

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060823\
 Data File : BF133651.D
 Acq On : 08 Jun 2023 20:20
 Operator : CG\JU
 Sample : PB153261BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153261BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel
 06/09/2023

Supervised By :mohammad
 ahmed
 06/13/2023

Quant Time: Jun 09 01:48:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 08 11:43:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	126002	20.000	ng	0.00
21) Naphthalene-d8	8.127	136	434421	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	187805	20.000	ng	0.00
64) Phenanthrene-d10	11.368	188	342040	20.000	ng	0.00
76) Chrysene-d12	14.021	240	169514	20.000	ng	# 0.00
86) Perylene-d12	15.486	264	145899	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	854813	113.191	ng	0.02
7) Phenol-d6	6.481	99	1010884	108.737	ng	0.01
23) Nitrobenzene-d5	7.410	82	646194	99.317	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	246193	131.508	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1078372	88.624	ng	0.00
79) Terphenyl-d14	12.962	244	1018245	106.801	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	108653	31.856	ng	99
3) Pyridine	3.398	79	302824	31.666	ng	97
4) n-Nitrosodimethylamine	3.351	42	206487	39.592	ng	98
6) Aniline	6.504	93	422353	33.460	ng	100
8) 2-Chlorophenol	6.628	128	334344	44.931	ng	95
9) Benzaldehyde	6.392	77	206887	45.961	ng	99
10) Phenol	6.492	94	391785	42.010	ng	83
11) bis(2-Chloroethyl)ether	6.581	93	322458	41.820	ng	97
12) 1,3-Dichlorobenzene	6.781	146	349386	42.292	ng	98
13) 1,4-Dichlorobenzene	6.857	146	357043	43.109	ng	99
14) 1,2-Dichlorobenzene	7.010	146	337237	44.124	ng	98
15) Benzyl Alcohol	6.986	79	292347	41.421	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	556312	38.040	ng	96
17) 2-Methylphenol	7.098	107	269366	38.225	ng	98
18) Hexachloroethane	7.351	117	95129	33.216	ng	94
19) n-Nitroso-di-n-propyla...	7.257	70	229405	38.139	ng	100
20) 3+4-Methylphenols	7.251	107	315273	39.573	ng	# 84
22) Acetophenone	7.257	105	434924	43.474	ng	# 94
24) Nitrobenzene	7.428	77	340920	49.176	ng	99
25) Isophorone	7.663	82	628120	41.423	ng	99
26) 2-Nitrophenol	7.739	139	119349	38.600	ng	97
27) 2,4-Dimethylphenol	7.780	122	276100	42.794	ng	97
28) bis(2-Chloroethoxy)met...	7.875	93	369217	41.990	ng	99
29) 2,4-Dichlorophenol	7.986	162	253190	43.618	ng	96
30) 1,2,4-Trichlorobenzene	8.069	180	272787	43.447	ng	97
31) Naphthalene	8.151	128	858268	40.751	ng	99
32) Benzoic acid	7.886	122	155243m	38.285	ng	
33) 4-Chloroaniline	8.198	127	265502	29.413	ng	96
34) Hexachlorobutadiene	8.263	225	173513	45.432	ng	100
35) Caprolactam	8.575	113	82352m	43.259	ng	
36) 4-Chloro-3-methylphenol	8.675	107	268188	41.245	ng	99
37) 2-Methylnaphthalene	8.839	142	543900	37.824	ng	98
38) 1-Methylnaphthalene	8.939	142	507173	37.836	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	254438	45.710	ng	99
41) Hexachlorocyclopentadiene	8.986	237	54440	19.085	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	163593	45.930	ng	98

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Manual Integrations
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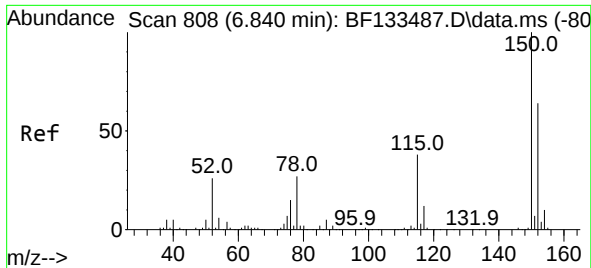
Reviewed By :Yogesh
 Patel
 06/09/2023

Supervised By :mohammad
 ahmed
 06/13/2023

Quant Time: Jun 09 01:48:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	171546	41.495	ng	98
46) 1,1'-Biphenyl	9.304	154	671357	43.999	ng	100
47) 2-Chloronaphthalene	9.327	162	481575	43.549	ng	98
48) 2-Nitroaniline	9.427	65	187111	52.311	ng	94
49) Acenaphthylene	9.745	152	769365	40.769	ng	99
50) Dimethylphthalate	9.604	163	609703	46.191	ng	100
51) 2,6-Dinitrotoluene	9.669	165	105991	42.675	ng	84
52) Acenaphthene	9.916	154	457084	39.985	ng	99
53) 3-Nitroaniline	9.839	138	162965	51.545	ng	# 93
54) 2,4-Dinitrophenol	9.939	184	9932	16.449	ng	98
55) Dibenzofuran	10.086	168	684615	40.255	ng	98
56) 4-Nitrophenol	9.998	139	190689	84.439	ng	95
57) 2,4-Dinitrotoluene	10.069	165	121728	39.962	ng	92
58) Fluorene	10.433	166	507948	40.765	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	138224	44.394	ng	99
60) Diethylphthalate	10.304	149	603313	44.029	ng	99
61) 4-Chlorophenyl-phenyle...	10.421	204	260460	43.534	ng	99
62) 4-Nitroaniline	10.451	138	160303	50.403	ng	96
63) Azobenzene	10.586	77	516976	37.691	ng	99
65) 4,6-Dinitro-2-methylph...	10.480	198	7430	13.059	ng	83
66) n-Nitrosodiphenylamine	10.545	169	466483	42.009	ng	100
67) 4-Bromophenyl-phenylether	10.916	248	157990	43.494	ng	93
68) Hexachlorobenzene	10.980	284	169174	44.536	ng	99
69) Atrazine	11.069	200	140166	46.004	ng	100
70) Pentachlorophenol	11.174	266	165938	73.058	ng	100
71) Phenanthrene	11.398	178	725128	41.857	ng	100
72) Anthracene	11.451	178	737915	41.387	ng	99
73) Carbazole	11.604	167	710407	42.131	ng	100
74) Di-n-butylphthalate	11.933	149	885589	44.416	ng	100
75) Fluoranthene	12.586	202	735648	38.444	ng	99
77) Benzidine	12.715	184	556417	112.229	ng	98
78) Pyrene	12.815	202	726614	50.372	ng	98
80) Butylbenzylphthalate	13.439	149	324088	56.785	ng	92
81) Benzo(a)anthracene	14.009	228	502032	44.457	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	200048	56.669	ng	# 98
83) Chrysene	14.045	228	463574	40.665	ng	100
84) Bis(2-ethylhexyl)phtha...	13.998	149	424252	59.469	ng	99
85) Di-n-octyl phthalate	14.609	149	625952	52.671	ng	98
87) Indeno(1,2,3-cd)pyrene	16.956	276	361348	38.882	ng	96
88) Benzo(b)fluoranthene	15.056	252	435086	45.796	ng	99
89) Benzo(k)fluoranthene	15.086	252	381621	41.195	ng	99
90) Benzo(a)pyrene	15.421	252	349949	40.480	ng	98
91) Dibenzo(a,h)anthracene	16.974	278	310583	41.219	ng	98
92) Benzo(g,h,i)perylene	17.403	276	265729	34.975	ng	96

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



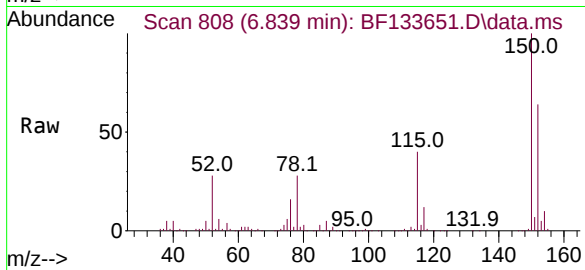
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Instrument :

BNA_F

ClientSampleId :

PB153261BS



Tgt Ion:152 Resp: 12600
Ion Ratio Lower Upper
152 100
150 156.0 124.9 187.3
115 61.9 48.1 72.1

Manual Integrations
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Reviewed By :Yogesh

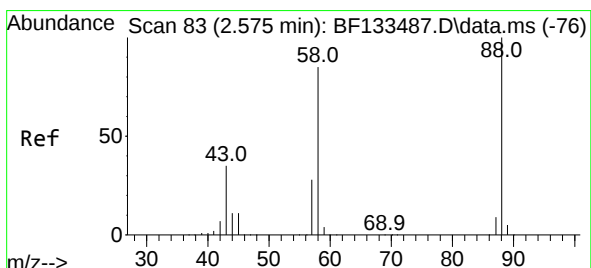
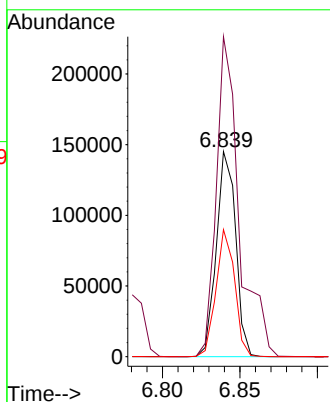
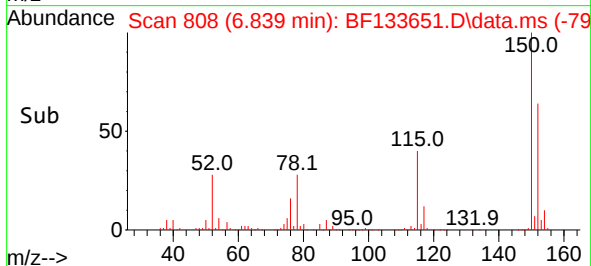
Patel

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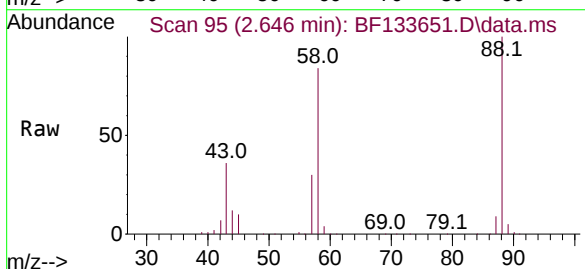
Supervised By :mohammad

ahmed

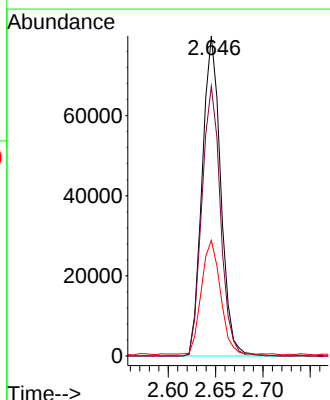
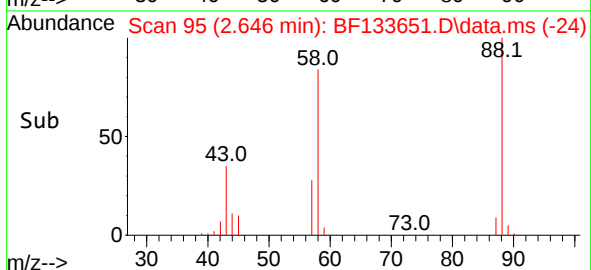
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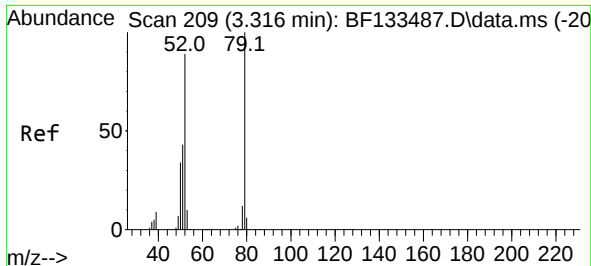


#2
1,4-Dioxane
Concen: 31.856 ng
RT: 2.646 min Scan# 95
Delta R.T. 0.071 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20



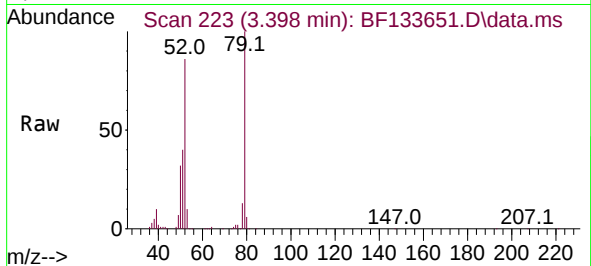
Tgt Ion: 88 Resp: 108653
Ion Ratio Lower Upper
88 100
58 84.7 67.7 101.5
43 36.3 28.2 42.4





#3
Pyridine
Concen: 31.666 ng
RT: 3.398 min Scan# 215
Delta R.T. 0.082 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Instrument :
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ClientSampleId :
PB153261BS

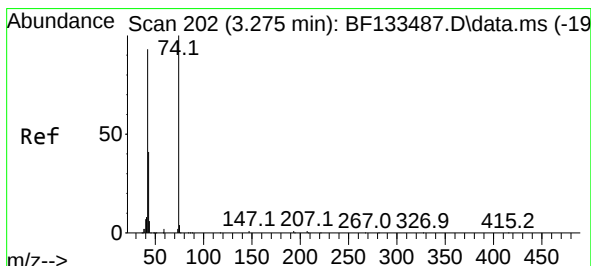
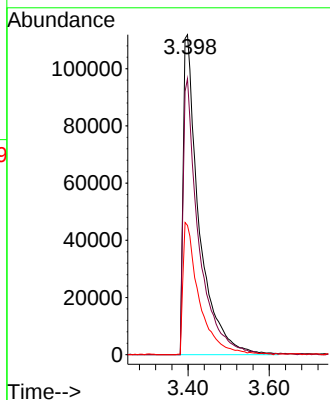
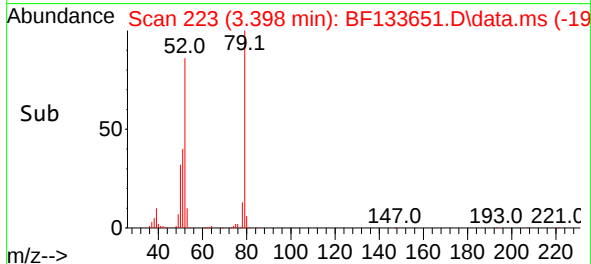


Tgt Ion: 79 Resp: 302824
Ion Ratio Lower Upper
79 100
52 86.3 71.3 106.9
51 40.4 34.4 51.6

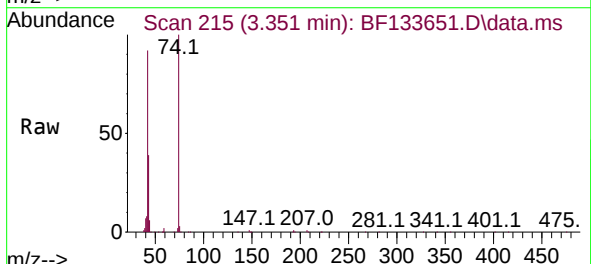
Manual Integrations
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Reviewed By :Yogesh
Patel
06/09/2023

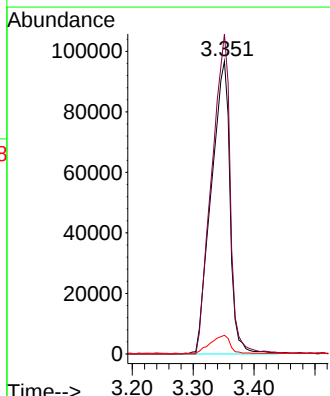
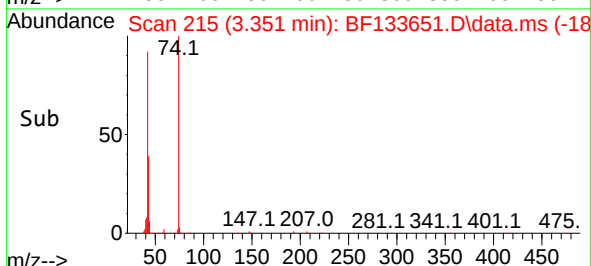
Supervised By :mohammad
ahmed
06/13/2023



#4
n-Nitrosodimethylamine
Concen: 39.592 ng
RT: 3.351 min Scan# 215
Delta R.T. 0.071 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20



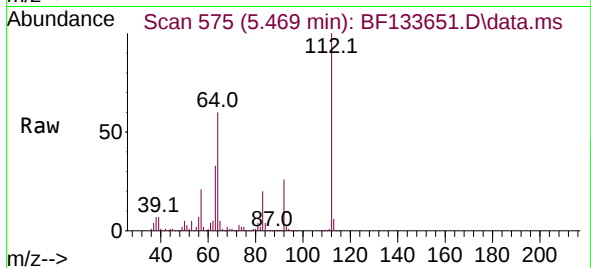
Tgt Ion: 42 Resp: 206487
Ion Ratio Lower Upper
42 100
74 109.3 85.7 128.5
44 6.4 5.6 8.4





#5
2-Fluorophenol
Concen: 113.191 ng
RT: 5.469 min Scan# 571
Delta R.T. 0.023 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Instrument :
BNA_F
ClientSampleId :
PB153261BS

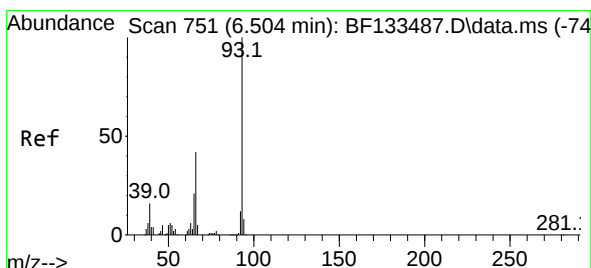
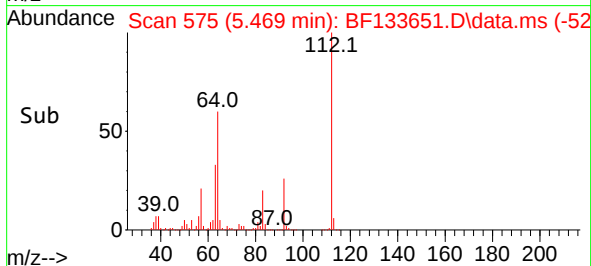
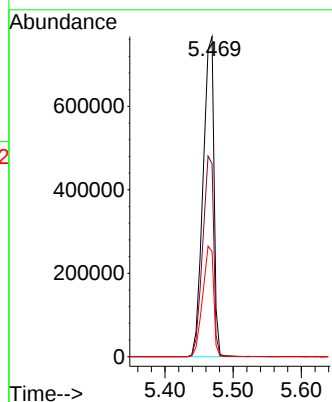


Tgt Ion: 112 Resp: 85481
Ion Ratio Lower Upper
112 100
64 60.4 50.1 75.1
63 32.9 27.5 41.3

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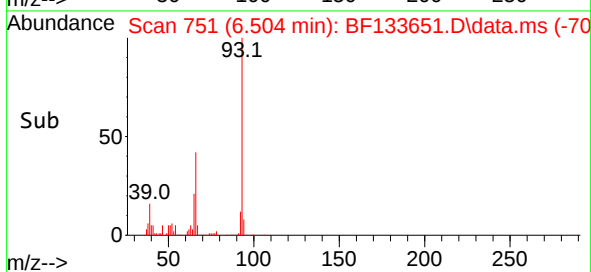
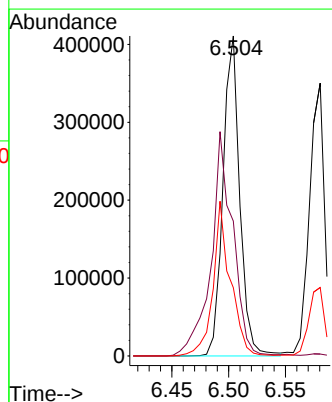
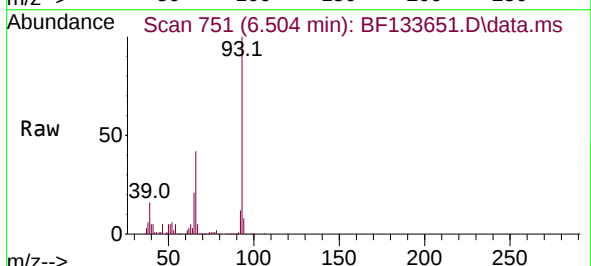
Reviewed By :Yogesh
Patel
06/09/2023

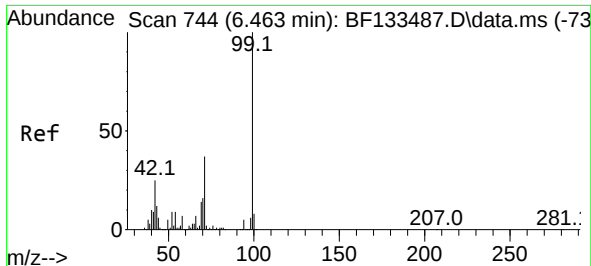
Supervised By :mohammad
ahmed
06/13/2023



#6
Aniline
Concen: 33.460 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

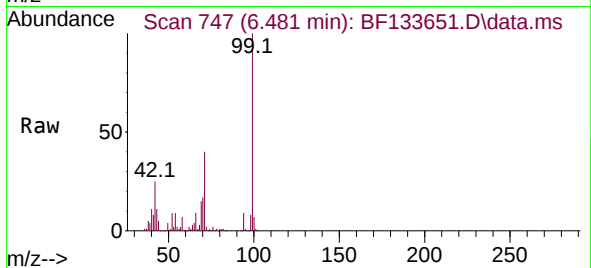
Tgt Ion: 93 Resp: 422353
Ion Ratio Lower Upper
93 100
66 42.2 33.9 50.9
65 21.4 17.2 25.8





#7
Phenol-d6
Concen: 108.737 ng
RT: 6.481 min Scan# 744
Delta R.T. 0.012 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

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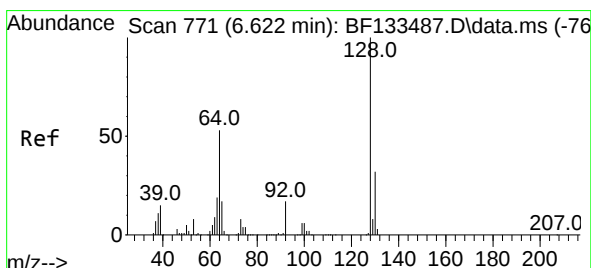
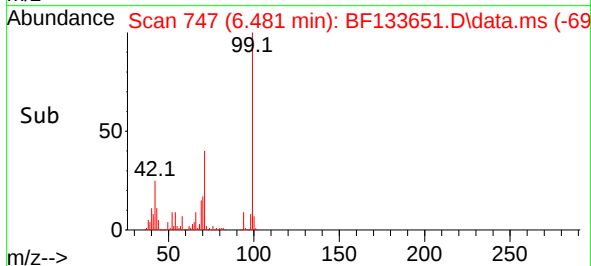
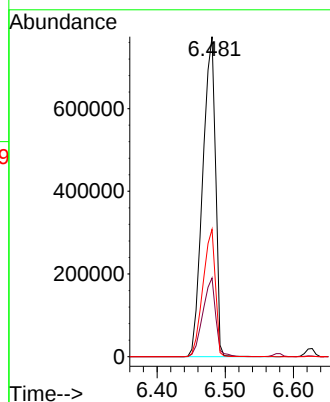


Tgt Ion: 99 Resp: 1010884
Ion Ratio Lower Upper
99 100
42 24.6 19.7 29.5
71 39.8 29.8 44.8

Manual Integrations
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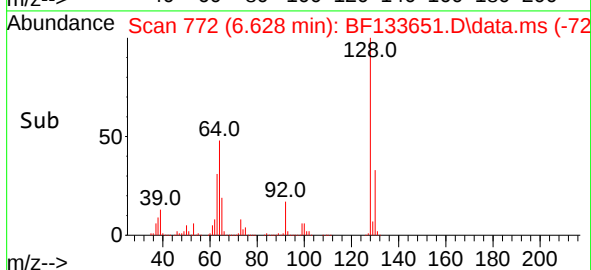
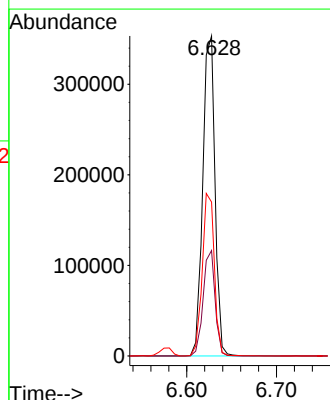
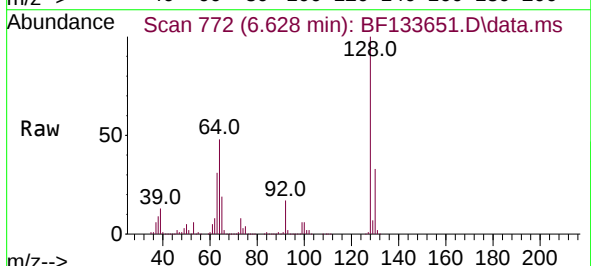
Reviewed By :Yogesh
Patel
06/09/2023

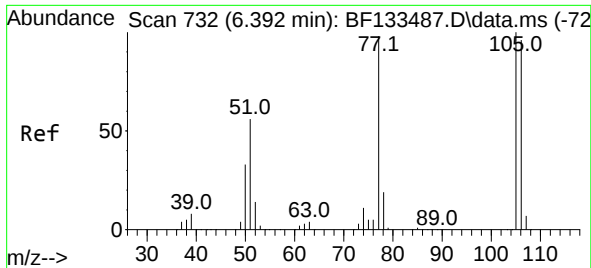
Supervised By :mohammad
ahmed
06/13/2023



#8
2-Chlorophenol
Concen: 44.931 ng
RT: 6.628 min Scan# 772
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

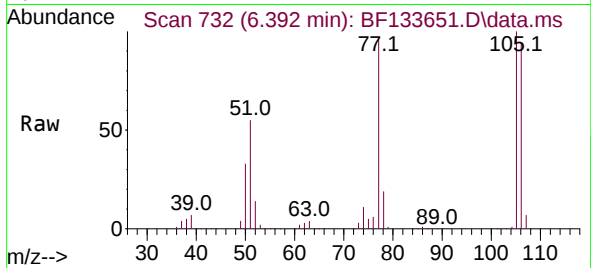
Tgt Ion:128 Resp: 334344
Ion Ratio Lower Upper
128 100
130 32.9 12.4 52.4
64 48.1 33.3 73.3





#9
Benzaldehyde
Concen: 45.961 ng
RT: 6.392 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Instrument :
BNA_F
ClientSampleId :
PB153261BS

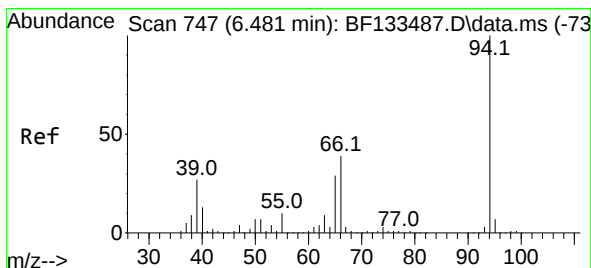
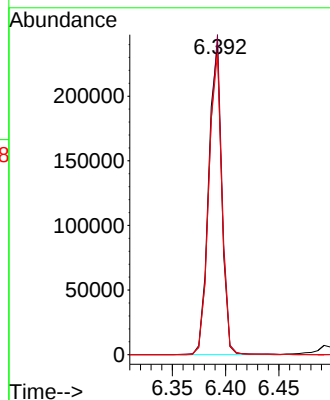


