

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061923\
 Data File : BF133830.D
 Acq On : 19 Jun 2023 13:02
 Operator : CG\JU
 Sample : PB153176BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153176BS

Manual Integrations
 APPROVED

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

Quant Time: Jun 20 01:30:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 19 16:00:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	111518	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	439177	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	233800	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	455067	20.000	ng	0.00
76) Chrysene-d12	14.051	240	213292	20.000	ng	0.00
86) Perylene-d12	15.557	264	226651	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	755230	117.898	ng	0.01
7) Phenol-d6	6.504	99	922811	110.673	ng	0.00
23) Nitrobenzene-d5	7.428	82	639344	79.291	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	315228	106.514	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1206749	73.371	ng	0.00
79) Terphenyl-d14	12.992	244	1338231	97.083	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	96792	34.369	ng	98
3) Pyridine	3.510	79	234023	28.510	ng	97
4) n-Nitrosodimethylamine	3.469	42	187446	41.312	ng	97
6) Aniline	6.522	93	293190	27.917	ng	# 87
8) 2-Chlorophenol	6.645	128	309798	45.891	ng	98
9) Benzaldehyde	6.410	77	86706	15.674	ng	94
10) Phenol	6.516	94	366576	42.103	ng	91
11) bis(2-Chloroethyl)ether	6.598	93	277717	42.965	ng	96
12) 1,3-Dichlorobenzene	6.798	146	320847	44.484	ng	97
13) 1,4-Dichlorobenzene	6.875	146	327113	44.871	ng	96
14) 1,2-Dichlorobenzene	7.028	146	312253	47.403	ng	99
15) Benzyl Alcohol	7.004	79	280691	43.101	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	506489	46.225	ng	99
17) 2-Methylphenol	7.116	107	247334	41.336	ng	99
18) Hexachloroethane	7.369	117	127445	51.066	ng	97
19) n-Nitroso-di-n-propyla...	7.275	70	223761	42.178	ng	98
20) 3+4-Methylphenols	7.269	107	306107	39.326	ng	# 85
22) Acetophenone	7.269	105	432601	42.948	ng	# 91
24) Nitrobenzene	7.445	77	336770	41.478	ng	98
25) Isophorone	7.681	82	615457	41.576	ng	99
26) 2-Nitrophenol	7.757	139	166995	45.830	ng	99
27) 2,4-Dimethylphenol	7.792	122	275370	43.846	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	353717	41.343	ng	99
29) 2,4-Dichlorophenol	7.998	162	263319	42.779	ng	99
30) 1,2,4-Trichlorobenzene	8.081	180	271362	42.255	ng	97
31) Naphthalene	8.163	128	865431	40.447	ng	100
32) Benzoic acid	7.922	122	211790	53.469	ng	95
33) 4-Chloroaniline	8.210	127	93527	10.223	ng	96
34) Hexachlorobutadiene	8.275	225	173241	41.202	ng	99
35) Caprolactam	8.592	113	87718m	42.351	ng	
36) 4-Chloro-3-methylphenol	8.698	107	300468	42.349	ng	100
37) 2-Methylnaphthalene	8.857	142	590444	39.716	ng	100
38) 1-Methylnaphthalene	8.951	142	552220	40.366	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	275741	38.795	ng	97
41) Hexachlorocyclopentadiene	9.004	237	360691	113.875	ng	98
43) 2,4,6-Trichlorophenol	9.134	196	192761	40.584	ng	97

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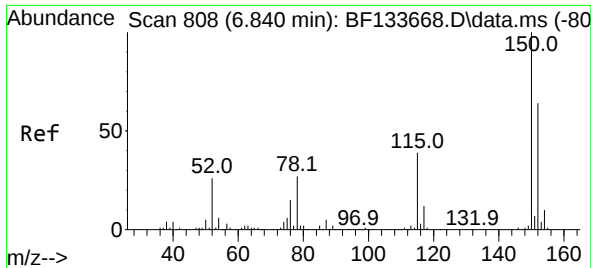
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	210194	38.039	ng	98
46) 1,1'-Biphenyl	9.322	154	755055	40.043	ng	99
47) 2-Chloronaphthalene	9.345	162	551633	40.783	ng	98
48) 2-Nitroaniline	9.445	65	197447	39.914	ng	99
49) Acenaphthylene	9.763	152	923459	39.226	ng	100
50) Dimethylphthalate	9.628	163	682374	39.102	ng	99
51) 2,6-Dinitrotoluene	9.686	165	150402	41.754	ng	# 77
52) Acenaphthene	9.933	154	545509	39.587	ng	99
53) 3-Nitroaniline	9.857	138	92727	21.154	ng	94
54) 2,4-Dinitrophenol	9.969	184	178363	99.806	ng	93
55) Dibenzofuran	10.110	168	833190	39.625	ng	98
56) 4-Nitrophenol	10.028	139	248778	84.092	ng	85
57) 2,4-Dinitrotoluene	10.098	165	199639	43.578	ng	96
58) Fluorene	10.451	166	658011	40.922	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	181252	43.812	ng	97
60) Diethylphthalate	10.328	149	718012	40.426	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	312565	39.375	ng	98
62) 4-Nitroaniline	10.481	138	165839	38.586	ng	95
63) Azobenzene	10.604	77	679048	40.386	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	115328	53.036	ng	78
66) n-Nitrosodiphenylamine	10.563	169	595435	38.954	ng	98
67) 4-Bromophenyl-phenylether	10.933	248	196880	38.762	ng	96
68) Hexachlorobenzene	10.998	284	218731	40.952	ng	95
69) Atrazine	11.098	200	189432	42.712	ng	96
70) Pentachlorophenol	11.198	266	243674	76.189	ng	98
71) Phenanthrene	11.422	178	941942	40.798	ng	99
72) Anthracene	11.469	178	969492	40.272	ng	99
73) Carbazole	11.628	167	889793	39.685	ng	100
74) Di-n-butylphthalate	11.957	149	1135524	39.505	ng	99
75) Fluoranthene	12.616	202	990597	40.403	ng	99
77) Benzidine	12.733	184	205365	28.693	ng	98
78) Pyrene	12.845	202	977510	49.198	ng	100
80) Butylbenzylphthalate	13.469	149	374366	44.631	ng	96
81) Benzo(a)anthracene	14.039	228	618983	41.955	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	140096	28.562	ng	99
83) Chrysene	14.074	228	576871	41.340	ng	98
84) Bis(2-ethylhexyl)phtha...	14.027	149	413347	40.022	ng	98
85) Di-n-octyl phthalate	14.651	149	597982	40.743	ng	99
87) Indeno(1,2,3-cd)pyrene	17.110	276	820554	52.623	ng	98
88) Benzo(b)fluoranthene	15.110	252	545222	39.600	ng	98
89) Benzo(k)fluoranthene	15.139	252	542725	40.466	ng	98
90) Benzo(a)pyrene	15.492	252	522377	40.881	ng	99
91) Dibenzo(a,h)anthracene	17.133	278	673331	52.159	ng	100
92) Benzo(g,h,i)perylene	17.586	276	683985	53.440	ng	97

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



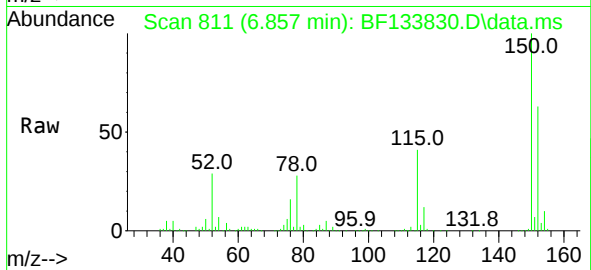
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02

Instrument :

BNA_F

ClientSampleId :

PB153176BS

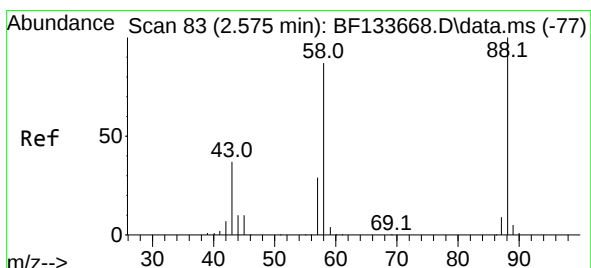
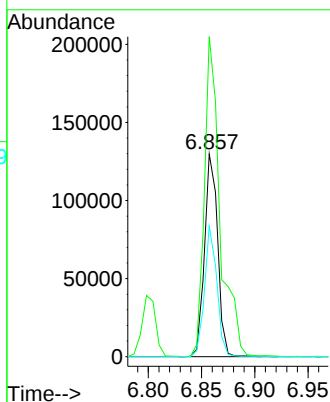
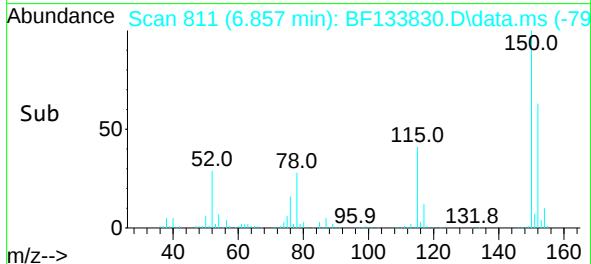


