

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061423\
 Data File : BF133746.D
 Acq On : 14 Jun 2023 11:33
 Operator : CG\JU
 Sample : PB153266BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153266BS

Quant Time: Jun 14 12:13:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 13 11:26:55 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/15/2023
 Supervised By :mohammad ahmed 06/16/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	105025	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	400935	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	195788	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	380116	20.000	ng	0.00
76) Chrysene-d12	14.010	240	194897	20.000	ng	0.00
86) Perylene-d12	15.468	264	209790	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	738953	122.489	ng	0.01
7) Phenol-d6	6.469	99	894650	113.929	ng	0.00
23) Nitrobenzene-d5	7.404	82	612808	83.250	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	278927	112.546	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1106946	80.370	ng	0.00
79) Terphenyl-d14	12.951	244	1139509	90.469	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	84763	31.959	ng	98
3) Pyridine	3.375	79	226318	29.276	ng	98
4) n-Nitrosodimethylamine	3.322	42	176953	41.410	ng	100
6) Aniline	6.492	93	349194	35.306	ng	95
8) 2-Chlorophenol	6.616	128	279223	43.919	ng	98
9) Benzaldehyde	6.381	77	143815	27.604	ng	95
10) Phenol	6.486	94	337801	41.197	ng	85
11) bis(2-Chloroethyl)ether	6.569	93	255668	41.999	ng	94
12) 1,3-Dichlorobenzene	6.775	146	295096	43.443	ng	99
13) 1,4-Dichlorobenzene	6.851	146	296977	43.256	ng	98
14) 1,2-Dichlorobenzene	7.004	146	284511	45.862	ng	98
15) Benzyl Alcohol	6.975	79	260611	42.492	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	454765	44.070	ng	99
17) 2-Methylphenol	7.086	107	230090	40.832	ng	99
18) Hexachloroethane	7.345	117	112457	47.846	ng	99
19) n-Nitroso-di-n-propyla...	7.251	70	195005	39.030	ng	98
20) 3+4-Methylphenols	7.239	107	276562	37.727	ng	97
22) Acetophenone	7.245	105	382974	41.647	ng	95
24) Nitrobenzene	7.422	77	305816	41.259	ng	99
25) Isophorone	7.657	82	533105	39.448	ng	99
26) 2-Nitrophenol	7.733	139	150282	45.177	ng	98
27) 2,4-Dimethylphenol	7.769	122	239502	41.772	ng	98
28) bis(2-Chloroethoxy)met...	7.869	93	312322	39.987	ng	98
29) 2,4-Dichlorophenol	7.975	162	229068	40.764	ng	99
30) 1,2,4-Trichlorobenzene	8.057	180	243322	41.503	ng	97
31) Naphthalene	8.139	128	767068	39.269	ng	99
32) Benzoic acid	7.892	122	179023m	49.508	ng	
33) 4-Chloroaniline	8.186	127	207388	24.830	ng	98
34) Hexachlorobutadiene	8.251	225	153136	39.894	ng	98
35) Caprolactam	8.563	113	80175m	42.401	ng	
36) 4-Chloro-3-methylphenol	8.669	107	261115	40.313	ng	97
37) 2-Methylnaphthalene	8.833	142	519106	38.248	ng	99
38) 1-Methylnaphthalene	8.933	142	486859	38.983	ng	100
40) 1,2,4,5-Tetrachloroben...	8.998	216	243162	40.853	ng	98
41) Hexachlorocyclopentadiene	8.980	237	287749	108.484	ng	95
43) 2,4,6-Trichlorophenol	9.110	196	165800	41.685	ng	96

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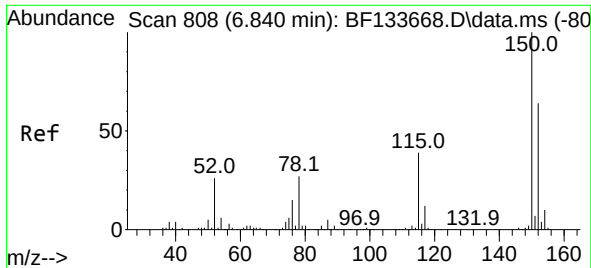
Manual Integrations
 APPROVED

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 Supervised By :mohammad ahmed 06/16/2023

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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	178744	38.628	ng	99
46) 1,1'-Biphenyl	9.298	154	653594	41.391	ng	98
47) 2-Chloronaphthalene	9.322	162	475432	41.974	ng	100
48) 2-Nitroaniline	9.416	65	174225	42.058	ng	96
49) Acenaphthylene	9.739	152	800257	40.592	ng	99
50) Dimethylphthalate	9.598	163	561397	38.415	ng	100
51) 2,6-Dinitrotoluene	9.663	165	125264	41.527	ng	96
52) Acenaphthene	9.910	154	471972	40.900	ng	99
53) 3-Nitroaniline	9.827	138	113574	30.940	ng	86
54) 2,4-Dinitrophenol	9.939	184	145049	97.088	ng	90
55) Dibenzofuran	10.080	168	716914	40.715	ng	97
56) 4-Nitrophenol	9.992	139	222457	89.794	ng	# 76
57) 2,4-Dinitrotoluene	10.069	165	170650	44.483	ng	93
58) Fluorene	10.427	166	564143	41.896	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	149084	43.033	ng	97
60) Diethylphthalate	10.298	149	577066	38.798	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	260572	39.198	ng	99
62) 4-Nitroaniline	10.445	138	144846	40.244	ng	97
63) Azobenzene	10.574	77	562790	39.970	ng	97
65) 4,6-Dinitro-2-methylph...	10.474	198	92488	50.919	ng	86
66) n-Nitrosodiphenylamine	10.533	169	490546	38.419	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	163448	38.526	ng	97
68) Hexachlorobenzene	10.969	284	187752	42.083	ng	98
69) Atrazine	11.063	200	158159	42.692	ng	96
70) Pentachlorophenol	11.169	266	194673	72.870	ng	99
71) Phenanthrene	11.386	178	790250	40.977	ng	100
72) Anthracene	11.439	178	811333	40.348	ng	100
73) Carbazole	11.598	167	744906	39.774	ng	99
74) Di-n-butylphthalate	11.921	149	854108	35.574	ng	100
75) Fluoranthene	12.574	202	857218	41.857	ng	97
77) Benzidine	12.698	184	310914	47.541	ng	99
78) Pyrene	12.810	202	866157	47.708	ng	99
80) Butylbenzylphthalate	13.421	149	277338	36.184	ng	96
81) Benzo(a)anthracene	13.998	228	575069	42.657	ng	100
82) 3,3'-Dichlorobenzidine	13.957	252	160349	35.777	ng	# 99
83) Chrysene	14.033	228	516791	40.530	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	289425	30.668	ng	99
85) Di-n-octyl phthalate	14.598	149	471572	35.163	ng	99
87) Indeno(1,2,3-cd)pyrene	16.939	276	733025	50.788	ng	98
88) Benzo(b)fluoranthene	15.045	252	549261	43.100	ng	99
89) Benzo(k)fluoranthene	15.074	252	515312	41.511	ng	99
90) Benzo(a)pyrene	15.409	252	489826	41.415	ng	99
91) Dibenzo(a,h)anthracene	16.956	278	599340	50.159	ng	99
92) Benzo(g,h,i)perylene	17.386	276	641007	54.107	ng	97

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



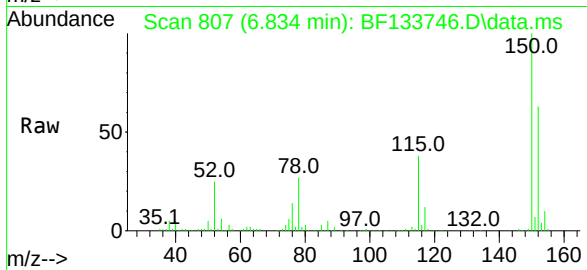
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

Instrument :

BNA_F

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PB153266BS

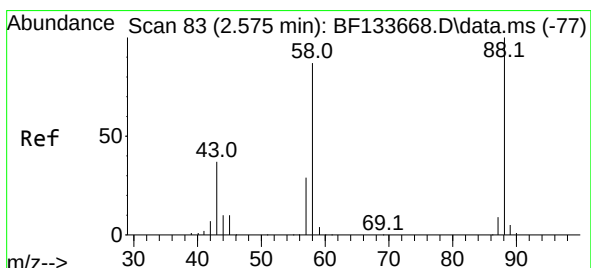
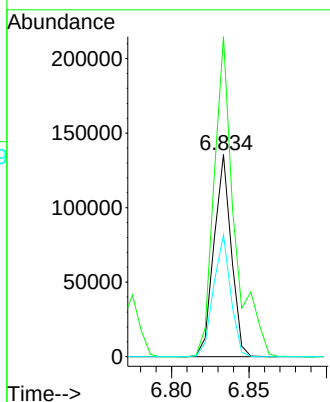
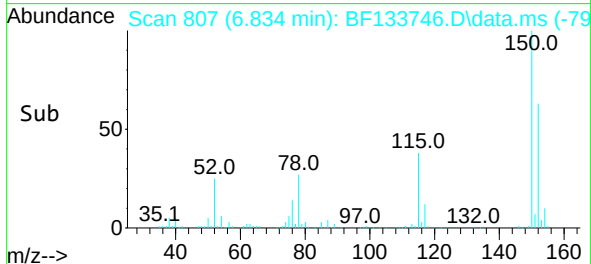


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Ion Ratio Lower Upper
152 100
150 158.4 124.3 186.5
115 60.3 48.5 72.7

Manual Integrations

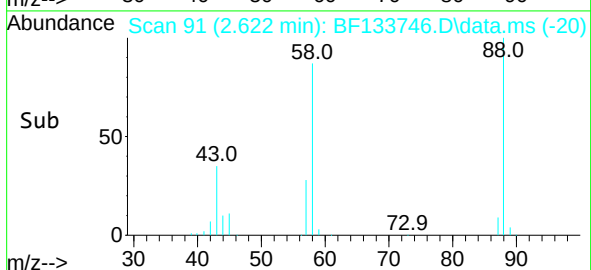
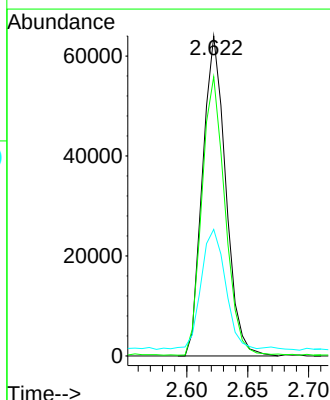
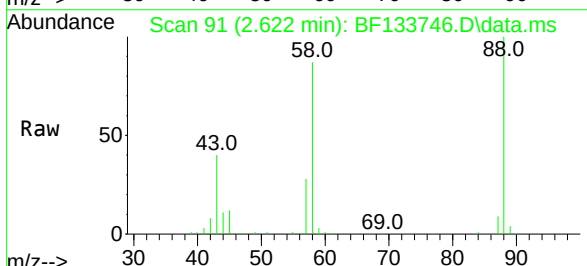
APPROVED

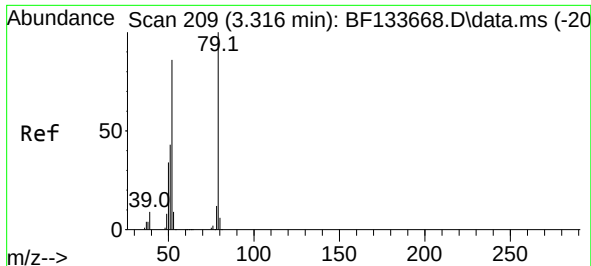
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#2
1,4-Dioxane
Concen: 31.959 ng
RT: 2.622 min Scan# 91
Delta R.T. 0.071 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

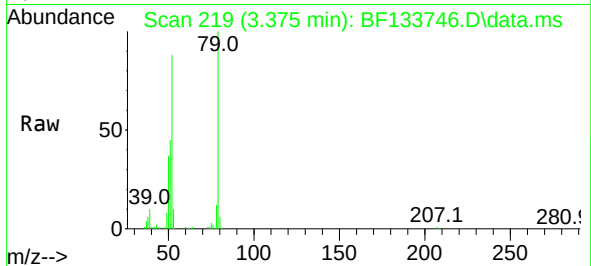
Tgt Ion: 88 Resp: 84763
Ion Ratio Lower Upper
88 100
58 86.9 67.8 101.6
43 38.8 29.8 44.6





#3
Pyridine
Concen: 29.276 ng
RT: 3.375 min Scan# 210
Delta R.T. 0.071 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

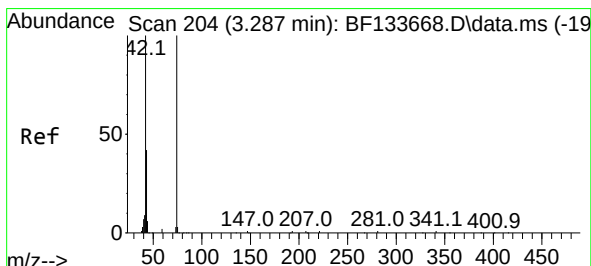
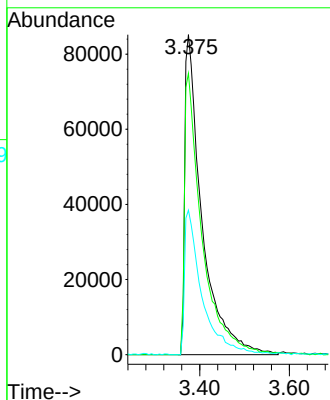
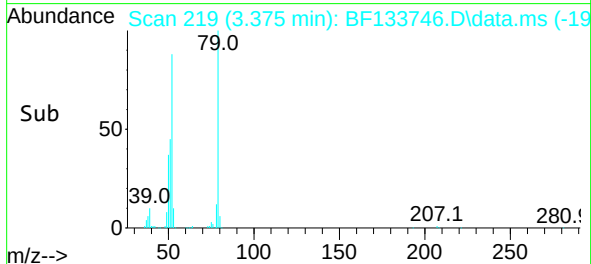
Instrument :
BNA_F
ClientSampleId :
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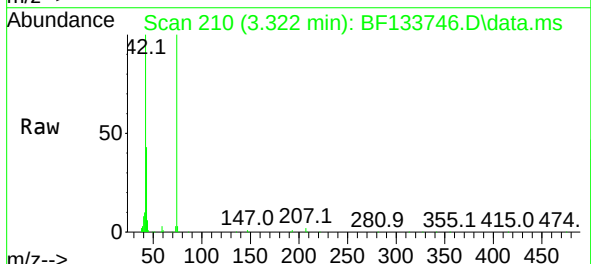
Tgt Ion: 79 Resp: 226318
Ion Ratio Lower Upper
79 100
52 87.9 68.6 102.8
51 45.2 34.8 52.2

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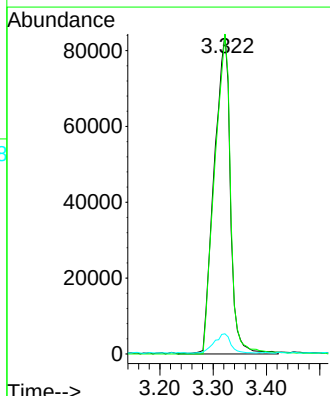
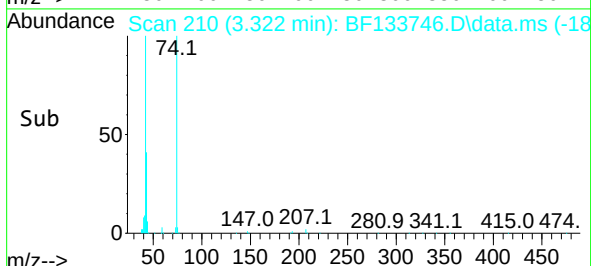
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

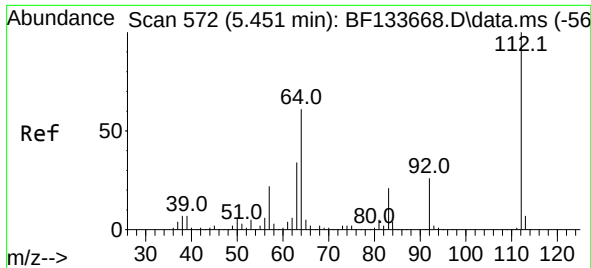


#4
n-Nitrosodimethylamine
Concen: 41.410 ng
RT: 3.322 min Scan# 210
Delta R.T. 0.065 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33



Tgt Ion: 42 Resp: 176953
Ion Ratio Lower Upper
42 100
74 100.1 79.8 119.8
44 6.3 4.7 7.1





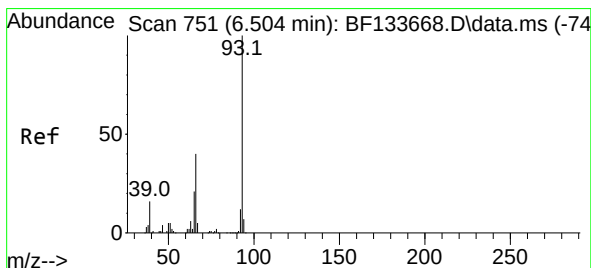
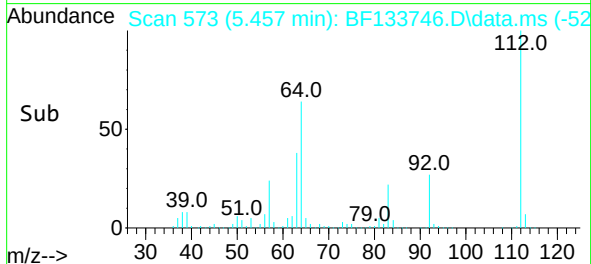
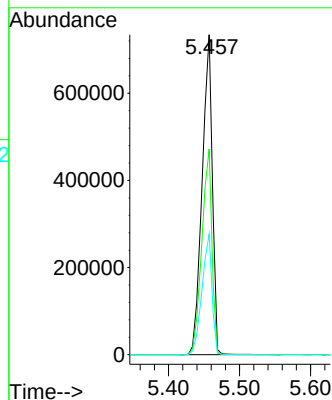
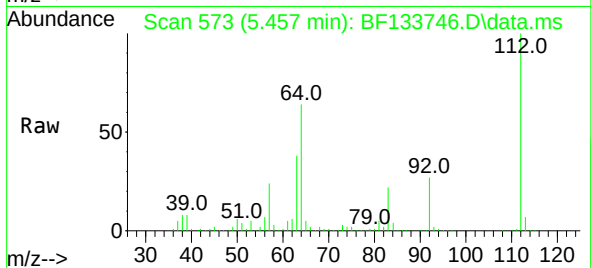
#5
2-Fluorophenol
Concen: 122.489 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

Instrument :
BNA_F
ClientSampleId :
PB153266BS

Tgt Ion:112 Resp: 73895
Ion Ratio Lower Upper
112 100
64 64.3 49.0 73.4
63 37.8 26.8 40.2

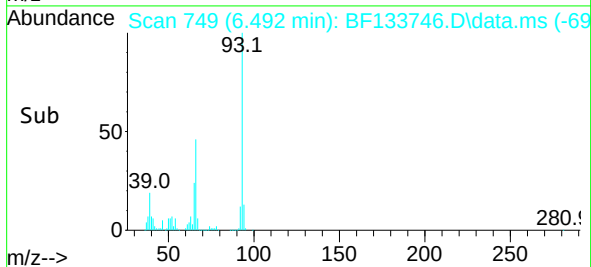
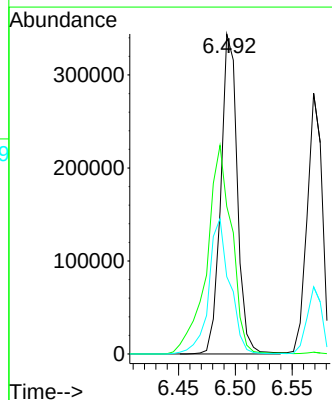
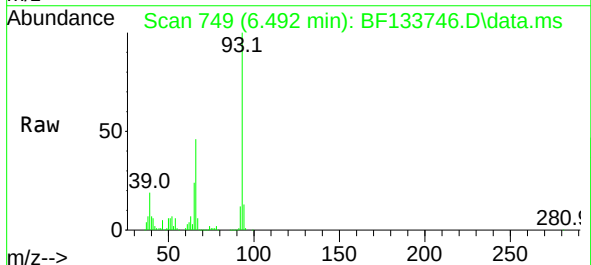
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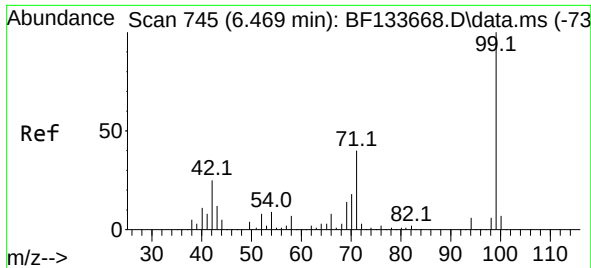
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#6
Aniline
Concen: 35.306 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

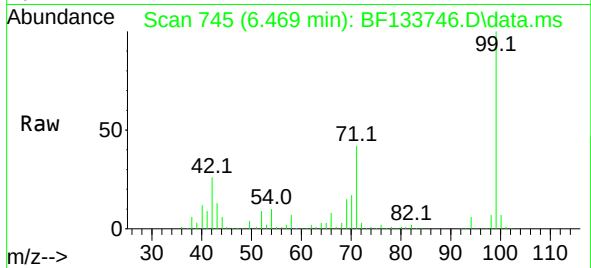
Tgt Ion: 93 Resp: 349194
Ion Ratio Lower Upper
93 100
66 46.1 34.4 51.6
65 24.1 17.5 26.3





#7
Phenol-d6
Concen: 113.929 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

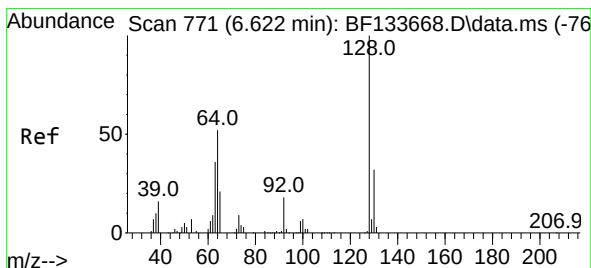
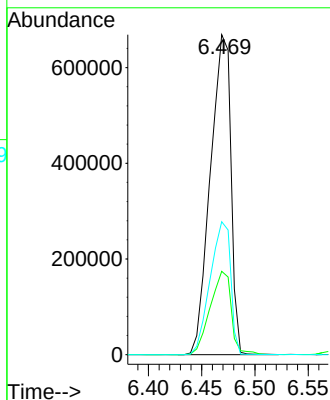
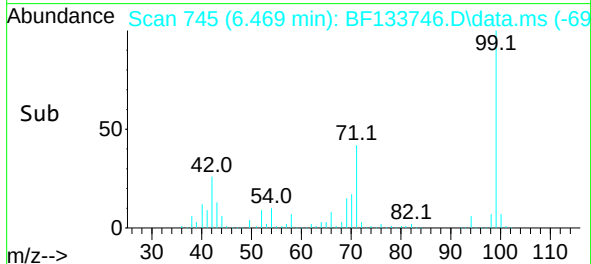
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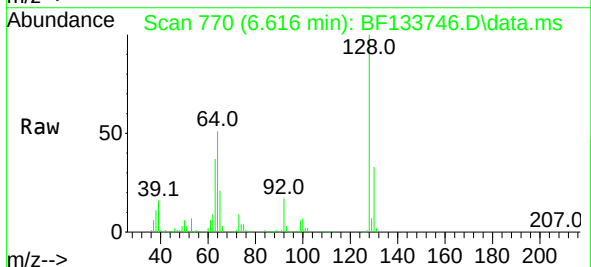
Tgt Ion: 99 Resp: 894650
Ion Ratio Lower Upper
99 100
42 26.1 19.9 29.9
71 41.5 32.2 48.4

Manual Integrations
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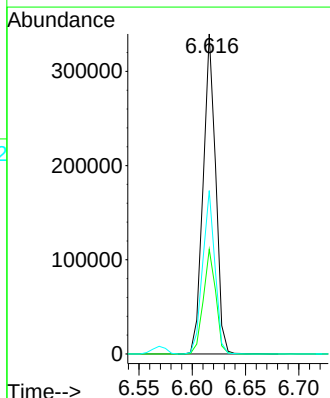
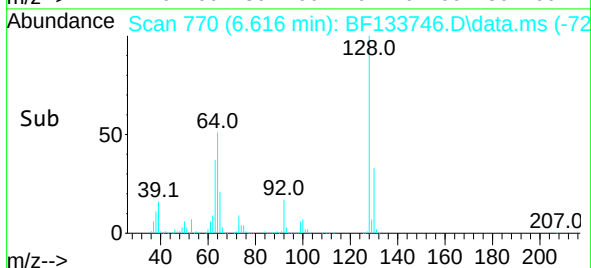
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

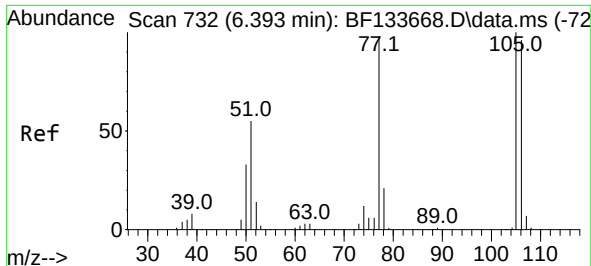


#8
2-Chlorophenol
Concen: 43.919 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.006 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33



Tgt Ion:128 Resp: 279223
Ion Ratio Lower Upper
128 100
130 32.7 12.3 52.3
64 51.1 33.1 73.1





#9
Benzaldehyde
Concen: 27.604 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.006 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

Instrument :

BNA_F

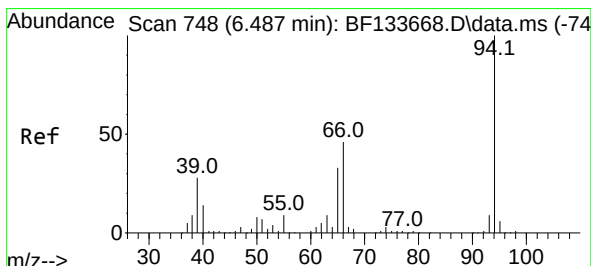
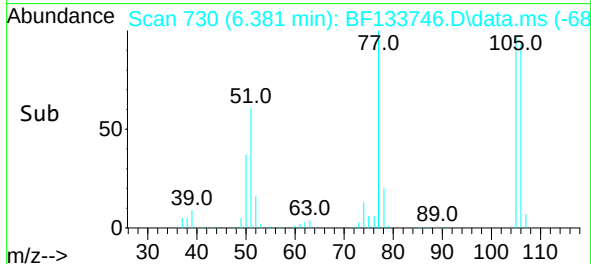
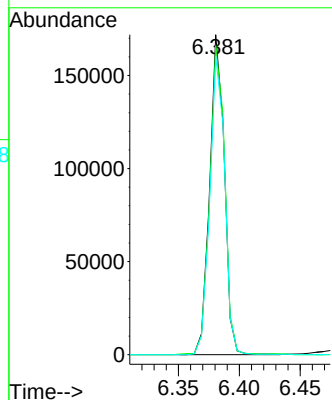
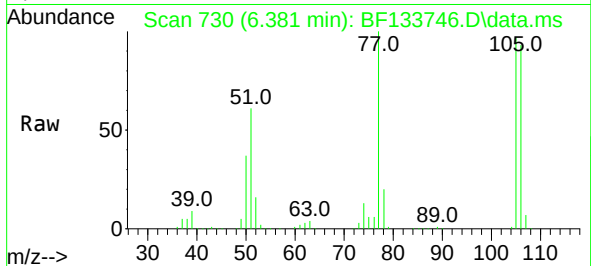
ClientSampleId :

