

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061923\
 Data File : BF133833.D
 Acq On : 19 Jun 2023 14:40
 Operator : CG\JU
 Sample : PB153490BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB153490BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023

Quant Time: Jun 20 01:32:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 19 16:00:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	109009	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	433162	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	224426	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	445244	20.000	ng	0.00
76) Chrysene-d12	14.051	240	202203	20.000	ng	0.00
86) Perylene-d12	15.557	264	206462	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	743891	118.801	ng	0.01
7) Phenol-d6	6.498	99	916009	112.386	ng	0.00
23) Nitrobenzene-d5	7.428	82	631971	79.465	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	316772	111.507	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1176879	74.544	ng	0.00
79) Terphenyl-d14	12.986	244	1282740	98.161	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	110506	40.142	ng	97
3) Pyridine	3.510	79	232443	28.969	ng	97
4) n-Nitrosodimethylamine	3.469	42	185217	41.760	ng	96
6) Aniline	6.522	93	292640	28.506	ng	# 89
8) 2-Chlorophenol	6.646	128	306277	46.414	ng	97
9) Benzaldehyde	6.410	77	84033	15.540	ng	96
10) Phenol	6.516	94	362869	42.636	ng	88
11) bis(2-Chloroethyl)ether	6.598	93	272453	43.121	ng	97
12) 1,3-Dichlorobenzene	6.798	146	317439	45.024	ng	98
13) 1,4-Dichlorobenzene	6.875	146	320346	44.955	ng	96
14) 1,2-Dichlorobenzene	7.028	146	307323	47.728	ng	99
15) Benzyl Alcohol	7.004	79	276583	43.448	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	494780	46.196	ng	99
17) 2-Methylphenol	7.116	107	253100	43.273	ng	99
18) Hexachloroethane	7.369	117	120911	49.563	ng	99
19) n-Nitroso-di-n-propyla...	7.275	70	220736	42.566	ng	96
20) 3+4-Methylphenols	7.269	107	302610	39.772	ng	# 84
22) Acetophenone	7.269	105	427079	42.988	ng	92
24) Nitrobenzene	7.445	77	333220	41.611	ng	99
25) Isophorone	7.681	82	605213	41.452	ng	99
26) 2-Nitrophenol	7.757	139	164346	45.729	ng	97
27) 2,4-Dimethylphenol	7.793	122	271428	43.818	ng	99
28) bis(2-Chloroethoxy)met...	7.893	93	350430	41.528	ng	99
29) 2,4-Dichlorophenol	7.998	162	258214	42.532	ng	99
30) 1,2,4-Trichlorobenzene	8.081	180	266093	42.010	ng	99
31) Naphthalene	8.163	128	849915	40.273	ng	99
32) Benzoic acid	7.922	122	207267	53.054	ng	94
33) 4-Chloroaniline	8.210	127	99242	10.998	ng	97
34) Hexachlorobutadiene	8.275	225	169071	40.769	ng	98
35) Caprolactam	8.592	113	87387m	42.777	ng	
36) 4-Chloro-3-methylphenol	8.698	107	298000	42.585	ng	99
37) 2-Methylnaphthalene	8.857	142	579311	39.508	ng	99
38) 1-Methylnaphthalene	8.951	142	545146	40.402	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	274000	40.160	ng	# 98
41) Hexachlorocyclopentadiene	9.004	237	357867	117.703	ng	98
43) 2,4,6-Trichlorophenol	9.134	196	190913	41.874	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	204025	38.465	ng	97
46) 1,1'-Biphenyl	9.322	154	746363	41.235	ng	99
47) 2-Chloronaphthalene	9.345	162	544425	41.932	ng	99
48) 2-Nitroaniline	9.445	65	195881	41.252	ng	99
49) Acenaphthylene	9.763	152	912371	40.374	ng	100
50) Dimethylphthalate	9.628	163	675923	40.350	ng	100
51) 2,6-Dinitrotoluene	9.687	165	146578	42.392	ng	# 76
52) Acenaphthene	9.934	154	535222	40.463	ng	100
53) 3-Nitroaniline	9.857	138	94589	22.480	ng	93
54) 2,4-Dinitrophenol	9.969	184	182735	106.139	ng	96
55) Dibenzofuran	10.110	168	820568	40.655	ng	98
56) 4-Nitrophenol	10.028	139	242762	85.486	ng	86
57) 2,4-Dinitrotoluene	10.092	165	193778	44.066	ng	92
58) Fluorene	10.451	166	648589	42.020	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	180178	45.372	ng	97
60) Diethylphthalate	10.328	149	713925	41.875	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	307873	40.404	ng	98
62) 4-Nitroaniline	10.481	138	160844	38.987	ng	96
63) Azobenzene	10.604	77	666252	41.280	ng	96
65) 4,6-Dinitro-2-methylph...	10.504	198	116076	54.557	ng	83
66) n-Nitrosodiphenylamine	10.563	169	576583	38.552	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	196755	39.592	ng	95
68) Hexachlorobenzene	10.998	284	214487	41.044	ng	96
69) Atrazine	11.092	200	188142	43.357	ng	97
70) Pentachlorophenol	11.198	266	237340	75.845	ng	97
71) Phenanthrene	11.422	178	912609	40.400	ng	99
72) Anthracene	11.469	178	946789	40.197	ng	99
73) Carbazole	11.628	167	862573	39.320	ng	99
74) Di-n-butylphthalate	11.957	149	1108656	39.421	ng	99
75) Fluoranthene	12.610	202	942809	39.303	ng	98
77) Benzidine	12.733	184	220010	32.425	ng	99
78) Pyrene	12.845	202	937980	49.797	ng	100
80) Butylbenzylphthalate	13.469	149	350772	44.112	ng	96
81) Benzo(a)anthracene	14.039	228	583628	41.728	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	138416	29.767	ng	97
83) Chrysene	14.074	228	549748	41.557	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	396612	40.507	ng	99
85) Di-n-octyl phthalate	14.651	149	572659	41.158	ng	98
87) Indeno(1,2,3-cd)pyrene	17.110	276	706836	49.763	ng	100
88) Benzo(b)fluoranthene	15.110	252	504158	40.199	ng	99
89) Benzo(k)fluoranthene	15.139	252	512369	41.939	ng	99
90) Benzo(a)pyrene	15.492	252	480564	41.287	ng	98
91) Dibenzo(a,h)anthracene	17.133	278	576125	48.993	ng	99
92) Benzo(g,h,i)perylene	17.586	276	577580	49.539	ng	99

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



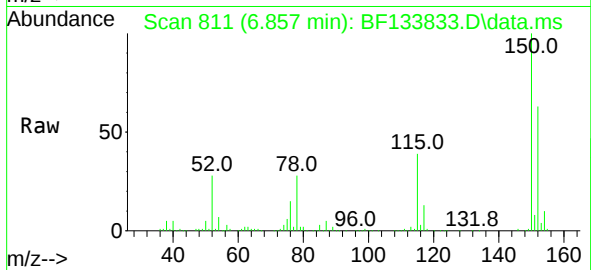
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133833.D
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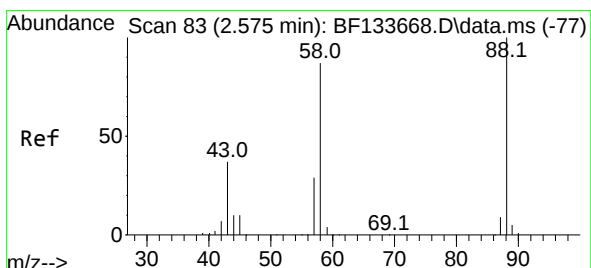
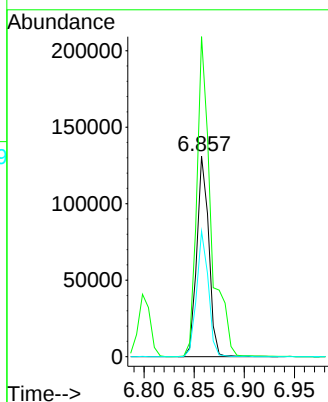
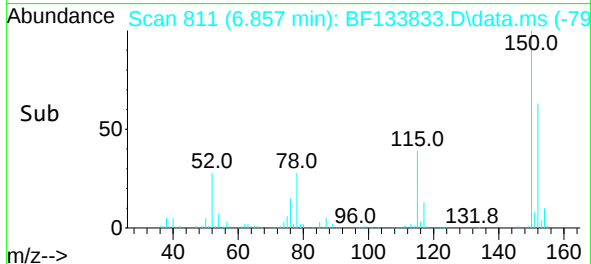


Tgt Ion:152 Resp: 109009
Ion Ratio Lower Upper
152 100
150 159.6 124.3 186.5
115 62.6 48.5 72.7

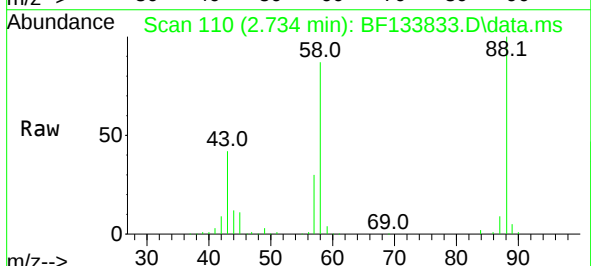
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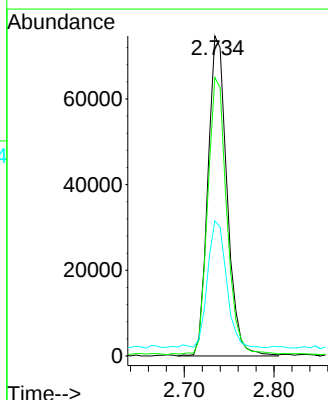
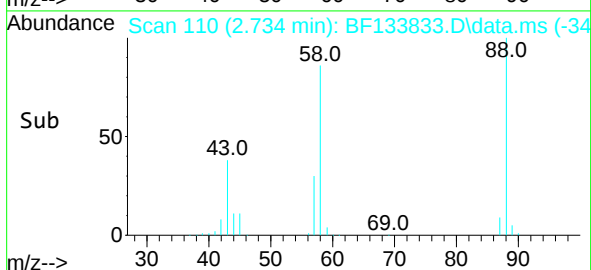
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

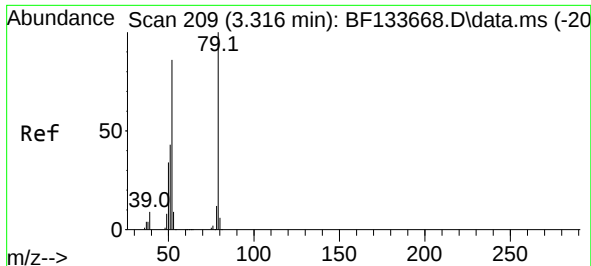


#2
1,4-Dioxane
Concen: 40.142 ng
RT: 2.734 min Scan# 110
Delta R.T. 0.094 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40



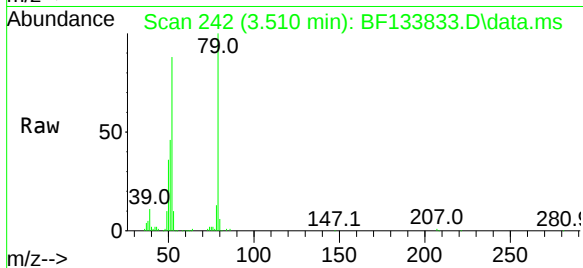
Tgt Ion: 88 Resp: 110506
Ion Ratio Lower Upper
88 100
58 87.1 67.8 101.6
43 39.3 29.8 44.6





#3
 Pyridine
 Concen: 28.969 ng
 RT: 3.510 min Scan# 24
 Delta R.T. 0.082 min
 Lab File: BF133833.D
 Acq: 19 Jun 2023 14:40

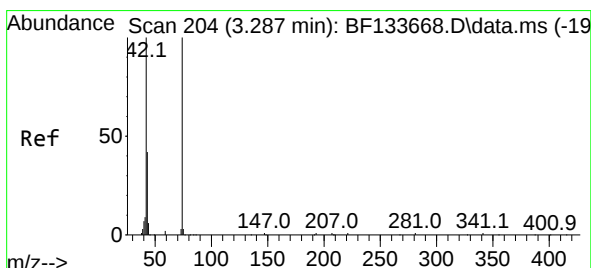
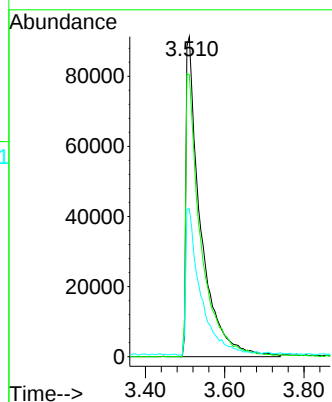
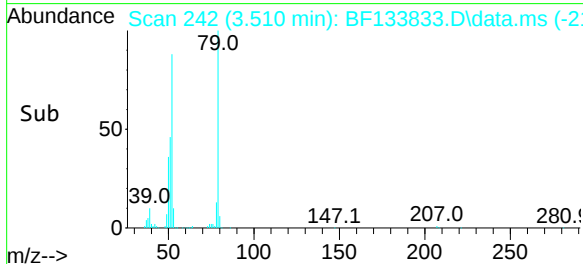
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 PB153490BS



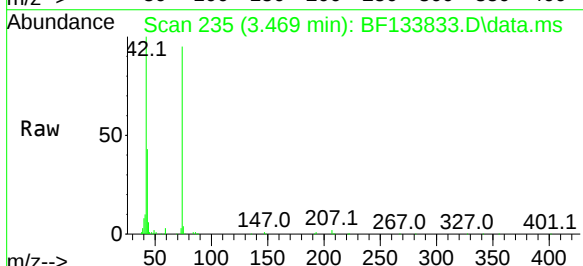
Tgt Ion: 79 Resp: 23244
 Ion Ratio Lower Upper
 79 100
 52 88.1 68.6 102.8
 51 46.2 34.8 52.2

Manual Integrations
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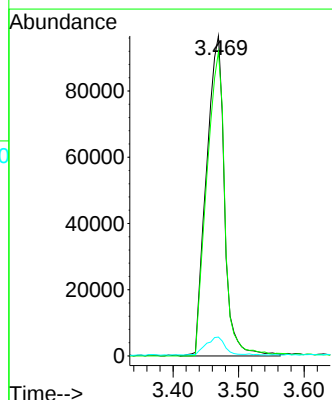
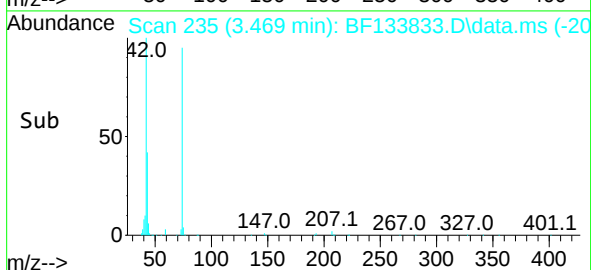
Reviewed By :Yogesh Patel 06/20/2023
 Supervised By :mohammad ahmed 06/20/2023



#4
 n-Nitrosodimethylamine
 Concen: 41.760 ng
 RT: 3.469 min Scan# 235
 Delta R.T. 0.082 min
 Lab File: BF133833.D
 Acq: 19 Jun 2023 14:40



Tgt Ion: 42 Resp: 185217
 Ion Ratio Lower Upper
 42 100
 74 95.1 79.8 119.8
 44 5.9 4.7 7.1





#5
2-Fluorophenol
Concen: 118.801 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40

Instrument :

BNA_F

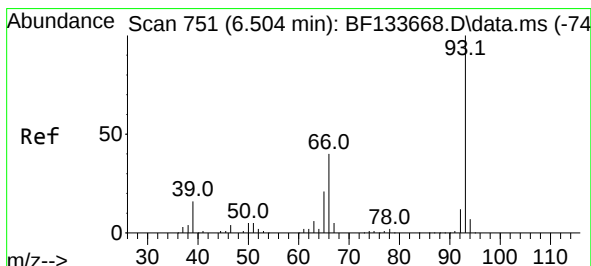
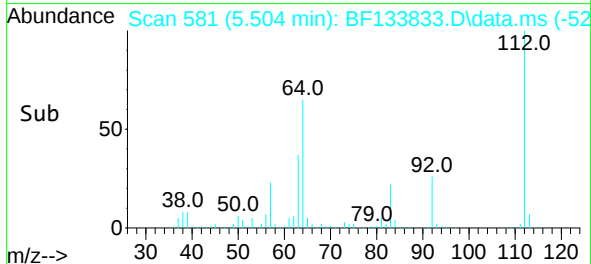
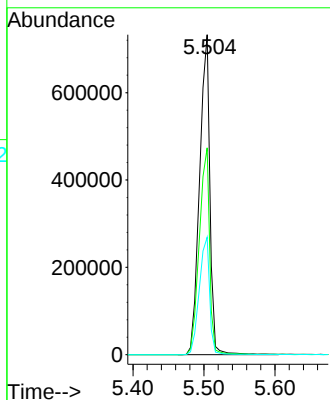
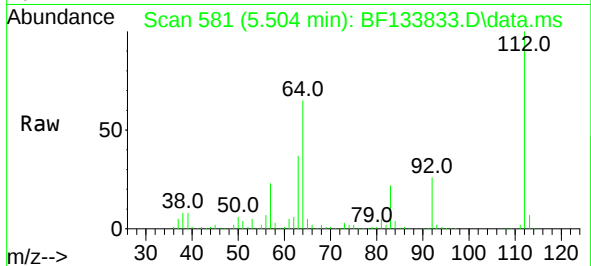
ClientSampleId :

PB153490BS

Tgt Ion:112 Resp: 74389
Ion Ratio Lower Upper
112 100
64 64.6 49.0 73.4
63 36.7 26.8 40.2

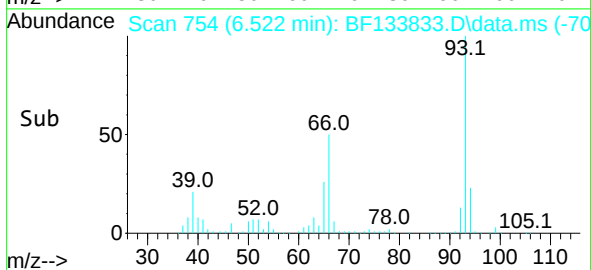
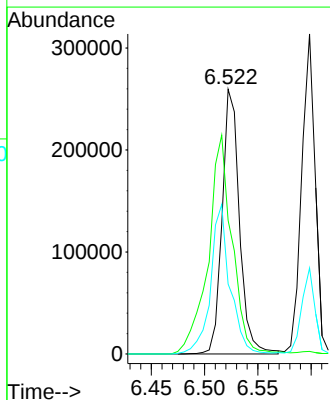
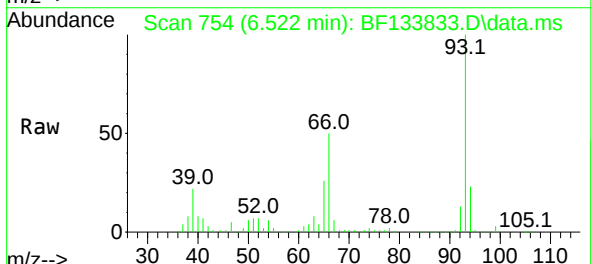
Manual Integrations
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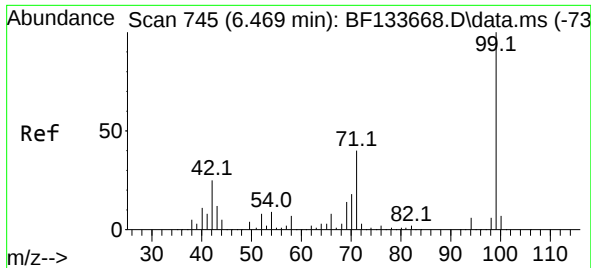
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#6
Aniline
Concen: 28.506 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40

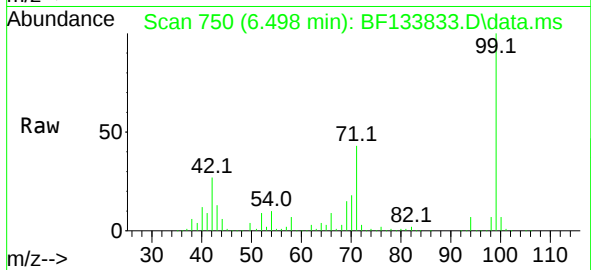
Tgt Ion: 93 Resp: 292640
Ion Ratio Lower Upper
93 100
66 50.5 34.4 51.6
65 26.4 17.5 26.3#





#7
Phenol-d6
Concen: 112.386 ng
RT: 6.498 min Scan# 715
Delta R.T. 0.000 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40

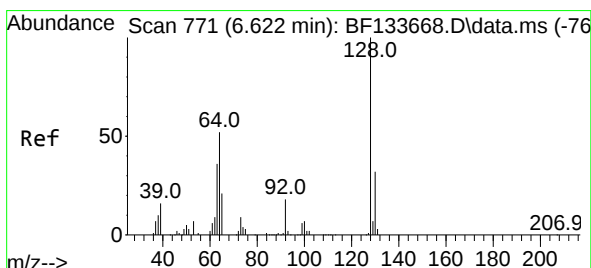
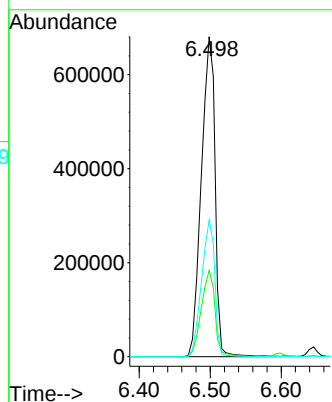
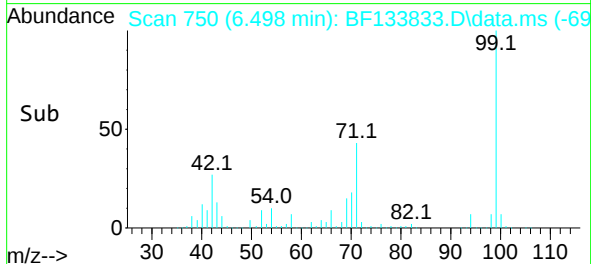
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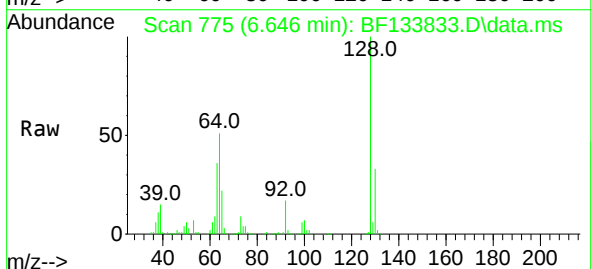
Tgt Ion: 99 Resp: 916009
Ion Ratio Lower Upper
99 100
42 26.9 19.9 29.9
71 42.7 32.2 48.4

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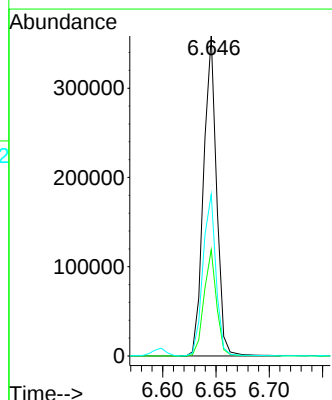
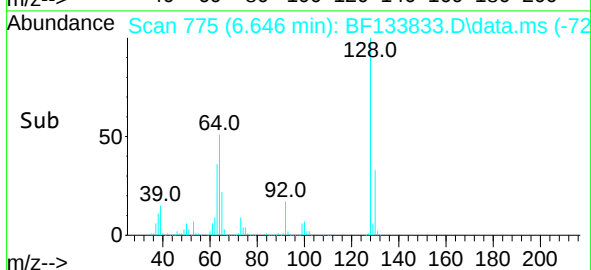
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#8
2-Chlorophenol
Concen: 46.414 ng
RT: 6.646 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40



Tgt Ion:128 Resp: 306277
Ion Ratio Lower Upper
128 100
130 33.2 12.3 52.3
64 50.5 33.1 73.1





#9

Benzaldehyde

Concen: 15.540 ng

RT: 6.410 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF133833.D

Acq: 19 Jun 2023 14:40

Instrument :

BNA_F

ClientSampleId :

PB153490BS

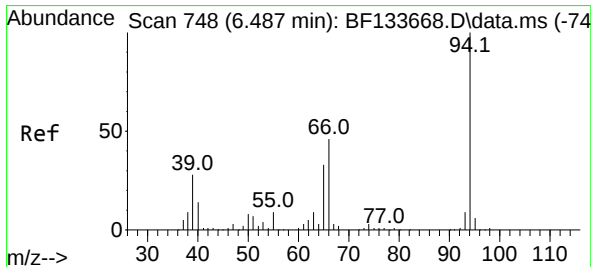
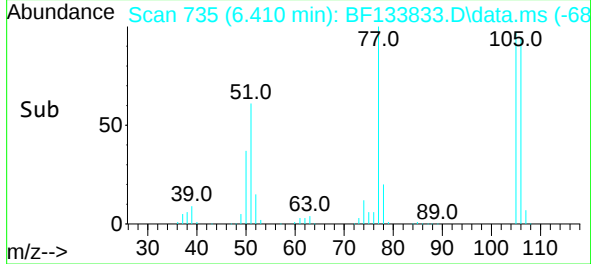
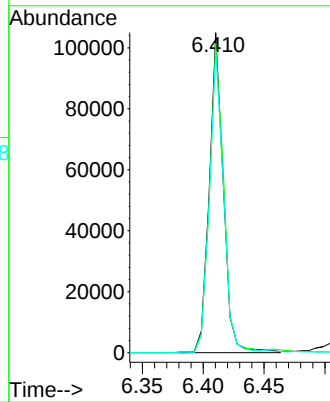
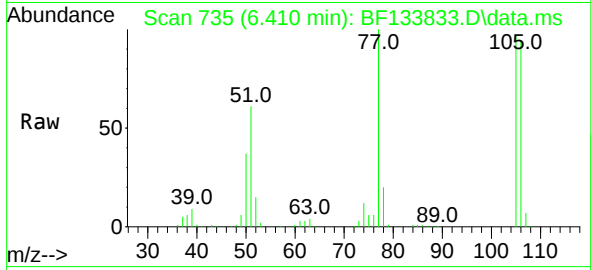
Tgt Ion: 77	Resp: 8403
Ion Ratio	Lower Upper
77 100	
105 96.6	82.0 122.0
106 94.3	77.6 117.6

Manual Integrations

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Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#10