Tgt Ion:152 Resp: 111518
Ion Ratio Lower Upper
152 100
150 157.8 124.3 186.5
115 64.4 48.5 72.7

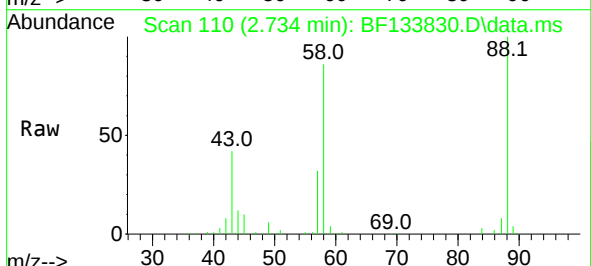
Manual Integrations

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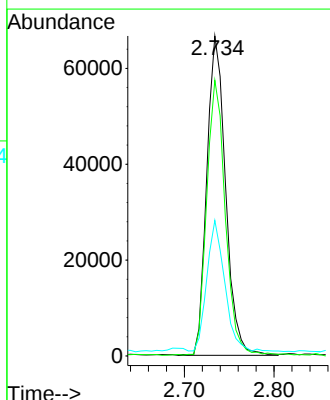
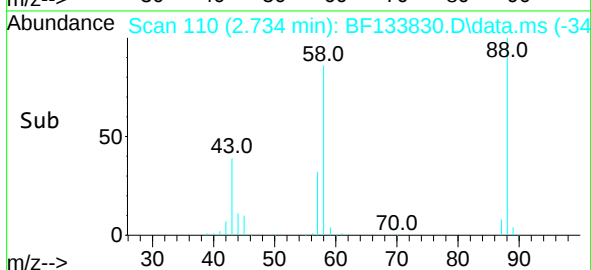
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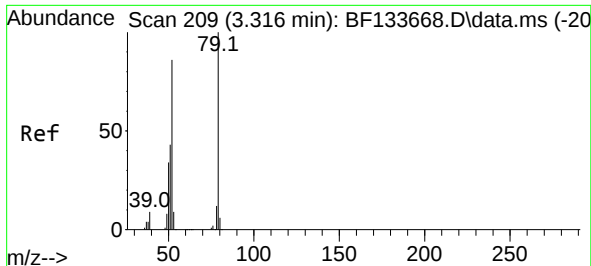


#2
1,4-Dioxane
Concen: 34.369 ng
RT: 2.734 min Scan# 110
Delta R.T. 0.094 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02



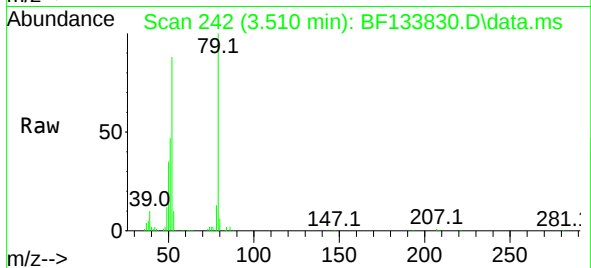
Tgt Ion: 88 Resp: 96792
Ion Ratio Lower Upper
88 100
58 85.7 67.8 101.6
43 39.5 29.8 44.6





#3
Pyridine
Concen: 28.510 ng
RT: 3.510 min Scan# 24
Delta R.T. 0.082 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02

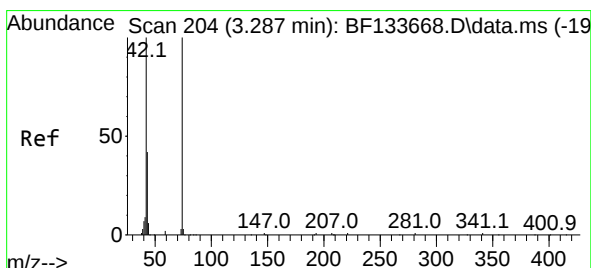
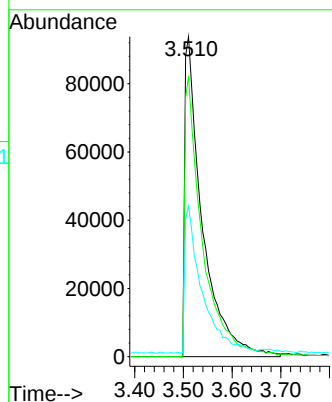
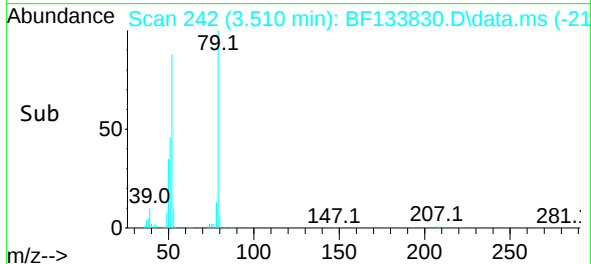
Instrument :
BNA_F
ClientSampleId :
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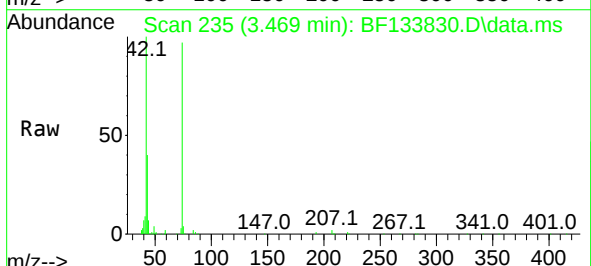
Tgt Ion: 79 Resp: 23402
Ion Ratio Lower Upper
79 100
52 87.6 68.6 102.8
51 47.1 34.8 52.2

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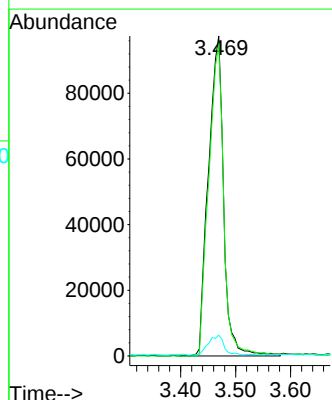
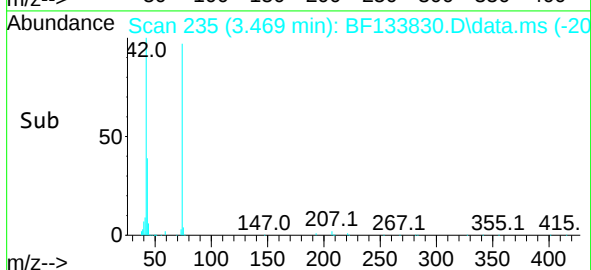
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

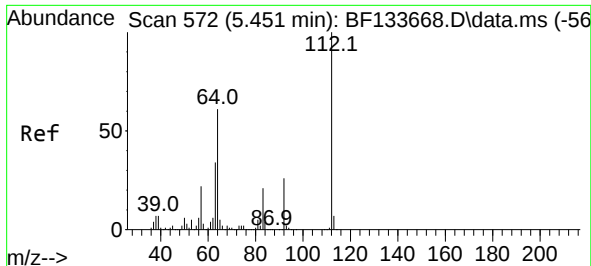


#4
n-Nitrosodimethylamine
Concen: 41.312 ng
RT: 3.469 min Scan# 235
Delta R.T. 0.082 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02



Tgt Ion: 42 Resp: 187446
Ion Ratio Lower Upper
42 100
74 96.9 79.8 119.8
44 6.5 4.7 7.1





#5
2-Fluorophenol
Concen: 117.898 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02

Instrument :

BNA_F

ClientSampleId :