PB153266BS

Tgt Ion: 77 Resp: 14381
Ion Ratio Lower Upper
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105 96.6 82.0 122.0
106 93.2 77.6 117.6

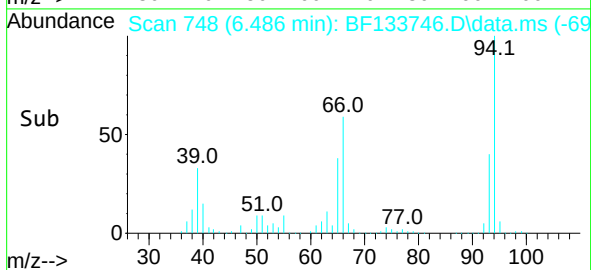
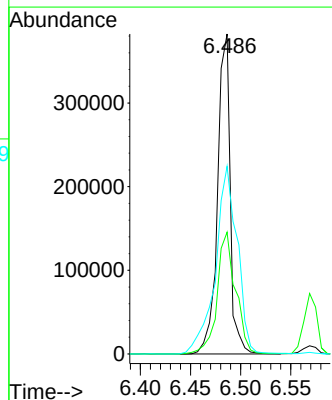
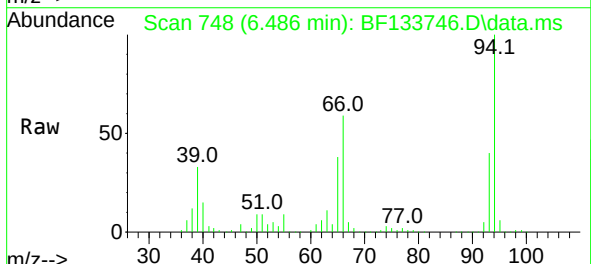
Manual Integrations
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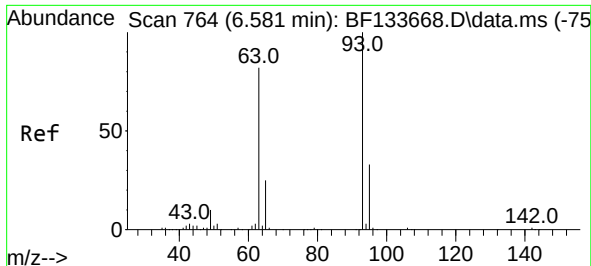
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#10
Phenol
Concen: 41.197 ng
RT: 6.486 min Scan# 748
Delta R.T. 0.006 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

Tgt Ion: 94 Resp: 337801
Ion Ratio Lower Upper
94 100
65 38.0 13.2 53.2
66 58.7 26.1 66.1





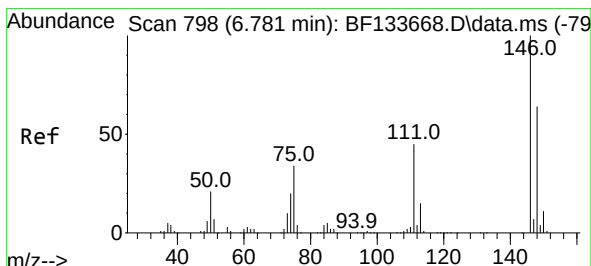
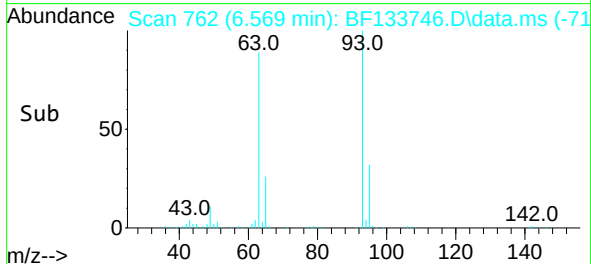
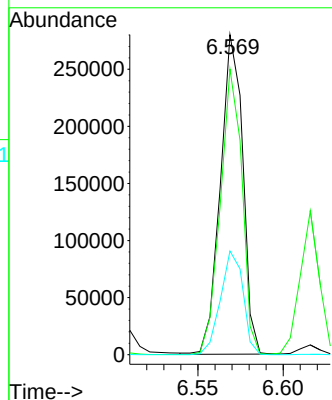
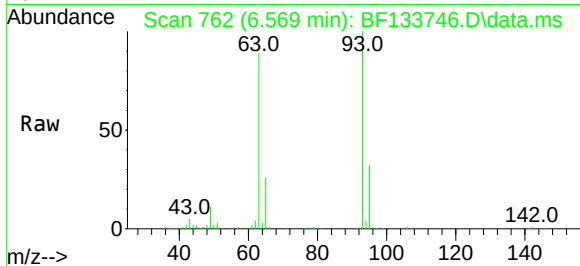
#11
bis(2-Chloroethyl)ether
Concen: 41.999 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.006 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

Instrument :
BNA_F
ClientSampleId :
PB153266BS

Tgt Ion: 93 Resp: 255668
Ion Ratio Lower Upper
93 100
63 89.3 62.1 102.1
95 32.4 13.0 53.0

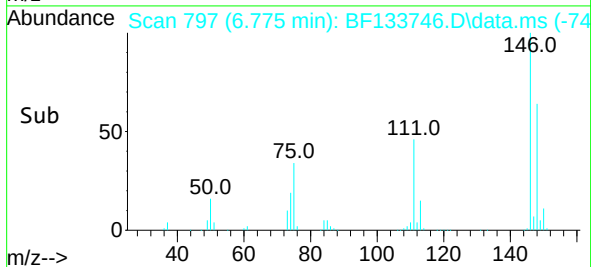
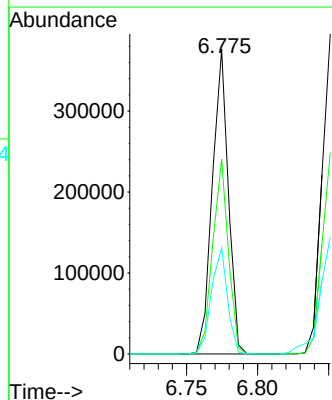
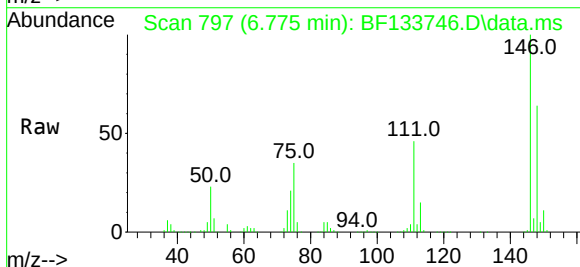
Manual Integrations
APPROVED

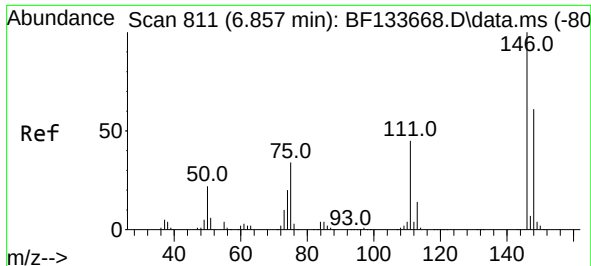
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#12
1,3-Dichlorobenzene
Concen: 43.443 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

Tgt Ion:146 Resp: 295096
Ion Ratio Lower Upper
146 100
148 63.9 50.9 76.3
75 34.8 27.1 40.7





#13

1,4-Dichlorobenzene

Concen: 43.256 ng

RT: 6.851 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB153266BS

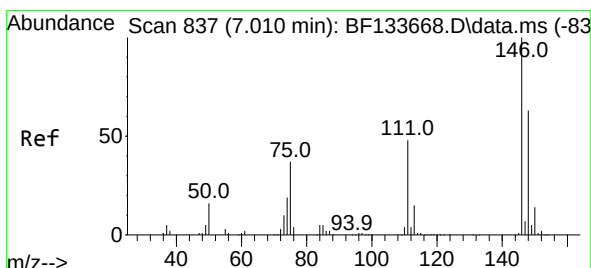
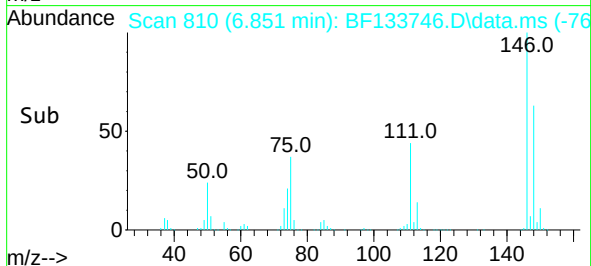
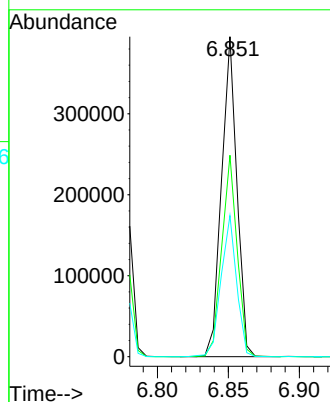
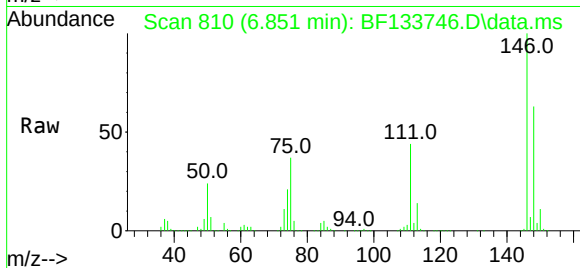
Tgt Ion:146 Resp: 296977
 Ion Ratio Lower Upper
 146 100
 148 62.9 48.9 73.3
 111 44.1 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/15/2023

Supervised By :mohammad ahmed 06/16/2023



#14

1,2-Dichlorobenzene

Concen: 45.862 ng

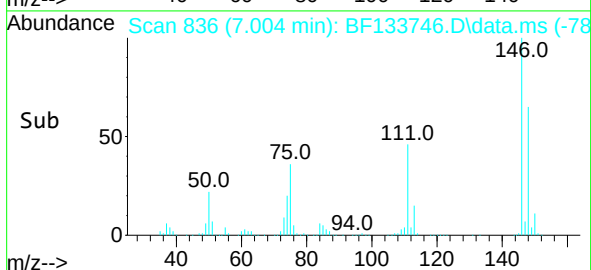
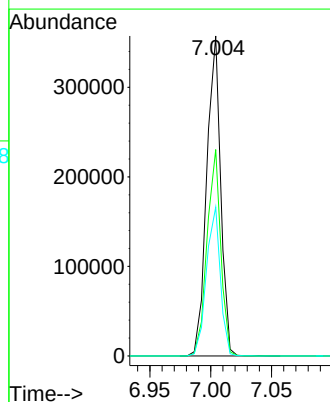
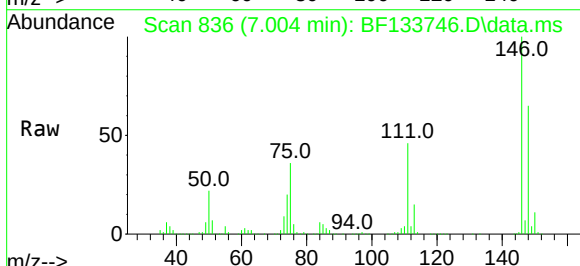
RT: 7.004 min Scan# 836

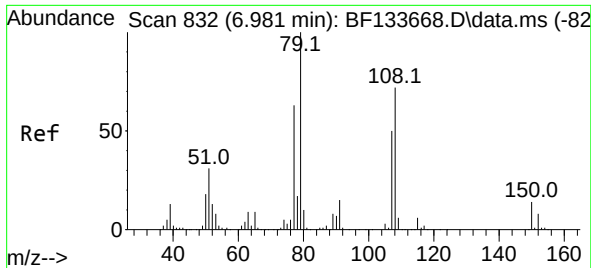
Delta R.T. -0.006 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

Tgt Ion:146 Resp: 284511
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.6 75.8
 111 46.5 38.7 58.1





#15
Benzyl Alcohol
Concen: 42.492 ng
RT: 6.975 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

Instrument :

BNA_F

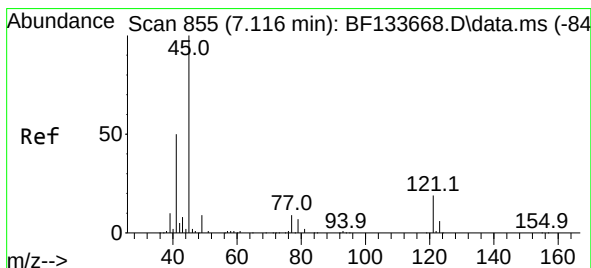
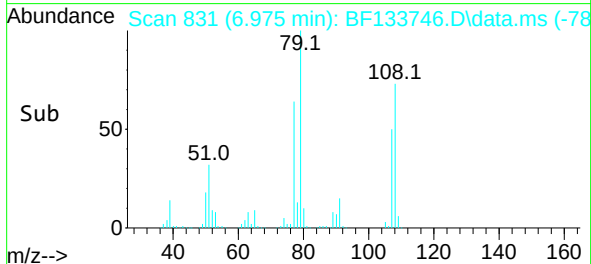
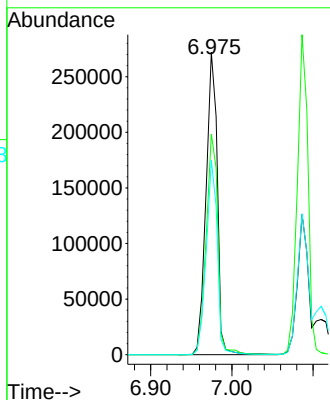
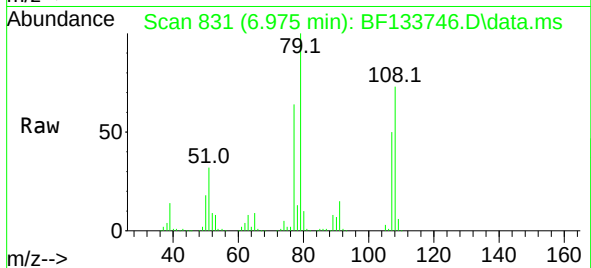
ClientSampleId :

PB153266BS

Tgt Ion: 79 Resp: 26061
Ion Ratio Lower Upper
79 100
108 73.0 57.9 86.9
77 64.4 50.4 75.6

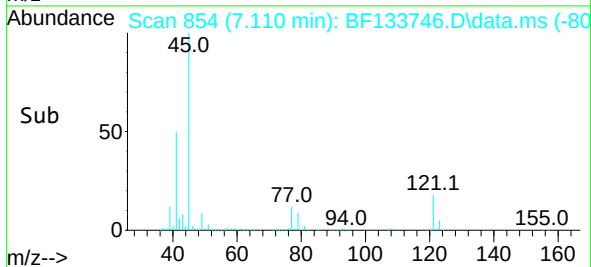
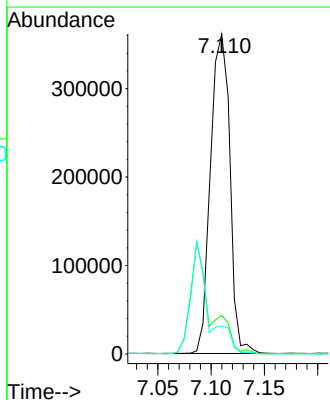
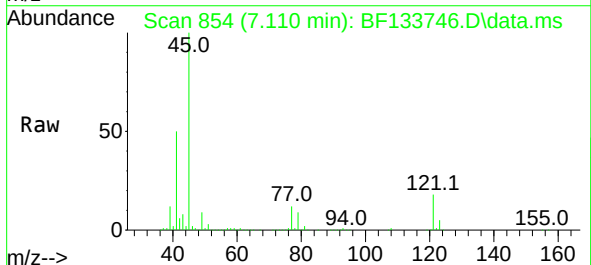
Manual Integrations
APPROVED

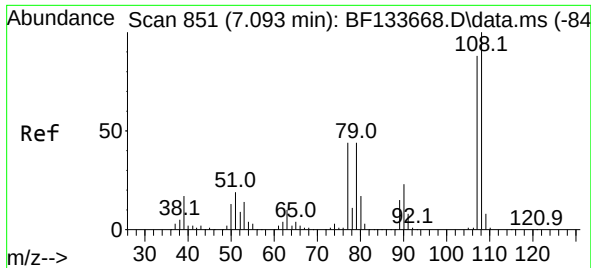
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.070 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

Tgt Ion: 45 Resp: 454765
Ion Ratio Lower Upper
45 100
77 12.0 0.0 32.3
79 8.7 0.0 29.4





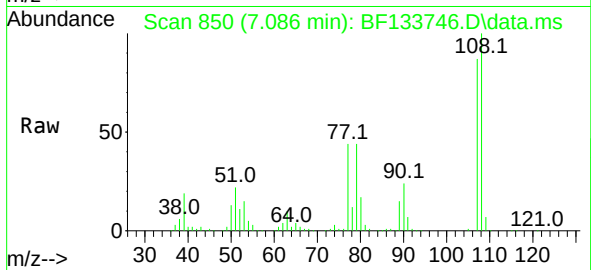
#17
2-Methylphenol
Concen: 40.832 ng
RT: 7.086 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB153266BS

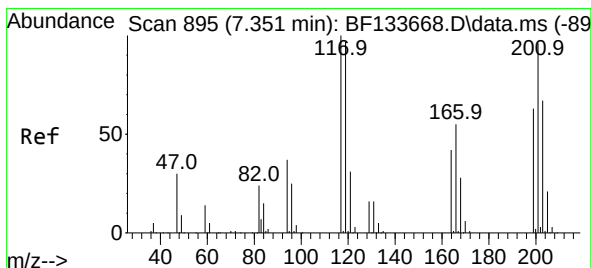
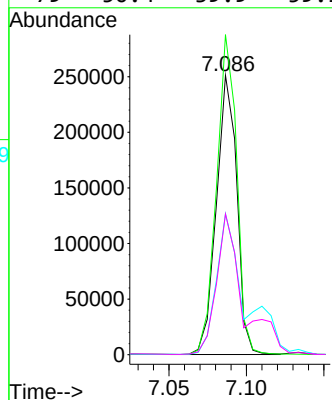


Tgt Ion:107 Resp: 230090
Ion Ratio Lower Upper
107 100
108 114.6 90.9 136.3
77 50.5 39.8 59.6
79 50.4 39.9 59.9

Manual Integrations

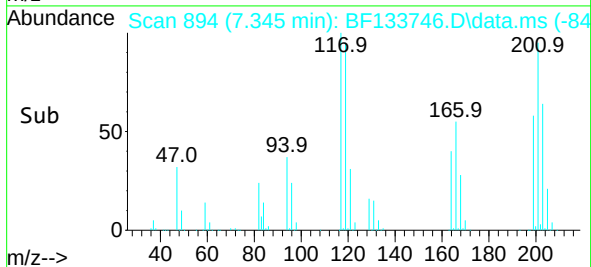
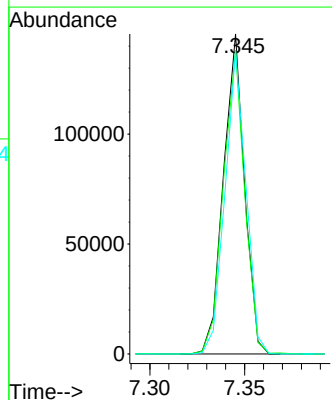
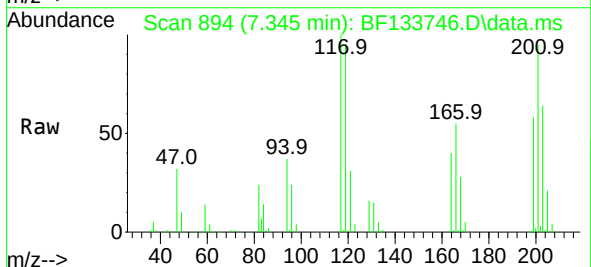
APPROVED

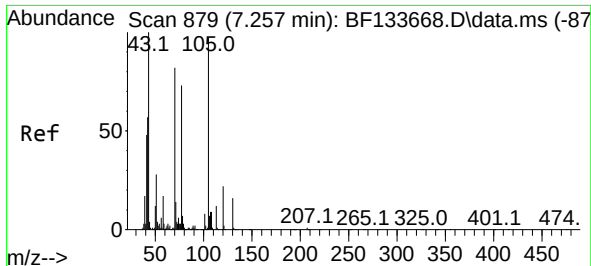
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#18
Hexachloroethane
Concen: 47.846 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

Tgt Ion:117 Resp: 112457
Ion Ratio Lower Upper
117 100
119 94.9 77.3 115.9
201 94.9 76.8 115.2





#19

n-Nitroso-di-n-propylamine

Concen: 39.030 ng

RT: 7.251 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF133746.D

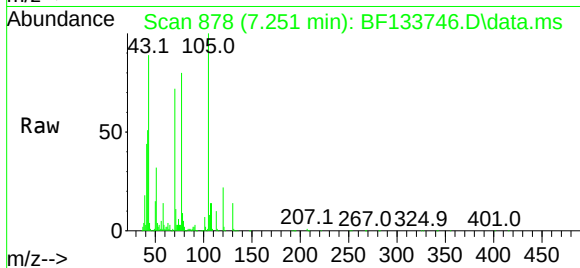
Acq: 14 Jun 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB153266BS



Tgt Ion: 70 Resp: 19500

Ion Ratio Lower Upper

70 100

42 71.3 55.8 83.8

101 9.8 8.1 12.1

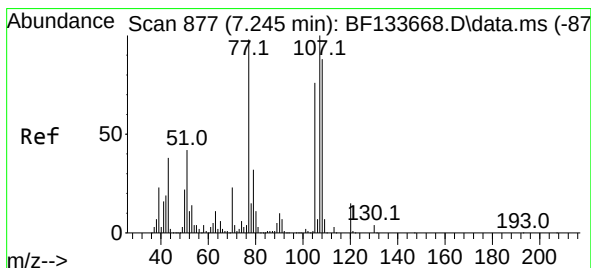
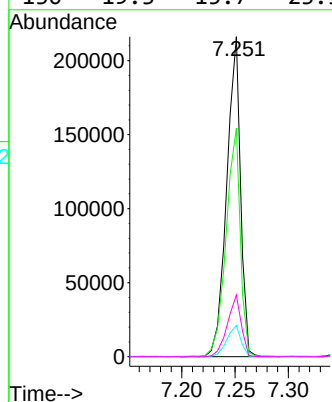
130 19.3 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/15/2023

Supervised By :mohammad ahmed 06/16/2023



#20

3+4-Methylphenols

Concen: 37.727 ng

RT: 7.239 min Scan# 876

Delta R.T. -0.006 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

Tgt Ion:107 Resp: 276562

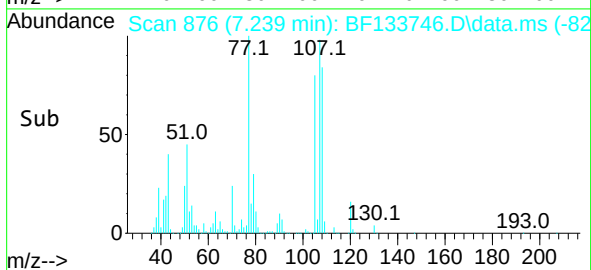
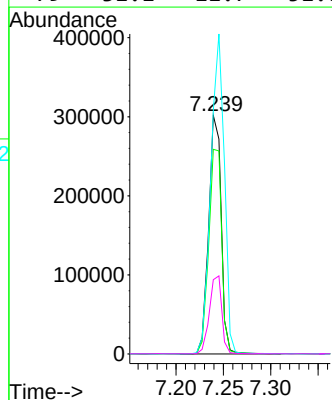
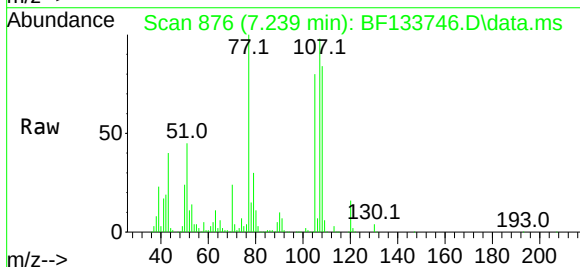
Ion Ratio Lower Upper

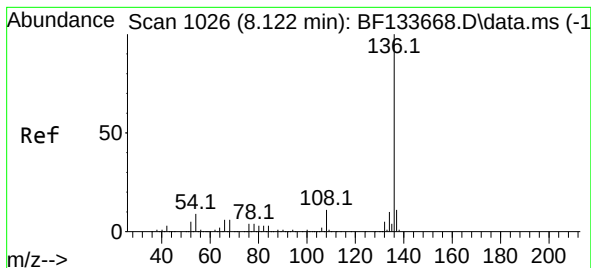
107 100

108 85.8 67.9 107.9

77 102.0 77.7 117.7

79 31.1 11.7 51.7





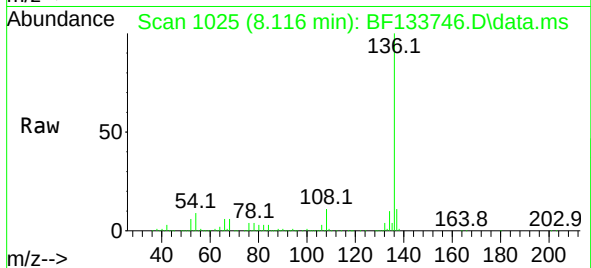
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB153266BS

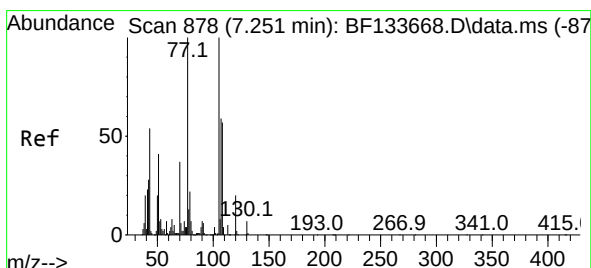
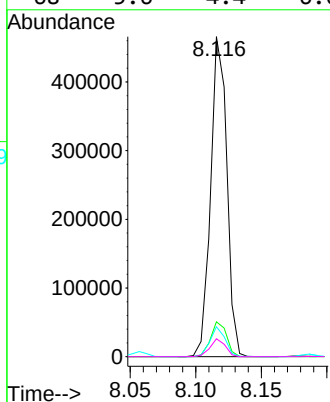
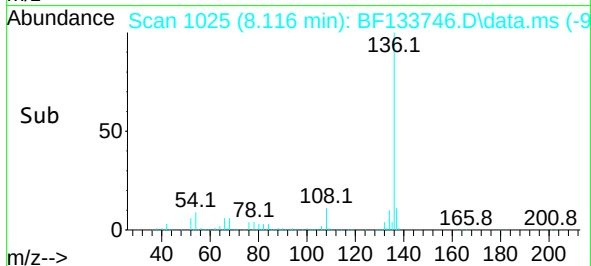


