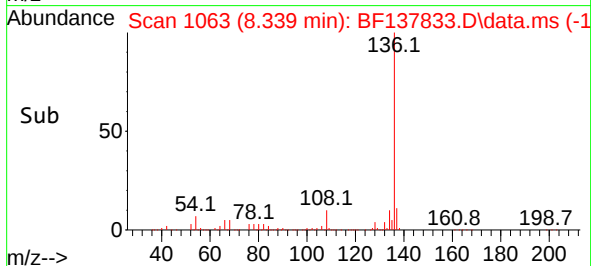
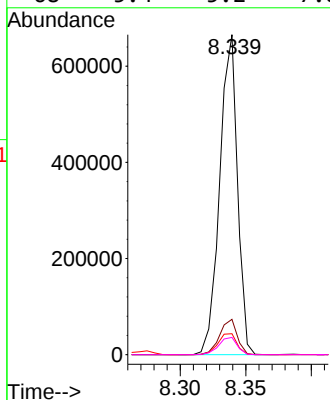
Manual Integrations
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Reviewed By :Yogesh
Patel

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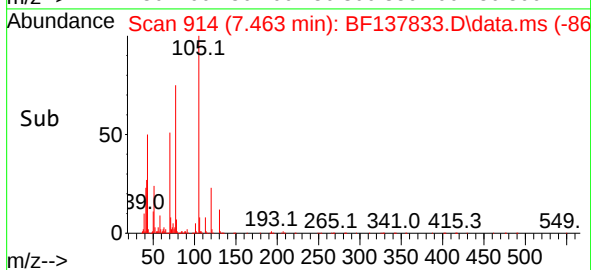
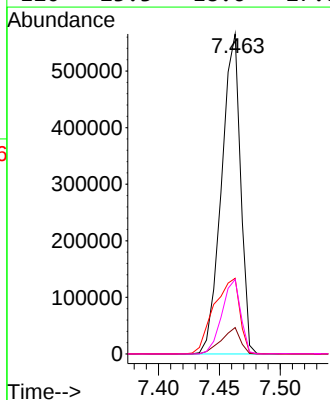
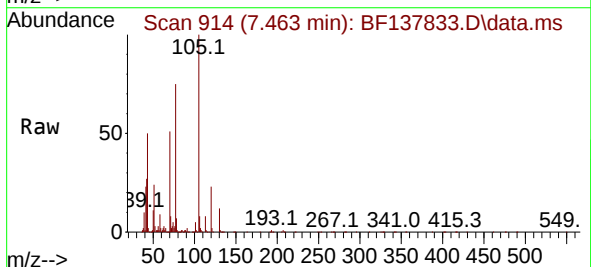
Supervised By :mohammad
ahmed

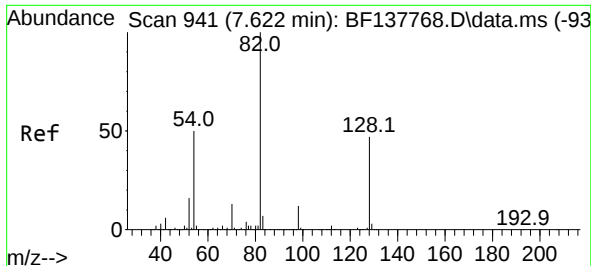
05/06/2024



#22
Acetophenone
Concen: 43.713 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.000 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Tgt Ion	Ratio	Lower	Upper
105	100		
71	8.3	6.9	10.3
51	23.7	20.2	30.2
120	23.3	18.6	27.8





#23
Nitrobenzene-d5
Concen: 83.982 ng
RT: 7.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Instrument :
BNA_F
ClientSampleId :
V359MSD

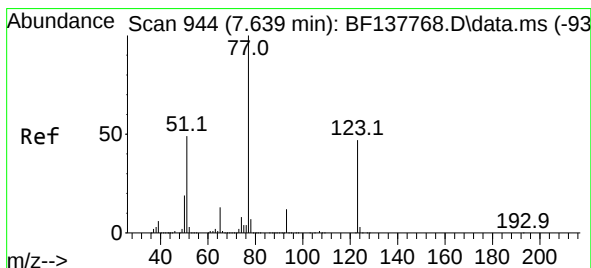
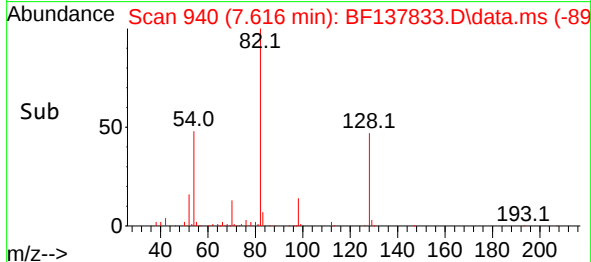
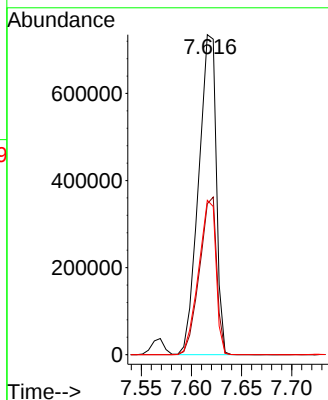
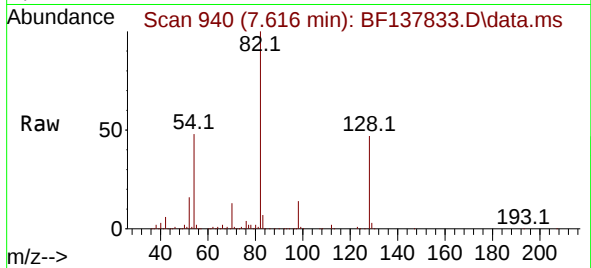
Tgt Ion: 82 Resp: 902990
Ion Ratio Lower Upper
82 100
128 47.1 37.5 56.3
54 48.3 39.8 59.6

Manual Integrations
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Reviewed By :Yogesh
Patel

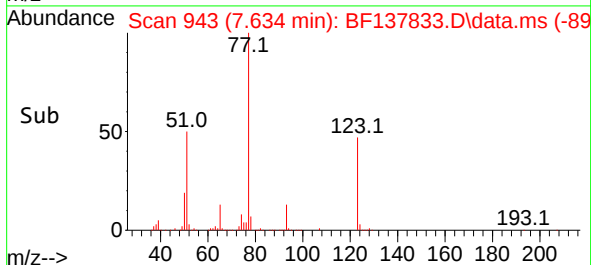
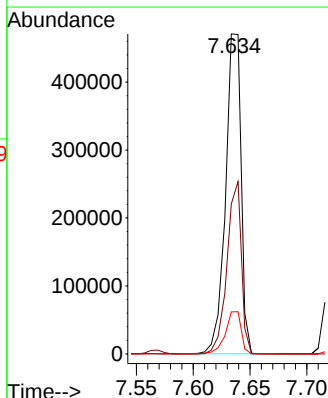
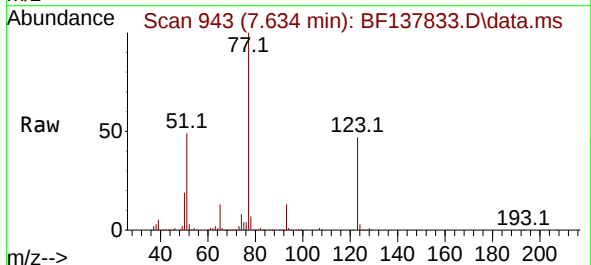
05/04/2024
Supervised By :mohammad
ahmed

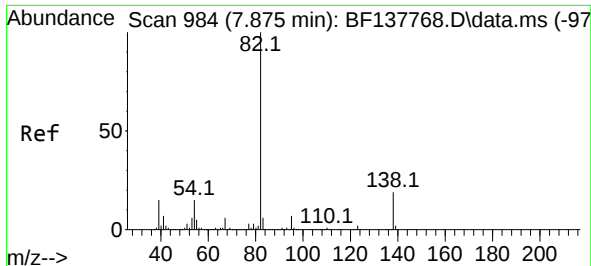
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#24
Nitrobenzene
Concen: 40.592 ng
RT: 7.634 min Scan# 943
Delta R.T. -0.006 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

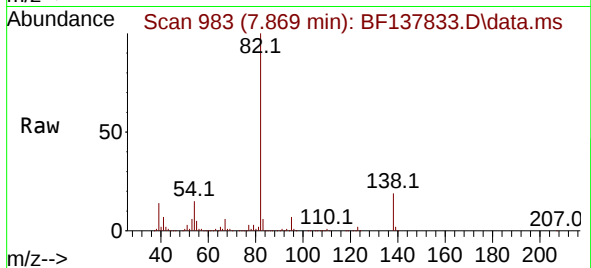
Tgt Ion: 77 Resp: 449833
Ion Ratio Lower Upper
77 100
123 46.9 37.4 56.2
65 13.1 10.7 16.1





#25
Isophorone
Concen: 44.687 ng
RT: 7.869 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Instrument :
BNA_F
ClientSampleId :
V359MSD



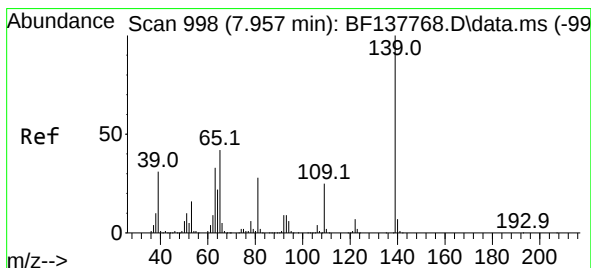
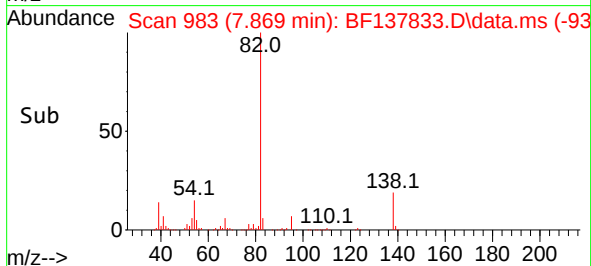
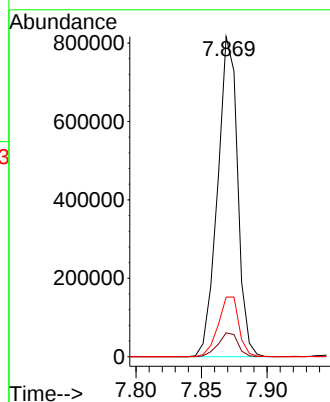
Tgt Ion: 82 Resp: 86632
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 18.6 15.0 22.6

Manual Integrations
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Reviewed By :Yogesh
Patel

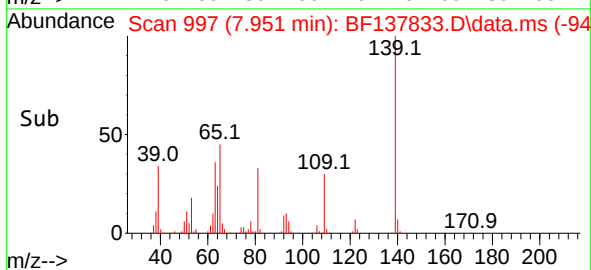
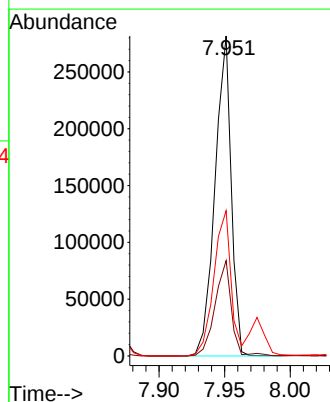
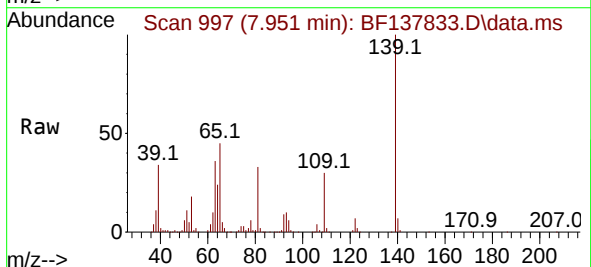
05/04/2024
Supervised By :mohammad
ahmed

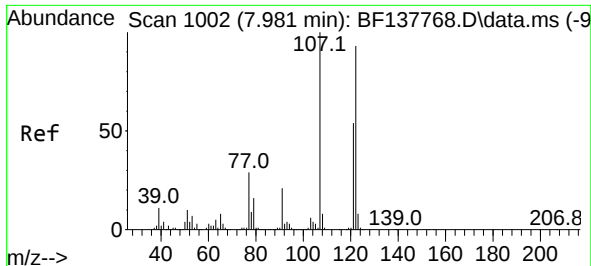
05/06/2024



#26
2-Nitrophenol
Concen: 48.217 ng
RT: 7.951 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

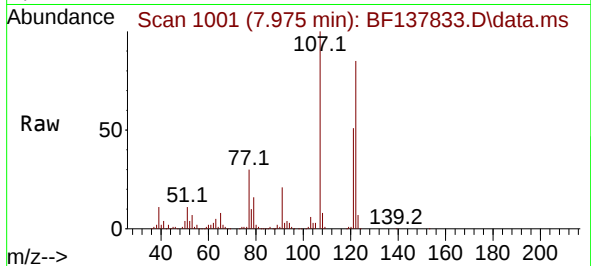
Tgt Ion:139 Resp: 241968
Ion Ratio Lower Upper
139 100
109 29.8 20.2 30.2
65 45.4 33.4 50.0





#27
2,4-Dimethylphenol
Concen: 47.058 ng
RT: 7.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Instrument :
BNA_F
ClientSampleId :
V359MSD



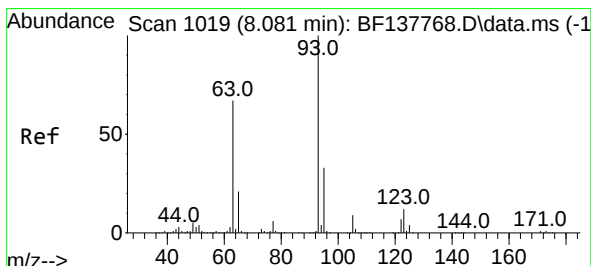
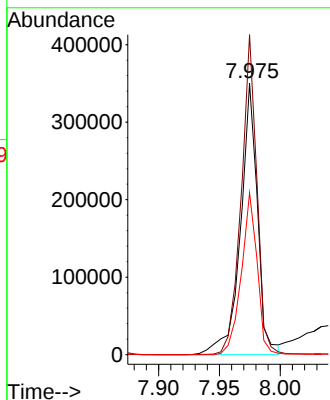
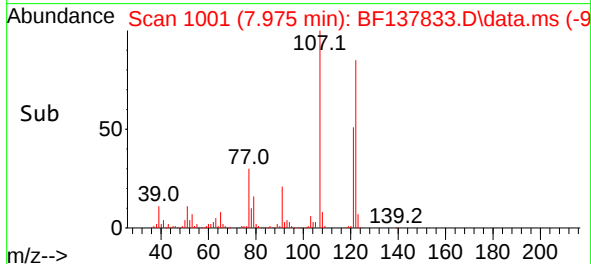
Tgt Ion:122 Resp: 339975
Ion Ratio Lower Upper
122 100
107 117.9 85.8 128.8
121 59.6 46.6 69.8

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Reviewed By :Yogesh
Patel

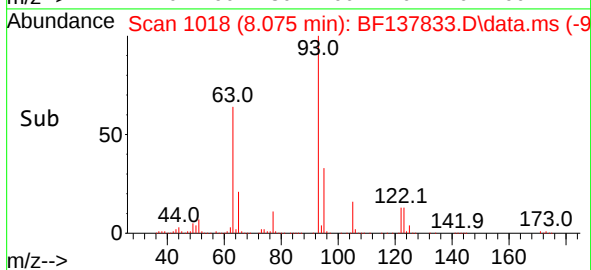
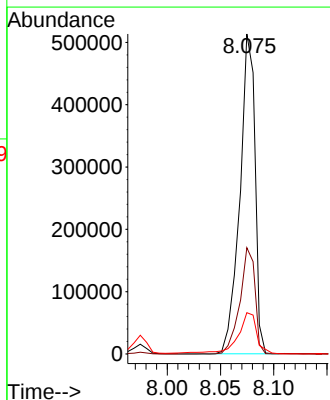
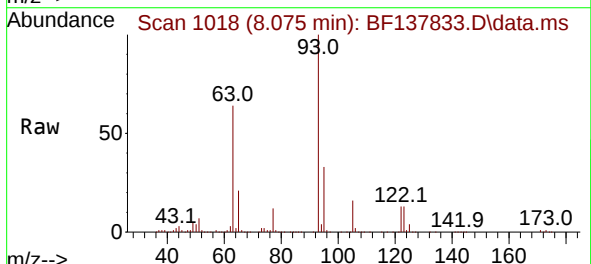
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Supervised By :mohammad
ahmed

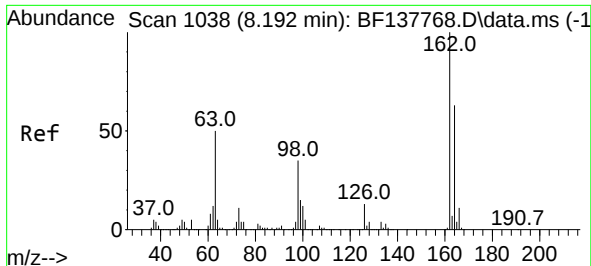
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#28
bis(2-Chloroethoxy)methane
Concen: 43.476 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Tgt Ion: 93 Resp: 510315
Ion Ratio Lower Upper
93 100
95 33.2 26.1 39.1
123 12.9 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 45.683 ng

RT: 8.186 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF137833.D

Acq: 03 May 2024 17:20

Instrument :

BNA_F

ClientSampleId :

V359MSD

Tgt Ion:162	Resp: 398924
Ion Ratio	Lower Upper
162 100	
164 64.1	43.5 83.5
98 36.4	15.1 55.1

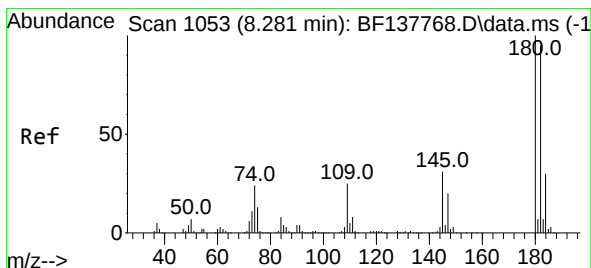
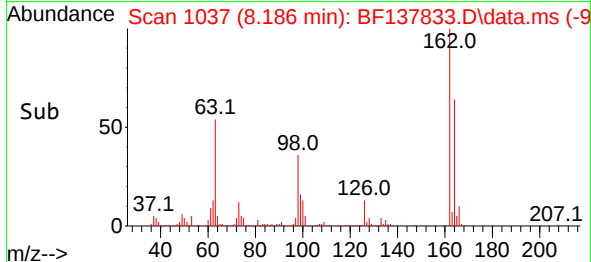
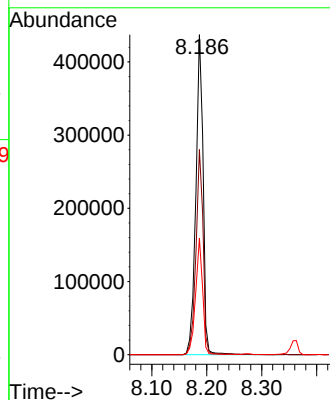
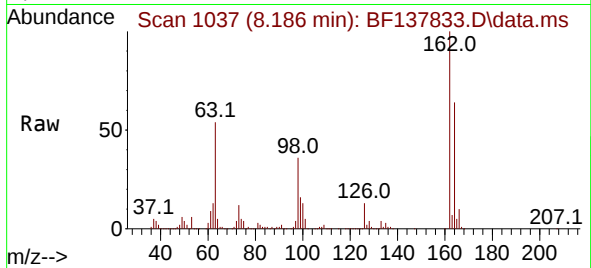
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

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Supervised By :mohammad
ahmed