Tgt Ion: 77 Resp: 20688
Ion Ratio Lower Upper
77 100
105 103.3 81.9 121.9
106 97.3 77.8 117.8

Manual Integrations
APPROVED

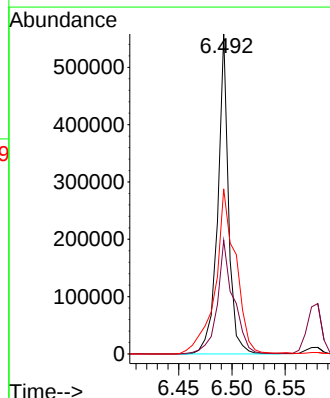
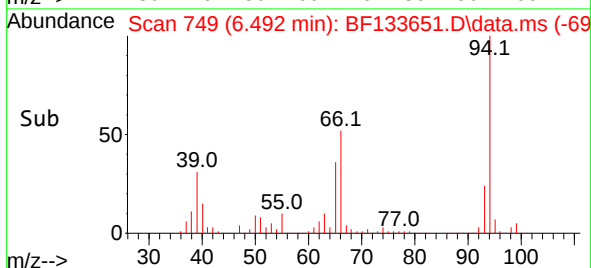
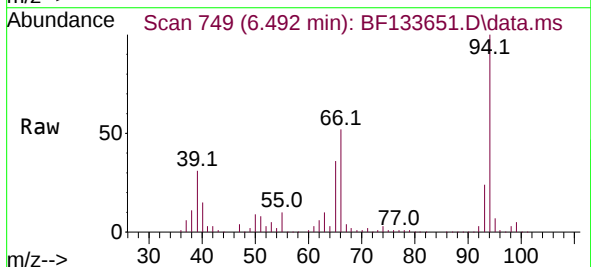
Reviewed By :Yogesh
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06/09/2023

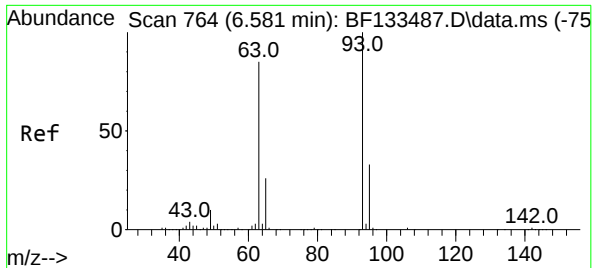
Supervised By :mohammad
ahmed
06/13/2023



#10
Phenol
Concen: 42.010 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.012 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

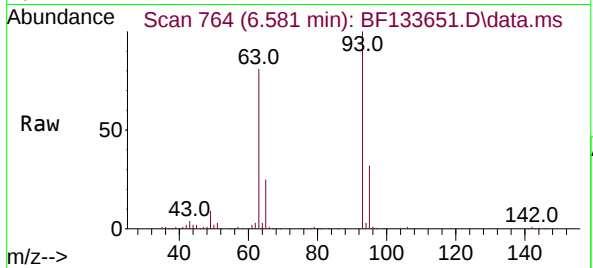
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Ion Ratio Lower Upper
94 100
65 35.6 9.1 49.1
66 51.6 18.9 58.9





#11
bis(2-Chloroethyl)ether
Concen: 41.820 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Instrument :
BNA_F
ClientSampleId :
PB153261BS

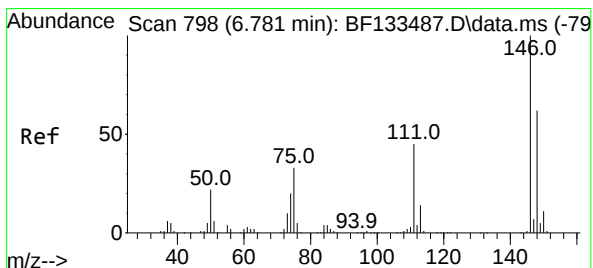
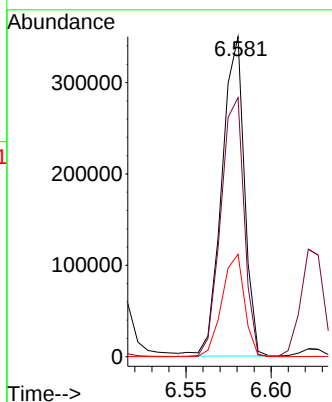


Tgt Ion: 93 Resp: 322458
Ion Ratio Lower Upper
93 100
63 81.0 64.5 104.5
95 32.0 13.3 53.3

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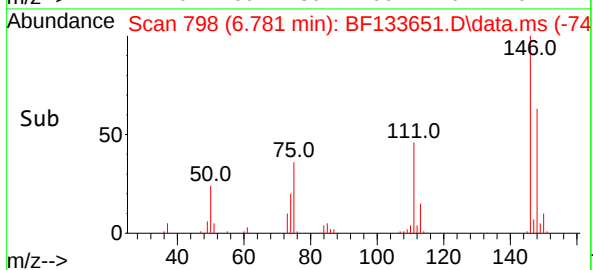
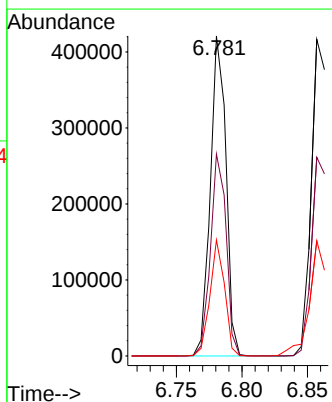
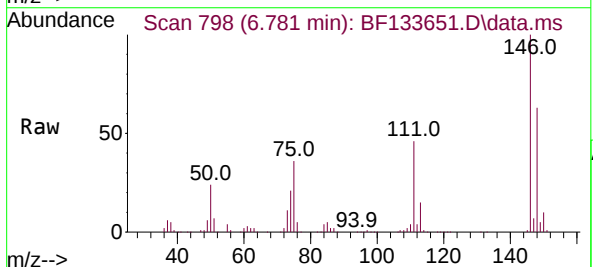
Reviewed By :Yogesh
Patel
06/09/2023

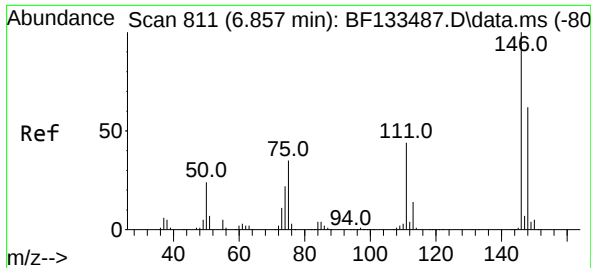
Supervised By :mohammad
ahmed
06/13/2023



#12
1,3-Dichlorobenzene
Concen: 42.292 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

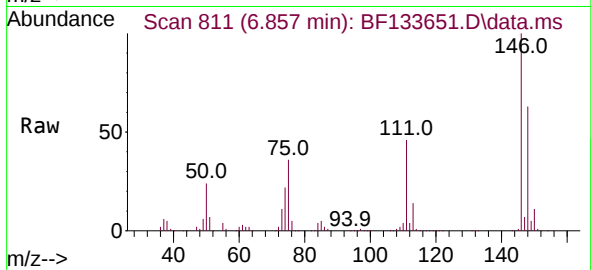
Tgt Ion:146 Resp: 349386
Ion Ratio Lower Upper
146 100
148 63.1 49.9 74.9
75 36.2 26.7 40.1





#13
1,4-Dichlorobenzene
Concen: 43.109 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Instrument :
BNA_F
ClientSampleId :
PB153261BS

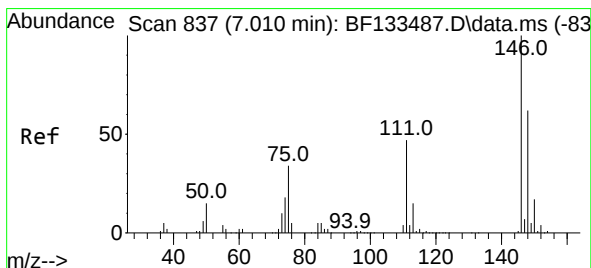
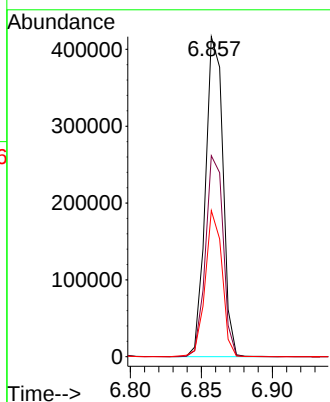
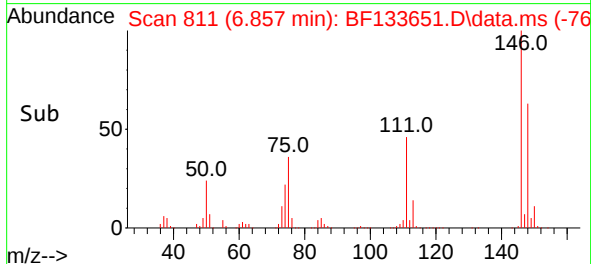


Tgt Ion:146 Resp: 35704
Ion Ratio Lower Upper
146 100
148 62.8 49.8 74.6
111 45.6 35.3 52.9

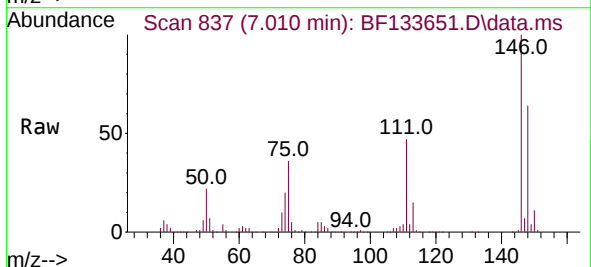
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Reviewed By :Yogesh
Patel
06/09/2023

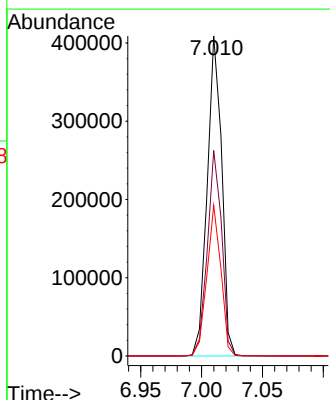
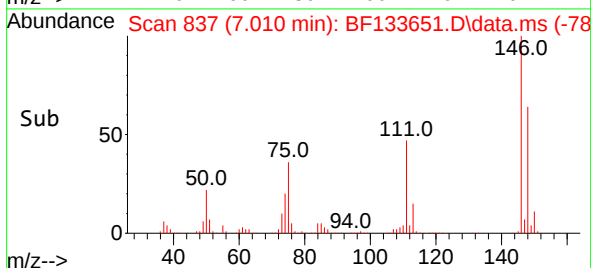
Supervised By :mohammad
ahmed
06/13/2023

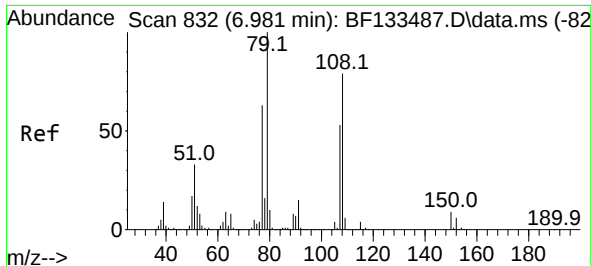


#14
1,2-Dichlorobenzene
Concen: 44.124 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20



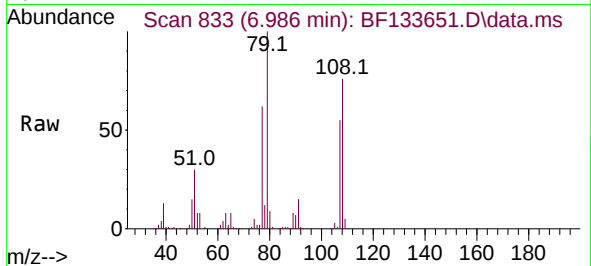
Tgt Ion:146 Resp: 337237
Ion Ratio Lower Upper
146 100
148 64.2 49.8 74.6
111 47.1 37.4 56.2





#15
Benzyl Alcohol
Concen: 41.421 ng
RT: 6.986 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Instrument :
BNA_F
ClientSampleId :
PB153261BS

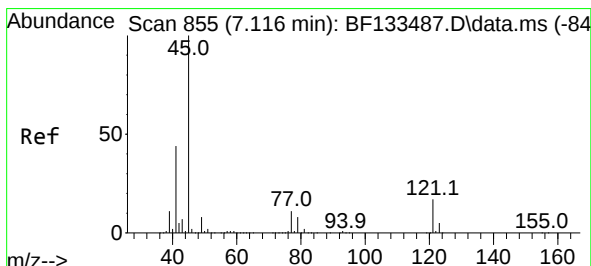
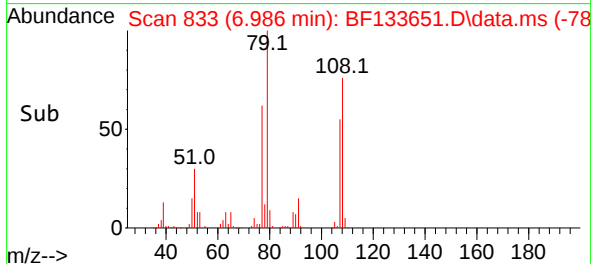
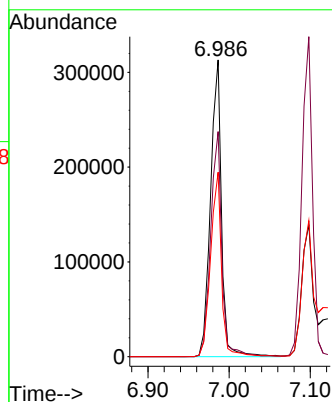


Tgt Ion: 79 Resp: 29234
Ion Ratio Lower Upper
79 100
108 75.9 63.2 94.8
77 62.2 50.3 75.5

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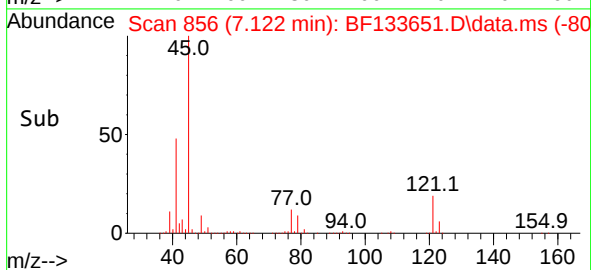
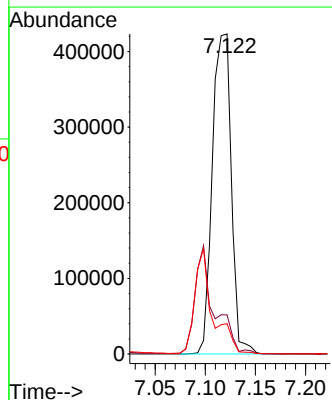
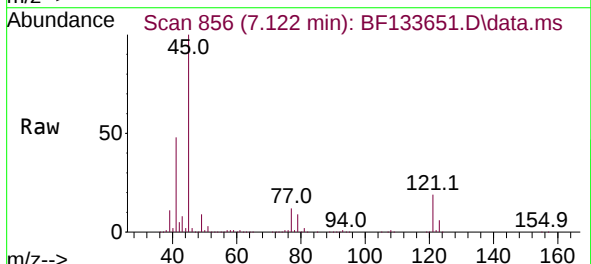
Reviewed By :Yogesh
Patel
06/09/2023

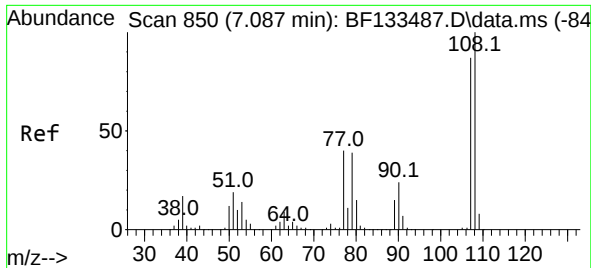
Supervised By :mohammad
ahmed
06/13/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.040 ng
RT: 7.122 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion: 45 Resp: 556312
Ion Ratio Lower Upper
45 100
77 12.2 0.0 30.8
79 9.5 0.0 28.2





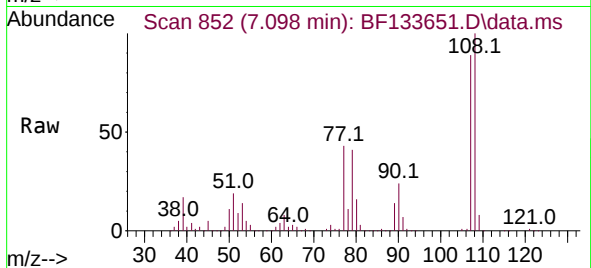
#17
2-Methylphenol
Concen: 38.225 ng
RT: 7.098 min Scan# 850
Delta R.T. 0.012 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Instrument :

BNA_F

ClientSampleId :

PB153261BS



Tgt Ion:107 Resp: 269360
Ion Ratio Lower Upper
107 100
108 112.6 92.2 138.4
77 47.9 37.1 55.7
79 46.4 36.4 54.6

Manual Integrations
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Reviewed By :Yogesh

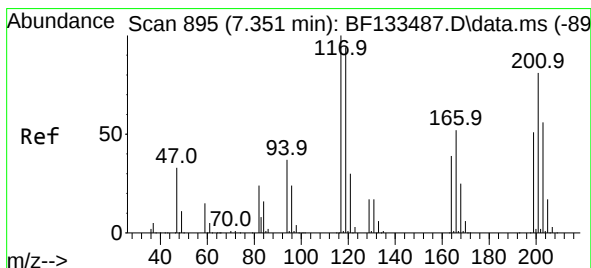
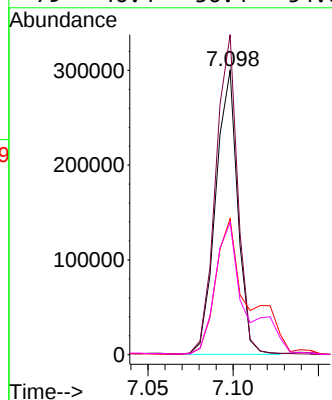
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Supervised By :mohammad

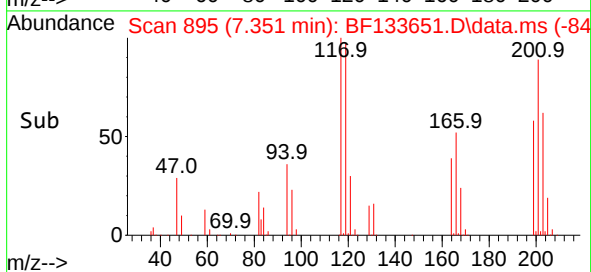
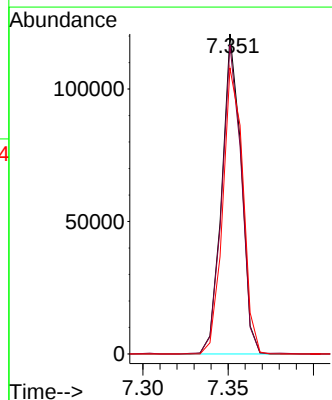
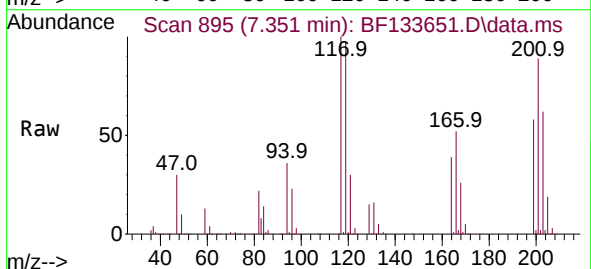
ahmed

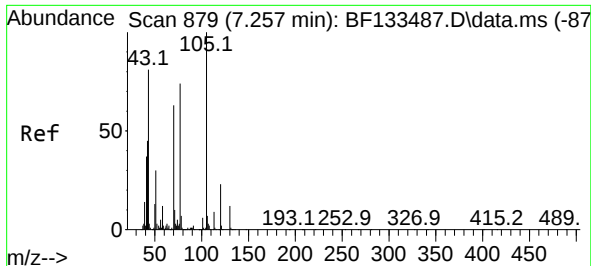
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#18
Hexachloroethane
Concen: 33.216 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

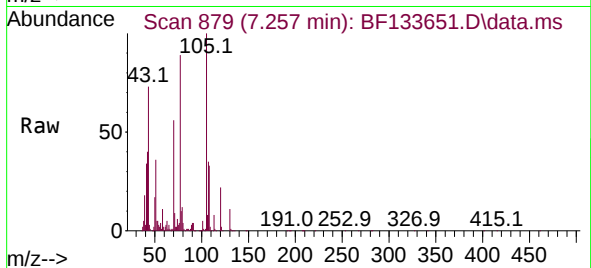
Tgt Ion:117 Resp: 95129
Ion Ratio Lower Upper
117 100
119 96.6 74.9 112.3
201 89.4 64.8 97.2





#19
n-Nitroso-di-n-propylamine
Concen: 38.139 ng
RT: 7.257 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Instrument :
BNA_F
ClientSampleId :
PB153261BS

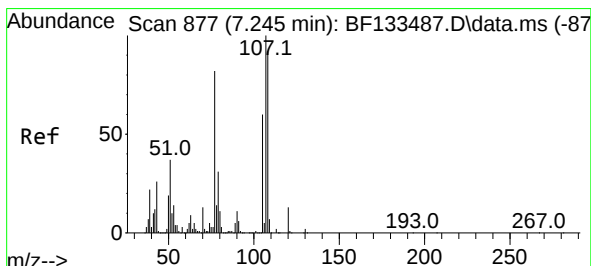
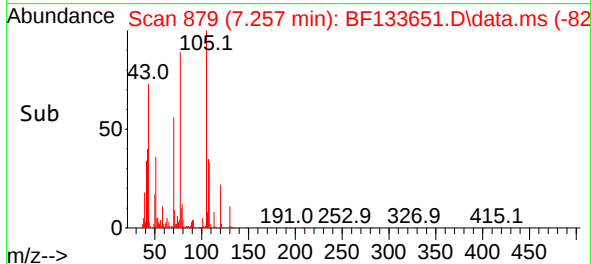
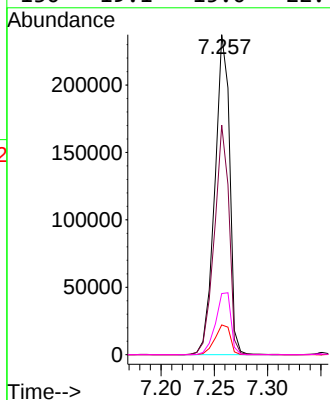


Tgt Ion: 70 Resp: 22940
Ion Ratio Lower Upper
70 100
42 71.7 57.2 85.8
101 9.3 7.3 10.9
130 19.1 15.0 22.4

Manual Integrations
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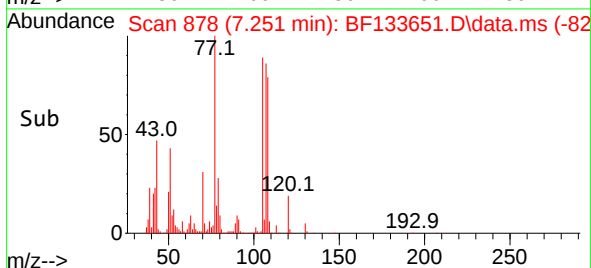
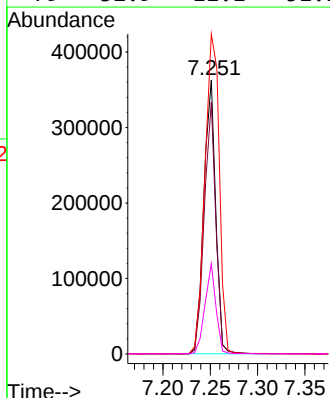
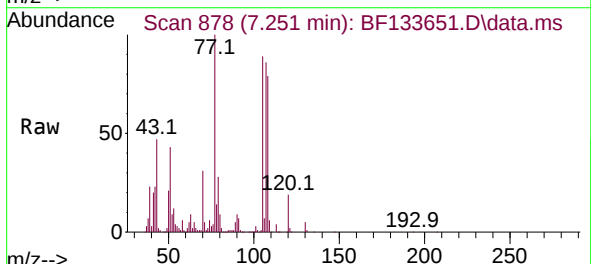
Reviewed By :Yogesh
Patel
06/09/2023

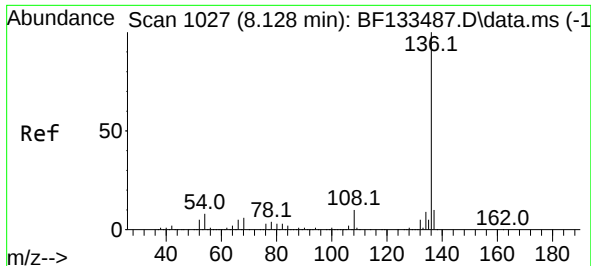
Supervised By :mohammad
ahmed
06/13/2023



#20
3+4-Methylphenols
Concen: 39.573 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion:107 Resp: 315273
Ion Ratio Lower Upper
107 100
108 91.8 72.0 112.0
77 116.8 61.9 101.9#
79 32.9 11.1 51.1





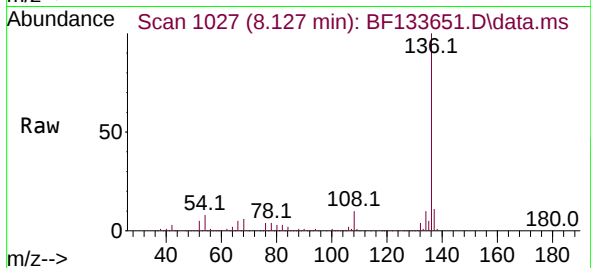
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.127 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Instrument :

BNA_F

ClientSampleId :

PB153261BS



Tgt Ion:136 Resp: 43442
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.4
54 8.4 6.6 10.0
68 5.7 4.6 7.0

Manual Integrations
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Reviewed By :Yogesh

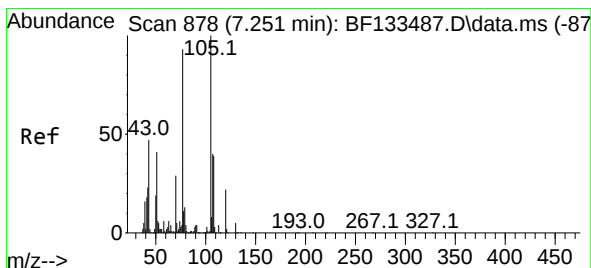
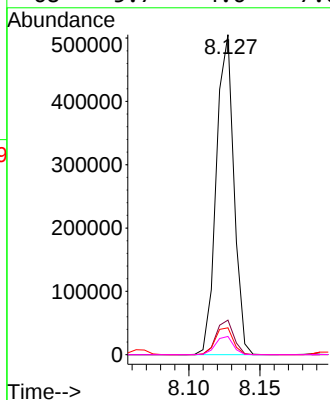
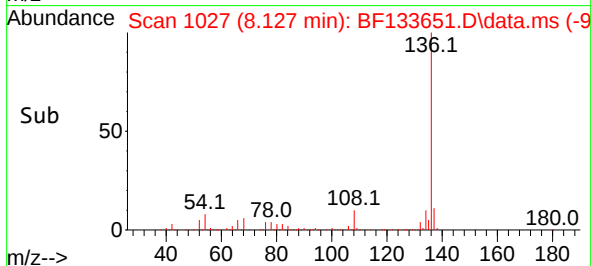
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Supervised By :mohammad