Phenol

Concen: 42.636 ng

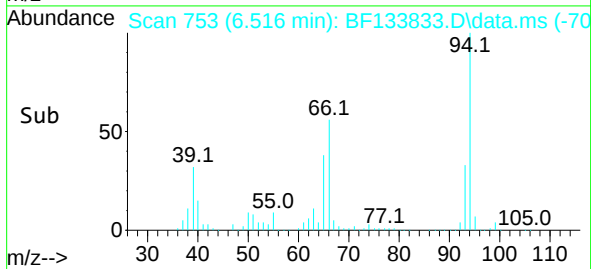
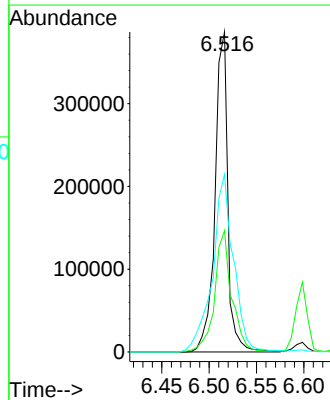
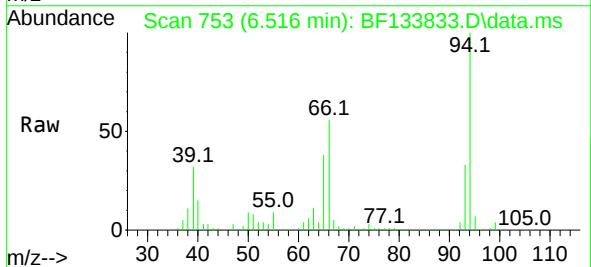
RT: 6.516 min Scan# 753

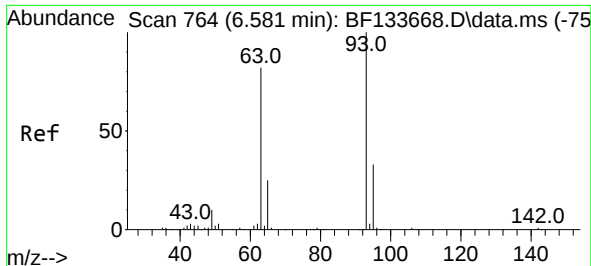
Delta R.T. 0.006 min

Lab File: BF133833.D

Acq: 19 Jun 2023 14:40

Tgt Ion: 94	Resp: 362869
Ion Ratio	Lower Upper
94 100	
65 37.9	13.2 53.2
66 55.5	26.1 66.1





#11
bis(2-Chloroethyl)ether
Concen: 43.121 ng
RT: 6.598 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40

Instrument :

BNA_F

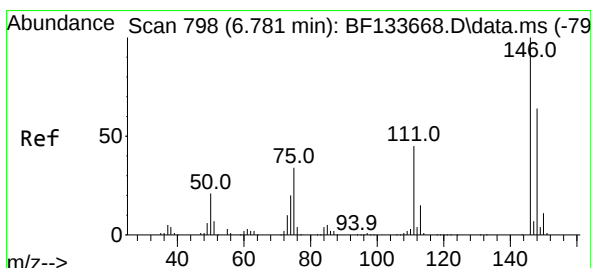
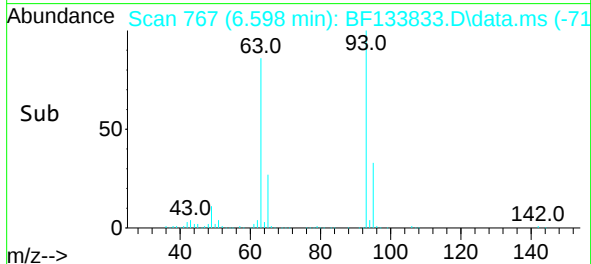
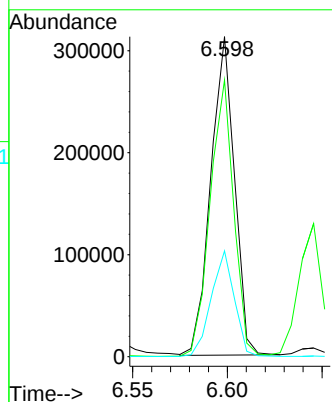
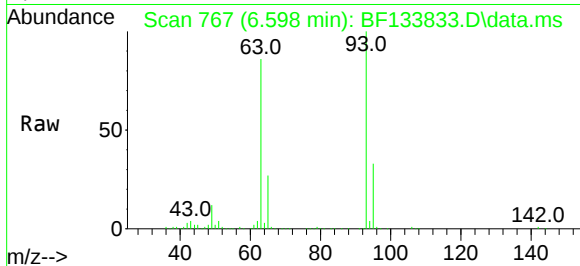
ClientSampleId :

PB153490BS

Tgt Ion: 93 Resp: 27245
Ion Ratio Lower Upper
93 100
63 86.5 62.1 102.1
95 33.0 13.0 53.0

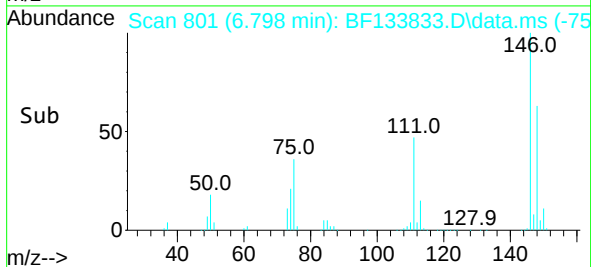
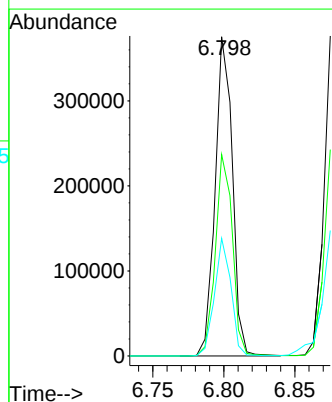
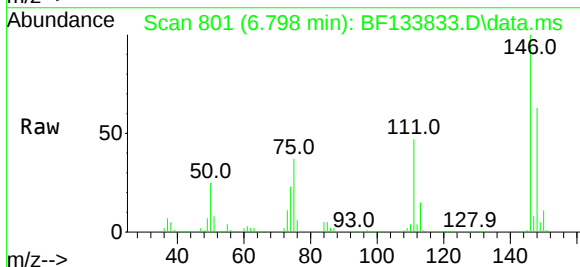
Manual Integrations
APPROVED

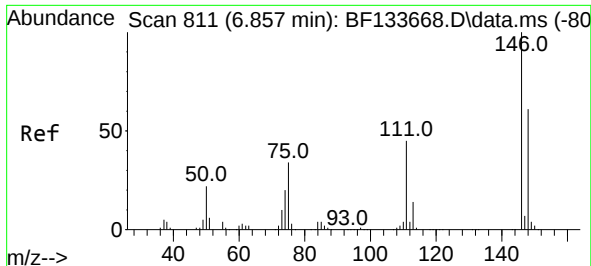
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#12
1,3-Dichlorobenzene
Concen: 45.024 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40

Tgt Ion:146 Resp: 317439
Ion Ratio Lower Upper
146 100
148 63.1 50.9 76.3
75 36.9 27.1 40.7





#13

1,4-Dichlorobenzene

Concen: 44.955 ng

RT: 6.875 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF133833.D

Acq: 19 Jun 2023 14:40

Instrument :

BNA_F

ClientSampleId :

PB153490BS

Tgt Ion:146 Resp: 320340

Ion Ratio Lower Upper

146 100

148 64.5 48.9 73.3

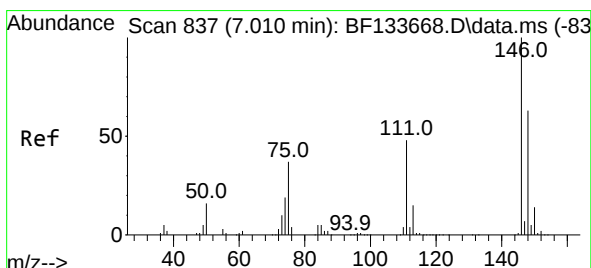
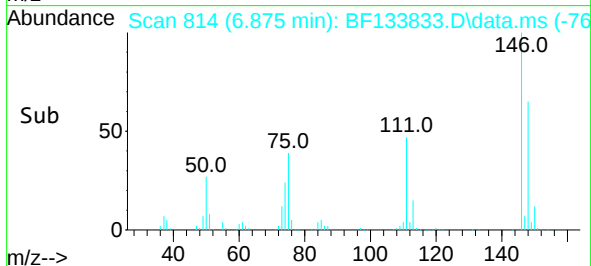
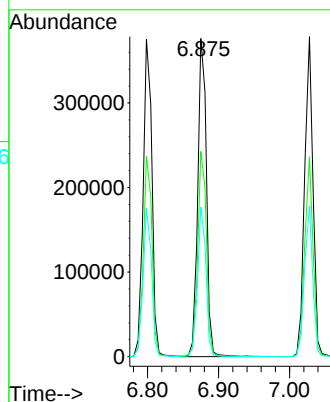
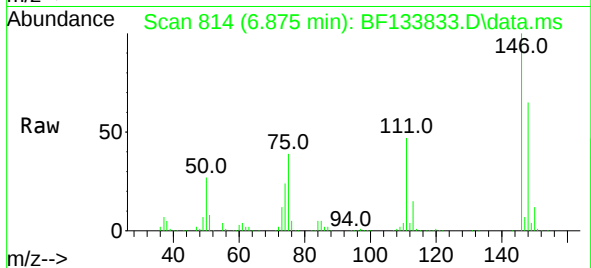
111 47.1 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#14

1,2-Dichlorobenzene

Concen: 47.728 ng

RT: 7.028 min Scan# 840

Delta R.T. -0.006 min

Lab File: BF133833.D

Acq: 19 Jun 2023 14:40

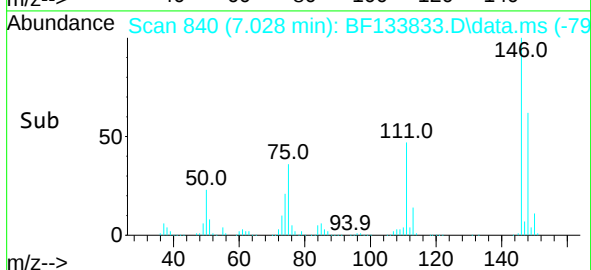
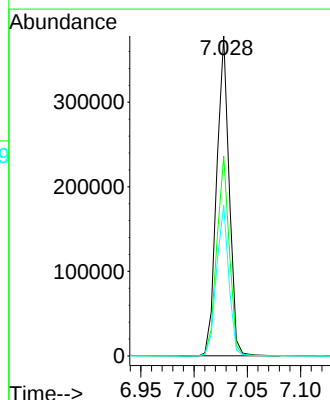
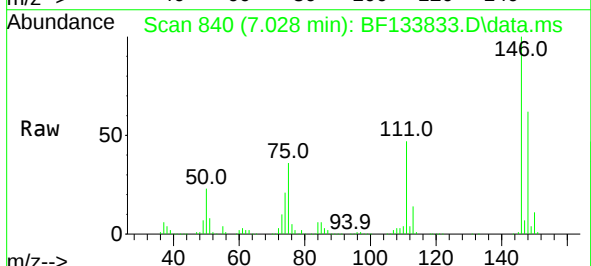
Tgt Ion:146 Resp: 307323

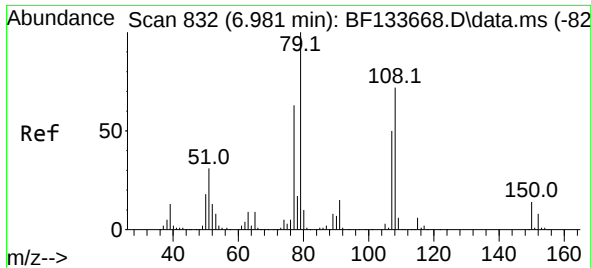
Ion Ratio Lower Upper

146 100

148 62.5 50.6 75.8

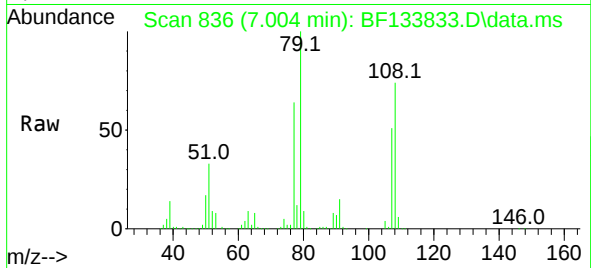
111 47.1 38.7 58.1





#15
Benzyl Alcohol
Concen: 43.448 ng
RT: 7.004 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40

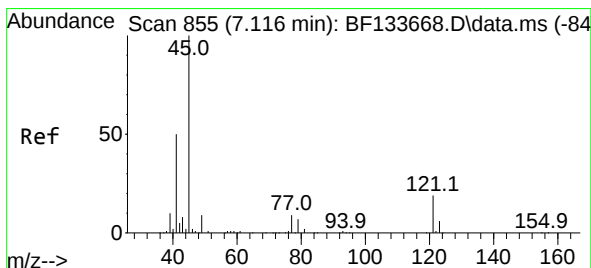
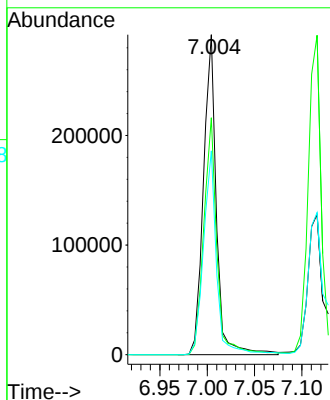
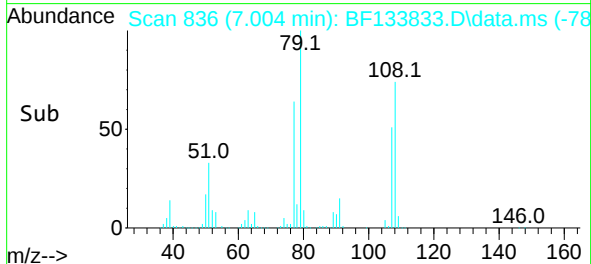
Instrument :
BNA_F
Client Sample Id :
PB153490BS



Tgt Ion: 79 Resp: 27658
Ion Ratio Lower Upper
79 100
108 74.1 57.9 86.9
77 63.7 50.4 75.6

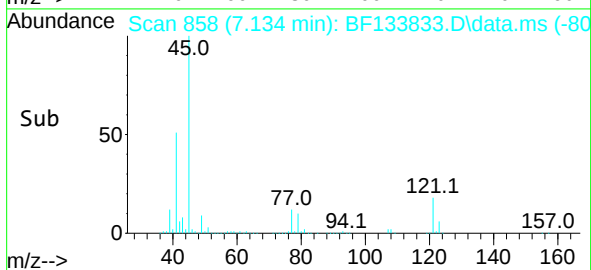
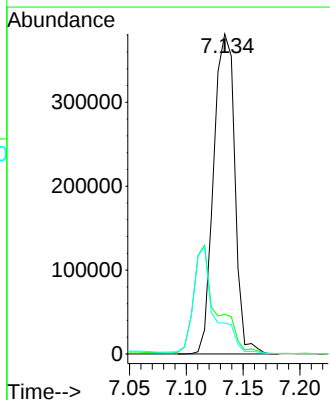
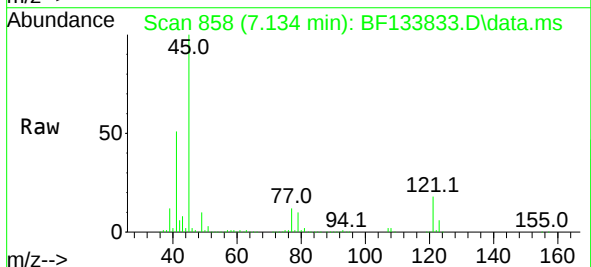
Manual Integrations
APPROVED

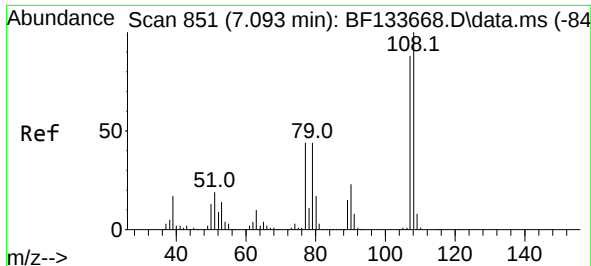
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.196 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40

Tgt Ion: 45 Resp: 494780
Ion Ratio Lower Upper
45 100
77 12.4 0.0 32.3
79 9.7 0.0 29.4





#17

2-Methylphenol

Concen: 43.273 ng

RT: 7.116 min Scan# 8

Delta R.T. 0.000 min

Lab File: BF133833.D

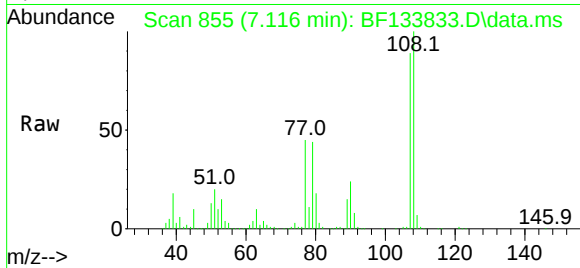
Acq: 19 Jun 2023 14:40

Instrument :

BNA_F

ClientSampleId :

PB153490BS



Tgt Ion:107 Resp: 253100

Ion Ratio Lower Upper

107 100

108 112.7 90.9 136.3

77 50.2 39.8 59.6

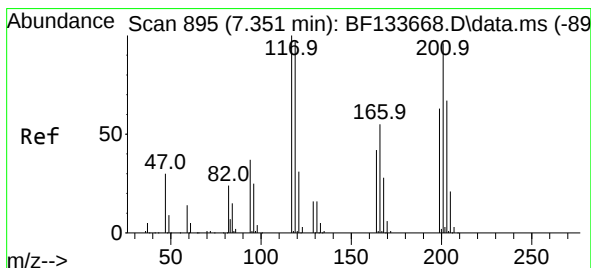
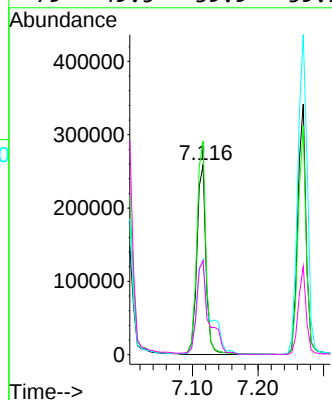
79 49.5 39.9 59.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#18

Hexachloroethane

Concen: 49.563 ng

RT: 7.369 min Scan# 898

Delta R.T. 0.000 min

Lab File: BF133833.D

Acq: 19 Jun 2023 14:40

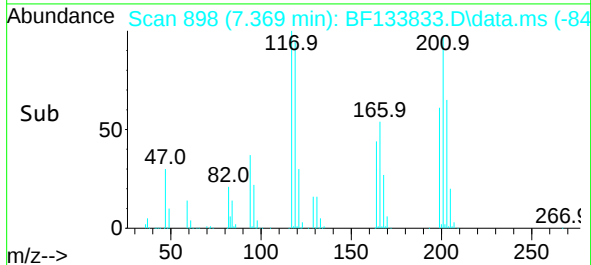
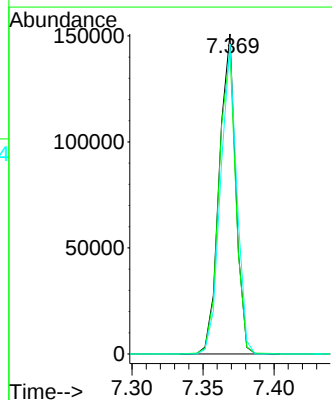
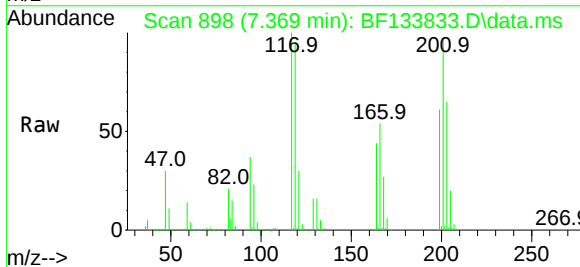
Tgt Ion:117 Resp: 120911

Ion Ratio Lower Upper

117 100

119 94.8 77.3 115.9

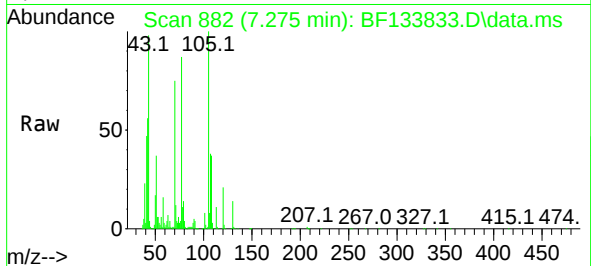
201 96.9 76.8 115.2





#19
n-Nitroso-di-n-propylamine
Concen: 42.566 ng
RT: 7.275 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40

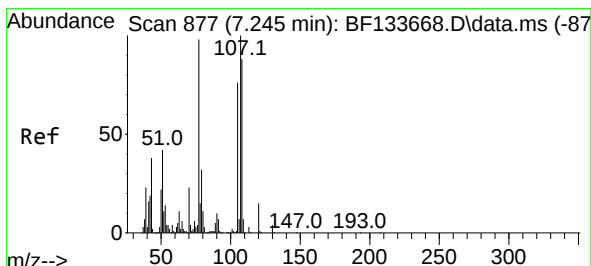
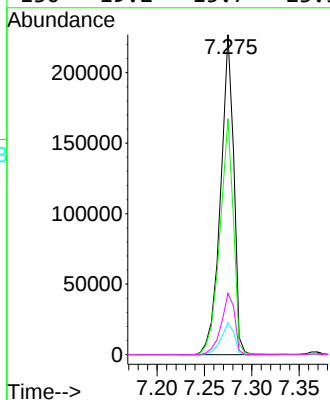
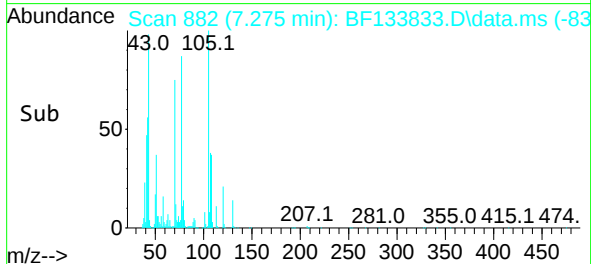
Instrument :
BNA_F
ClientSampleId :
PB153490BS



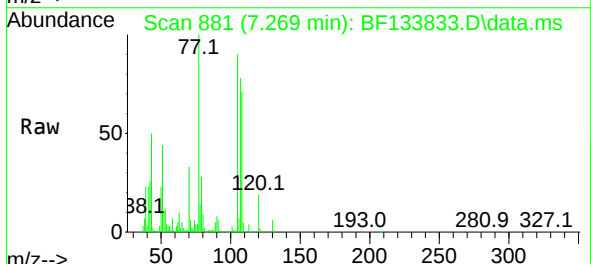
Tgt Ion: 70 Resp: 220730
Ion Ratio Lower Upper
70 100
42 73.7 55.8 83.8
101 10.0 8.1 12.1
130 19.2 15.7 23.5

Manual Integrations
APPROVED

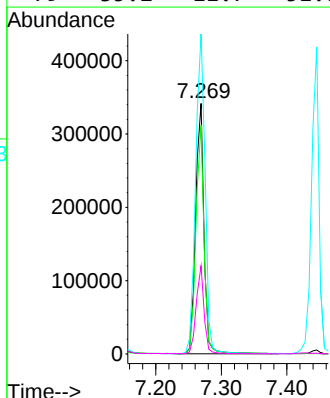
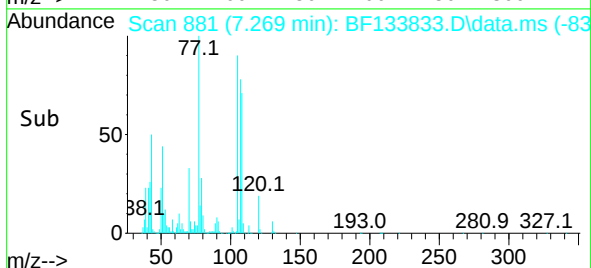
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

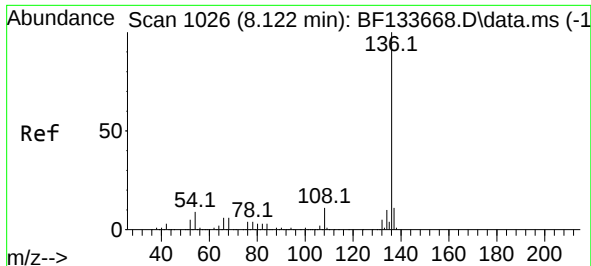


#20
3+4-Methylphenols
Concen: 39.772 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40



Tgt Ion:107 Resp: 302610
Ion Ratio Lower Upper
107 100
108 91.3 67.9 107.9
77 127.7 77.7 117.7#
79 35.2 11.7 51.7





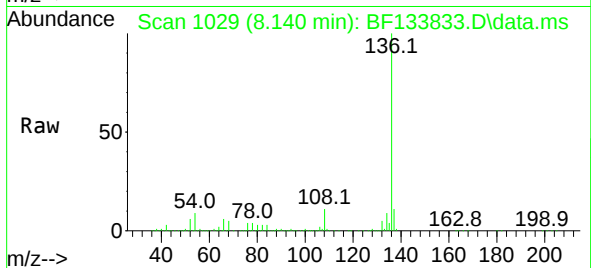
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40

Instrument :

BNA_F

ClientSampleId :

PB153490BS

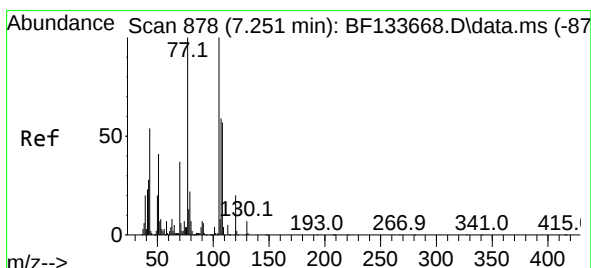
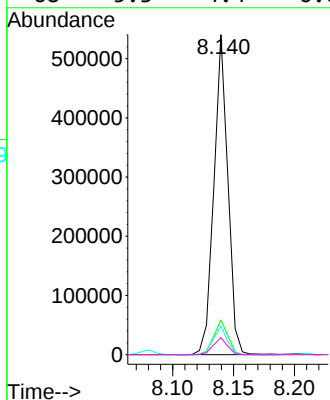
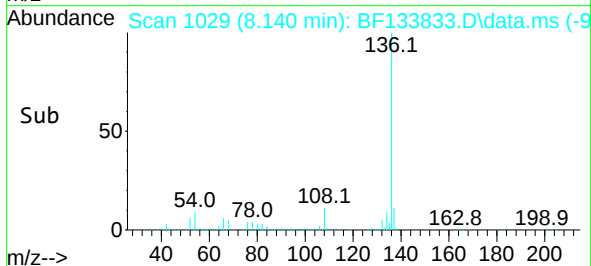