Tgt Ion:136 Resp: 400935
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.4 7.4 11.0
68 5.6 4.4 6.6

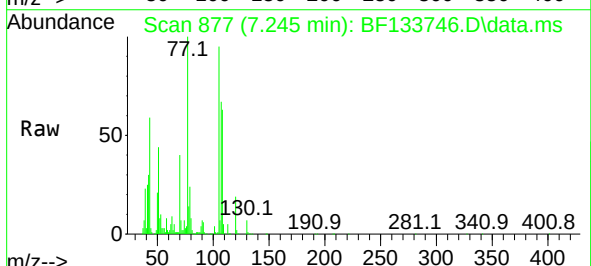
Manual Integrations

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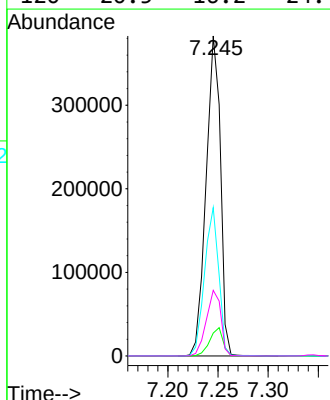
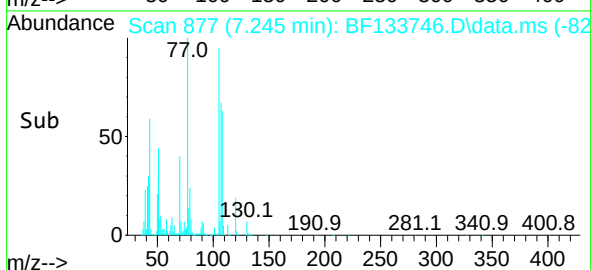
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

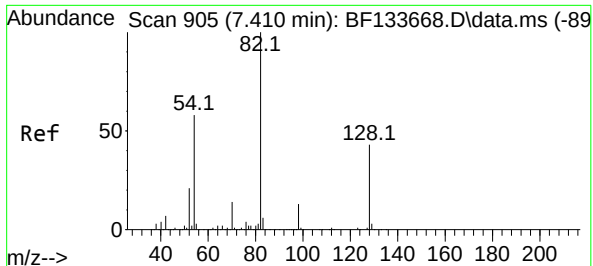


#22
Acetophenone
Concen: 41.647 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33



Tgt Ion:105 Resp: 382974
Ion Ratio Lower Upper
105 100
71 7.2 4.8 7.2
51 46.3 33.0 49.4
120 20.5 16.2 24.4





#23

Nitrobenzene-d5

Concen: 83.250 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB153266BS

Tgt Ion: 82 Resp: 612808

Ion Ratio Lower Upper

82 100

128 42.8 34.2 51.2

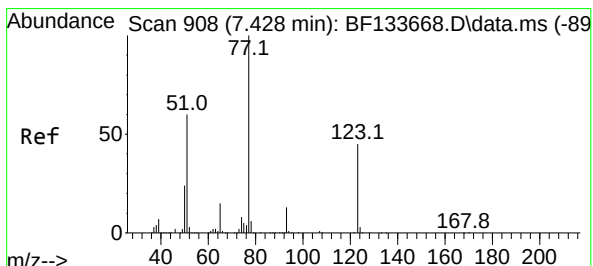
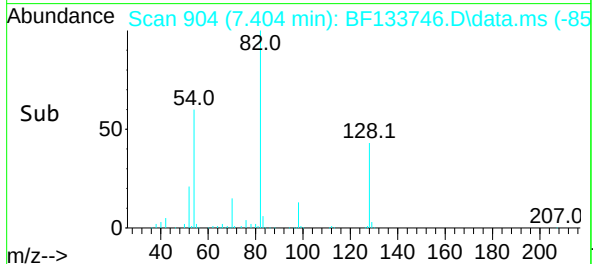
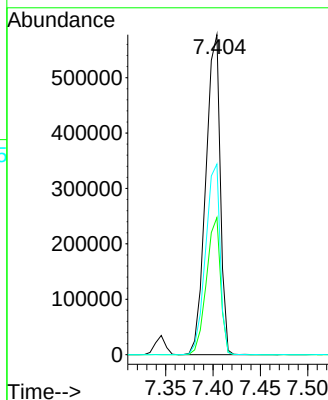
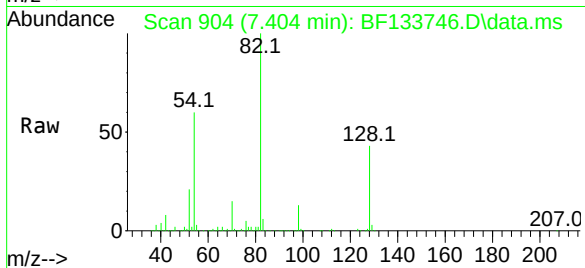
54 59.5 46.5 69.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/15/2023

Supervised By :mohammad ahmed 06/16/2023



#24

Nitrobenzene

Concen: 41.259 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.000 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

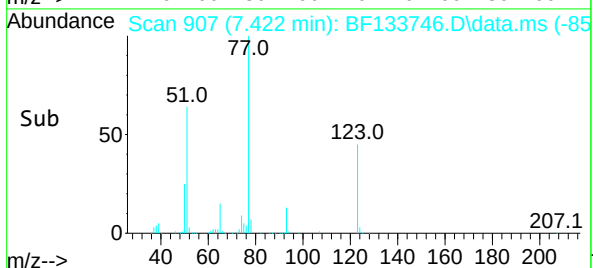
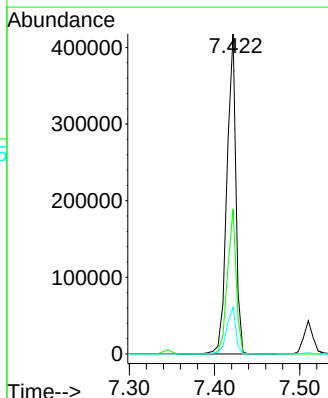
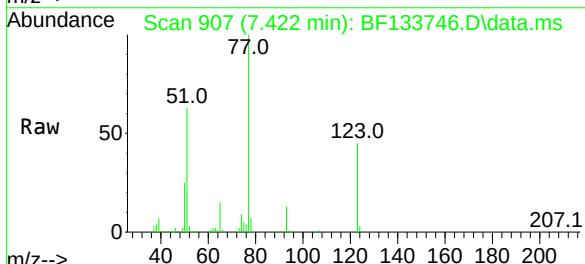
Tgt Ion: 77 Resp: 305816

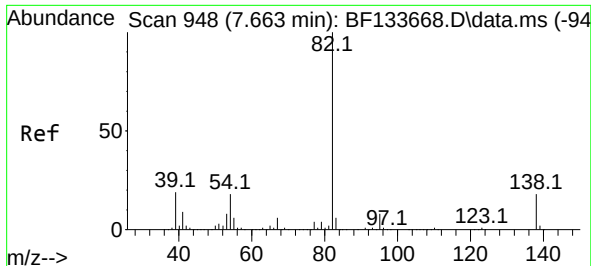
Ion Ratio Lower Upper

77 100

123 45.2 35.8 53.8

65 14.6 11.6 17.4





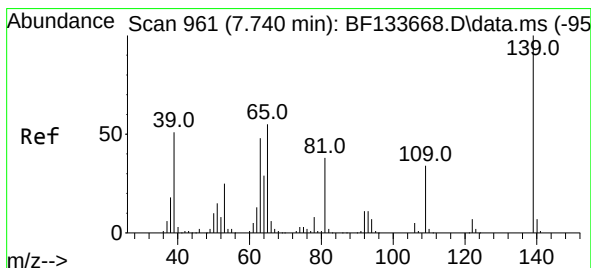
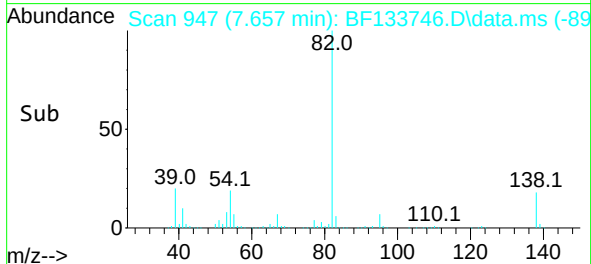
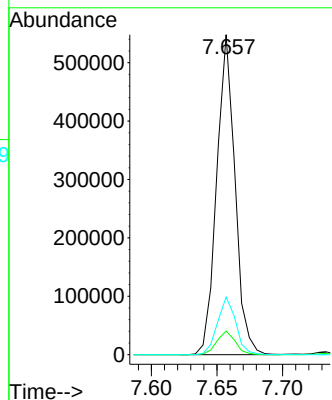
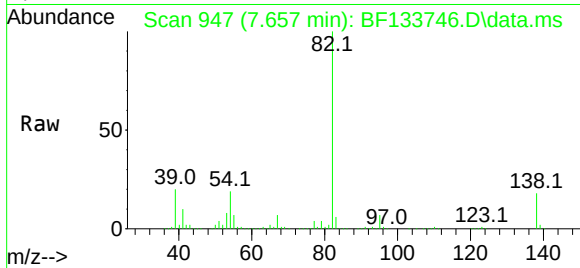
#25
Isophorone
Concen: 39.448 ng
RT: 7.657 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

Instrument :
BNA_F
ClientSampleId :
PB153266BS

Tgt Ion: 82 Resp: 53310
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 18.0 14.2 21.2

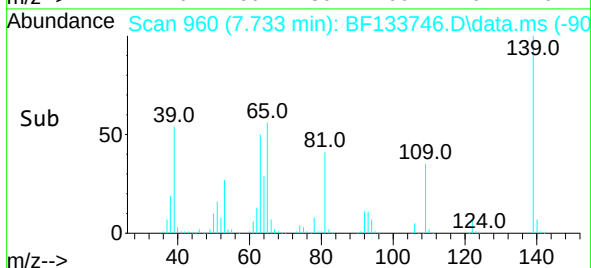
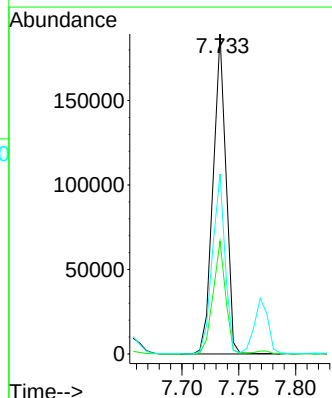
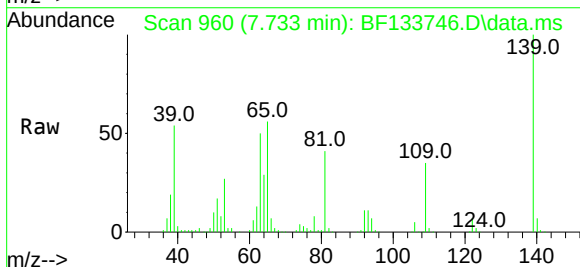
Manual Integrations
APPROVED

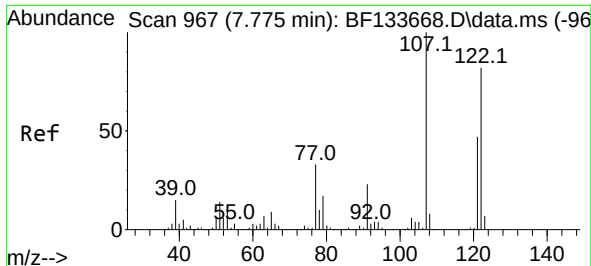
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#26
2-Nitrophenol
Concen: 45.177 ng
RT: 7.733 min Scan# 960
Delta R.T. -0.000 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

Tgt Ion:139 Resp: 150282
Ion Ratio Lower Upper
139 100
109 35.2 27.0 40.6
65 56.2 44.2 66.4





#27
2,4-Dimethylphenol
Concen: 41.772 ng
RT: 7.769 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

Instrument :

BNA_F

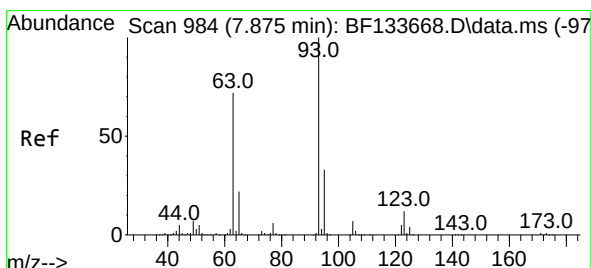
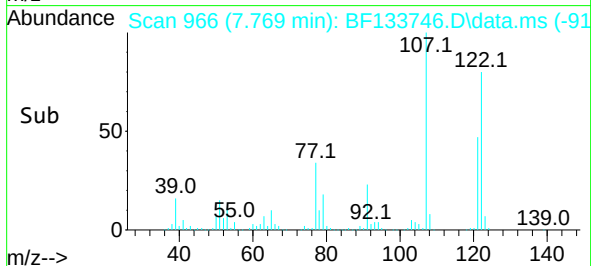
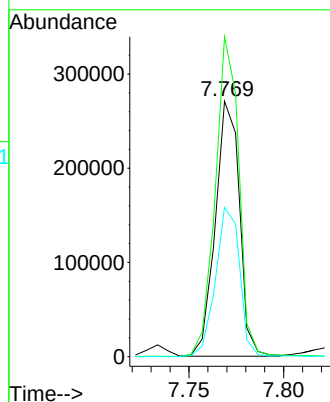
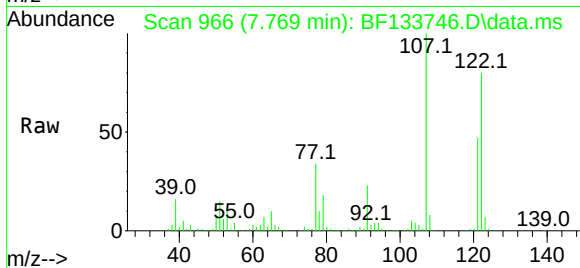
ClientSampleId :

PB153266BS

Tgt Ion:122 Resp: 23950
Ion Ratio Lower Upper
122 100
107 125.3 97.8 146.6
121 58.4 46.1 69.1

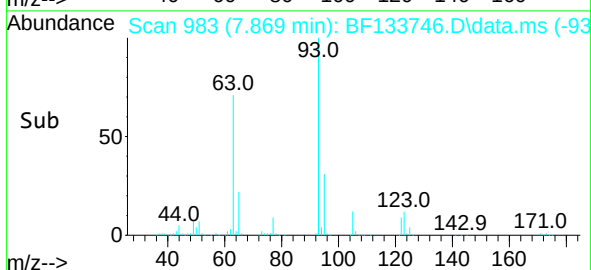
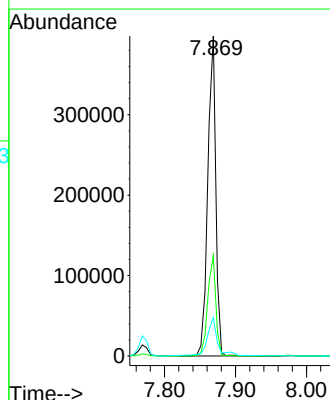
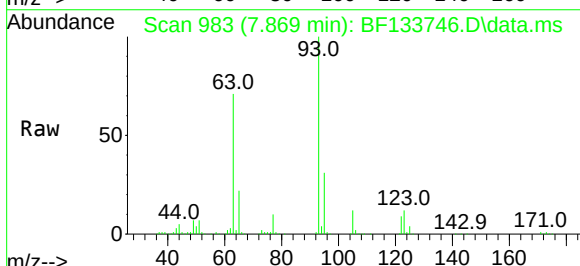
Manual Integrations
APPROVED

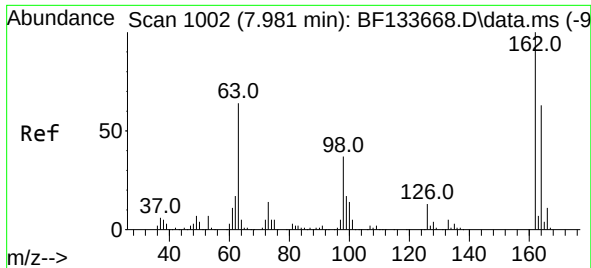
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#28
bis(2-Chloroethoxy)methane
Concen: 39.987 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

Tgt Ion: 93 Resp: 312322
Ion Ratio Lower Upper
93 100
95 31.3 26.4 39.6
123 12.0 9.9 14.9





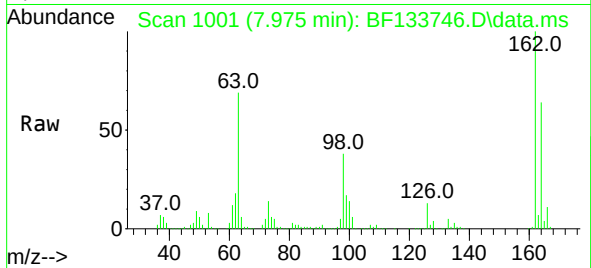
#29
2,4-Dichlorophenol
Concen: 40.764 ng
RT: 7.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB153266BS



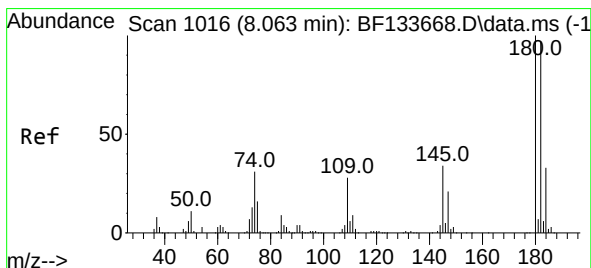
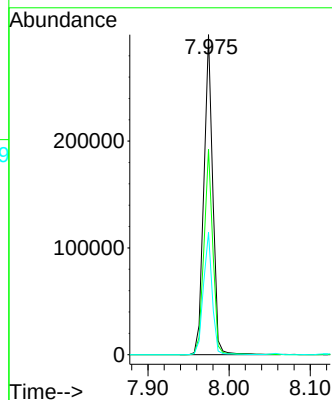
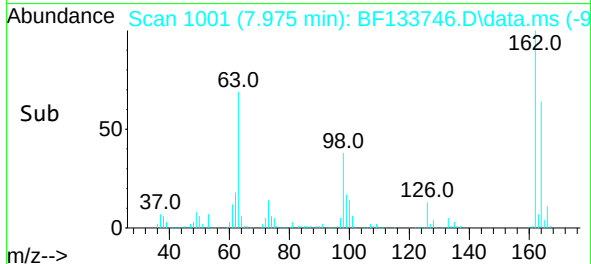
Tgt Ion:162 Resp: 229068
Ion Ratio Lower Upper
162 100
164 64.2 43.4 83.4
98 38.2 17.4 57.4

Manual Integrations

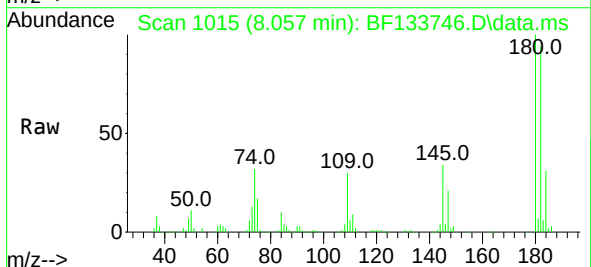
APPROVED

Reviewed By :Yogesh Patel 06/15/2023

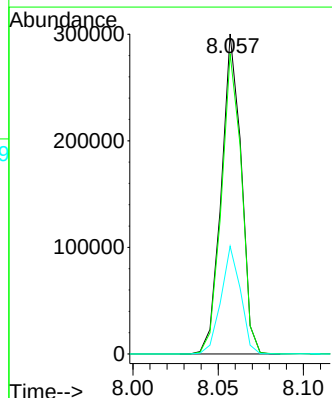
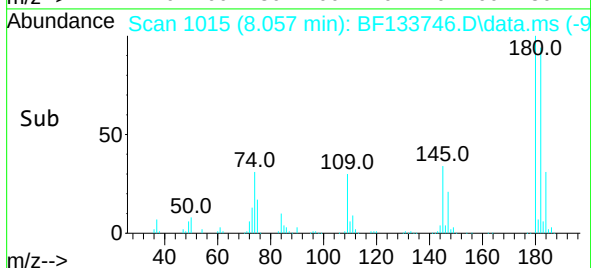
Supervised By :mohammad ahmed 06/16/2023

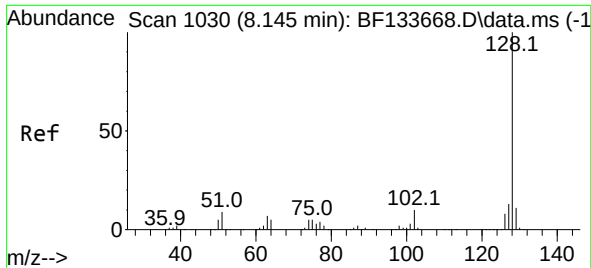


#30
1,2,4-Trichlorobenzene
Concen: 41.503 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33



Tgt Ion:180 Resp: 243322
Ion Ratio Lower Upper
180 100
182 93.8 77.8 116.8
145 33.6 27.0 40.4





#31
Naphthalene
Concen: 39.269 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

Instrument :

BNA_F

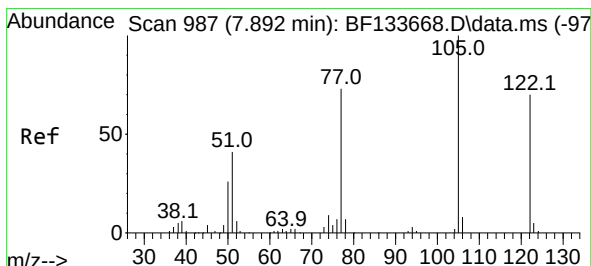
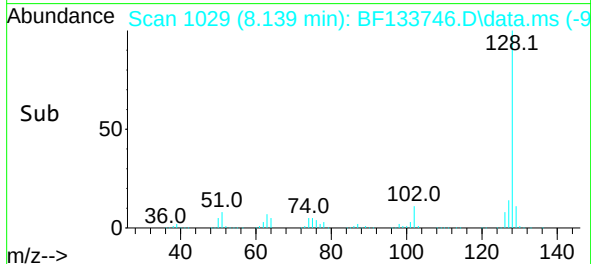
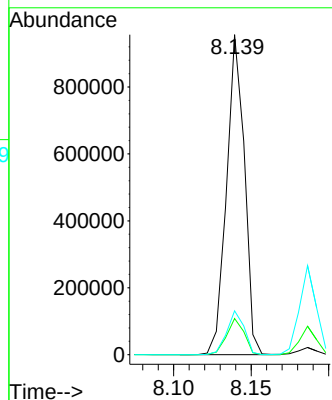
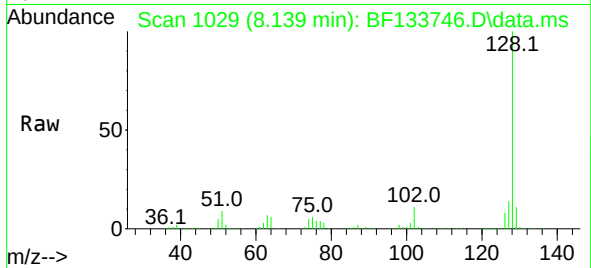
ClientSampleId :

PB153266BS

Tgt Ion:128 Resp: 767068
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.7 10.5 15.7

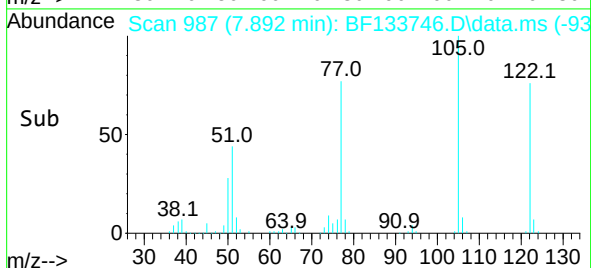
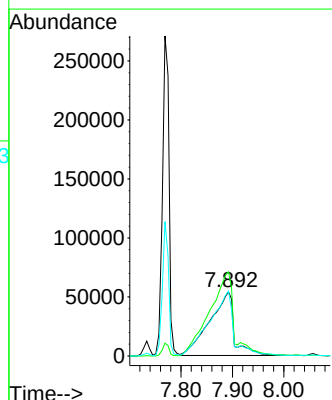
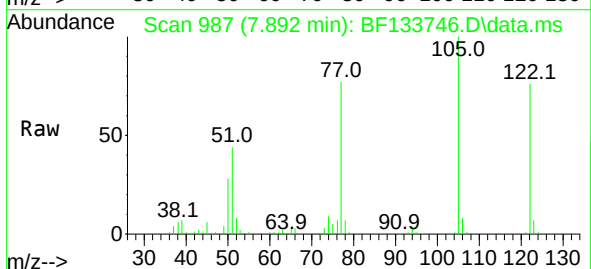
Manual Integrations
APPROVED

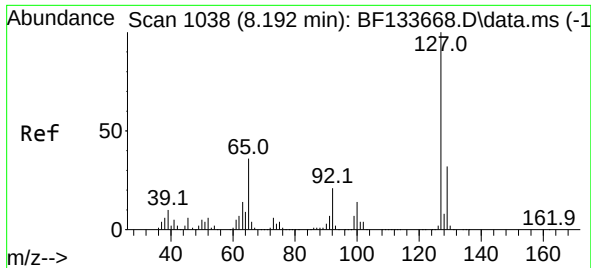
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#32
Benzoic acid
Concen: 49.508 ng m
RT: 7.892 min Scan# 987
Delta R.T. -0.000 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

Tgt Ion:122 Resp: 179023
Ion Ratio Lower Upper
122 100
105 131.5 116.3 156.3
77 101.4 82.4 122.4





#33
4-Chloroaniline
Concen: 24.830 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

Instrument :

BNA_F

ClientSampleId :

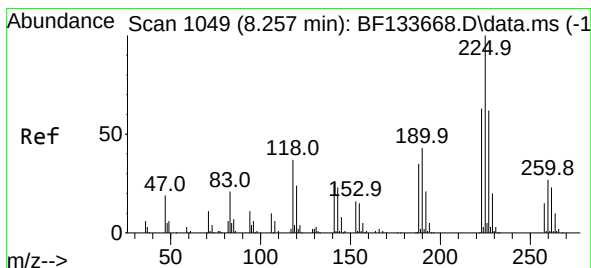
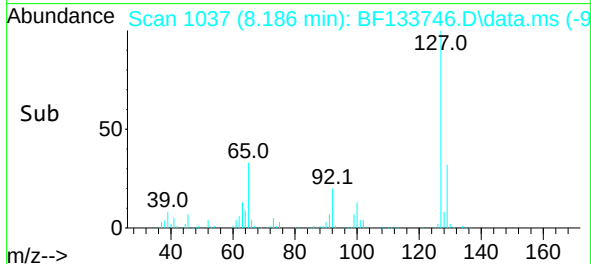
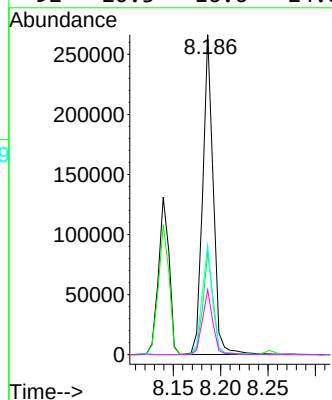
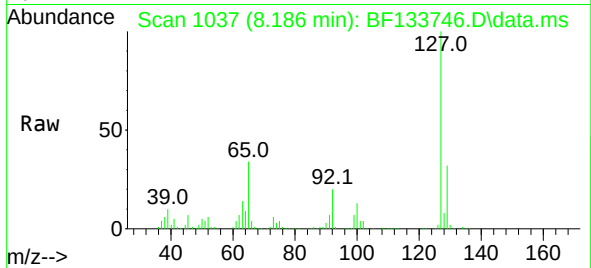
PB153266BS