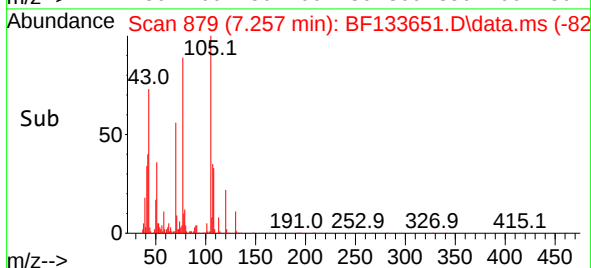
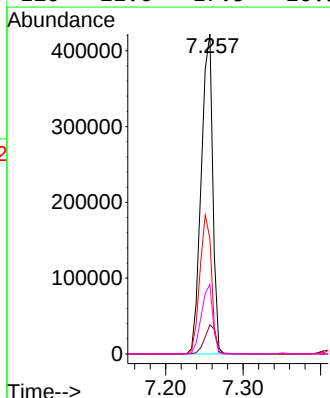
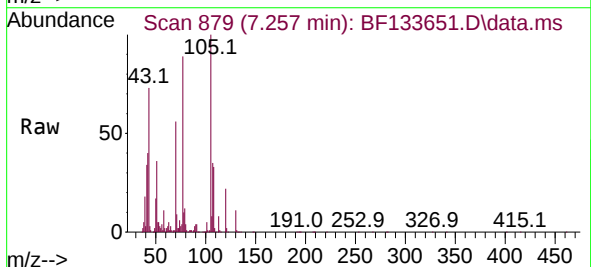
ahmed

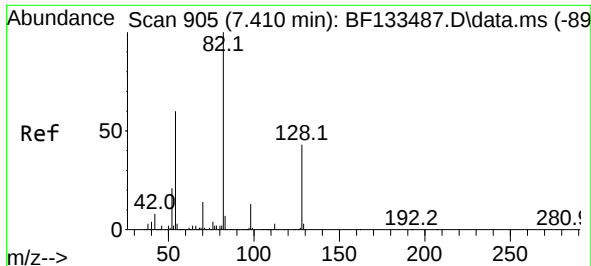
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#22
Acetophenone
Concen: 43.474 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion:105 Resp: 434924
Ion Ratio Lower Upper
105 100
71 9.1 3.8 5.8#
51 36.1 32.6 49.0
120 21.6 17.5 26.3





#23

Nitrobenzene-d5

Concen: 99.317 ng

RT: 7.410 min Scan# 905

Delta R.T. 0.006 min

Lab File: BF133651.D

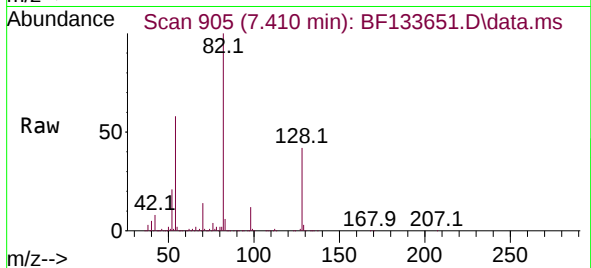
Acq: 08 Jun 2023 20:20

Instrument :

BNA_F

ClientSampleId :

PB153261BS



Tgt Ion: 82 Resp: 646194

Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.2	51.4
54	58.4	48.2	72.4

Manual Integrations

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Reviewed By :Yogesh

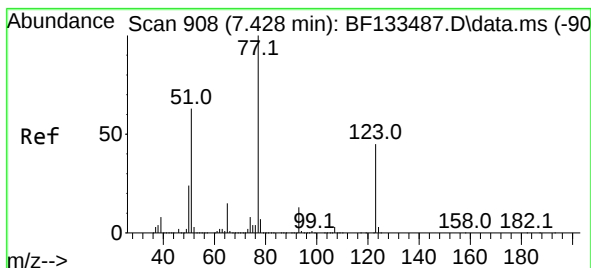
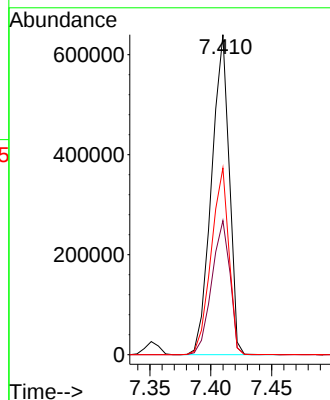
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Supervised By :mohammad

ahmed

06/13/2023



#24

Nitrobenzene

Concen: 49.176 ng

RT: 7.428 min Scan# 908

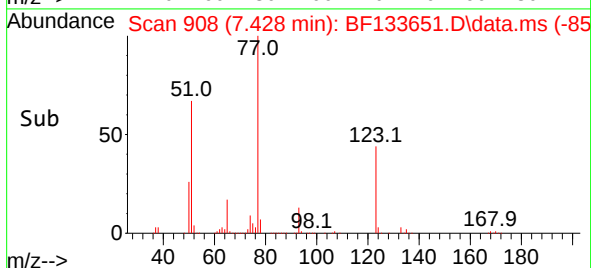
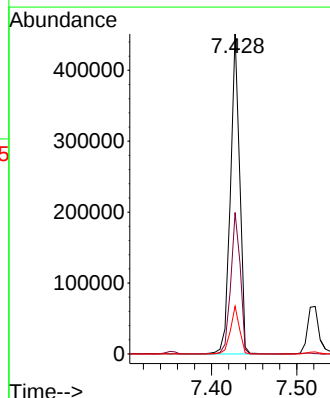
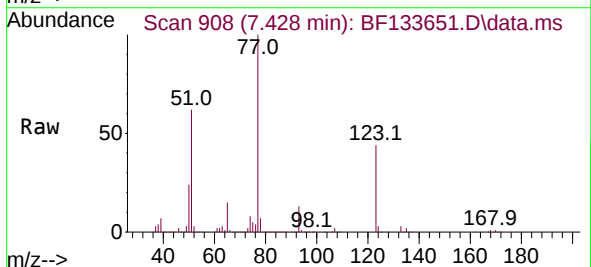
Delta R.T. 0.006 min

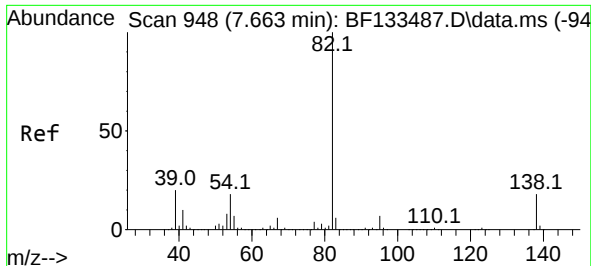
Lab File: BF133651.D

Acq: 08 Jun 2023 20:20

Tgt Ion: 77 Resp: 340920

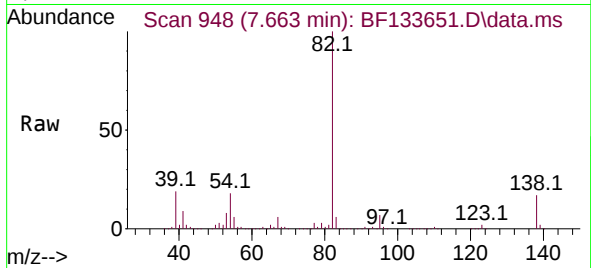
Ion	Ratio	Lower	Upper
77	100		
123	44.2	35.8	53.8
65	14.9	11.8	17.8





#25
Isophorone
Concen: 41.423 ng
RT: 7.663 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Instrument :
BNA_F
ClientSampleId :
PB153261BS

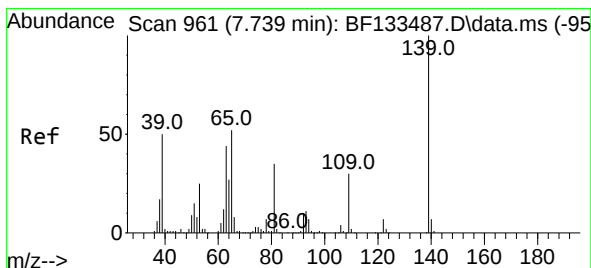
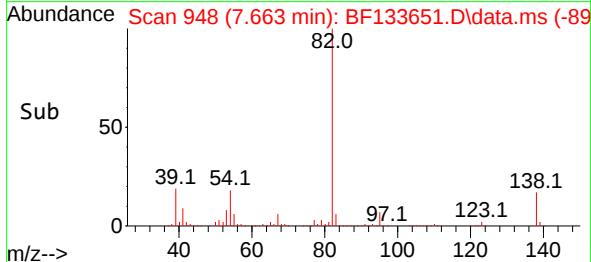
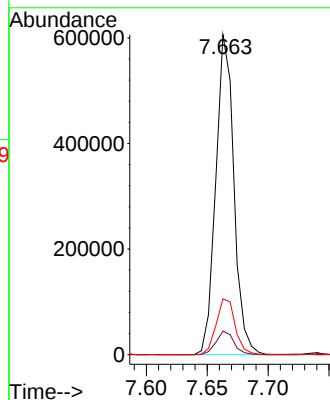


Tgt Ion: 82 Resp: 628120
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 17.4 14.2 21.4

Manual Integrations
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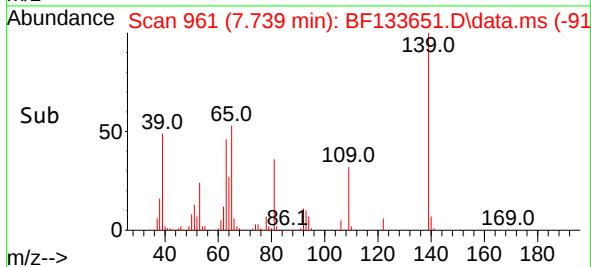
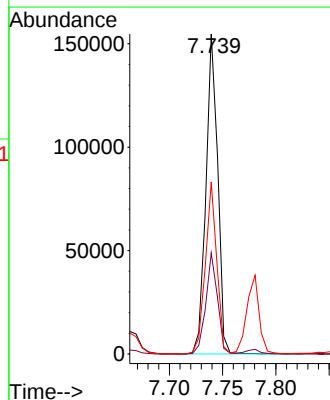
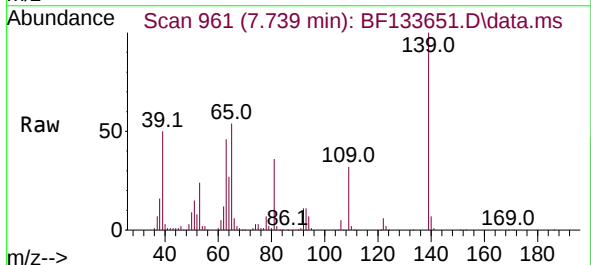
Reviewed By :Yogesh
Patel
06/09/2023

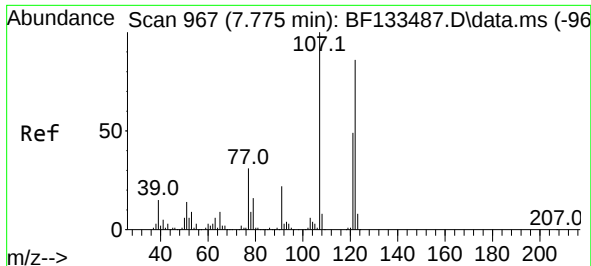
Supervised By :mohammad
ahmed
06/13/2023



#26
2-Nitrophenol
Concen: 38.600 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion:139 Resp: 119349
Ion Ratio Lower Upper
139 100
109 31.6 24.0 36.0
65 53.8 41.7 62.5





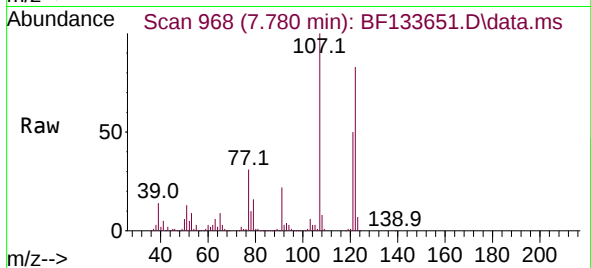
#27
2,4-Dimethylphenol
Concen: 42.794 ng
RT: 7.780 min Scan# 967
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Instrument :

BNA_F

ClientSampleId :

PB153261BS



Tgt Ion:122 Resp: 276100
Ion Ratio Lower Upper
122 100
107 119.8 93.4 140.0
121 59.7 45.6 68.4

Manual Integrations
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Reviewed By :Yogesh

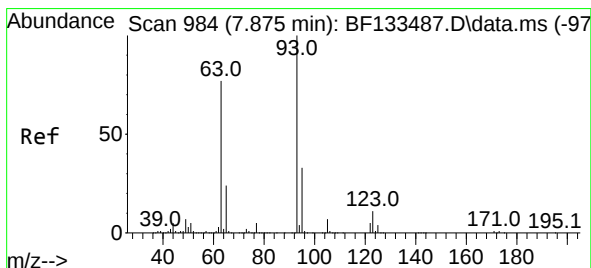
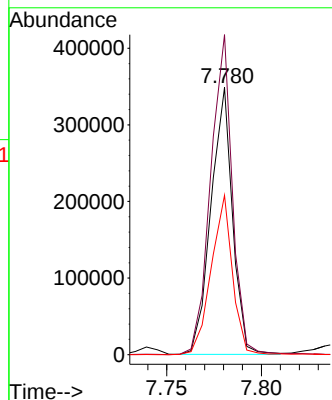
Patel

06/09/2023

Supervised By :mohammad

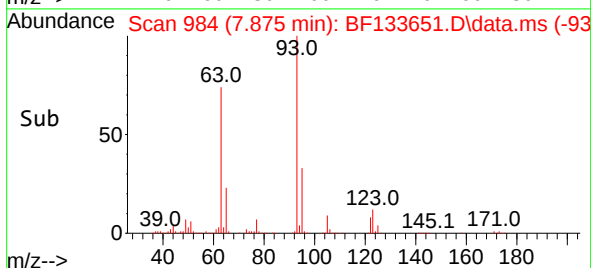
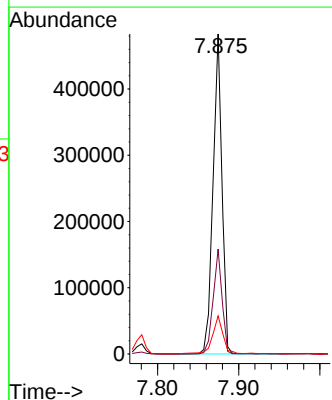
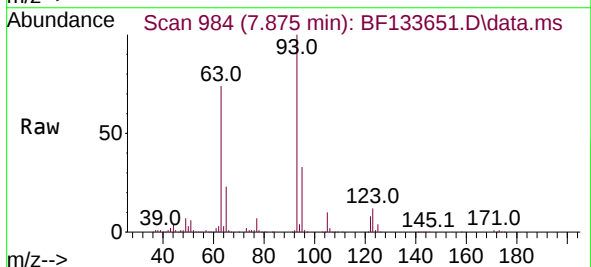
ahmed

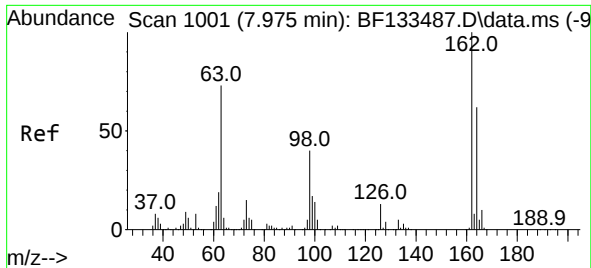
06/13/2023



#28
bis(2-Chloroethoxy)methane
Concen: 41.990 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion: 93 Resp: 369217
Ion Ratio Lower Upper
93 100
95 32.8 26.8 40.2
123 11.9 9.4 14.0





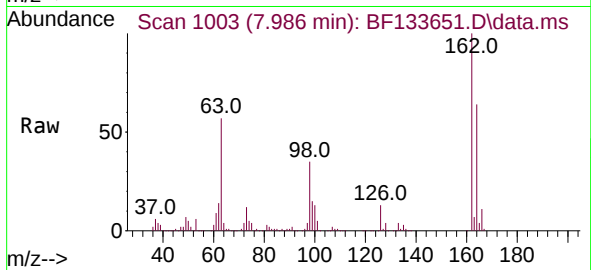
#29
2,4-Dichlorophenol
Concen: 43.618 ng
RT: 7.986 min Scan# 1003
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Instrument :

BNA_F

ClientSampleId :

PB153261BS



Tgt Ion:162 Resp: 253190
Ion Ratio Lower Upper
162 100
164 63.9 42.2 82.2
98 34.8 19.7 59.7

Manual Integrations
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Reviewed By :Yogesh

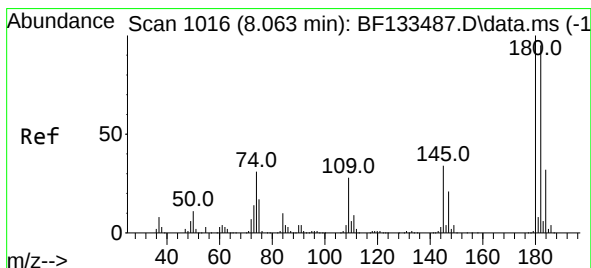
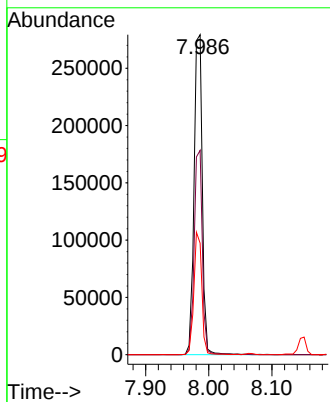
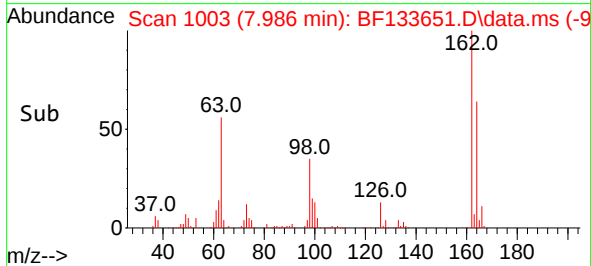
Patel

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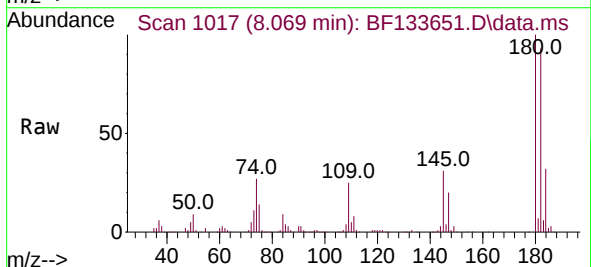
Supervised By :mohammad

ahmed

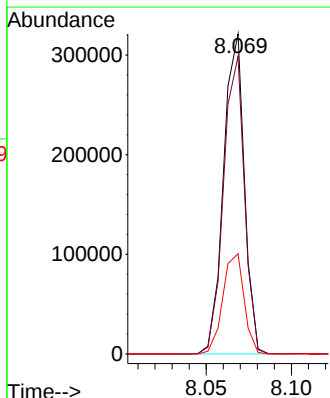
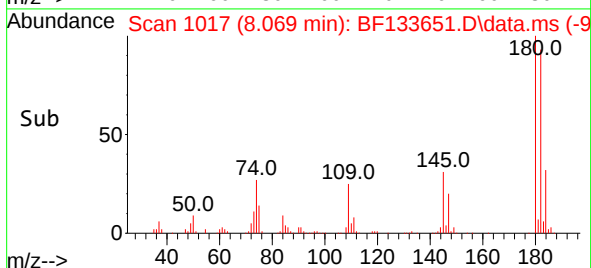
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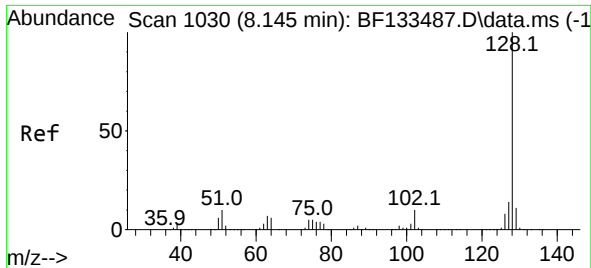


#30
1,2,4-Trichlorobenzene
Concen: 43.447 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20



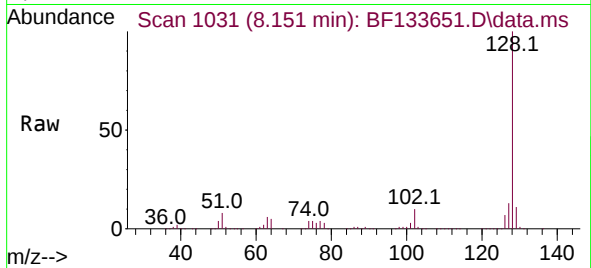
Tgt Ion:180 Resp: 272787
Ion Ratio Lower Upper
180 100
182 93.0 76.1 114.1
145 31.3 27.0 40.4





#31
Naphthalene
Concen: 40.751 ng
RT: 8.151 min Scan# 1030
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Instrument :
BNA_F
ClientSampleId :
PB153261BS

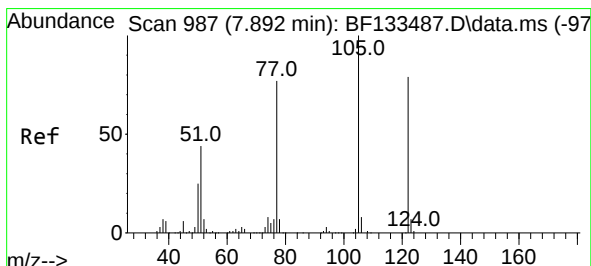
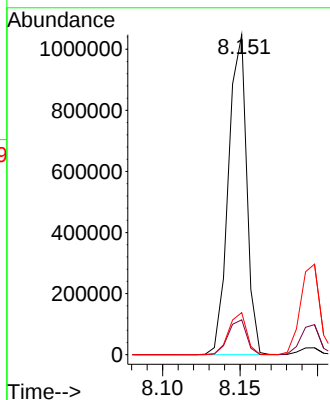
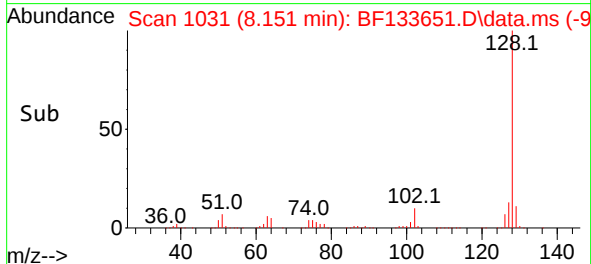


Tgt Ion:128 Resp: 858268
Ion Ratio Lower Upper
128 100
129 10.9 9.2 13.8
127 13.2 10.9 16.3

Manual Integrations
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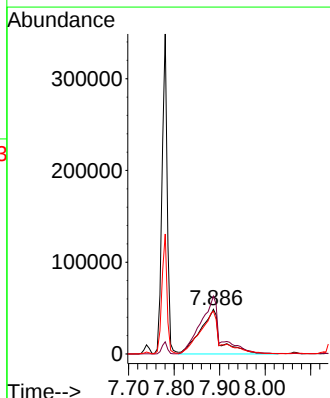
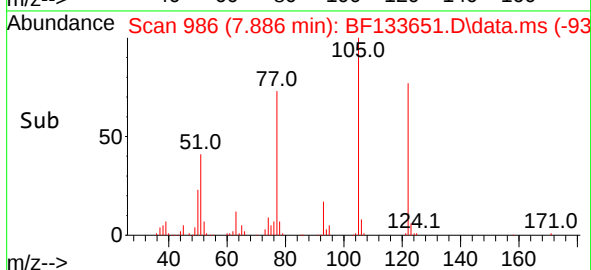
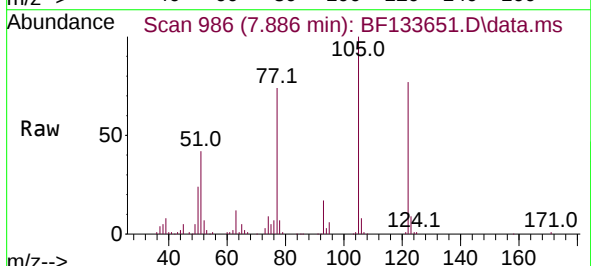
Reviewed By :Yogesh
Patel
06/09/2023

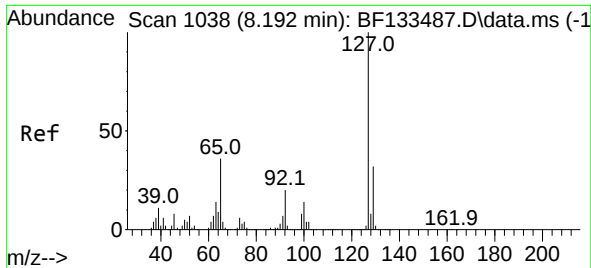
Supervised By :mohammad
ahmed
06/13/2023



#32
Benzoic acid
Concen: 38.285 ng m
RT: 7.886 min Scan# 986
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion:122 Resp: 155243
Ion Ratio Lower Upper
122 100
105 129.5 103.3 143.3
77 96.0 75.7 115.7





#33
4-Chloroaniline
Concen: 29.413 ng
RT: 8.198 min Scan# 1038
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Instrument :

BNA_F

ClientSampleId :

PB153261BS

Tgt Ion:127 Resp: 265502
Ion Ratio Lower Upper
127 100
129 33.2 25.9 38.9
65 32.1 29.0 43.6
92 19.7 16.3 24.5

Manual Integrations
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Reviewed By :Yogesh

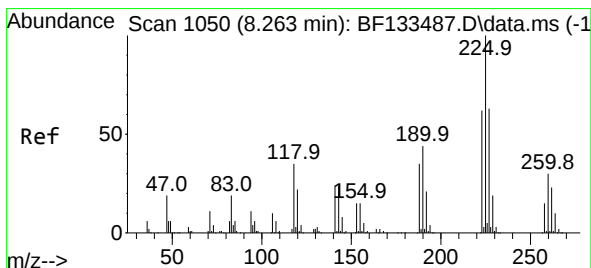
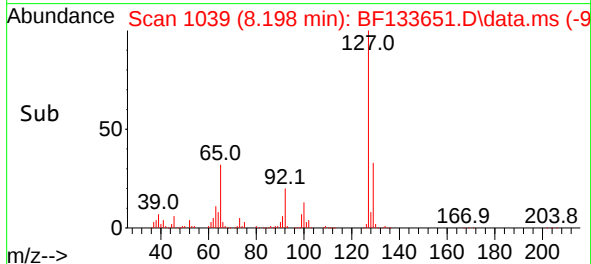
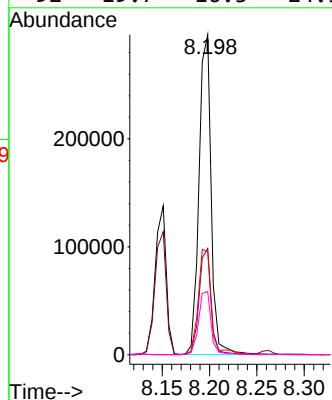
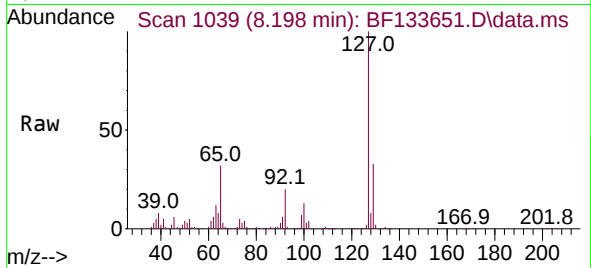
Patel