Tgt Ion:136 Resp: 433161
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.9 7.4 11.0
68 5.3 4.4 6.6

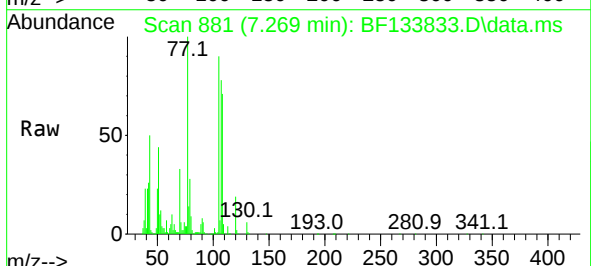
Manual Integrations

APPROVED

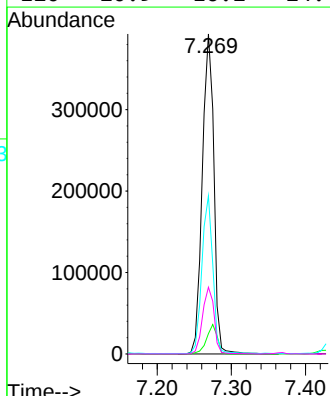
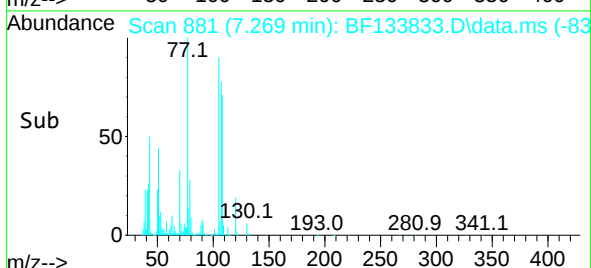
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

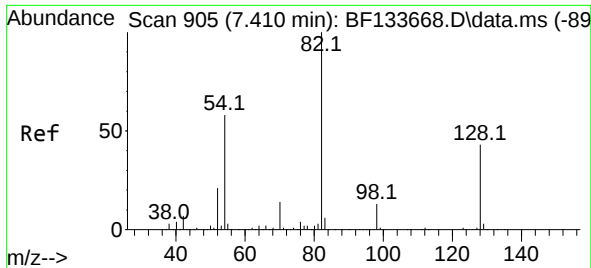


#22
Acetophenone
Concen: 42.988 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40



Tgt Ion:105 Resp: 427079
Ion Ratio Lower Upper
105 100
71 6.4 4.8 7.2
51 49.4 33.0 49.4
120 20.9 16.2 24.4





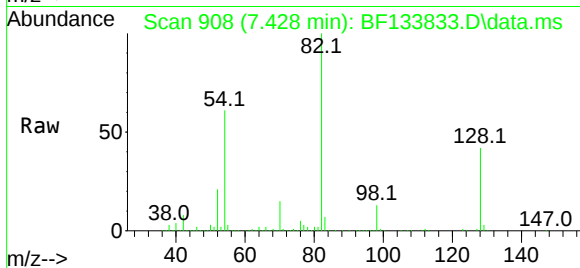
#23
Nitrobenzene-d5
Concen: 79.465 ng
RT: 7.428 min Scan# 905
Delta R.T. 0.000 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40

Instrument :

BNA_F

ClientSampleId :

PB153490BS

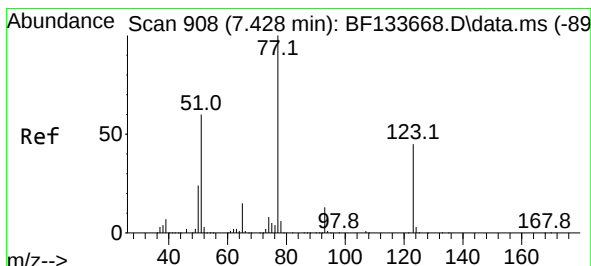
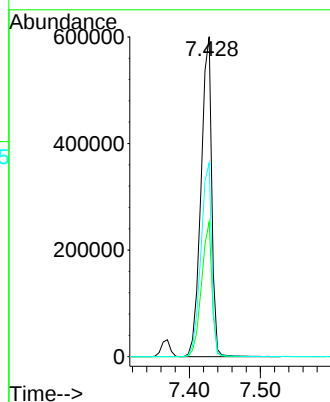
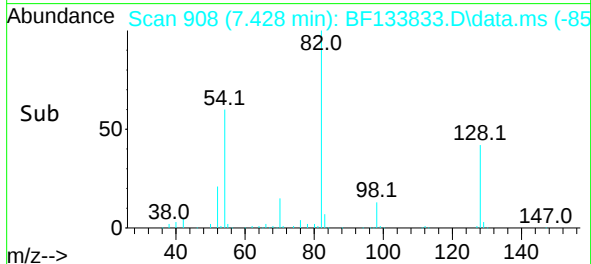


Tgt Ion: 82 Resp: 63197
Ion Ratio Lower Upper
82 100
128 42.1 34.2 51.2
54 60.6 46.5 69.7

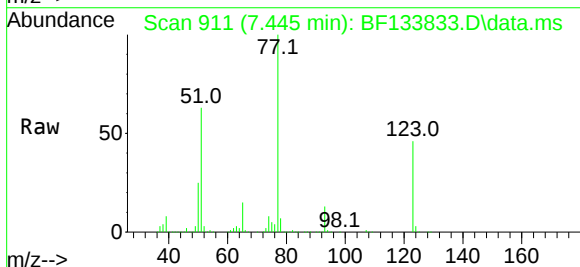
Manual Integrations

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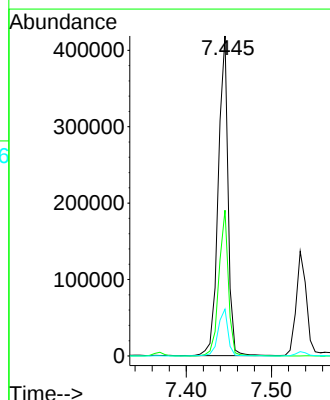
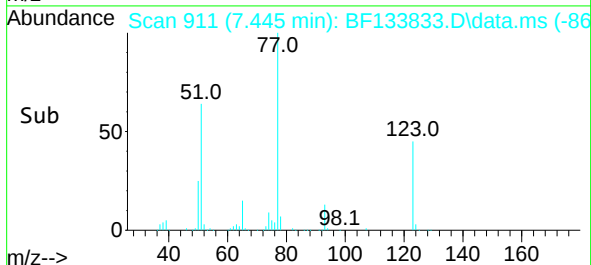
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#24
Nitrobenzene
Concen: 41.611 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40



Tgt Ion: 77 Resp: 333220
Ion Ratio Lower Upper
77 100
123 45.5 35.8 53.8
65 14.6 11.6 17.4





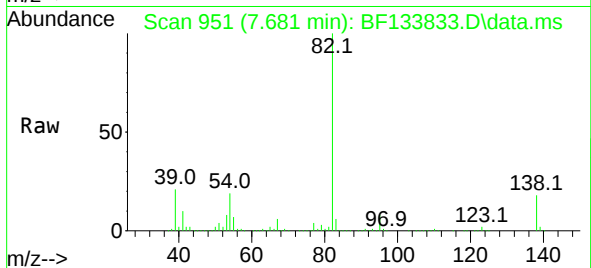
#25
Isophorone
Concen: 41.452 ng
RT: 7.681 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40

Instrument :

BNA_F

ClientSampleId :

PB153490BS

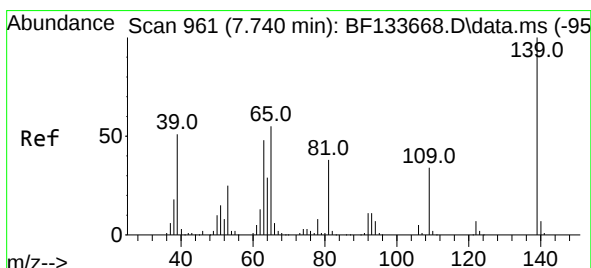
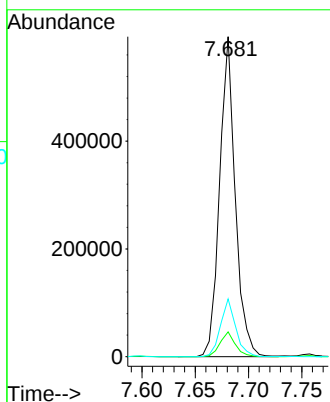
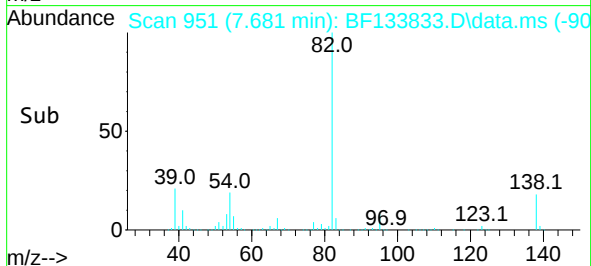


Tgt Ion: 82 Resp: 60521
Ion Ratio Lower Upper
82 100
95 7.7 6.0 9.0
138 18.0 14.2 21.2

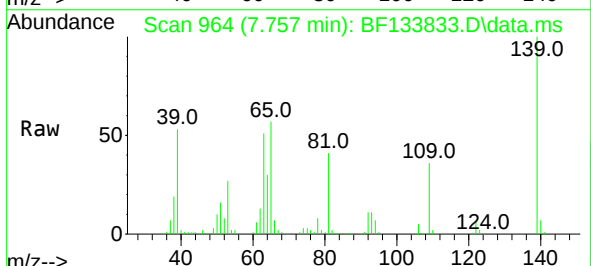
Manual Integrations

APPROVED

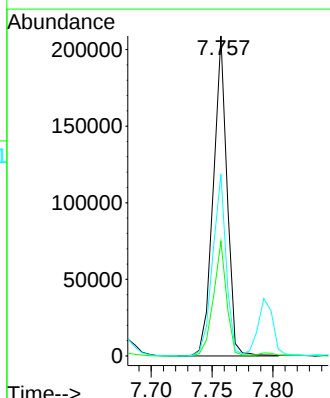
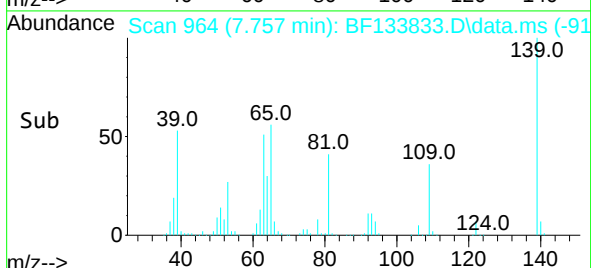
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

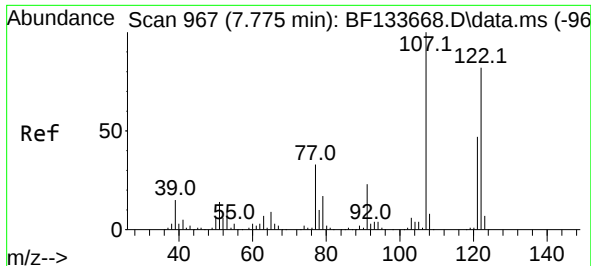


#26
2-Nitrophenol
Concen: 45.729 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40



Tgt Ion:139 Resp: 164346
Ion Ratio Lower Upper
139 100
109 35.8 27.0 40.6
65 56.7 44.2 66.4





#27
2,4-Dimethylphenol
Concen: 43.818 ng
RT: 7.793 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40

Instrument :

BNA_F

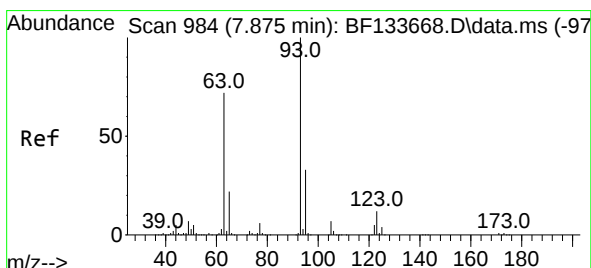
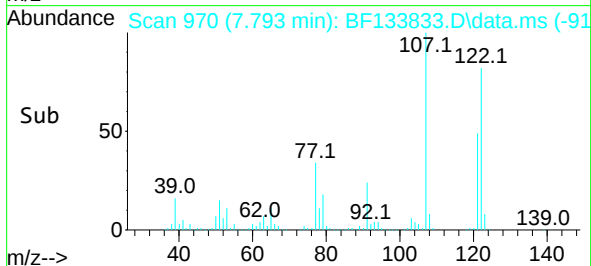
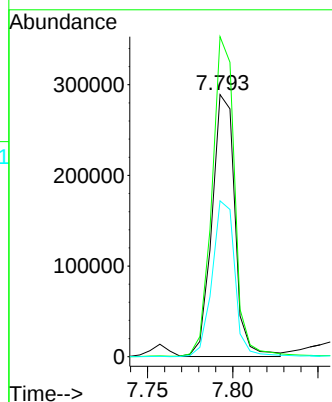
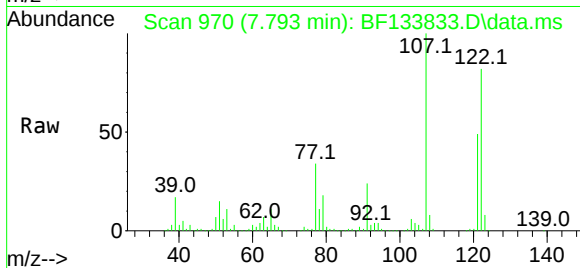
ClientSampleId :

PB153490BS

Tgt Ion:122 Resp: 271428
Ion Ratio Lower Upper
122 100
107 122.1 97.8 146.6
121 59.5 46.1 69.1

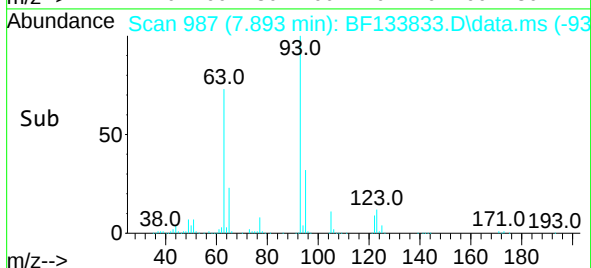
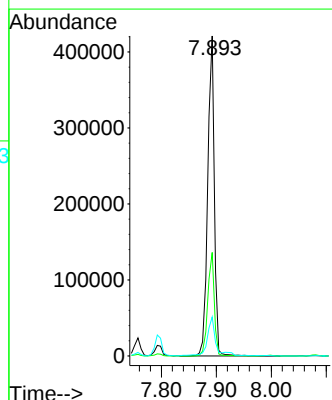
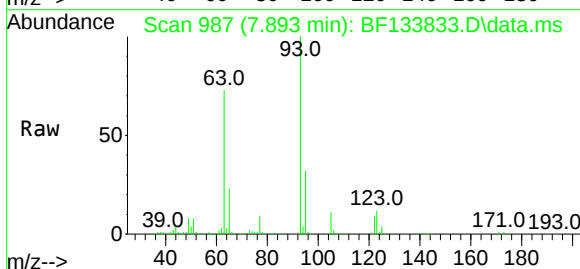
Manual Integrations
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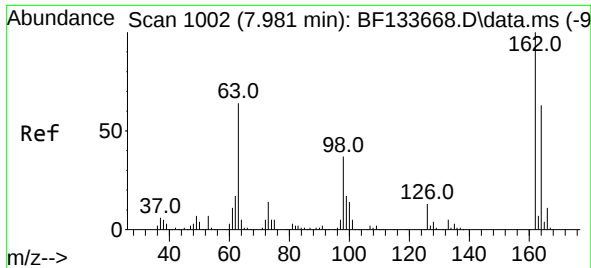
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#28
bis(2-Chloroethoxy)methane
Concen: 41.528 ng
RT: 7.893 min Scan# 987
Delta R.T. 0.000 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40

Tgt Ion: 93 Resp: 350430
Ion Ratio Lower Upper
93 100
95 32.4 26.4 39.6
123 12.2 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 42.532 ng

RT: 7.998 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF133833.D

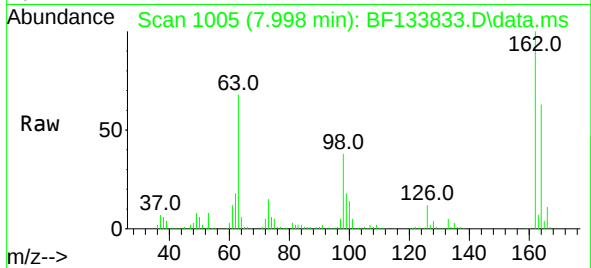
Acq: 19 Jun 2023 14:40

Instrument :

BNA_F

ClientSampleId :

PB153490BS



Tgt Ion:162 Resp: 258214

Ion Ratio Lower Upper

162 100

164 62.7 43.4 83.4

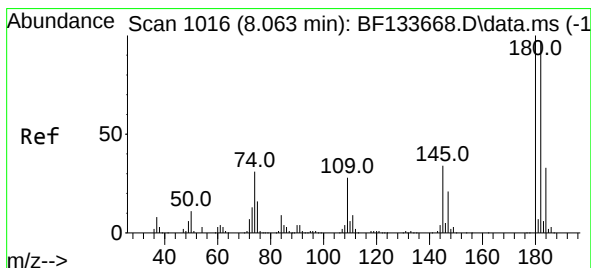
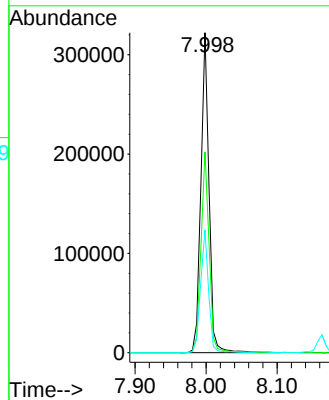
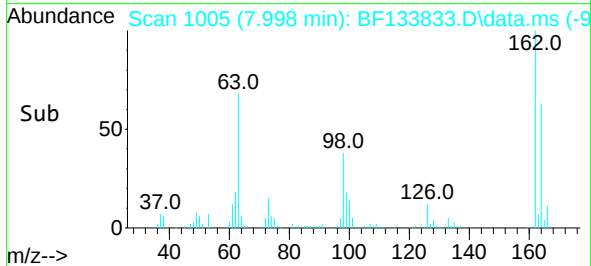
98 38.4 17.4 57.4

Manual Integrations

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Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.010 ng

RT: 8.081 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF133833.D

Acq: 19 Jun 2023 14:40

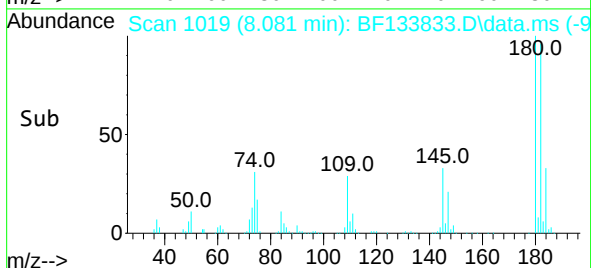
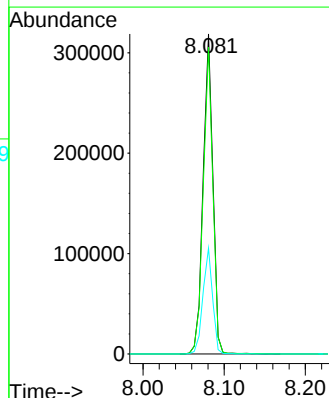
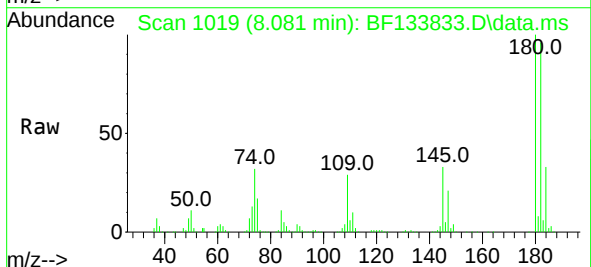
Tgt Ion:180 Resp: 266093

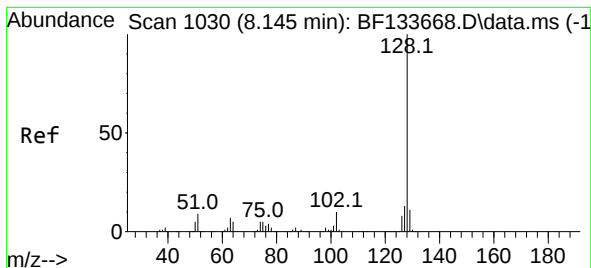
Ion Ratio Lower Upper

180 100

182 95.9 77.8 116.8

145 33.1 27.0 40.4





#31

Naphthalene

Concen: 40.273 ng

RT: 8.163 min Scan# 1030

Delta R.T. 0.000 min

Lab File: BF133833.D

Acq: 19 Jun 2023 14:40

Instrument :

BNA_F

ClientSampleId :

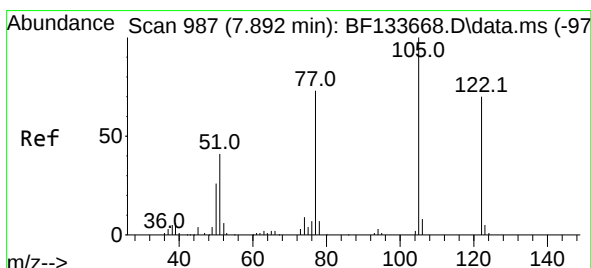
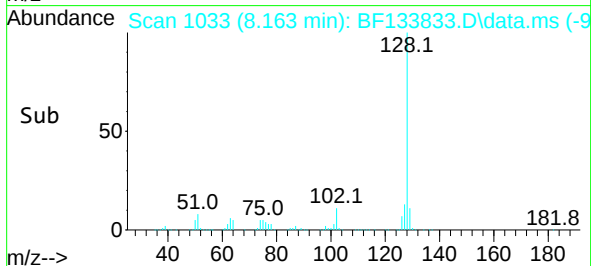
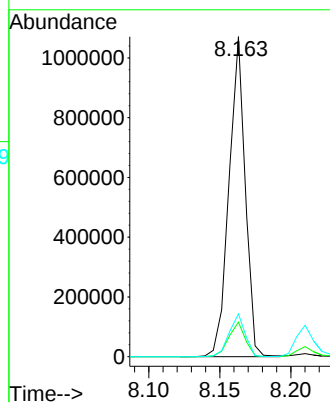
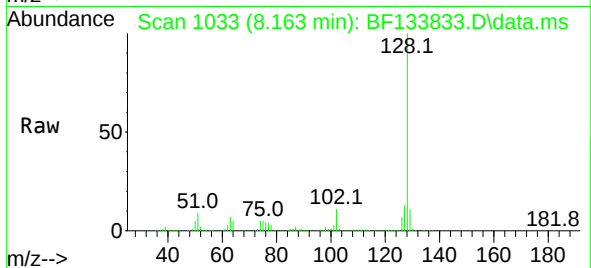
PB153490BS

Tgt Ion:128 Resp: 849915
 Ion Ratio Lower Upper
 128 100
 129 10.8 8.9 13.3
 127 13.4 10.5 15.7

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Reviewed By :Yogesh Patel 06/20/2023
 Supervised By :mohammad ahmed 06/20/2023



#32

Benzoic acid

Concen: 53.054 ng

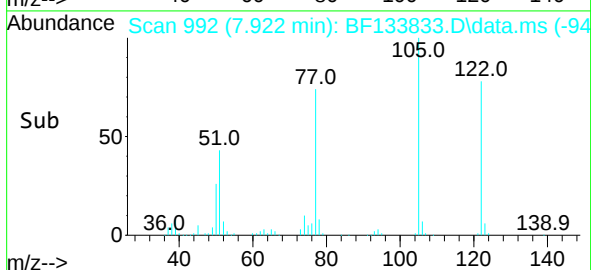
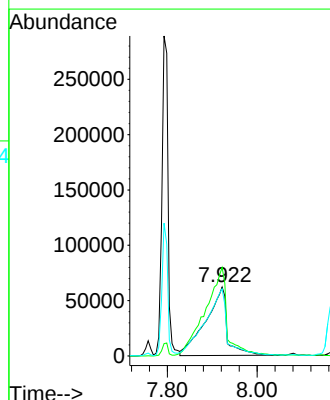
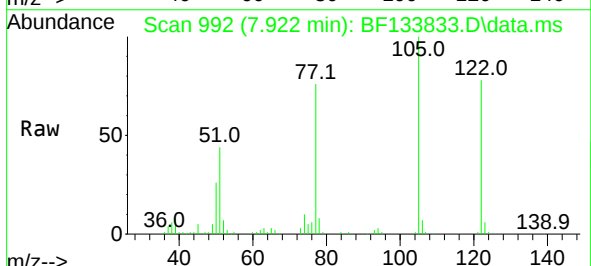
RT: 7.922 min Scan# 992

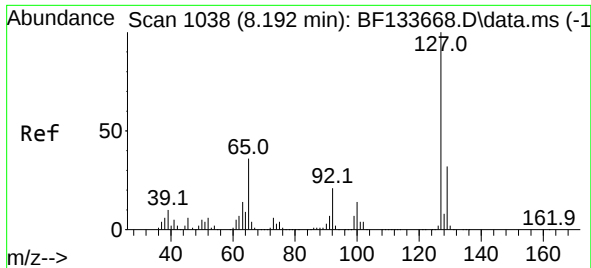
Delta R.T. 0.006 min

Lab File: BF133833.D

Acq: 19 Jun 2023 14:40

Tgt Ion:122 Resp: 207267
 Ion Ratio Lower Upper
 122 100
 105 128.2 116.3 156.3
 77 97.4 82.4 122.4





#33
4-Chloroaniline
Concen: 10.998 ng
RT: 8.210 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40

Instrument :

BNA_F

ClientSampleId :

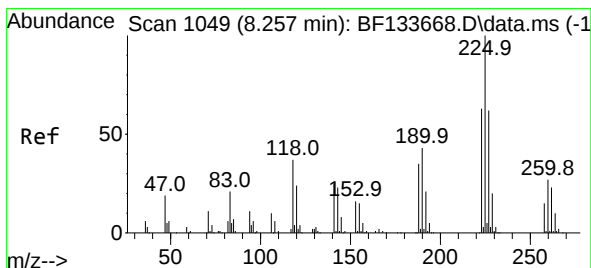
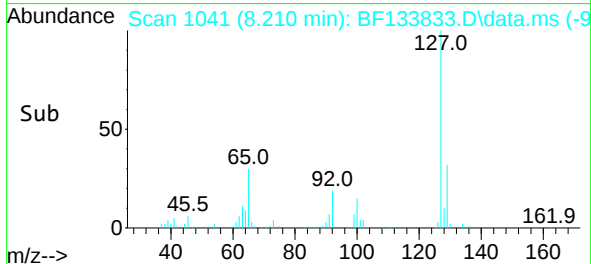
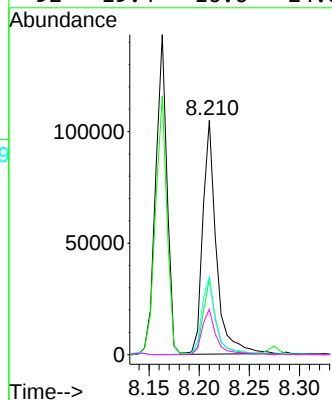
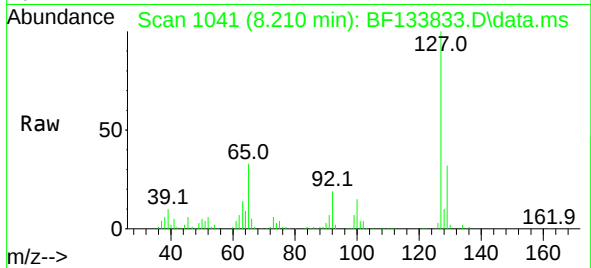
PB153490BS