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#30

1,2,4-Trichlorobenzene

Concen: 41.895 ng

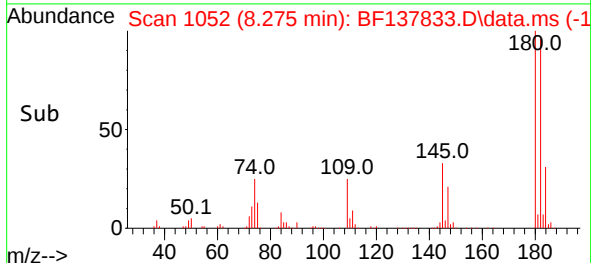
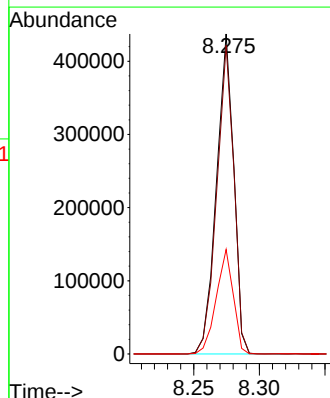
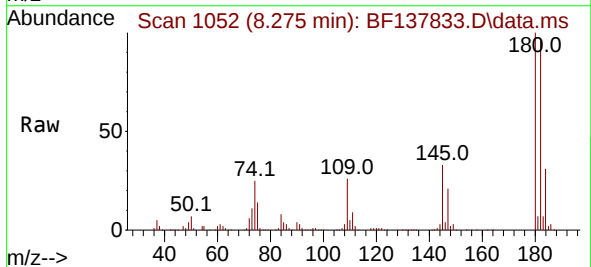
RT: 8.275 min Scan# 1052

Delta R.T. -0.006 min

Lab File: BF137833.D

Acq: 03 May 2024 17:20

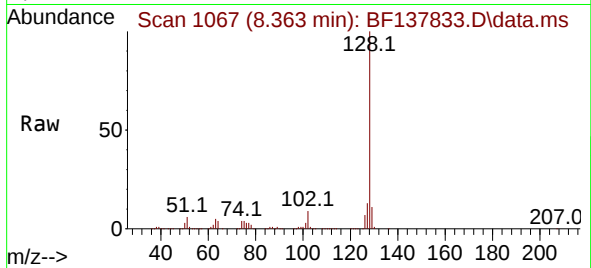
Tgt Ion:180	Resp: 398826
Ion Ratio	Lower Upper
180 100	
182 96.4	76.2 114.2
145 32.7	25.1 37.7





#31
Naphthalene
Concen: 42.573 ng
RT: 8.363 min Scan# 1068
Delta R.T. -0.006 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Instrument :
BNA_F
ClientSampleId :
V359MSD



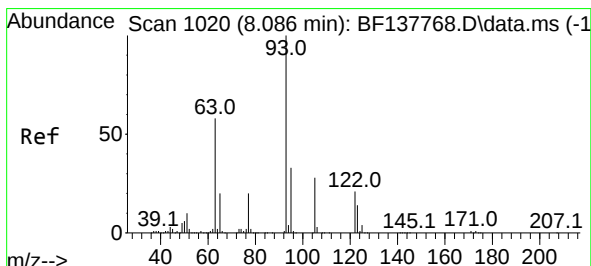
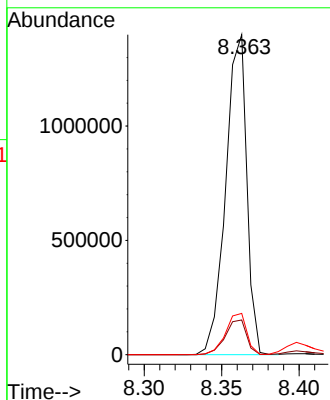
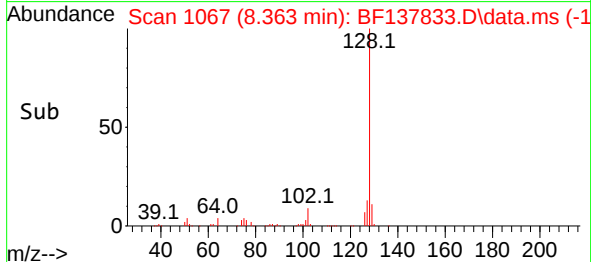
Tgt Ion:128 Resp: 132165
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.9 10.6 16.0

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Reviewed By :Yogesh
Patel

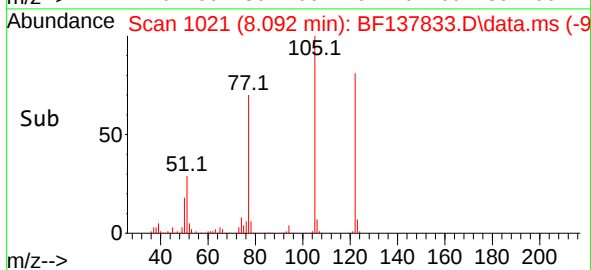
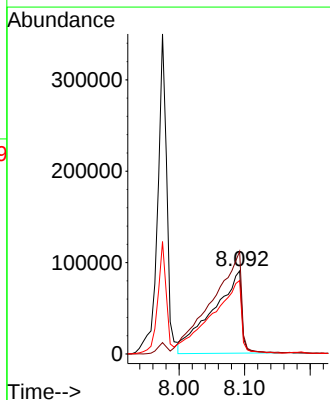
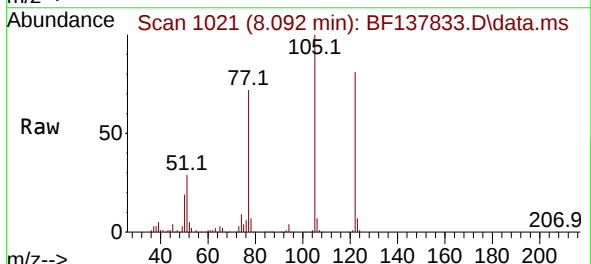
05/04/2024
Supervised By :mohammad
ahmed

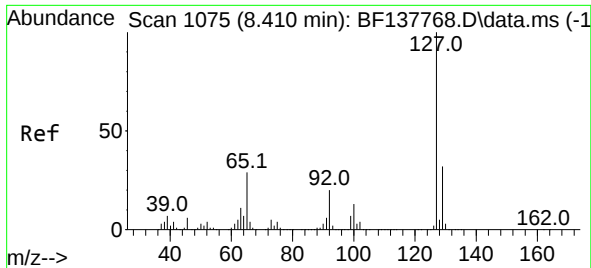
05/06/2024



#32
Benzoic acid
Concen: 44.326 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.006 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Tgt Ion:122 Resp: 276273
Ion Ratio Lower Upper
122 100
105 123.6 105.3 145.3
77 88.6 73.2 113.2





#33
4-Chloroaniline
Concen: 6.991 ng
RT: 8.398 min Scan# 1073
Delta R.T. -0.012 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Instrument :
BNA_F
ClientSampleId :
V359MSD

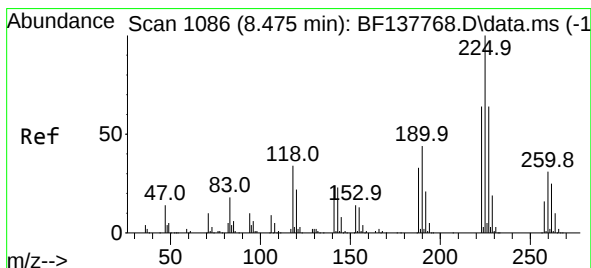
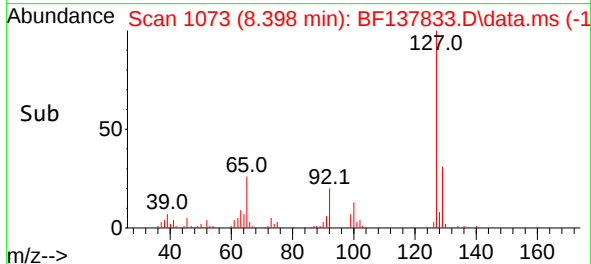
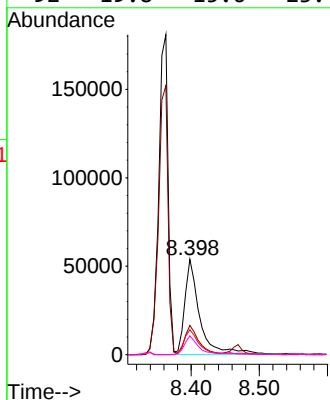
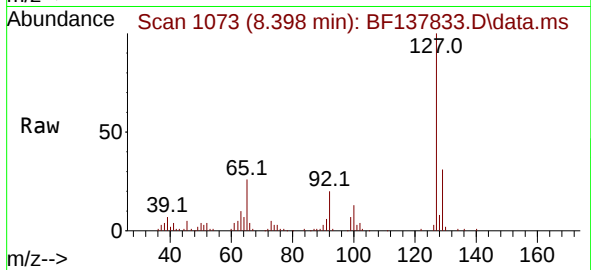
Tgt Ion:	127	Resp:	80470
Ion Ratio	Lower	Upper	
127	100		
129	30.8	25.7	38.5
65	26.2	23.4	35.2
92	19.8	15.6	23.4

Manual Integrations
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Reviewed By :Yogesh
Patel

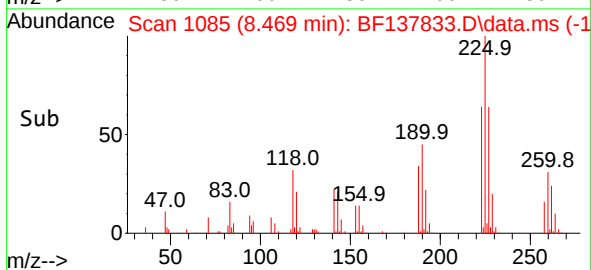
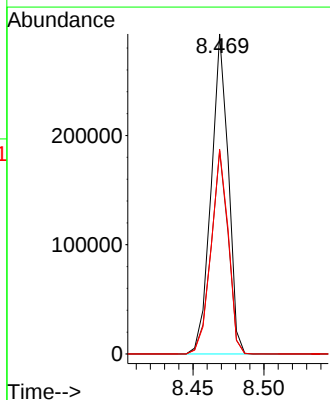
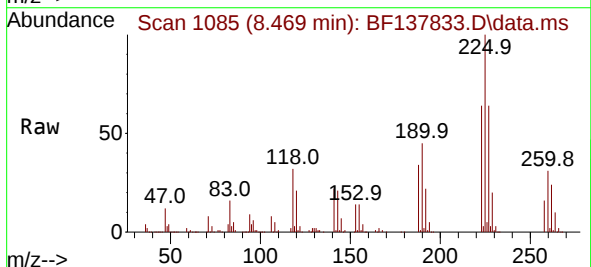
05/04/2024
Supervised By :mohammad
ahmed

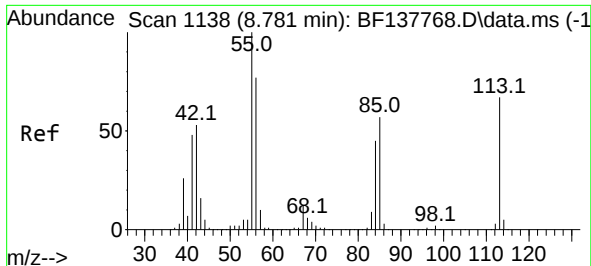
05/06/2024



#34
Hexachlorobutadiene
Concen: 41.968 ng
RT: 8.469 min Scan# 1085
Delta R.T. -0.006 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

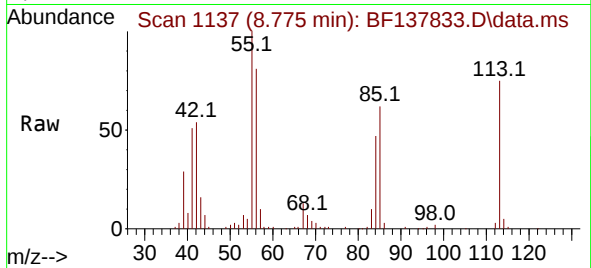
Tgt Ion:	225	Resp:	245284
Ion Ratio	Lower	Upper	
225	100		
223	63.5	51.1	76.7
227	63.9	51.4	77.0





#35
Caprolactam
Concen: 39.836 ng m
RT: 8.775 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Instrument :
BNA_F
ClientSampleId :
V359MSD



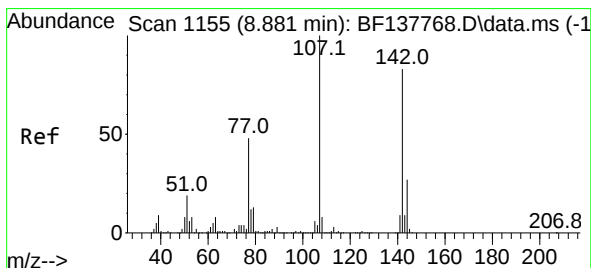
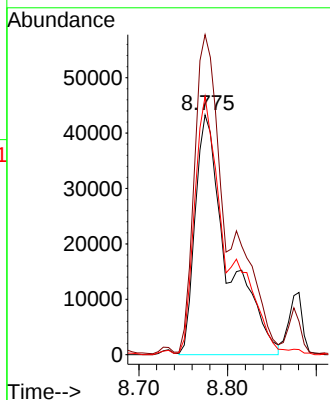
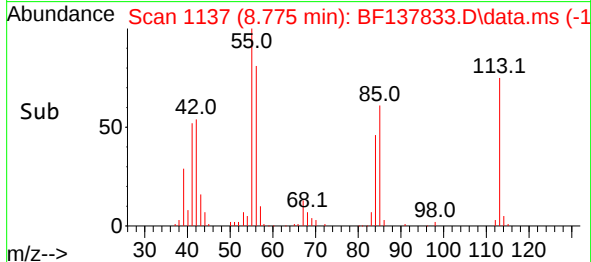
Tgt Ion:113 Resp: 110218
Ion Ratio Lower Upper
113 100
55 133.5 128.7 168.7
56 107.8 93.9 133.9

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Reviewed By :Yogesh
Patel

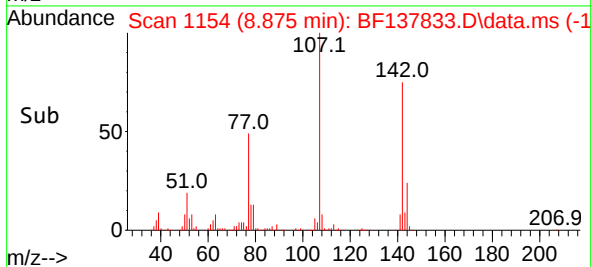
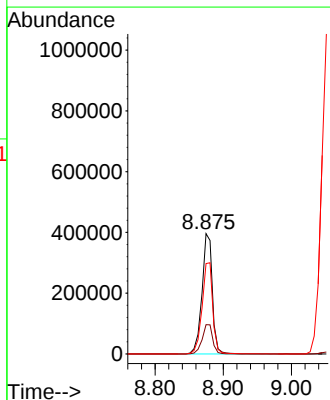
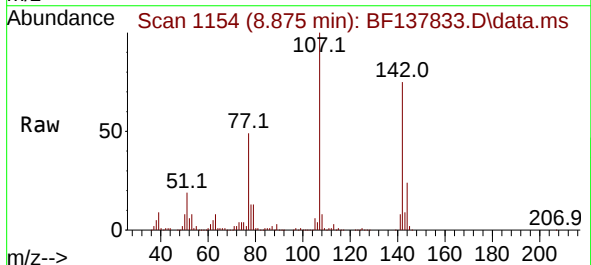
05/04/2024
Supervised By :mohammad
ahmed

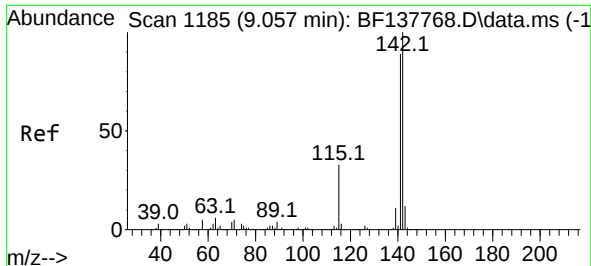
05/06/2024



#36
4-Chloro-3-methylphenol
Concen: 46.025 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

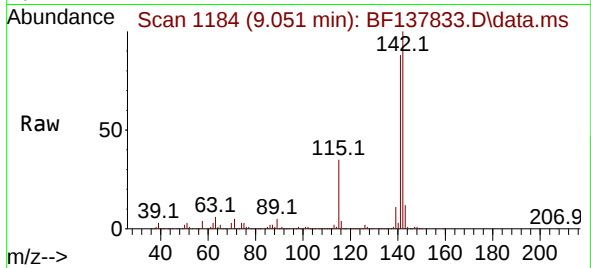
Tgt Ion:107 Resp: 419123
Ion Ratio Lower Upper
107 100
144 24.3 21.4 32.0
142 75.1 66.2 99.2





#37
2-Methylnaphthalene
Concen: 44.191 ng
RT: 9.051 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Instrument :
BNA_F
ClientSampleId :
V359MSD



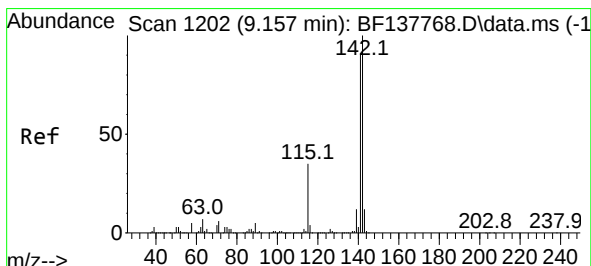
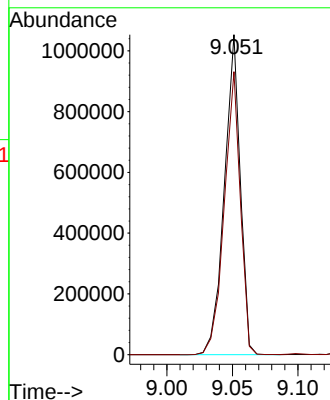
Tgt Ion:142 Resp: 888019
Ion Ratio Lower Upper
142 100
141 88.5 70.8 106.2

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Reviewed By :Yogesh
Patel

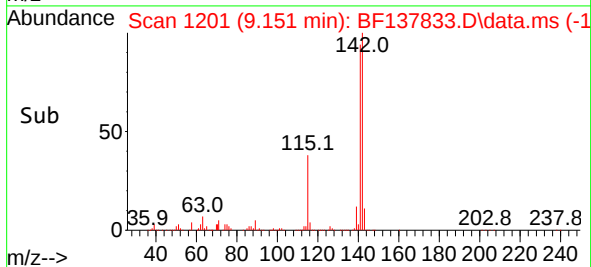
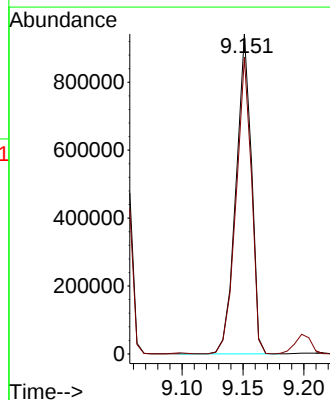
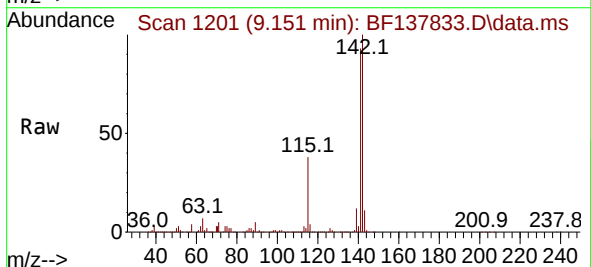
05/04/2024
Supervised By :mohammad
ahmed

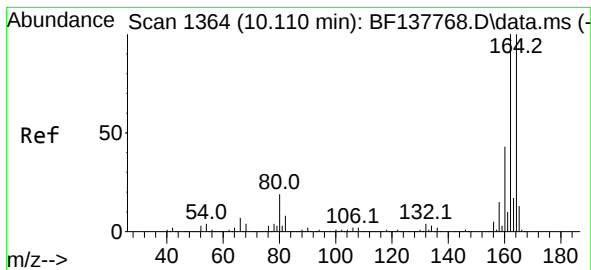
05/06/2024



#38
1-Methylnaphthalene
Concen: 41.936 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