Tgt Ion:127 Resp: 20738
Ion Ratio Lower Upper
127 100
129 32.0 25.6 38.4
65 34.2 28.9 43.3
92 20.3 16.6 24.8

Manual Integrations

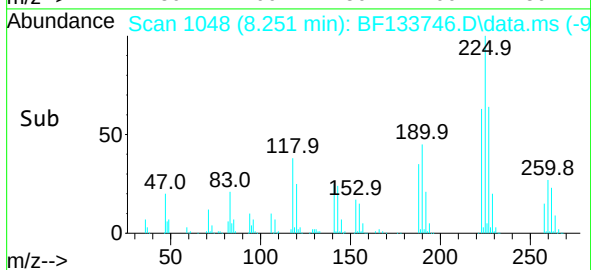
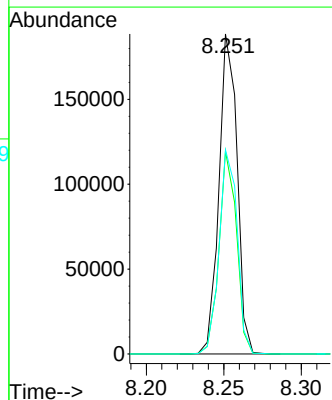
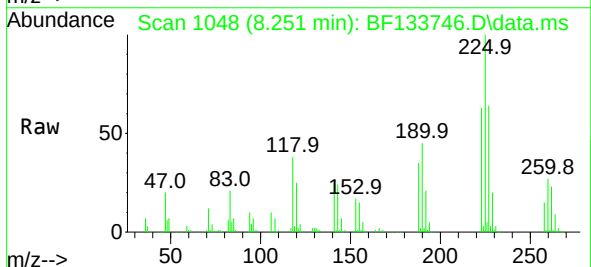
APPROVED

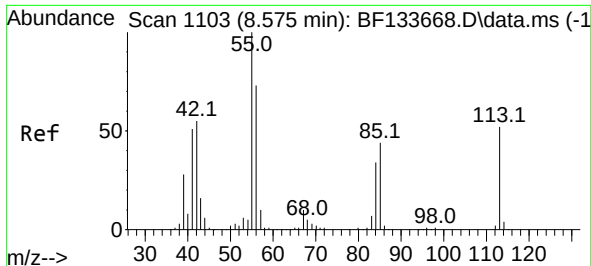
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#34
Hexachlorobutadiene
Concen: 39.894 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

Tgt Ion:225 Resp: 153136
Ion Ratio Lower Upper
225 100
223 63.3 50.2 75.4
227 63.8 49.5 74.3





#35
 Caprolactam
 Concen: 42.401 ng m
 RT: 8.563 min Scan# 1101
 Delta R.T. -0.006 min
 Lab File: BF133746.D
 Acq: 14 Jun 2023 11:33

Instrument :

BNA_F

ClientSampleId :

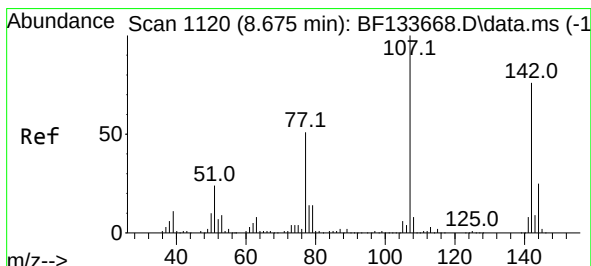
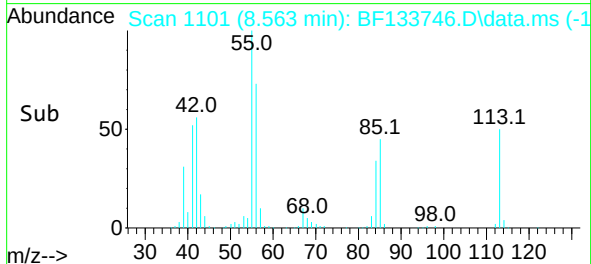
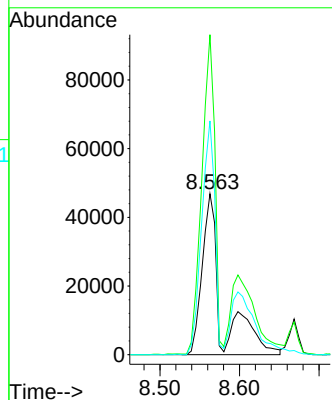
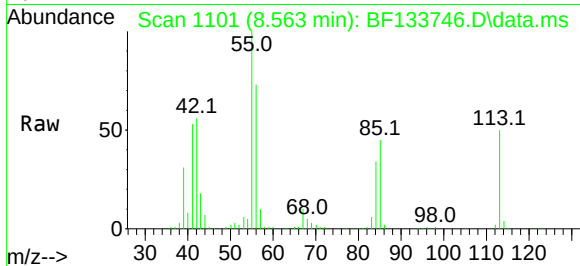
PB153266BS

Tgt Ion:113 Resp: 8017
 Ion Ratio Lower Upper
 113 100
 55 198.9 173.3 213.3
 56 145.3 120.5 160.5

Manual Integrations

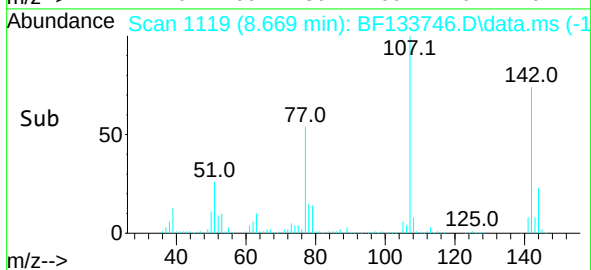
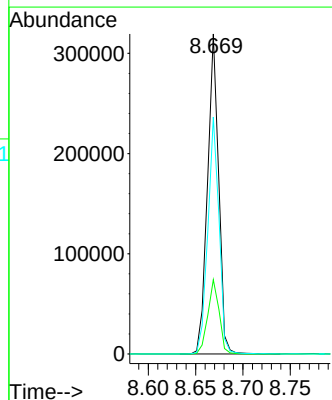
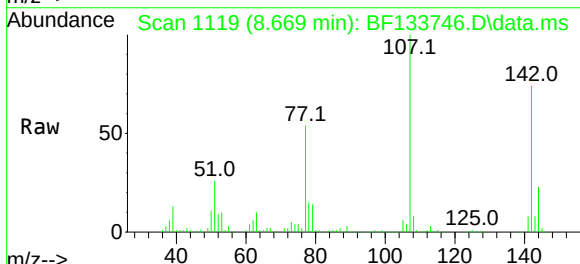
APPROVED

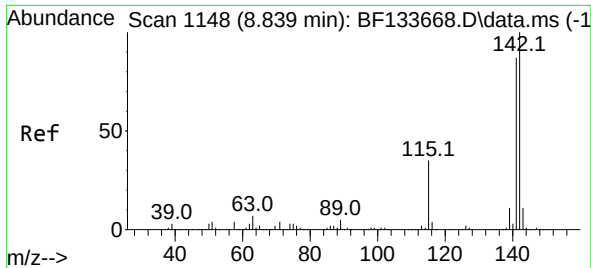
Reviewed By :Yogesh Patel 06/15/2023
 Supervised By :mohammad ahmed 06/16/2023



#36
 4-Chloro-3-methylphenol
 Concen: 40.313 ng
 RT: 8.669 min Scan# 1119
 Delta R.T. -0.000 min
 Lab File: BF133746.D
 Acq: 14 Jun 2023 11:33

Tgt Ion:107 Resp: 261115
 Ion Ratio Lower Upper
 107 100
 144 23.2 19.7 29.5
 142 74.1 61.1 91.7





#37
2-Methylnaphthalene
Concen: 38.248 ng
RT: 8.833 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

Instrument :

BNA_F

ClientSampleId :

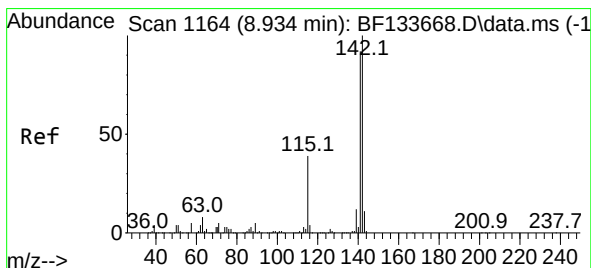
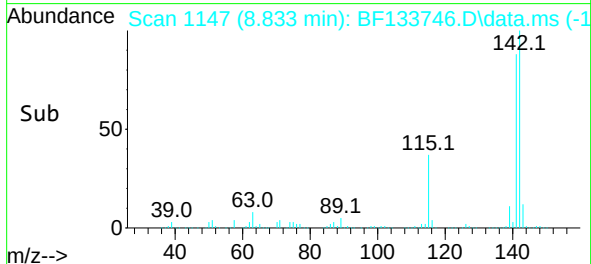
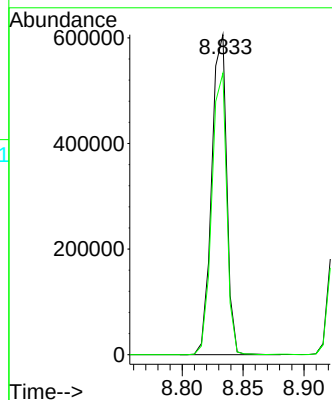
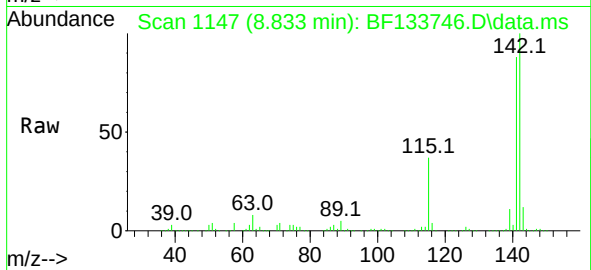
PB153266BS

Tgt Ion:142 Resp: 519100
Ion Ratio Lower Upper
142 100
141 87.9 69.8 104.8

Manual Integrations

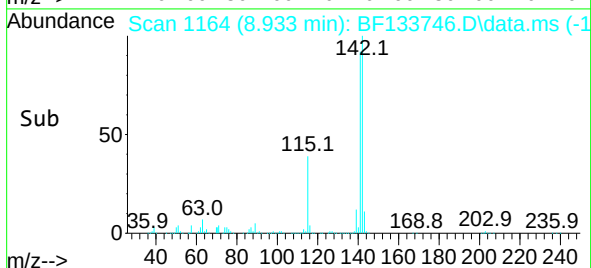
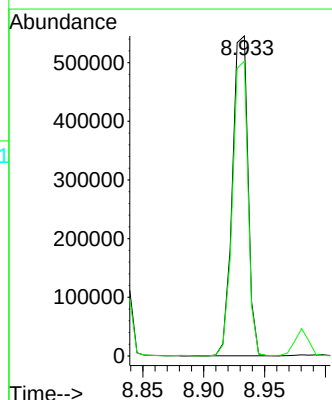
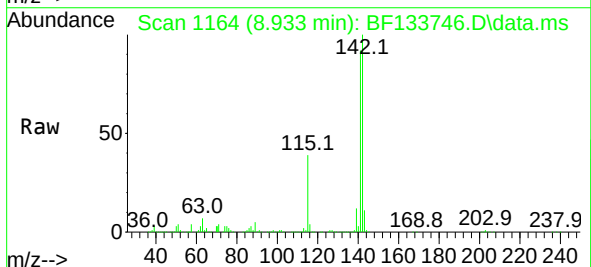
APPROVED

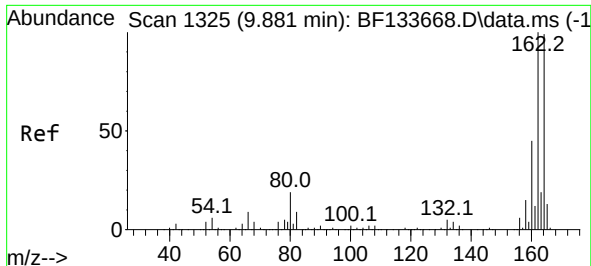
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#38
1-Methylnaphthalene
Concen: 38.983 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

Tgt Ion:142 Resp: 486859
Ion Ratio Lower Upper
142 100
141 92.1 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.874 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF133746.D

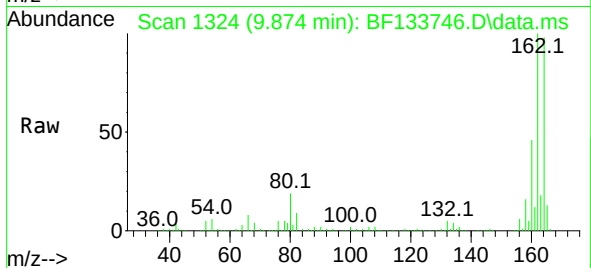
Acq: 14 Jun 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB153266BS



Tgt Ion:164 Resp: 19578

Ion Ratio Lower Upper

164 100

162 102.4 80.8 121.2

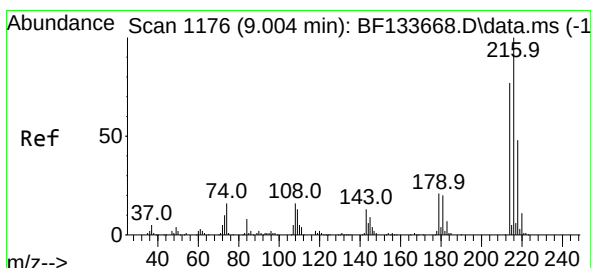
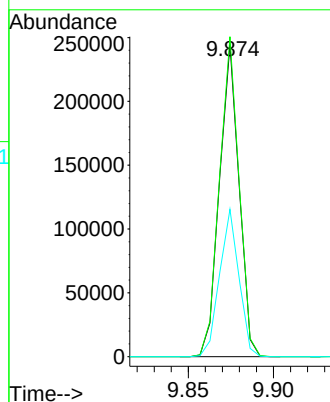
160 47.2 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/15/2023

Supervised By :mohammad ahmed 06/16/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.853 ng

RT: 8.998 min Scan# 1175

Delta R.T. -0.000 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

Tgt Ion:216 Resp: 243162

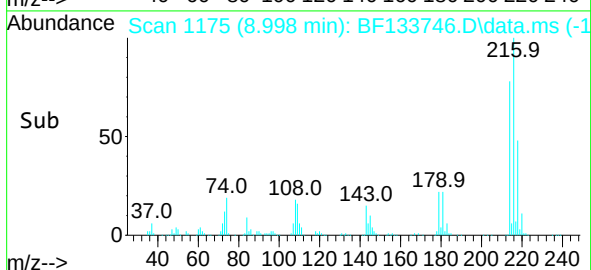
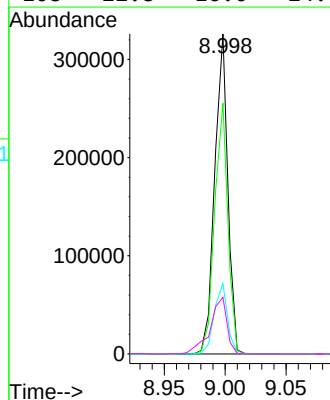
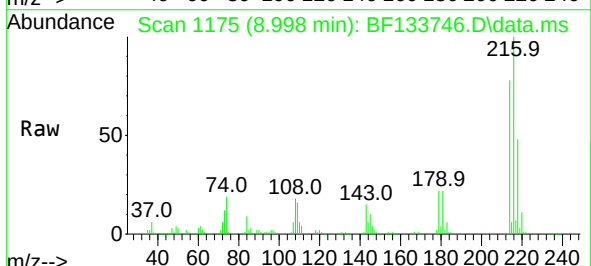
Ion Ratio Lower Upper

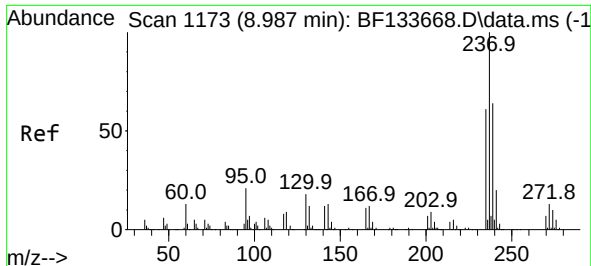
216 100

214 79.1 62.7 94.1

179 22.2 17.6 26.4

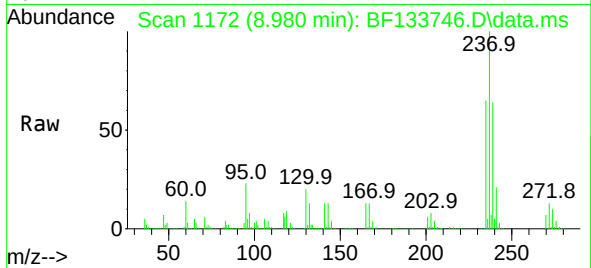
108 22.8 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 108.484 ng
RT: 8.980 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

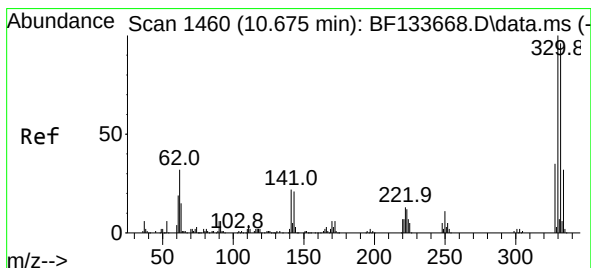
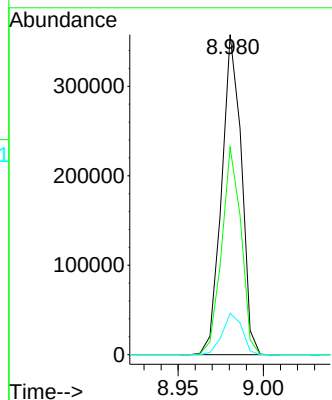
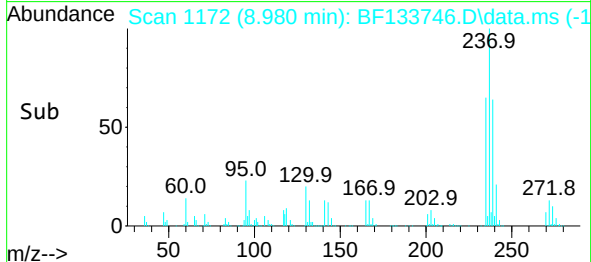
Instrument :
BNA_F
ClientSampleId :
PB153266BS



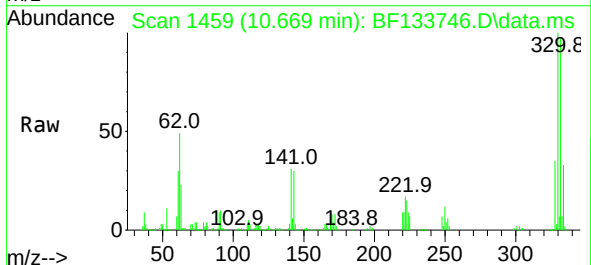
Tgt Ion:237 Resp: 287749
Ion Ratio Lower Upper
237 100
235 64.8 40.6 80.6
272 12.9 0.0 32.6

Manual Integrations
APPROVED

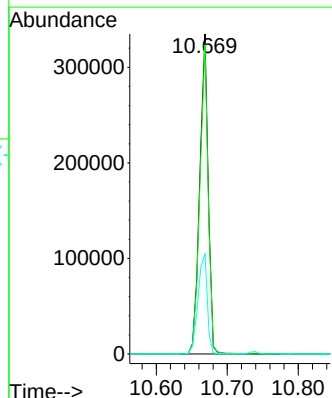
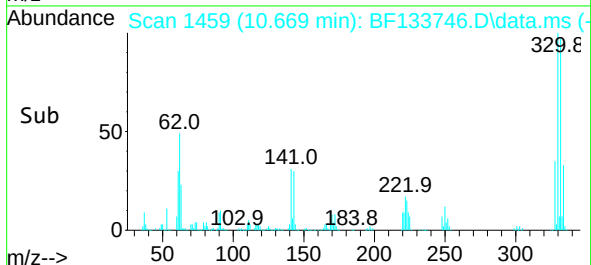
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

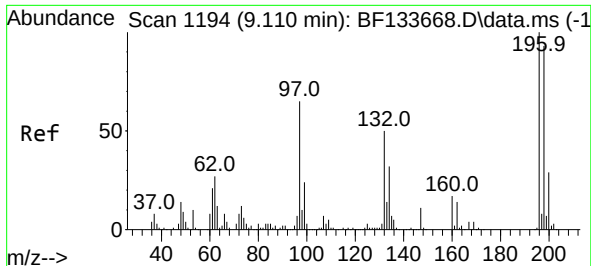


#42
2,4,6-Tribromophenol
Concen: 112.546 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.000 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33



Tgt Ion:330 Resp: 278927
Ion Ratio Lower Upper
330 100
332 95.4 77.2 115.8
141 34.1 24.9 37.3





#43
2,4,6-Trichlorophenol
Concen: 41.685 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

Instrument :

BNA_F

ClientSampleId :

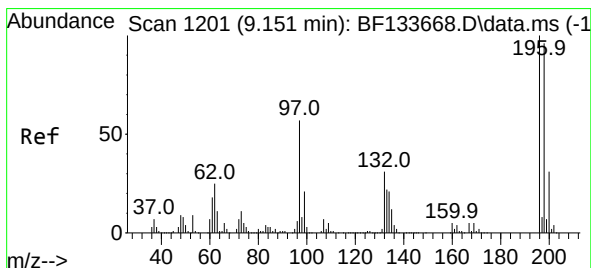
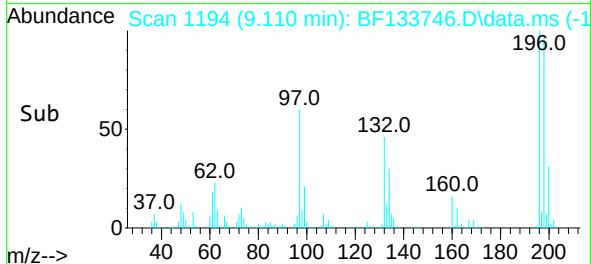
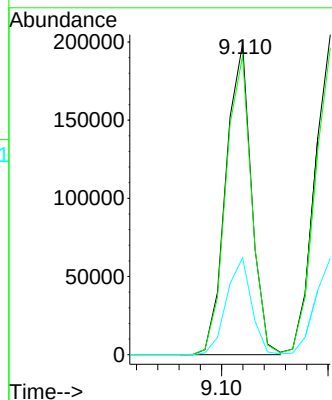
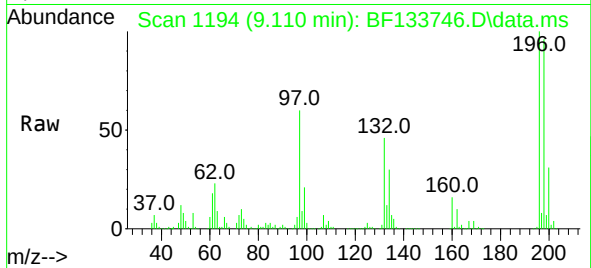
PB153266BS

Tgt Ion:196 Resp: 165800
Ion Ratio Lower Upper
196 100
198 96.1 74.5 111.7
200 31.2 22.9 34.3

Manual Integrations

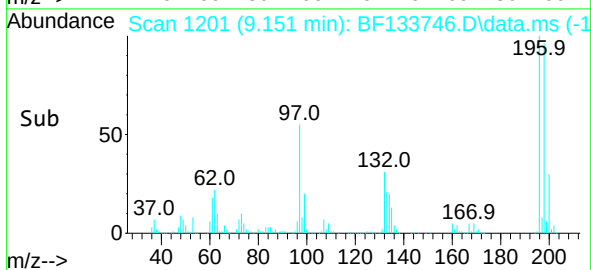
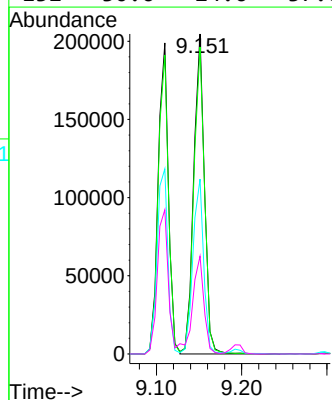
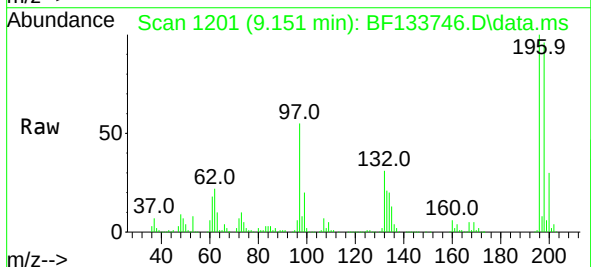
APPROVED

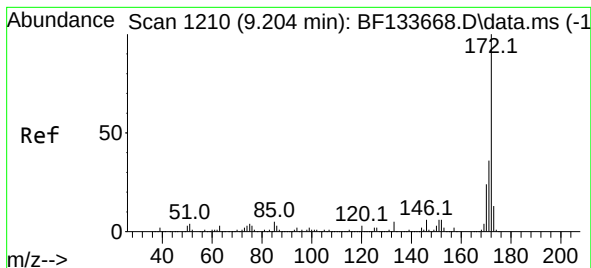
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#44
2,4,5-Trichlorophenol
Concen: 38.628 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.000 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

Tgt Ion:196 Resp: 178744
Ion Ratio Lower Upper
196 100
198 96.0 76.8 115.2
97 54.7 45.4 68.2
132 30.6 24.6 37.0