Tgt Ion:127 Resp: 9924
Ion Ratio Lower Upper
127 100
129 32.3 25.6 38.4
65 33.2 28.9 43.3
92 19.4 16.6 24.8

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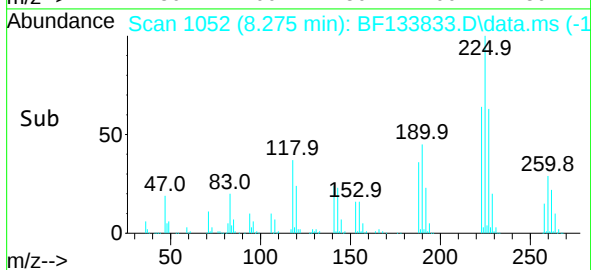
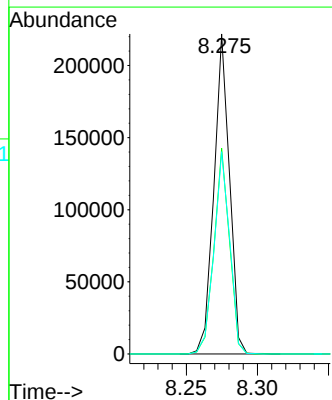
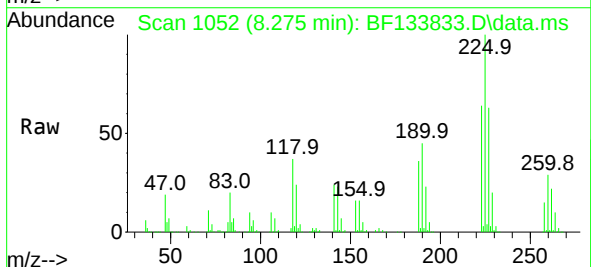
APPROVED

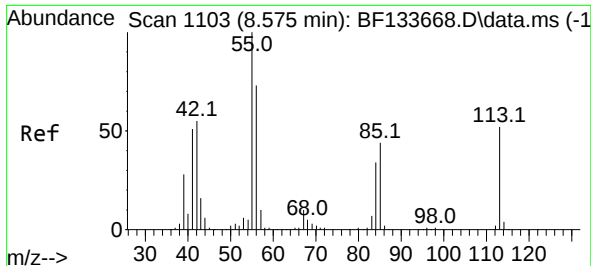
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#34
Hexachlorobutadiene
Concen: 40.769 ng
RT: 8.275 min Scan# 1052
Delta R.T. 0.000 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40

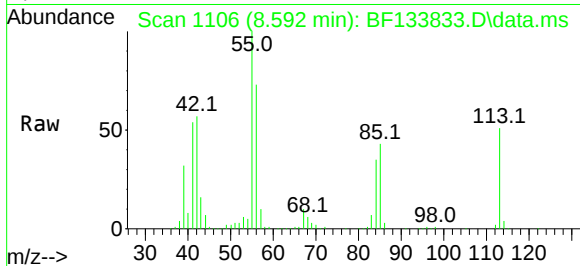
Tgt Ion:225 Resp: 169071
Ion Ratio Lower Upper
225 100
223 64.3 50.2 75.4
227 63.2 49.5 74.3





#35
Caprolactam
Concen: 42.777 ng m
RT: 8.592 min Scan# 1106
Delta R.T. 0.000 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40

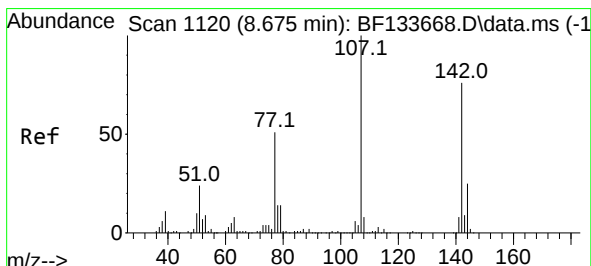
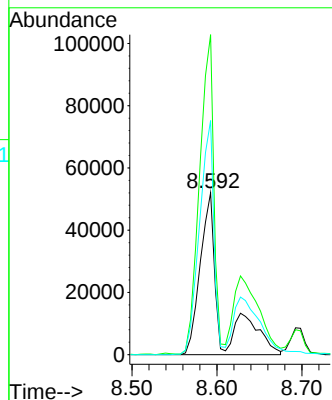
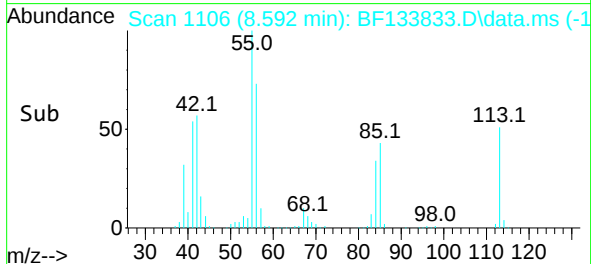
Instrument :
BNA_F
ClientSampleId :
PB153490BS



Tgt Ion:113 Resp: 8738
Ion Ratio Lower Upper
113 100
55 197.7 173.3 213.3
56 144.6 120.5 160.5

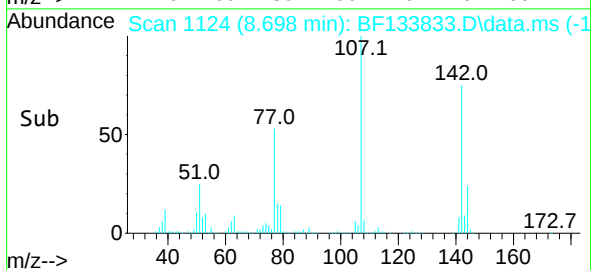
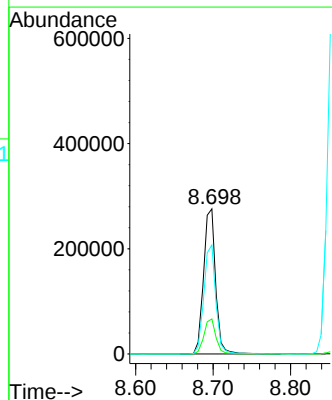
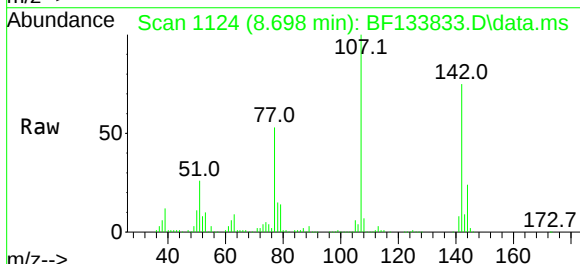
Manual Integrations
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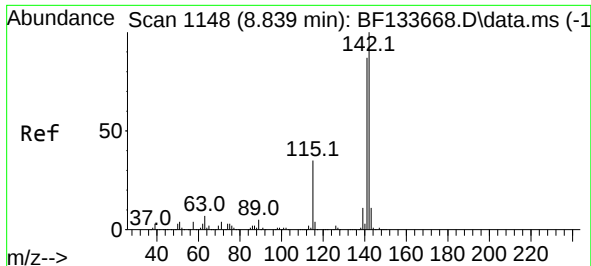
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#36
4-Chloro-3-methylphenol
Concen: 42.585 ng
RT: 8.698 min Scan# 1124
Delta R.T. 0.006 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40

Tgt Ion:107 Resp: 298000
Ion Ratio Lower Upper
107 100
144 24.2 19.7 29.5
142 75.1 61.1 91.7





#37
2-Methylnaphthalene
Concen: 39.508 ng
RT: 8.857 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40

Instrument :

BNA_F

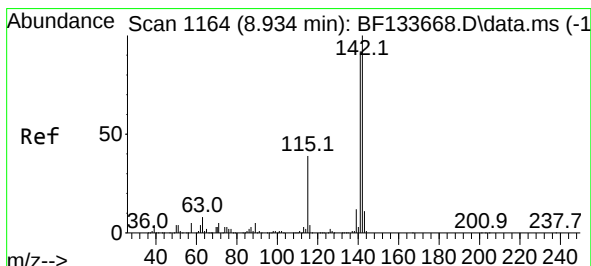
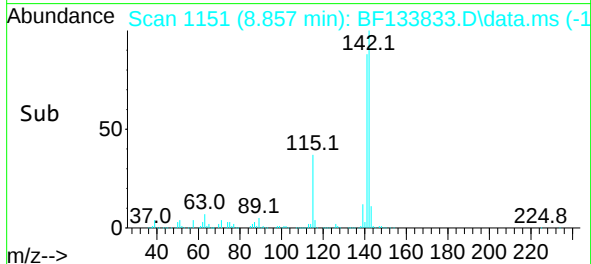
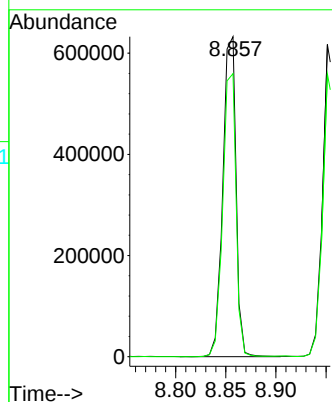
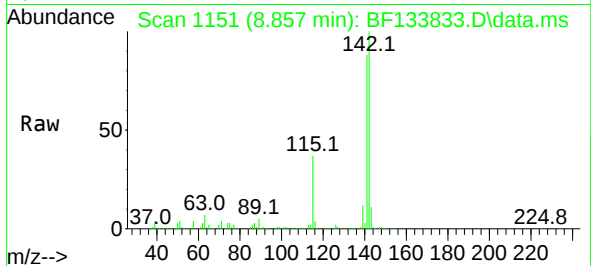
ClientSampleId :

PB153490BS

Tgt Ion:142 Resp: 57931
Ion Ratio Lower Upper
142 100
141 88.4 69.8 104.8

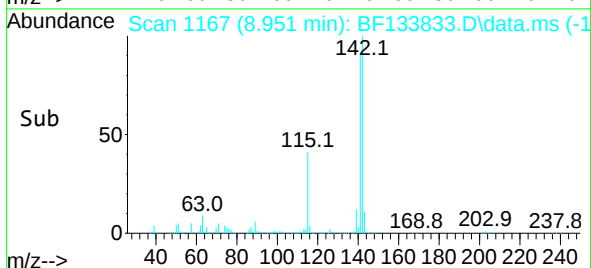
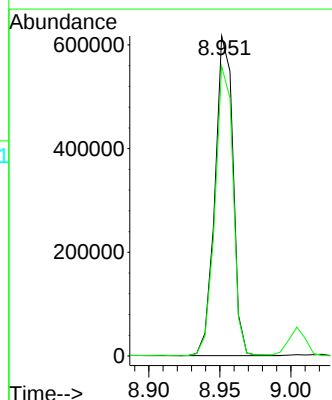
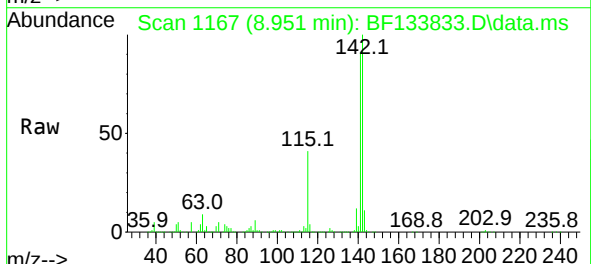
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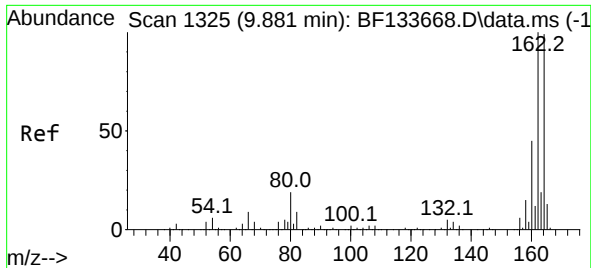
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#38
1-Methylnaphthalene
Concen: 40.402 ng
RT: 8.951 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40

Tgt Ion:142 Resp: 545146
Ion Ratio Lower Upper
142 100
141 90.6 73.4 110.0





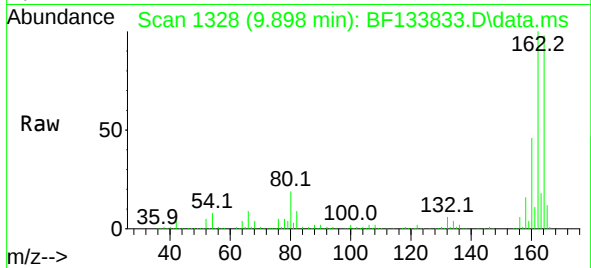
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40

Instrument :

BNA_F

ClientSampleId :

PB153490BS

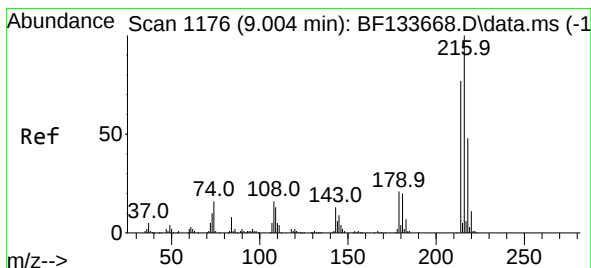
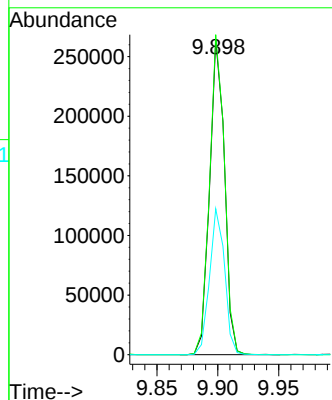


Tgt Ion:164 Resp: 224420
Ion Ratio Lower Upper
164 100
162 101.6 80.8 121.2
160 46.3 36.7 55.1

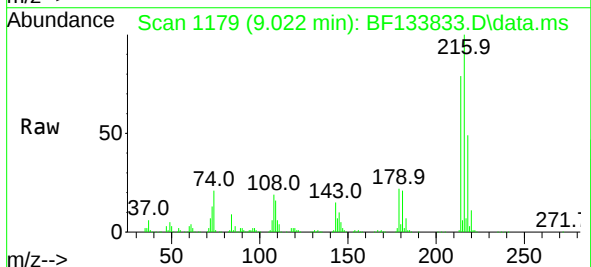
Manual Integrations

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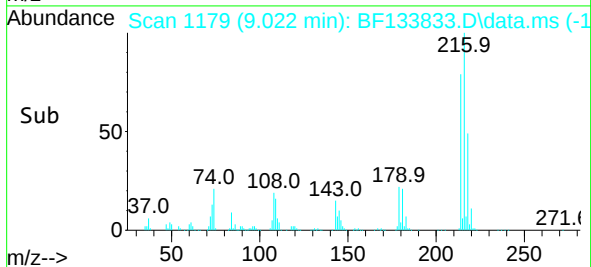
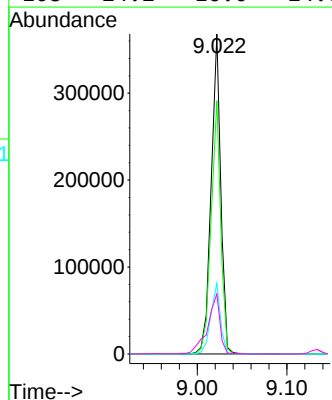
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.160 ng
RT: 9.022 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40



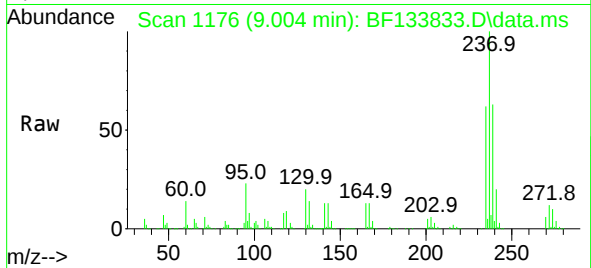
Tgt Ion:216 Resp: 274000
Ion Ratio Lower Upper
216 100
214 79.0 62.7 94.1
179 22.2 17.6 26.4
108 24.2 16.0 24.0#





#41
Hexachlorocyclopentadiene
Concen: 117.703 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40

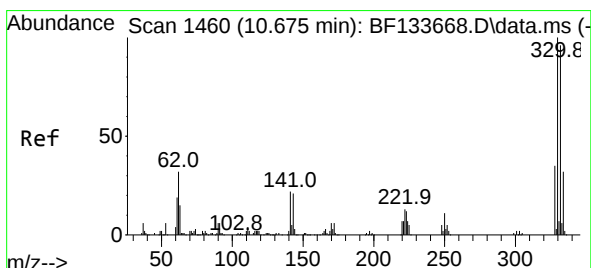
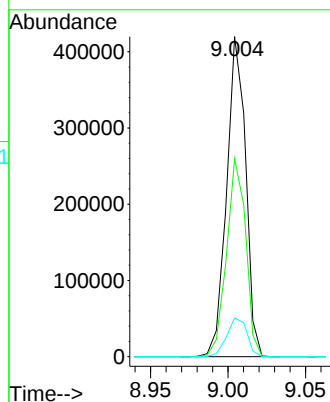
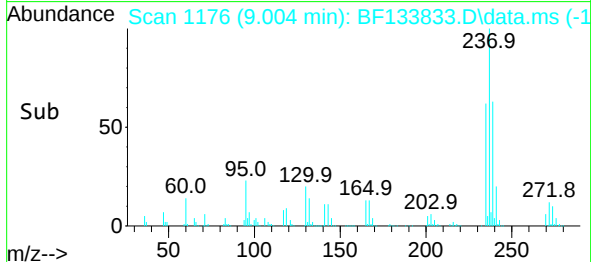
Instrument :
BNA_F
ClientSampleId :
PB153490BS



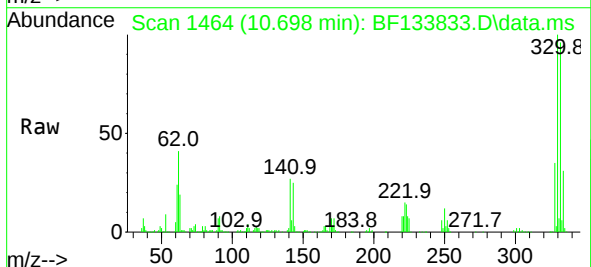
Tgt Ion: 237 Resp: 35786
Ion Ratio Lower Upper
237 100
235 61.9 40.6 80.6
272 12.1 0.0 32.6

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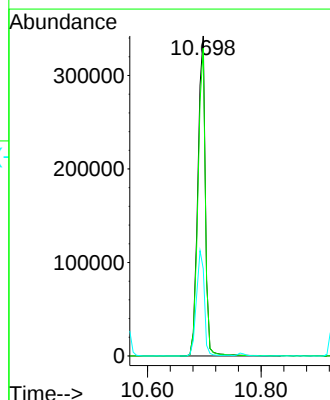
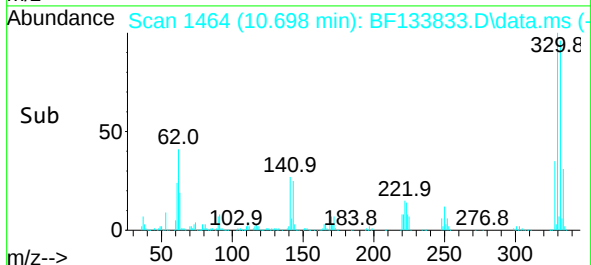
Reviewed By : Yogesh Patel 06/20/2023
Supervised By : mohammad ahmed 06/20/2023

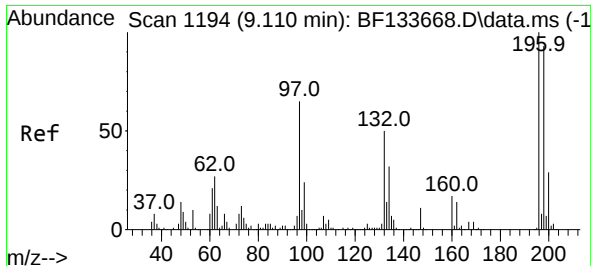


#42
2,4,6-Tribromophenol
Concen: 111.507 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40



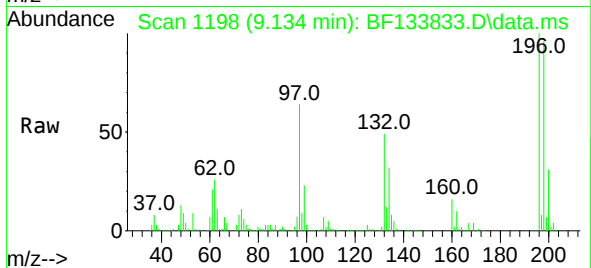
Tgt Ion: 330 Resp: 316772
Ion Ratio Lower Upper
330 100
332 94.8 77.2 115.8
141 34.4 24.9 37.3





#43
2,4,6-Trichlorophenol
Concen: 41.874 ng
RT: 9.134 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40

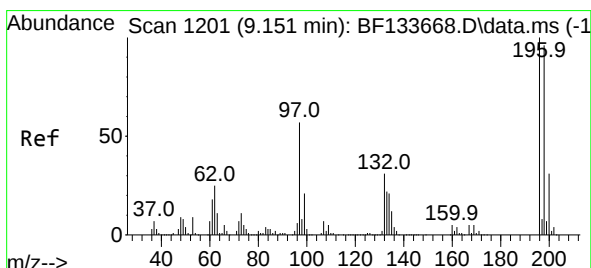
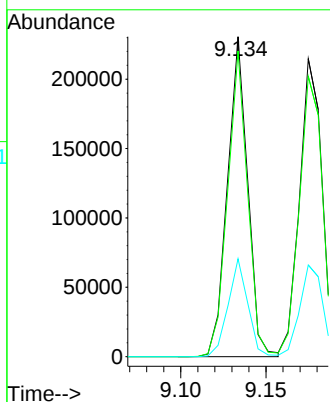
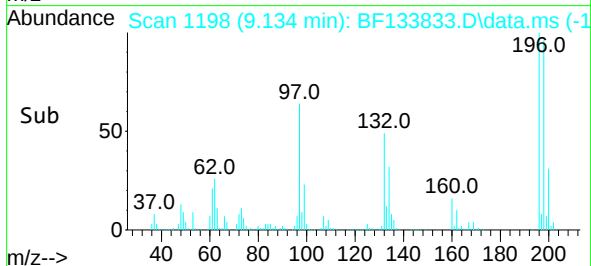
Instrument :
BNA_F
ClientSampleId :
PB153490BS



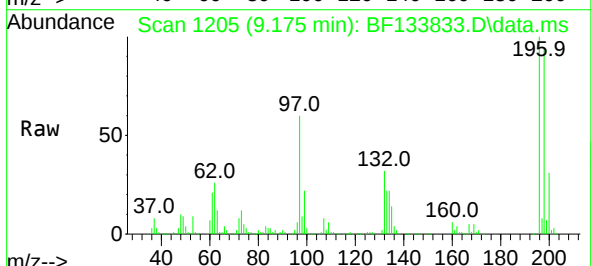
Tgt Ion:196 Resp: 19091
Ion Ratio Lower Upper
196 100
198 95.5 74.5 111.7
200 30.6 22.9 34.3

Manual Integrations
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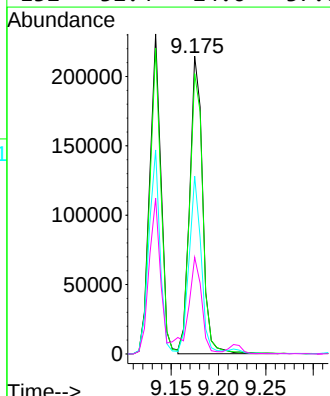
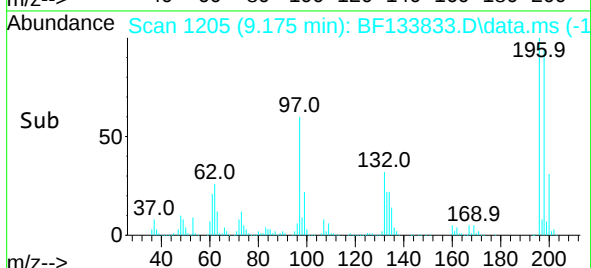
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

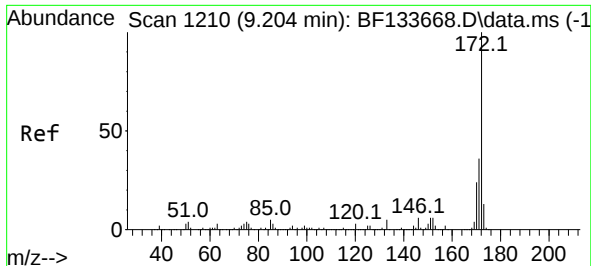


#44
2,4,5-Trichlorophenol
Concen: 38.465 ng
RT: 9.175 min Scan# 1205
Delta R.T. 0.000 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40



Tgt Ion:196 Resp: 204025
Ion Ratio Lower Upper
196 100
198 94.1 76.8 115.2
97 59.7 45.4 68.2
132 32.4 24.6 37.0





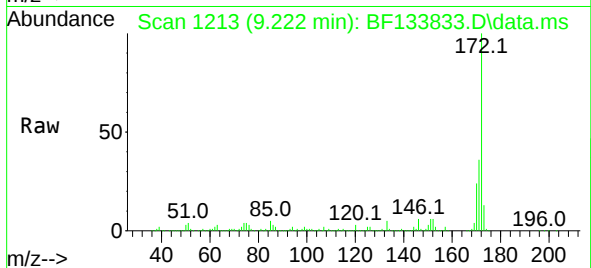
#45
2-Fluorobiphenyl
Concen: 74.544 ng
RT: 9.222 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40

Instrument :

BNA_F

ClientSampleId :