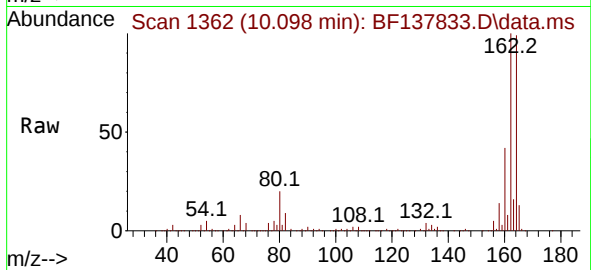
Tgt Ion:142 Resp: 829089
Ion Ratio Lower Upper
142 100
141 92.7 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Instrument :
BNA_F
ClientSampleId :
V359MSD



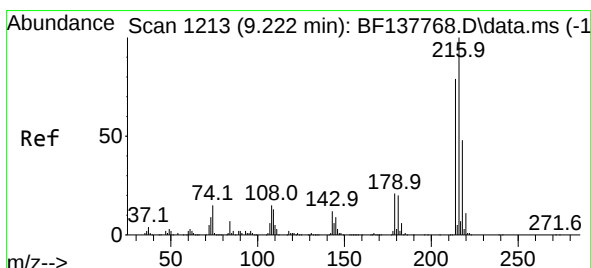
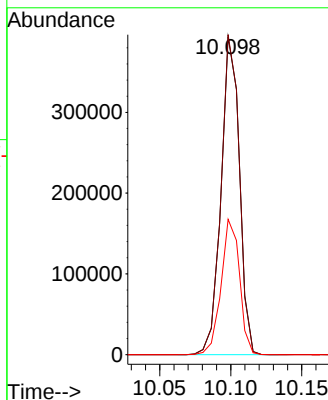
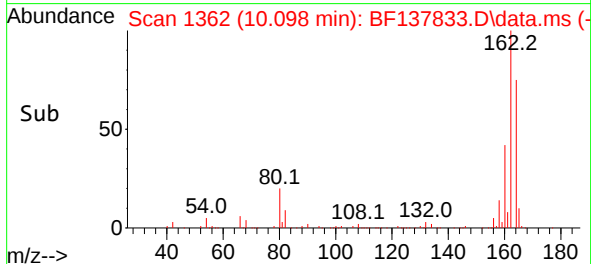
Tgt Ion:164 Resp: 35346
Ion Ratio Lower Upper
164 100
162 100.7 79.8 119.6
160 42.6 34.4 51.6

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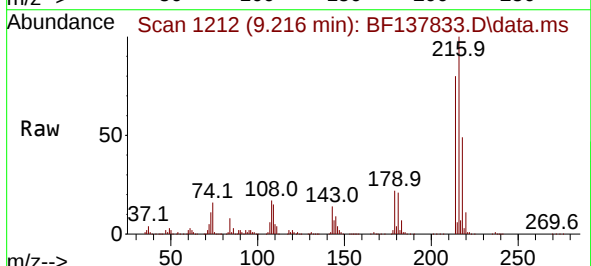
Reviewed By :Yogesh
Patel

05/04/2024
Supervised By :mohammad
ahmed

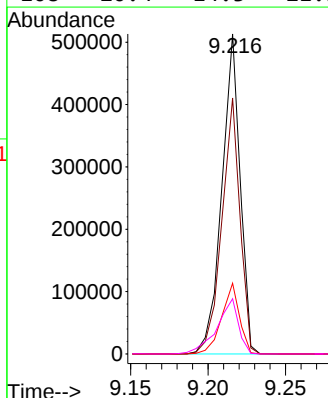
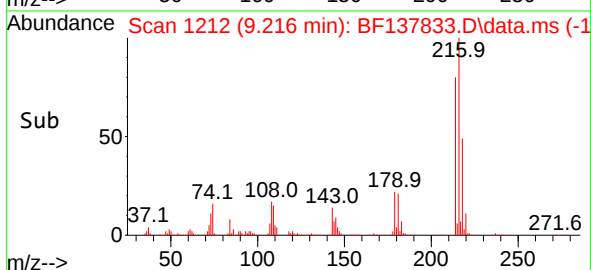
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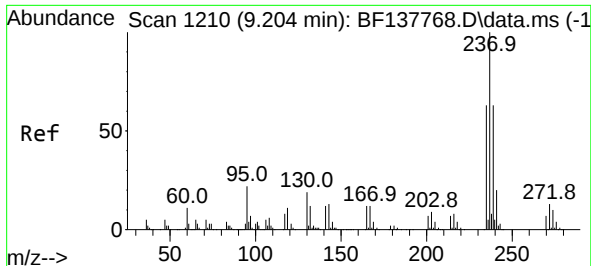


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.938 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20



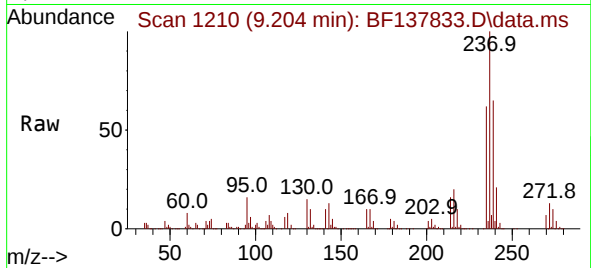
Tgt Ion:216 Resp: 420700
Ion Ratio Lower Upper
216 100
214 79.3 63.3 94.9
179 21.6 16.8 25.2
108 20.4 14.3 21.5





#41
Hexachlorocyclopentadiene
Concen: 124.703 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Instrument :
BNA_F
ClientSampleId :
V359MSD



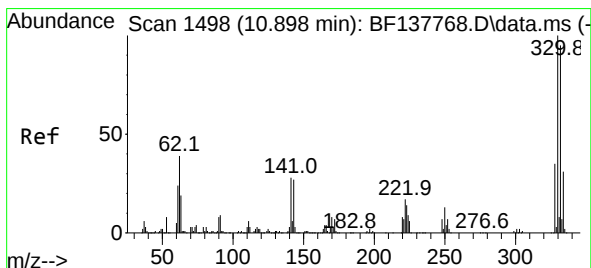
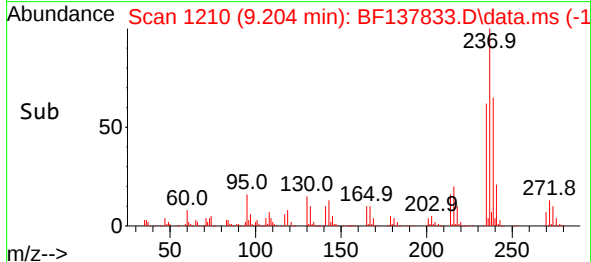
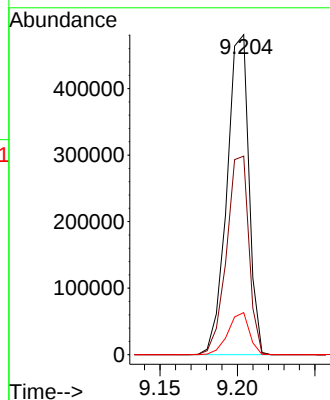
Tgt Ion:237 Resp: 474185
Ion Ratio Lower Upper
237 100
235 62.1 43.0 83.0
272 13.1 0.0 32.8

Manual Integrations
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Reviewed By :Yogesh
Patel

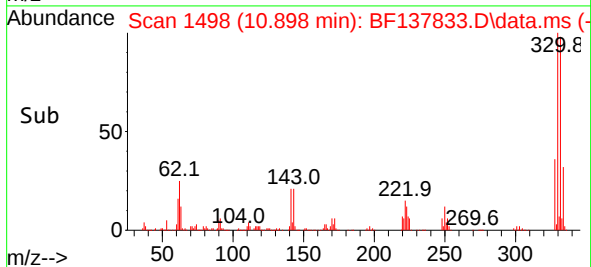
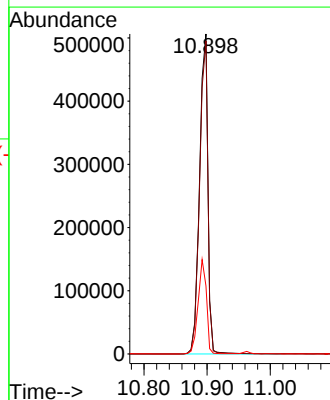
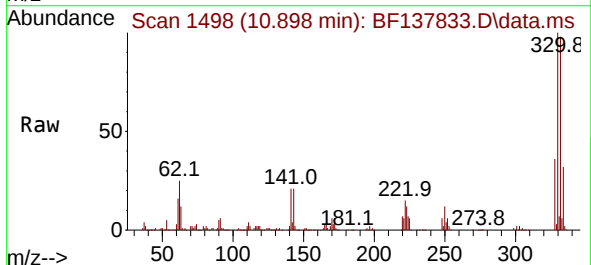
05/04/2024
Supervised By :mohammad
ahmed

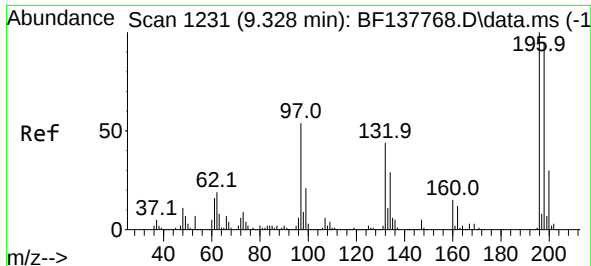
05/06/2024



#42
2,4,6-Tribromophenol
Concen: 128.333 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.000 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Tgt Ion:330 Resp: 463151
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 29.6 23.8 35.6





#43

2,4,6-Trichlorophenol

Concen: 46.690 ng

RT: 9.328 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF137833.D

Acq: 03 May 2024 17:20

Instrument :

BNA_F

ClientSampleId :

V359MSD

Tgt Ion:196 Resp: 29753

Ion Ratio Lower Upper

196 100

198 94.5 76.2 114.4

200 30.6 24.2 36.2

Manual Integrations

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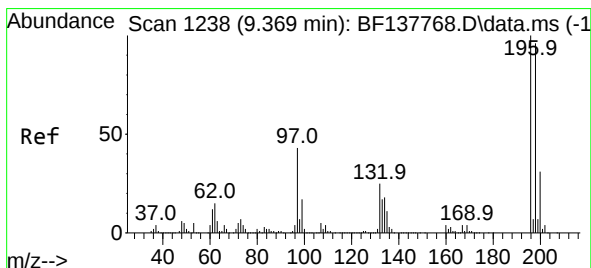
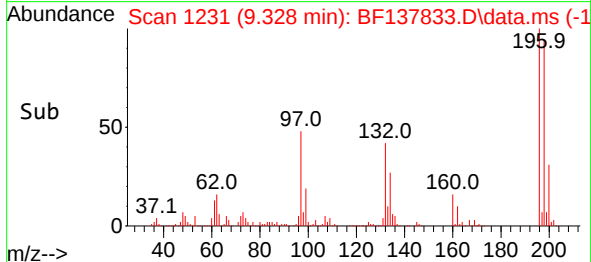
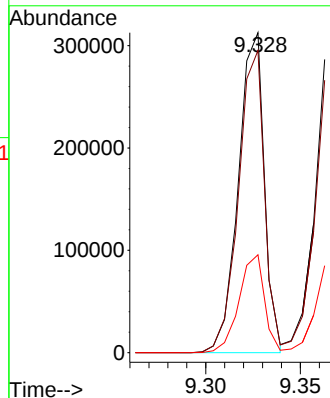
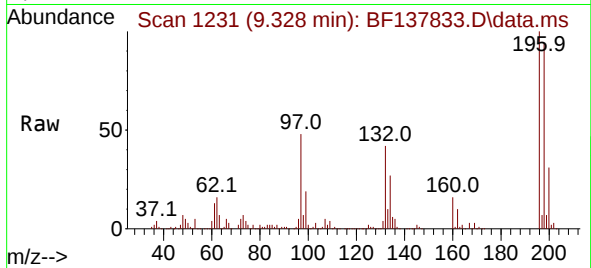
Reviewed By :Yogesh

Patel

05/04/2024

Supervised By :mohammad
ahmed

05/06/2024



#44

2,4,5-Trichlorophenol

Concen: 45.792 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.000 min

Lab File: BF137833.D

Acq: 03 May 2024 17:20

Tgt Ion:196 Resp: 322222

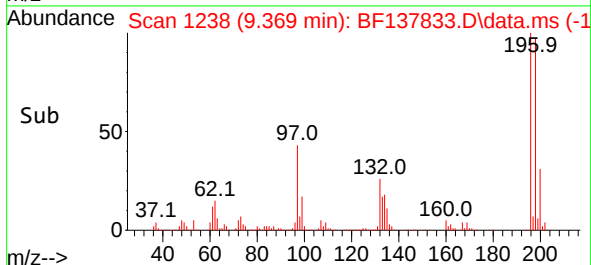
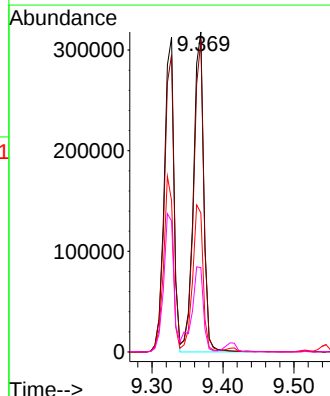
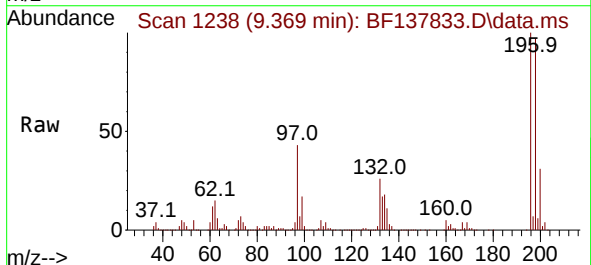
Ion Ratio Lower Upper

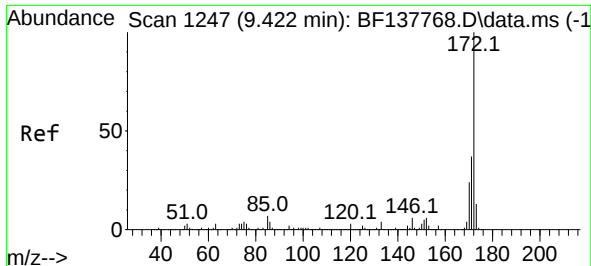
196 100

198 97.4 76.6 114.8

97 43.4 34.5 51.7

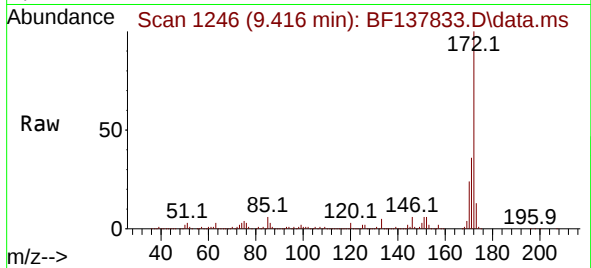
132 26.3 20.3 30.5





#45
2-Fluorobiphenyl
Concen: 87.431 ng
RT: 9.416 min Scan# 1246
Delta R.T. -0.006 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Instrument :
BNA_F
ClientSampleId :
V359MSD



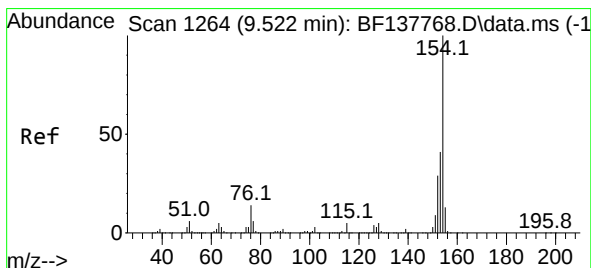
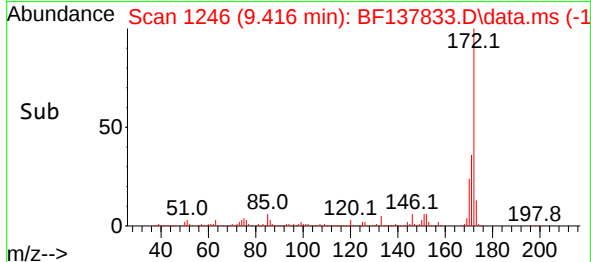
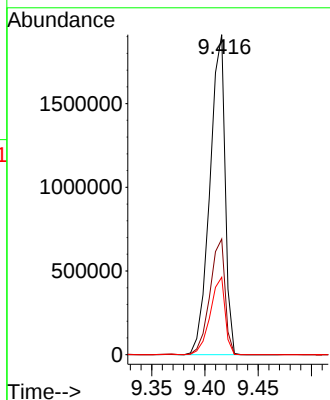
Tgt Ion:172 Resp: 1904872
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 24.2 19.4 29.2

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Reviewed By :Yogesh
Patel

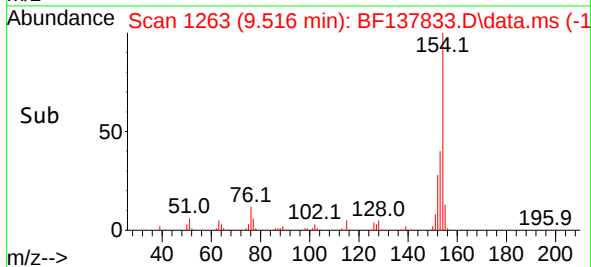
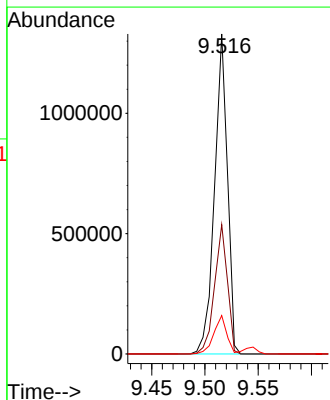
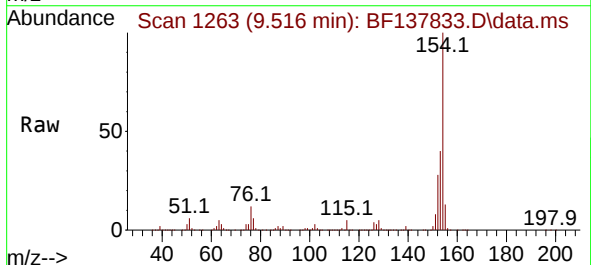
05/04/2024
Supervised By :mohammad
ahmed

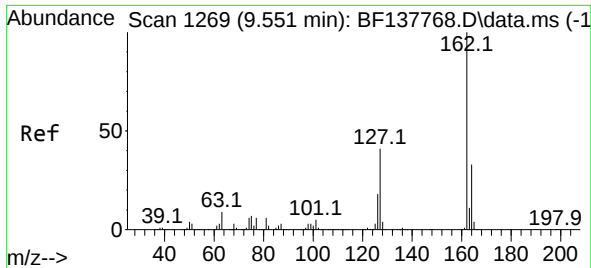
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#46
1,1'-Biphenyl
Concen: 45.845 ng
RT: 9.516 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

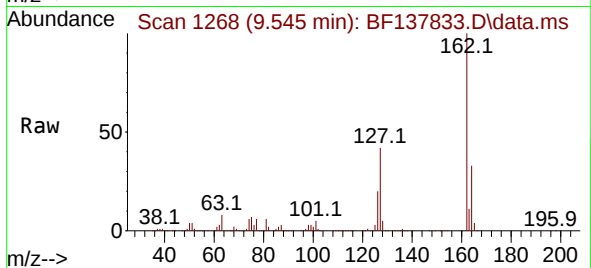
Tgt Ion:154 Resp: 1112098
Ion Ratio Lower Upper
154 100
153 40.4 21.4 61.4
76 12.0 0.0 33.5





#47
2-Chloronaphthalene
Concen: 43.538 ng
RT: 9.545 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Instrument :
BNA_F
ClientSampleId :
V359MSD