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Supervised By :mohammad

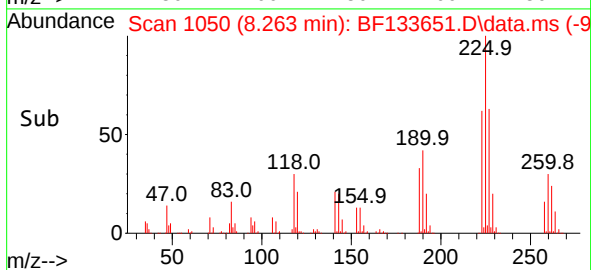
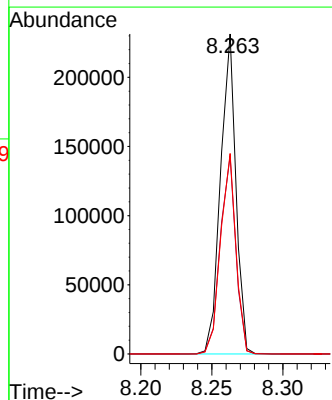
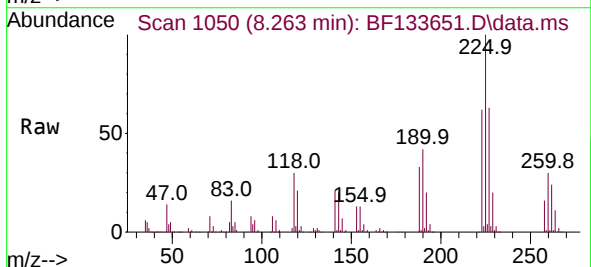
ahmed

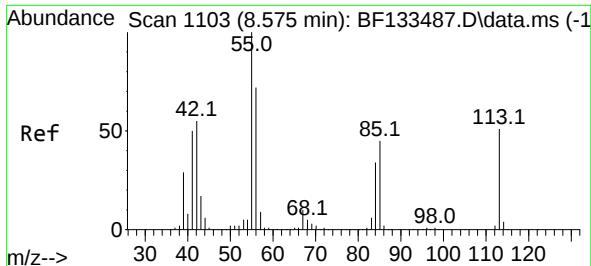
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#34
Hexachlorobutadiene
Concen: 45.432 ng
RT: 8.263 min Scan# 1050
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

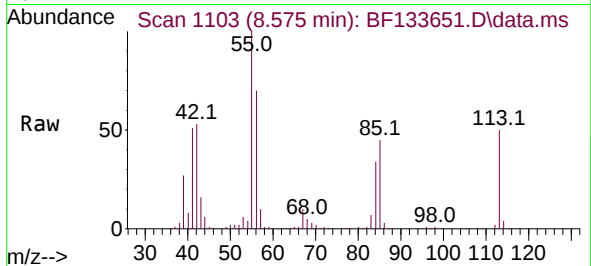
Tgt Ion:225 Resp: 173513
Ion Ratio Lower Upper
225 100
223 61.9 49.8 74.8
227 62.7 50.2 75.4





#35
Caprolactam
Concen: 43.259 ng m
RT: 8.575 min Scan# 1103
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Instrument :
BNA_F
ClientSampleId :
PB153261BS

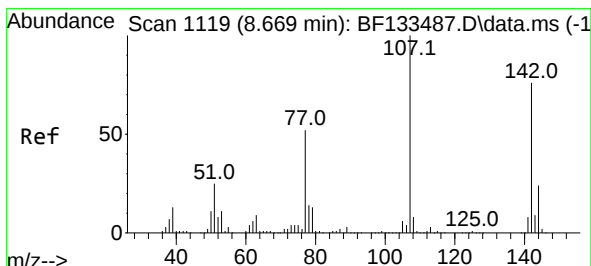
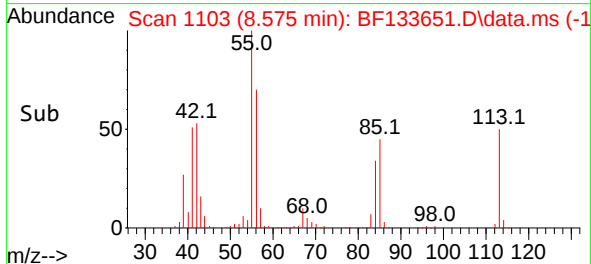
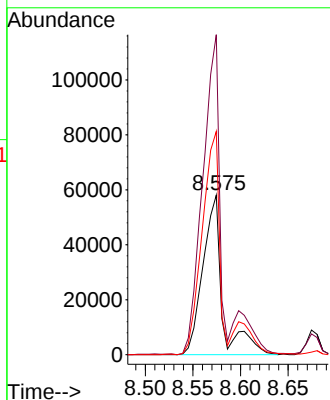


Tgt Ion:113 Resp: 82352
Ion Ratio Lower Upper
113 100
55 200.6 177.5 217.5
56 140.0 122.3 162.3

Manual Integrations
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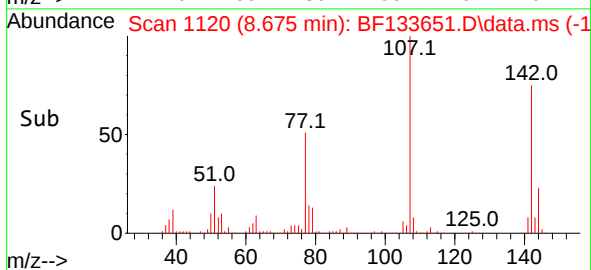
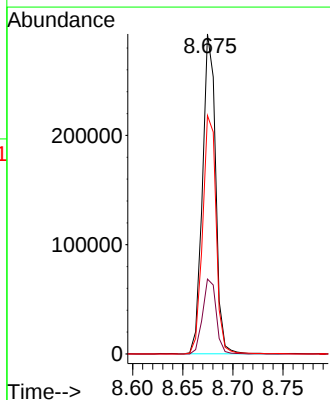
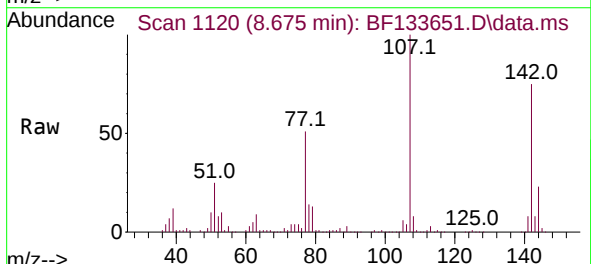
Reviewed By :Yogesh
Patel
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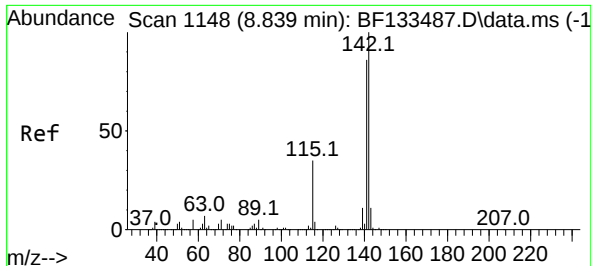
Supervised By :mohammad
ahmed
06/13/2023



#36
4-Chloro-3-methylphenol
Concen: 41.245 ng
RT: 8.675 min Scan# 1120
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion:107 Resp: 268188
Ion Ratio Lower Upper
107 100
144 23.4 19.4 29.0
142 74.5 60.5 90.7





#37
2-Methylnaphthalene
Concen: 37.824 ng
RT: 8.839 min Scan# 1148
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Instrument :

BNA_F

ClientSampleId :

PB153261BS

Tgt Ion:142 Resp: 543900
Ion Ratio Lower Upper
142 100
141 88.4 69.2 103.8

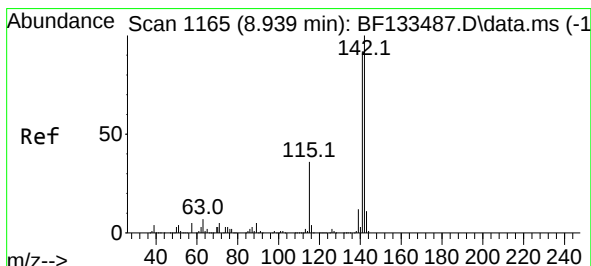
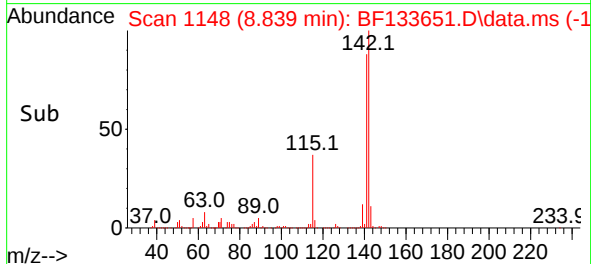
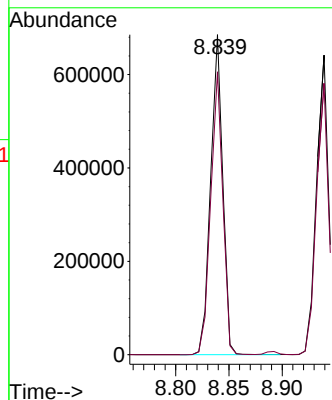
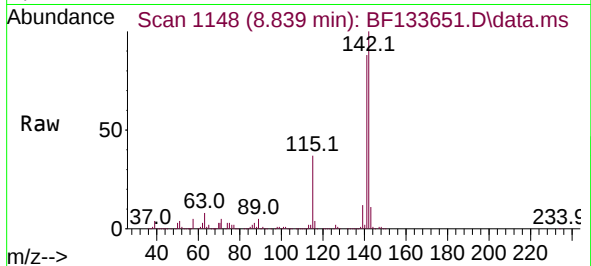
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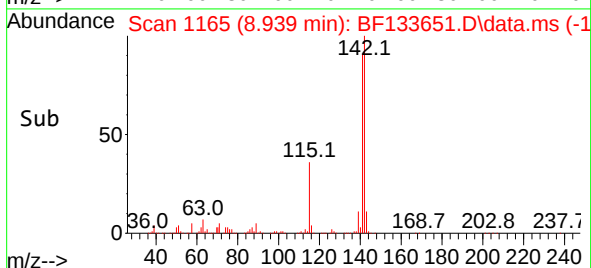
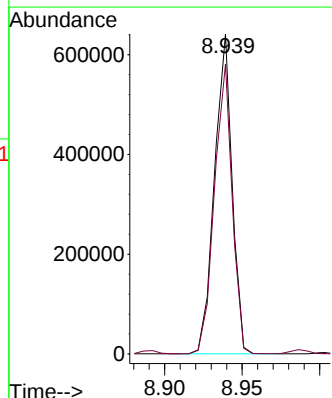
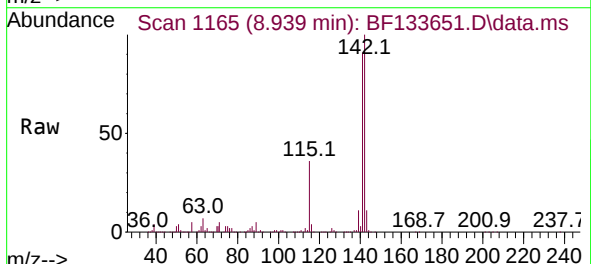
Supervised By :mohammad
ahmed

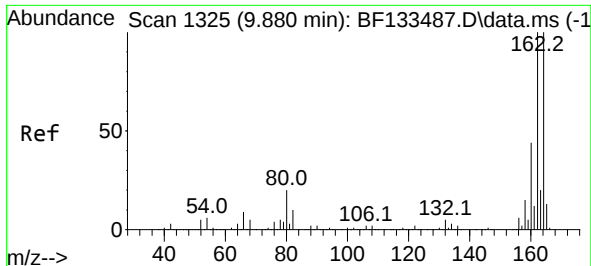
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#38
1-Methylnaphthalene
Concen: 37.836 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion:142 Resp: 507173
Ion Ratio Lower Upper
142 100
141 90.6 73.6 110.4





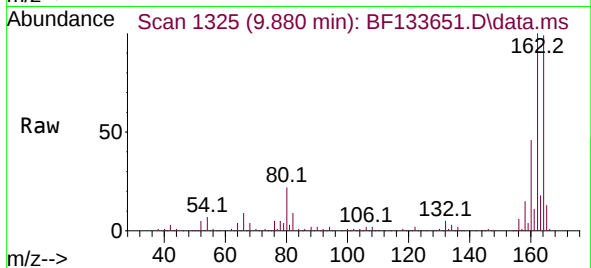
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 11325
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Instrument :

BNA_F

ClientSampleId :

PB153261BS



Tgt Ion:164 Resp: 18780
Ion Ratio Lower Upper
164 100
162 100.6 79.7 119.5
160 45.8 35.4 53.0

Manual Integrations
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Reviewed By :Yogesh

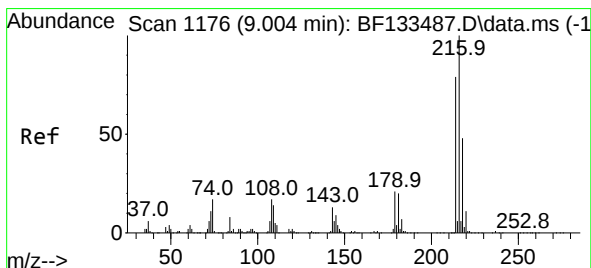
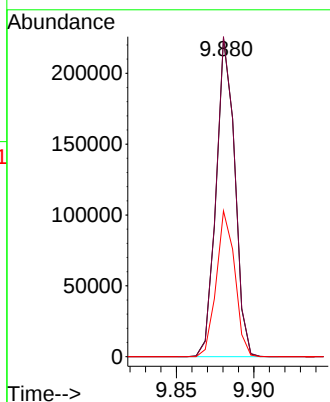
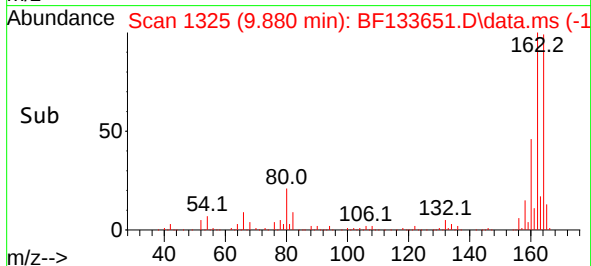
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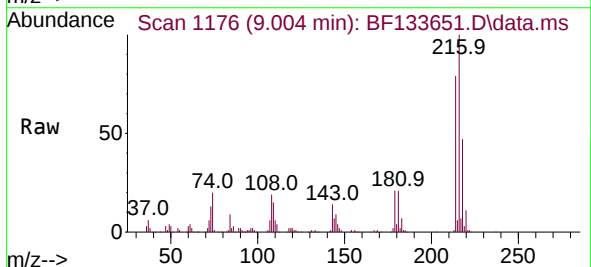
Supervised By :mohammad

ahmed

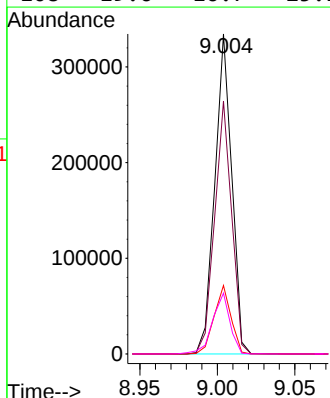
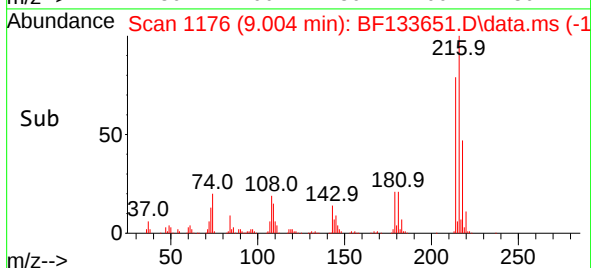
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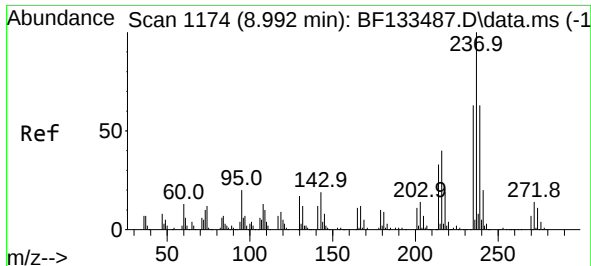


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.710 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20



Tgt Ion:216 Resp: 254438
Ion Ratio Lower Upper
216 100
214 79.2 63.2 94.8
179 21.3 17.3 25.9
108 19.6 16.7 25.1





#41
Hexachlorocyclopentadiene
Concen: 19.085 ng
RT: 8.986 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Instrument :

BNA_F

ClientSampleId :

PB153261BS

Tgt Ion:237 Resp: 54440
Ion Ratio Lower Upper
237 100
235 63.4 43.0 83.0
272 13.8 0.0 33.5

Manual Integrations
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Reviewed By :Yogesh

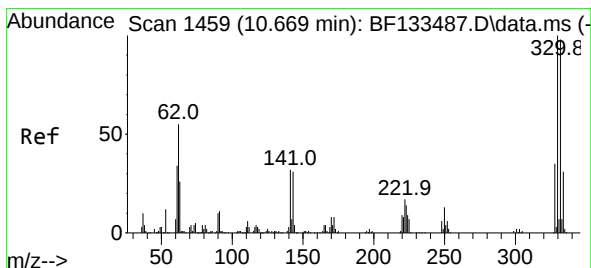
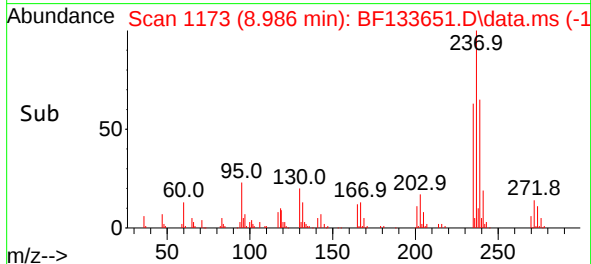
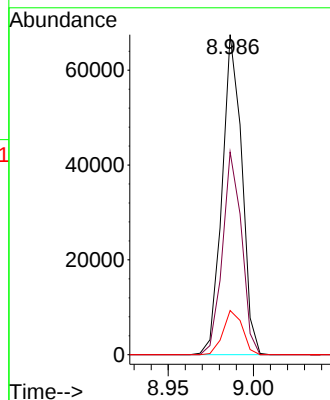
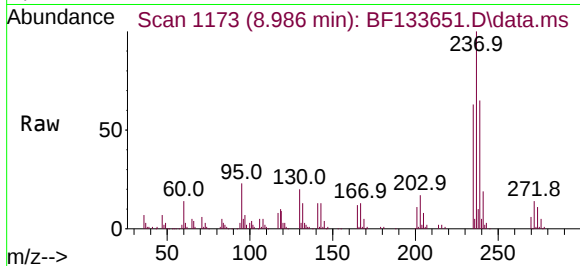
Patel

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Supervised By :mohammad

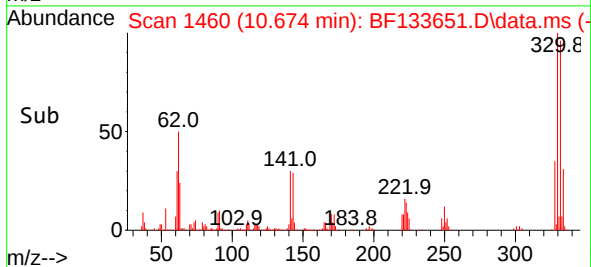
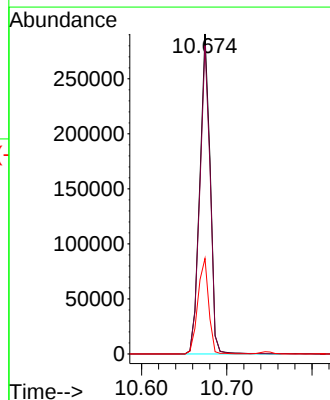
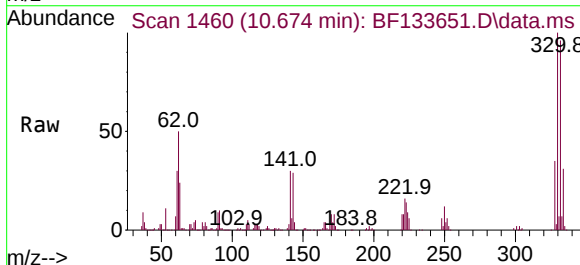
ahmed

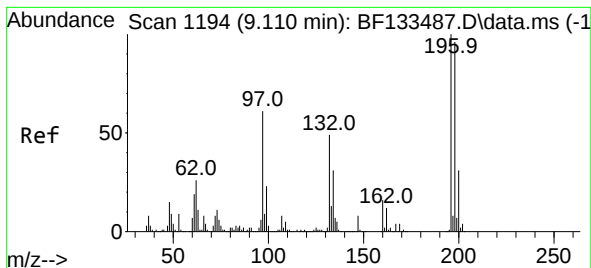
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#42
2,4,6-Tribromophenol
Concen: 131.508 ng
RT: 10.674 min Scan# 1460
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion:330 Resp: 246193
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.6
141 31.0 26.6 40.0





#43

2,4,6-Trichlorophenol

Concen: 45.930 ng

RT: 9.116 min Scan# 1194

Delta R.T. 0.006 min

Lab File: BF133651.D

Acq: 08 Jun 2023 20:20

Instrument :

BNA_F

ClientSampleId :

PB153261BS

Tgt Ion:196 Resp: 16359

Ion Ratio Lower Upper

196 100

198 98.1 76.6 115.0

200 30.7 24.6 37.0

Manual Integrations

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Reviewed By :Yogesh

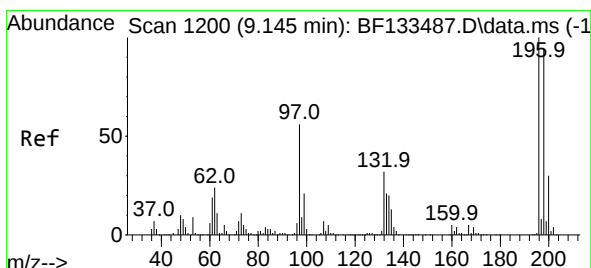
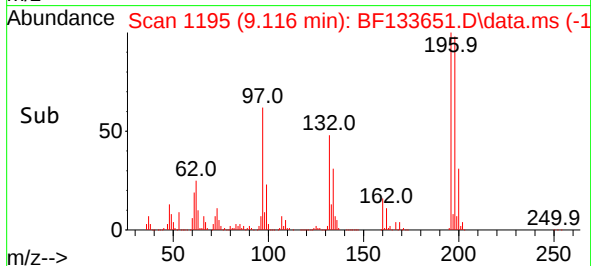
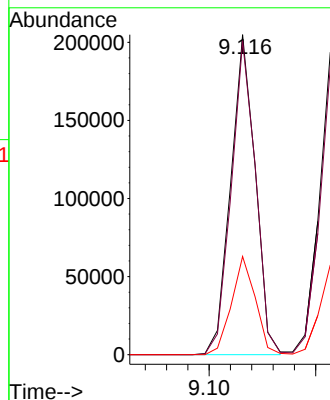
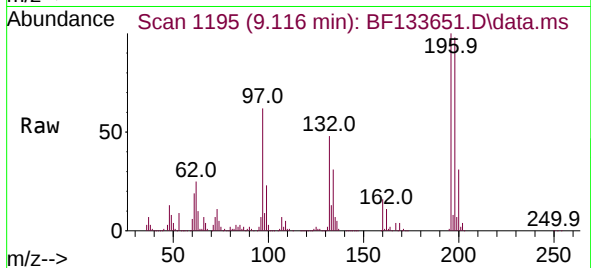
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Supervised By :mohammad

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06/13/2023



#44

2,4,5-Trichlorophenol

Concen: 41.495 ng

RT: 9.157 min Scan# 1202

Delta R.T. 0.006 min

Lab File: BF133651.D

Acq: 08 Jun 2023 20:20

Tgt Ion:196 Resp: 171546

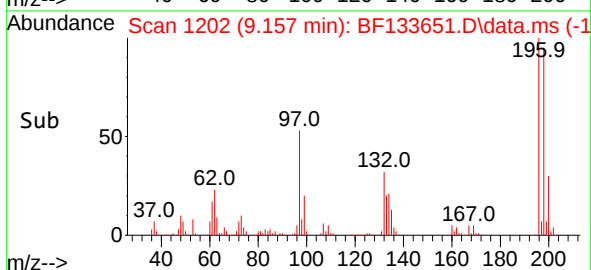
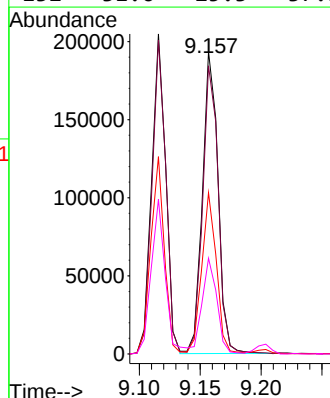
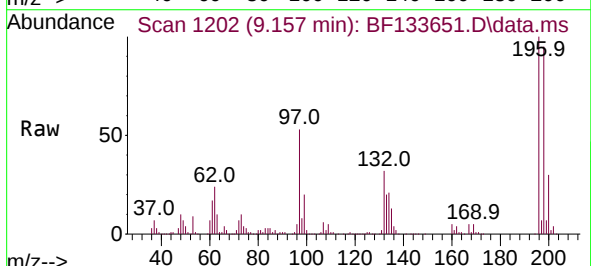
Ion Ratio Lower Upper

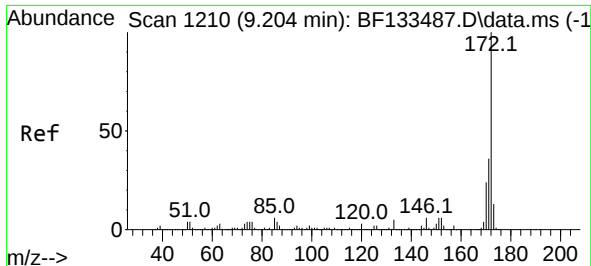
196 100

198 95.2 75.3 112.9

97 53.3 44.9 67.3

132 31.6 25.3 37.9





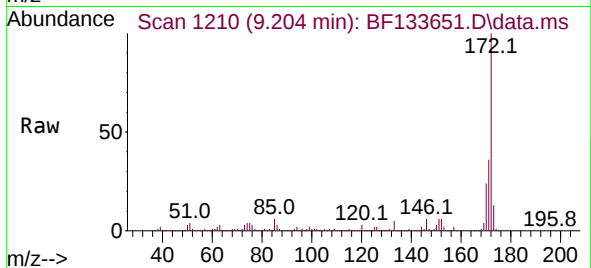
#45
2-Fluorobiphenyl
Concen: 88.624 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Instrument :