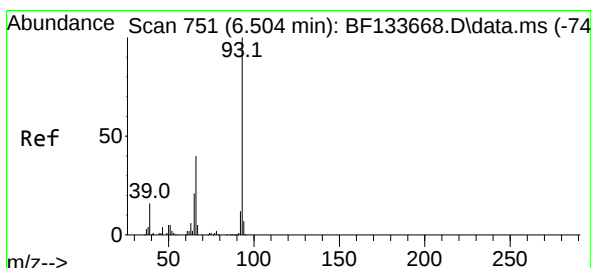
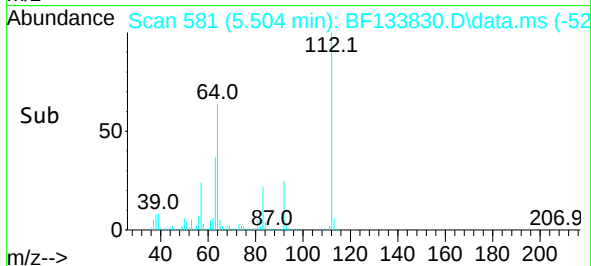
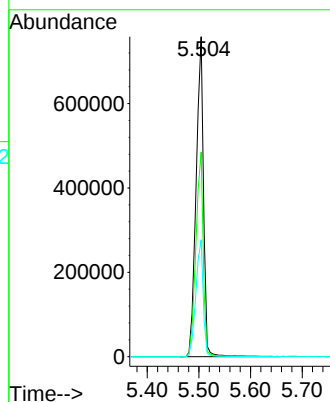
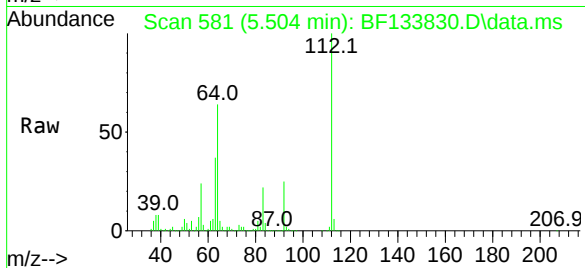
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Tgt Ion:112 Resp: 755230
Ion Ratio Lower Upper
112 100
64 63.9 49.0 73.4
63 36.6 26.8 40.2

Manual Integrations

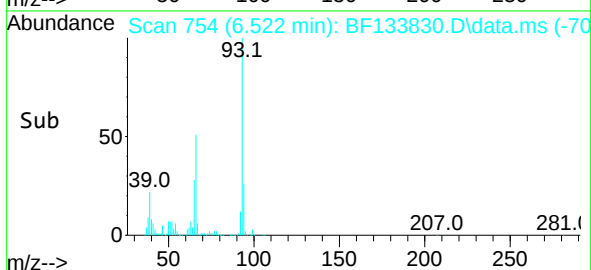
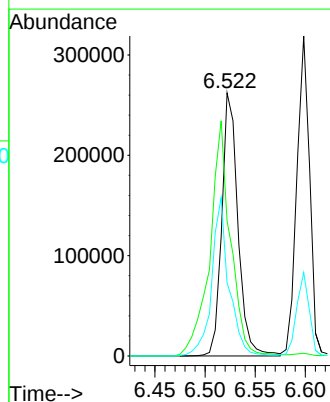
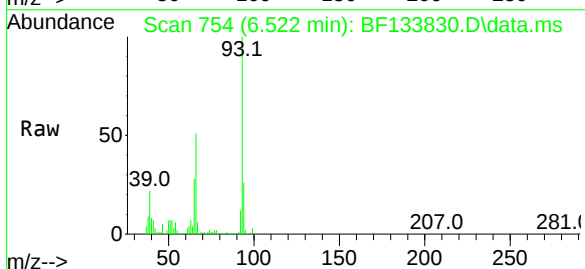
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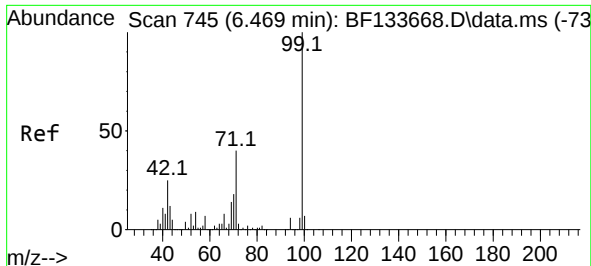
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#6
Aniline
Concen: 27.917 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02

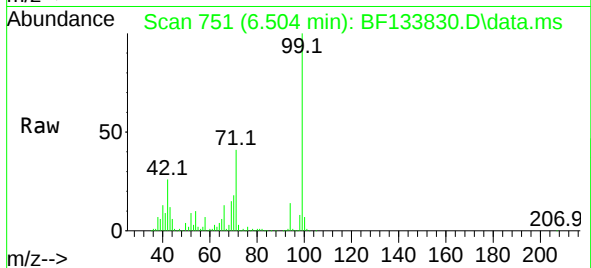
Tgt Ion: 93 Resp: 293190
Ion Ratio Lower Upper
93 100
66 51.2 34.4 51.6
65 27.8 17.5 26.3





#7
Phenol-d6
Concen: 110.673 ng
RT: 6.504 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02

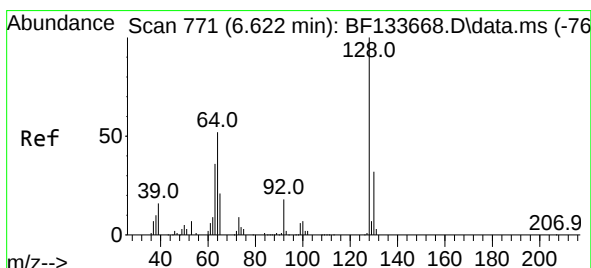
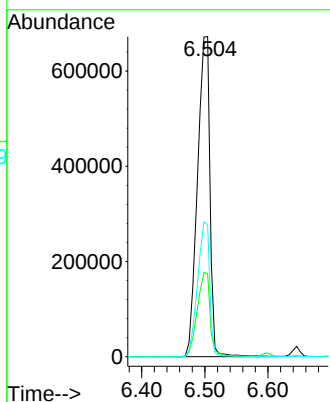
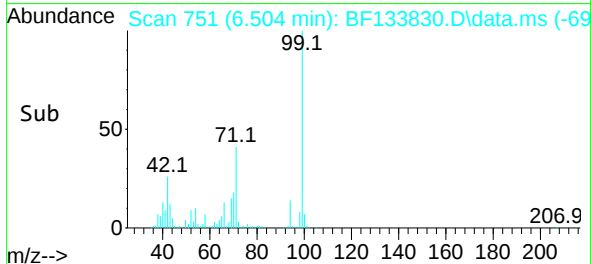
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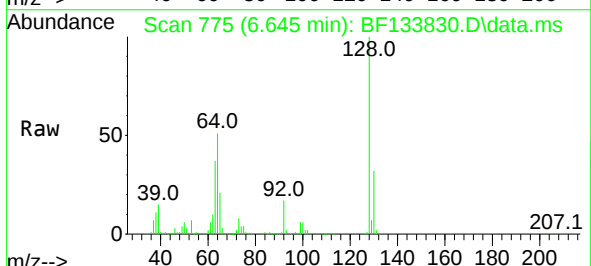
Tgt Ion: 99 Resp: 92281
Ion Ratio Lower Upper
99 100
42 26.0 19.9 29.9
71 41.2 32.2 48.4

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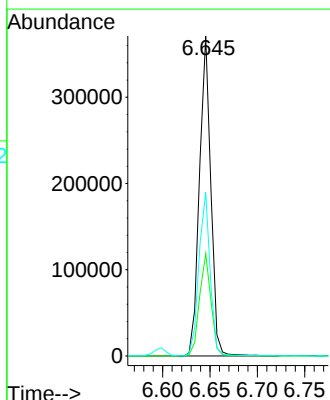
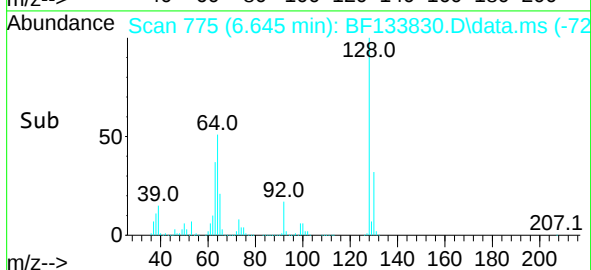
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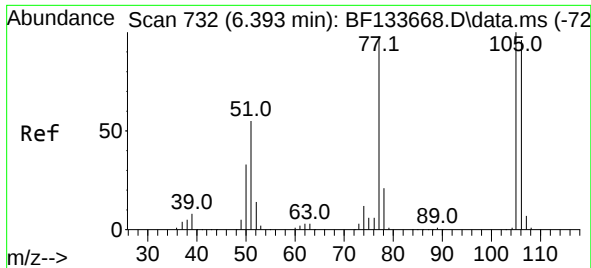


#8
2-Chlorophenol
Concen: 45.891 ng
RT: 6.645 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02



Tgt Ion:128 Resp: 309798
Ion Ratio Lower Upper
128 100
130 31.9 12.3 52.3
64 51.1 33.1 73.1





#9
Benzaldehyde
Concen: 15.674 ng
RT: 6.410 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02

Instrument :