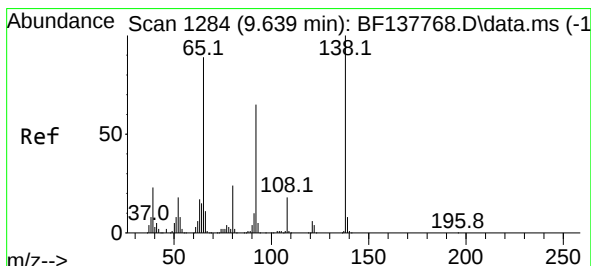
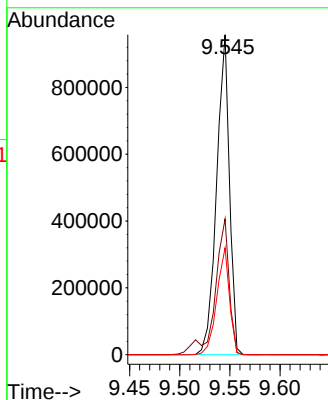
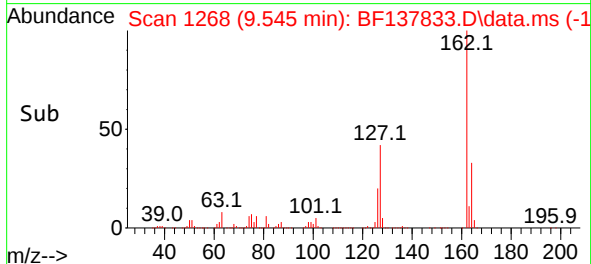
Tgt Ion:162 Resp: 85266
Ion Ratio Lower Upper
162 100
127 42.4 32.6 49.0
164 33.4 26.5 39.7

Manual Integrations
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Reviewed By :Yogesh
Patel

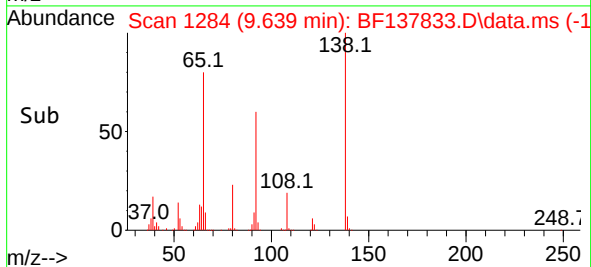
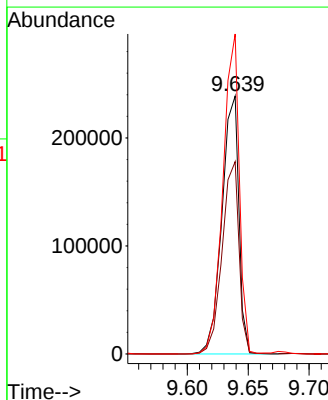
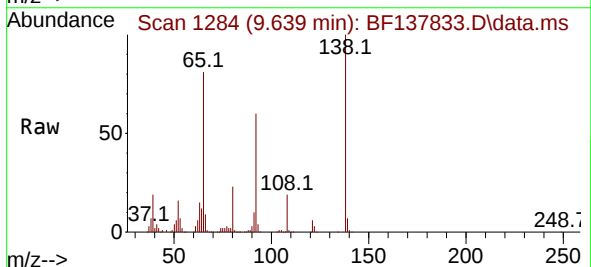
05/04/2024
Supervised By :mohammad
ahmed

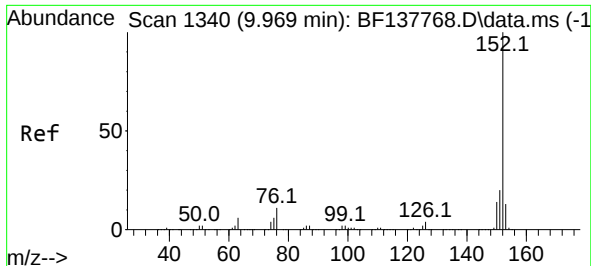
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#48
2-Nitroaniline
Concen: 43.685 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Tgt Ion: 65 Resp: 232033
Ion Ratio Lower Upper
65 100
92 74.6 58.6 88.0
138 124.1 90.3 135.5





#49

Acenaphthylene

Concen: 47.789 ng

RT: 9.963 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137833.D

Acq: 03 May 2024 17:20

Instrument :

BNA_F

ClientSampleId :

V359MSD

Tgt Ion:152 Resp: 135387

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

153 13.6 10.8 16.2

Manual Integrations

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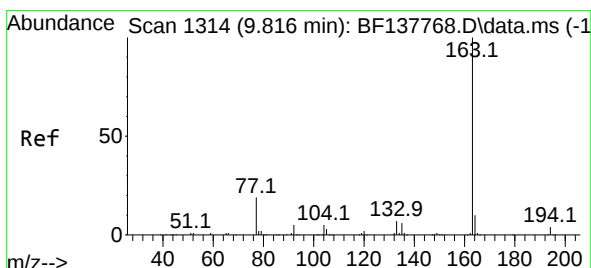
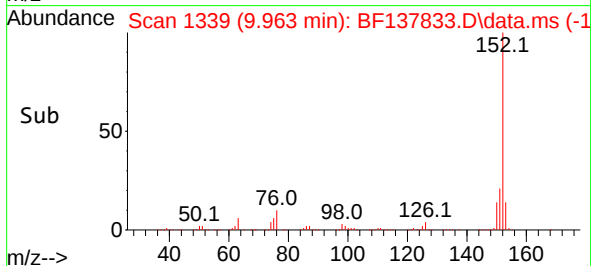
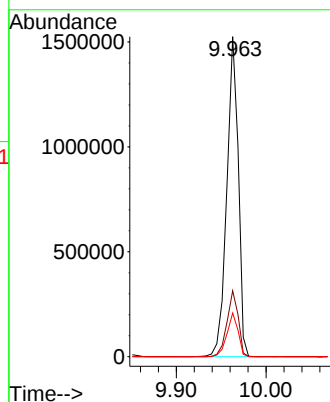
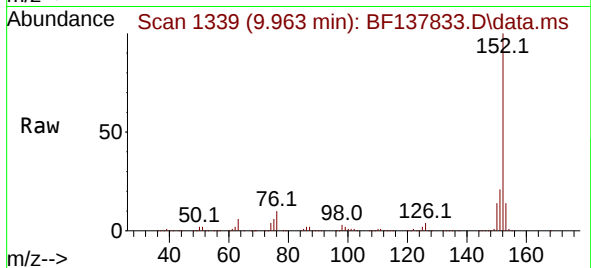
Reviewed By :Yogesh

Patel

05/04/2024

Supervised By :mohammad
ahmed

05/06/2024



#50

Dimethylphthalate

Concen: 47.533 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.000 min

Lab File: BF137833.D

Acq: 03 May 2024 17:20

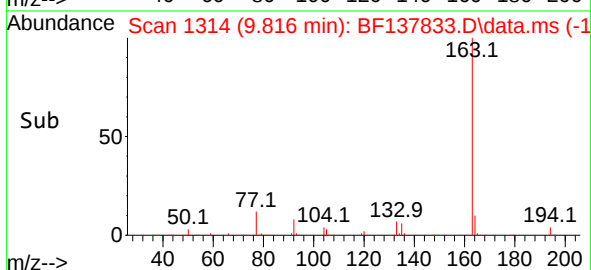
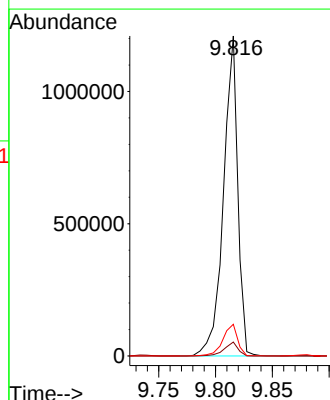
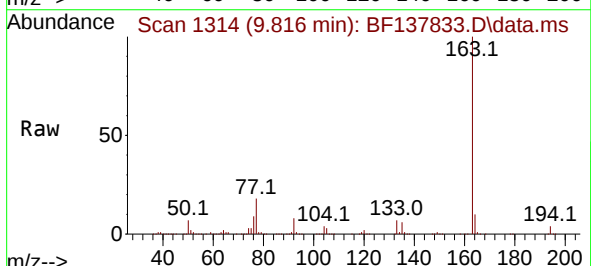
Tgt Ion:163 Resp: 1060658

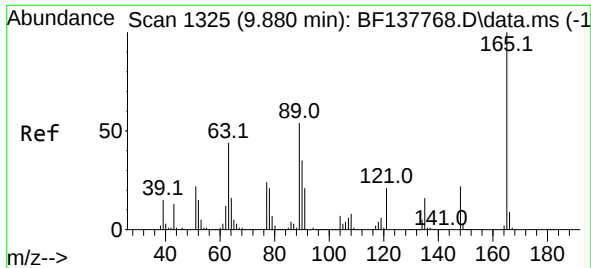
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

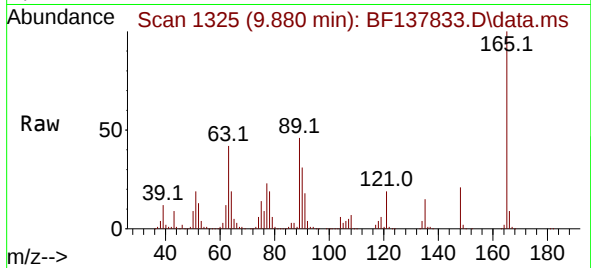
164 9.9 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 46.353 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Instrument :
BNA_F
ClientSampleId :
V359MSD



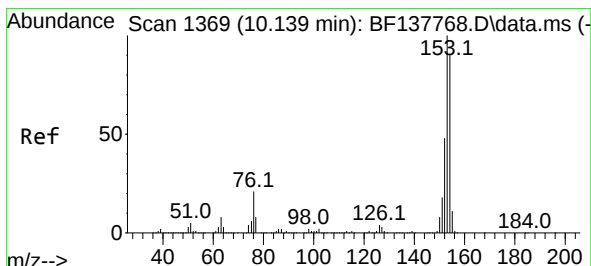
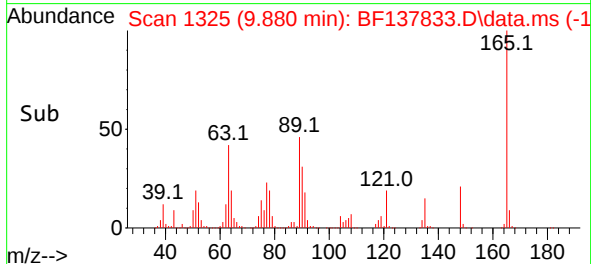
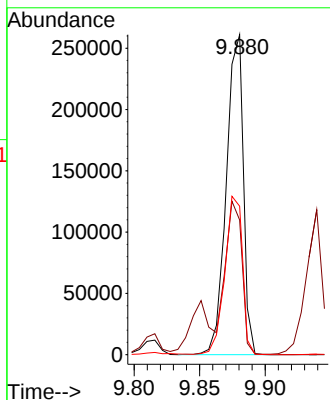
Tgt Ion:165 Resp: 23637
Ion Ratio Lower Upper
165 100
63 42.1 41.9 62.9
89 46.4 43.2 64.8

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Reviewed By :Yogesh
Patel

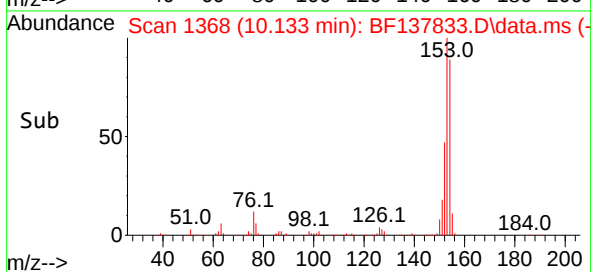
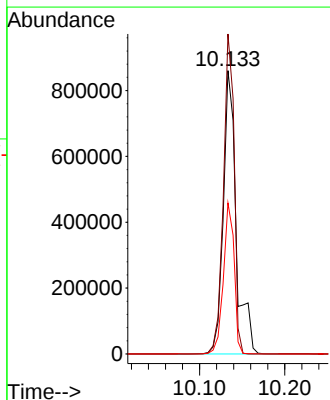
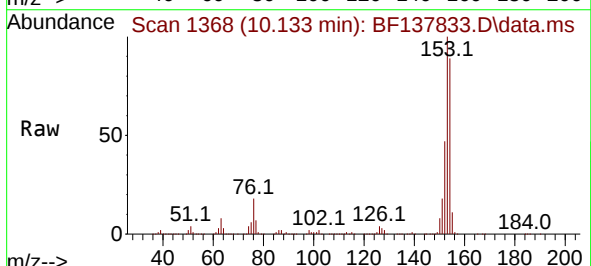
05/04/2024
Supervised By :mohammad
ahmed

05/06/2024



#52
Acenaphthene
Concen: 48.292 ng
RT: 10.133 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

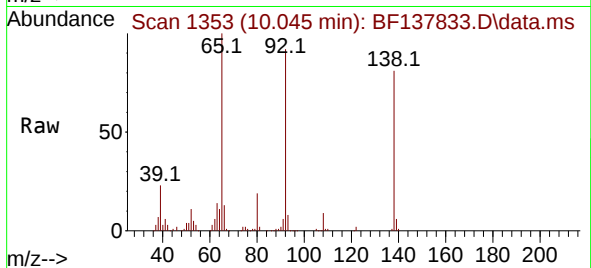
Tgt Ion:154 Resp: 906853
Ion Ratio Lower Upper
154 100
153 112.9 88.7 133.1
152 53.3 42.8 64.2





#53
3-Nitroaniline
Concen: 20.470 ng
RT: 10.045 min Scan# 1353
Delta R.T. -0.012 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Instrument :
BNA_F
ClientSampleId :
V359MSD



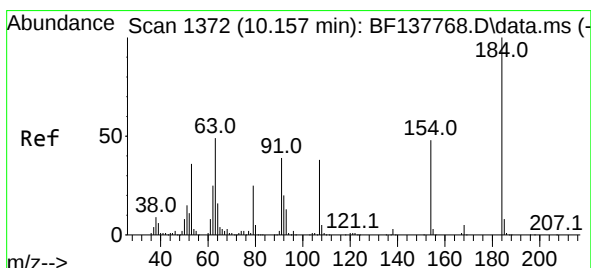
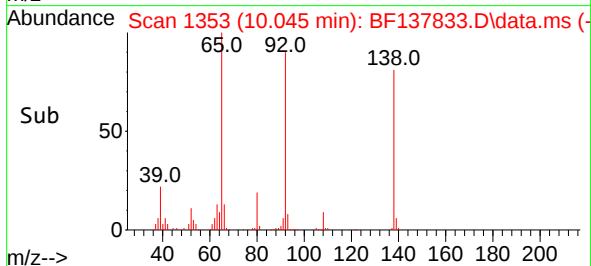
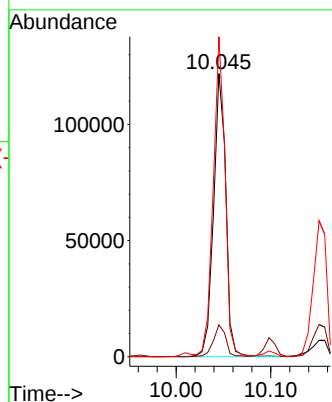
Tgt Ion:138 Resp: 10931
Ion Ratio Lower Upper
138 100
108 11.3 7.8 11.6
92 113.0 84.6 126.8

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Patel

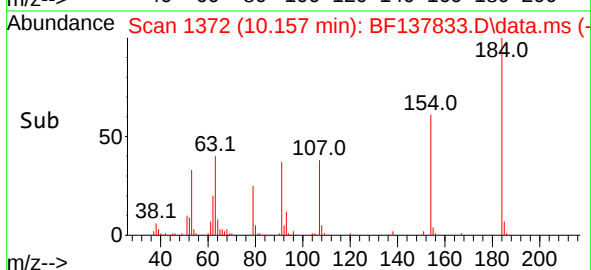
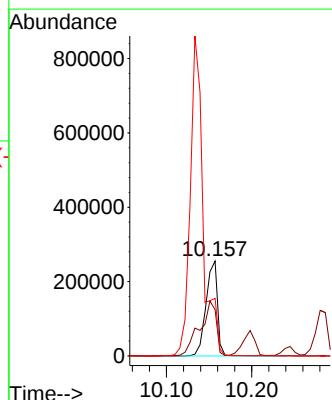
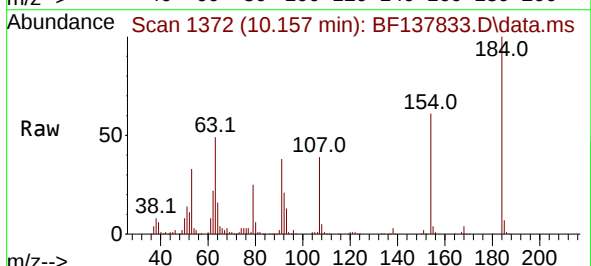
05/04/2024
Supervised By :mohammad
ahmed

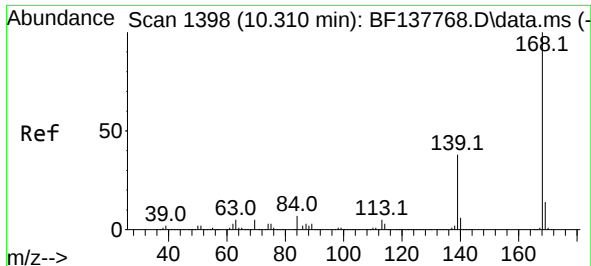
05/06/2024



#54
2,4-Dinitrophenol
Concen: 95.364 ng
RT: 10.157 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

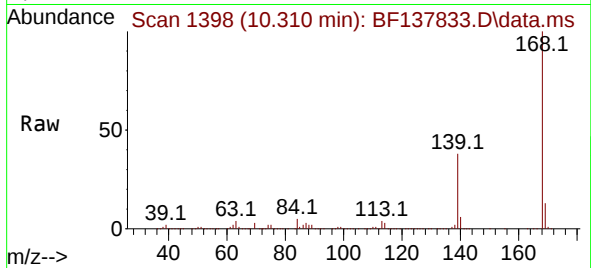
Tgt Ion:184 Resp: 238950
Ion Ratio Lower Upper
184 100
63 48.7 40.3 60.5
154 60.8 45.2 67.8





#55
Dibenzenofuran
Concen: 44.493 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Instrument :
BNA_F
ClientSampleId :
V359MSD



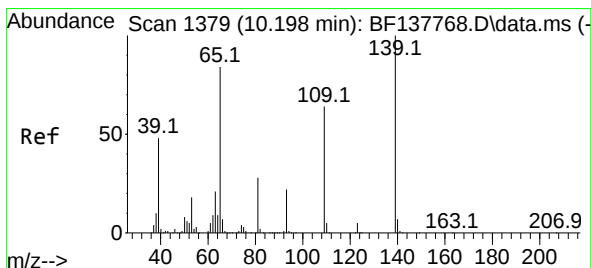
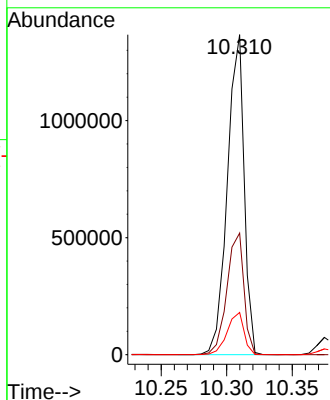
Tgt Ion:168 Resp: 1215860
Ion Ratio Lower Upper
168 100
139 38.0 30.2 45.4
169 13.2 11.4 17.0

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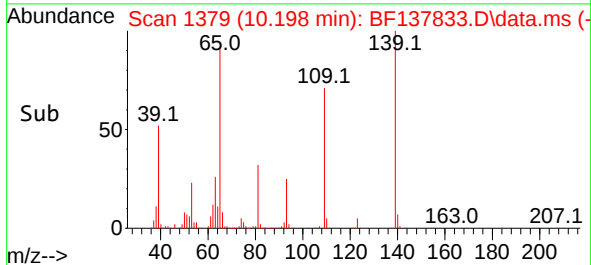
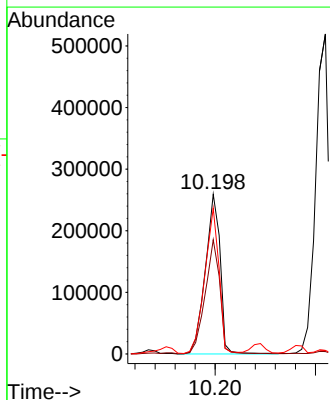
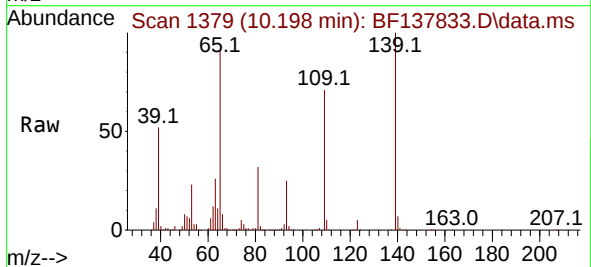
05/04/2024
Supervised By :mohammad
ahmed