BNA_F

ClientSampleId :

PB153261BS



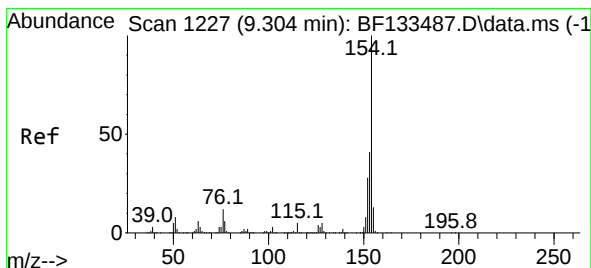
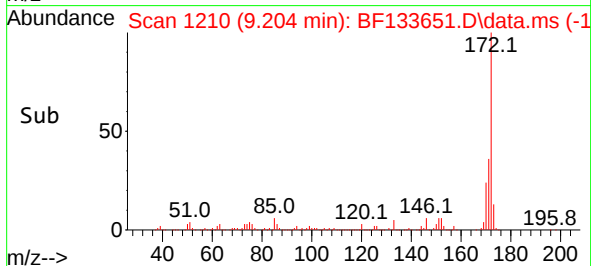
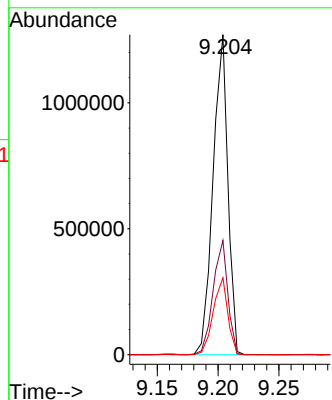
Tgt Ion:172 Resp: 1078372
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 24.0 19.3 28.9

Manual Integrations
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Reviewed By :Yogesh
Patel

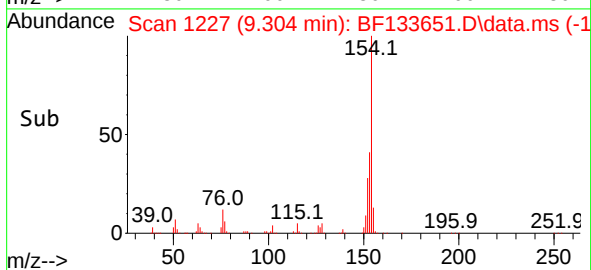
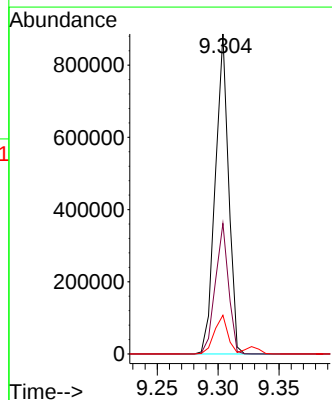
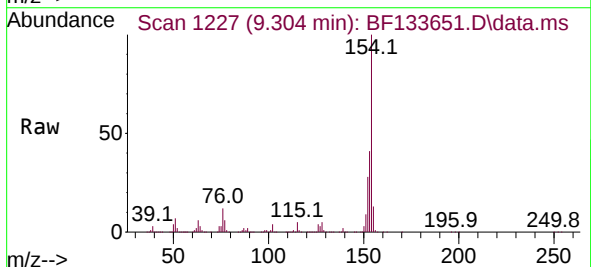
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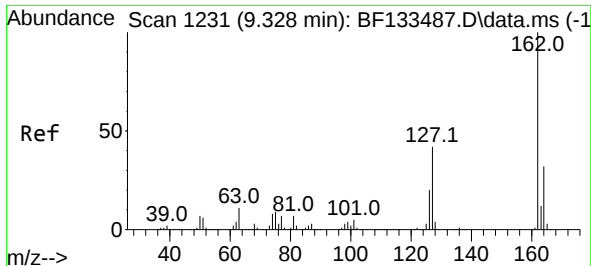
Supervised By :mohammad
ahmed
06/13/2023



#46
1,1'-Biphenyl
Concen: 43.999 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion:154 Resp: 671357
Ion Ratio Lower Upper
154 100
153 40.8 21.0 61.0
76 12.1 0.0 32.5





#47

2-Chloronaphthalene

Concen: 43.549 ng

RT: 9.327 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF133651.D

Acq: 08 Jun 2023 20:20

Instrument :

BNA_F

ClientSampleId :

PB153261BS

Tgt Ion:162 Resp: 48157
 Ion Ratio Lower Upper
 162 100
 127 43.4 33.2 49.8
 164 32.6 26.0 39.0

Manual Integrations
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Reviewed By :Yogesh

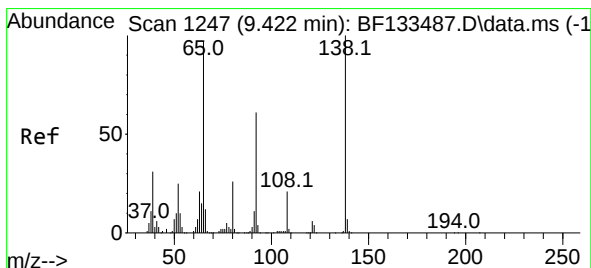
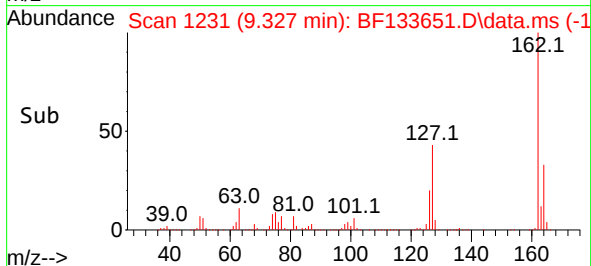
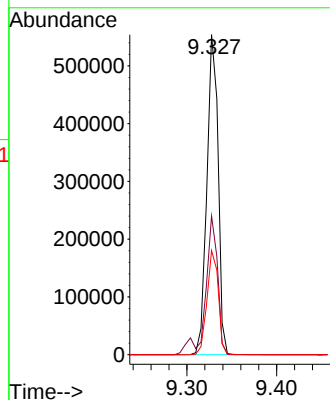
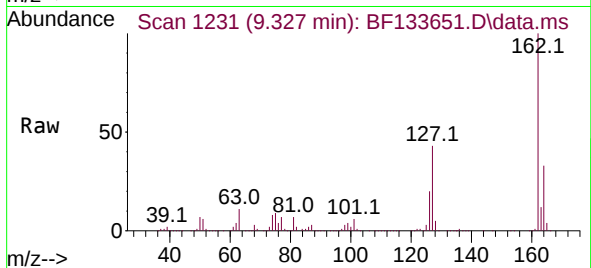
Patel

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Supervised By :mohammad

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#48

2-Nitroaniline

Concen: 52.311 ng

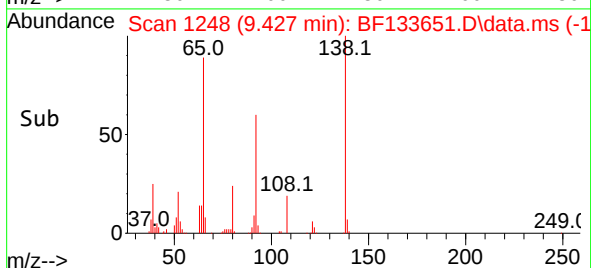
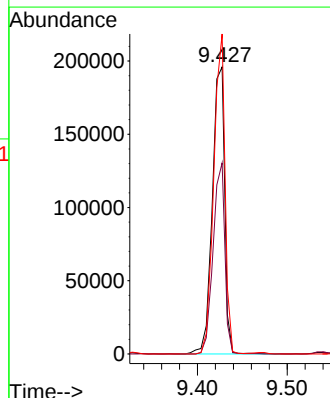
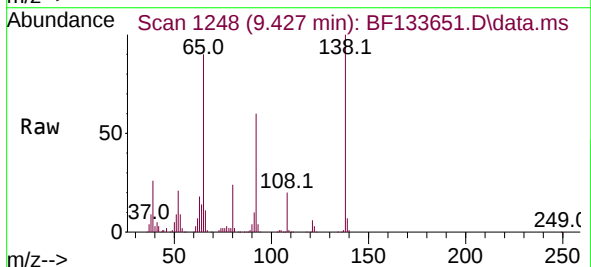
RT: 9.427 min Scan# 1248

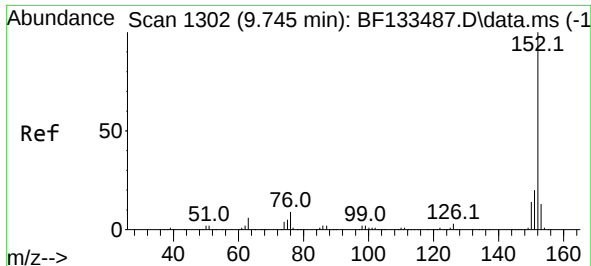
Delta R.T. 0.006 min

Lab File: BF133651.D

Acq: 08 Jun 2023 20:20

Tgt Ion: 65 Resp: 187111
 Ion Ratio Lower Upper
 65 100
 92 66.6 50.8 76.2
 138 111.5 82.6 124.0





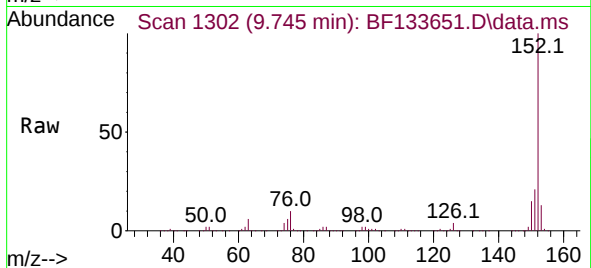
#49
Acenaphthylene
Concen: 40.769 ng
RT: 9.745 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Instrument :

BNA_F

ClientSampleId :

PB153261BS



Tgt Ion:152 Resp: 76936
Ion Ratio Lower Upper
152 100
151 20.5 16.0 24.0
153 13.4 10.4 15.6

Manual Integrations
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Reviewed By :Yogesh

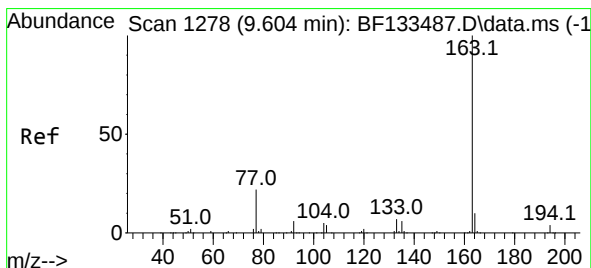
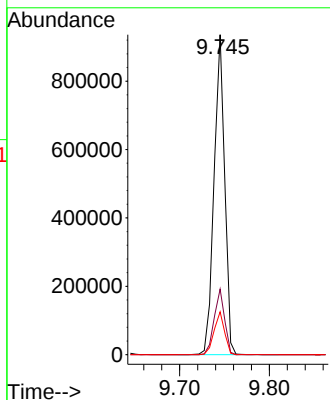
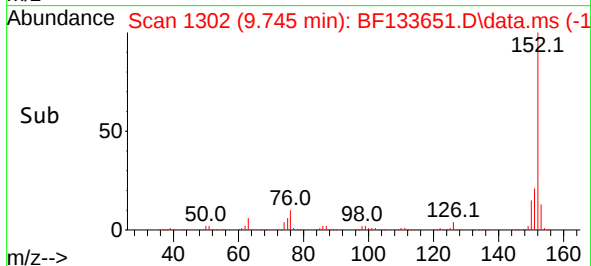
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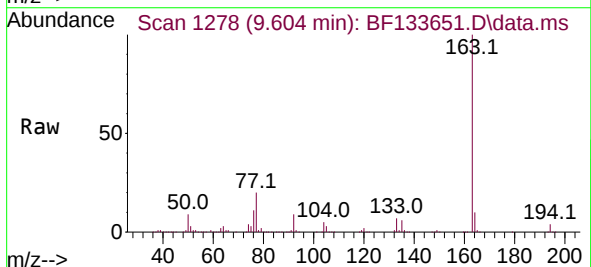
Supervised By :mohammad

ahmed

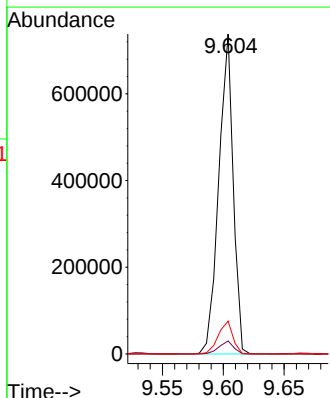
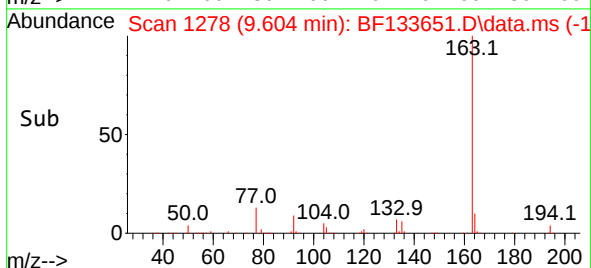
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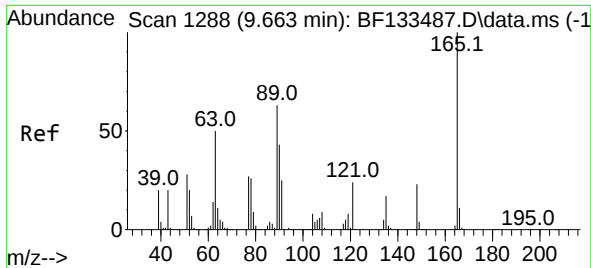


#50
Dimethylphthalate
Concen: 46.191 ng
RT: 9.604 min Scan# 1278
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20



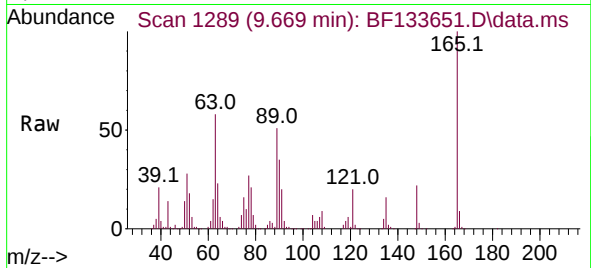
Tgt Ion:163 Resp: 609703
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 42.675 ng
RT: 9.669 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Instrument :
BNA_F
ClientSampleId :
PB153261BS

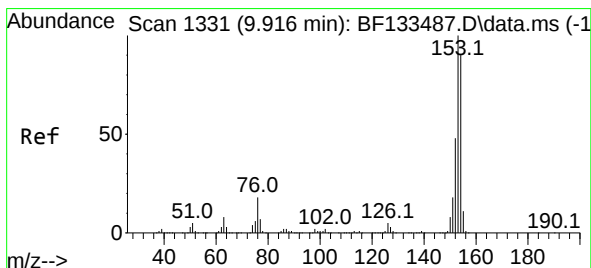
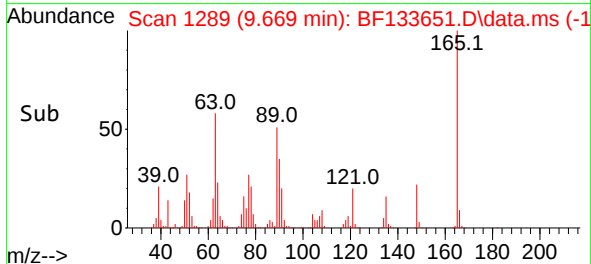
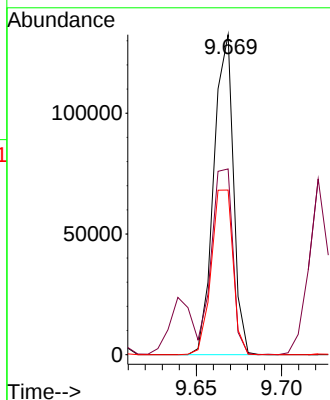


Tgt Ion:165 Resp: 10599
Ion Ratio Lower Upper
165 100
63 58.1 57.0 85.4
89 51.4 50.8 76.2

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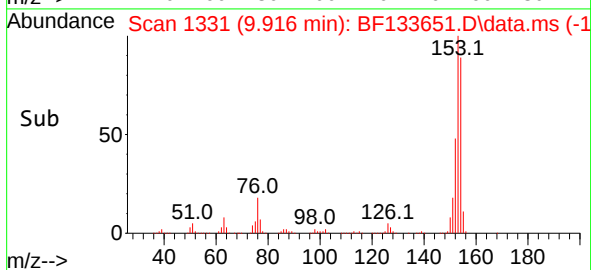
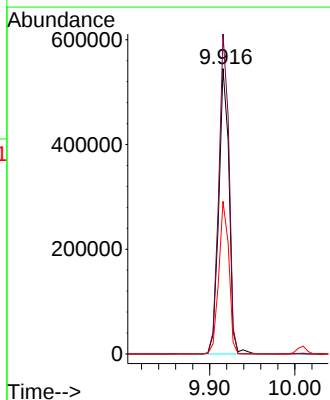
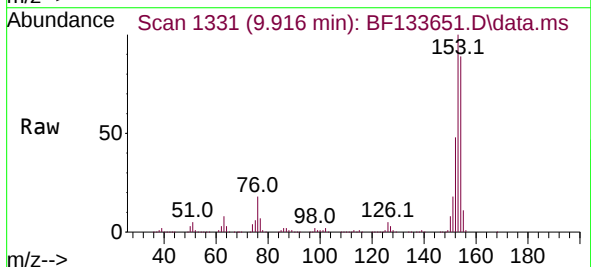
Reviewed By :Yogesh
Patel
06/09/2023

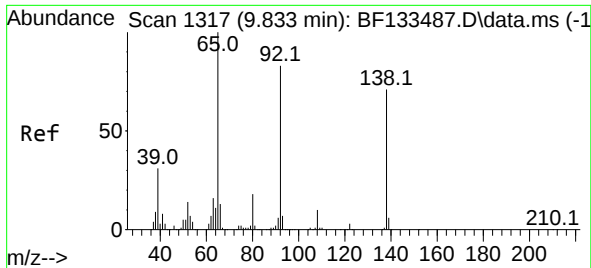
Supervised By :mohammad
ahmed
06/13/2023



#52
Acenaphthene
Concen: 39.985 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion:154 Resp: 457084
Ion Ratio Lower Upper
154 100
153 112.1 89.2 133.8
152 53.5 43.1 64.7





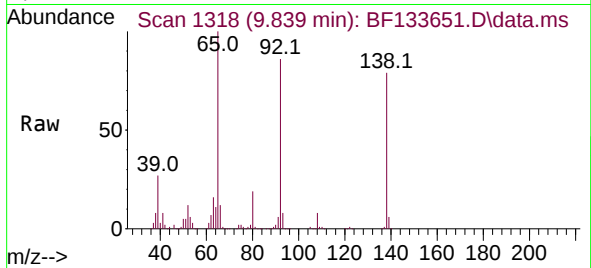
#53
3-Nitroaniline
Concen: 51.545 ng
RT: 9.839 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Instrument :

BNA_F

ClientSampleId :

PB153261BS



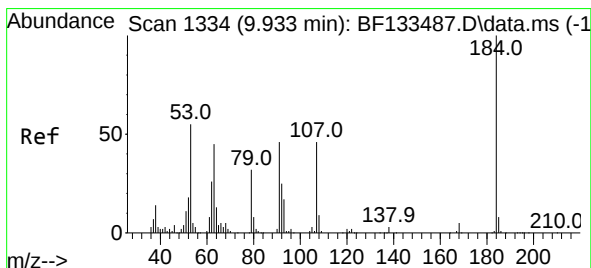
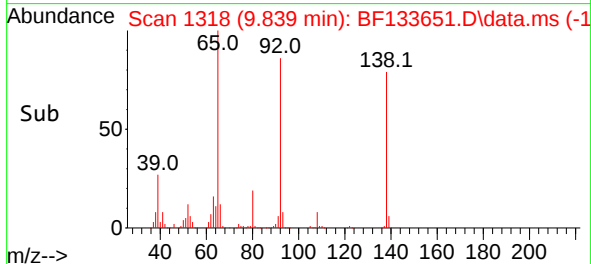
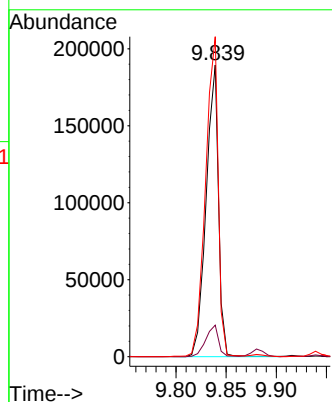
Tgt Ion:138 Resp: 16296
Ion Ratio Lower Upper
138 100
108 10.8 11.9 17.9
92 109.7 93.1 139.7

Manual Integrations
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Reviewed By :Yogesh
Patel

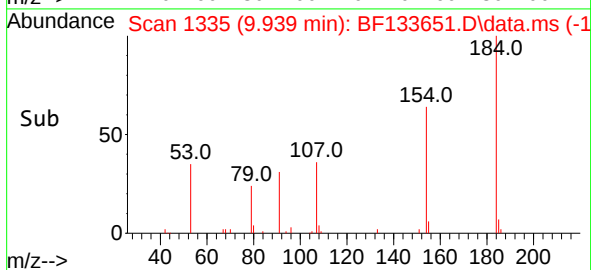
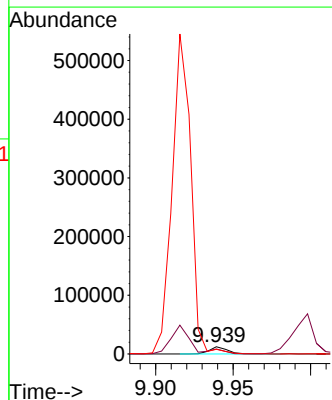
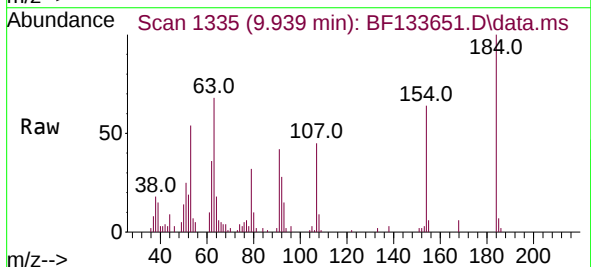
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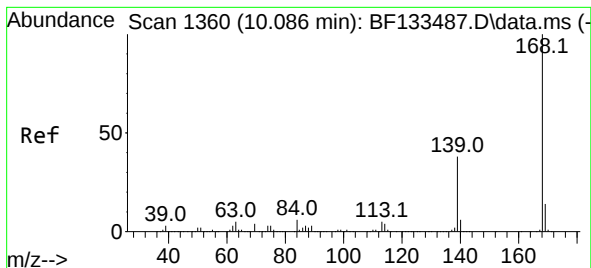
Supervised By :mohammad
ahmed
06/13/2023



#54
2,4-Dinitrophenol
Concen: 16.449 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion:184 Resp: 9932
Ion Ratio Lower Upper
184 100
63 68.3 55.7 83.5
154 63.9 49.3 73.9





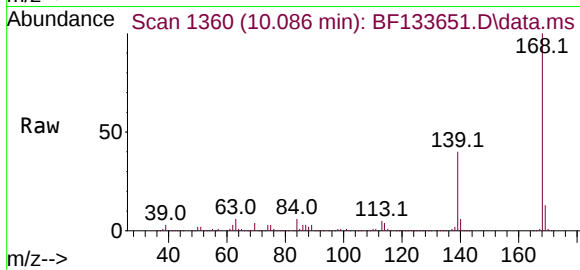
#55
Dibenzenofuran
Concen: 40.255 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Instrument :

BNA_F

ClientSampleId :

PB153261BS



Tgt Ion:168 Resp: 68461
Ion Ratio Lower Upper
168 100
139 40.1 30.6 46.0
169 13.5 10.9 16.3

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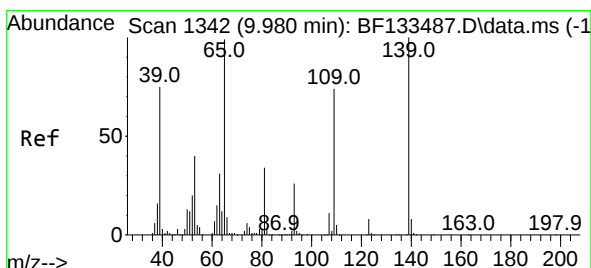
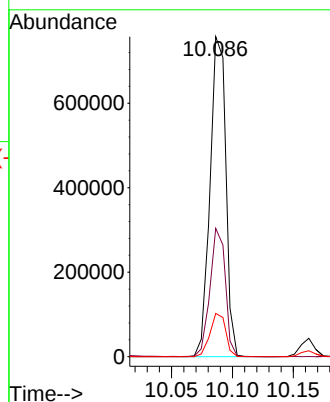
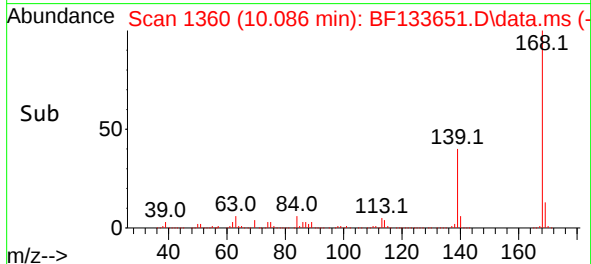
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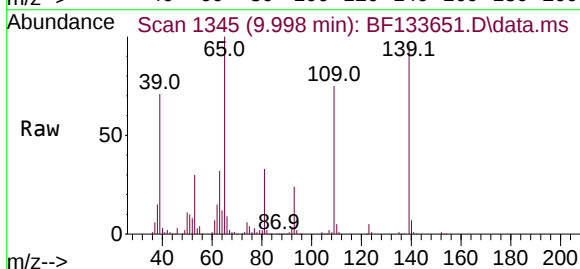
Supervised By :mohammad

ahmed

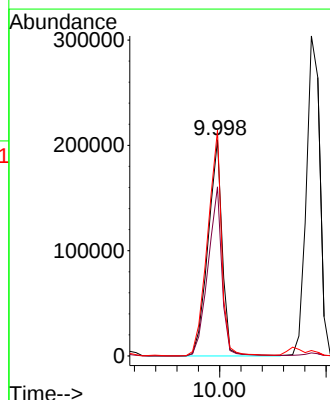
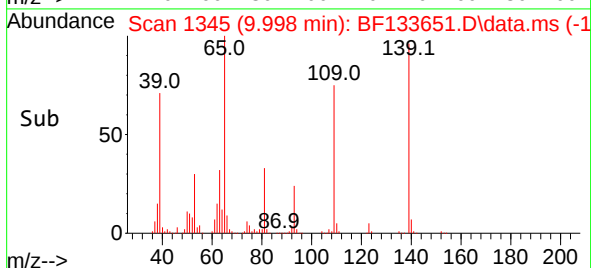
06/13/2023