PB153490BS

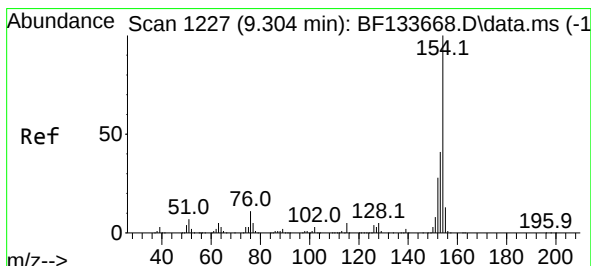
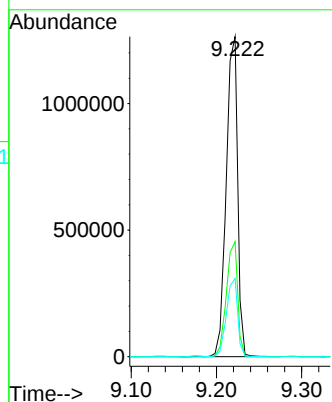


Tgt Ion:172 Resp: 1176879
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.4 19.1 28.7

Manual Integrations

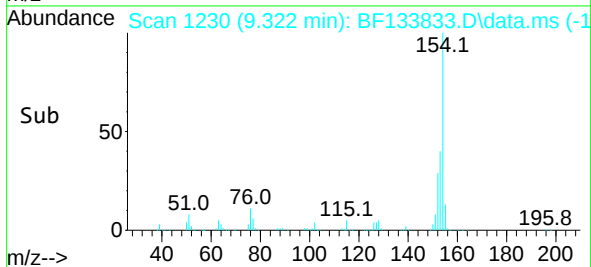
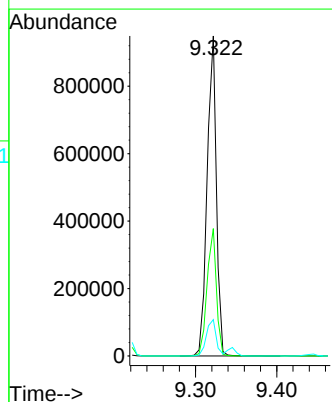
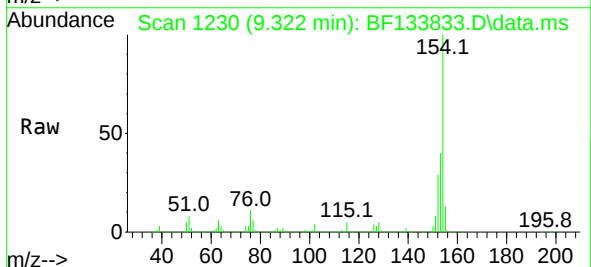
APPROVED

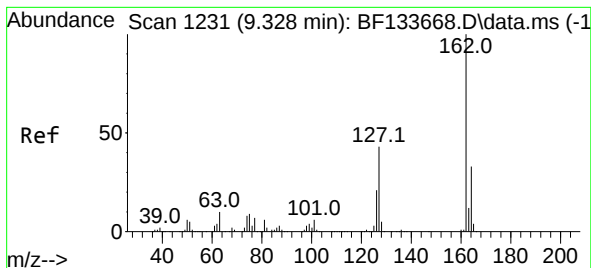
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#46
1,1'-Biphenyl
Concen: 41.235 ng
RT: 9.322 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40

Tgt Ion:154 Resp: 746363
Ion Ratio Lower Upper
154 100
153 39.8 20.6 60.6
76 11.4 0.0 31.0





#47

2-Chloronaphthalene

Concen: 41.932 ng

RT: 9.345 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133833.D

Acq: 19 Jun 2023 14:40

Instrument :

BNA_F

ClientSampleId :

PB153490BS

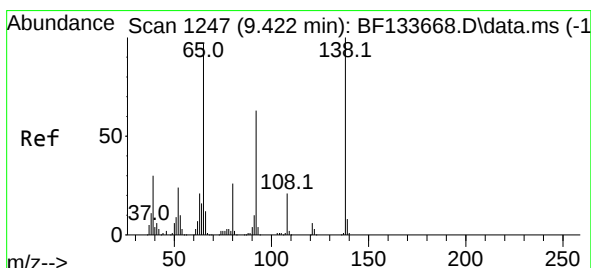
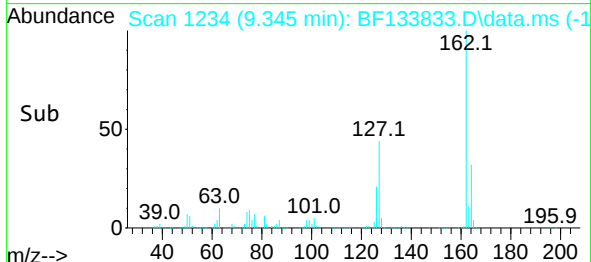
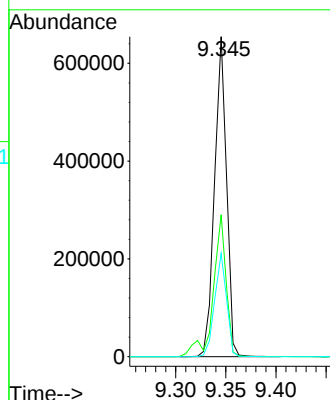
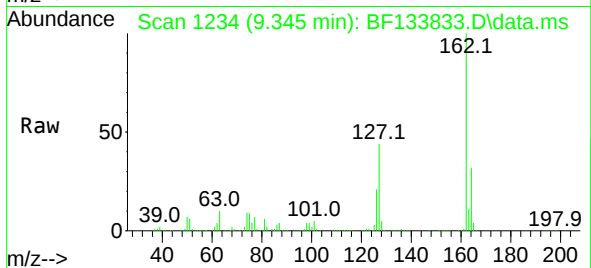
Tgt Ion:162 Resp: 544425
 Ion Ratio Lower Upper
 162 100
 127 44.3 34.6 52.0
 164 32.3 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#48

2-Nitroaniline

Concen: 41.252 ng

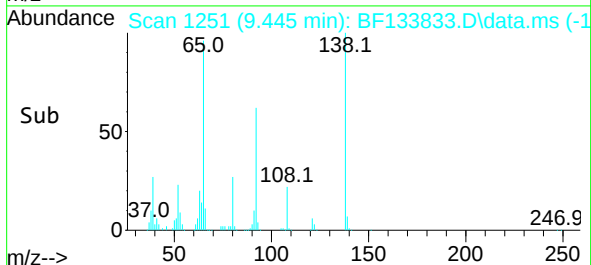
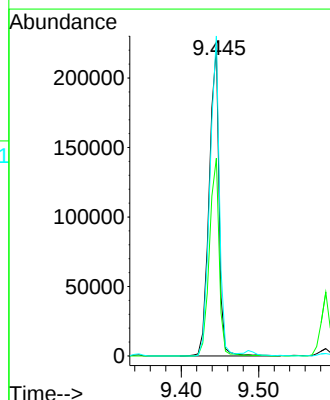
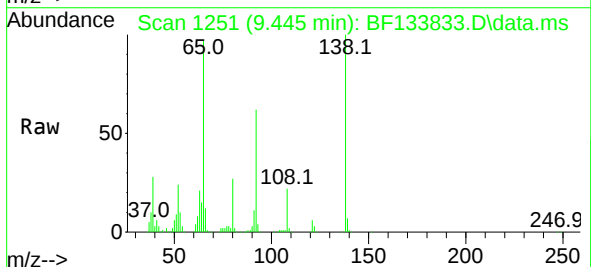
RT: 9.445 min Scan# 1251

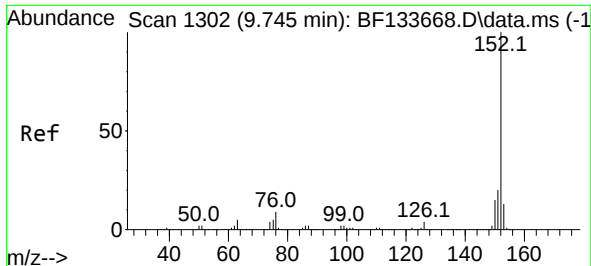
Delta R.T. 0.000 min

Lab File: BF133833.D

Acq: 19 Jun 2023 14:40

Tgt Ion: 65 Resp: 195881
 Ion Ratio Lower Upper
 65 100
 92 64.0 51.8 77.6
 138 103.6 82.1 123.1





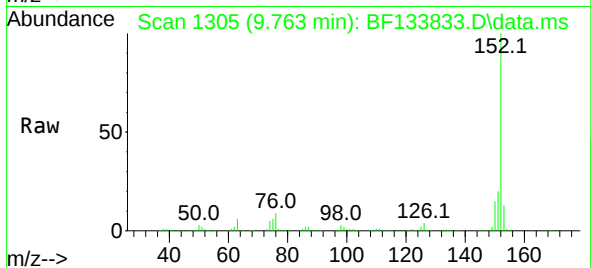
#49
Acenaphthylene
Concen: 40.374 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40

Instrument :

BNA_F

ClientSampleId :

PB153490BS



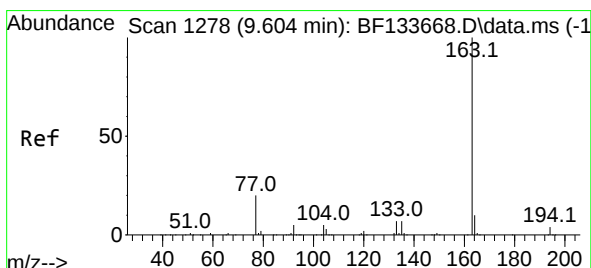
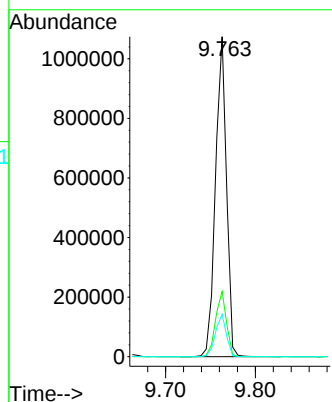
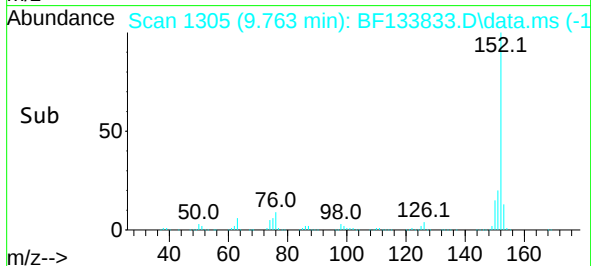
Tgt Ion:152 Resp: 91237
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.3 10.4 15.6

Manual Integrations

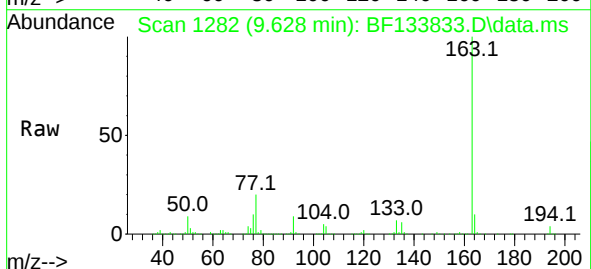
APPROVED

Reviewed By :Yogesh Patel 06/20/2023

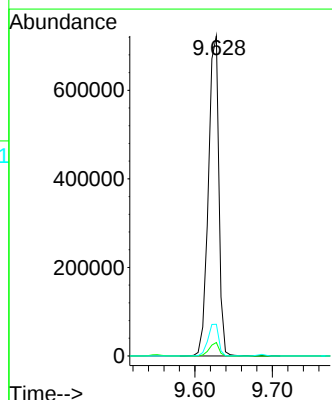
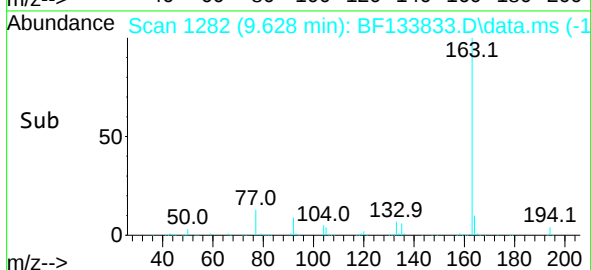
Supervised By :mohammad ahmed 06/20/2023

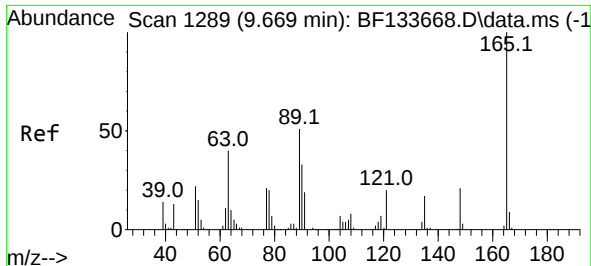


#50
Dimethylphthalate
Concen: 40.350 ng
RT: 9.628 min Scan# 1282
Delta R.T. 0.006 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40



Tgt Ion:163 Resp: 675923
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 9.9 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 42.392 ng
RT: 9.687 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40

Instrument :

BNA_F

ClientSampleId :

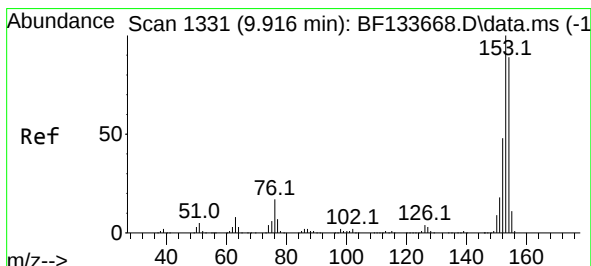
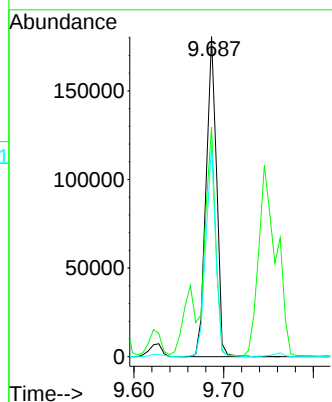
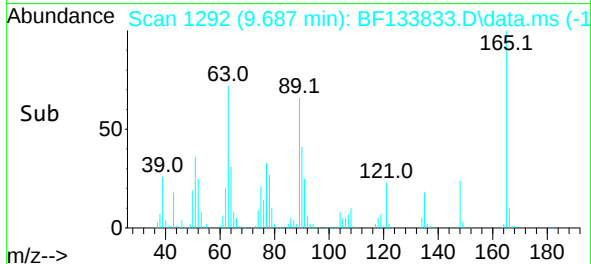
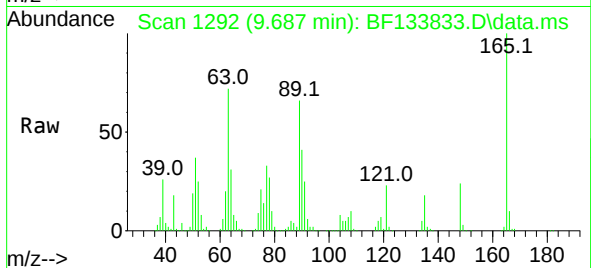
PB153490BS

Tgt Ion:165 Resp: 146578
Ion Ratio Lower Upper
165 100
63 71.7 42.1 63.1
89 66.1 40.9 61.3

Manual Integrations

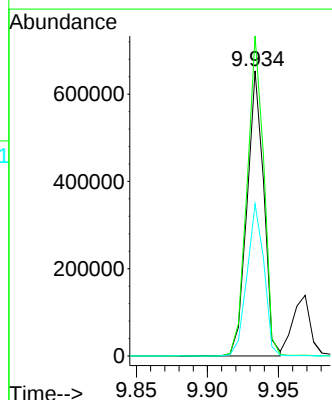
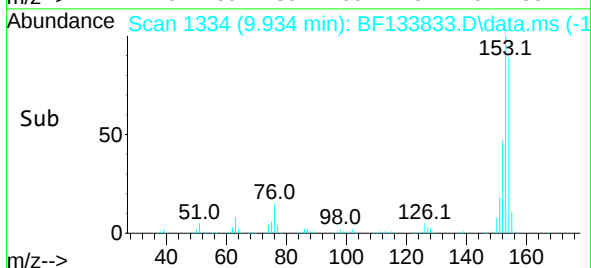
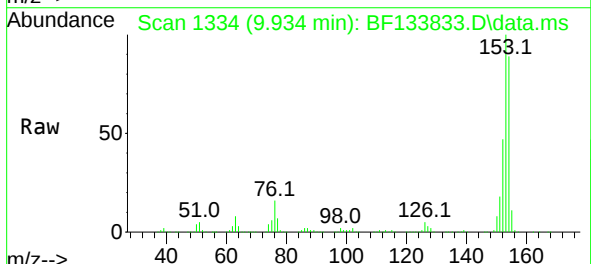
APPROVED

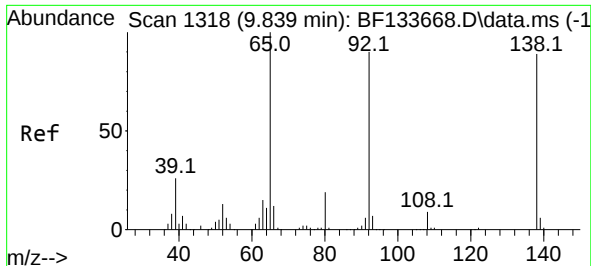
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#52
Acenaphthene
Concen: 40.463 ng
RT: 9.934 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40

Tgt Ion:154 Resp: 535222
Ion Ratio Lower Upper
154 100
153 112.2 89.8 134.8
152 53.3 43.4 65.2





#53
3-Nitroaniline
Concen: 22.480 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40

Instrument :

BNA_F

ClientSampleId :

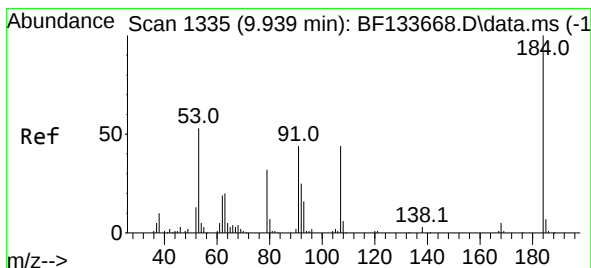
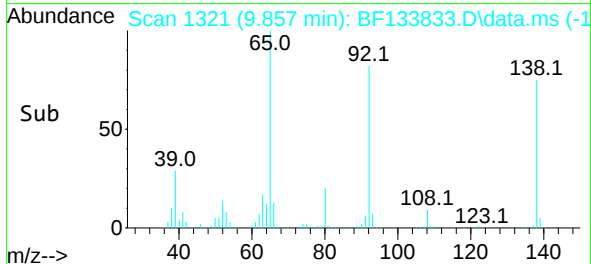
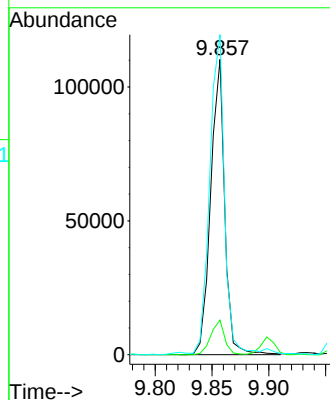
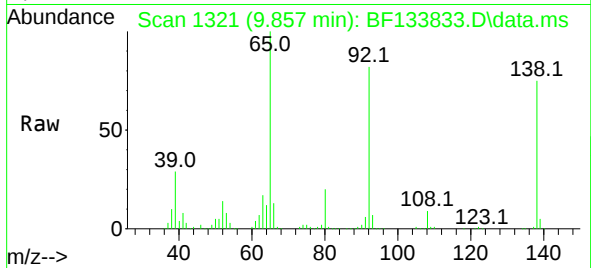
PB153490BS

Tgt Ion:138 Resp: 94589
Ion Ratio Lower Upper
138 100
108 11.7 8.2 12.4
92 108.4 81.0 121.6

Manual Integrations

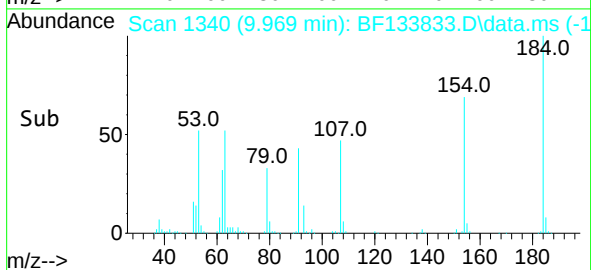
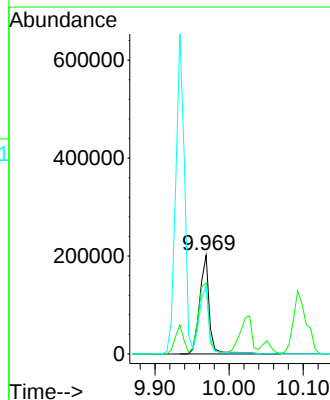
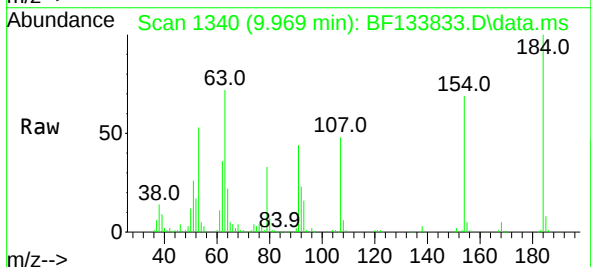
APPROVED

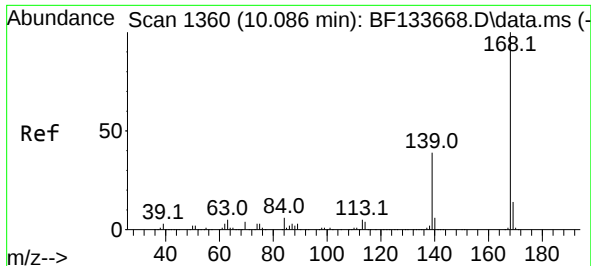
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#54
2,4-Dinitrophenol
Concen: 106.139 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40

Tgt Ion:184 Resp: 182735
Ion Ratio Lower Upper
184 100
63 71.8 55.3 82.9
154 68.9 51.9 77.9





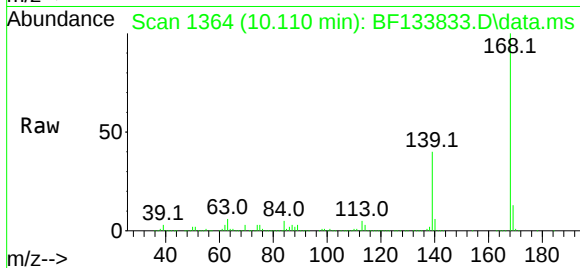
#55
Dibenzenofuran
Concen: 40.655 ng
RT: 10.110 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40

Instrument :

BNA_F

ClientSampleId :

PB153490BS

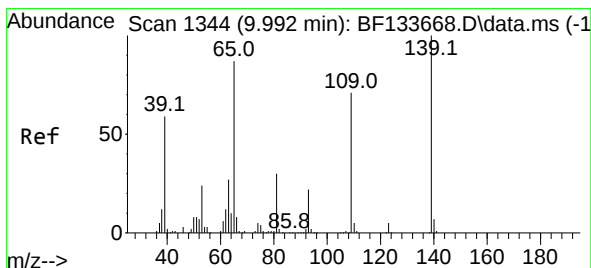
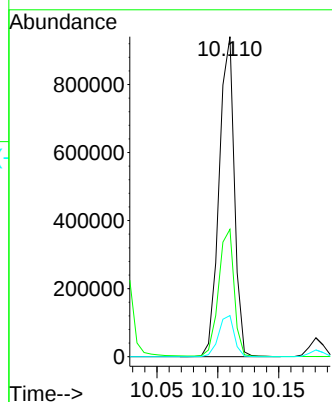


Tgt Ion:168 Resp: 82056
Ion Ratio Lower Upper
168 100
139 39.8 30.9 46.3
169 12.8 10.9 16.3

Manual Integrations

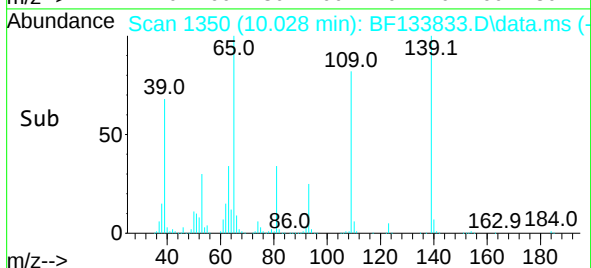
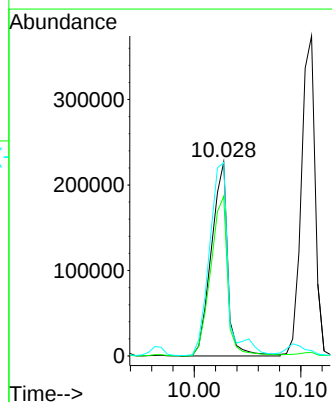
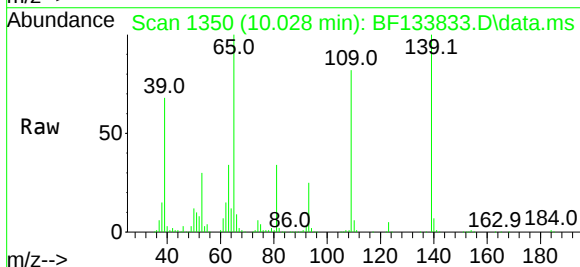
APPROVED

Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#56
4-Nitrophenol
Concen: 85.486 ng
RT: 10.028 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40

Tgt Ion:139 Resp: 242762
Ion Ratio Lower Upper
139 100
109 82.4 50.7 90.7
65 99.8 67.1 107.1





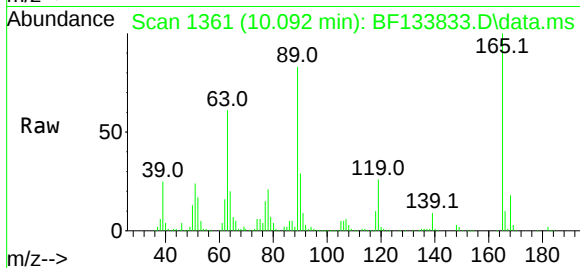
#57
2,4-Dinitrotoluene
Concen: 44.066 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40

Instrument :

BNA_F

ClientSampleId :