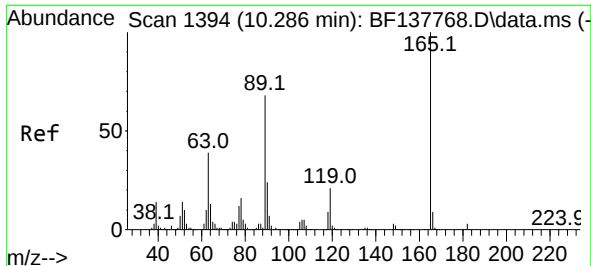
05/06/2024



#56
4-Nitrophenol
Concen: 60.521 ng
RT: 10.198 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

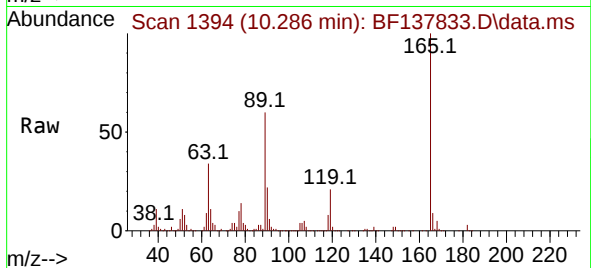
Tgt Ion:139 Resp: 267864
Ion Ratio Lower Upper
139 100
109 71.5 44.0 84.0
65 91.2 64.3 104.3





#57
2,4-Dinitrotoluene
Concen: 45.381 ng
RT: 10.286 min Scan# 1394
Delta R.T. -0.000 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Instrument :
BNA_F
ClientSampleId :
V359MSD



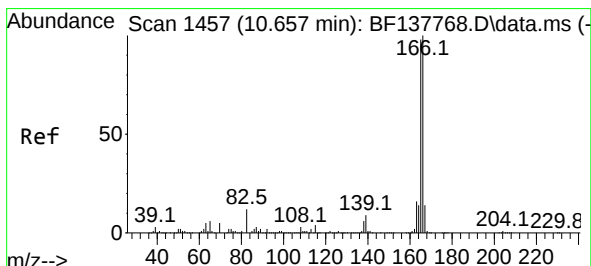
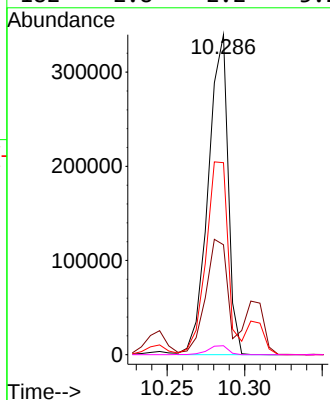
Tgt Ion:165 Resp: 30233
Ion Ratio Lower Upper
165 100
63 34.3 31.3 46.9
89 60.0 54.2 81.4
182 2.8 2.2 3.2

Manual Integrations
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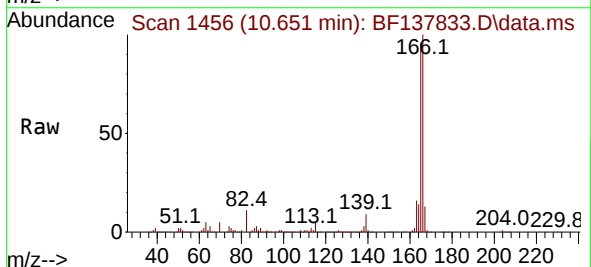
Reviewed By :Yogesh
Patel

05/04/2024
Supervised By :mohammad
ahmed

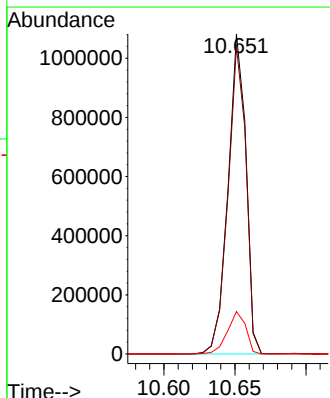
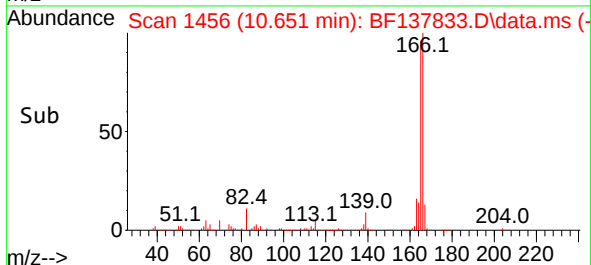
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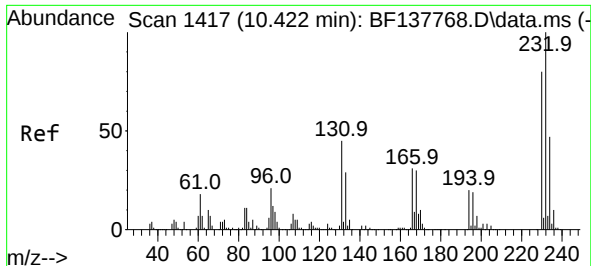


#58
Fluorene
Concen: 43.557 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20



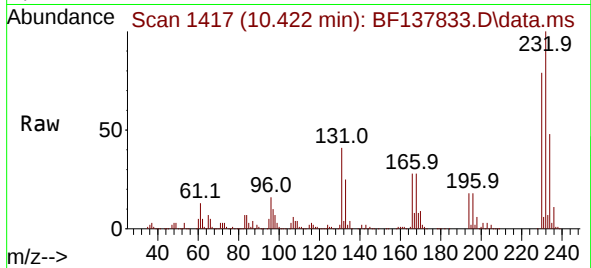
Tgt Ion:166 Resp: 947295
Ion Ratio Lower Upper
166 100
165 96.1 78.2 117.2
167 13.3 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.030 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Instrument :
BNA_F
ClientSampleId :
V359MSD



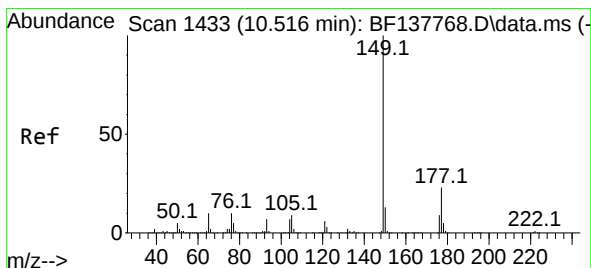
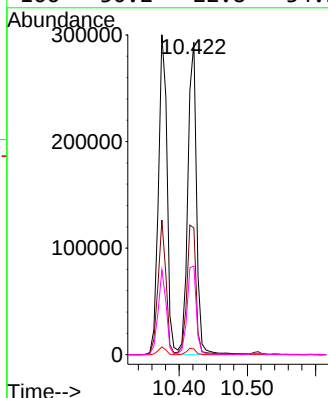
Tgt Ion:232 Resp: 25724
Ion Ratio Lower Upper
232 100
131 43.5 33.4 50.0
130 2.1 1.7 2.5
166 30.2 22.8 34.2

Manual Integrations
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Reviewed By :Yogesh
Patel

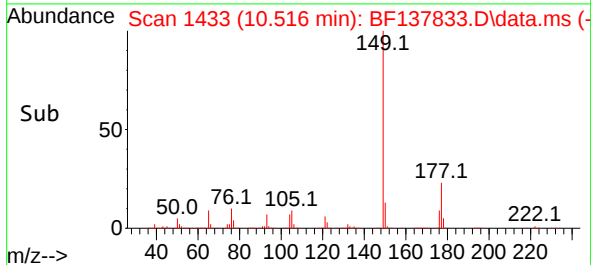
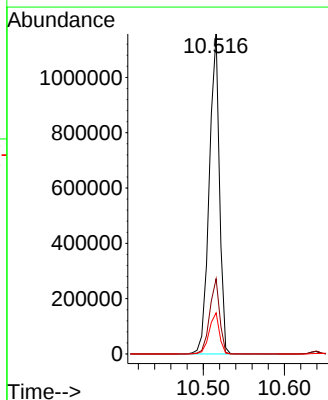
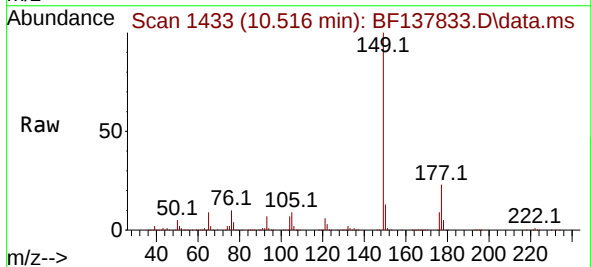
05/04/2024
Supervised By :mohammad
ahmed

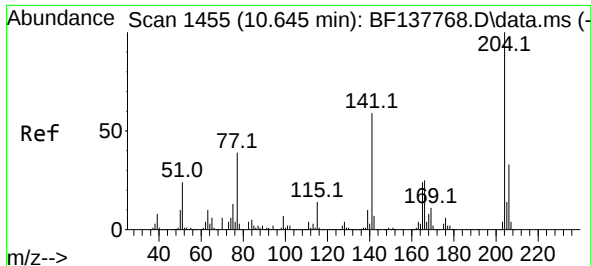
05/06/2024



#60
Diethylphthalate
Concen: 47.418 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

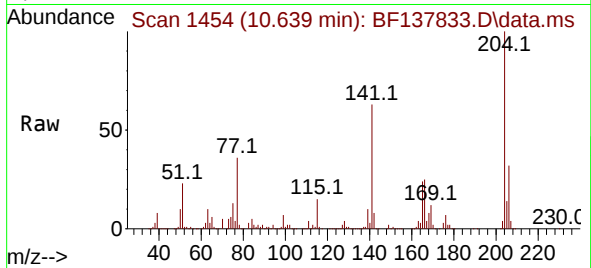
Tgt Ion:149 Resp: 1004918
Ion Ratio Lower Upper
149 100
177 23.5 18.4 27.6
150 12.8 10.5 15.7





#61
4-Chlorophenyl-phenylether
Concen: 44.665 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Instrument :
BNA_F
ClientSampleId :
V359MSD



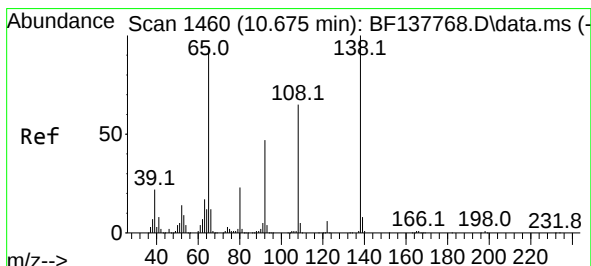
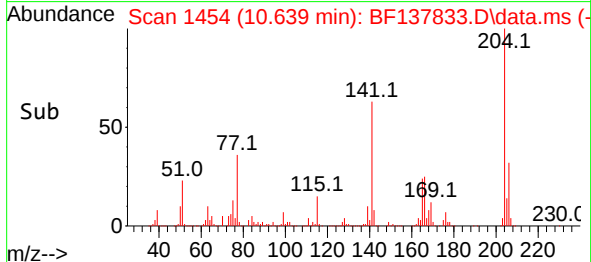
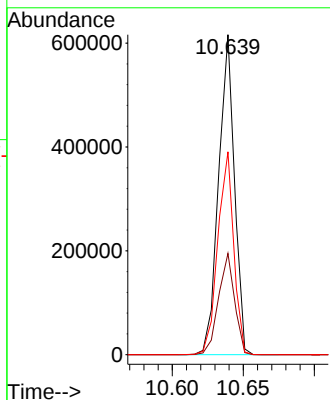
Tgt Ion:204 Resp: 478639
Ion Ratio Lower Upper
204 100
206 31.6 26.4 39.6
141 63.4 47.0 70.6

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Reviewed By :Yogesh
Patel

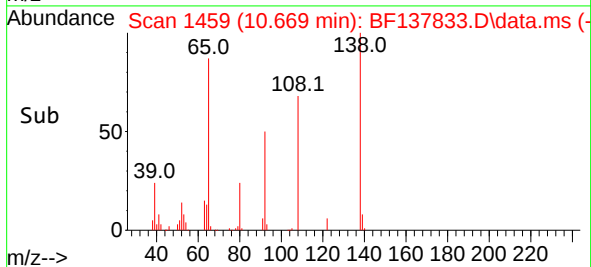
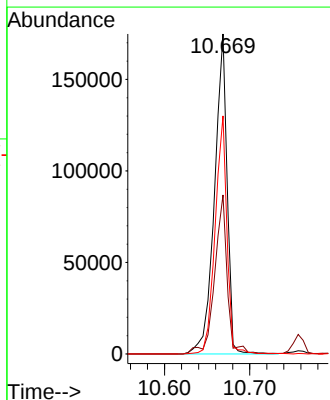
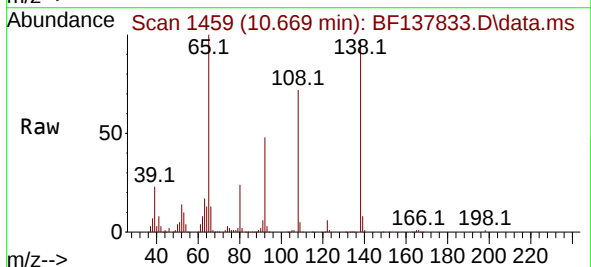
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Supervised By :mohammad
ahmed

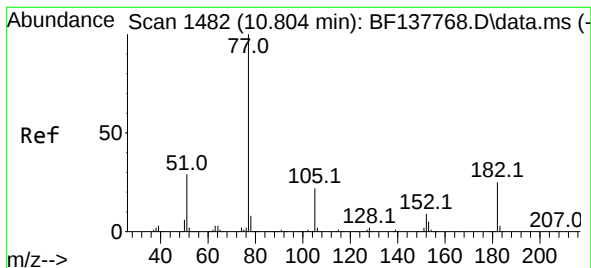
05/06/2024



#62
4-Nitroaniline
Concen: 33.334 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

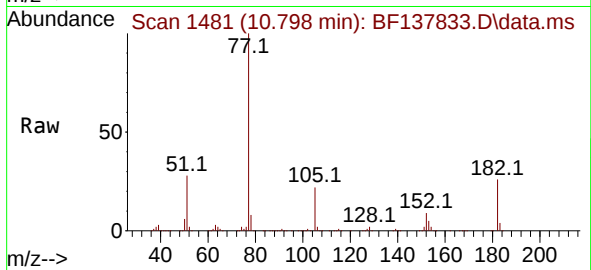
Tgt Ion:138 Resp: 180555
Ion Ratio Lower Upper
138 100
92 49.7 26.8 66.8
108 74.4 44.7 84.7





#63
Azobenzene
Concen: 43.469 ng
RT: 10.798 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Instrument :
BNA_F
ClientSampleId :
V359MSD



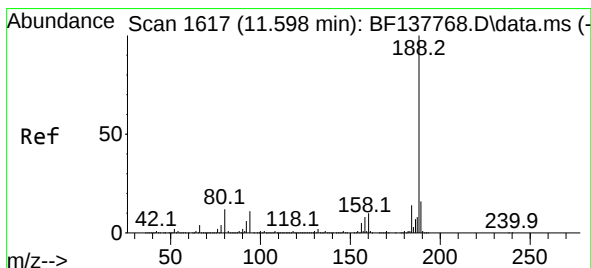
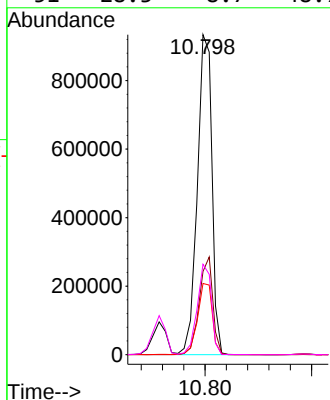
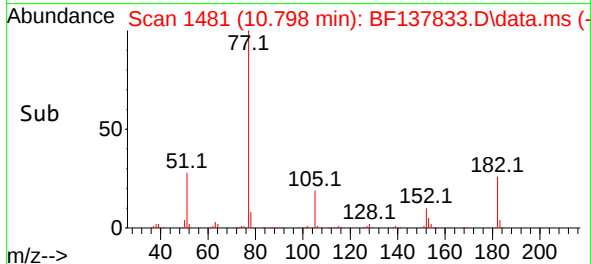
Tgt Ion: 77 Resp: 89036
Ion Ratio Lower Upper
77 100
182 26.0 5.1 45.1
105 22.3 2.2 42.2
51 28.3 8.7 48.7

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Reviewed By :Yogesh
Patel

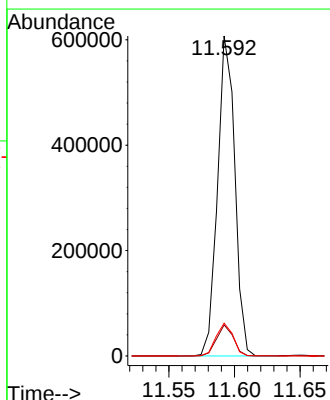
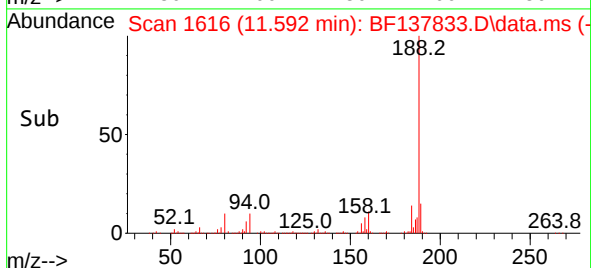
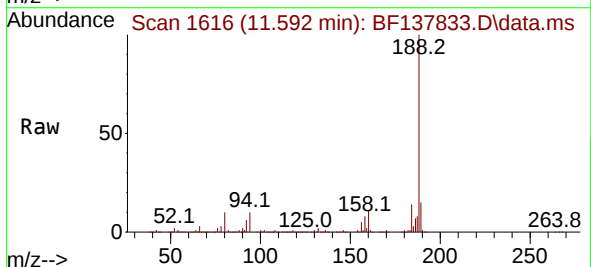
05/04/2024
Supervised By :mohammad
ahmed

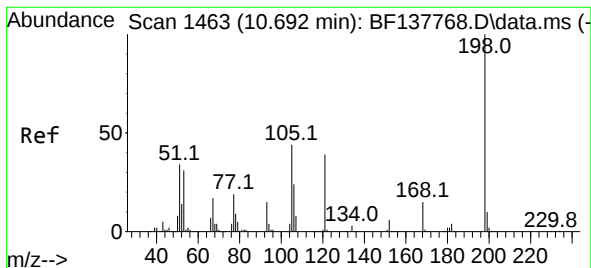
05/06/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.592 min Scan# 1616
Delta R.T. -0.006 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

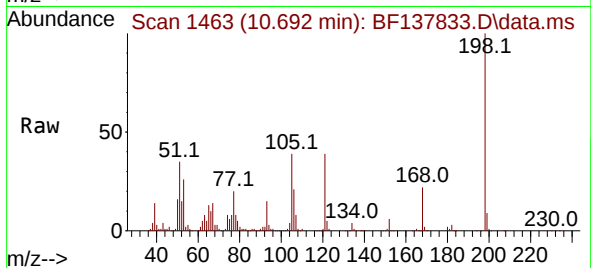
Tgt Ion:188 Resp: 554601
Ion Ratio Lower Upper
188 100
94 9.7 8.8 13.2
80 10.3 9.6 14.4





#65
4,6-Dinitro-2-methylphenol
Concen: 51.345 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Instrument :
BNA_F
ClientSampleId :
V359MSD