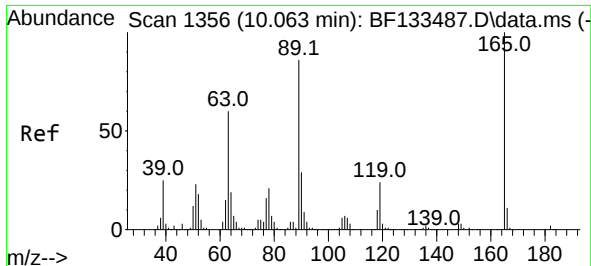


#56
4-Nitrophenol
Concen: 84.439 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.012 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20



Tgt Ion:139 Resp: 190689
Ion Ratio Lower Upper
139 100
109 78.2 54.5 94.5
65 104.4 79.5 119.5





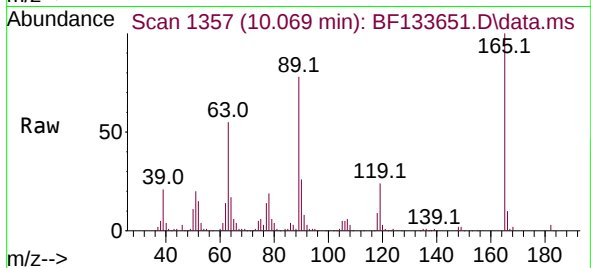
#57
2,4-Dinitrotoluene
Concen: 39.962 ng
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Instrument :

BNA_F

ClientSampleId :

PB153261BS



Tgt Ion:165 Resp: 121728
Ion Ratio Lower Upper
165 100
63 54.6 48.1 72.1
89 77.9 68.4 102.6
182 2.7 1.9 2.9

Manual Integrations
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Reviewed By :Yogesh

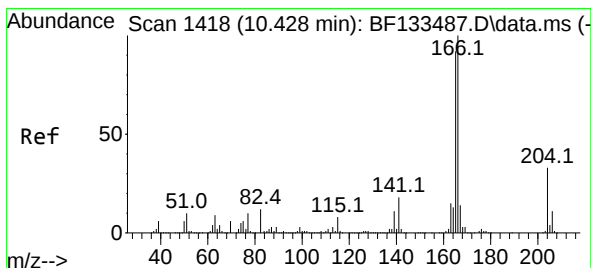
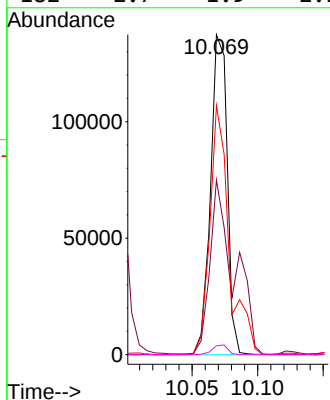
Patel

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Supervised By :mohammad

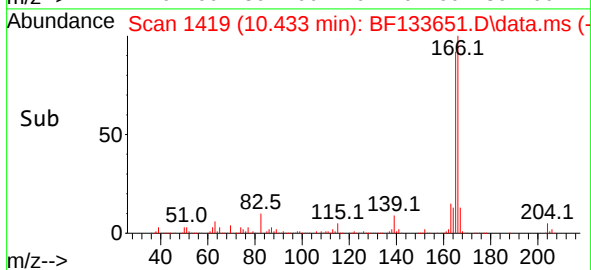
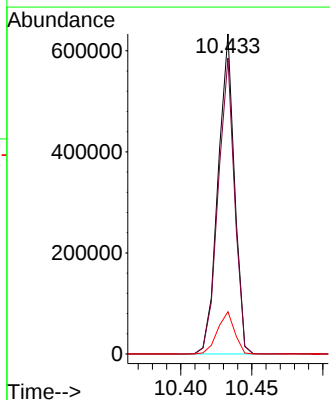
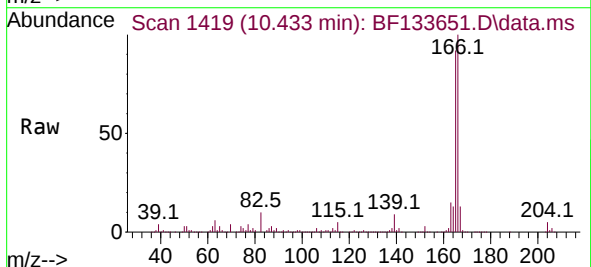
ahmed

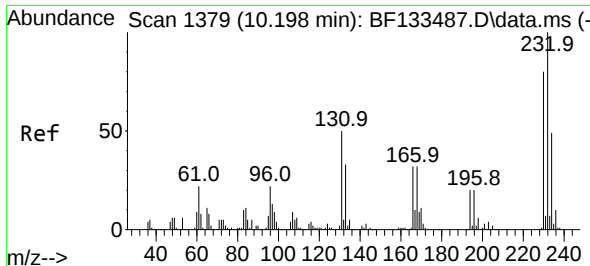
06/13/2023



#58
Fluorene
Concen: 40.765 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion:166 Resp: 507948
Ion Ratio Lower Upper
166 100
165 92.5 73.4 110.0
167 13.2 10.9 16.3





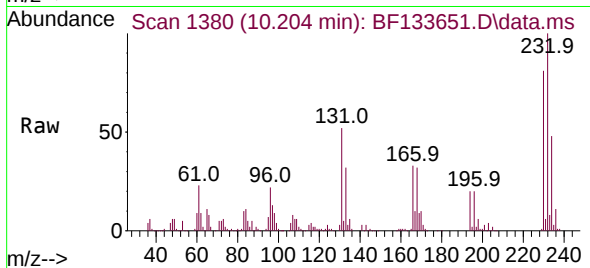
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.394 ng
RT: 10.204 min Scan# 1380
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Instrument :

BNA_F

ClientSampleId :

PB153261BS



Tgt Ion:232 Resp: 138224
Ion Ratio Lower Upper
232 100
131 46.7 37.9 56.9
130 2.3 1.8 2.6
166 30.6 24.4 36.6

Manual Integrations

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Reviewed By :Yogesh

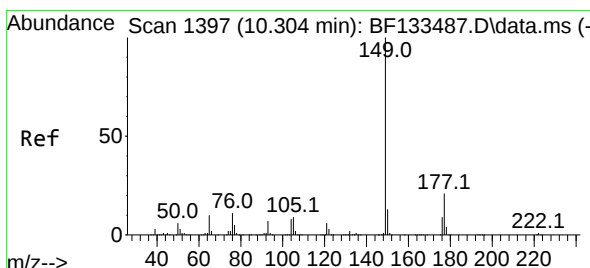
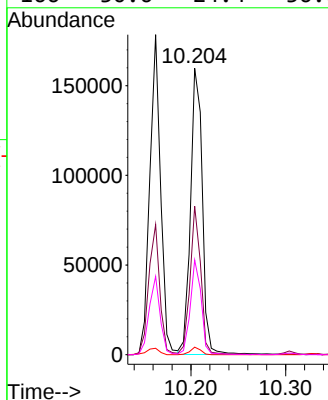
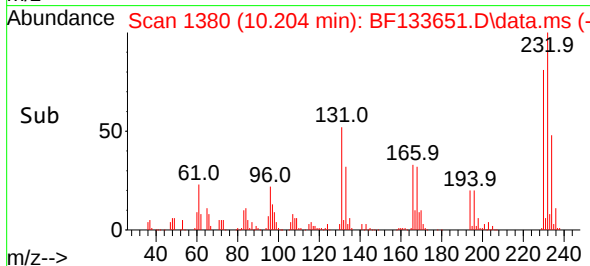
Patel

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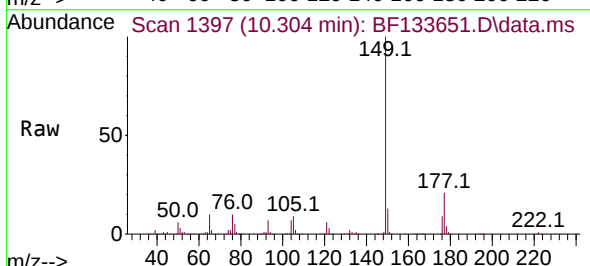
Supervised By :mohammad

ahmed

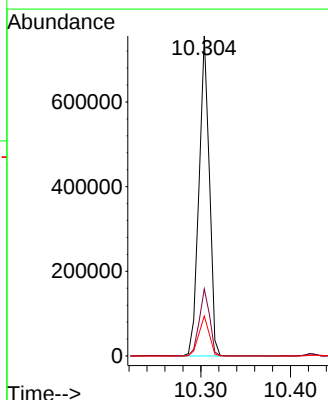
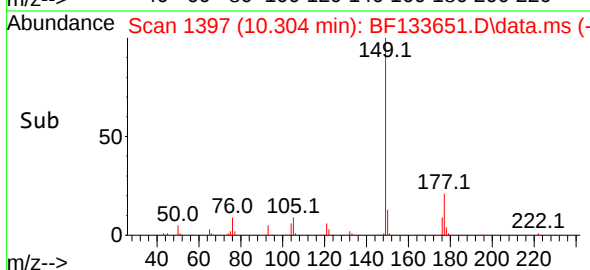
06/13/2023

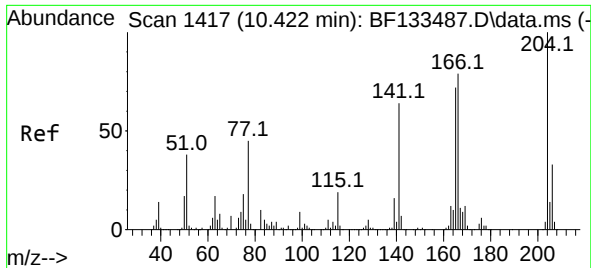


#60
Diethylphthalate
Concen: 44.029 ng
RT: 10.304 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20



Tgt Ion:149 Resp: 603313
Ion Ratio Lower Upper
149 100
177 21.0 17.1 25.7
150 12.5 10.2 15.2





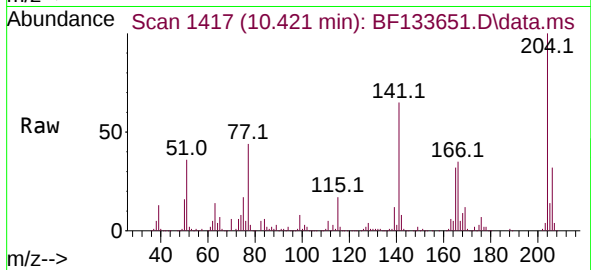
#61
4-Chlorophenyl-phenylether
Concen: 43.534 ng
RT: 10.421 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Instrument :

BNA_F

ClientSampleId :

PB153261BS



Tgt Ion:204 Resp: 260460
Ion Ratio Lower Upper
204 100
206 32.0 26.2 39.2
141 65.0 51.4 77.2

Manual Integrations
APPROVED

Reviewed By :Yogesh

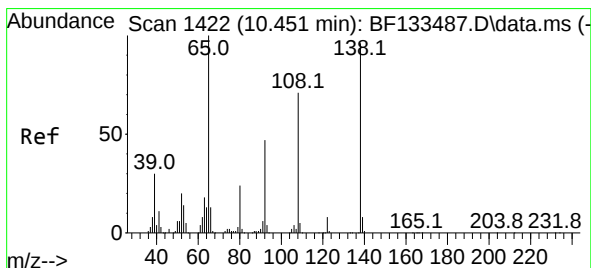
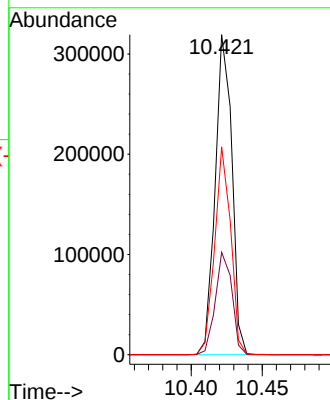
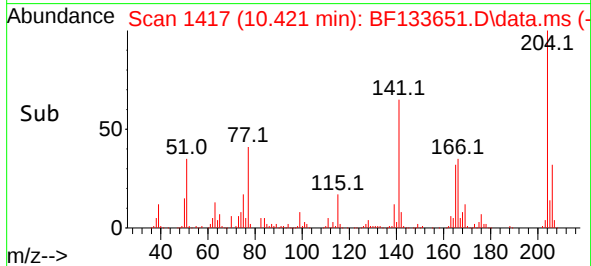
Patel

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Supervised By :mohammad

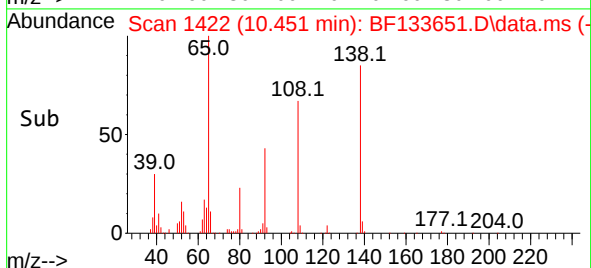
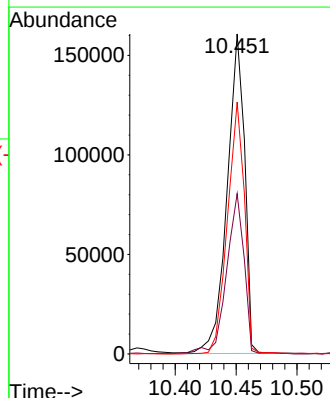
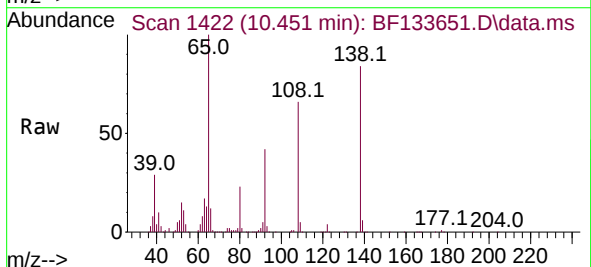
ahmed

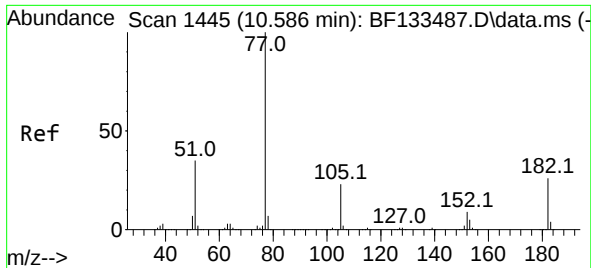
06/13/2023



#62
4-Nitroaniline
Concen: 50.403 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion:138 Resp: 160303
Ion Ratio Lower Upper
138 100
92 50.1 28.4 68.4
108 78.7 54.2 94.2





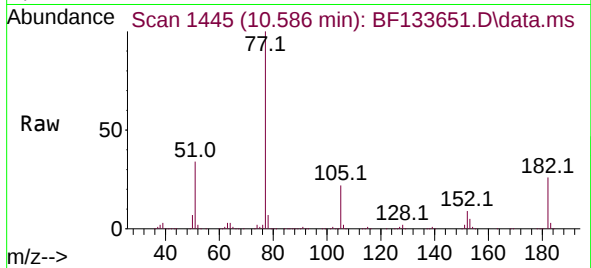
#63
Azobenzene
Concen: 37.691 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Instrument :

BNA_F

ClientSampleId :

PB153261BS



Tgt Ion: 77 Resp: 516970
Ion Ratio Lower Upper
77 100
182 26.1 5.6 45.6
105 22.3 2.6 42.6
51 34.1 14.7 54.7

Manual Integrations

APPROVED

Reviewed By :Yogesh

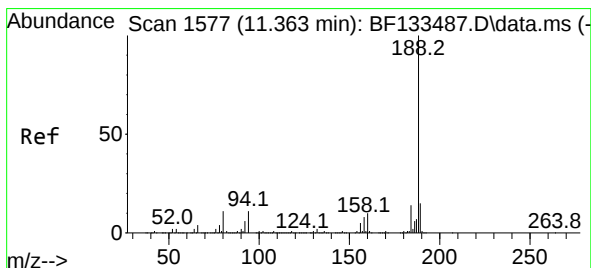
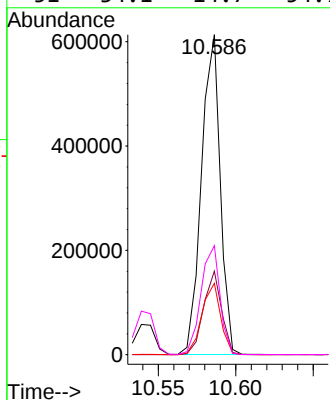
Patel

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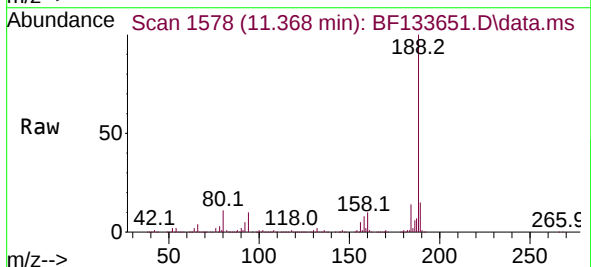
Supervised By :mohammad

ahmed

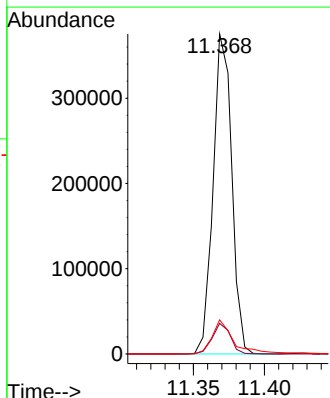
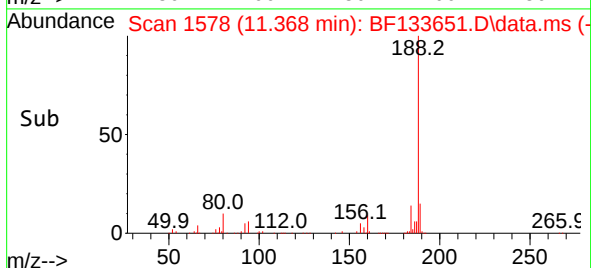
06/13/2023

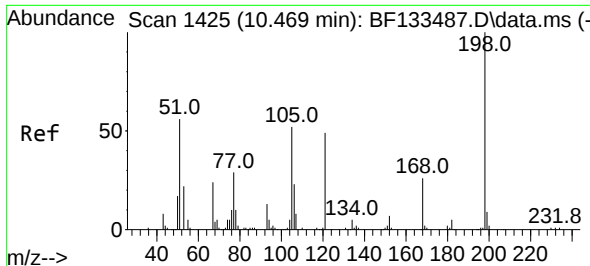


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.368 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20



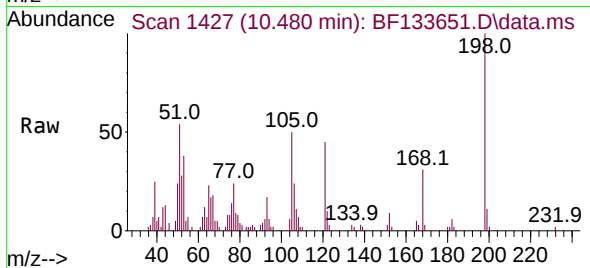
Tgt Ion:188 Resp: 342040
Ion Ratio Lower Upper
188 100
94 9.6 8.6 12.8
80 10.6 9.2 13.8





#65
4,6-Dinitro-2-methylphenol
Concen: 13.059 ng
RT: 10.480 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Instrument :
BNA_F
ClientSampleId :
PB153261BS

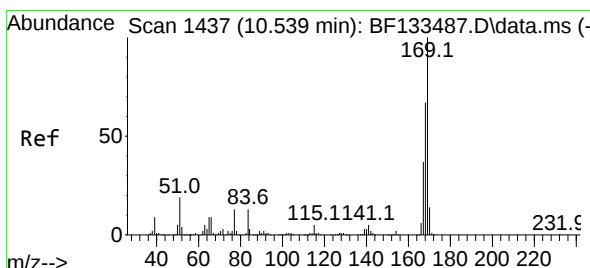
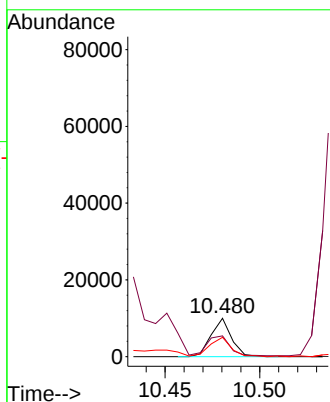
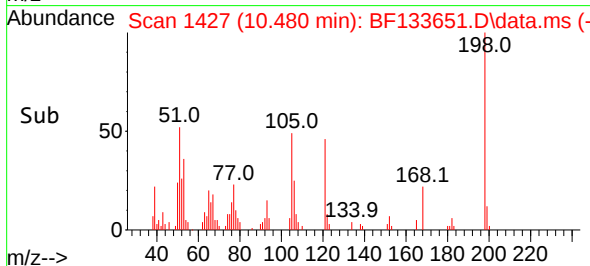


Tgt Ion:198 Resp: 7430
Ion Ratio Lower Upper
198 100
51 54.1 53.6 93.6
105 50.2 35.9 75.9

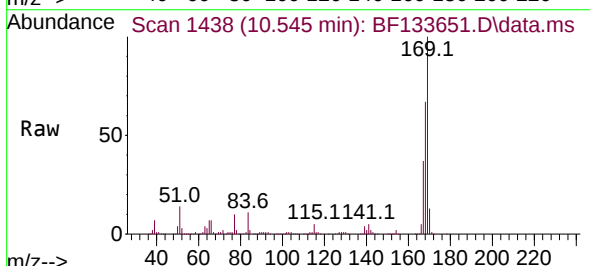
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
06/09/2023

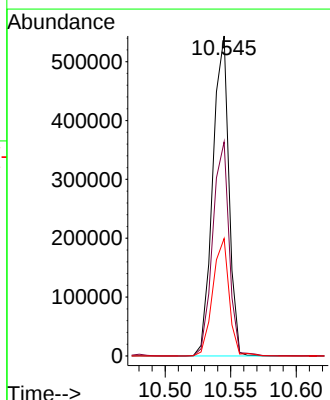
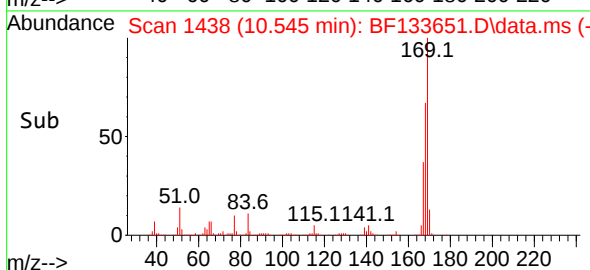
Supervised By :mohammad
ahmed
06/13/2023

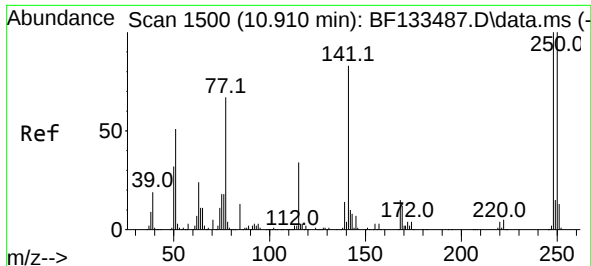


#66
n-Nitrosodiphenylamine
Concen: 42.009 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20



Tgt Ion:169 Resp: 466483
Ion Ratio Lower Upper
169 100
168 66.9 53.7 80.5
167 36.7 29.6 44.4





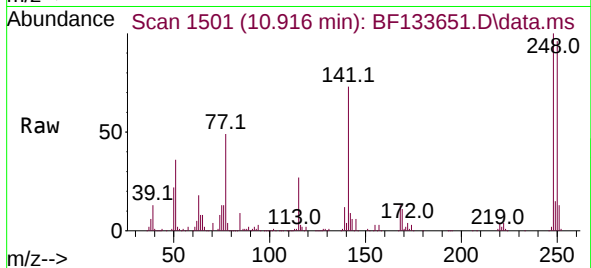
#67
4-Bromophenyl-phenylether
Concen: 43.494 ng
RT: 10.916 min Scan# 1500
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Instrument :

BNA_F

ClientSampleId :

PB153261BS



Tgt Ion:248 Resp: 157990
Ion Ratio Lower Upper
248 100
250 96.4 79.7 119.5
141 72.9 66.6 100.0

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Reviewed By :Yogesh

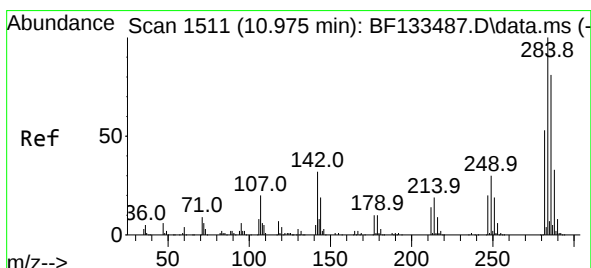
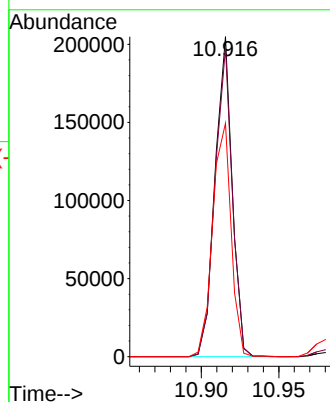
Patel

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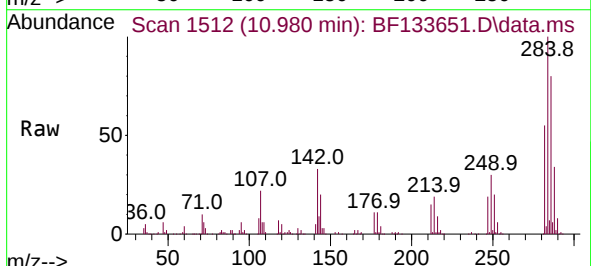
Supervised By :mohammad

ahmed

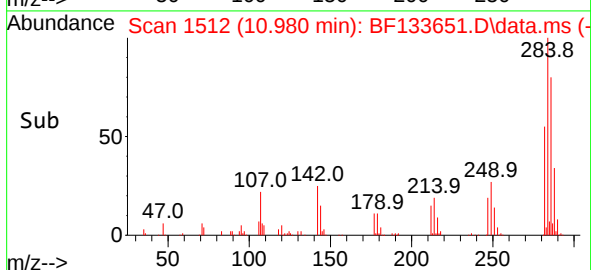
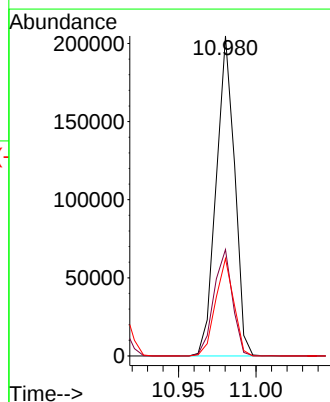
06/13/2023

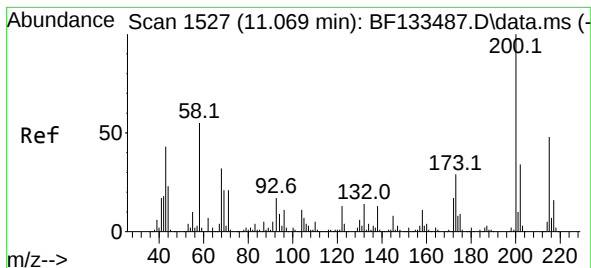


#68
Hexachlorobenzene
Concen: 44.536 ng
RT: 10.980 min Scan# 1512
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20