PB153490BS

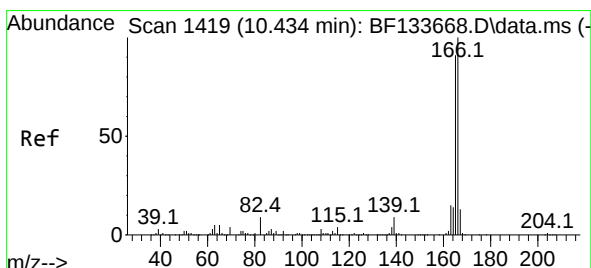
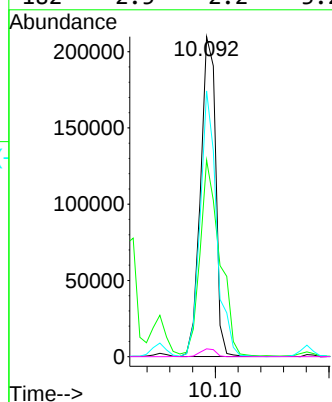
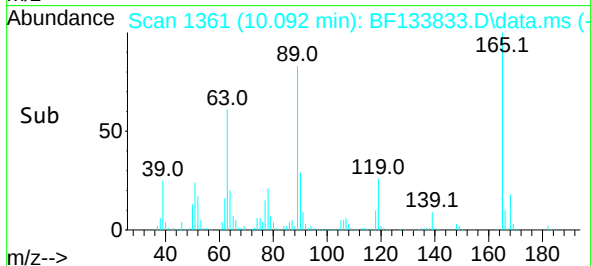


Tgt Ion:165 Resp: 193778
Ion Ratio Lower Upper
165 100
63 61.5 43.0 64.6
89 83.0 62.6 93.8
182 2.5 2.2 3.2

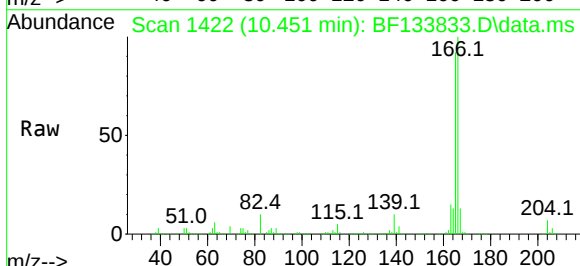
Manual Integrations

APPROVED

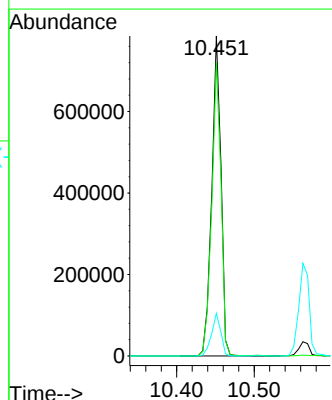
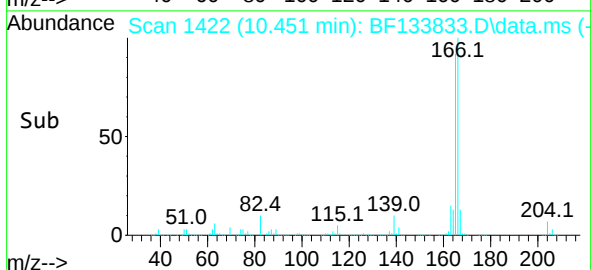
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

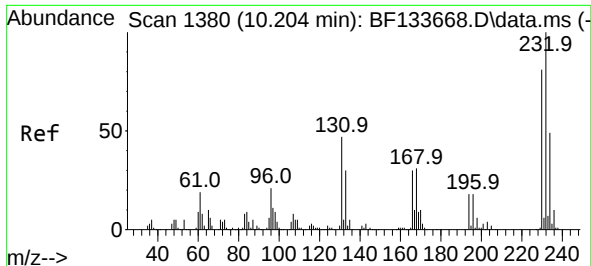


#58
Fluorene
Concen: 42.020 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40



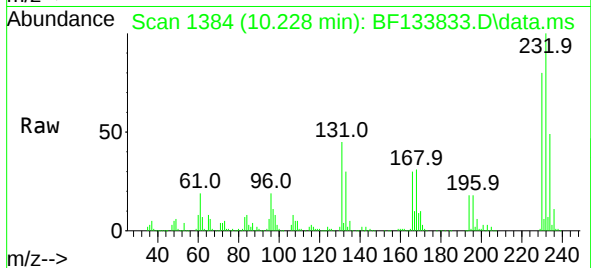
Tgt Ion:166 Resp: 648589
Ion Ratio Lower Upper
166 100
165 91.7 73.1 109.7
167 13.3 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.372 ng
RT: 10.228 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40

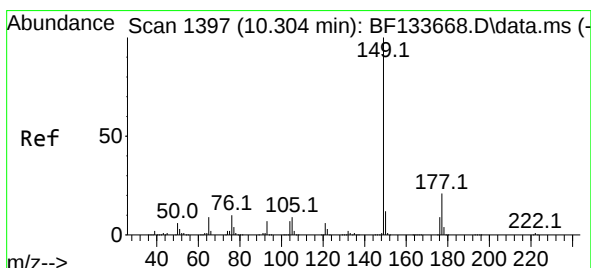
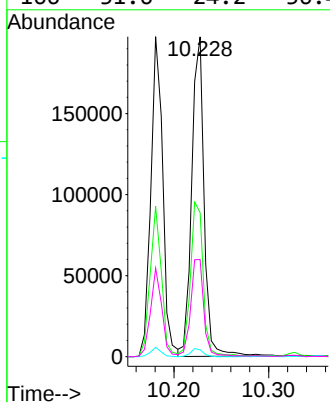
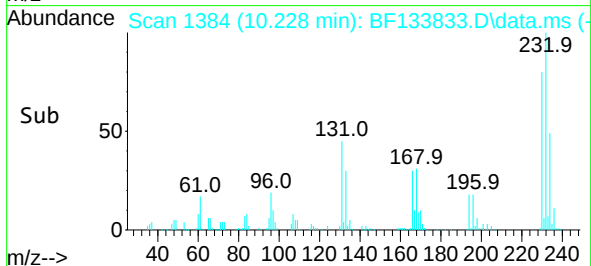
Instrument :
BNA_F
ClientSampleId :
PB153490BS



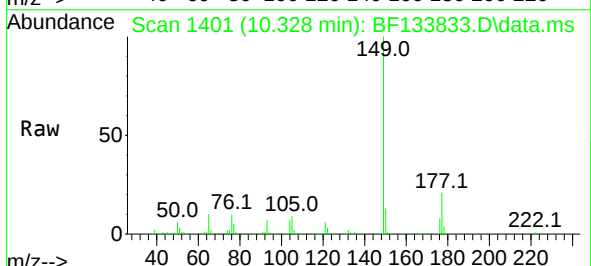
Tgt Ion:232 Resp: 180178
Ion Ratio Lower Upper
232 100
131 49.6 38.0 57.0
130 2.5 1.8 2.8
166 31.6 24.2 36.4

Manual Integrations
APPROVED

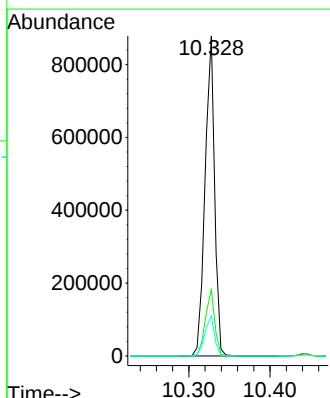
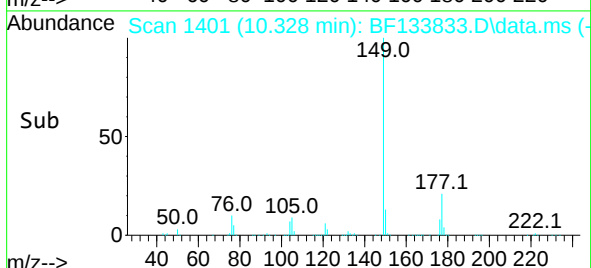
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

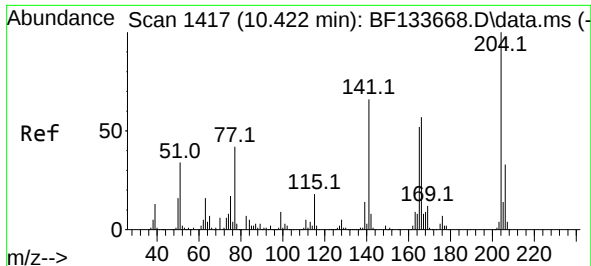


#60
Diethylphthalate
Concen: 41.875 ng
RT: 10.328 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40



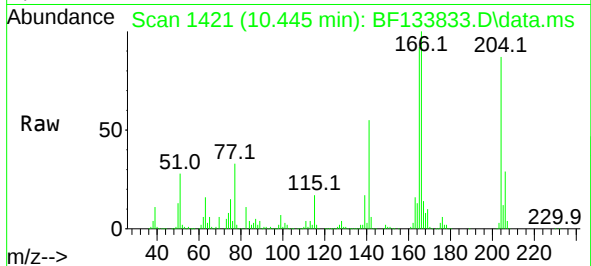
Tgt Ion:149 Resp: 713925
Ion Ratio Lower Upper
149 100
177 20.7 17.0 25.6
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 40.404 ng
RT: 10.445 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40

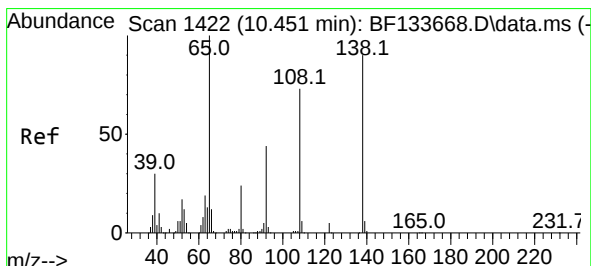
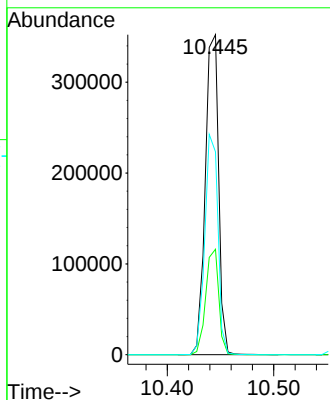
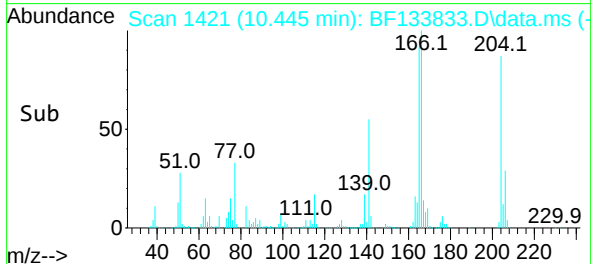
Instrument :
BNA_F
ClientSampleId :
PB153490BS



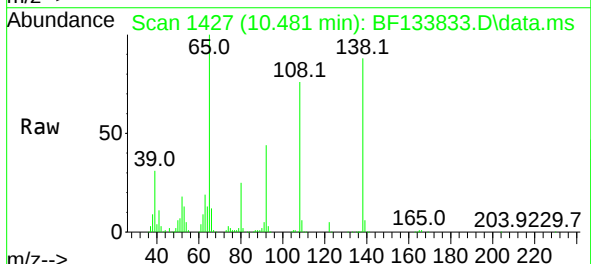
Tgt Ion:204 Resp: 30787
Ion Ratio Lower Upper
204 100
206 33.0 26.4 39.6
141 63.4 52.8 79.2

Manual Integrations
APPROVED

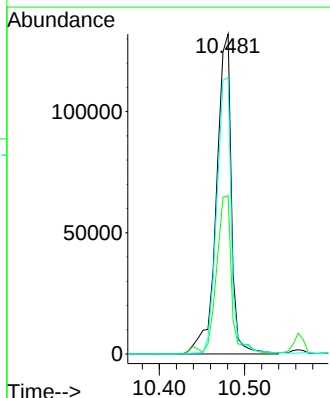
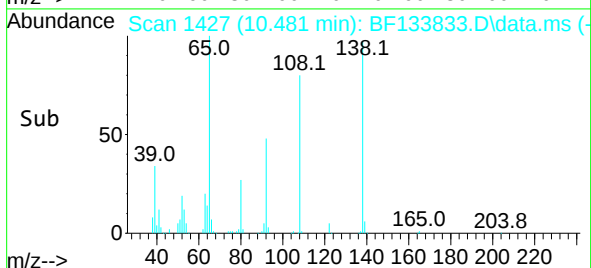
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

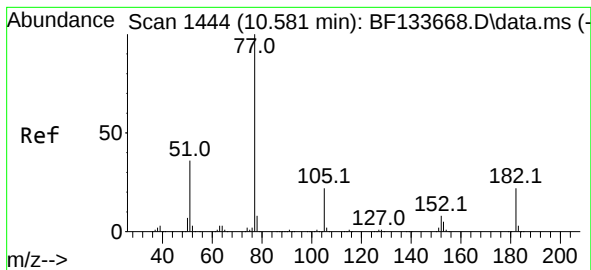


#62
4-Nitroaniline
Concen: 38.987 ng
RT: 10.481 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40



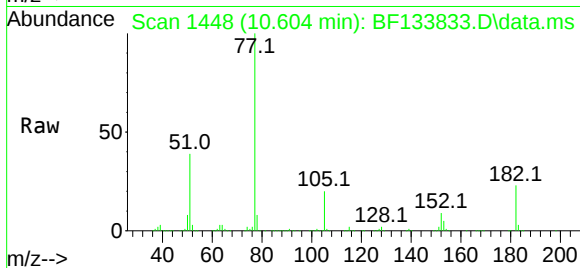
Tgt Ion:138 Resp: 160844
Ion Ratio Lower Upper
138 100
92 49.5 28.9 68.9
108 86.4 61.0 101.0





#63
Azobenzene
Concen: 41.280 ng
RT: 10.604 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40

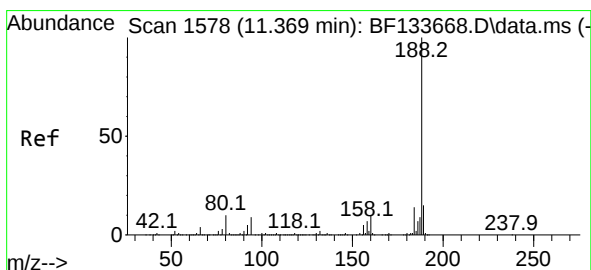
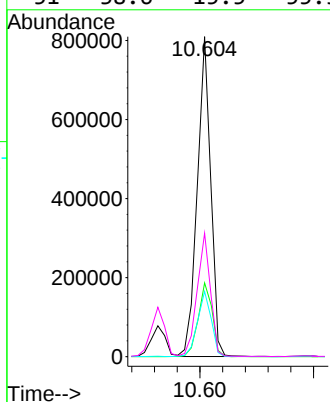
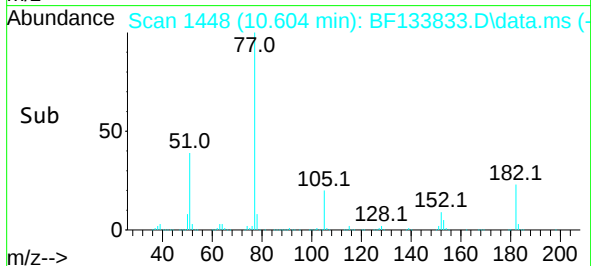
Instrument :
BNA_F
ClientSampleId :
PB153490BS



Tgt Ion: 77 Resp: 66625
Ion Ratio Lower Upper
77 100
182 23.0 1.6 41.6
105 20.4 1.6 41.6
51 38.6 15.5 55.5

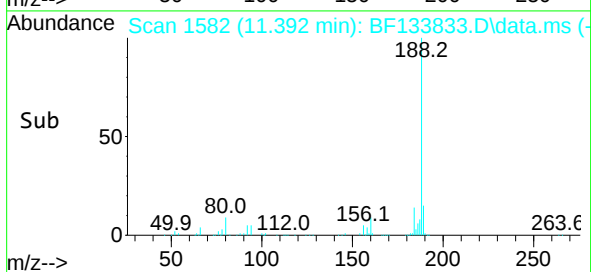
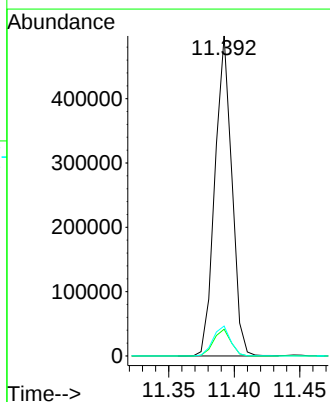
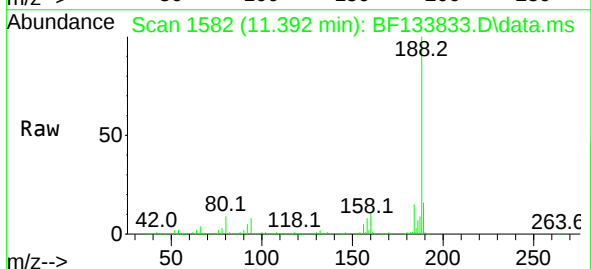
Manual Integrations
APPROVED

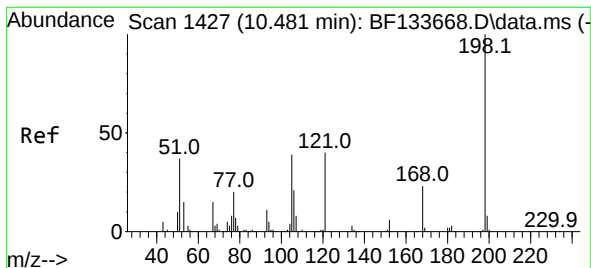
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40

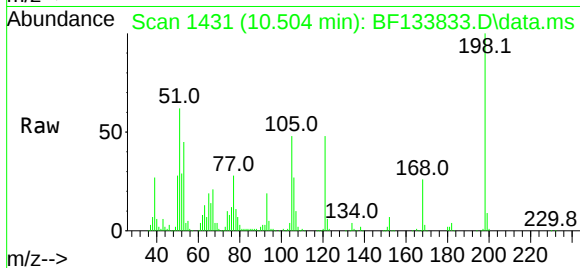
Tgt Ion:188 Resp: 445244
Ion Ratio Lower Upper
188 100
94 8.4 6.8 10.2
80 9.3 7.8 11.6





#65
4,6-Dinitro-2-methylphenol
Concen: 54.557 ng
RT: 10.504 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40

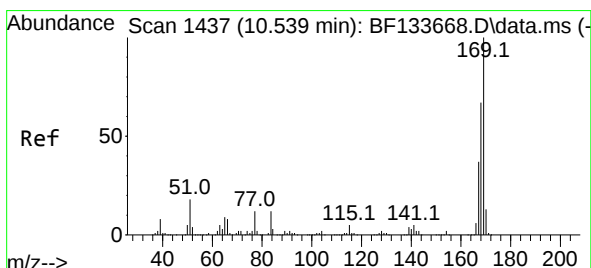
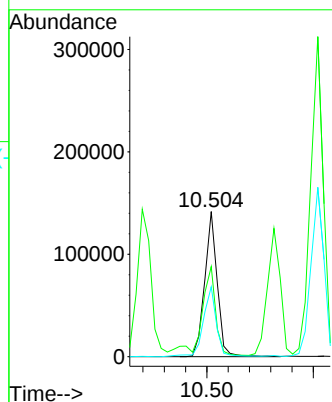
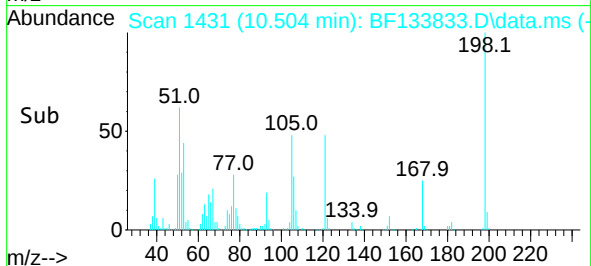
Instrument :
BNA_F
ClientSampleId :
PB153490BS



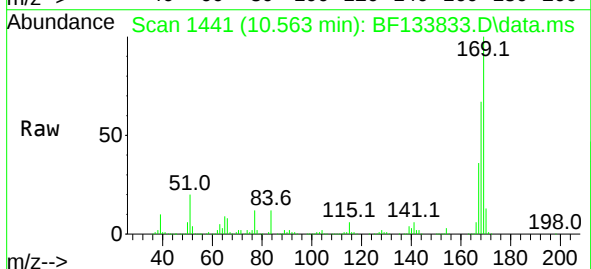
Tgt Ion:198 Resp: 116070
Ion Ratio Lower Upper
198 100
51 62.1 27.5 67.5
105 48.1 21.0 61.0

Manual Integrations
APPROVED

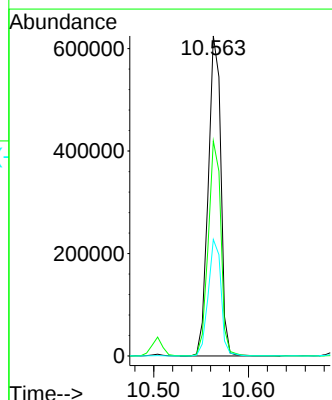
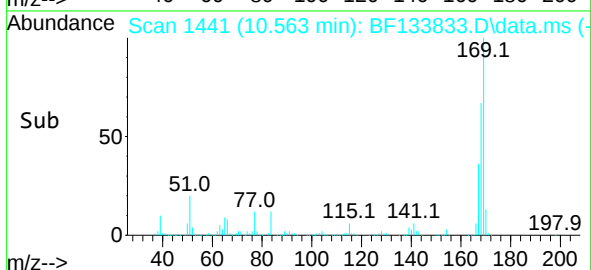
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

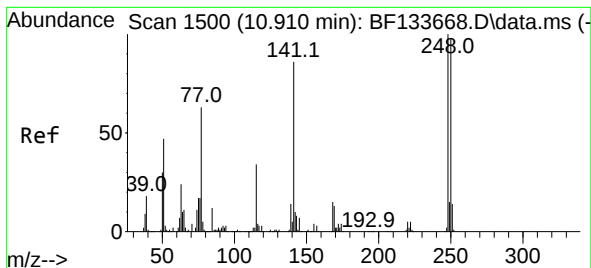


#66
n-Nitrosodiphenylamine
Concen: 38.552 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40



Tgt Ion:169 Resp: 576583
Ion Ratio Lower Upper
169 100
168 67.2 53.7 80.5
167 36.4 29.8 44.8





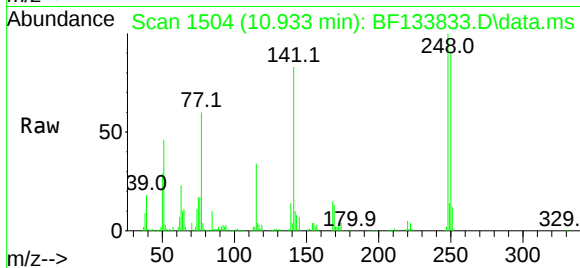
#67
4-Bromophenyl-phenylether
Concen: 39.592 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40

Instrument :

BNA_F

ClientSampleId :

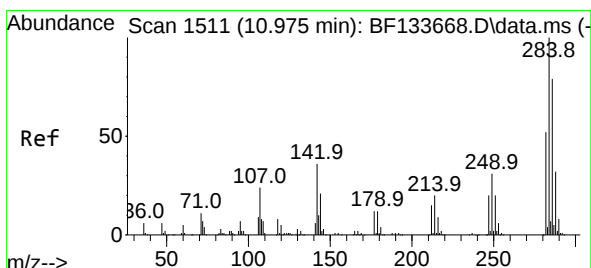
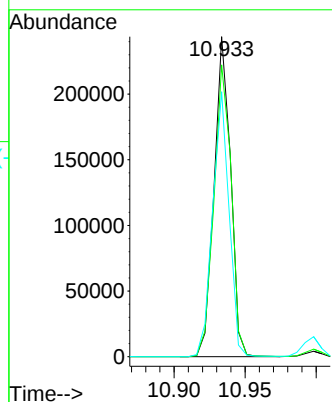
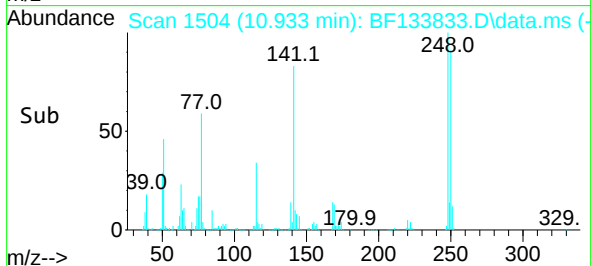
PB153490BS



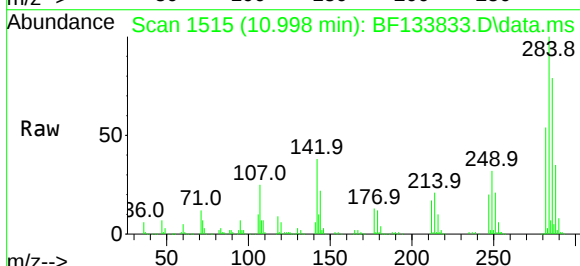
Tgt Ion:248 Resp: 19675
Ion Ratio Lower Upper
248 100
250 91.2 78.3 117.5
141 82.8 69.0 103.6

Manual Integrations
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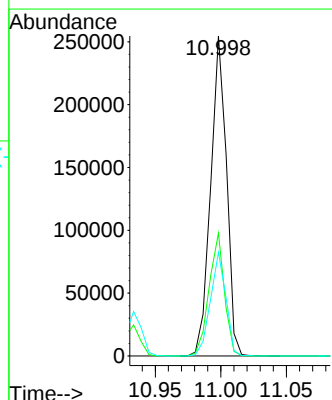
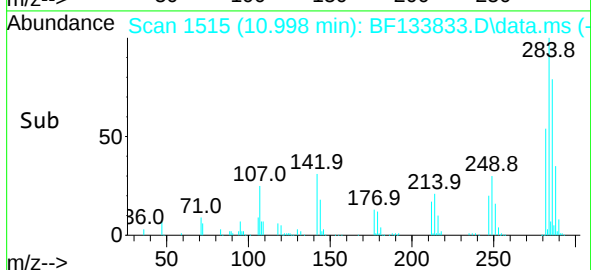
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

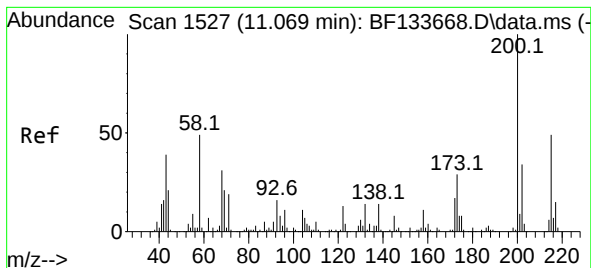


#68
Hexachlorobenzene
Concen: 41.044 ng
RT: 10.998 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40



Tgt Ion:284 Resp: 214487
Ion Ratio Lower Upper
284 100
142 38.4 28.6 42.8
249 32.4 24.6 36.8





#69

Atrazine

Concen: 43.357 ng

RT: 11.092 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133833.D

Acq: 19 Jun 2023 14:40

Instrument :

BNA_F

ClientSampleId :