#45

2-Fluorobiphenyl

Concen: 80.370 ng

RT: 9.198 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB153266BS

Tgt Ion:172 Resp: 1106940

Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

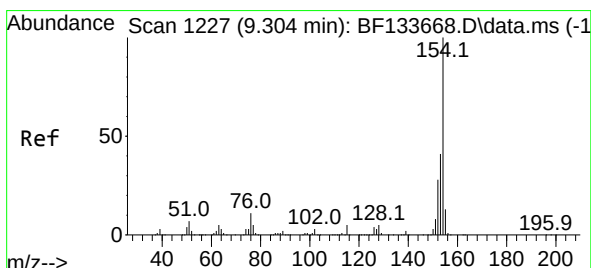
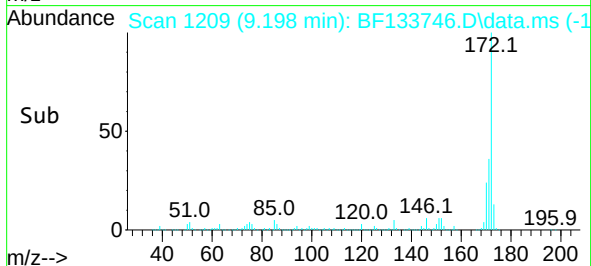
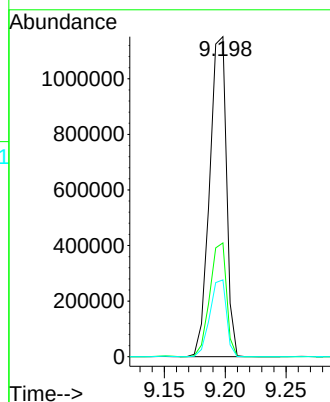
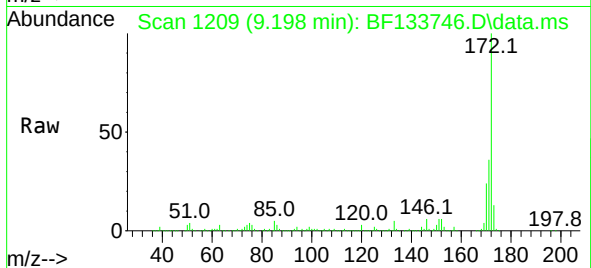
170 24.0 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/15/2023

Supervised By :mohammad ahmed 06/16/2023



#46

1,1'-Biphenyl

Concen: 41.391 ng

RT: 9.298 min Scan# 1226

Delta R.T. -0.000 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

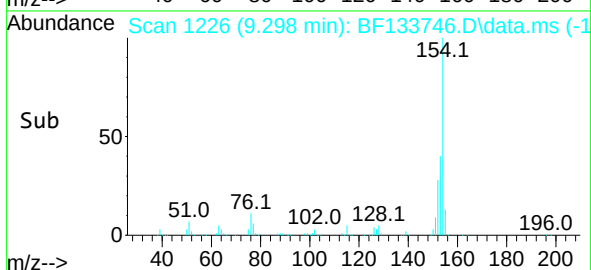
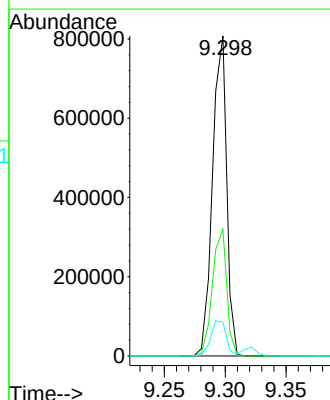
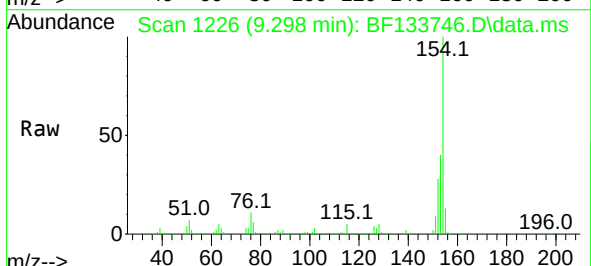
Tgt Ion:154 Resp: 653594

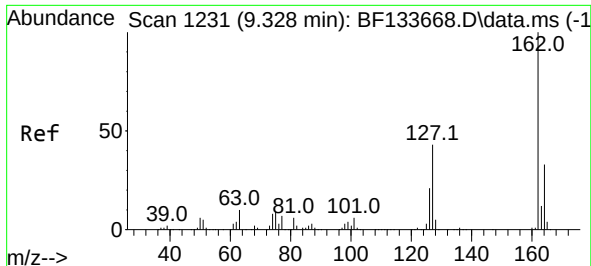
Ion Ratio Lower Upper

154 100

153 39.5 20.6 60.6

76 10.6 0.0 31.0





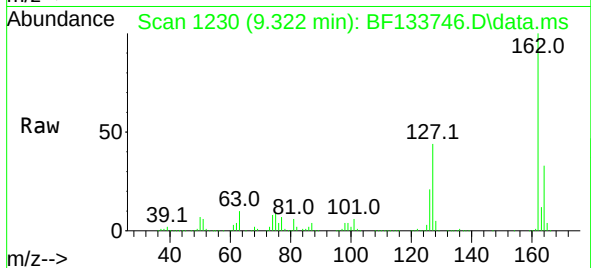
#47
2-Chloronaphthalene
Concen: 41.974 ng
RT: 9.322 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB153266BS



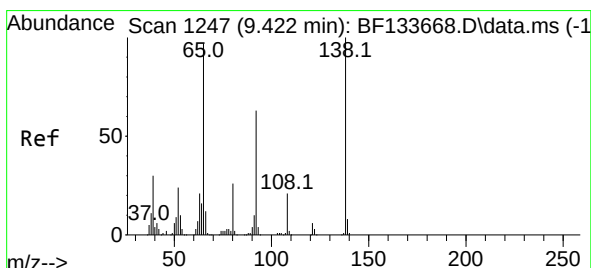
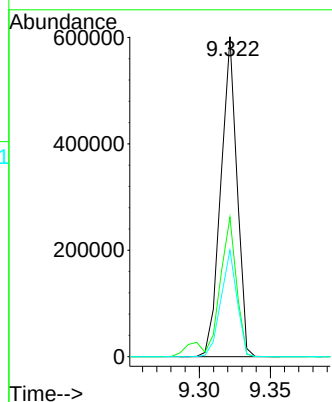
Tgt Ion:162 Resp: 47543
Ion Ratio Lower Upper
162 100
127 43.6 34.6 52.0
164 33.3 26.4 39.6

Manual Integrations

APPROVED

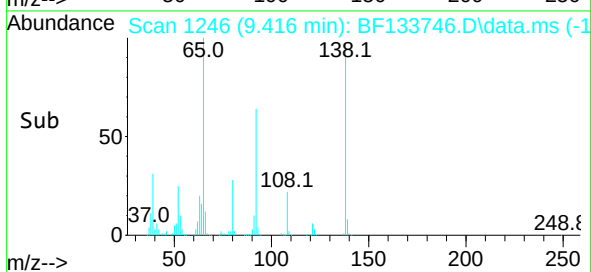
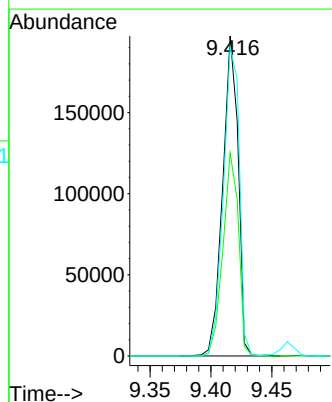
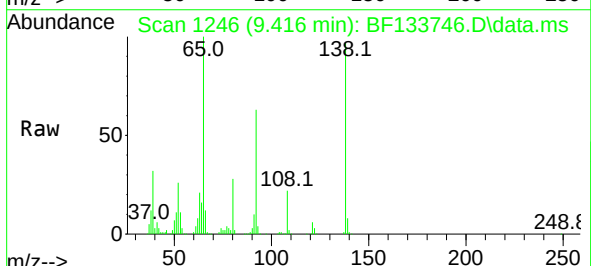
Reviewed By :Yogesh Patel 06/15/2023

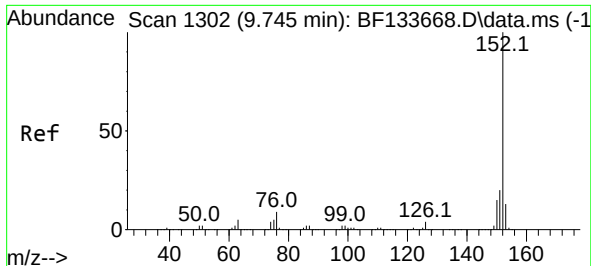
Supervised By :mohammad ahmed 06/16/2023



#48
2-Nitroaniline
Concen: 42.058 ng
RT: 9.416 min Scan# 1246
Delta R.T. -0.006 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

Tgt Ion: 65 Resp: 174225
Ion Ratio Lower Upper
65 100
92 63.5 51.8 77.6
138 96.6 82.1 123.1





#49

Acenaphthylene

Concen: 40.592 ng

RT: 9.739 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

Instrument :

BNA_F

ClientSampleId :

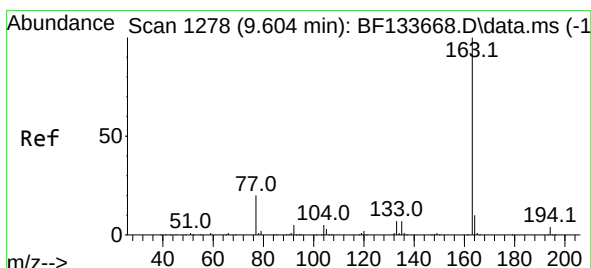
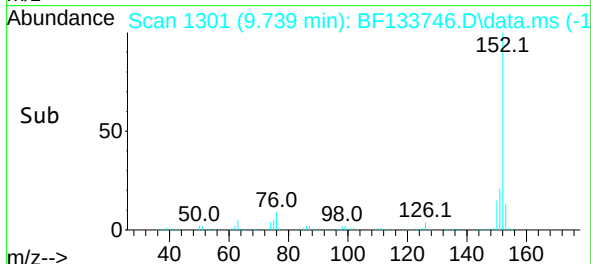
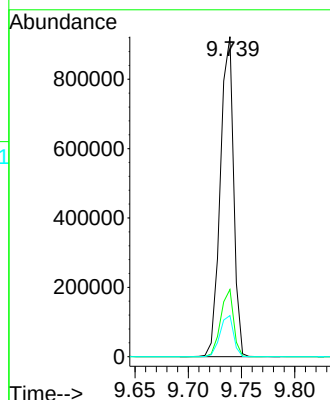
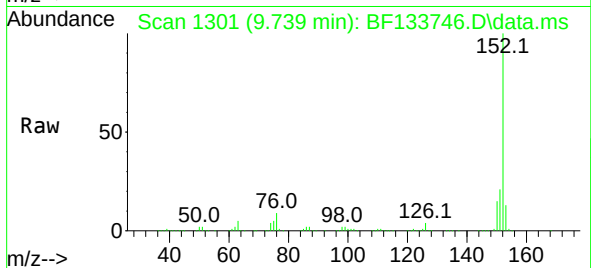
PB153266BS

Tgt Ion:152 Resp: 80025
 Ion Ratio Lower Upper
 152 100
 151 21.0 16.2 24.4
 153 12.9 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/15/2023
 Supervised By :mohammad ahmed 06/16/2023



#50

Dimethylphthalate

Concen: 38.415 ng

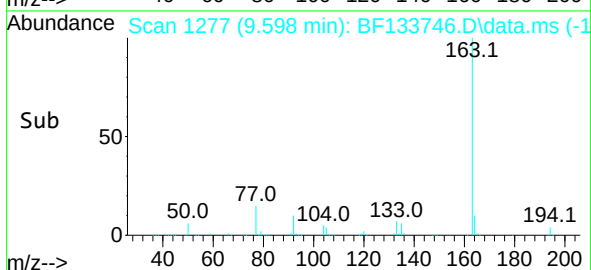
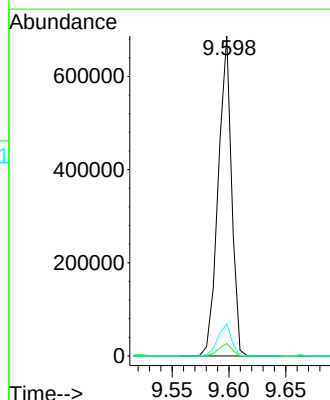
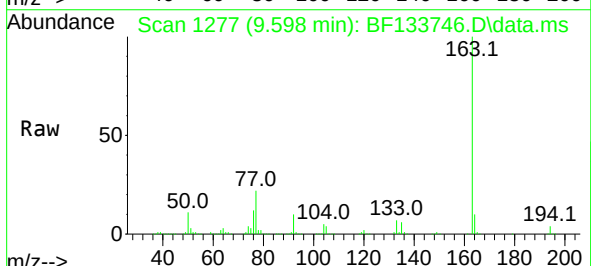
RT: 9.598 min Scan# 1277

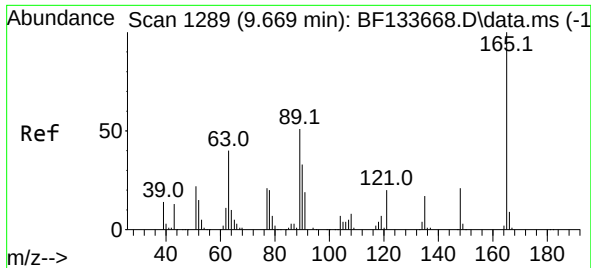
Delta R.T. -0.000 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

Tgt Ion:163 Resp: 561397
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.2 4.8
 164 10.1 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 41.527 ng
RT: 9.663 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

Instrument :

BNA_F

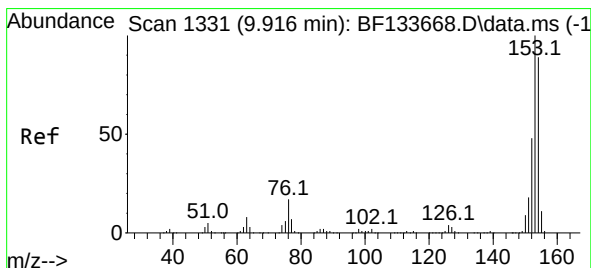
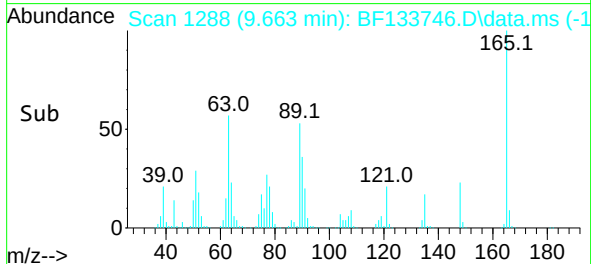
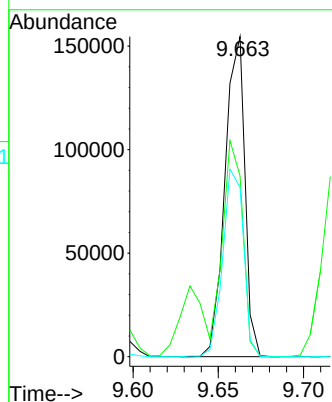
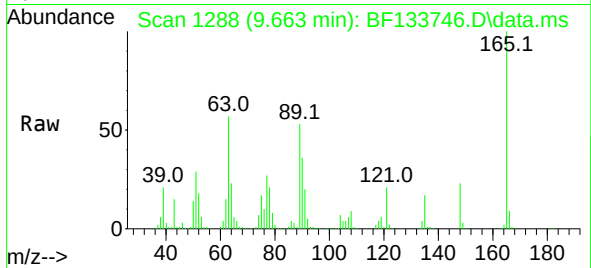
ClientSampleId :

PB153266BS

Tgt Ion:165 Resp: 125264
Ion Ratio Lower Upper
165 100
63 56.5 42.1 63.1
89 52.9 40.9 61.3

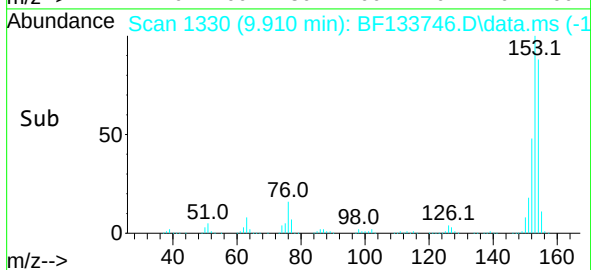
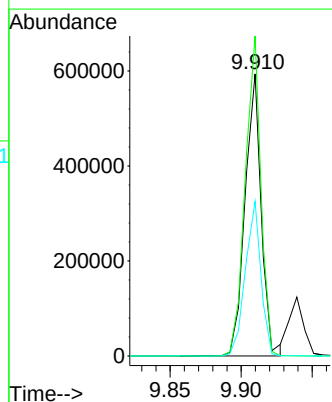
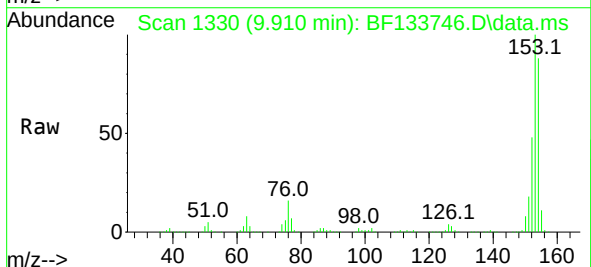
Manual Integrations
APPROVED

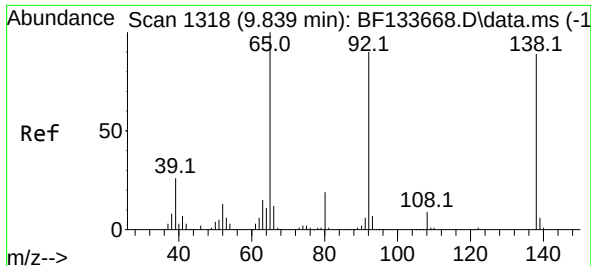
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#52
Acenaphthene
Concen: 40.900 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

Tgt Ion:154 Resp: 471972
Ion Ratio Lower Upper
154 100
153 113.4 89.8 134.8
152 54.8 43.4 65.2





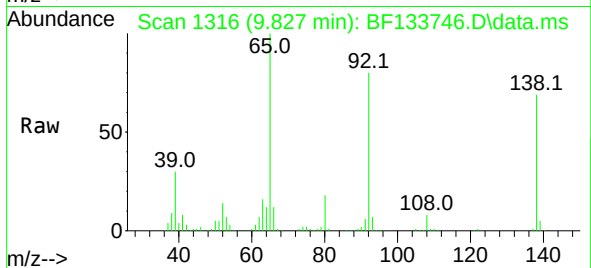
#53
3-Nitroaniline
Concen: 30.940 ng
RT: 9.827 min Scan# 113574
Delta R.T. -0.006 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB153266BS



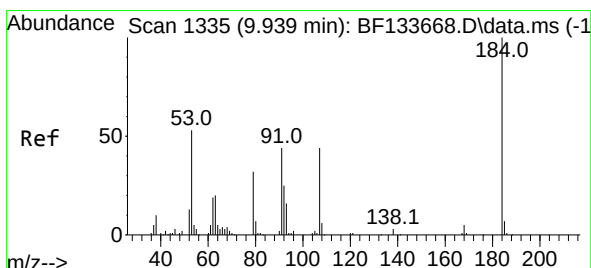
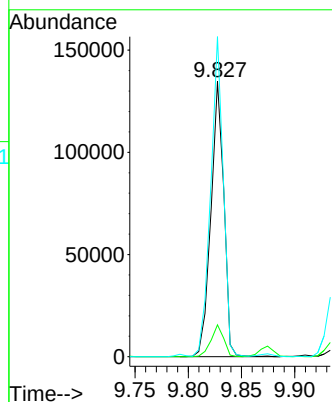
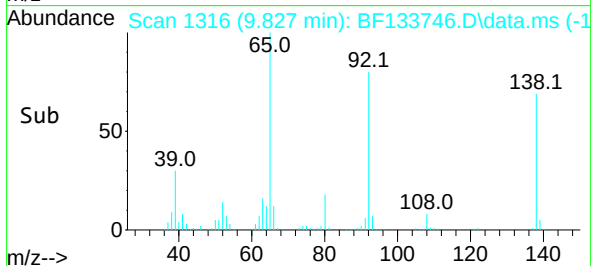
Tgt Ion:138 Resp: 113574
Ion Ratio Lower Upper
138 100
108 11.6 8.2 12.4
92 116.3 81.0 121.6

Manual Integrations

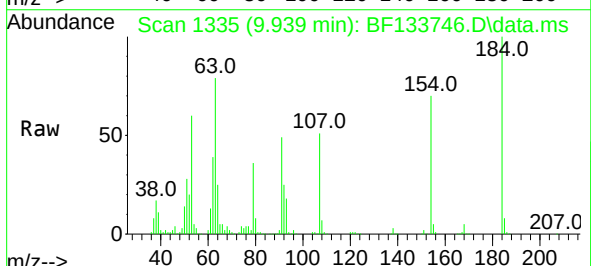
APPROVED

Reviewed By :Yogesh Patel 06/15/2023

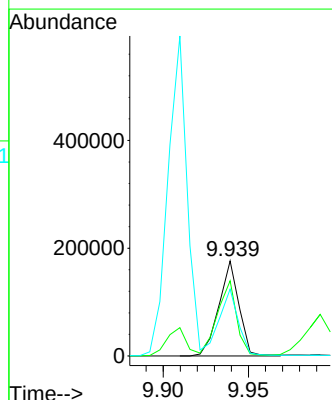
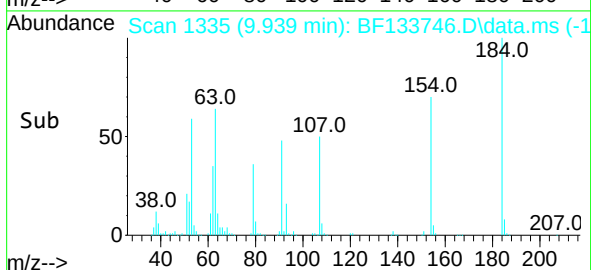
Supervised By :mohammad ahmed 06/16/2023

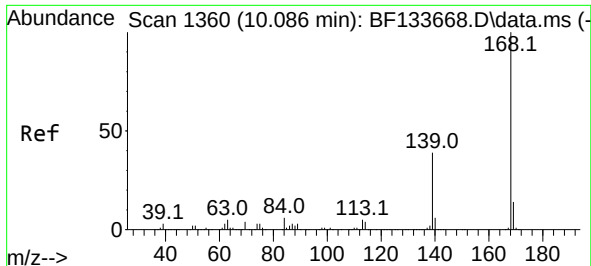


#54
2,4-Dinitrophenol
Concen: 97.088 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33



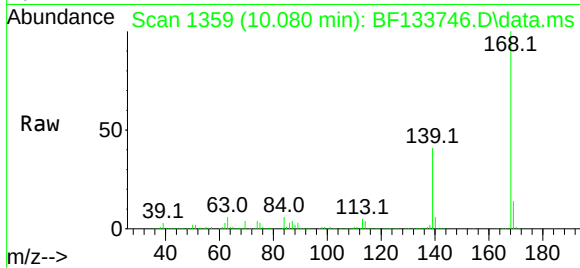
Tgt Ion:184 Resp: 145049
Ion Ratio Lower Upper
184 100
63 79.0 55.3 82.9
154 70.3 51.9 77.9





#55
Dibenzenofuran
Concen: 40.715 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

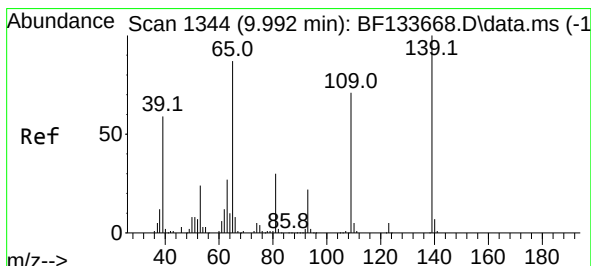
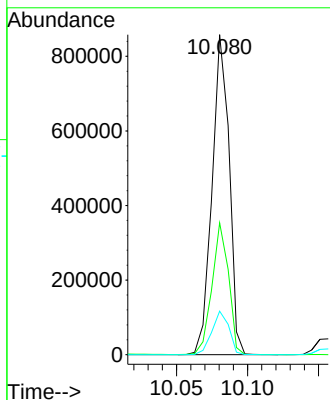
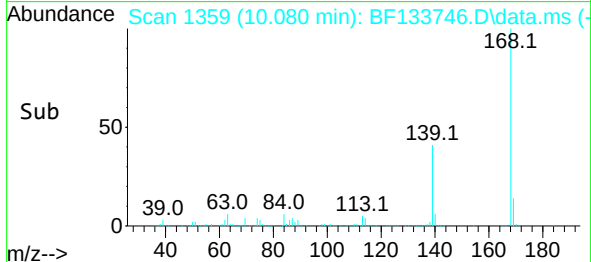
Instrument :
BNA_F
ClientSampleId :
PB153266BS



Tgt Ion:168 Resp: 716914
Ion Ratio Lower Upper
168 100
139 41.2 30.9 46.3
169 13.6 10.9 16.3

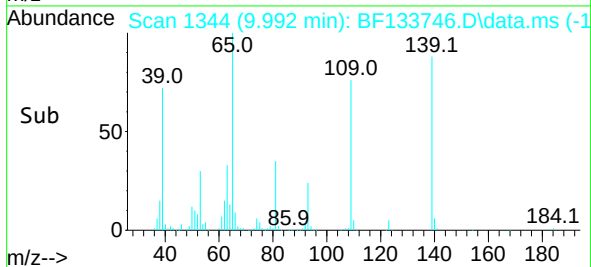
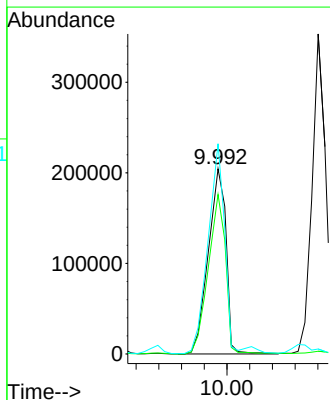
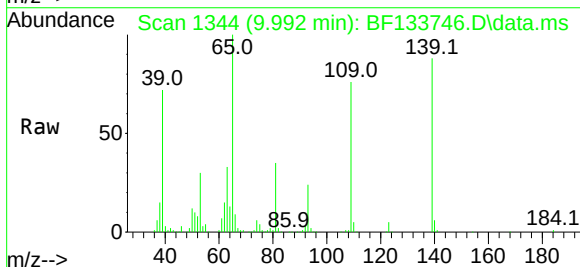
Manual Integrations
APPROVED

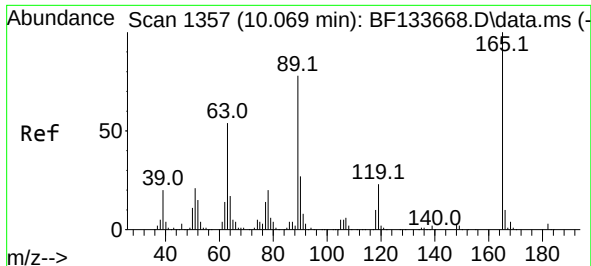
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#56
4-Nitrophenol
Concen: 89.794 ng
RT: 9.992 min Scan# 1344
Delta R.T. -0.000 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

Tgt Ion:139 Resp: 222457
Ion Ratio Lower Upper
139 100
109 86.1 50.7 90.7
65 113.5 67.1 107.1#