Tgt Ion:284 Resp: 169174
Ion Ratio Lower Upper
284 100
142 33.3 25.8 38.6
249 30.5 24.4 36.6





#69

Atrazine

Concen: 46.004 ng

RT: 11.069 min Scan# 1527

Delta R.T. -0.000 min

Lab File: BF133651.D

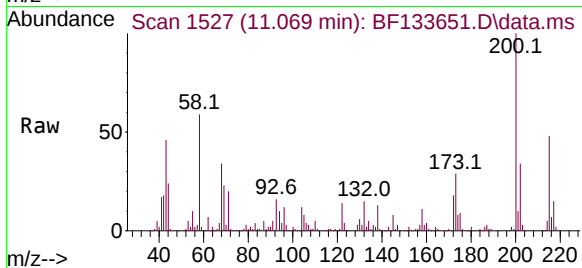
Acq: 08 Jun 2023 20:20

Instrument :

BNA_F

ClientSampleId :

PB153261BS



Tgt Ion:200	Resp: 140160
Ion Ratio	Lower Upper
200	100
173	28.7 9.0 49.0
215	47.6 27.6 67.6

Manual Integrations

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Reviewed By :Yogesh

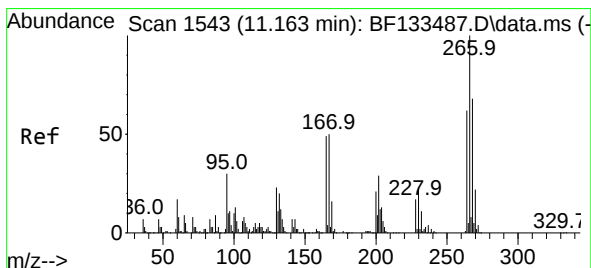
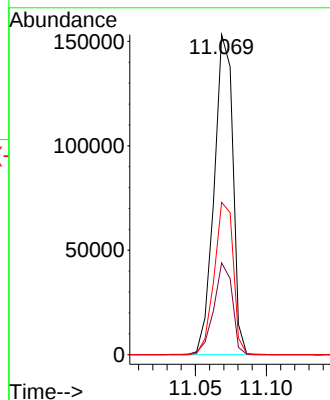
Patel

06/09/2023

Supervised By :mohammad

ahmed

06/13/2023



#70

Pentachlorophenol

Concen: 73.058 ng

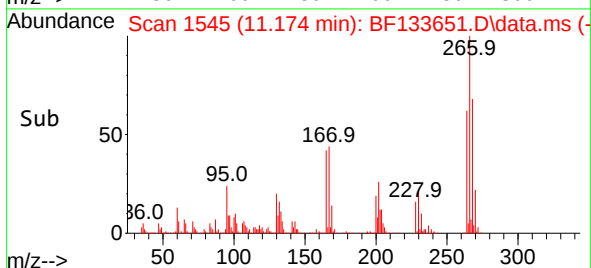
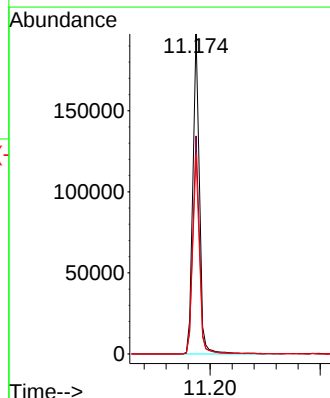
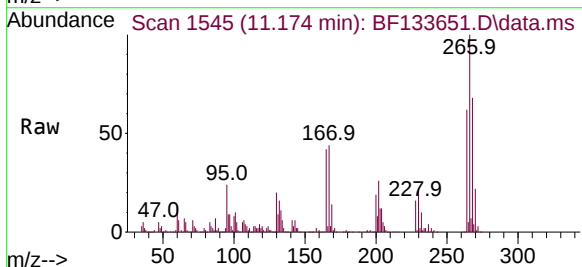
RT: 11.174 min Scan# 1545

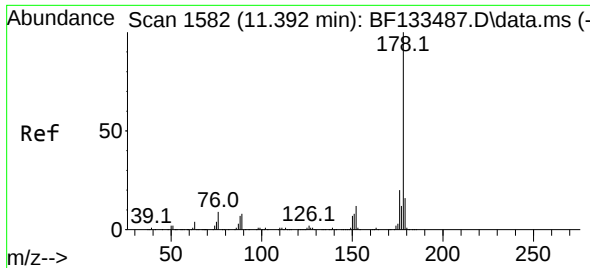
Delta R.T. 0.006 min

Lab File: BF133651.D

Acq: 08 Jun 2023 20:20

Tgt Ion:266	Resp: 165938
Ion Ratio	Lower Upper
266	100
268	68.2 54.6 82.0
264	62.0 49.2 73.8





#71
Phenanthrene
Concen: 41.857 ng
RT: 11.398 min Scan# 1582
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

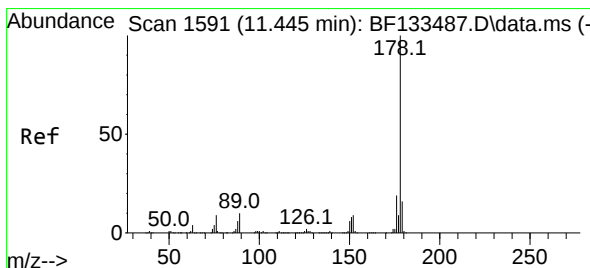
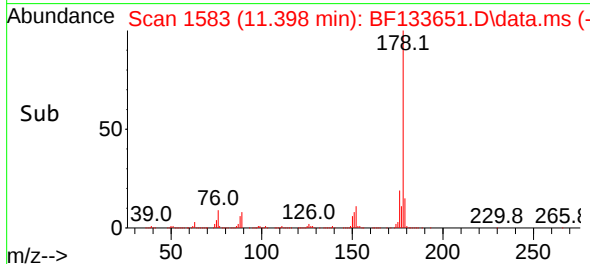
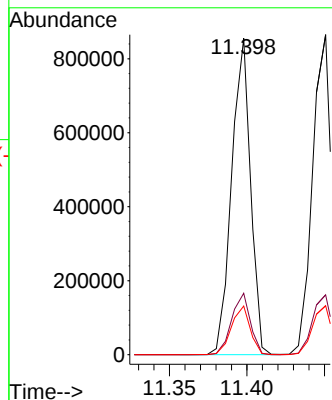
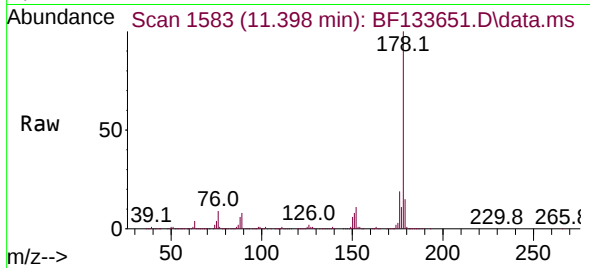
Instrument :
BNA_F
ClientSampleId :
PB153261BS

Tgt Ion:178 Resp: 725128
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.4 12.4 18.6

Manual Integrations
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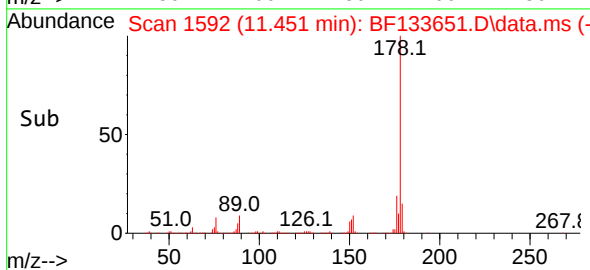
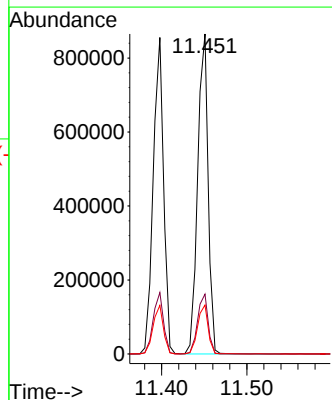
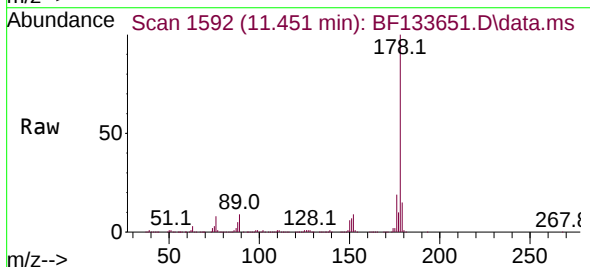
Reviewed By :Yogesh
Patel
06/09/2023

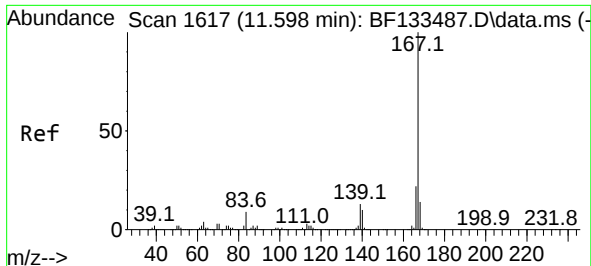
Supervised By :mohammad
ahmed
06/13/2023



#72
Anthracene
Concen: 41.387 ng
RT: 11.451 min Scan# 1592
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

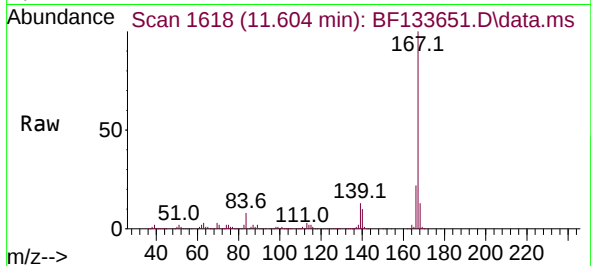
Tgt Ion:178 Resp: 737915
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 15.3 12.6 18.8





#73
 Carbazole
 Concen: 42.131 ng
 RT: 11.604 min Scan# 1617
 Delta R.T. 0.006 min
 Lab File: BF133651.D
 Acq: 08 Jun 2023 20:20

Instrument :
 BNA_F
 ClientSampleId :
 PB153261BS

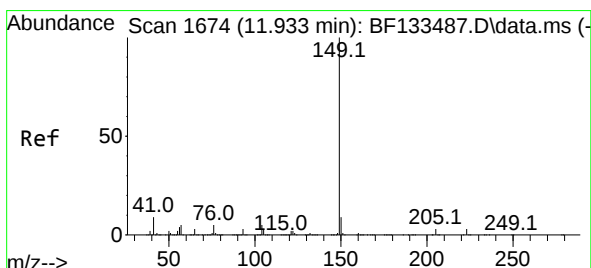
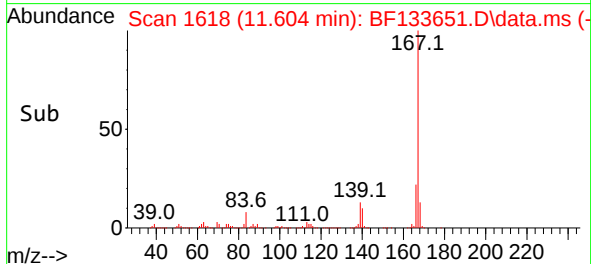
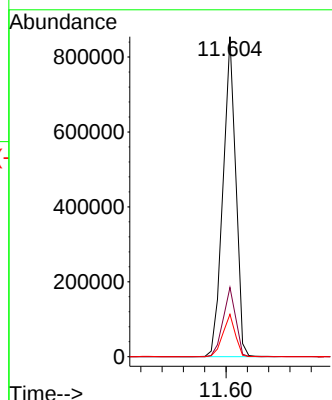


Tgt Ion:167 Resp: 71040
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.3 25.9
 139 13.2 10.7 16.1

Manual Integrations
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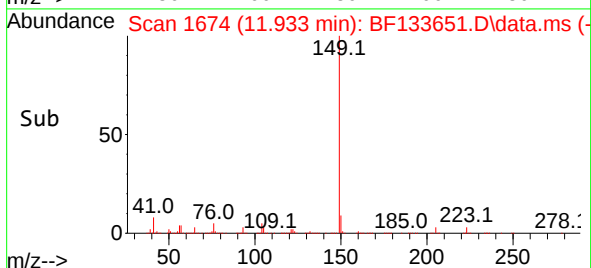
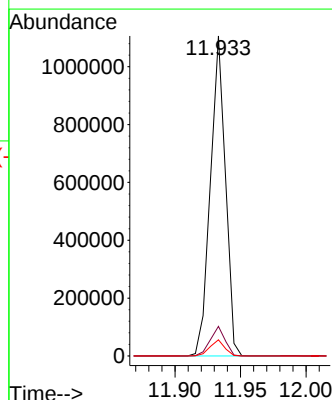
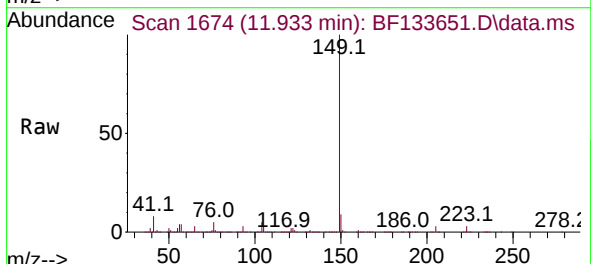
Reviewed By :Yogesh
 Patel
 06/09/2023

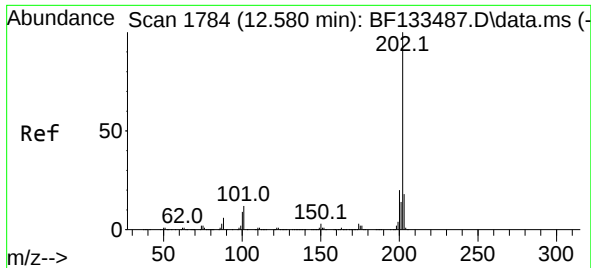
Supervised By :mohammad
 ahmed
 06/13/2023



#74
 Di-n-butylphthalate
 Concen: 44.416 ng
 RT: 11.933 min Scan# 1674
 Delta R.T. -0.000 min
 Lab File: BF133651.D
 Acq: 08 Jun 2023 20:20

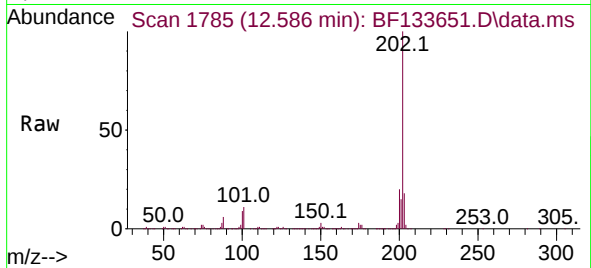
Tgt Ion:149 Resp: 885589
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.1 3.9 5.9





#75
Fluoranthene
Concen: 38.444 ng
RT: 12.586 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Instrument :
BNA_F
ClientSampleId :
PB153261BS

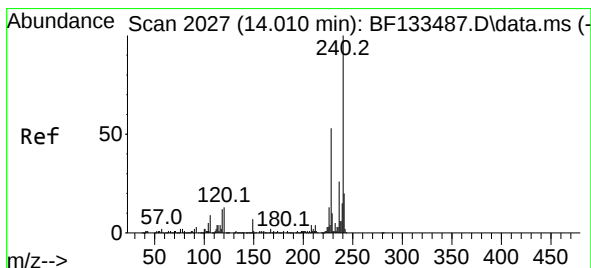
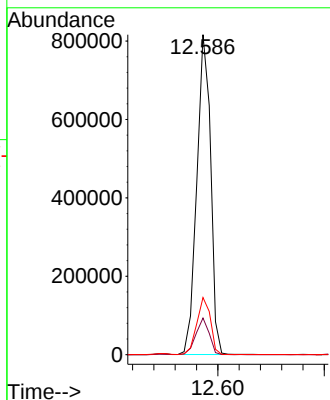
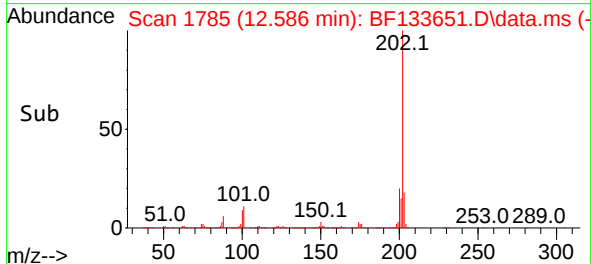


Tgt Ion:202 Resp: 73564
Ion Ratio Lower Upper
202 100
101 11.4 0.0 32.2
203 17.8 0.0 37.8

Manual Integrations
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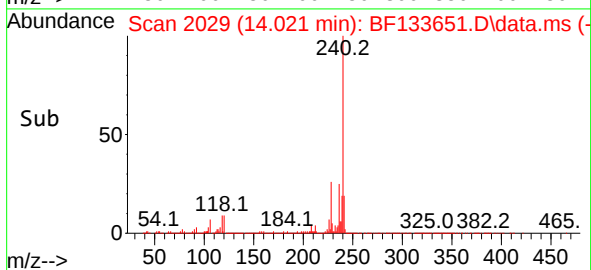
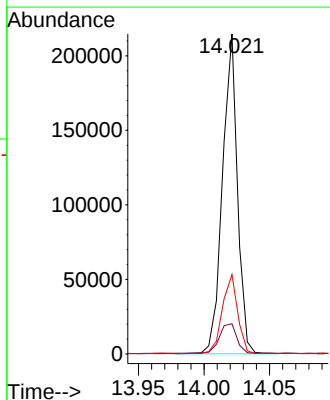
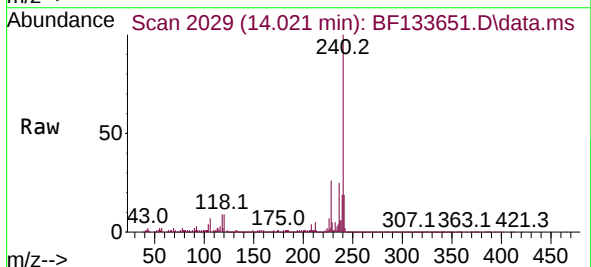
Reviewed By :Yogesh
Patel
06/09/2023

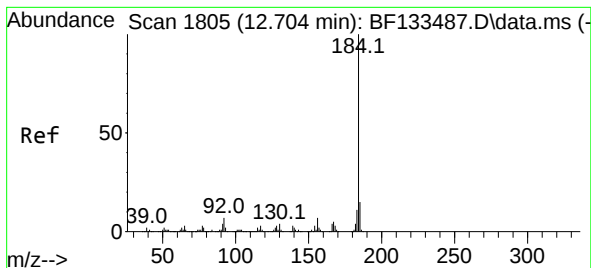
Supervised By :mohammad
ahmed
06/13/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion:240 Resp: 169514
Ion Ratio Lower Upper
240 100
120 9.5 10.3 15.5#
236 24.8 20.5 30.7





#77

Benzidine

Concen: 112.229 ng

RT: 12.715 min Scan# 1807

Delta R.T. 0.012 min

Lab File: BF133651.D

Acq: 08 Jun 2023 20:20

Instrument :

BNA_F

ClientSampleId :

PB153261BS

Tgt Ion:184 Resp: 55641

Ion	Ratio	Lower	Upper
184	100		
185	13.8	12.2	18.2
183	10.9	8.7	13.1

Manual Integrations

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Reviewed By :Yogesh

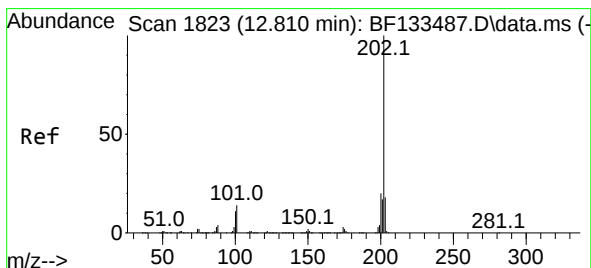
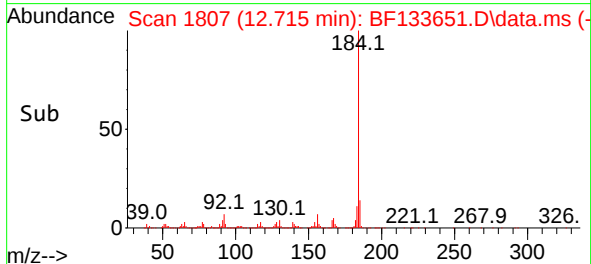
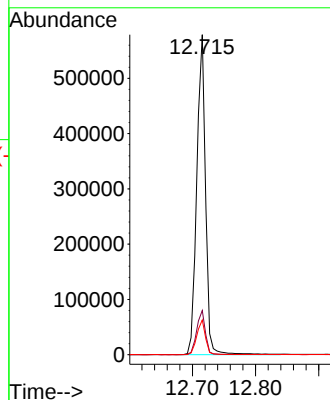
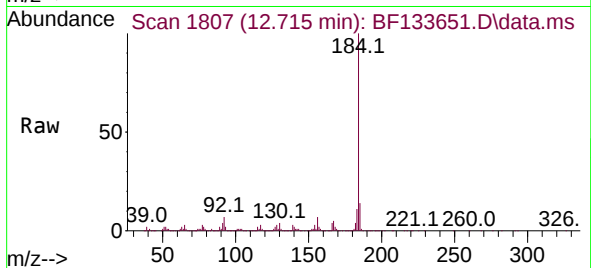
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#78

Pyrene

Concen: 50.372 ng

RT: 12.815 min Scan# 1824

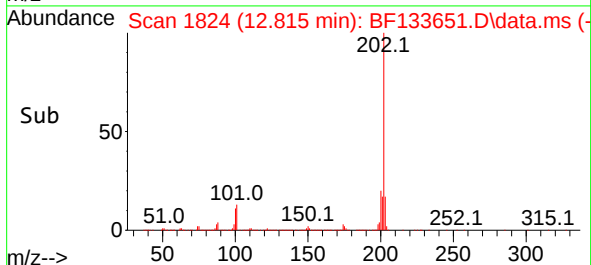
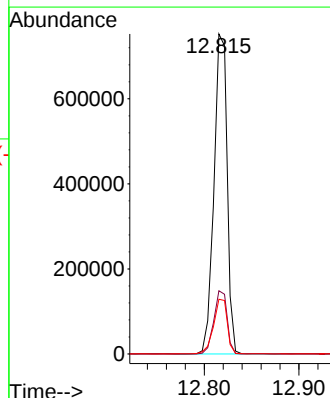
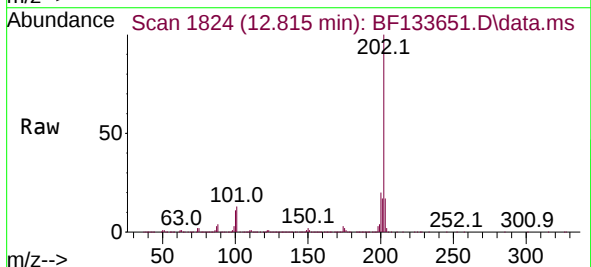
Delta R.T. -0.000 min

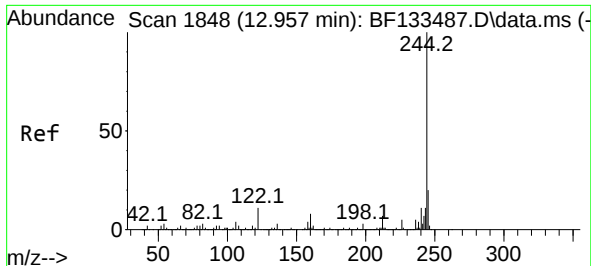
Lab File: BF133651.D

Acq: 08 Jun 2023 20:20

Tgt Ion:202 Resp: 726614

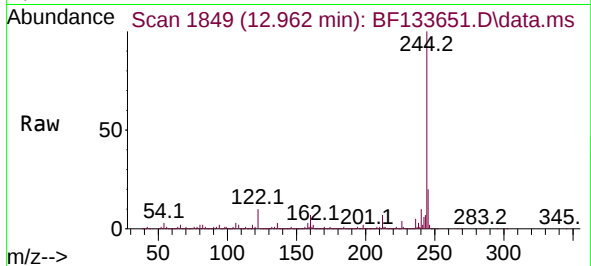
Ion	Ratio	Lower	Upper
202	100		
200	19.7	16.3	24.5
203	17.1	14.3	21.5





#79
 Terphenyl-d14
 Concen: 106.801 ng
 RT: 12.962 min Scan# 1848
 Delta R.T. 0.006 min
 Lab File: BF133651.D
 Acq: 08 Jun 2023 20:20

Instrument :
 BNA_F
 ClientSampleId :
 PB153261BS

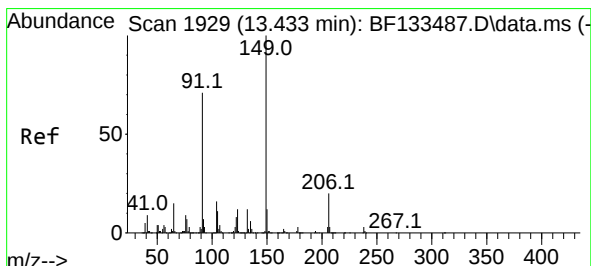
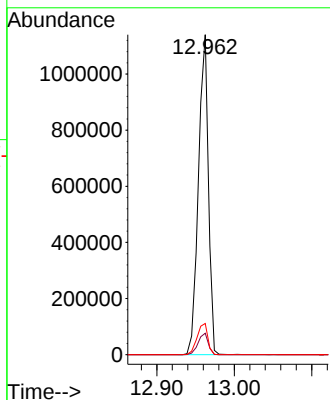
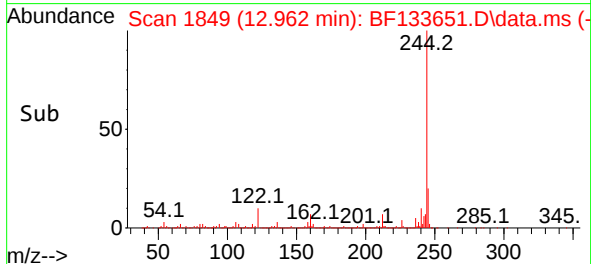


Tgt Ion:244 Resp: 101824
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 9.8 8.5 12.7