PB153490BS

Tgt Ion:200 Resp: 18814

Ion Ratio Lower Upper

200 100

173 27.6 8.7 48.7

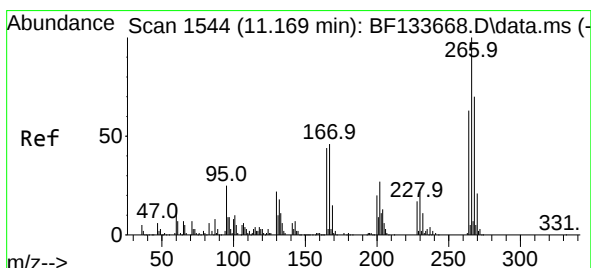
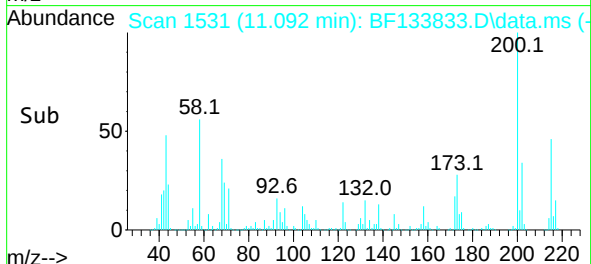
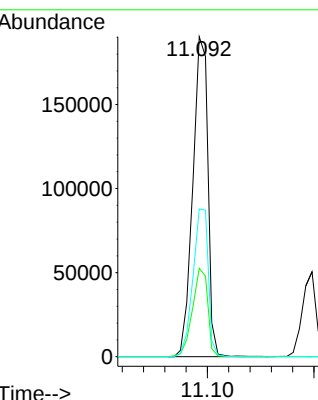
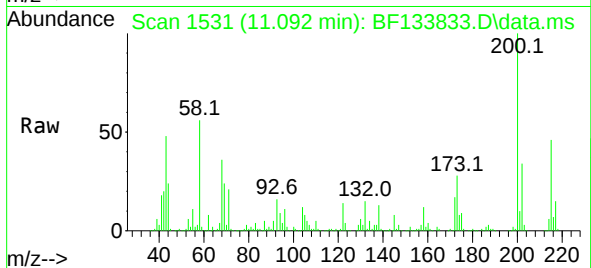
215 46.1 29.0 69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#70

Pentachlorophenol

Concen: 75.845 ng

RT: 11.198 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF133833.D

Acq: 19 Jun 2023 14:40

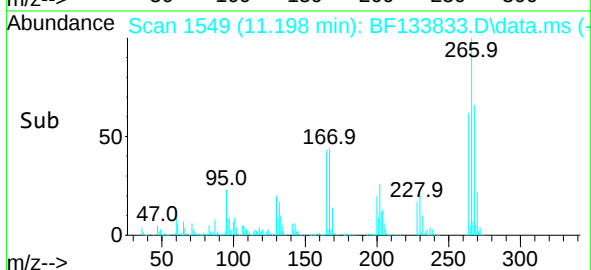
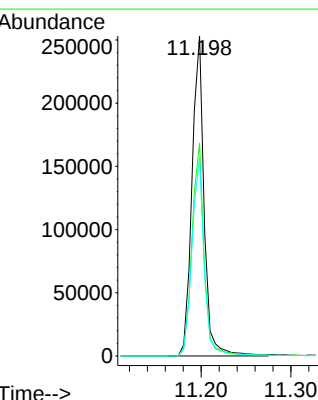
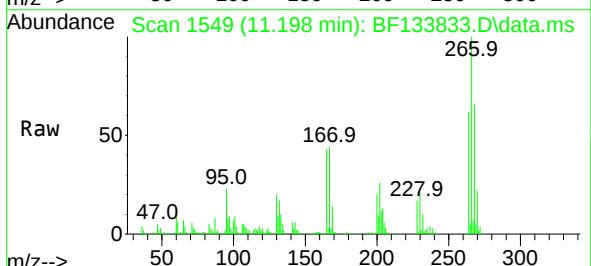
Tgt Ion:266 Resp: 237340

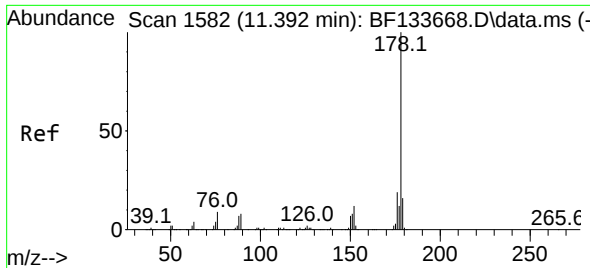
Ion Ratio Lower Upper

266 100

268 66.4 55.7 83.5

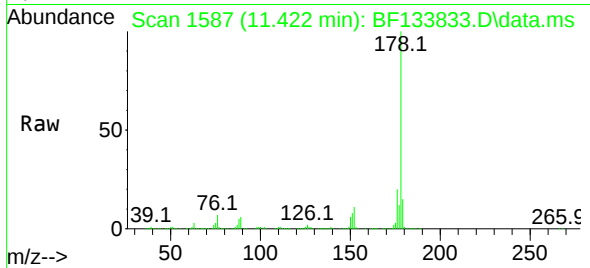
264 62.1 50.7 76.1





#71
Phenanthrene
Concen: 40.400 ng
RT: 11.422 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40

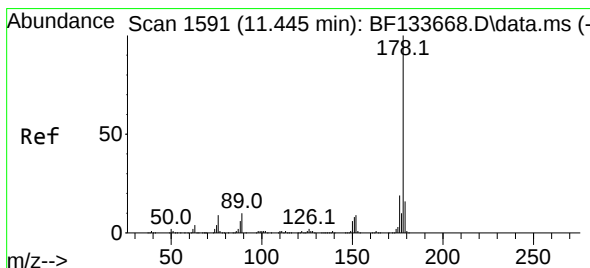
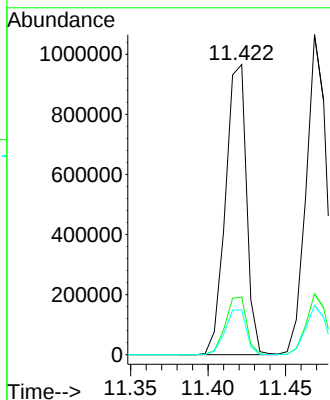
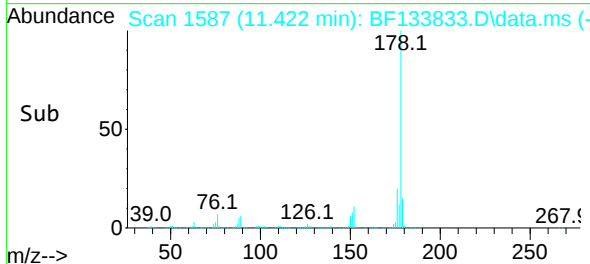
Instrument :
BNA_F
ClientSampleId :
PB153490BS



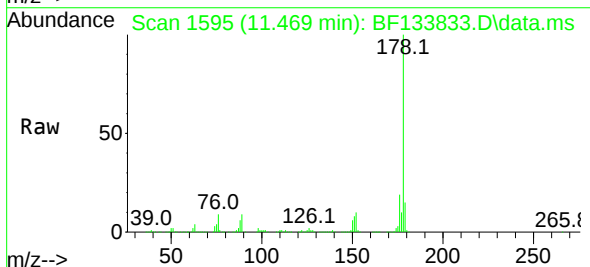
Tgt Ion:178 Resp: 912609
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 15.5 12.4 18.6

Manual Integrations
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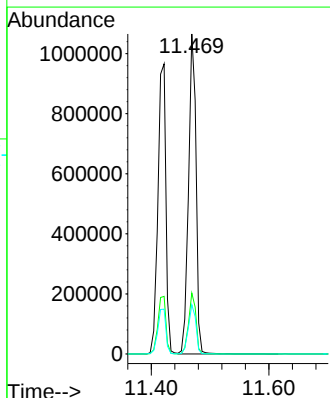
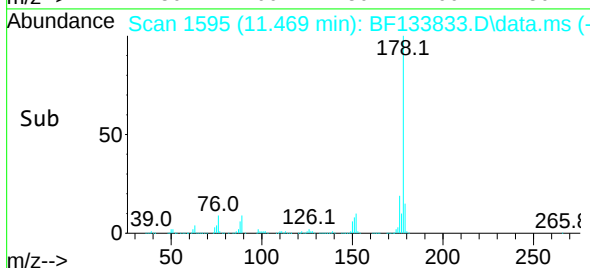
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

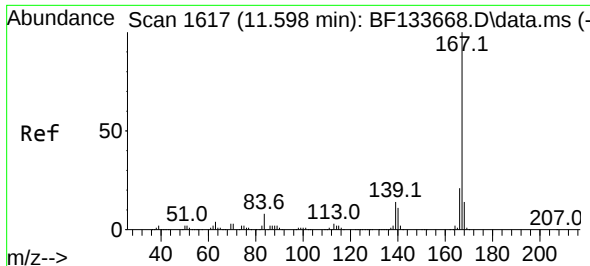


#72
Anthracene
Concen: 40.197 ng
RT: 11.469 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40



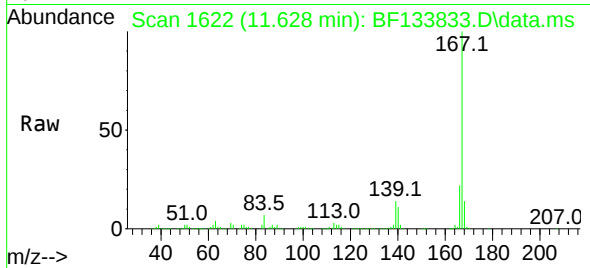
Tgt Ion:178 Resp: 946789
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 15.4 12.6 18.8





#73
 Carbazole
 Concen: 39.320 ng
 RT: 11.628 min Scan# 1622
 Delta R.T. 0.000 min
 Lab File: BF133833.D
 Acq: 19 Jun 2023 14:40

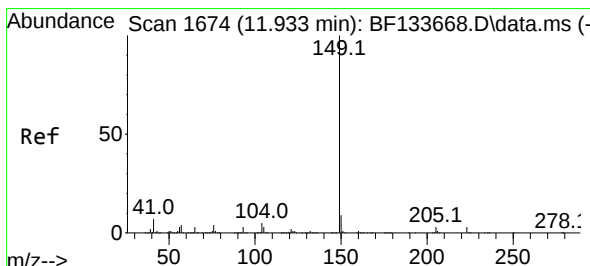
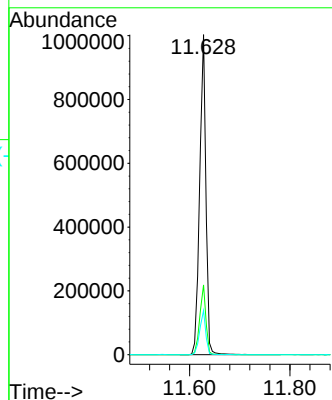
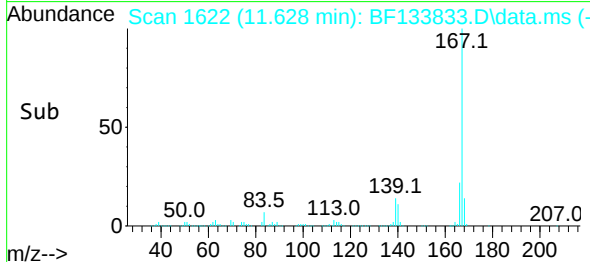
Instrument :
 BNA_F
 ClientSampleId :
 PB153490BS



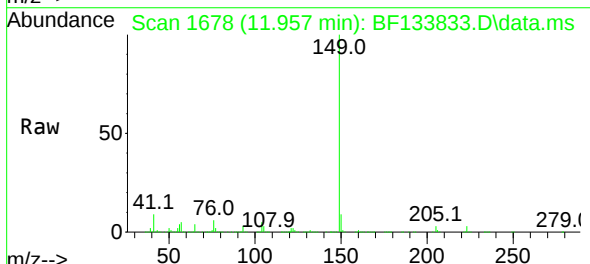
Tgt Ion:167 Resp: 86257
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.0 25.6
 139 13.8 11.2 16.8

Manual Integrations
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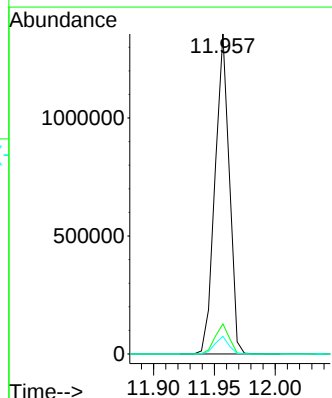
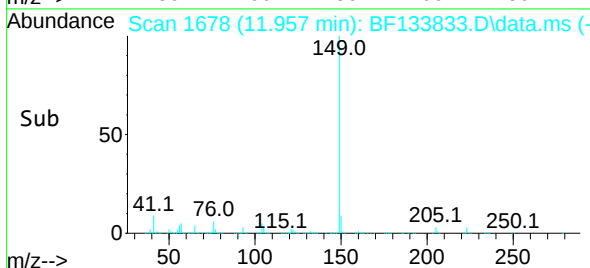
Reviewed By :Yogesh Patel 06/20/2023
 Supervised By :mohammad ahmed 06/20/2023

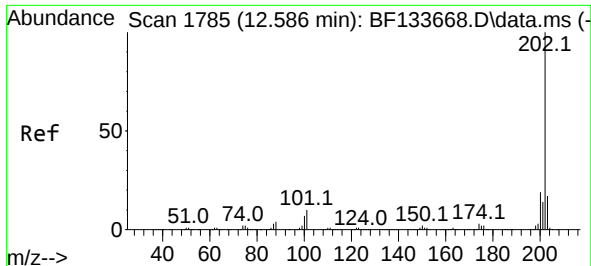


#74
 Di-n-butylphthalate
 Concen: 39.421 ng
 RT: 11.957 min Scan# 1678
 Delta R.T. 0.000 min
 Lab File: BF133833.D
 Acq: 19 Jun 2023 14:40



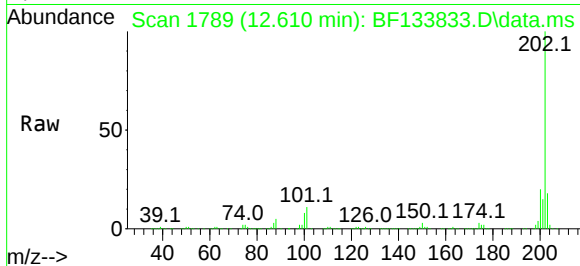
Tgt Ion:149 Resp: 1108656
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 5.5 3.8 5.8





#75
Fluoranthene
Concen: 39.303 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40

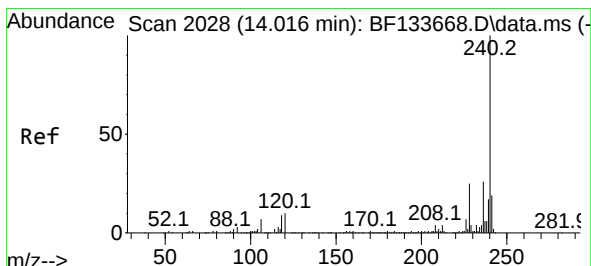
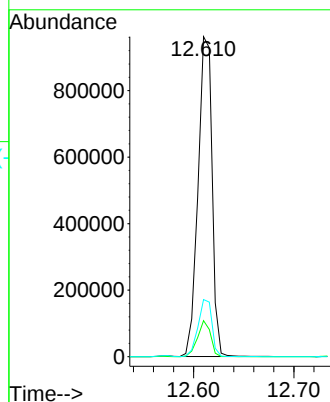
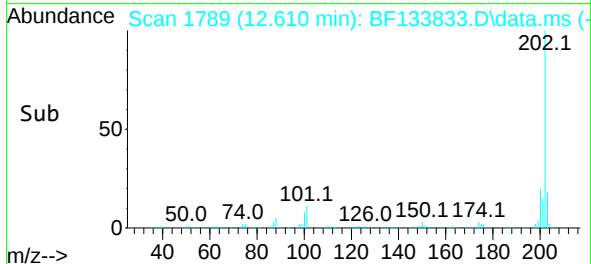
Instrument :
BNA_F
ClientSampleId :
PB153490BS



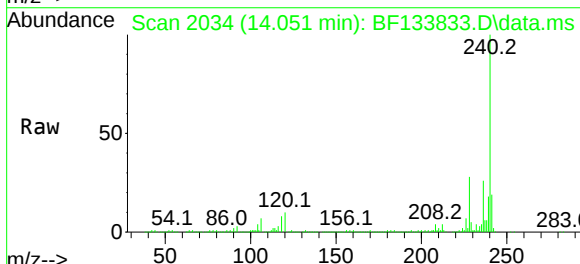
Tgt Ion:202 Resp: 942809
Ion Ratio Lower Upper
202 100
101 11.3 0.0 29.6
203 17.8 0.0 37.4

Manual Integrations
APPROVED

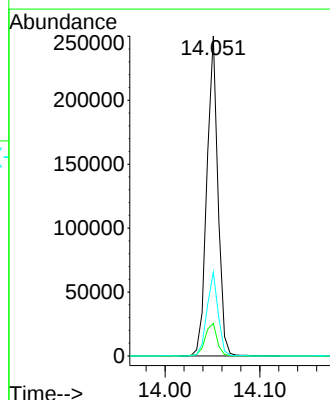
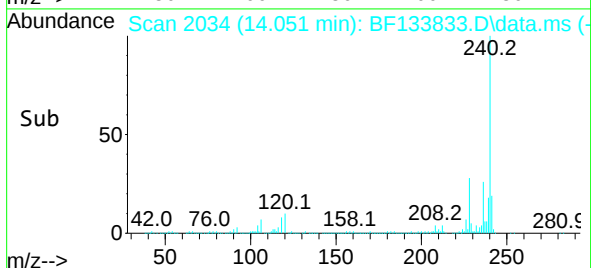
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

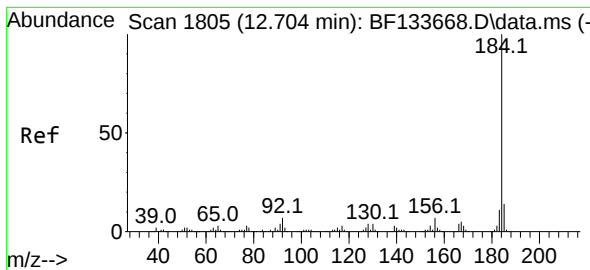


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40



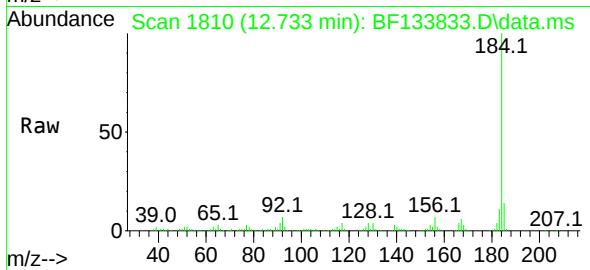
Tgt Ion:240 Resp: 202203
Ion Ratio Lower Upper
240 100
120 10.2 8.1 12.1
236 26.2 20.5 30.7





#77
Benzidine
Concen: 32.425 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40

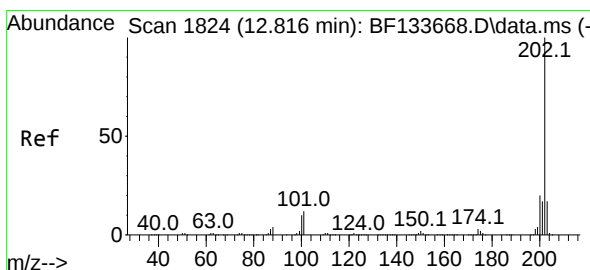
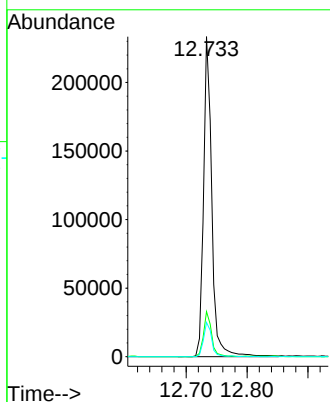
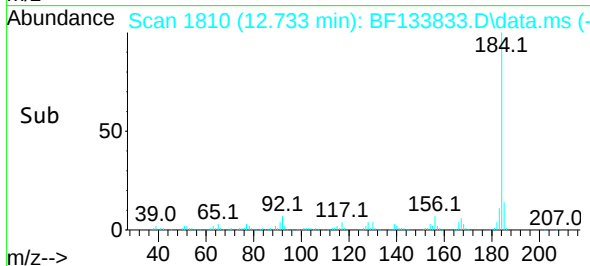
Instrument :
BNA_F
ClientSampleId :
PB153490BS



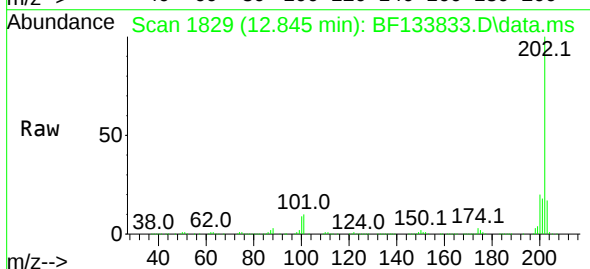
Tgt Ion:184 Resp: 220010
Ion Ratio Lower Upper
184 100
185 14.1 11.6 17.4
183 10.7 8.4 12.6

Manual Integrations
APPROVED

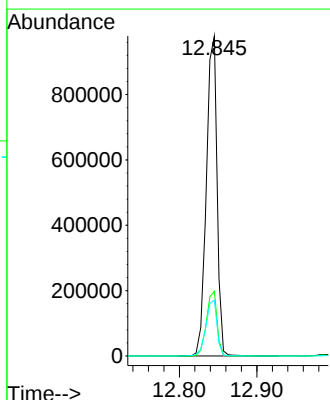
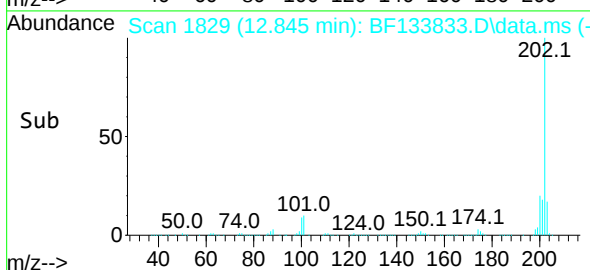
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

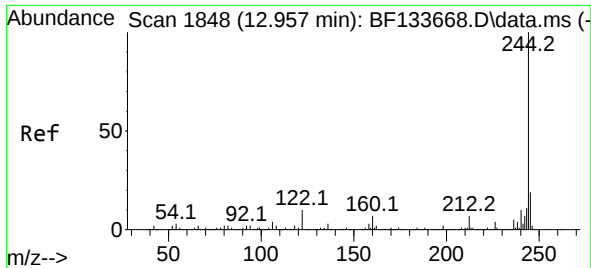


#78
Pyrene
Concen: 49.797 ng
RT: 12.845 min Scan# 1829
Delta R.T. 0.000 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40



Tgt Ion:202 Resp: 937980
Ion Ratio Lower Upper
202 100
200 20.2 16.2 24.2
203 17.4 13.9 20.9





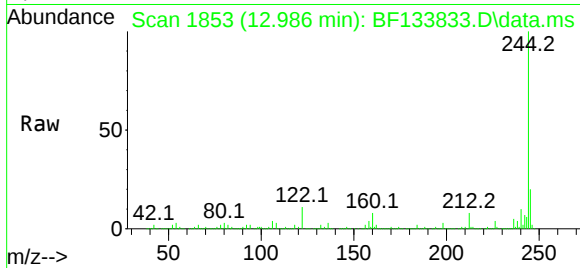
#79
 Terphenyl-d14
 Concen: 98.161 ng
 RT: 12.986 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: BF133833.D
 Acq: 19 Jun 2023 14:40

Instrument :

BNA_F

ClientSampleId :

PB153490BS

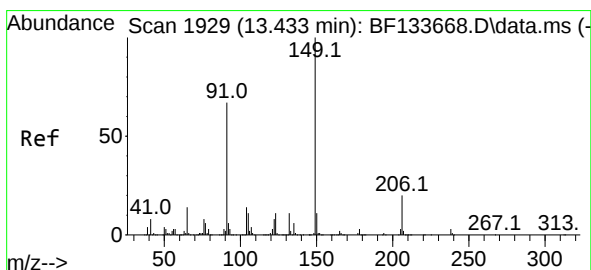
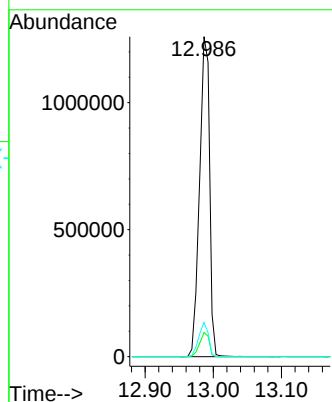


Tgt Ion:244 Resp: 1282740
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.2
 122 10.7 8.1 12.1

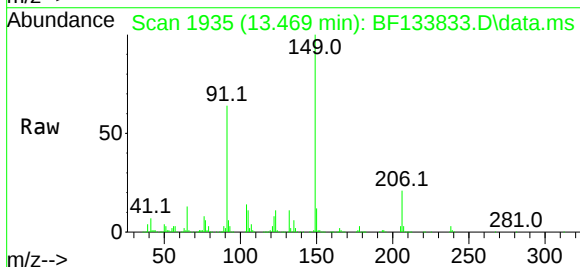
Manual Integrations

APPROVED

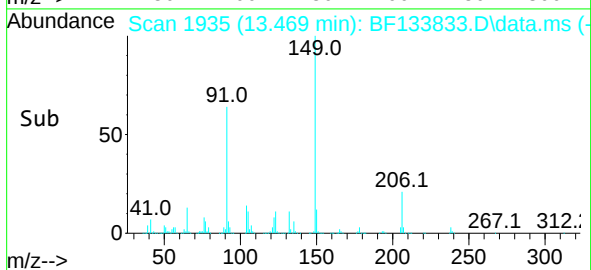
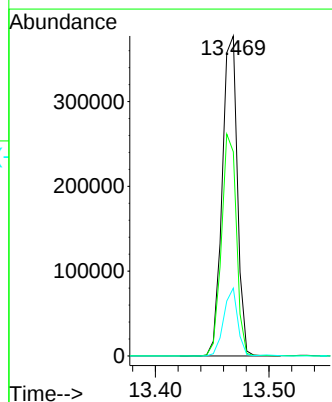
Reviewed By :Yogesh Patel 06/20/2023
 Supervised By :mohammad ahmed 06/20/2023