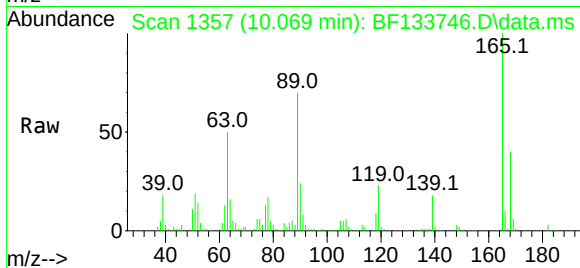
#57
2,4-Dinitrotoluene
Concen: 44.483 ng
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB153266BS



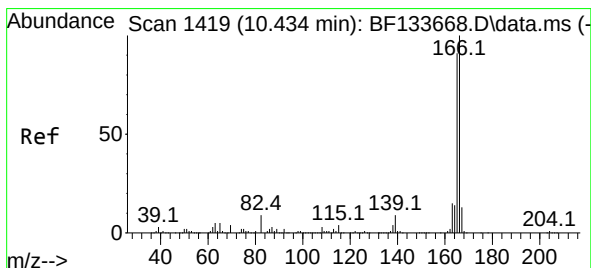
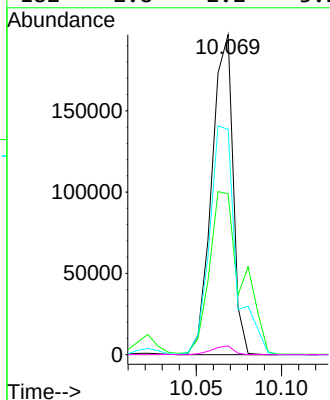
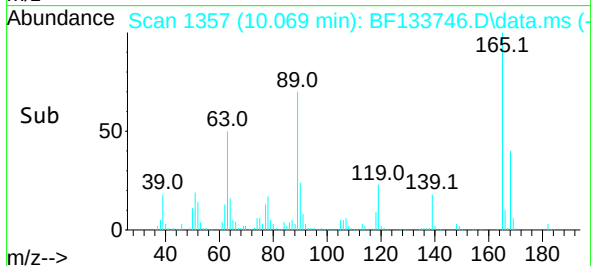
Tgt Ion:165 Resp: 170650
Ion Ratio Lower Upper
165 100
63 50.3 43.0 64.6
89 70.4 62.6 93.8
182 2.8 2.2 3.2

Manual Integrations

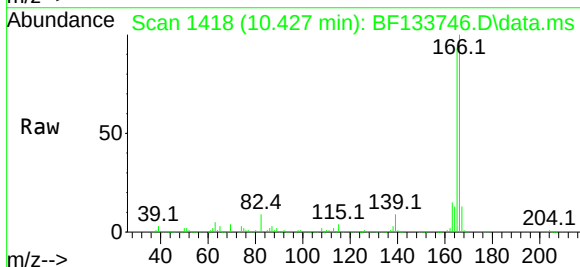
APPROVED

Reviewed By :Yogesh Patel 06/15/2023

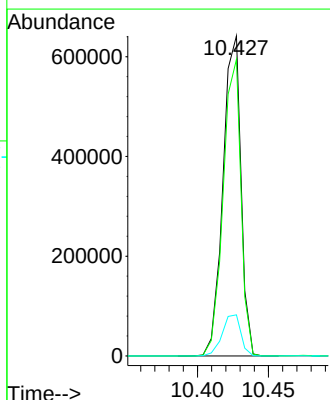
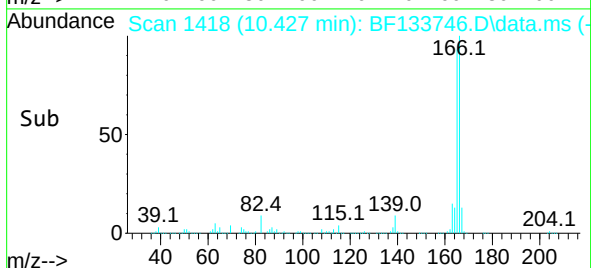
Supervised By :mohammad ahmed 06/16/2023

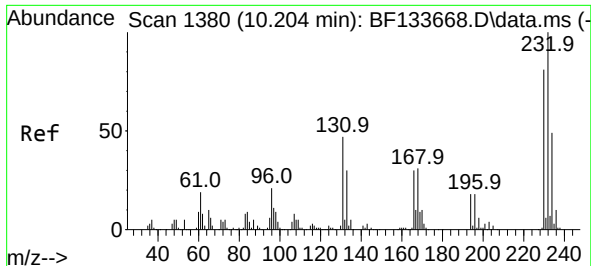


#58
Fluorene
Concen: 41.896 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33



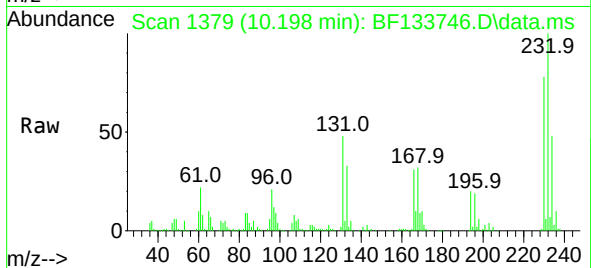
Tgt Ion:166 Resp: 564143
Ion Ratio Lower Upper
166 100
165 92.7 73.1 109.7
167 12.9 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.033 ng
RT: 10.198 min Scan# 1379
Delta R.T. -0.006 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

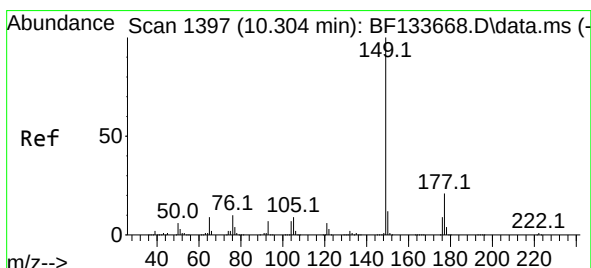
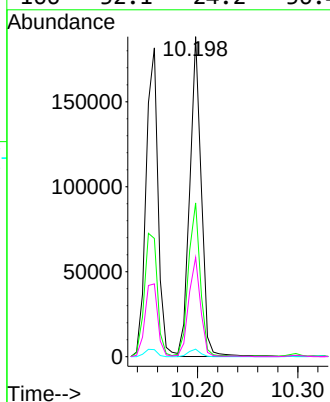
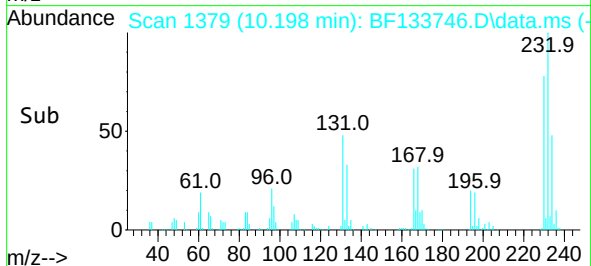
Instrument :
BNA_F
ClientSampleId :
PB153266BS



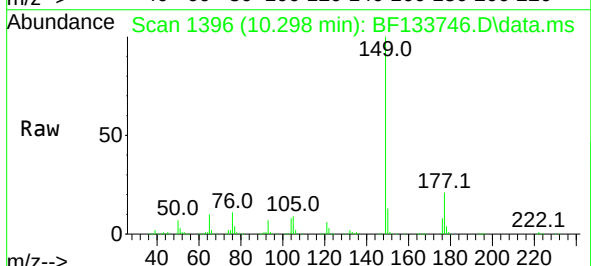
Tgt Ion:232 Resp: 149084
Ion Ratio Lower Upper
232 100
131 49.6 38.0 57.0
130 2.4 1.8 2.8
166 32.1 24.2 36.4

Manual Integrations
APPROVED

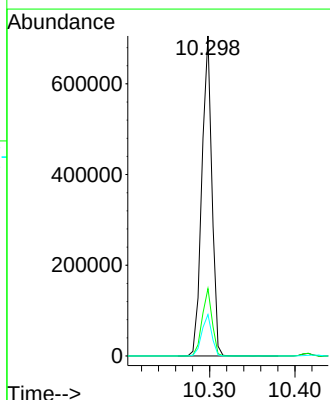
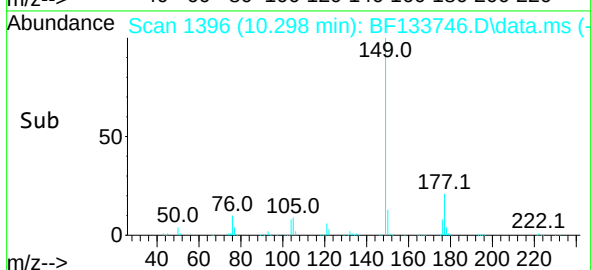
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

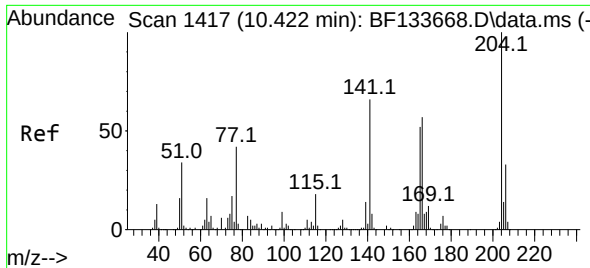


#60
Diethylphthalate
Concen: 38.798 ng
RT: 10.298 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33



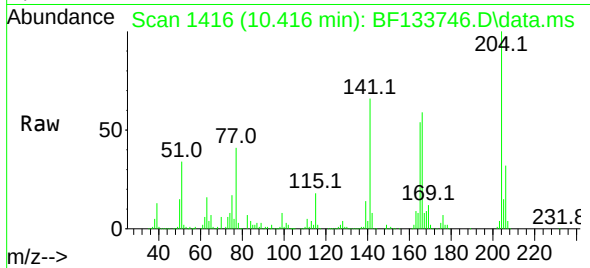
Tgt Ion:149 Resp: 577066
Ion Ratio Lower Upper
149 100
177 21.0 17.0 25.6
150 13.0 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 39.198 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

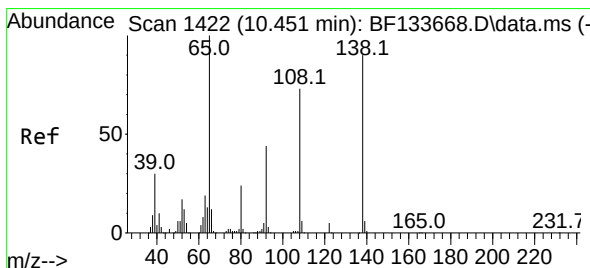
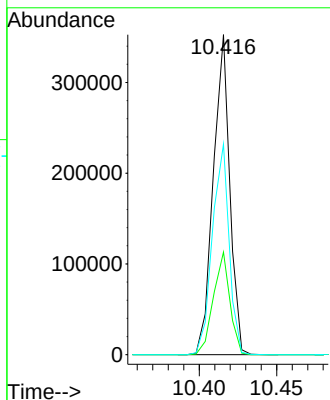
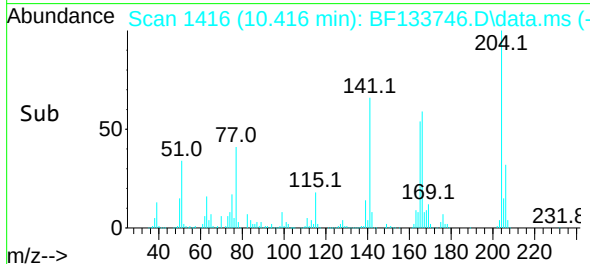
Instrument :
BNA_F
ClientSampleId :
PB153266BS



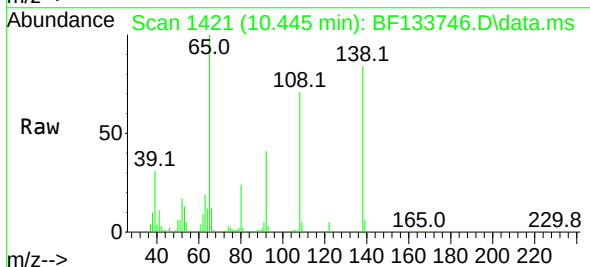
Tgt Ion:204 Resp: 260572
Ion Ratio Lower Upper
204 100
206 32.1 26.4 39.6
141 65.8 52.8 79.2

Manual Integrations
APPROVED

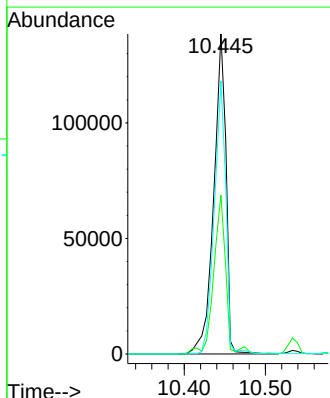
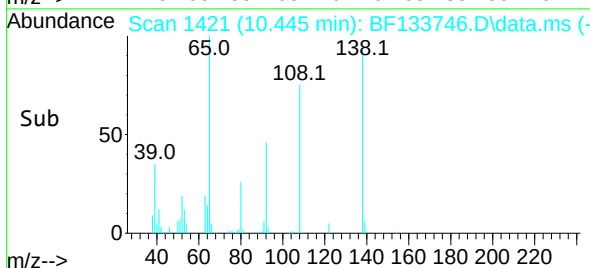
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

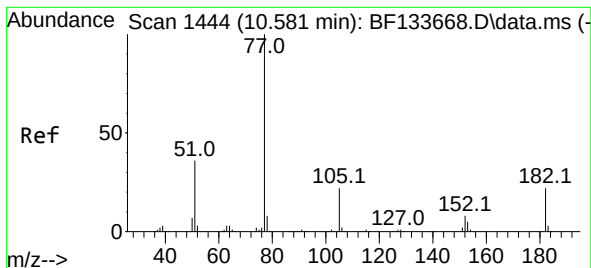


#62
4-Nitroaniline
Concen: 40.244 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33



Tgt Ion:138 Resp: 144846
Ion Ratio Lower Upper
138 100
92 49.6 28.9 68.9
108 85.2 61.0 101.0





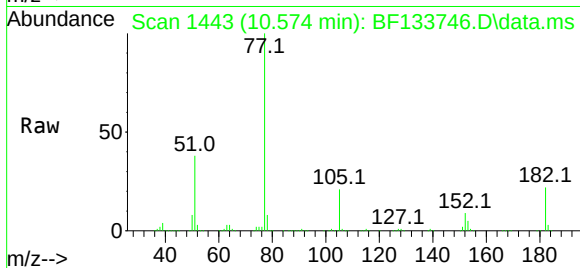
#63
Azobenzene
Concen: 39.970 ng
RT: 10.574 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB153266BS

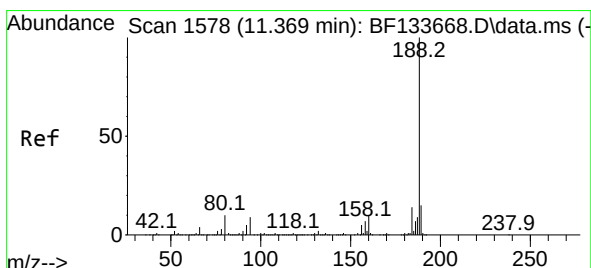
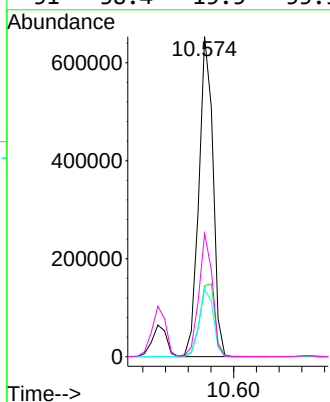
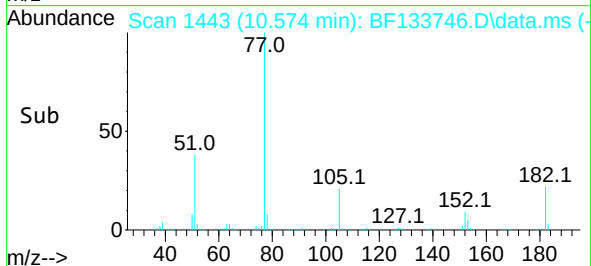


Tgt Ion: 77 Resp: 562790
Ion Ratio Lower Upper
77 100
182 22.2 1.6 41.6
105 21.1 1.6 41.6
51 38.4 15.5 55.5

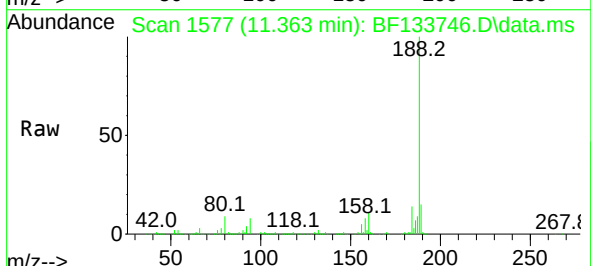
Manual Integrations

APPROVED

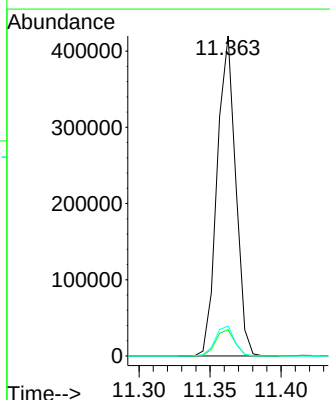
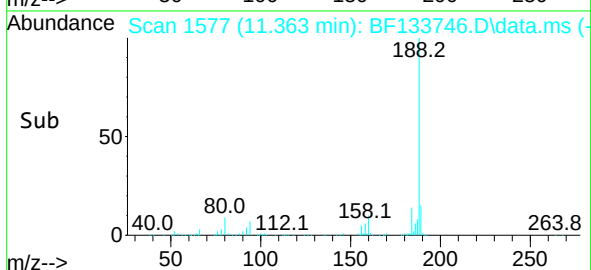
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

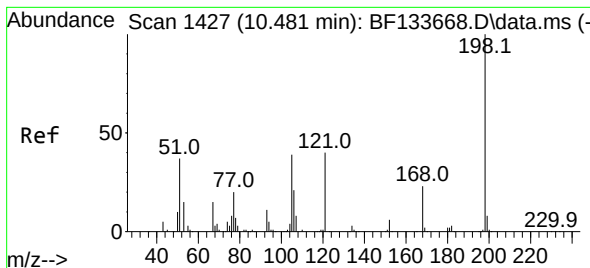


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33



Tgt Ion:188 Resp: 380116
Ion Ratio Lower Upper
188 100
94 8.2 6.8 10.2
80 9.3 7.8 11.6





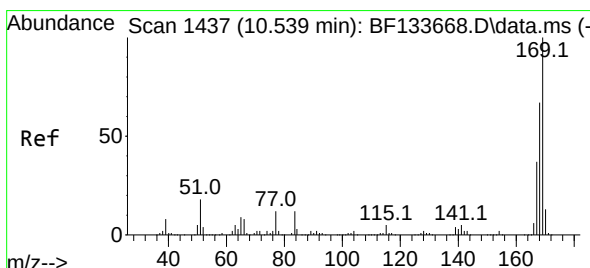
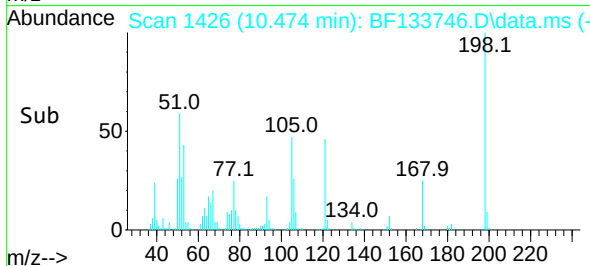
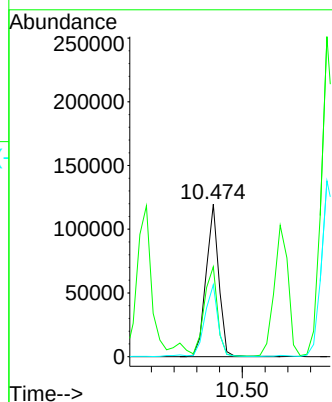
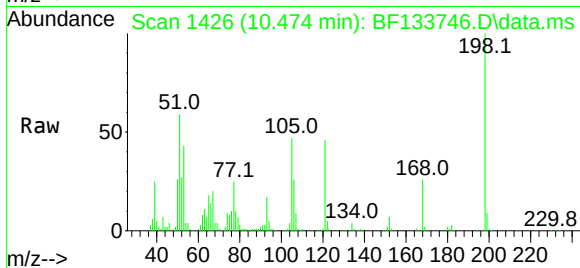
#65
4,6-Dinitro-2-methylphenol
Concen: 50.919 ng
RT: 10.474 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

Instrument :
BNA_F
ClientSampleId :
PB153266BS

Tgt Ion:198 Resp: 92488
Ion Ratio Lower Upper
198 100
51 59.0 27.5 67.5
105 47.2 21.0 61.0

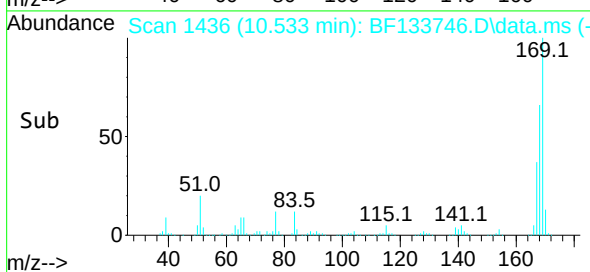
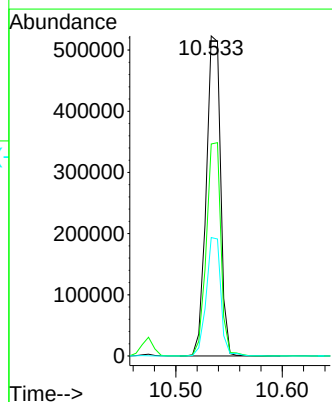
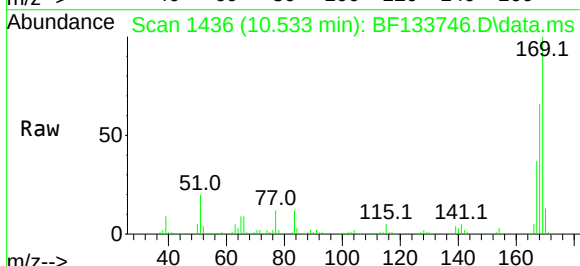
Manual Integrations
APPROVED

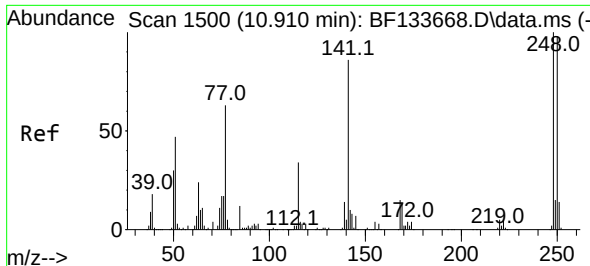
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#66
n-Nitrosodiphenylamine
Concen: 38.419 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

Tgt Ion:169 Resp: 490546
Ion Ratio Lower Upper
169 100
168 66.3 53.7 80.5
167 37.0 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 38.526 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

Instrument :

BNA_F

ClientSampleId :

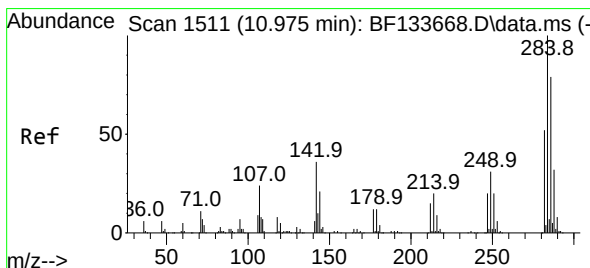
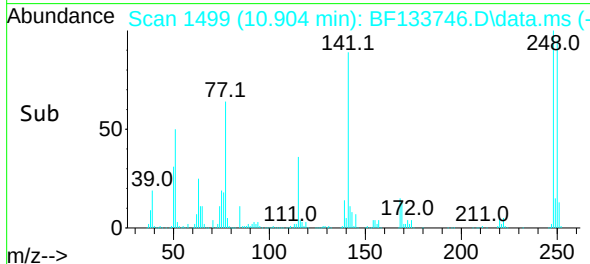
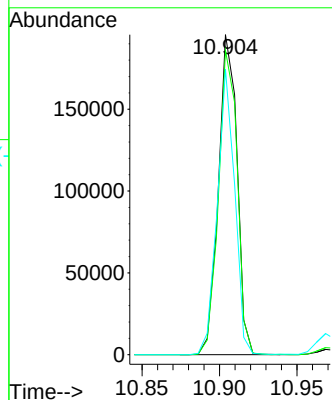
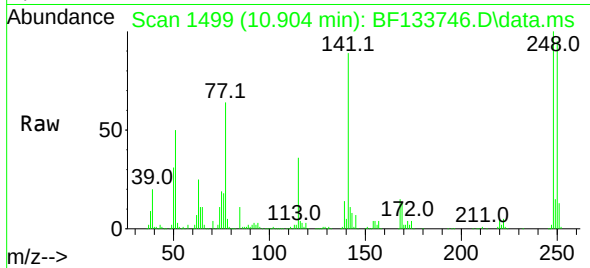
PB153266BS

Tgt Ion:248 Resp: 163448
Ion Ratio Lower Upper
248 100
250 95.1 78.3 117.5
141 89.3 69.0 103.6

Manual Integrations

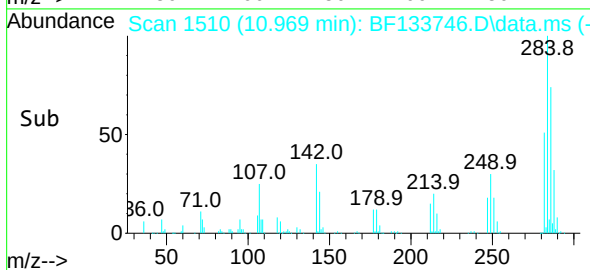
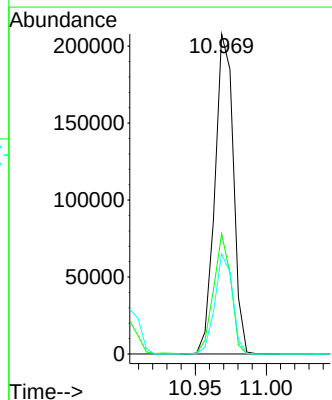
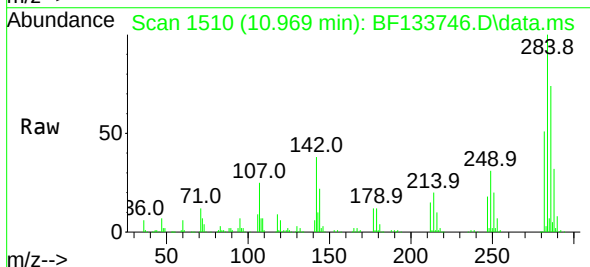
APPROVED