BNA_F

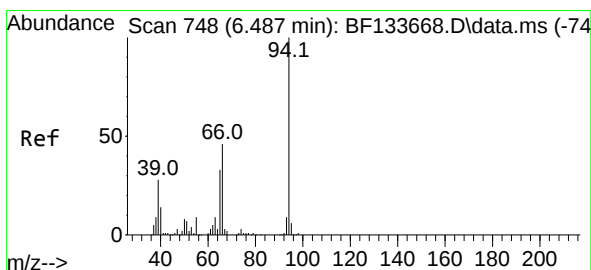
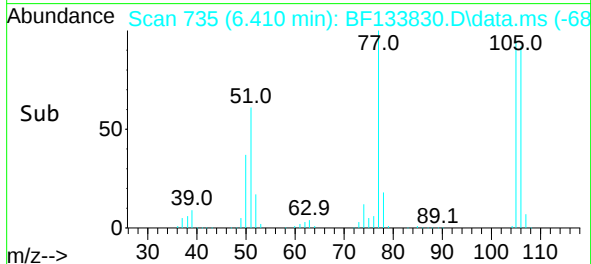
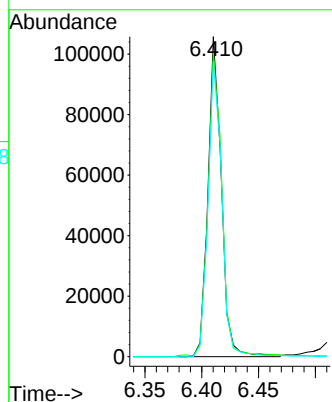
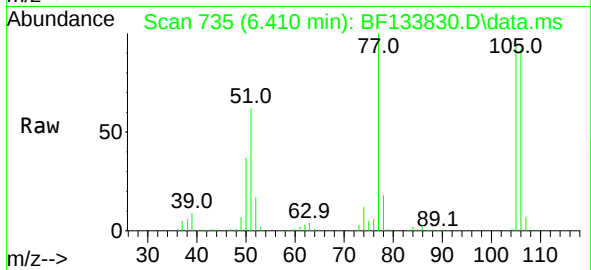
ClientSampleId :

PB153176BS

Tgt Ion: 77 Resp: 86700
Ion Ratio Lower Upper
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105 95.0 82.0 122.0
106 92.3 77.6 117.6

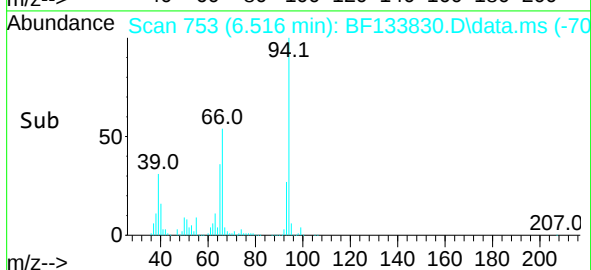
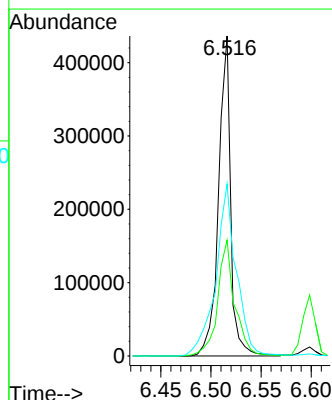
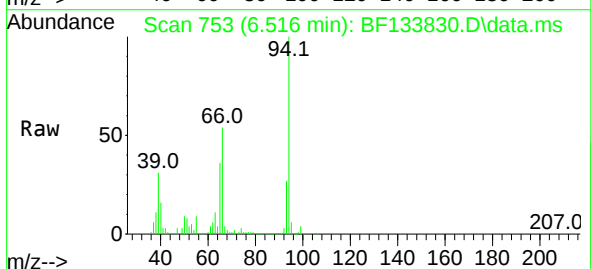
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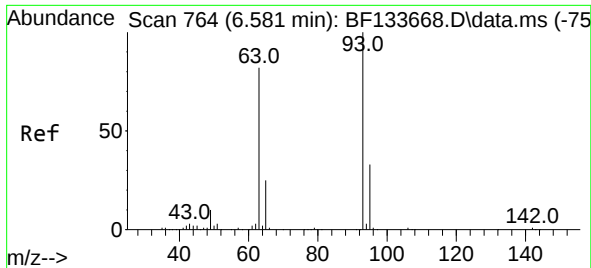
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#10
Phenol
Concen: 42.103 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02

Tgt Ion: 94 Resp: 366576
Ion Ratio Lower Upper
94 100
65 36.2 13.2 53.2
66 53.7 26.1 66.1





#11
bis(2-Chloroethyl)ether
Concen: 42.965 ng
RT: 6.598 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02

Instrument :

BNA_F

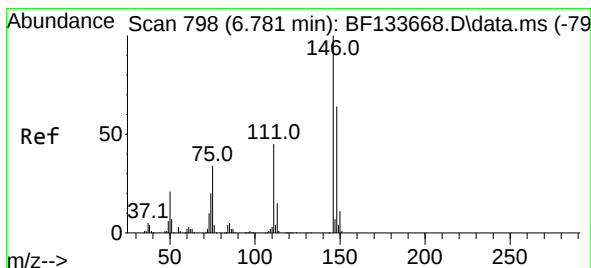
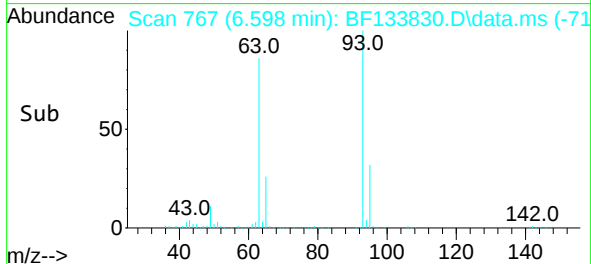
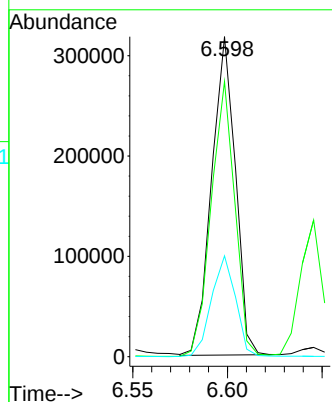
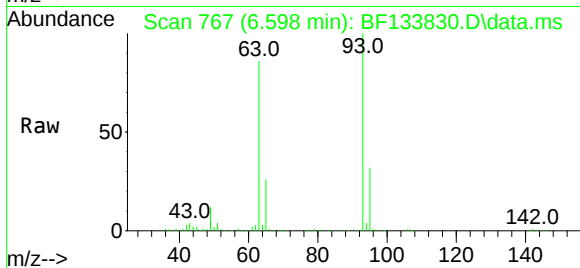
ClientSampleId :

PB153176BS

Tgt Ion: 93 Resp: 27771
Ion Ratio Lower Upper
93 100
63 86.0 62.1 102.1
95 31.5 13.0 53.0

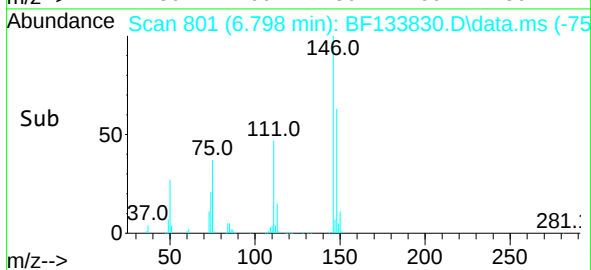
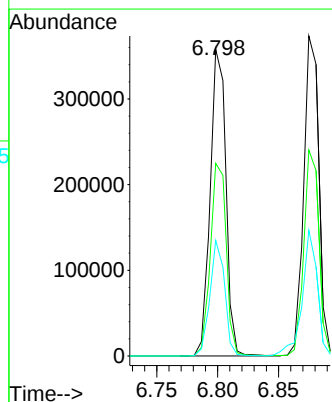
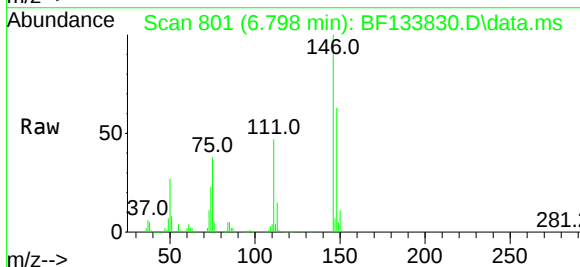
Manual Integrations
APPROVED

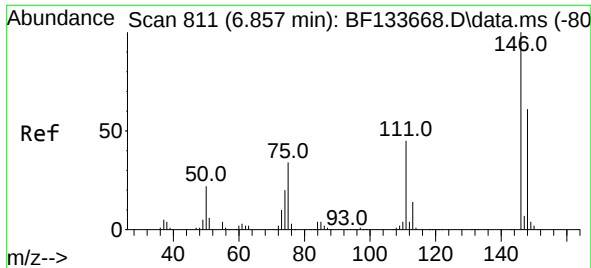
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#12
1,3-Dichlorobenzene
Concen: 44.484 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02