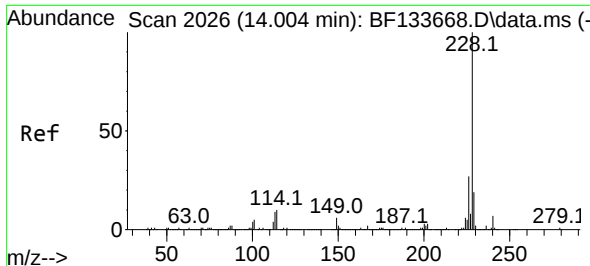


#80
 Butylbenzylphthalate
 Concen: 44.112 ng
 RT: 13.469 min Scan# 1935
 Delta R.T. 0.000 min
 Lab File: BF133833.D
 Acq: 19 Jun 2023 14:40



Tgt Ion:149 Resp: 350772
 Ion Ratio Lower Upper
 149 100
 91 63.8 54.0 81.0
 206 21.2 15.6 23.4





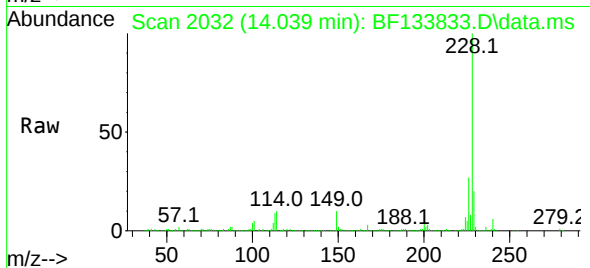
#81
Benzo(a)anthracene
Concen: 41.728 ng
RT: 14.039 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40

Instrument :

BNA_F

ClientSampleId :

PB153490BS

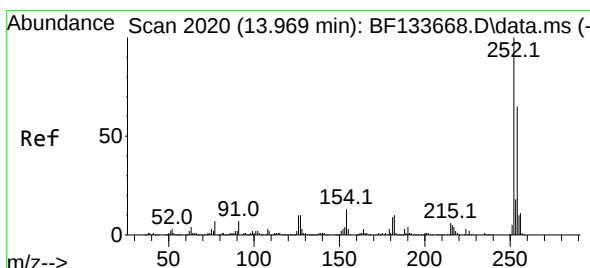
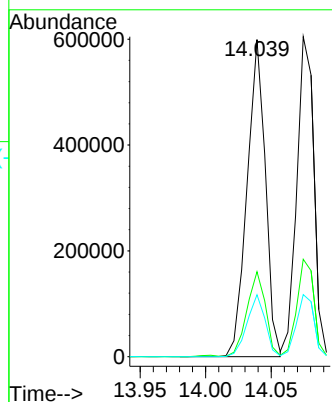
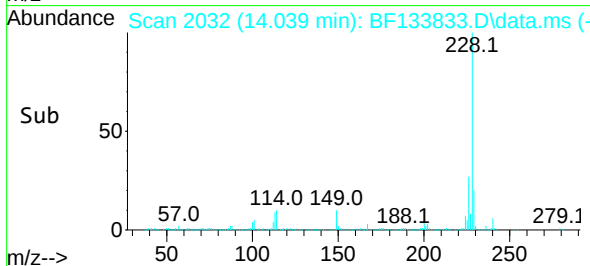


Tgt Ion:228 Resp: 583628
Ion Ratio Lower Upper
228 100
226 26.8 21.7 32.5
229 19.5 15.4 23.2

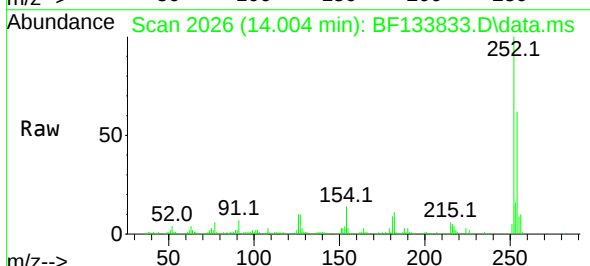
Manual Integrations

APPROVED

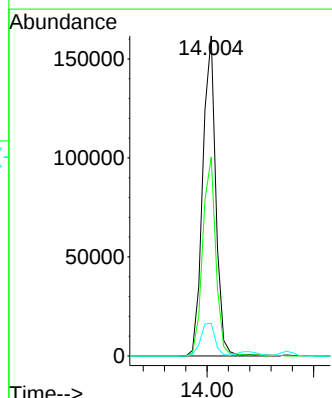
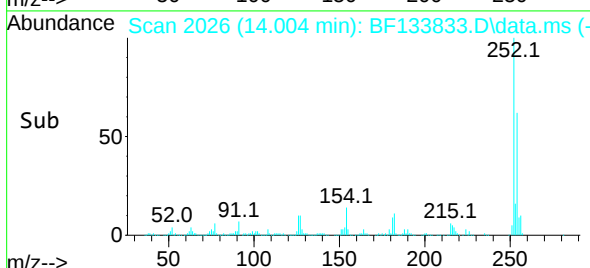
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

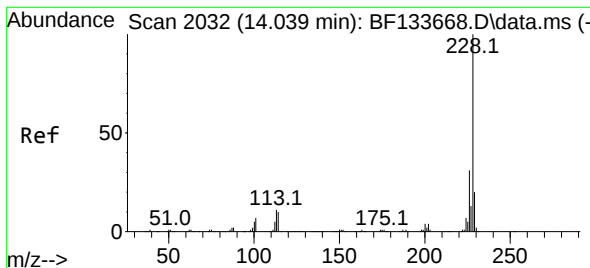


#82
3,3'-Dichlorobenzidine
Concen: 29.767 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF133833.D
Acq: 19 Jun 2023 14:40



Tgt Ion:252 Resp: 138416
Ion Ratio Lower Upper
252 100
254 62.2 51.9 77.9
126 10.2 7.7 11.5





#83

Chrysene

Concen: 41.557 ng

RT: 14.074 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF133833.D

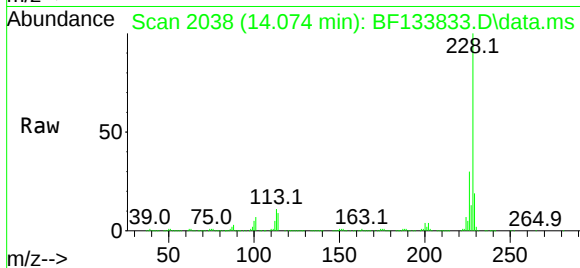
Acq: 19 Jun 2023 14:40

Instrument :

BNA_F

ClientSampleId :

PB153490BS



Tgt Ion:228 Resp: 54974

Ion Ratio Lower Upper

228 100

226 30.4 25.0 37.6

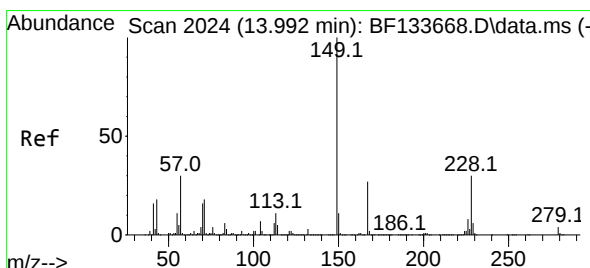
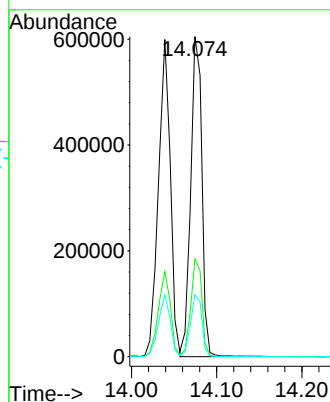
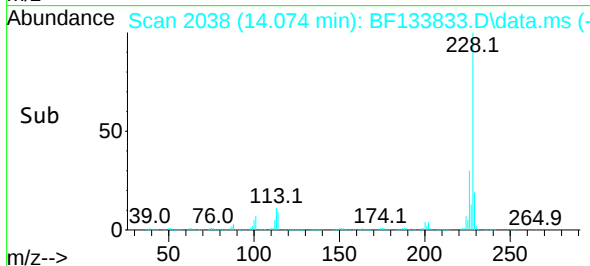
229 19.4 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.507 ng

RT: 14.027 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF133833.D

Acq: 19 Jun 2023 14:40

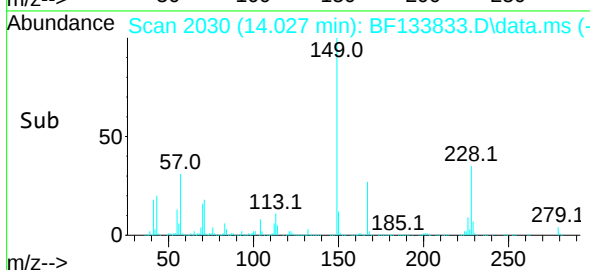
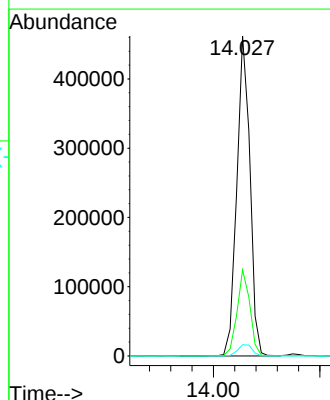
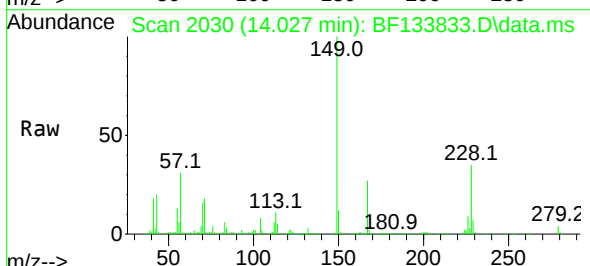
Tgt Ion:149 Resp: 396612

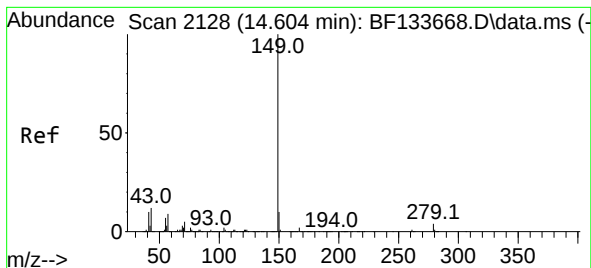
Ion Ratio Lower Upper

149 100

167 26.9 21.8 32.8

279 3.5 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 41.158 ng

RT: 14.651 min Scan# 2128

Delta R.T. 0.000 min

Lab File: BF133833.D

Acq: 19 Jun 2023 14:40

Instrument :

BNA_F

ClientSampleId :

PB153490BS

Tgt Ion:149 Resp: 572659

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

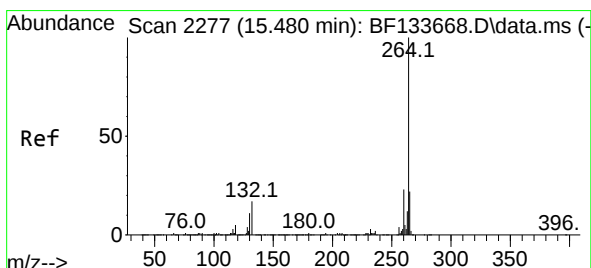
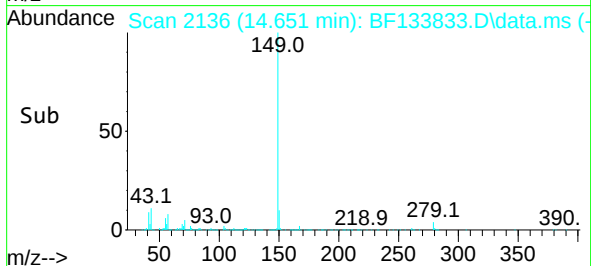
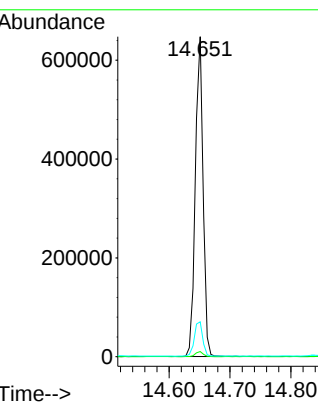
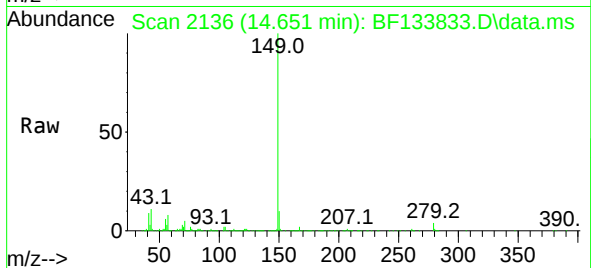
43 11.6 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2290

Delta R.T. 0.000 min

Lab File: BF133833.D

Acq: 19 Jun 2023 14:40

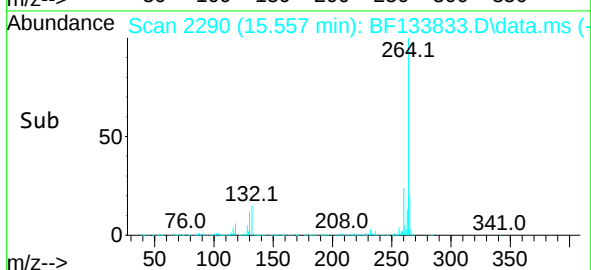
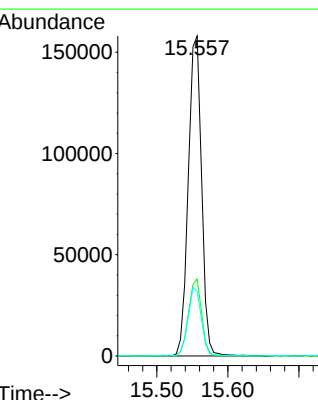
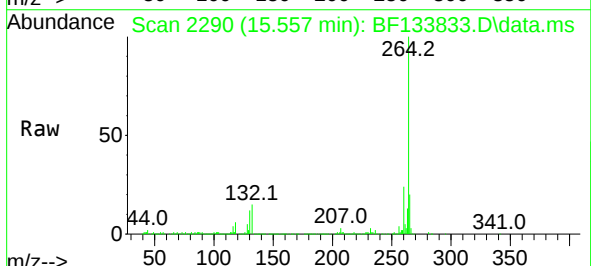
Tgt Ion:264 Resp: 206462

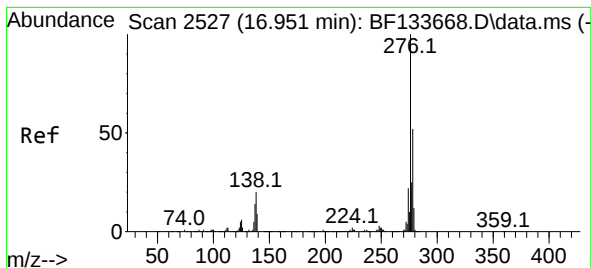
Ion Ratio Lower Upper

264 100

260 24.0 18.2 27.2

265 20.3 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.763 ng

RT: 17.110 min Scan# 2114

Delta R.T. 0.000 min

Lab File: BF133833.D

Acq: 19 Jun 2023 14:40

Instrument :

BNA_F

ClientSampleId :

PB153490BS

Tgt Ion:276 Resp: 706830

Ion Ratio Lower Upper

276 100

138 22.4 17.9 26.9

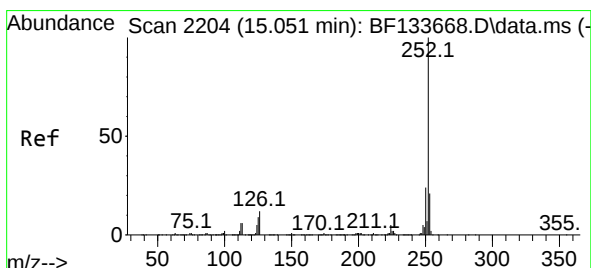
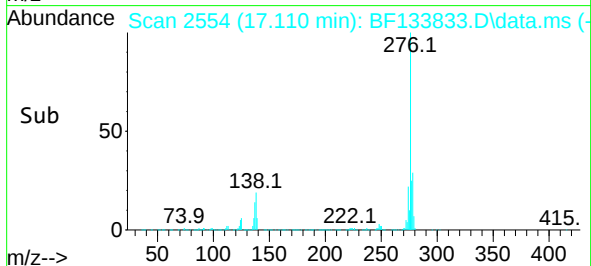
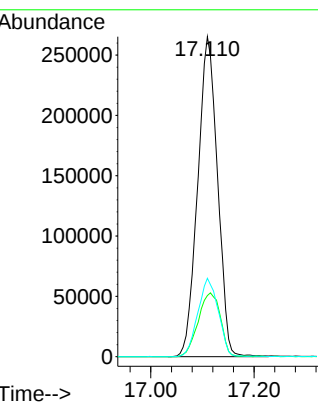
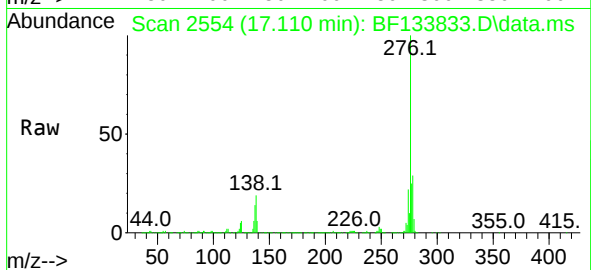
277 25.2 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#88

Benzo(b)fluoranthene

Concen: 40.199 ng

RT: 15.110 min Scan# 2214

Delta R.T. 0.000 min

Lab File: BF133833.D

Acq: 19 Jun 2023 14:40

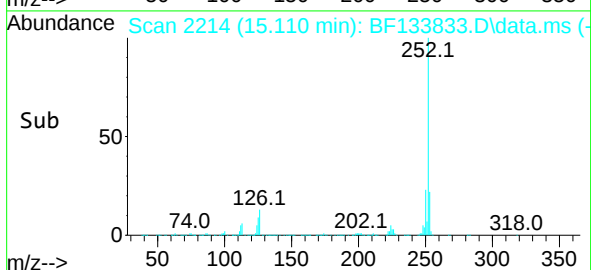
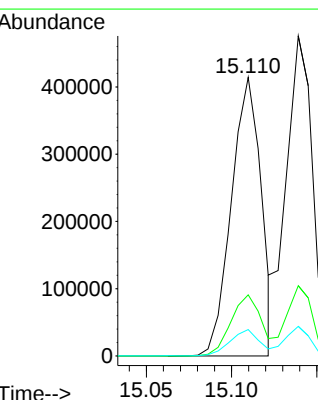
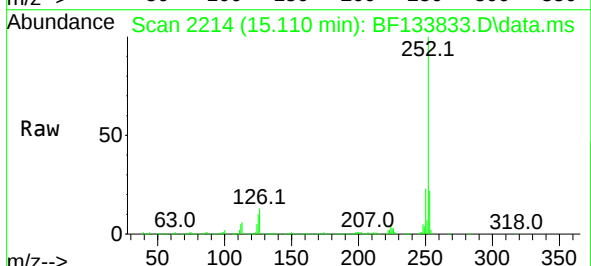
Tgt Ion:252 Resp: 504158

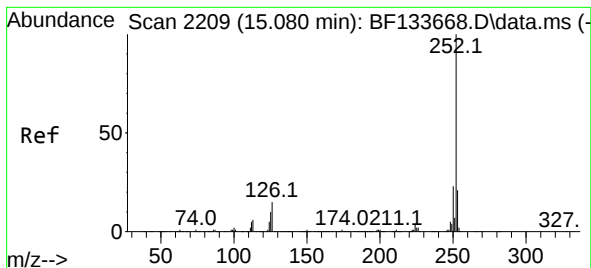
Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

125 9.5 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 41.939 ng

RT: 15.139 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF133833.D

Acq: 19 Jun 2023 14:40

Instrument :

BNA_F

ClientSampleId :

PB153490BS

Tgt Ion:252 Resp: 512369

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.4

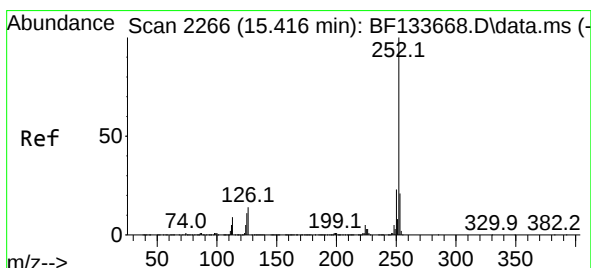
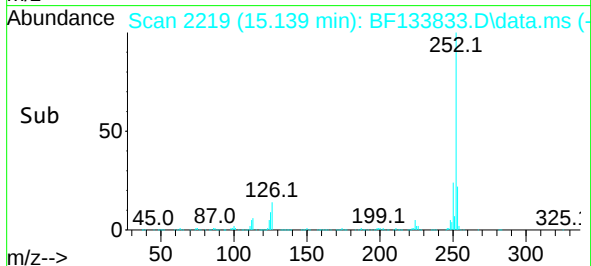
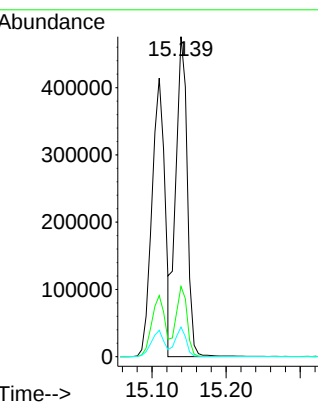
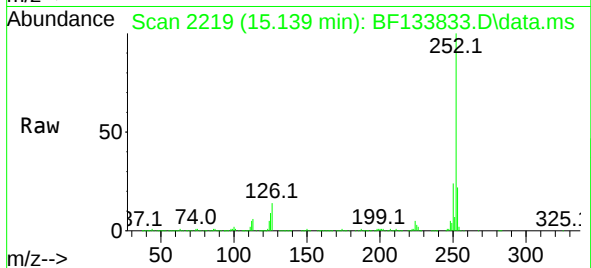
125 9.3 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#90

Benzo(a)pyrene

Concen: 41.287 ng

RT: 15.492 min Scan# 2279

Delta R.T. 0.000 min

Lab File: BF133833.D

Acq: 19 Jun 2023 14:40

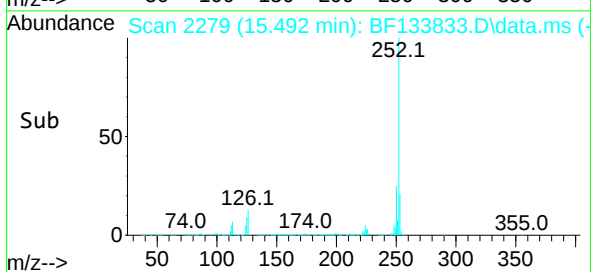
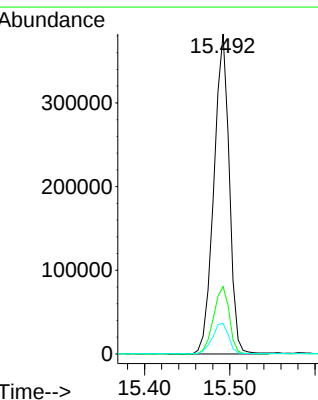
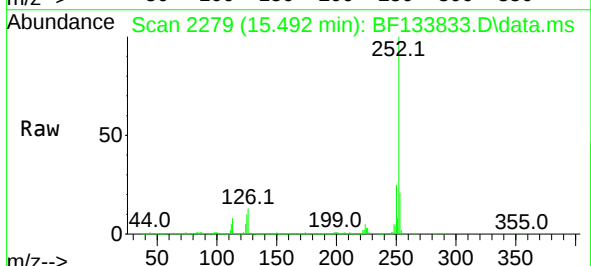
Tgt Ion:252 Resp: 480564

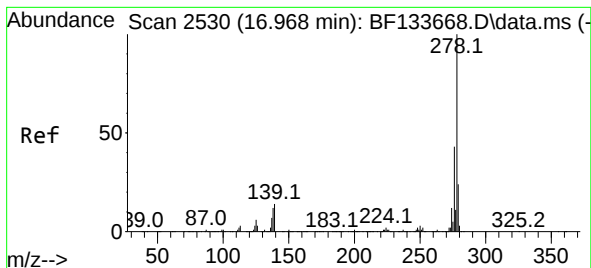
Ion Ratio Lower Upper

252 100

253 21.0 17.1 25.7

125 9.6 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 48.993 ng

RT: 17.133 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF133833.D

Acq: 19 Jun 2023 14:40

Instrument :

BNA_F

ClientSampleId :

PB153490BS

Tgt Ion:278 Resp: 57612

Ion Ratio Lower Upper

278 100

139 13.8 11.4 17.2

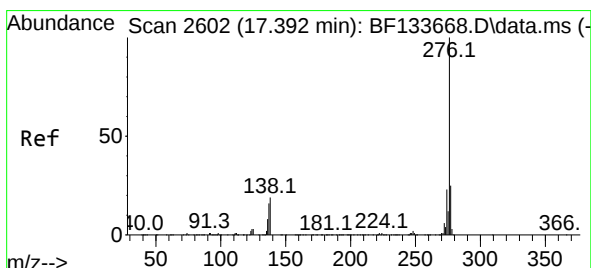
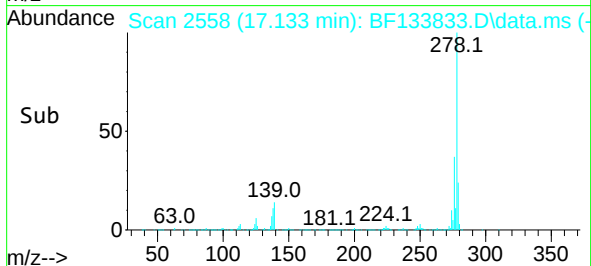
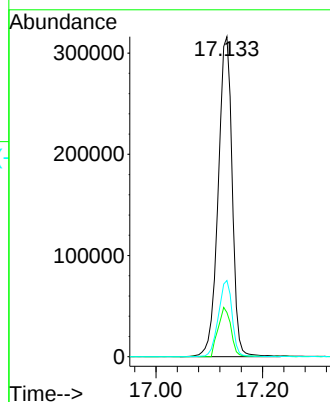
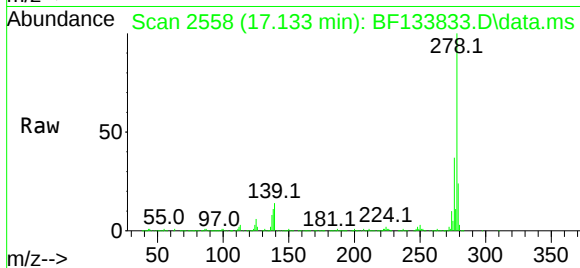
279 23.8 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#92

Benzo(g,h,i)perylene

Concen: 49.539 ng

RT: 17.586 min Scan# 2635

Delta R.T. 0.000 min

Lab File: BF133833.D

Acq: 19 Jun 2023 14:40

Tgt Ion:276 Resp: 577580

Ion Ratio Lower Upper

276 100

277 23.8 19.8 29.8

138 19.0 15.0 22.4