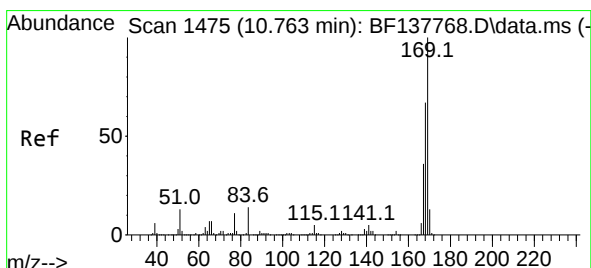
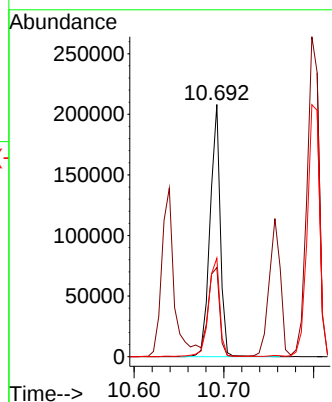
Tgt Ion:198 Resp: 16344
Ion Ratio Lower Upper
198 100
51 35.3 25.1 65.1
105 39.1 24.1 64.1

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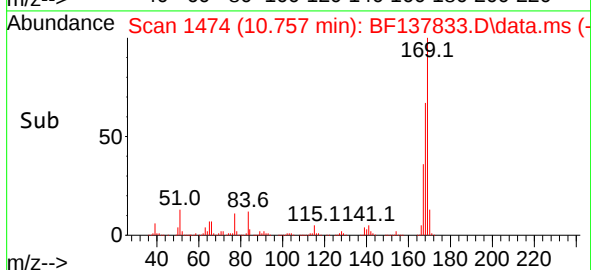
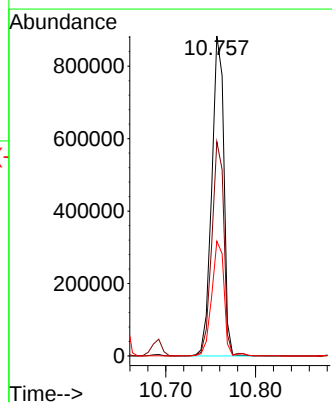
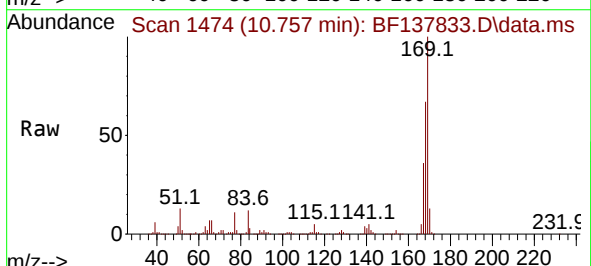
05/04/2024
Supervised By :mohammad
ahmed

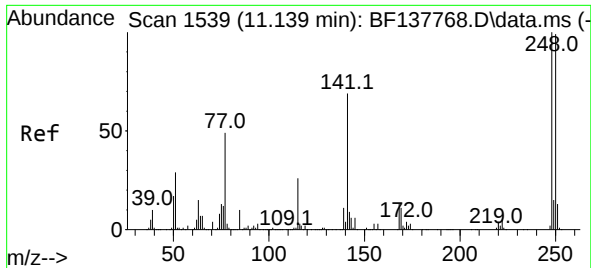
05/06/2024



#66
n-Nitrosodiphenylamine
Concen: 49.777 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.006 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

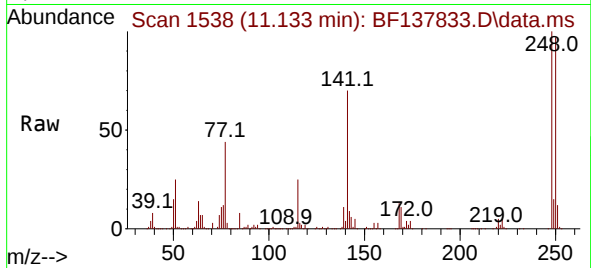
Tgt Ion:169 Resp: 826364
Ion Ratio Lower Upper
169 100
168 66.9 53.3 79.9
167 35.9 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 49.598 ng
RT: 11.133 min Scan# 1538
Delta R.T. -0.006 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Instrument :
BNA_F
ClientSampleId :
V359MSD



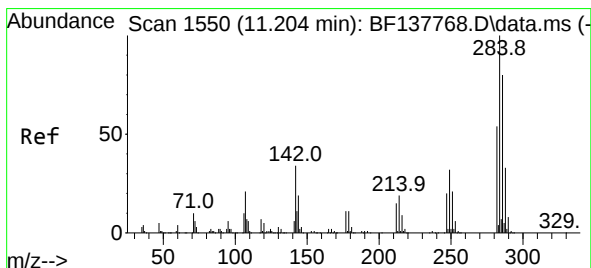
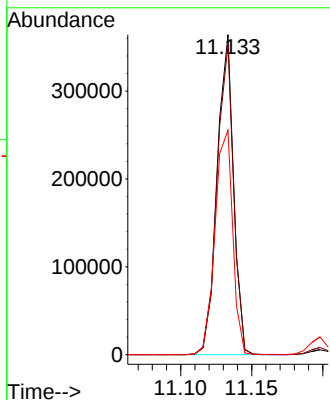
Tgt Ion:248 Resp: 294385
Ion Ratio Lower Upper
248 100
250 96.9 79.1 118.7
141 70.1 55.4 83.2

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Patel

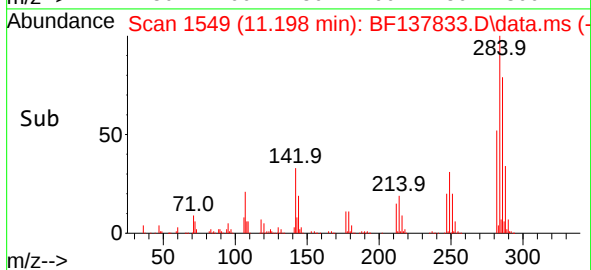
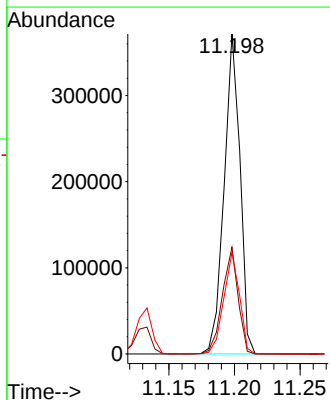
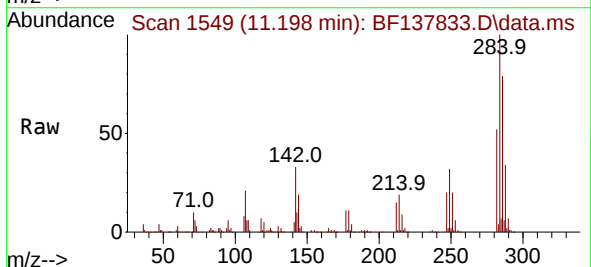
05/04/2024
Supervised By :mohammad
ahmed

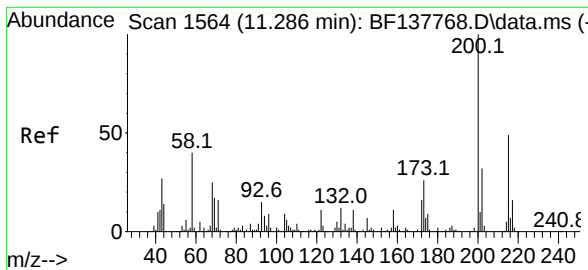
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#68
Hexachlorobenzene
Concen: 47.985 ng
RT: 11.198 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

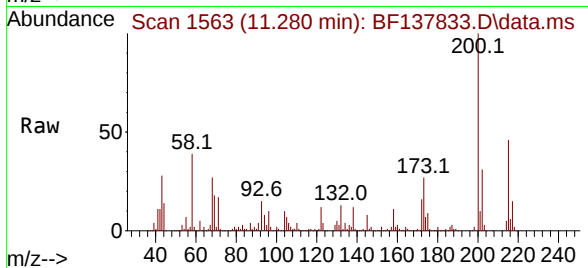
Tgt Ion:284 Resp: 311245
Ion Ratio Lower Upper
284 100
142 33.3 27.3 40.9
249 31.6 25.6 38.4





#69
 Atrazine
 Concen: 53.568 ng
 RT: 11.280 min Scan# 1563
 Delta R.T. -0.006 min
 Lab File: BF137833.D
 Acq: 03 May 2024 17:20

Instrument :
 BNA_F
 ClientSampleId :
 V359MSD



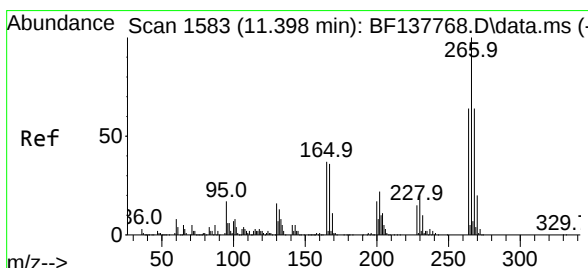
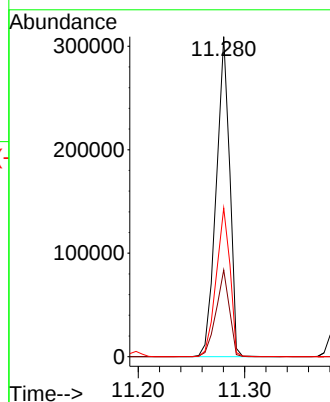
Tgt Ion:200 Resp: 271159
 Ion Ratio Lower Upper
 200 100
 173 27.1 5.9 45.9
 215 46.4 28.8 68.8

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Reviewed By :Yogesh
 Patel

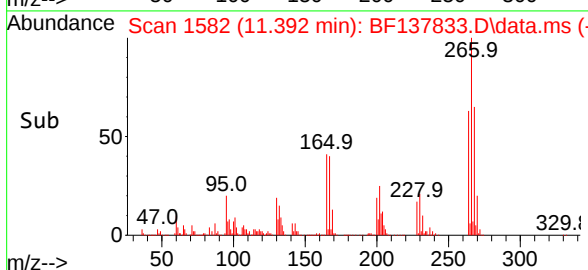
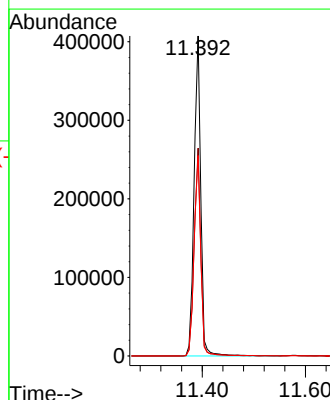
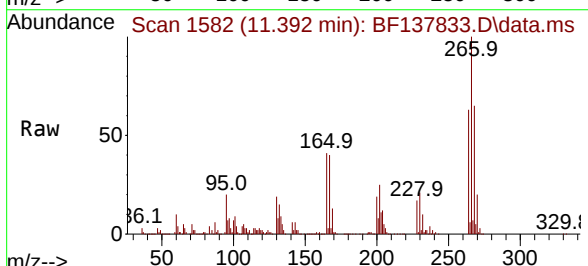
05/04/2024
 Supervised By :mohammad
 ahmed

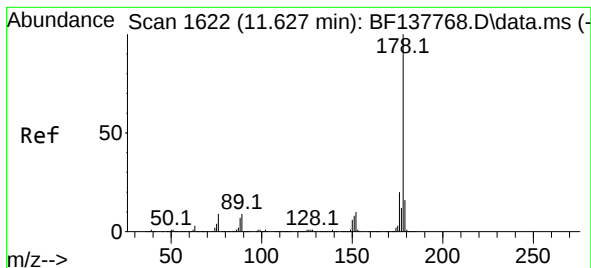
05/06/2024



#70
 Pentachlorophenol
 Concen: 81.873 ng
 RT: 11.392 min Scan# 1582
 Delta R.T. -0.006 min
 Lab File: BF137833.D
 Acq: 03 May 2024 17:20

Tgt Ion:266 Resp: 364590
 Ion Ratio Lower Upper
 266 100
 268 65.0 51.3 76.9
 264 62.6 51.0 76.4





#71

Phenanthrene

Concen: 45.507 ng

RT: 11.622 min Scan# 1622

Delta R.T. -0.006 min

Lab File: BF137833.D

Acq: 03 May 2024 17:20

Instrument :

BNA_F

ClientSampleId :

V359MSD

Tgt Ion:178 Resp: 1230158

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

179 15.2 12.5 18.7

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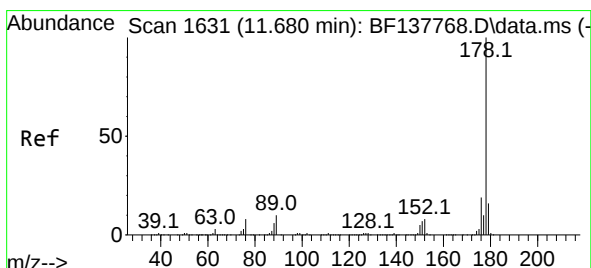
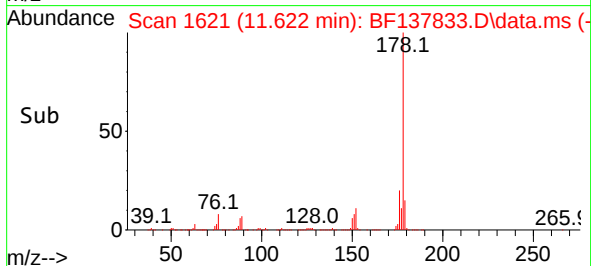
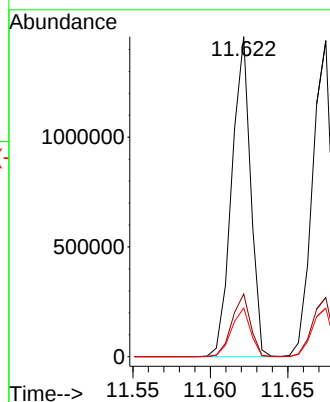
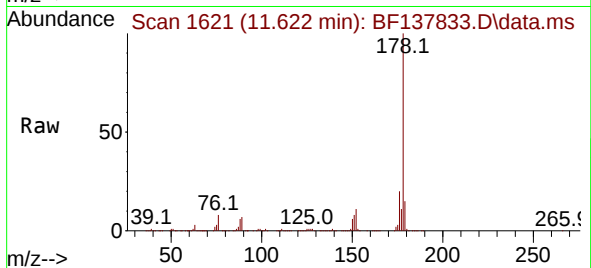
Reviewed By :Yogesh

Patel

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Supervised By :mohammad
ahmed

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#72

Anthracene

Concen: 46.502 ng

RT: 11.674 min Scan# 1630

Delta R.T. -0.006 min

Lab File: BF137833.D

Acq: 03 May 2024 17:20

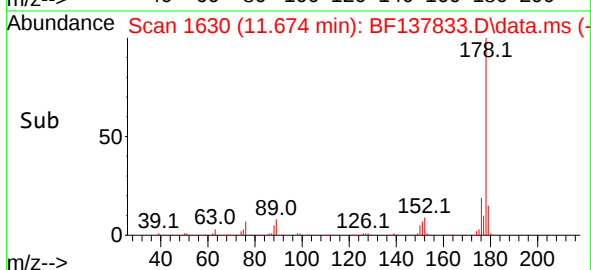
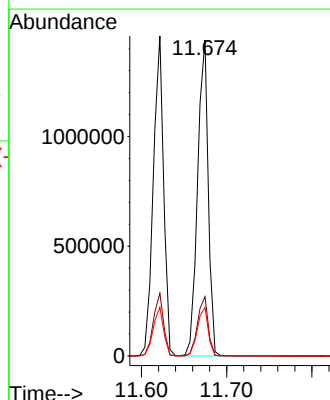
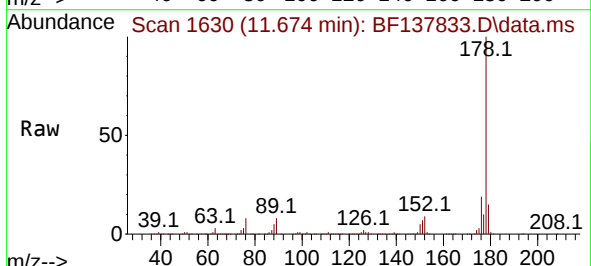
Tgt Ion:178 Resp: 1250752

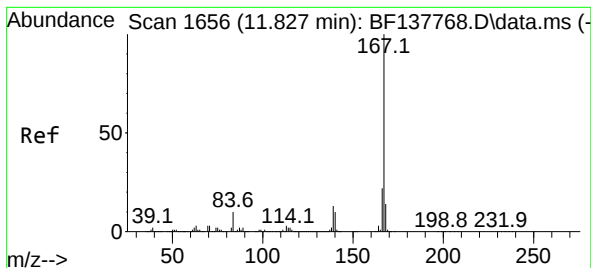
Ion Ratio Lower Upper

178 100

176 18.7 15.2 22.8

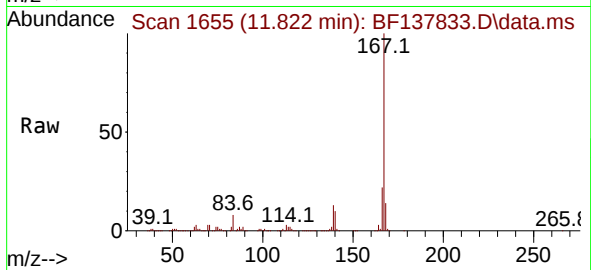
179 15.3 12.6 18.8





#73
 Carbazole
 Concen: 39.099 ng
 RT: 11.822 min Scan# 1656
 Delta R.T. -0.006 min
 Lab File: BF137833.D
 Acq: 03 May 2024 17:20

Instrument :
 BNA_F
 ClientSampleId :
 V359MSD



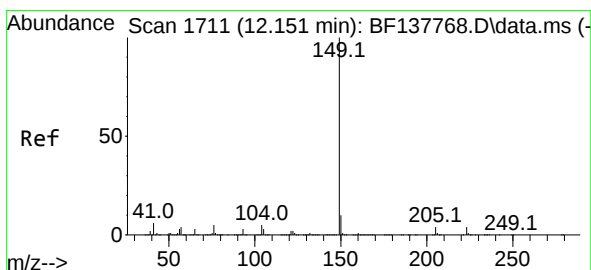
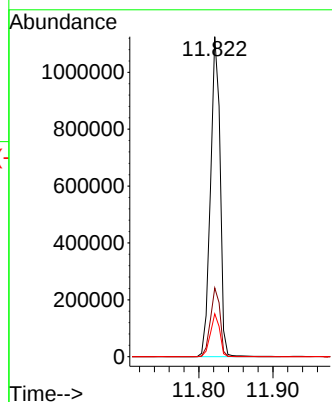
Tgt Ion:167 Resp: 101352
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.6 26.4
 139 13.4 10.5 15.7

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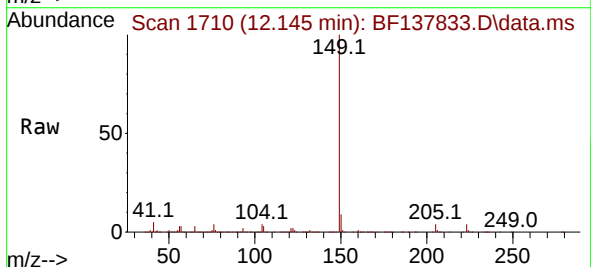
Reviewed By :Yogesh
 Patel

05/04/2024
 Supervised By :mohammad
 ahmed

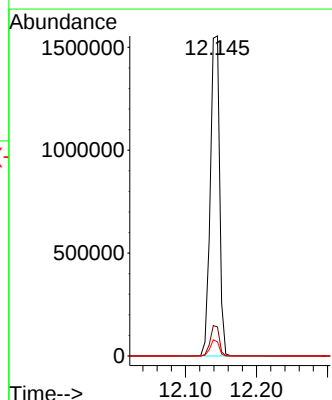
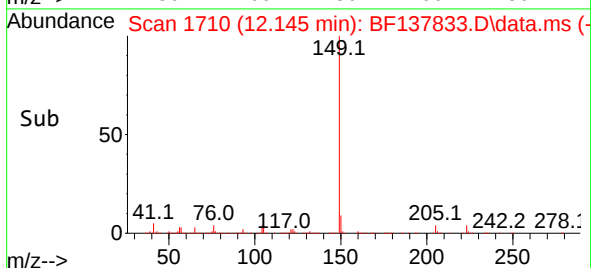
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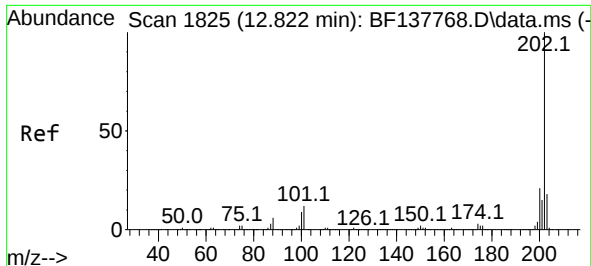