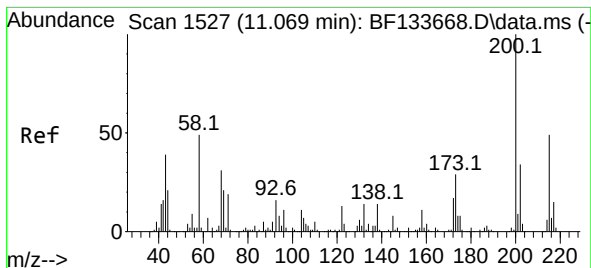
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#68
Hexachlorobenzene
Concen: 42.083 ng
RT: 10.969 min Scan# 1510
Delta R.T. -0.006 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

Tgt Ion:284 Resp: 187752
Ion Ratio Lower Upper
284 100
142 37.6 28.6 42.8
249 31.3 24.6 36.8





#69

Atrazine

Concen: 42.692 ng

RT: 11.063 min Scan# 1526

Delta R.T. -0.006 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB153266BS

Tgt Ion:200 Resp: 15815

Ion Ratio Lower Upper

200 100

173 27.5 8.7 48.7

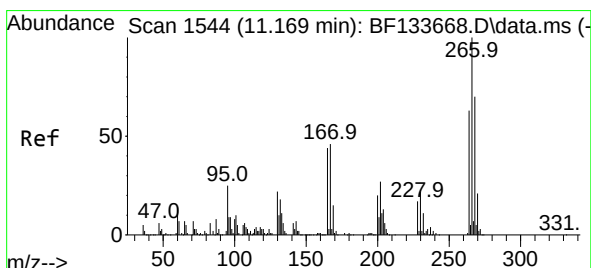
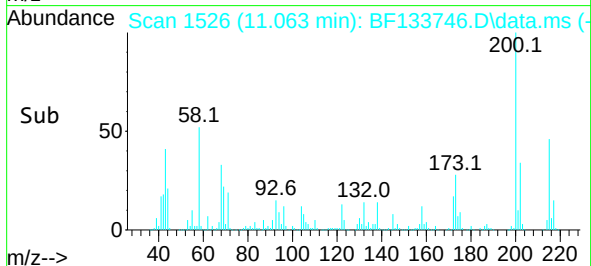
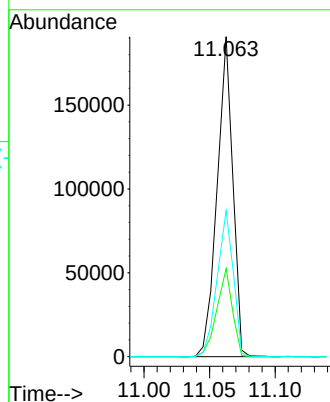
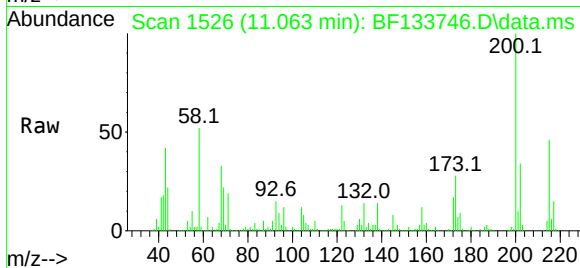
215 45.6 29.0 69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/15/2023

Supervised By :mohammad ahmed 06/16/2023



#70

Pentachlorophenol

Concen: 72.870 ng

RT: 11.169 min Scan# 1544

Delta R.T. -0.000 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

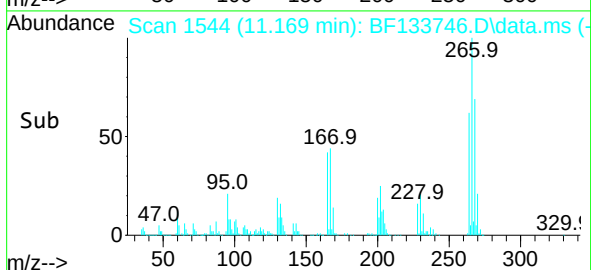
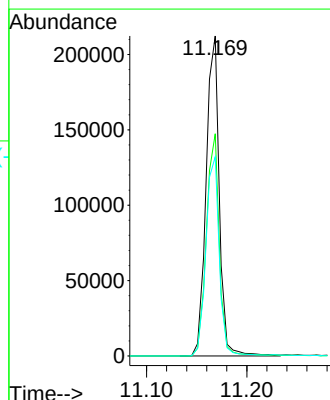
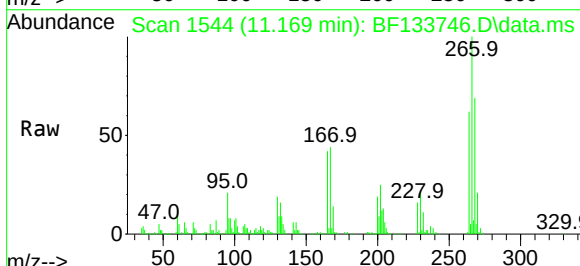
Tgt Ion:266 Resp: 194673

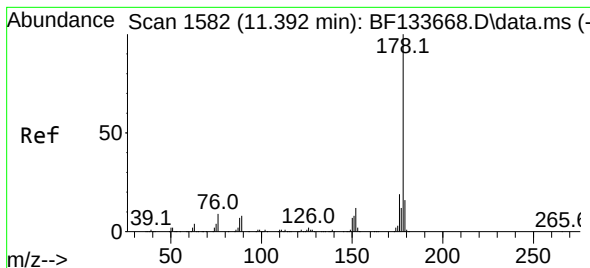
Ion Ratio Lower Upper

266 100

268 69.4 55.7 83.5

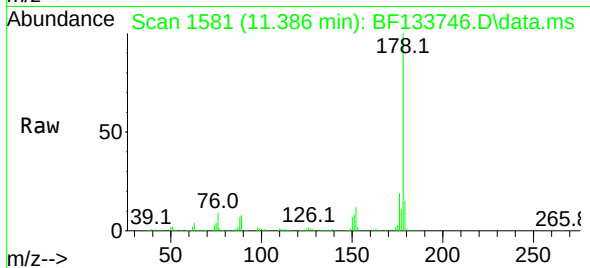
264 62.3 50.7 76.1





#71
Phenanthrene
Concen: 40.977 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

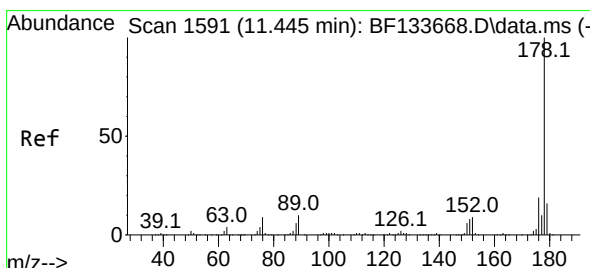
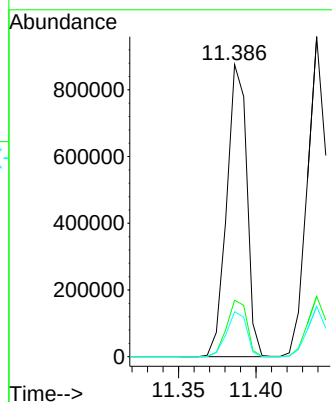
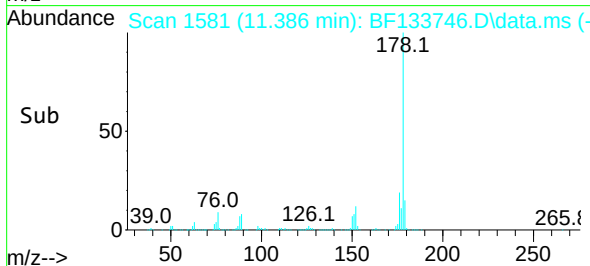
Instrument :
BNA_F
ClientSampleId :
PB153266BS



Tgt Ion:178 Resp: 790250
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.4 12.4 18.6

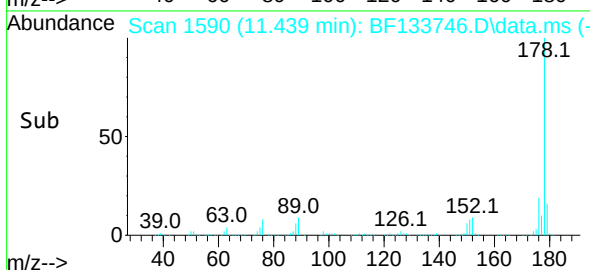
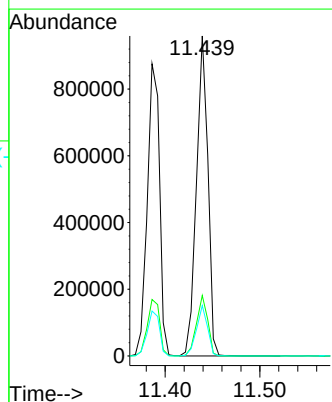
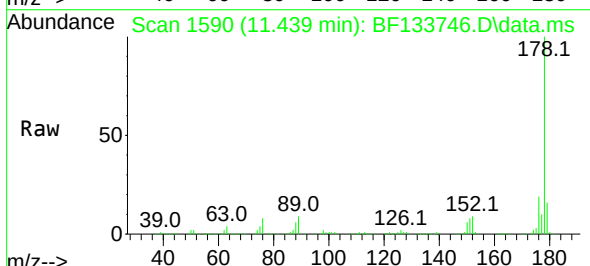
Manual Integrations
APPROVED

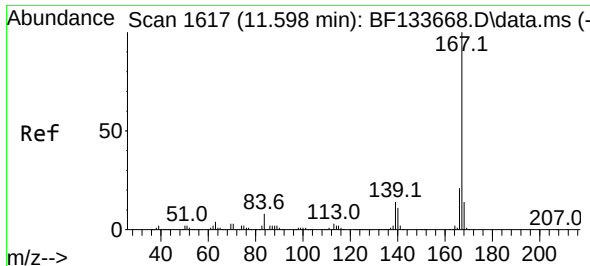
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#72
Anthracene
Concen: 40.348 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

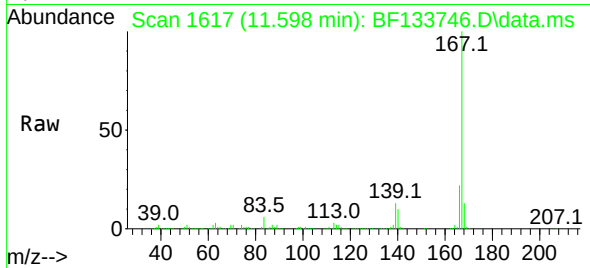
Tgt Ion:178 Resp: 811333
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.7 12.6 18.8





#73
 Carbazole
 Concen: 39.774 ng
 RT: 11.598 min Scan# 1617
 Delta R.T. -0.000 min
 Lab File: BF133746.D
 Acq: 14 Jun 2023 11:33

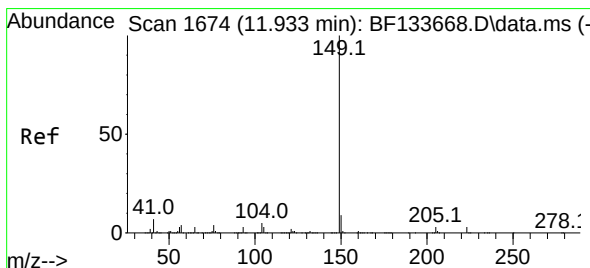
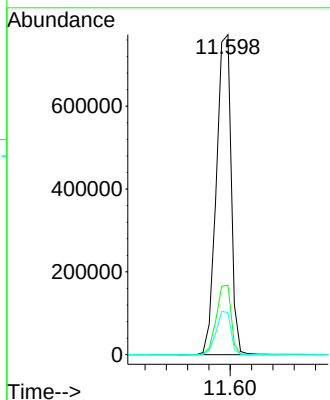
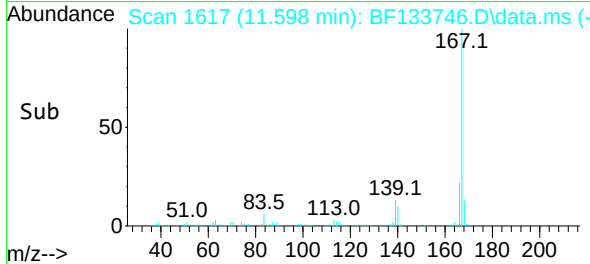
Instrument :
 BNA_F
 ClientSampleId :
 PB153266BS



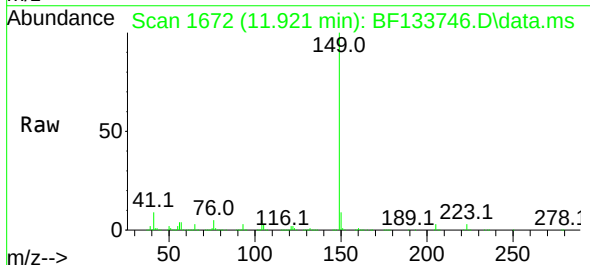
Tgt Ion:167 Resp: 744900
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 13.2 11.2 16.8

Manual Integrations
 APPROVED

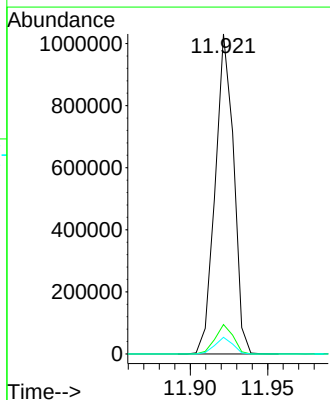
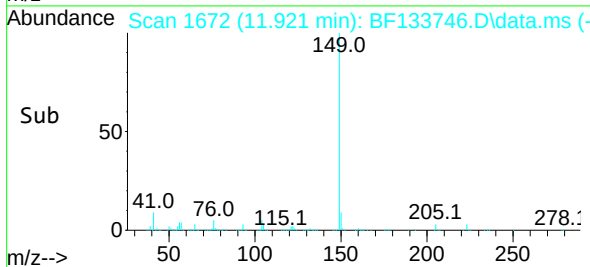
Reviewed By :Yogesh Patel 06/15/2023
 Supervised By :mohammad ahmed 06/16/2023

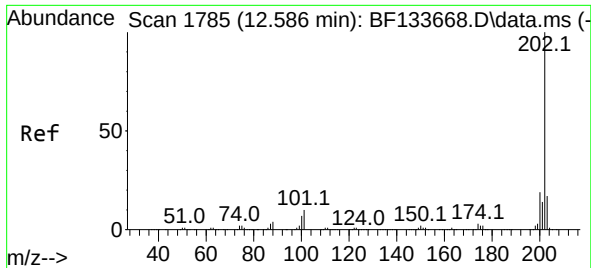


#74
 Di-n-butylphthalate
 Concen: 35.574 ng
 RT: 11.921 min Scan# 1672
 Delta R.T. -0.006 min
 Lab File: BF133746.D
 Acq: 14 Jun 2023 11:33



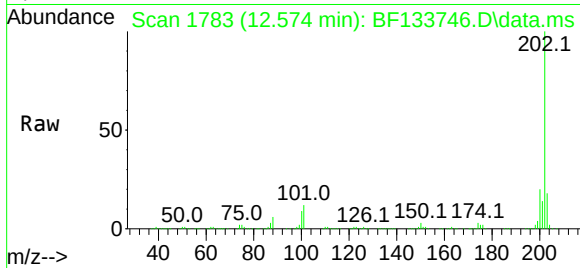
Tgt Ion:149 Resp: 854108
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.2 3.8 5.8





#75
Fluoranthene
Concen: 41.857 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.012 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

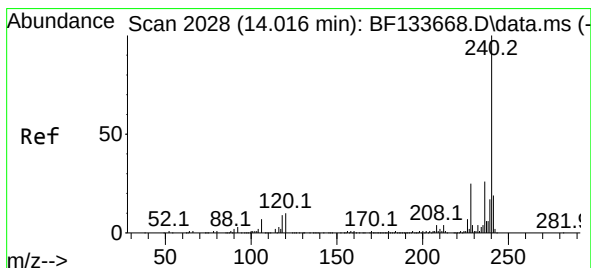
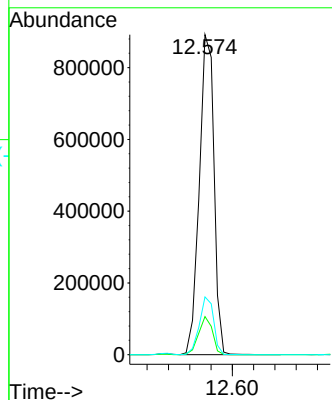
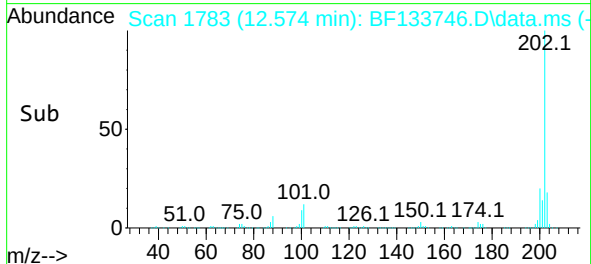
Instrument :
BNA_F
ClientSampleId :
PB153266BS



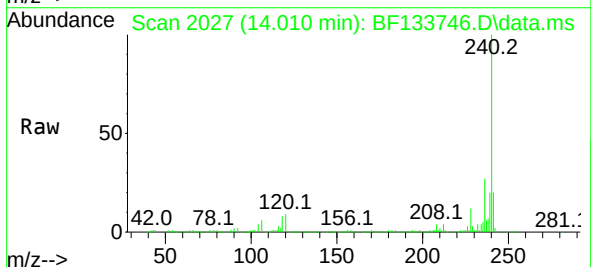
Tgt Ion:202 Resp: 857218
Ion Ratio Lower Upper
202 100
101 11.9 0.0 29.6
203 18.1 0.0 37.4

Manual Integrations
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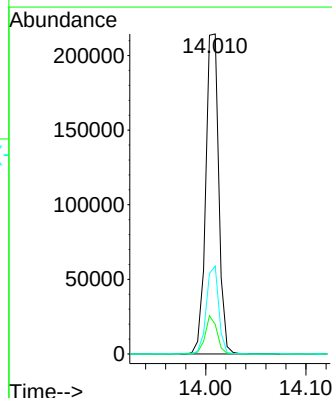
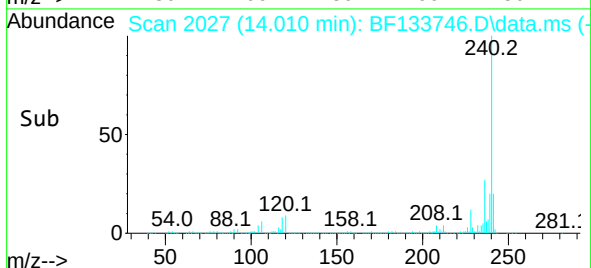
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

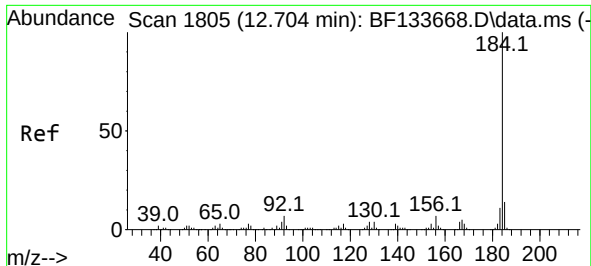


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33



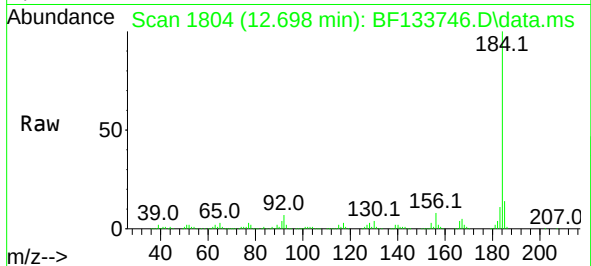
Tgt Ion:240 Resp: 194897
Ion Ratio Lower Upper
240 100
120 9.2 8.1 12.1
236 27.5 20.5 30.7





#77
Benzidine
Concen: 47.541 ng
RT: 12.698 min Scan# 1804
Delta R.T. -0.006 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

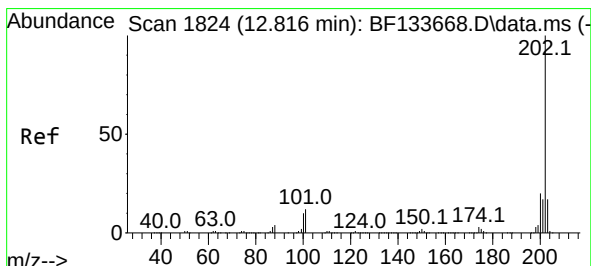
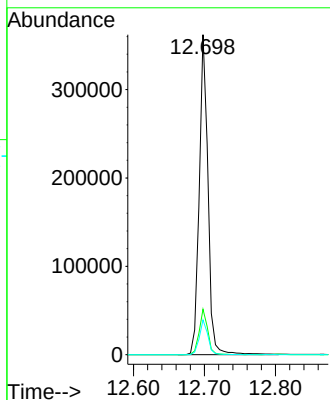
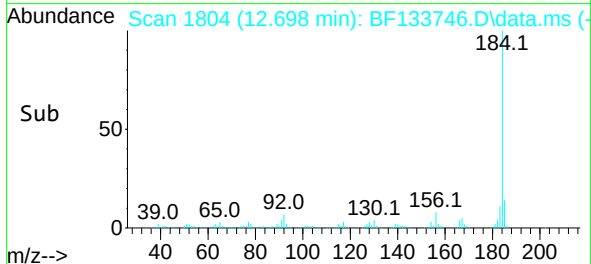
Instrument :
BNA_F
ClientSampleId :
PB153266BS



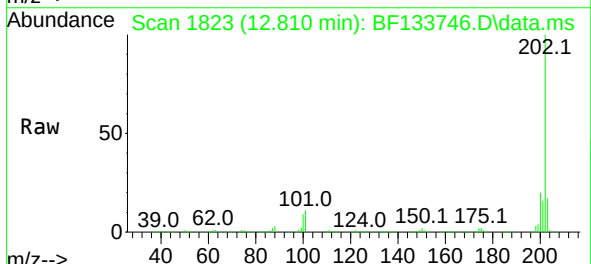
Tgt Ion:184 Resp: 310914
Ion Ratio Lower Upper
184 100
185 14.2 11.6 17.4
183 10.9 8.4 12.6

Manual Integrations
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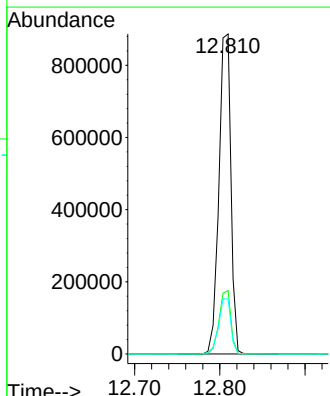
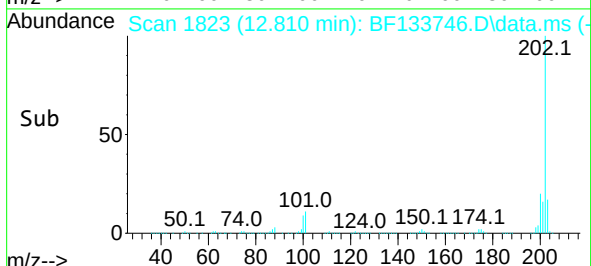
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

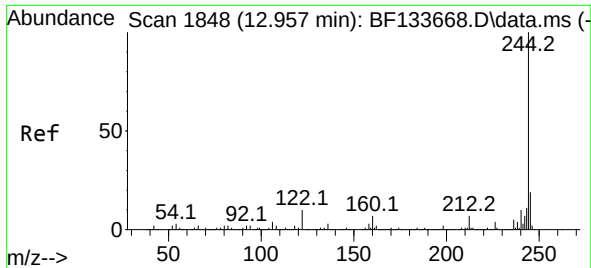


#78
Pyrene
Concen: 47.708 ng
RT: 12.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33



Tgt Ion:202 Resp: 866157
Ion Ratio Lower Upper
202 100
200 19.8 16.2 24.2
203 17.2 13.9 20.9





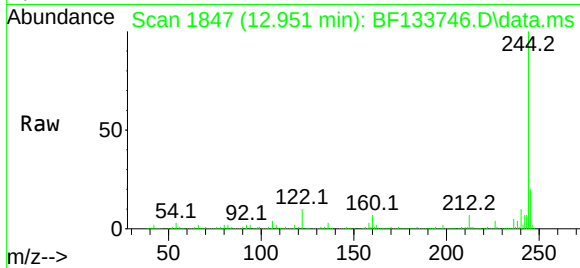
#79
 Terphenyl-d14
 Concen: 90.469 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF133746.D
 Acq: 14 Jun 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB153266BS



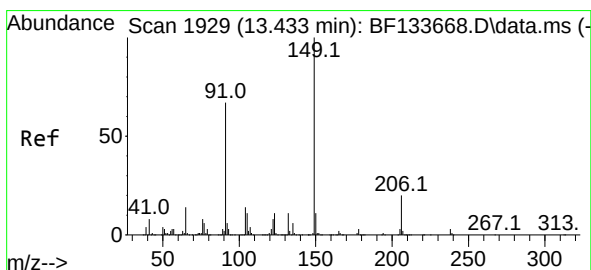
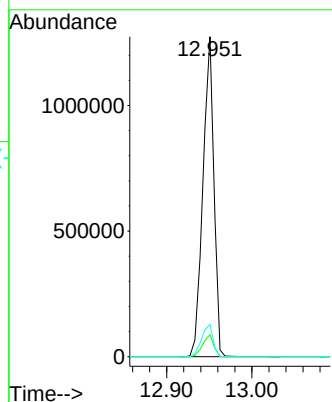
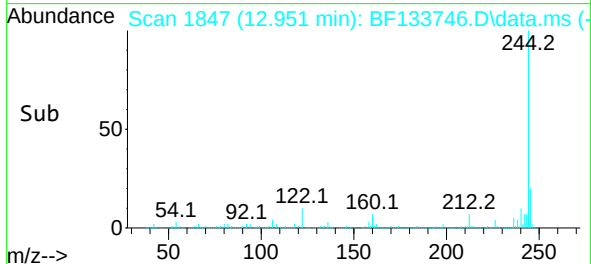
Tgt Ion:244 Resp: 1139509
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 10.0 8.1 12.1

Manual Integrations

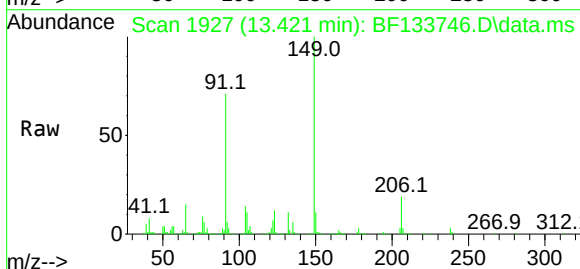
APPROVED

Reviewed By :Yogesh Patel 06/15/2023

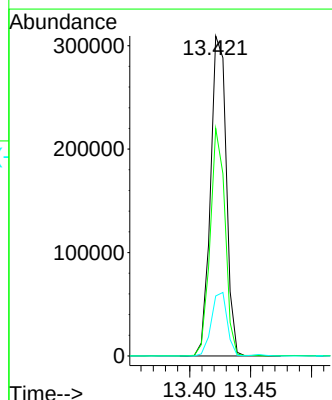
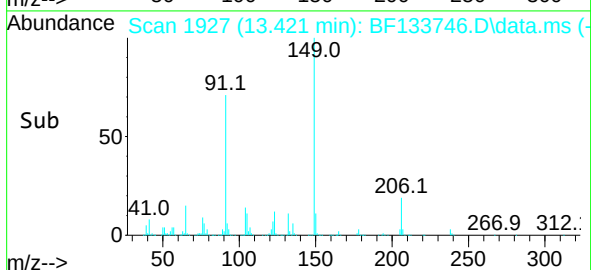
Supervised By :mohammad ahmed 06/16/2023