Tgt Ion:146 Resp: 320847
Ion Ratio Lower Upper
146 100
148 62.8 50.9 76.3
75 37.7 27.1 40.7





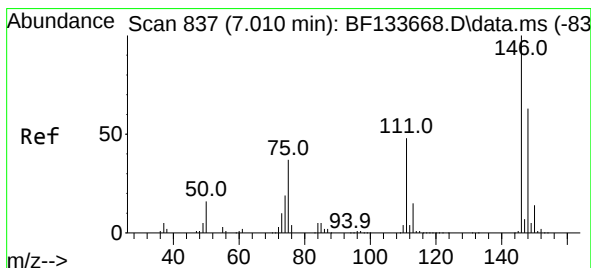
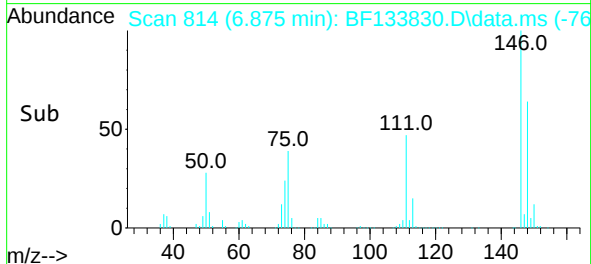
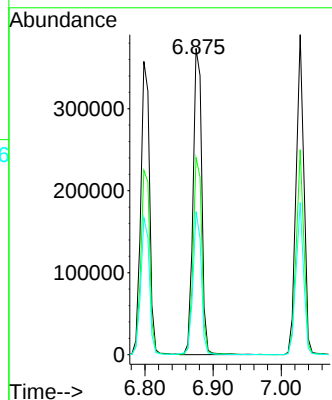
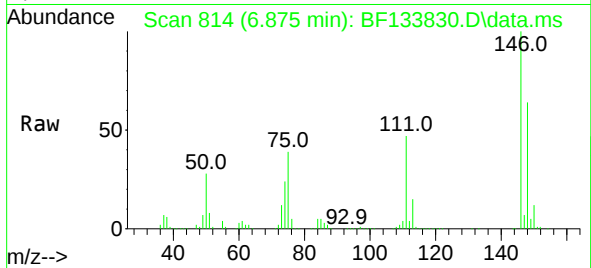
#13
1,4-Dichlorobenzene
Concen: 44.871 ng
RT: 6.875 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02

Instrument :
BNA_F
ClientSampleId :
PB153176BS

Tgt Ion:146 Resp: 327111
Ion Ratio Lower Upper
146 100
148 64.3 48.9 73.3
111 46.7 35.8 53.6

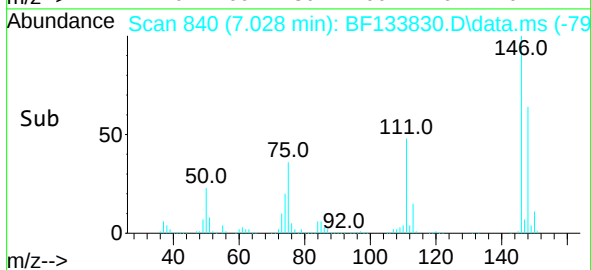
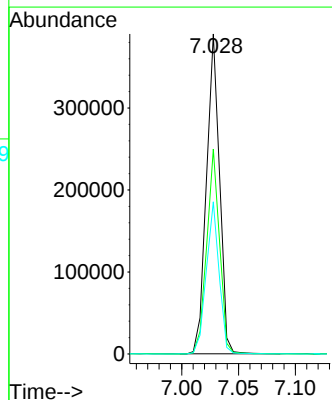
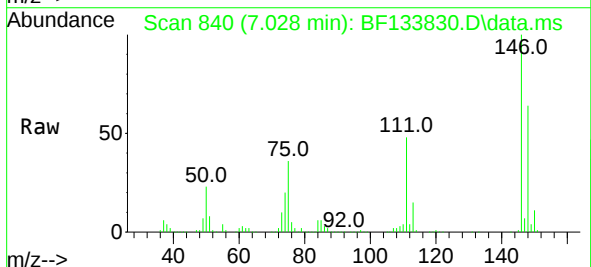
Manual Integrations
APPROVED

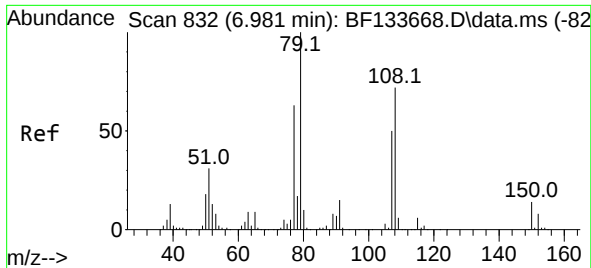
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#14
1,2-Dichlorobenzene
Concen: 47.403 ng
RT: 7.028 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02

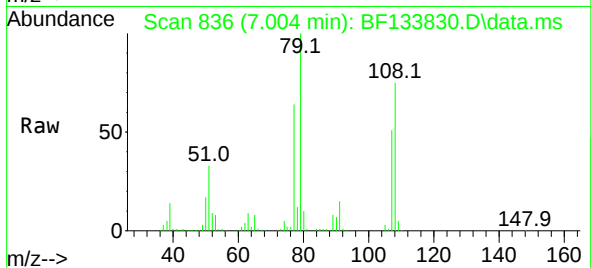
Tgt Ion:146 Resp: 312253
Ion Ratio Lower Upper
146 100
148 64.1 50.6 75.8
111 47.5 38.7 58.1





#15
Benzyl Alcohol
Concen: 43.101 ng
RT: 7.004 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02

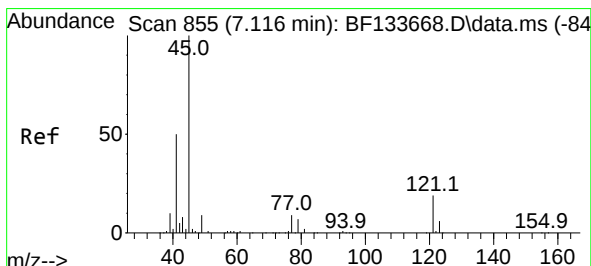
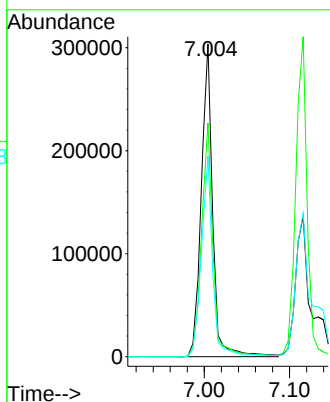
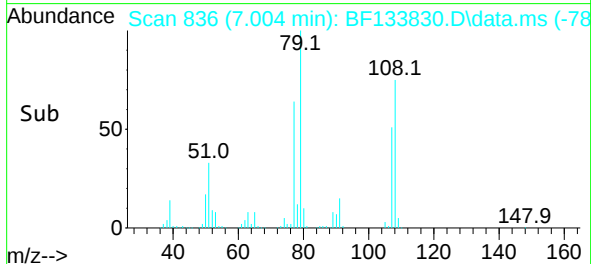
Instrument :
BNA_F
ClientSampleId :
PB153176BS



Tgt Ion: 79 Resp: 28069
Ion Ratio Lower Upper
79 100
108 74.7 57.9 86.9
77 64.1 50.4 75.6

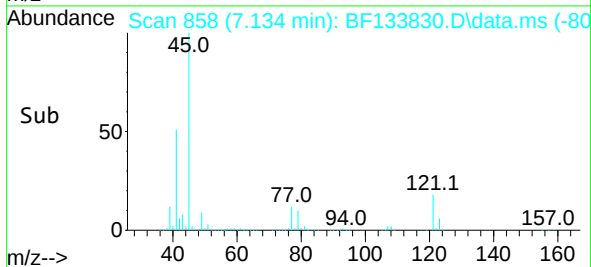
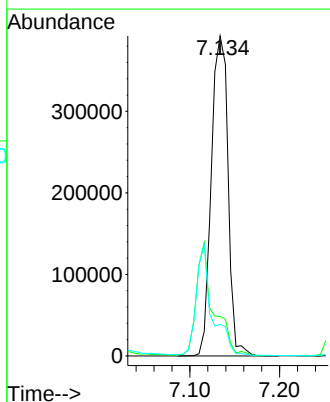
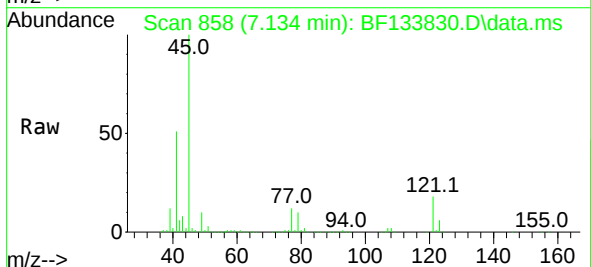
Manual Integrations
APPROVED