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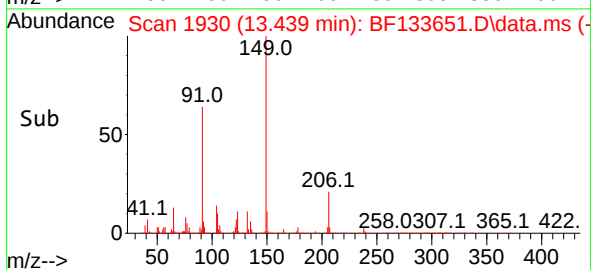
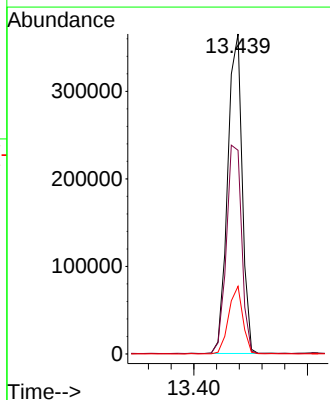
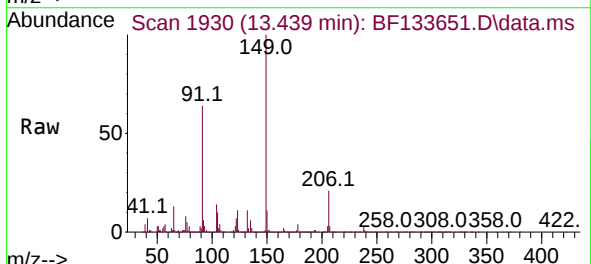
Reviewed By :Yogesh
 Patel
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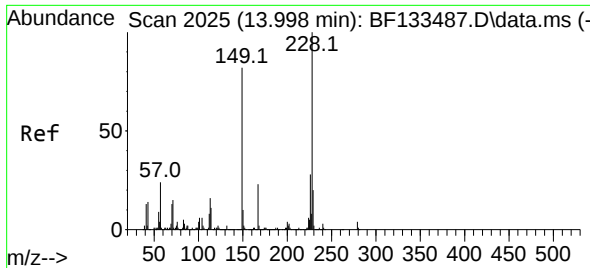
Supervised By :mohammad
 ahmed
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#80
 Butylbenzylphthalate
 Concen: 56.785 ng
 RT: 13.439 min Scan# 1930
 Delta R.T. 0.006 min
 Lab File: BF133651.D
 Acq: 08 Jun 2023 20:20

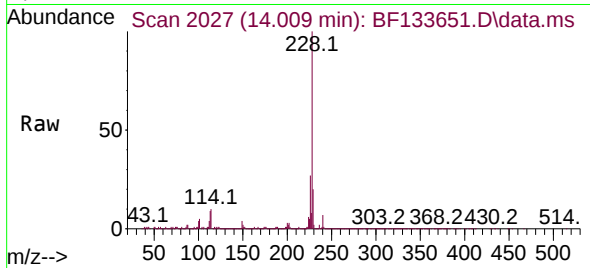
Tgt Ion:149 Resp: 324088
 Ion Ratio Lower Upper
 149 100
 91 63.7 56.9 85.3
 206 21.2 15.7 23.5





#81
Benzo(a)anthracene
Concen: 44.457 ng
RT: 14.009 min Scan# 2027
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Instrument :
BNA_F
ClientSampleId :
PB153261BS

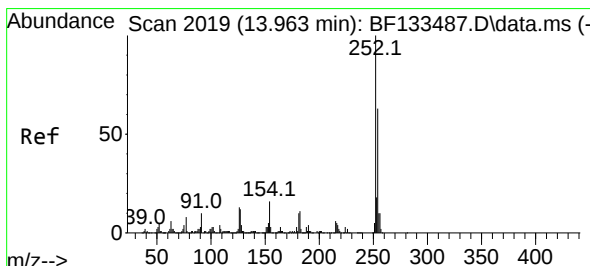
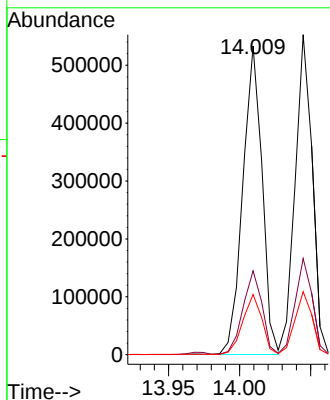
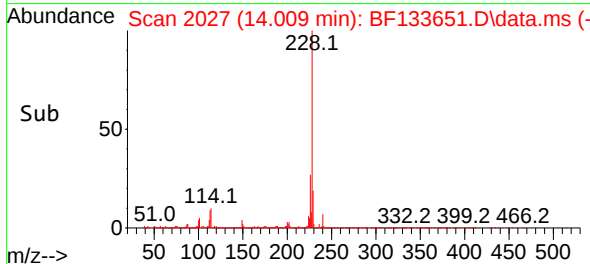


Tgt Ion:228 Resp: 502032
Ion Ratio Lower Upper
228 100
226 27.2 22.3 33.5
229 19.5 16.1 24.1

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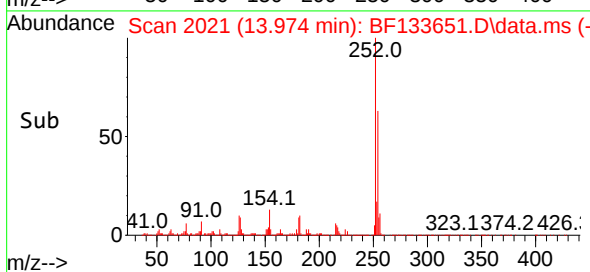
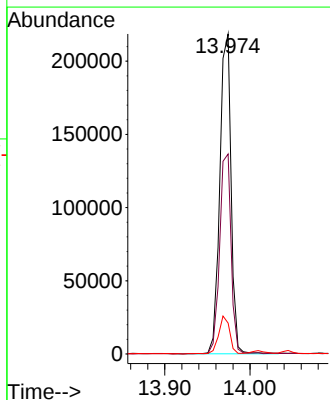
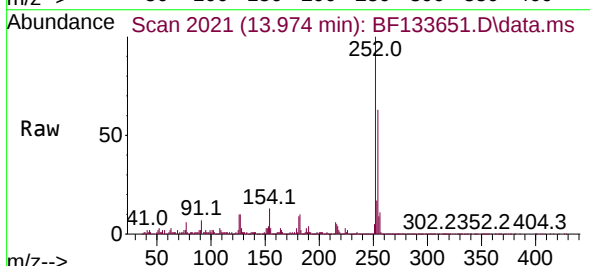
Reviewed By :Yogesh
Patel
06/09/2023

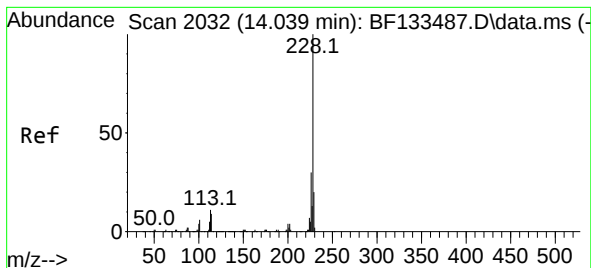
Supervised By :mohammad
ahmed
06/13/2023



#82
3,3'-Dichlorobenzidine
Concen: 56.669 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion:252 Resp: 200048
Ion Ratio Lower Upper
252 100
254 62.5 50.3 75.5
126 9.6 10.5 15.7#





#83

Chrysene

Concen: 40.665 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF133651.D

Acq: 08 Jun 2023 20:20

Instrument :

BNA_F

ClientSampleId :

PB153261BS

Tgt Ion:228 Resp: 463574

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 19.7 15.8 23.8

Manual Integrations

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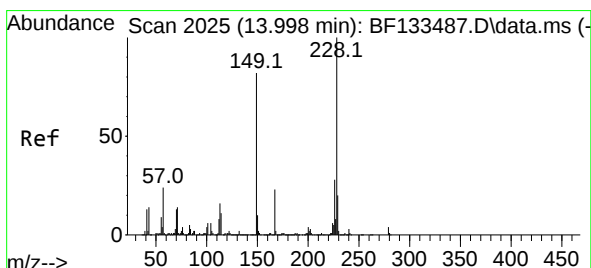
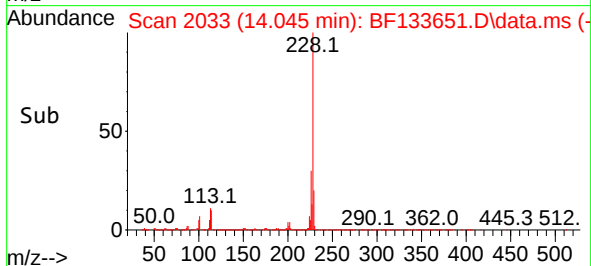
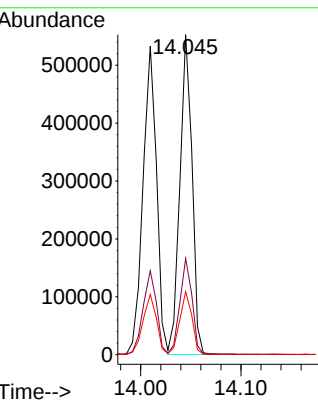
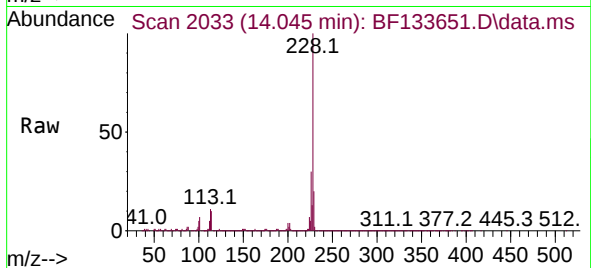
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#84

Bis(2-ethylhexyl)phthalate

Concen: 59.469 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF133651.D

Acq: 08 Jun 2023 20:20

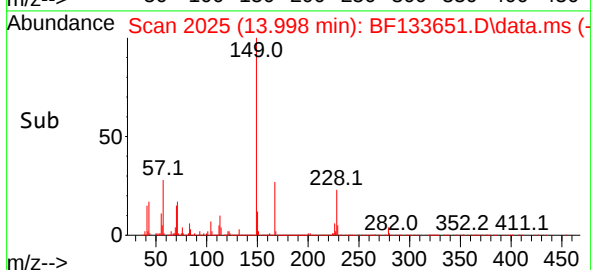
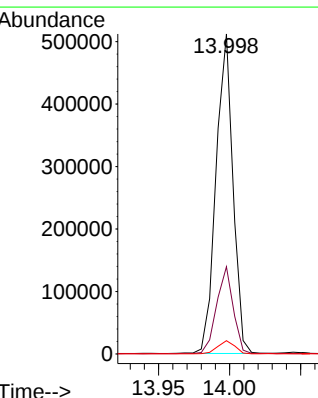
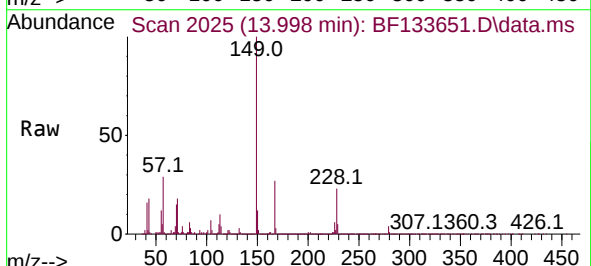
Tgt Ion:149 Resp: 424252

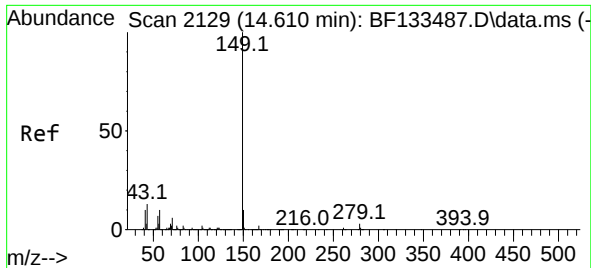
Ion Ratio Lower Upper

149 100

167 27.2 22.0 33.0

279 4.2 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 52.671 ng
RT: 14.609 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Instrument :

BNA_F

ClientSampleId :

PB153261BS

Tgt Ion:149 Resp: 625952
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.4 10.0 15.0

Manual Integrations
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Reviewed By :Yogesh

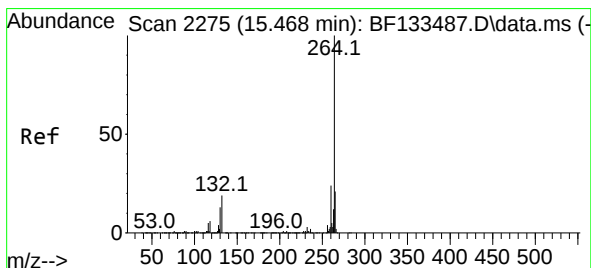
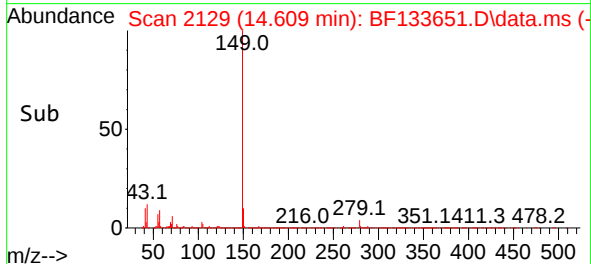
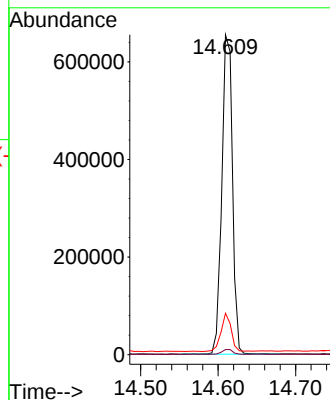
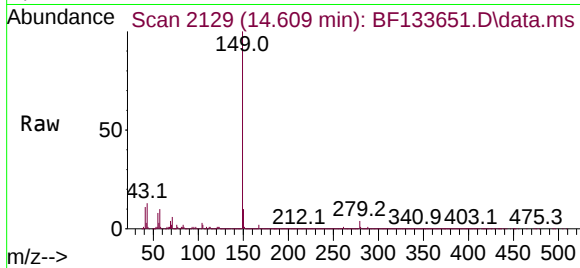
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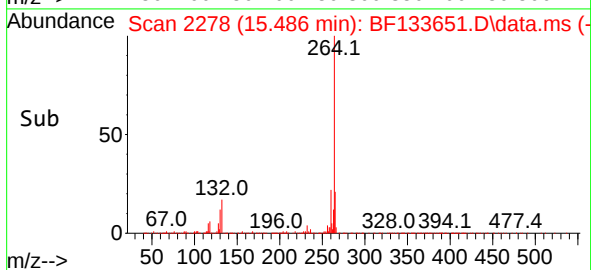
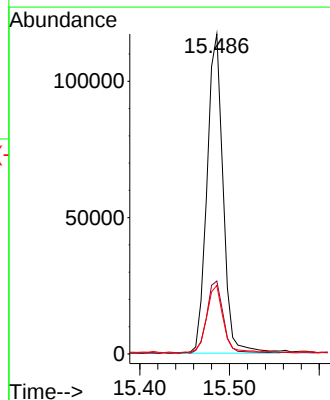
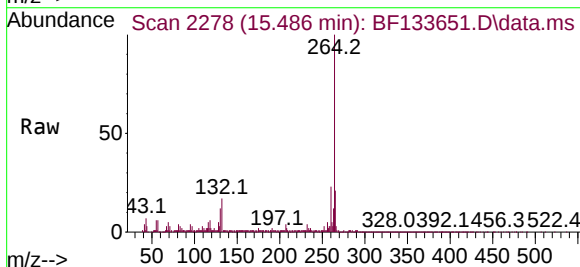
ahmed

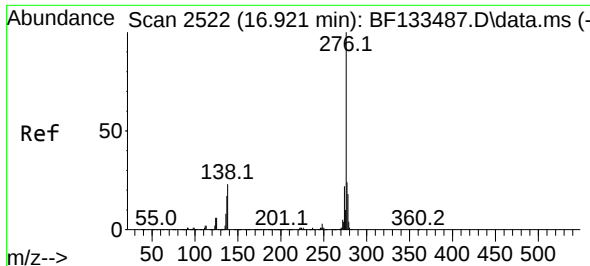
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 2278
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion:264 Resp: 145899
Ion Ratio Lower Upper
264 100
260 22.8 19.0 28.4
265 21.4 16.8 25.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 38.882 ng
RT: 16.956 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Instrument :

BNF

ClientSampleId :

PB153261BS

Tgt Ion:276 Resp: 36134
Ion Ratio Lower Upper
276 100
138 23.1 21.4 32.2
277 24.8 20.0 30.0

Manual Integrations
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Reviewed By :Yogesh

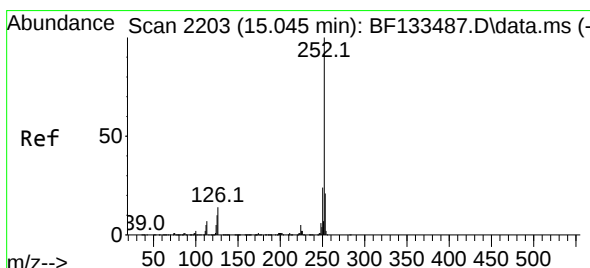
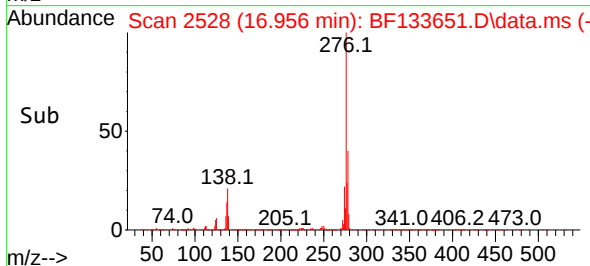
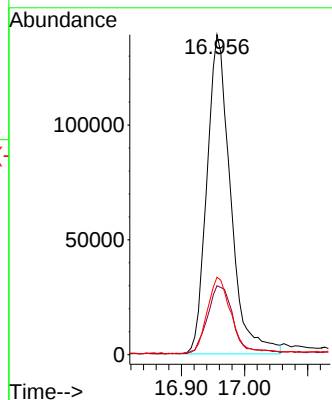
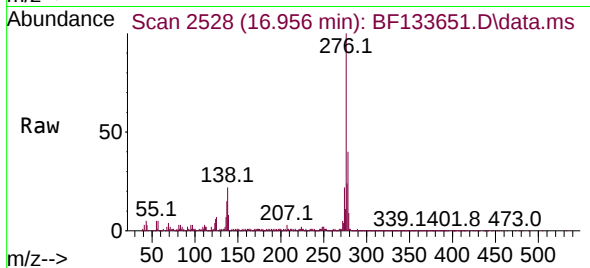
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Supervised By :mohammad

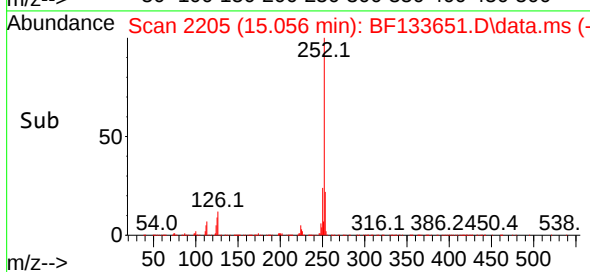
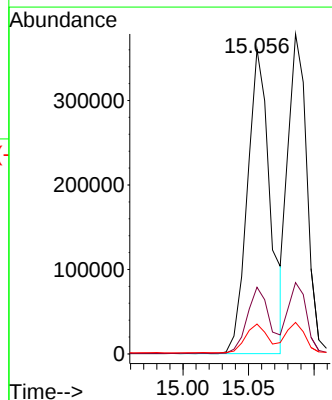
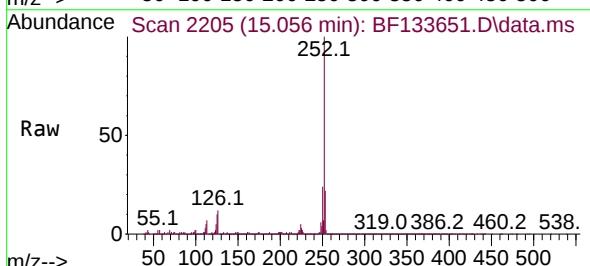
ahmed

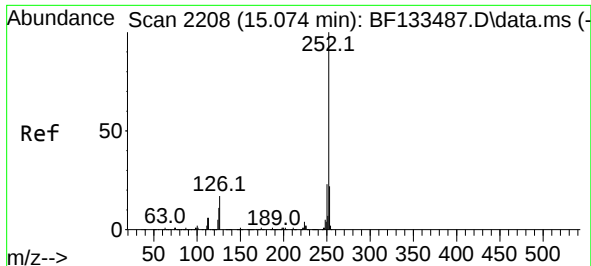
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#88
Benzo(b)fluoranthene
Concen: 45.796 ng
RT: 15.056 min Scan# 2205
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion:252 Resp: 435086
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 9.8 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 41.195 ng
RT: 15.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Instrument :

BNA_F

ClientSampleId :

PB153261BS

Tgt Ion:252 Resp: 38162
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 9.9 8.3 12.5

Manual Integrations
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Reviewed By :Yogesh

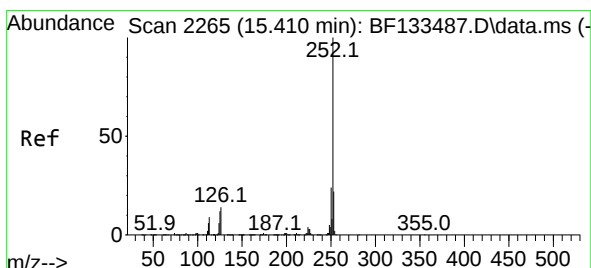
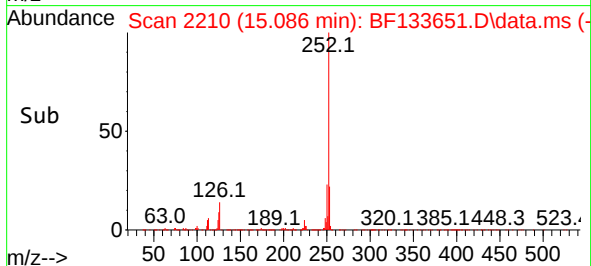
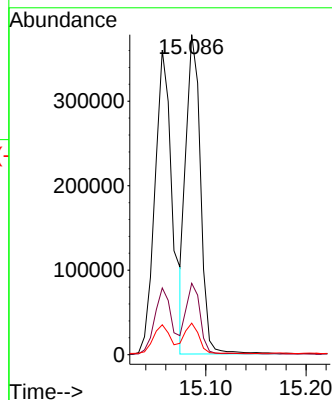
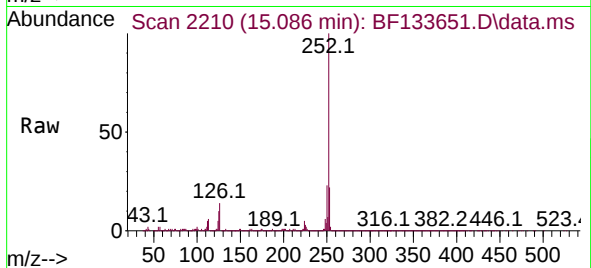
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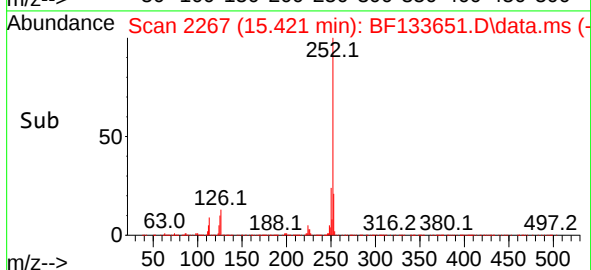
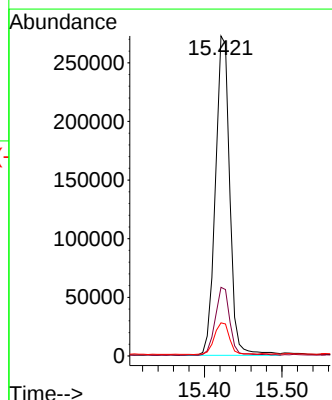
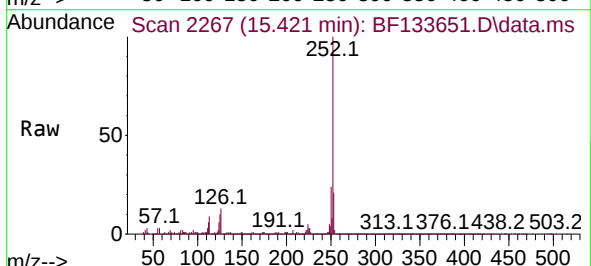
ahmed

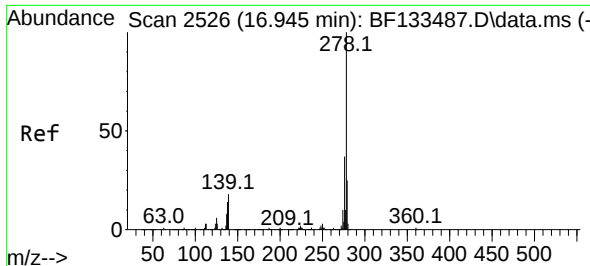
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#90
Benzo(a)pyrene
Concen: 40.480 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion:252 Resp: 349949
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 10.4 9.4 14.0





#91
Dibenzo(a,h)anthracene
Concen: 41.219 ng
RT: 16.974 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Instrument :

BNA_F

ClientSampleId :

PB153261BS

Tgt Ion:278 Resp: 31058
Ion Ratio Lower Upper
278 100
139 15.9 14.1 21.1
279 24.3 19.7 29.5

Manual Integrations
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Reviewed By :Yogesh

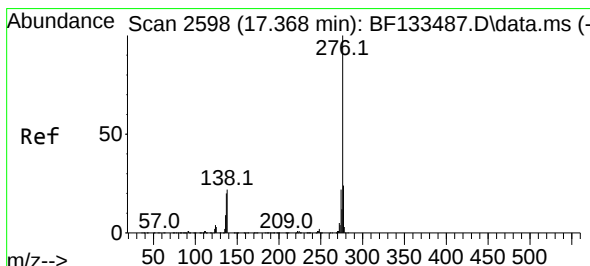
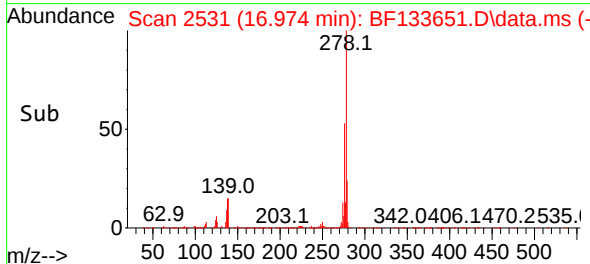
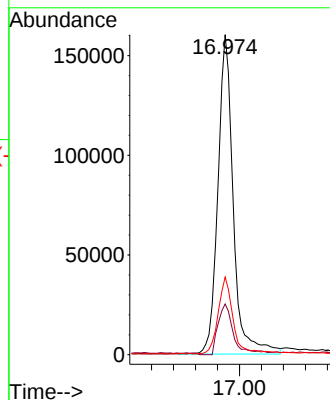
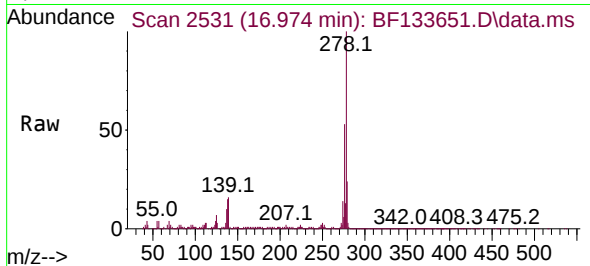
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Supervised By :mohammad

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#92
Benzo(g,h,i)perylene
Concen: 34.975 ng
RT: 17.403 min Scan# 2604
Delta R.T. 0.012 min
Lab File: BF133651.D
Acq: 08 Jun 2023 20:20

Tgt Ion:276 Resp: 265729
Ion Ratio Lower Upper
276 100
277 23.6 18.8 28.2
138 17.9 17.8 26.6