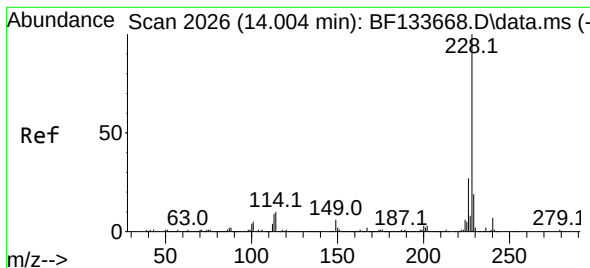


#80
 Butylbenzylphthalate
 Concen: 36.184 ng
 RT: 13.421 min Scan# 1927
 Delta R.T. -0.012 min
 Lab File: BF133746.D
 Acq: 14 Jun 2023 11:33



Tgt Ion:149 Resp: 277338
 Ion Ratio Lower Upper
 149 100
 91 71.1 54.0 81.0
 206 18.8 15.6 23.4





#81

Benzo(a)anthracene

Concen: 42.657 ng

RT: 13.998 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB153266BS

Tgt Ion:228 Resp: 575069

Ion Ratio Lower Upper

228 100

226 27.1 21.7 32.5

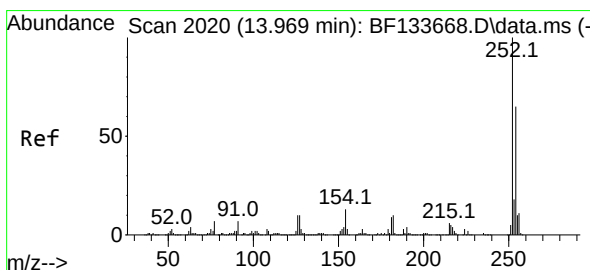
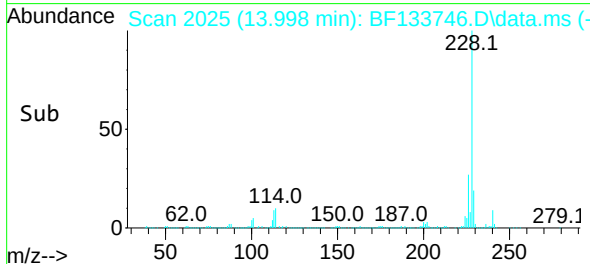
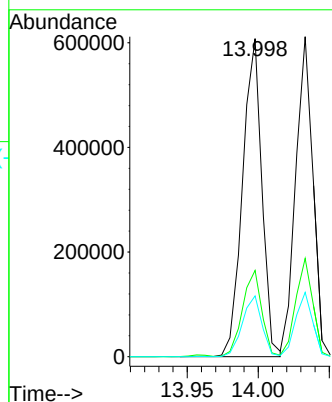
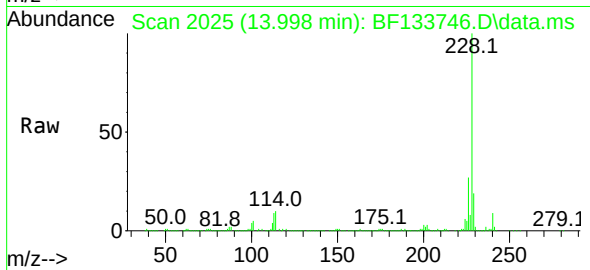
229 19.1 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/15/2023

Supervised By :mohammad ahmed 06/16/2023



#82

3,3'-Dichlorobenzidine

Concen: 35.777 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

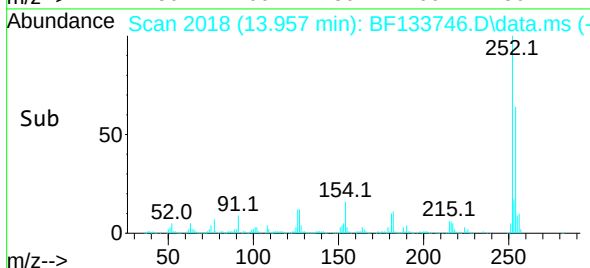
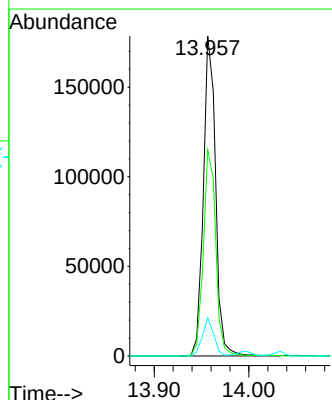
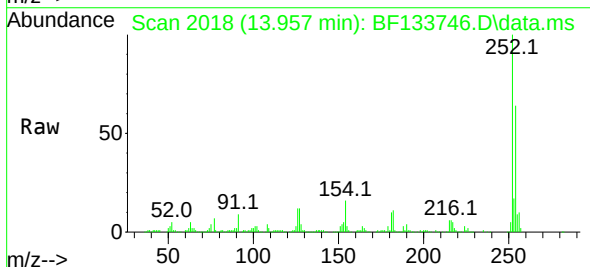
Tgt Ion:252 Resp: 160349

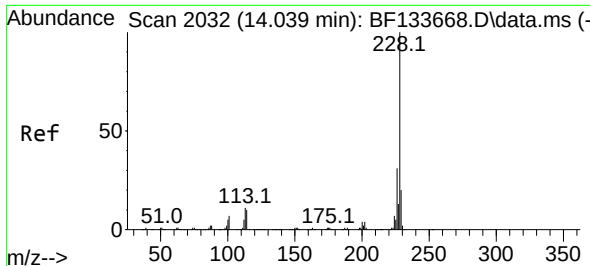
Ion Ratio Lower Upper

252 100

254 64.3 51.9 77.9

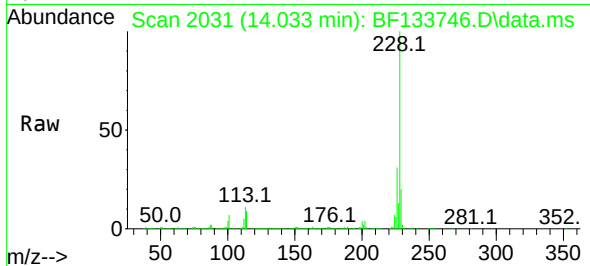
126 12.0 7.7 11.5#





#83
Chrysene
Concen: 40.530 ng
RT: 14.033 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

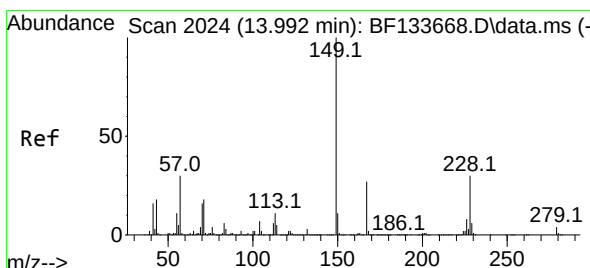
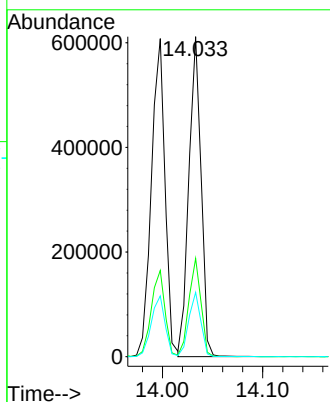
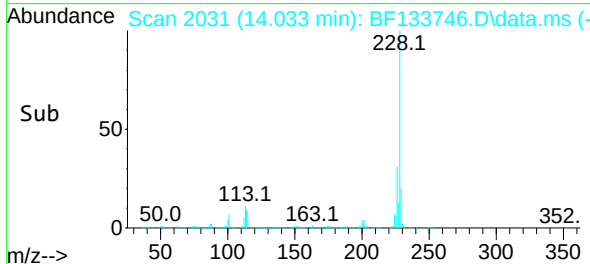
Instrument :
BNA_F
ClientSampleId :
PB153266BS



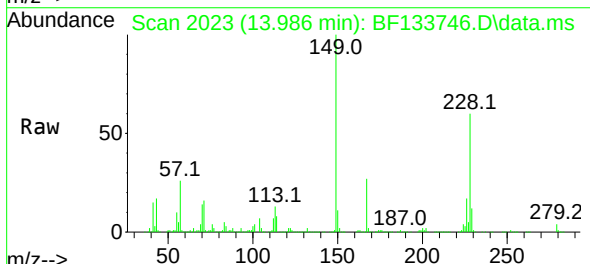
Tgt Ion:228 Resp: 51679
Ion Ratio Lower Upper
228 100
226 30.7 25.0 37.6
229 20.1 15.8 23.8

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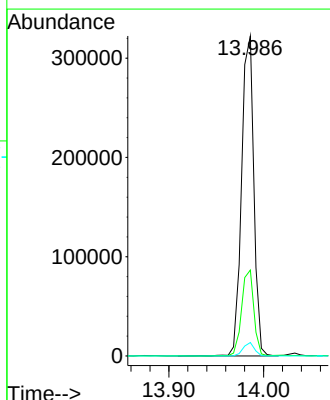
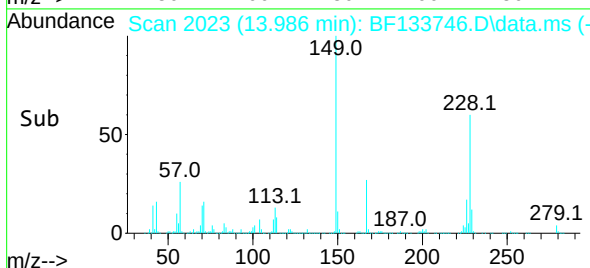
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

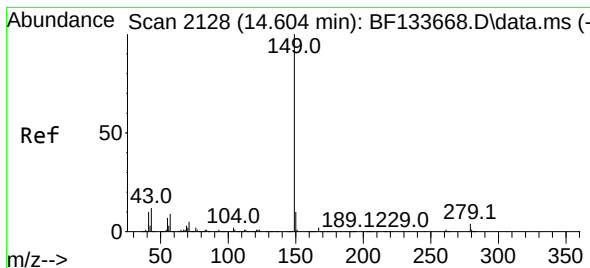


#84
Bis(2-ethylhexyl)phthalate
Concen: 30.668 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33



Tgt Ion:149 Resp: 289425
Ion Ratio Lower Upper
149 100
167 26.8 21.8 32.8
279 4.2 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 35.163 ng

RT: 14.598 min Scan# 2127

Delta R.T. -0.006 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB153266BS

Tgt Ion:149 Resp: 471572

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

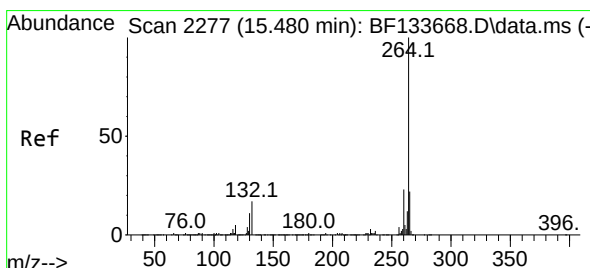
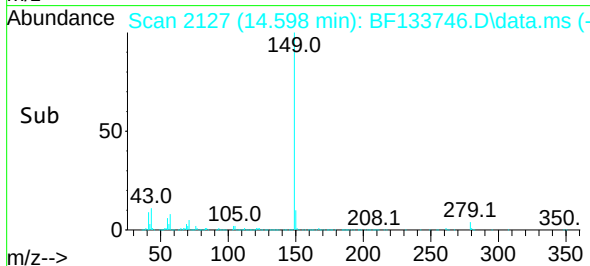
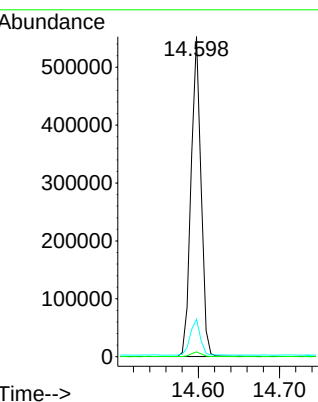
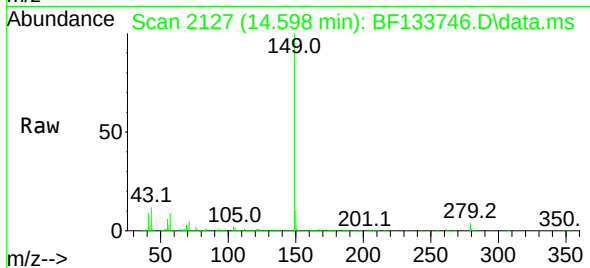
43 11.2 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/15/2023

Supervised By :mohammad ahmed 06/16/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. -0.012 min

Lab File: BF133746.D

Acq: 14 Jun 2023 11:33

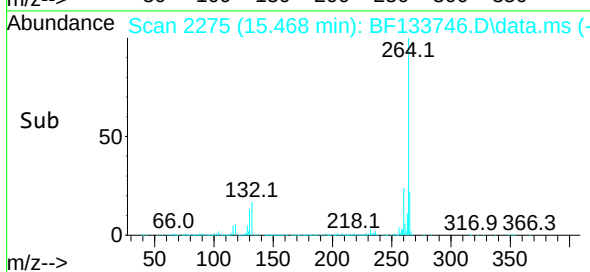
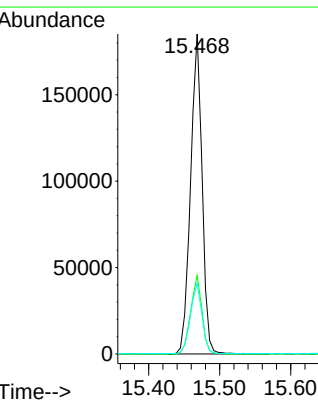
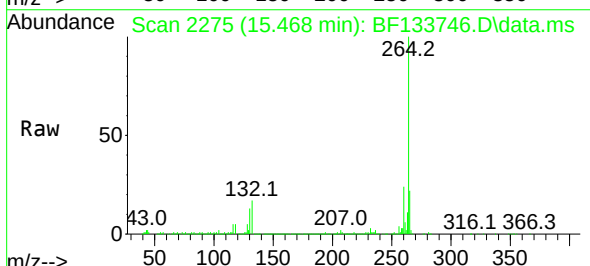
Tgt Ion:264 Resp: 209790

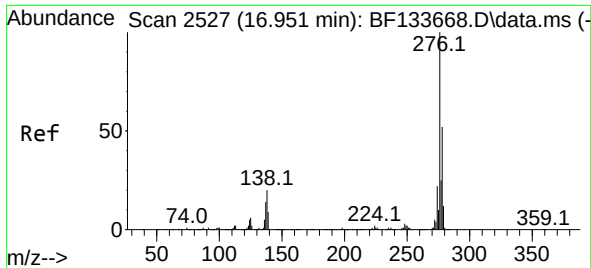
Ion Ratio Lower Upper

264 100

260 24.5 18.2 27.2

265 22.1 17.8 26.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.788 ng
RT: 16.939 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

Instrument :

BNA_F

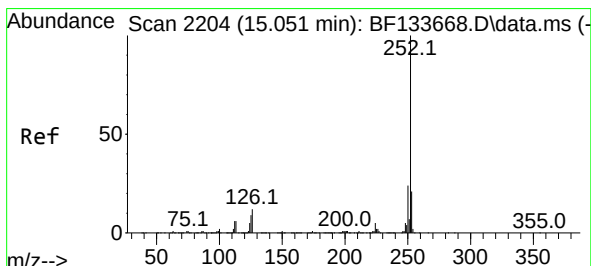
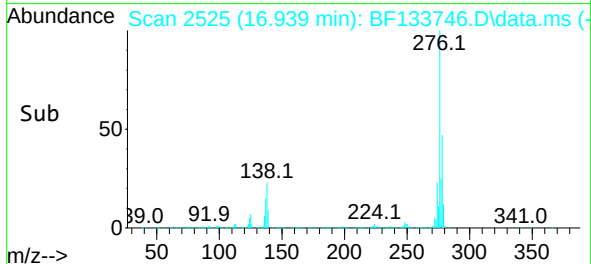
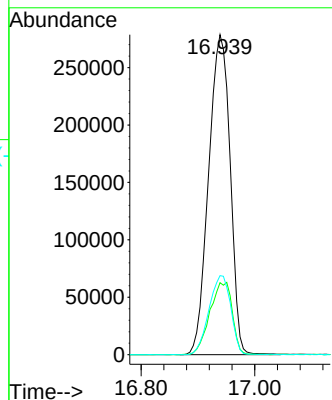
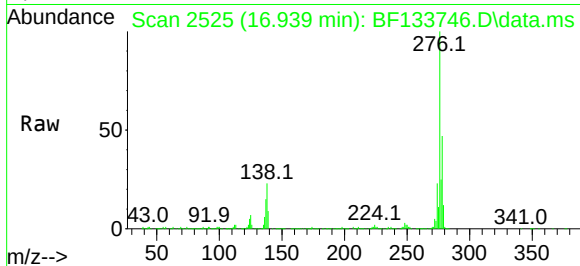
ClientSampleId :

PB153266BS

Tgt Ion:276 Resp: 733025
Ion Ratio Lower Upper
276 100
138 23.7 17.9 26.9
277 25.0 20.3 30.5

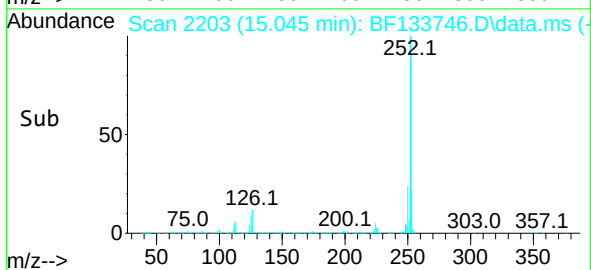
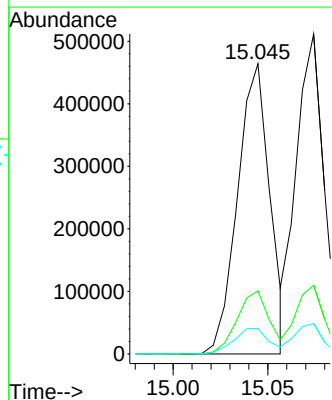
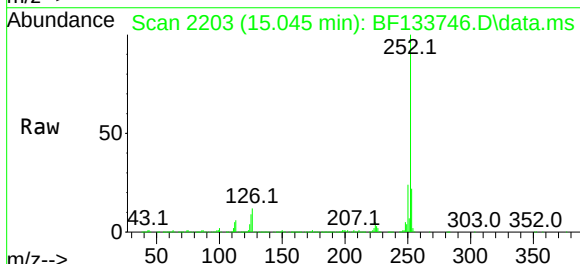
Manual Integrations
APPROVED

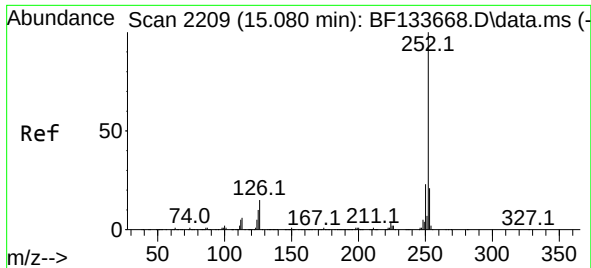
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#88
Benzo(b)fluoranthene
Concen: 43.100 ng
RT: 15.045 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

Tgt Ion:252 Resp: 549261
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 8.8 7.3 10.9





#89
Benzo(k)fluoranthene
Concen: 41.511 ng
RT: 15.074 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

Instrument :

BNA_F

ClientSampleId :

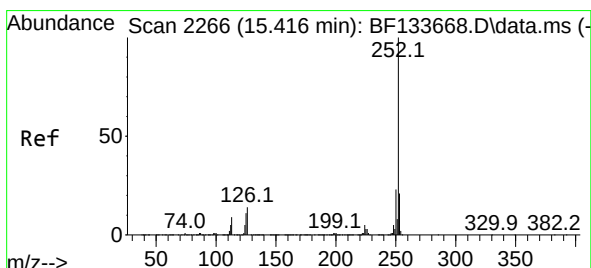
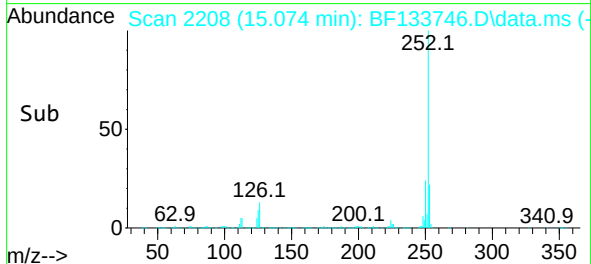
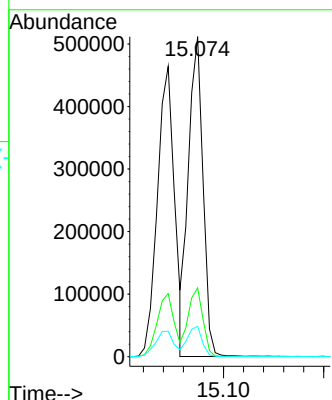
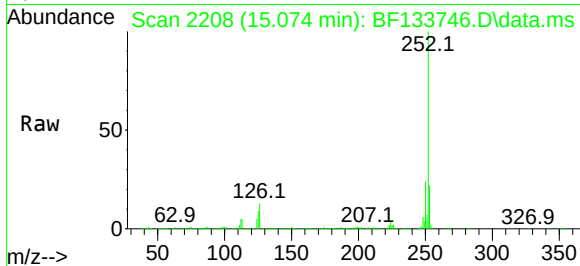
PB153266BS

Tgt Ion:252 Resp: 51531
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.4
125 9.5 7.8 11.6

Manual Integrations

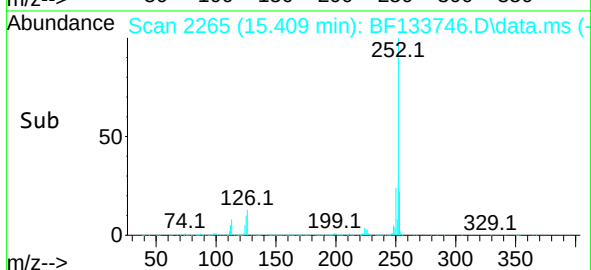
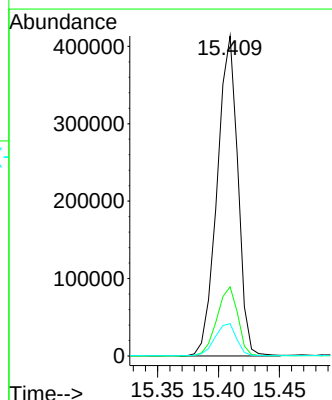
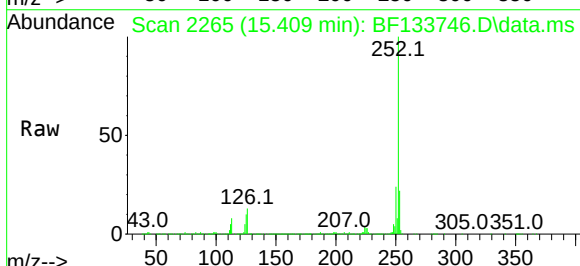
APPROVED

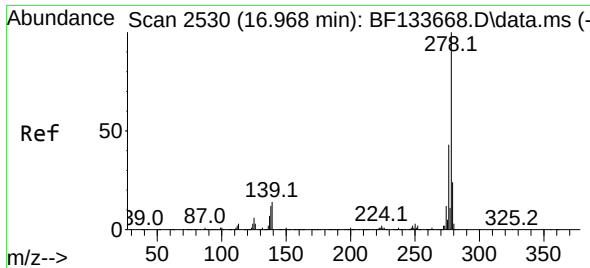
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#90
Benzo(a)pyrene
Concen: 41.415 ng
RT: 15.409 min Scan# 2265
Delta R.T. -0.012 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

Tgt Ion:252 Resp: 489826
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 10.1 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 50.159 ng
RT: 16.956 min Scan# 2528
Delta R.T. -0.018 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

Instrument :

BNA_F

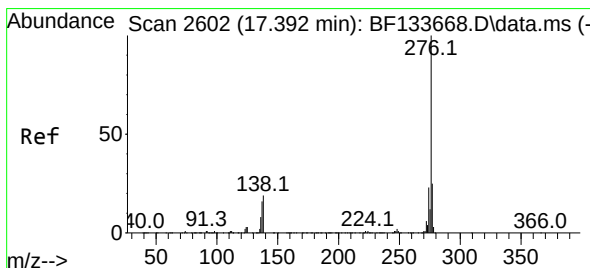
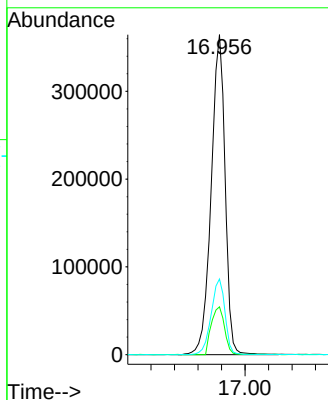
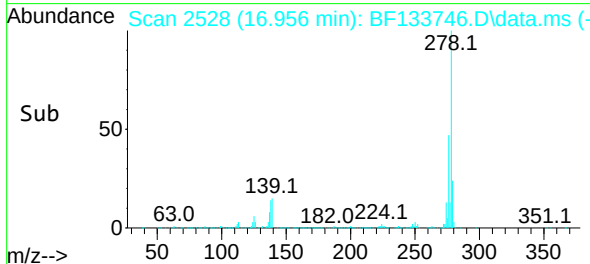
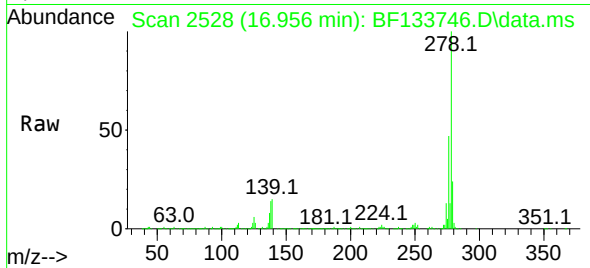
ClientSampleId :

PB153266BS

Tgt Ion:278 Resp: 599340
Ion Ratio Lower Upper
278 100
139 14.9 11.4 17.2
279 23.6 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#92
Benzo(g,h,i)perylene
Concen: 54.107 ng
RT: 17.386 min Scan# 2601
Delta R.T. -0.018 min
Lab File: BF133746.D
Acq: 14 Jun 2023 11:33

Tgt Ion:276 Resp: 641007
Ion Ratio Lower Upper
276 100
277 23.1 19.8 29.8
138 20.1 15.0 22.4