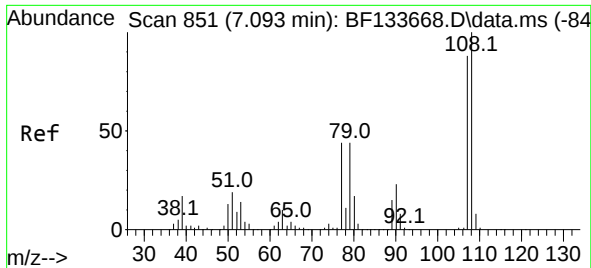
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.225 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02

Tgt Ion: 45 Resp: 506489
Ion Ratio Lower Upper
45 100
77 12.3 0.0 32.3
79 9.8 0.0 29.4





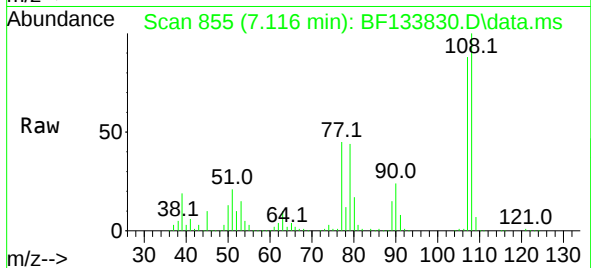
#17
2-Methylphenol
Concen: 41.336 ng
RT: 7.116 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02

Instrument :

BNA_F

ClientSampleId :

PB153176BS

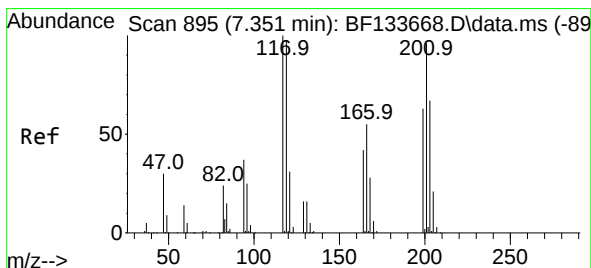
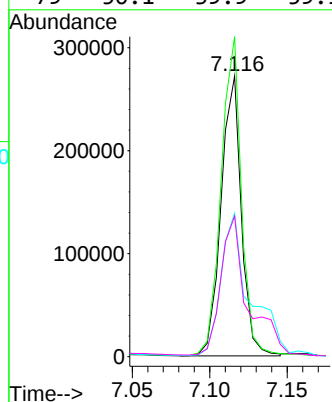


Tgt Ion:107 Resp: 247334
Ion Ratio Lower Upper
107 100
108 114.1 90.9 136.3
77 51.2 39.8 59.6
79 50.1 39.9 59.9

Manual Integrations

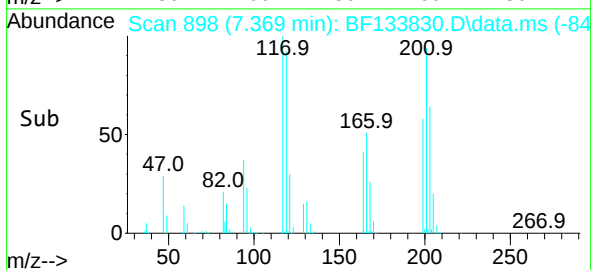
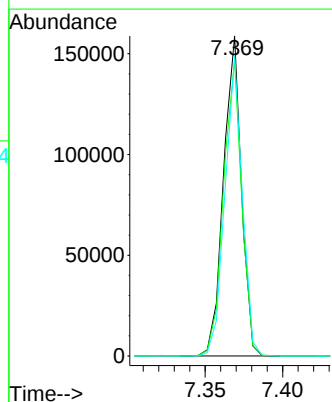
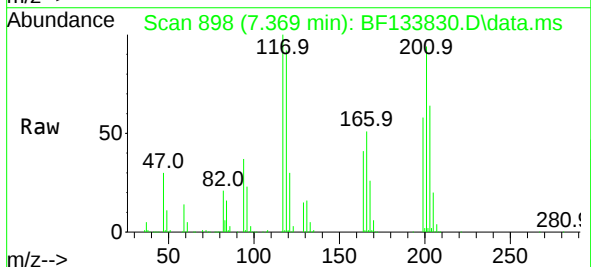
APPROVED

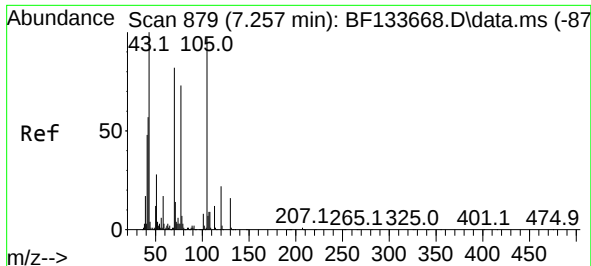
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#18
Hexachloroethane
Concen: 51.066 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.000 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02

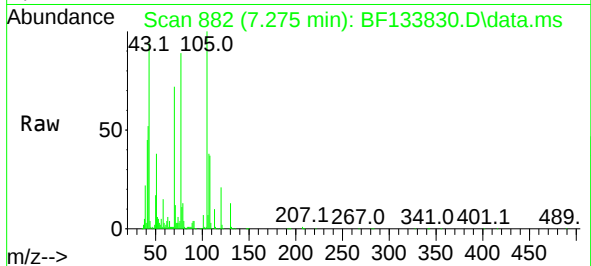
Tgt Ion:117 Resp: 127445
Ion Ratio Lower Upper
117 100
119 92.3 77.3 115.9
201 93.9 76.8 115.2





#19
n-Nitroso-di-n-propylamine
Concen: 42.178 ng
RT: 7.275 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02

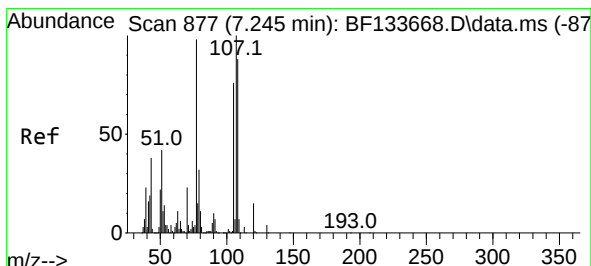
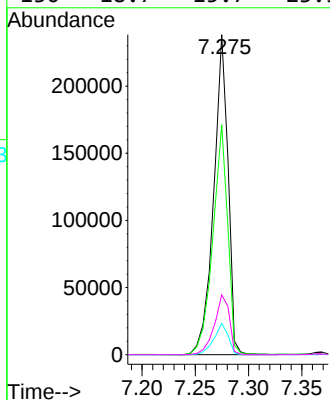
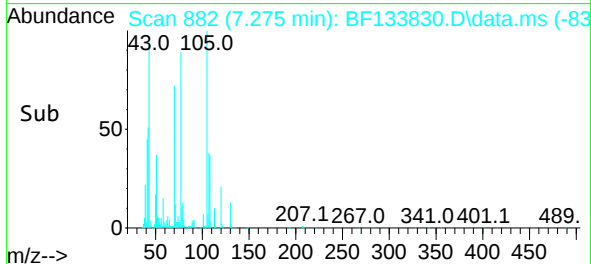
Instrument :
BNA_F
ClientSampleId :
PB153176BS



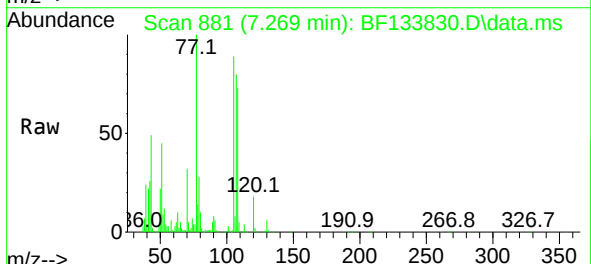
Tgt Ion: 70 Resp: 22376
Ion Ratio Lower Upper
70 100
42 71.8 55.8 83.8
101 9.8 8.1 12.1
130 18.7 15.7 23.5

Manual Integrations
APPROVED

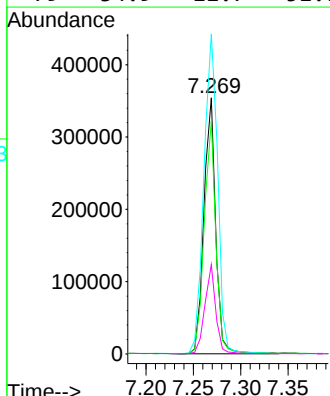
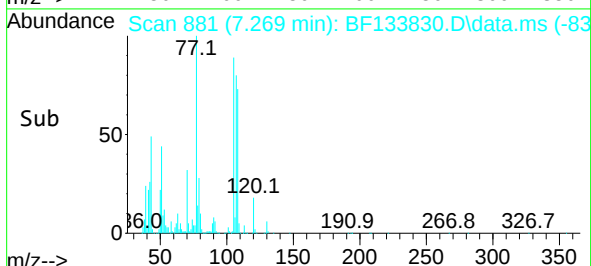
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