#74
 Di-n-butylphthalate
 Concen: 50.024 ng
 RT: 12.145 min Scan# 1710
 Delta R.T. -0.006 min
 Lab File: BF137833.D
 Acq: 03 May 2024 17:20



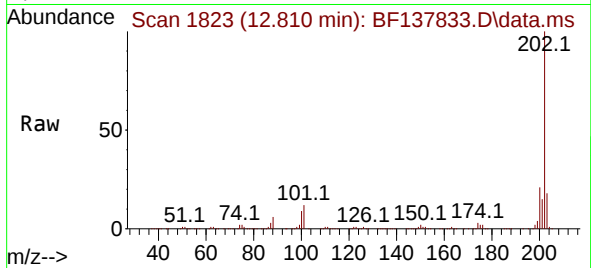
Tgt Ion:149 Resp: 1414501
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.7 11.5
 104 4.4 3.8 5.8





#75
Fluoranthene
Concen: 36.079 ng
RT: 12.810 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Instrument :
BNA_F
ClientSampleId :
V359MSD



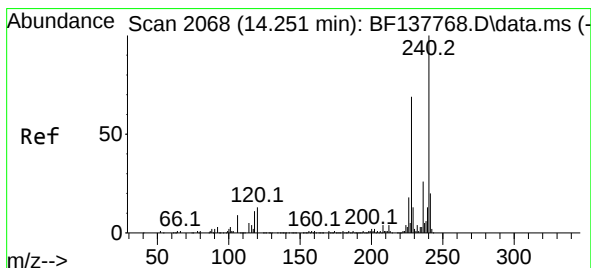
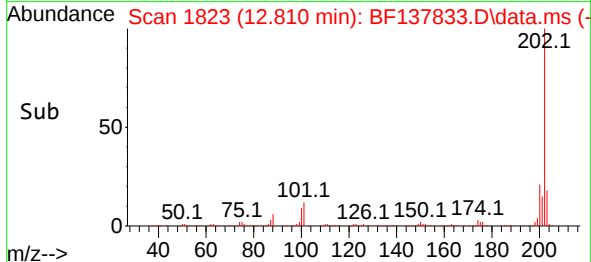
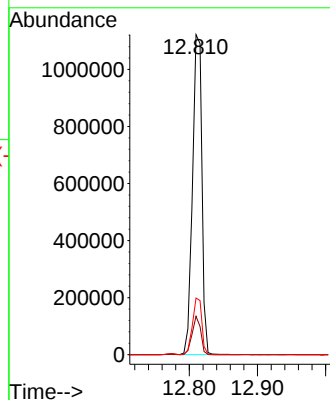
Tgt Ion:202 Resp: 106609
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.8
203 17.7 0.0 37.8

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Patel

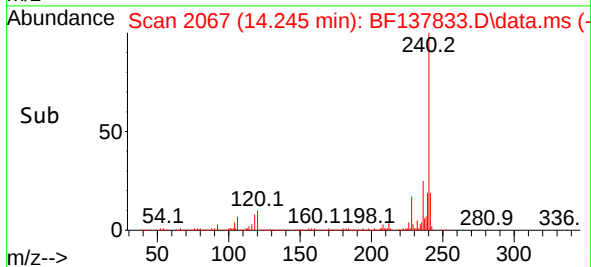
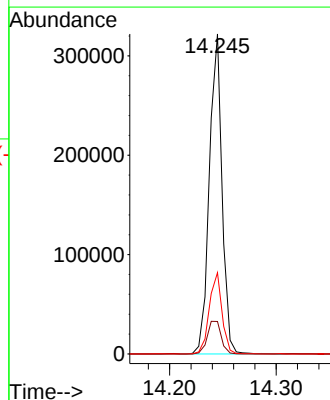
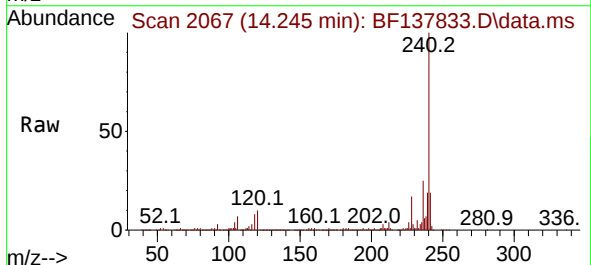
05/04/2024
Supervised By :mohammad
ahmed

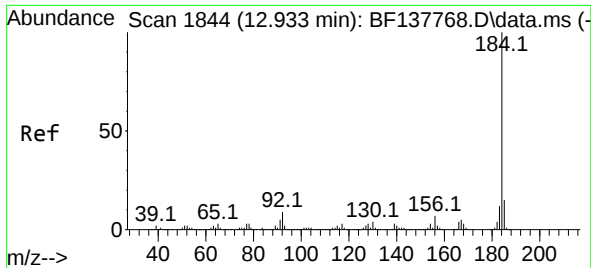
05/06/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.245 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Tgt Ion:240 Resp: 266803
Ion Ratio Lower Upper
240 100
120 10.2 10.4 15.6#
236 25.4 20.4 30.6





#77
Benzidine
Concen: 12.626 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Instrument :
BNA_F
ClientSampleId :
V359MSD

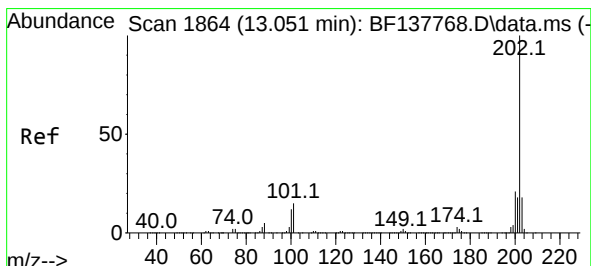
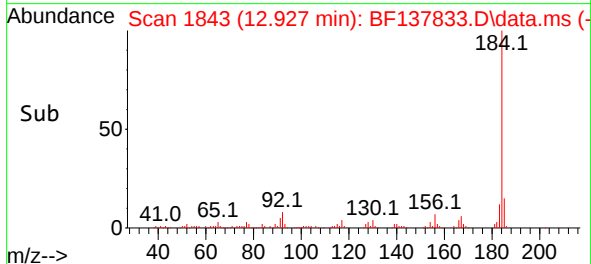
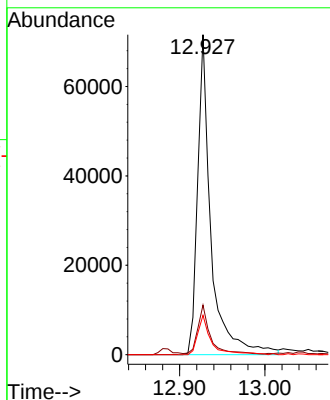
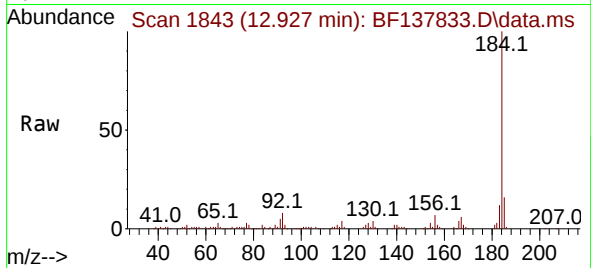
Tgt Ion:184 Resp: 77909
Ion Ratio Lower Upper
184 100
185 15.5 12.3 18.5
183 12.3 9.2 13.8

Manual Integrations
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Reviewed By :Yogesh
Patel

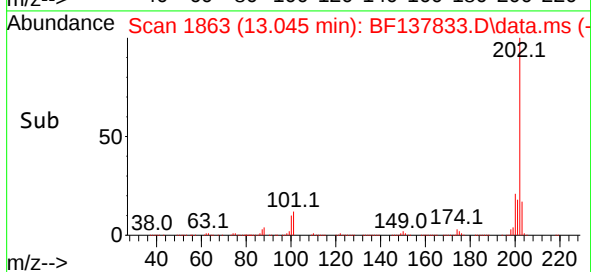
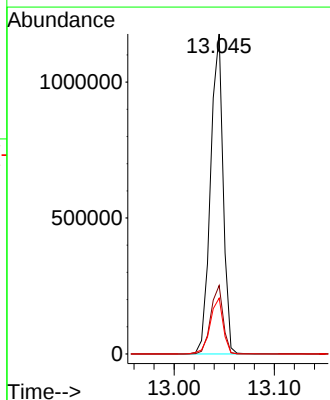
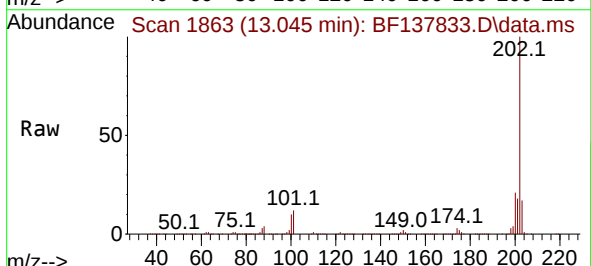
05/04/2024
Supervised By :mohammad
ahmed

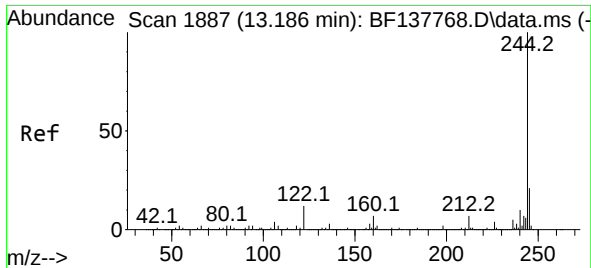
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#78
Pyrene
Concen: 48.573 ng
RT: 13.045 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

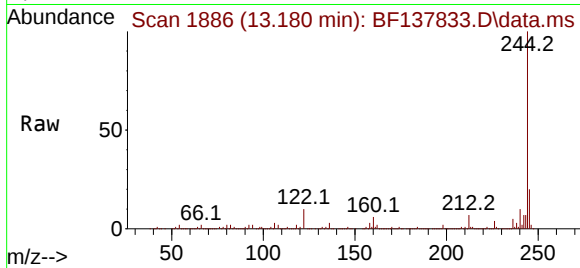
Tgt Ion:202 Resp: 1027526
Ion Ratio Lower Upper
202 100
200 21.4 17.2 25.8
203 17.5 14.4 21.6





#79
Terphenyl-d14
Concen: 100.188 ng
RT: 13.180 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Instrument :
BNA_F
ClientSampleId :
V359MSD



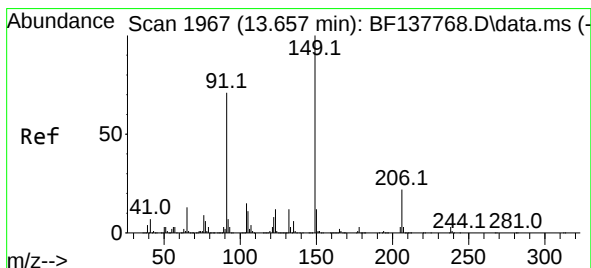
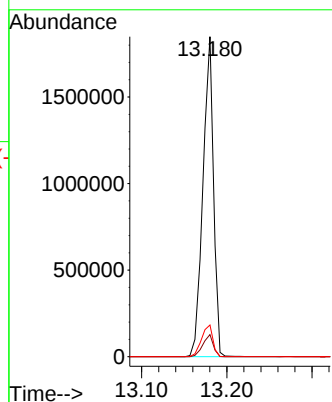
Tgt Ion:244 Resp: 1595029
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 9.9 9.4 14.2

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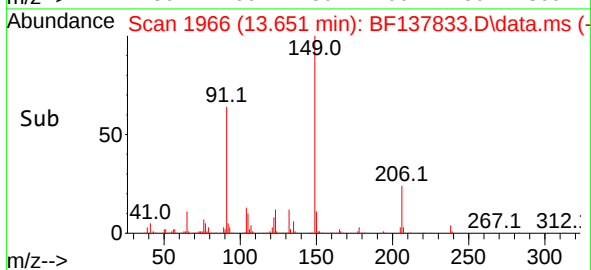
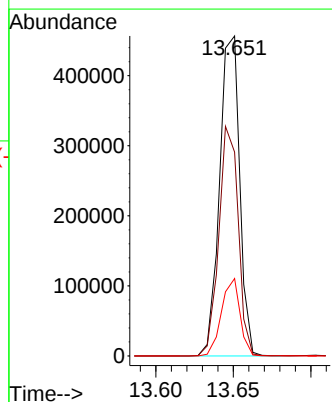
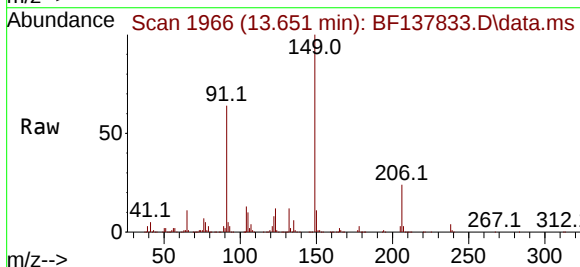
05/04/2024
Supervised By :mohammad
ahmed

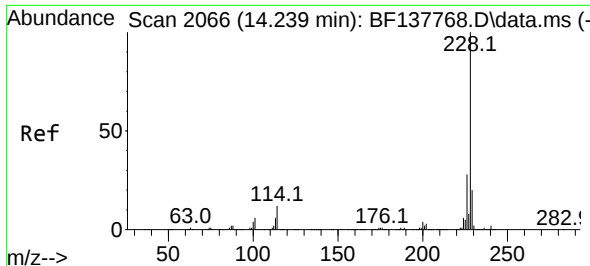
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#80
Butylbenzylphthalate
Concen: 61.422 ng
RT: 13.651 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

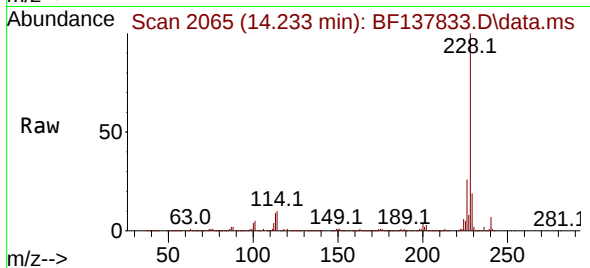
Tgt Ion:149 Resp: 412256
Ion Ratio Lower Upper
149 100
91 63.7 56.8 85.2
206 24.2 17.8 26.8





#81
Benzo(a)anthracene
Concen: 47.304 ng
RT: 14.233 min Scan# 2066
Delta R.T. -0.006 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Instrument :
BNA_F
ClientSampleId :
V359MSD



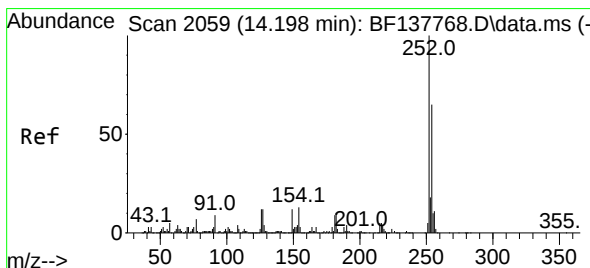
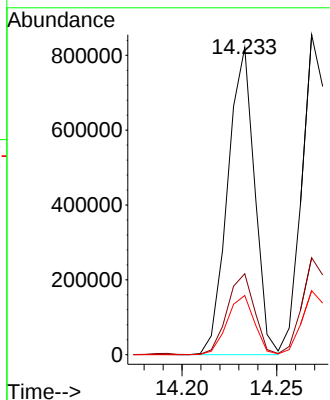
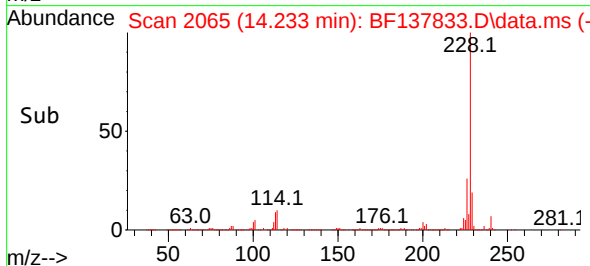
Tgt Ion:228 Resp: 807222
Ion Ratio Lower Upper
228 100
226 26.4 22.2 33.2
229 19.3 16.3 24.5

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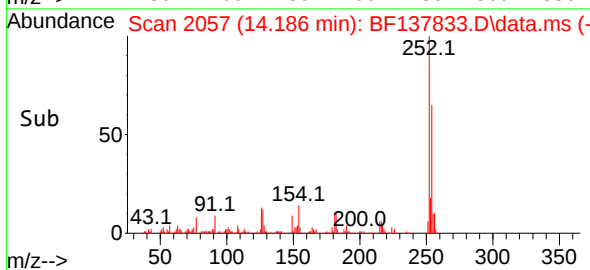
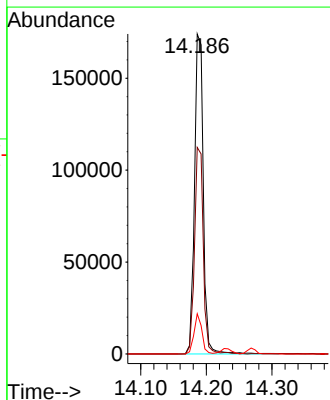
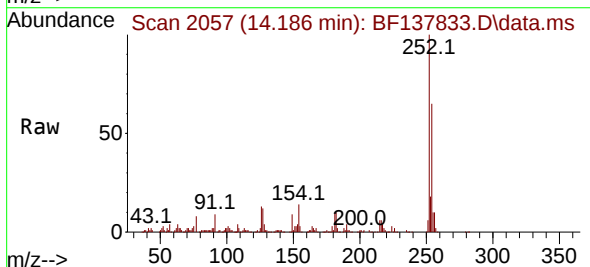
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Supervised By :mohammad
ahmed

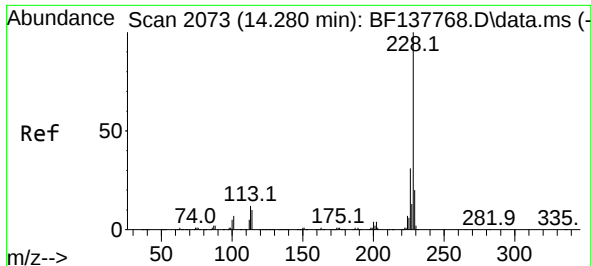
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#82
3,3'-Dichlorobenzidine
Concen: 31.841 ng
RT: 14.186 min Scan# 2057
Delta R.T. -0.012 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

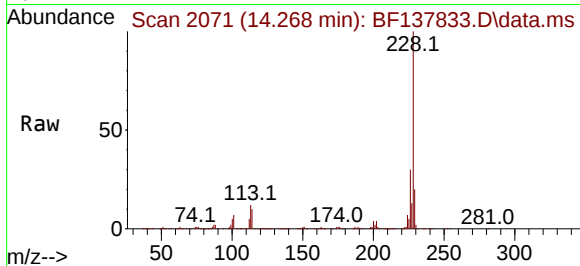
Tgt Ion:252 Resp: 162660
Ion Ratio Lower Upper
252 100
254 64.6 51.7 77.5
126 12.6 9.7 14.5





#83
Chrysene
Concen: 47.910 ng
RT: 14.268 min Scan# 2071
Delta R.T. -0.012 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Instrument :
BNA_F
ClientSampleId :
V359MSD