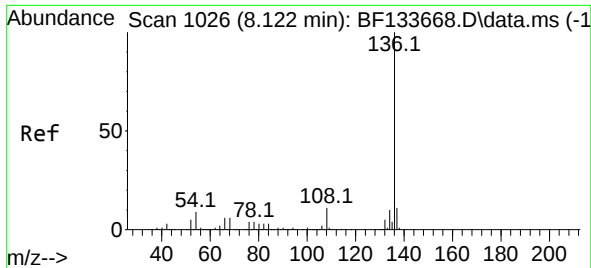


#20
3+4-Methylphenols
Concen: 39.326 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02



Tgt Ion:107 Resp: 306107
Ion Ratio Lower Upper
107 100
108 91.0 67.9 107.9
77 124.9 77.7 117.7#
79 34.9 11.7 51.7





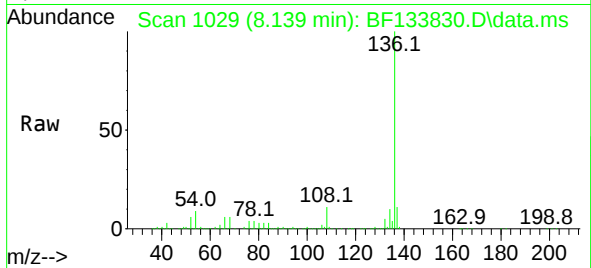
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02

Instrument :

BNA_F

ClientSampleId :

PB153176BS

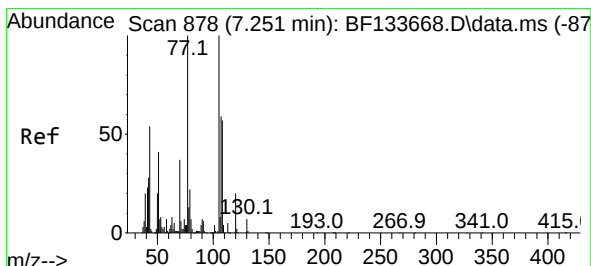
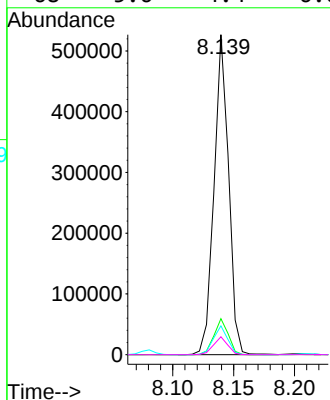
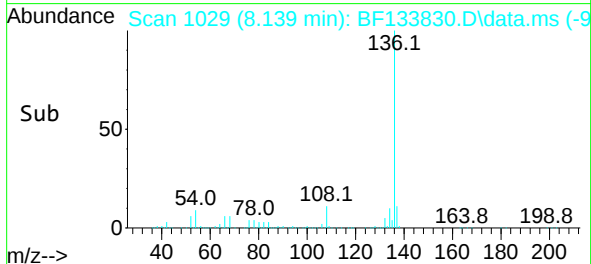


Tgt Ion:136 Resp: 43917
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 9.0 7.4 11.0
68 5.6 4.4 6.6

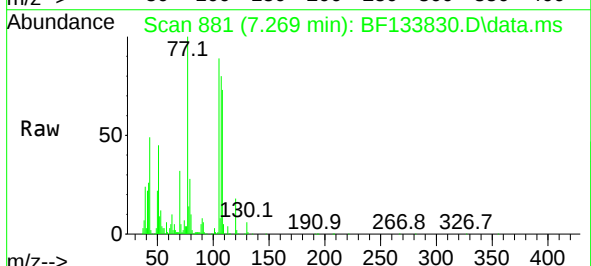
Manual Integrations

APPROVED

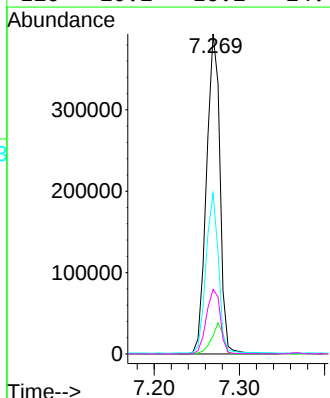
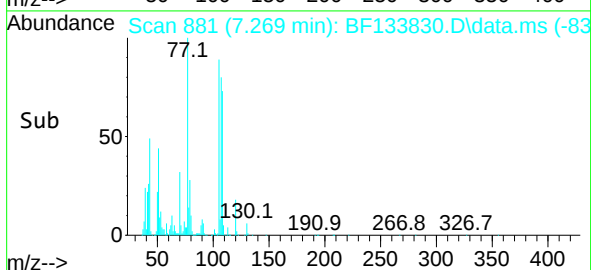
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

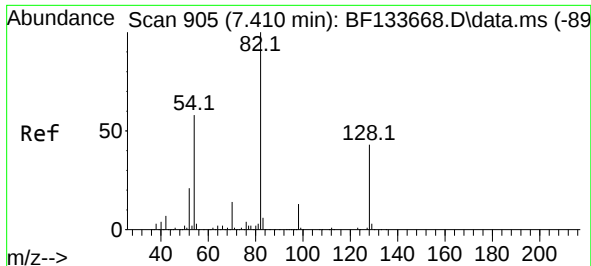


#22
Acetophenone
Concen: 42.948 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02



Tgt Ion:105 Resp: 432601
Ion Ratio Lower Upper
105 100
71 5.7 4.8 7.2
51 50.2 33.0 49.4#
120 20.2 16.2 24.4





#23

Nitrobenzene-d5

Concen: 79.291 ng

RT: 7.428 min Scan# 905

Delta R.T. 0.000 min

Lab File: BF133830.D

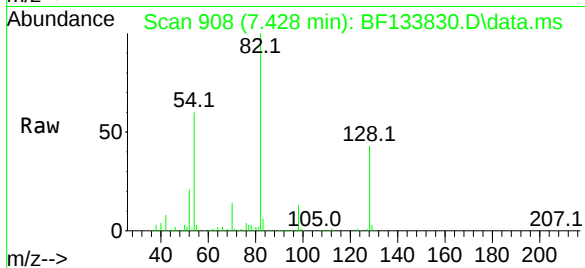
Acq: 19 Jun 2023 13:02

Instrument :

BNA_F

ClientSampleId :

PB153176BS



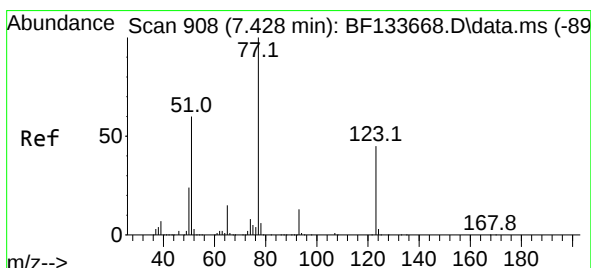
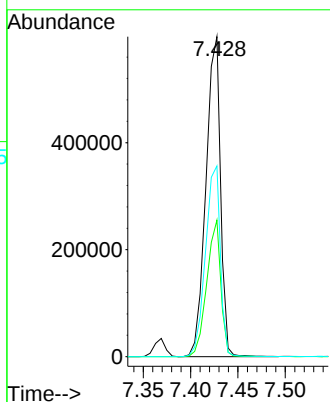
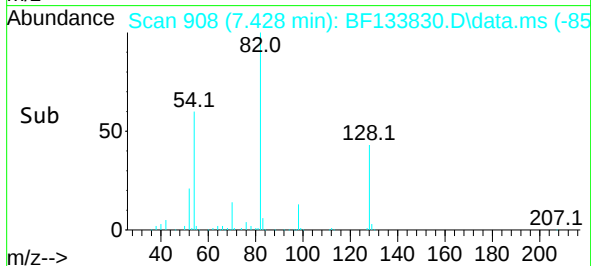
Tgt Ion:	82	Resp:	639344
Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.2	51.2
54	59.6	46.5	69.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#24