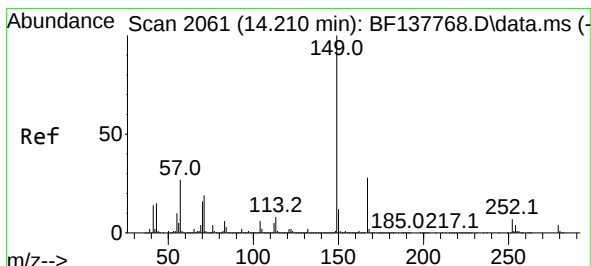
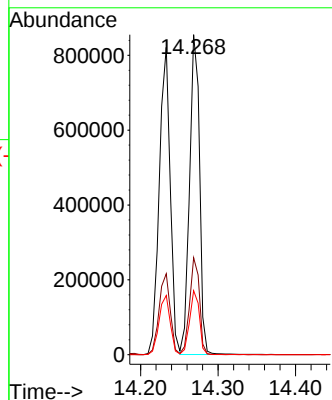
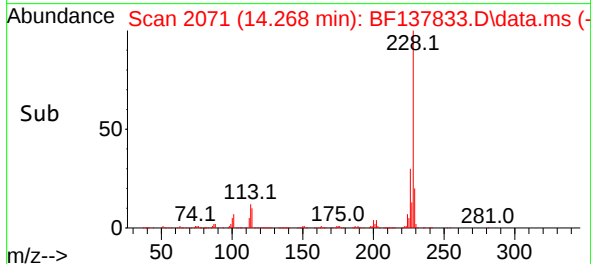
Tgt Ion:228 Resp: 76550
Ion Ratio Lower Upper
228 100
226 30.3 24.8 37.2
229 20.0 16.0 24.0

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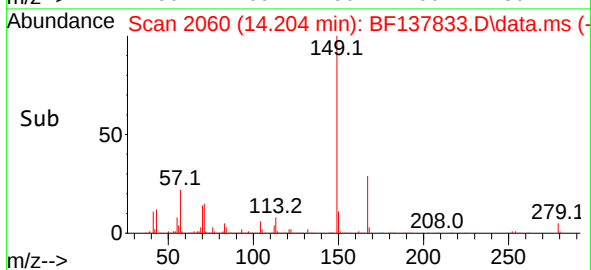
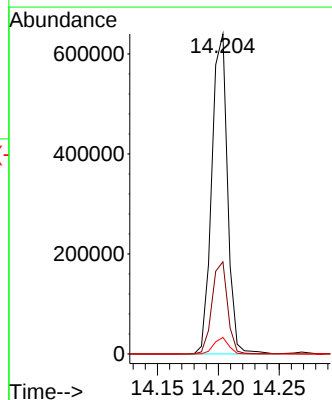
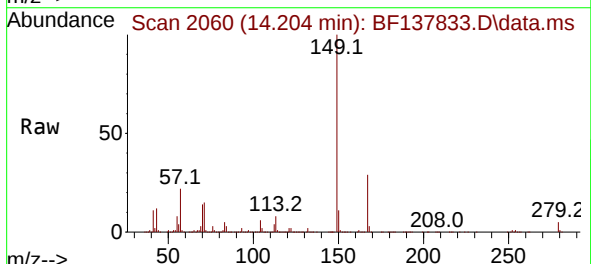
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Supervised By :mohammad
ahmed

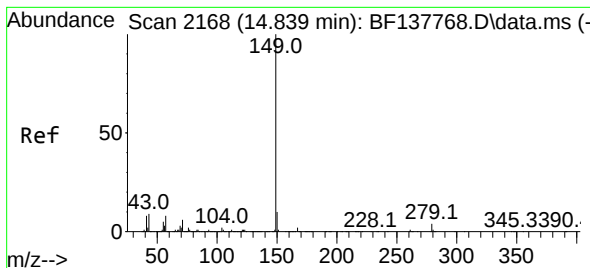
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#84
Bis(2-ethylhexyl)phthalate
Concen: 68.023 ng
RT: 14.204 min Scan# 2060
Delta R.T. -0.006 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

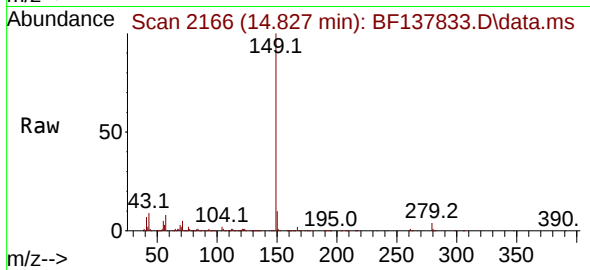
Tgt Ion:149 Resp: 575396
Ion Ratio Lower Upper
149 100
167 28.8 22.4 33.6
279 5.2 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 79.792 ng
RT: 14.827 min Scan# 2166
Delta R.T. -0.012 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Instrument :
BNA_F
ClientSampleId :
V359MSD



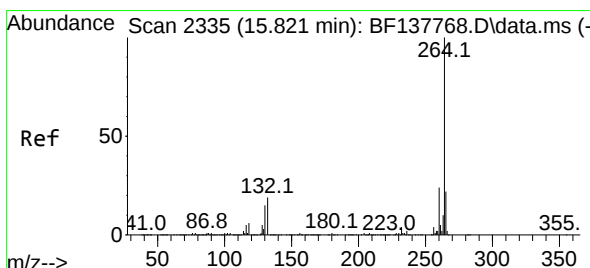
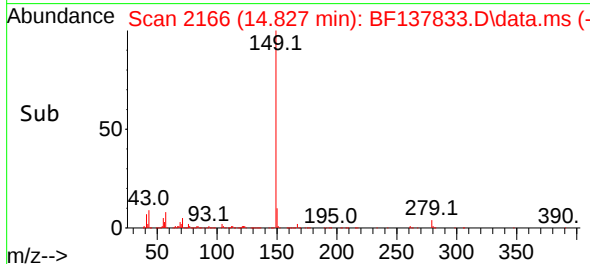
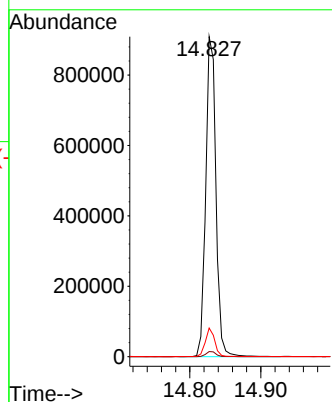
Tgt Ion:149 Resp: 908358
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.2 7.5 11.3

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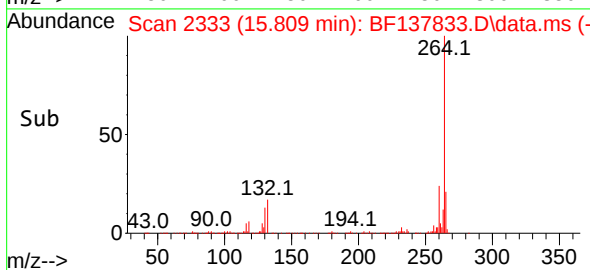
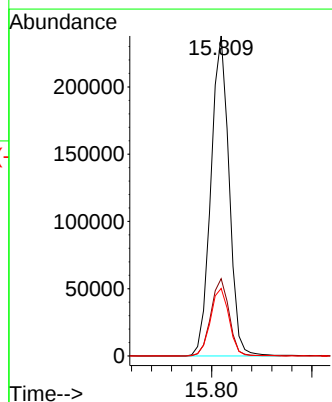
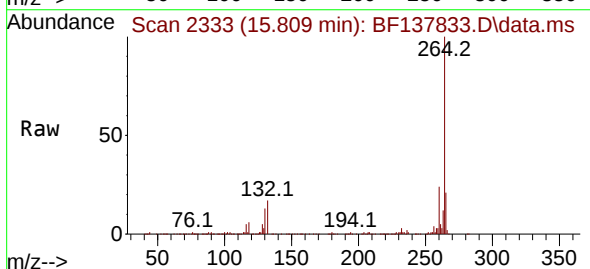
05/04/2024
Supervised By :mohammad
ahmed

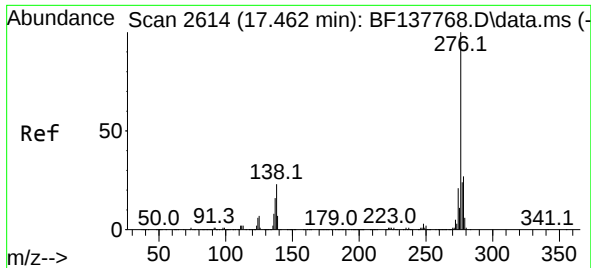
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.809 min Scan# 2333
Delta R.T. -0.012 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Tgt Ion:264 Resp: 299754
Ion Ratio Lower Upper
264 100
260 24.1 18.9 28.3
265 21.1 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.656 ng
RT: 17.445 min Scan# 20
Delta R.T. -0.018 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Instrument :

BNA_F

ClientSampleId :

V359MSD

Tgt Ion:276 Resp: 726939
Ion Ratio Lower Upper
276 100
138 25.3 21.4 32.0
277 25.6 20.1 30.1

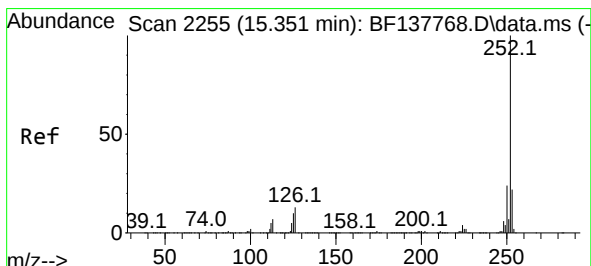
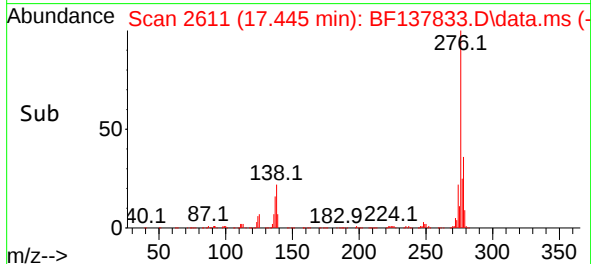
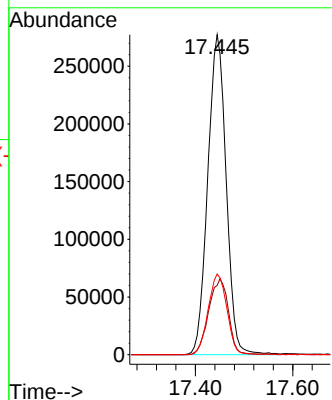
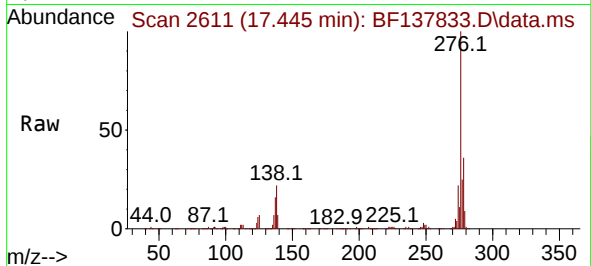
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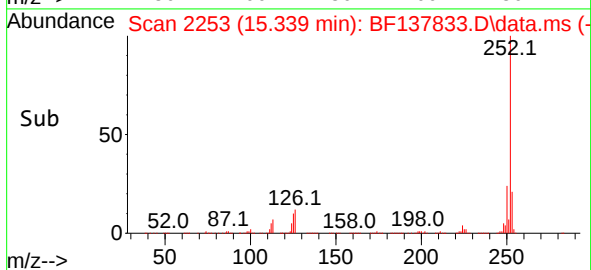
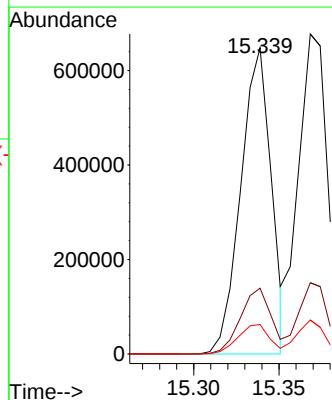
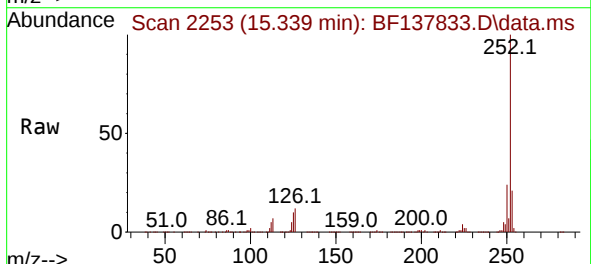
Supervised By :mohammad
ahmed

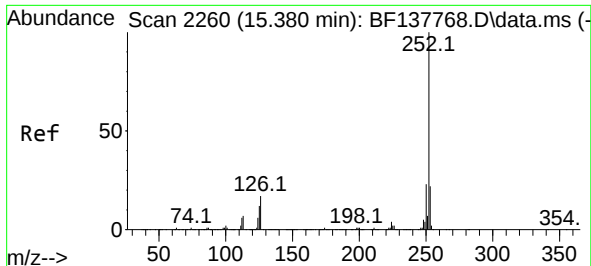
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#88
Benzo(b)fluoranthene
Concen: 43.079 ng
RT: 15.339 min Scan# 2253
Delta R.T. -0.012 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

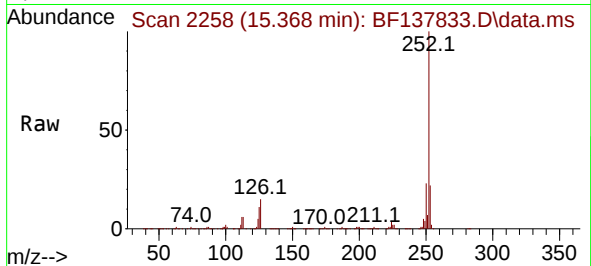
Tgt Ion:252 Resp: 803413
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 9.6 7.9 11.9





#89
Benzo(k)fluoranthene
Concen: 45.144 ng
RT: 15.368 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Instrument :
BNA_F
ClientSampleId :
V359MSD



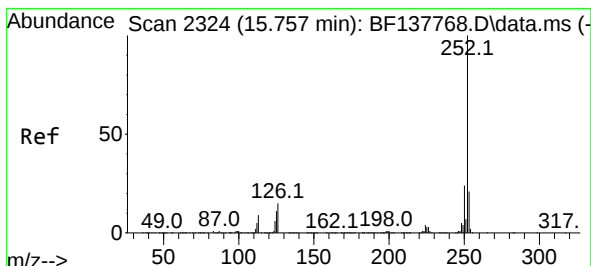
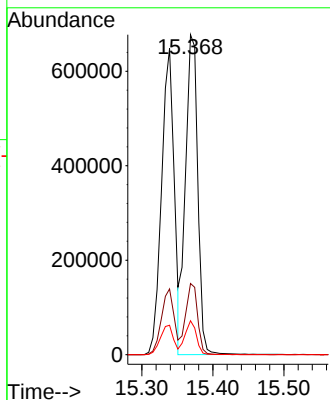
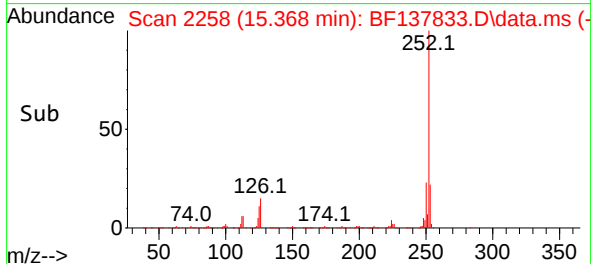
Tgt Ion:252 Resp: 81376
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 10.6 9.0 13.4

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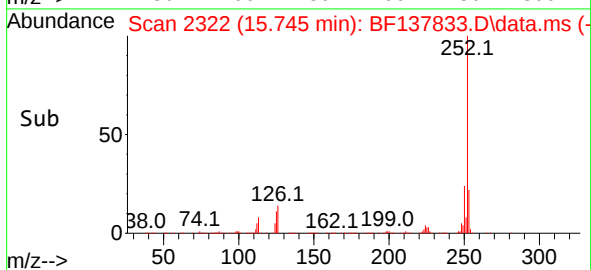
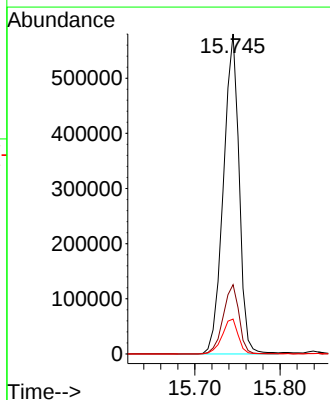
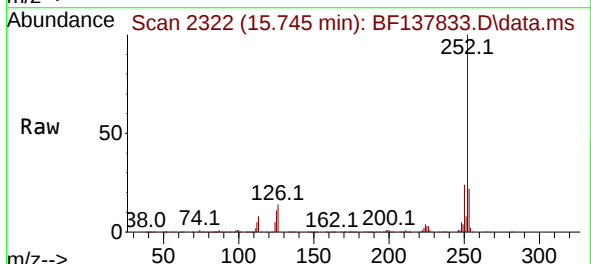
05/04/2024
Supervised By :mohammad
ahmed

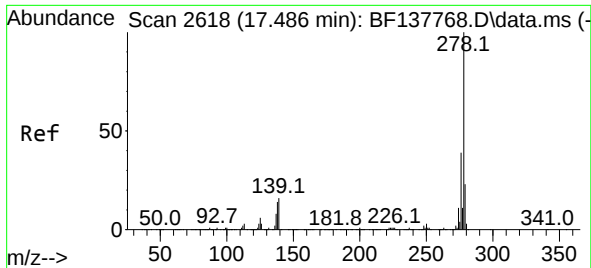
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#90
Benzo(a)pyrene
Concen: 48.894 ng
RT: 15.745 min Scan# 2322
Delta R.T. -0.012 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

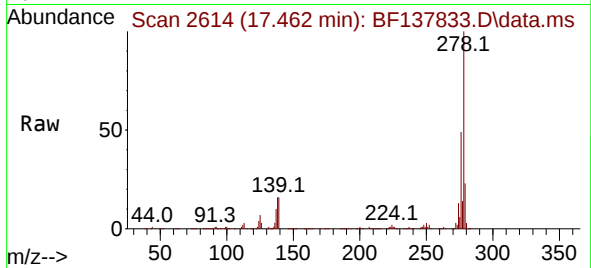
Tgt Ion:252 Resp: 743927
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 10.9 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 42.538 ng
RT: 17.462 min Scan# 2614
Delta R.T. -0.024 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Instrument :
BNA_F
ClientSampleId :
V359MSD



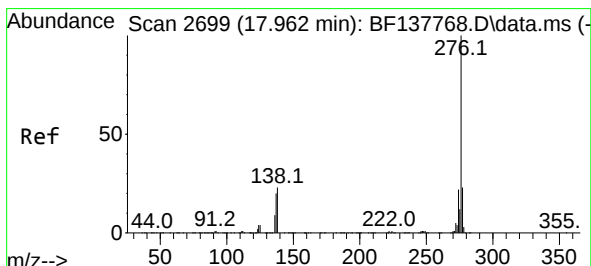
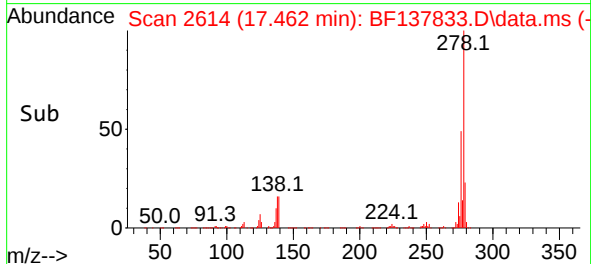
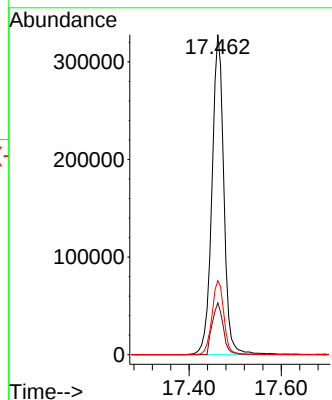
Tgt Ion:278 Resp: 59007
Ion Ratio Lower Upper
278 100
139 16.2 13.0 19.6
279 23.1 18.7 28.1

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ahmed

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#92
Benzo(g,h,i)perylene
Concen: 36.995 ng
RT: 17.945 min Scan# 2696
Delta R.T. -0.018 min
Lab File: BF137833.D
Acq: 03 May 2024 17:20

Tgt Ion:276 Resp: 537975
Ion Ratio Lower Upper
276 100
277 23.8 18.0 27.0
138 21.4 18.1 27.1