Nitrobenzene

Concen: 41.478 ng

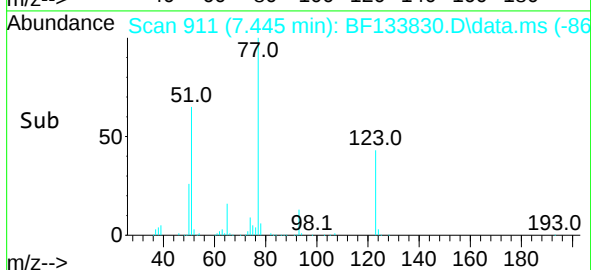
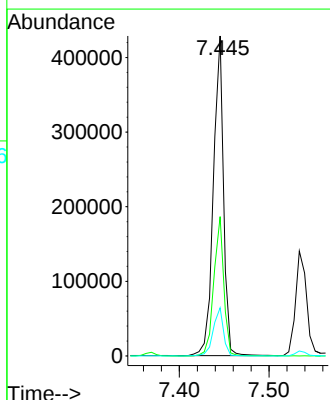
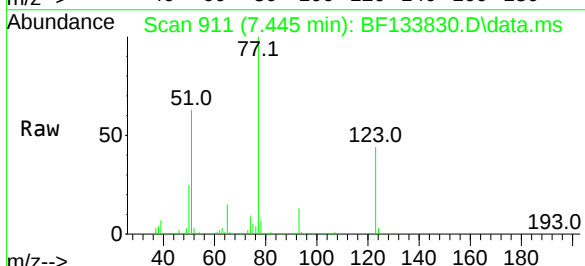
RT: 7.445 min Scan# 911

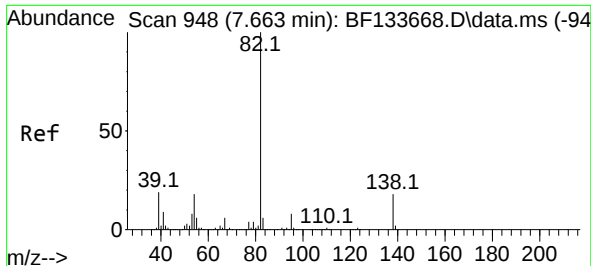
Delta R.T. 0.000 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

Tgt Ion:	77	Resp:	336770
Ion	Ratio	Lower	Upper
77	100		
123	43.5	35.8	53.8
65	15.1	11.6	17.4





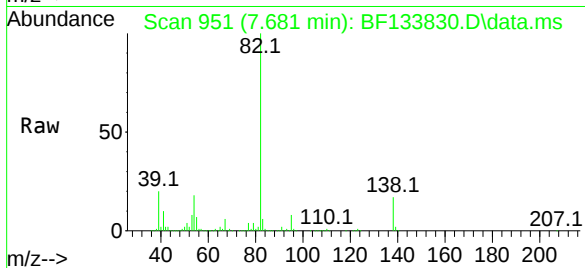
#25
Isophorone
Concen: 41.576 ng
RT: 7.681 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02

Instrument :

BNA_F

ClientSampleId :

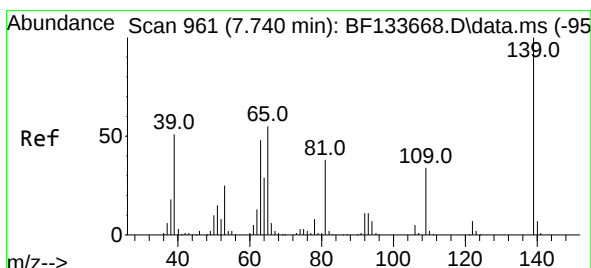
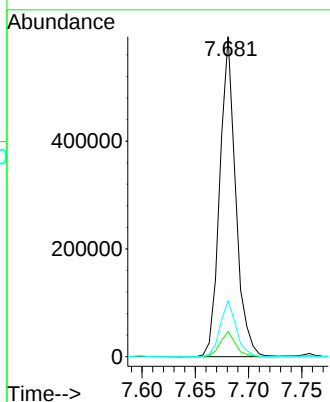
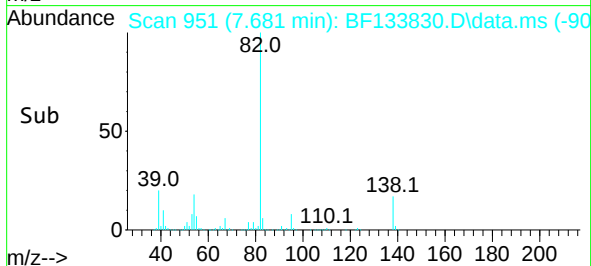
PB153176BS



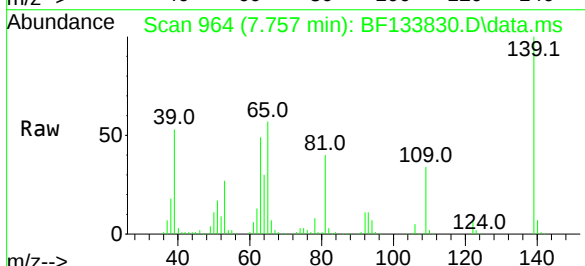
Tgt Ion: 82 Resp: 61545
Ion Ratio Lower Upper
82 100
95 7.8 6.0 9.0
138 17.4 14.2 21.2

Manual Integrations
APPROVED

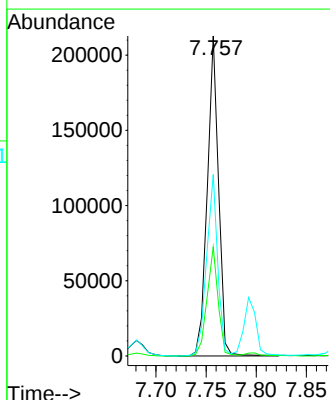
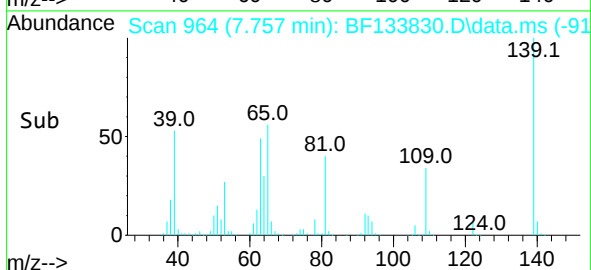
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

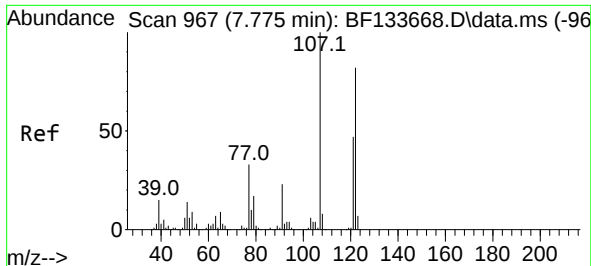


#26
2-Nitrophenol
Concen: 45.830 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02



Tgt Ion:139 Resp: 166995
Ion Ratio Lower Upper
139 100
109 34.1 27.0 40.6
65 56.7 44.2 66.4





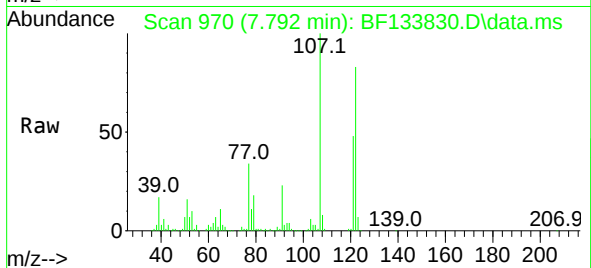
#27
2,4-Dimethylphenol
Concen: 43.846 ng
RT: 7.792 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02

Instrument :

BNA_F

ClientSampleId :

PB153176BS



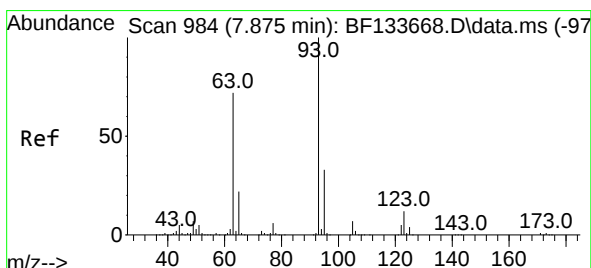
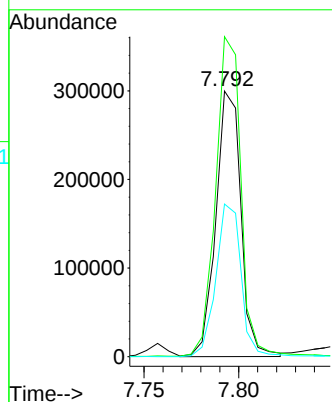
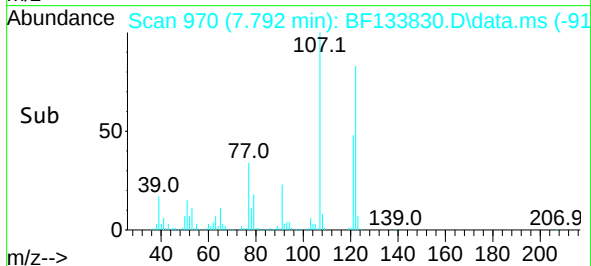
Tgt Ion:122 Resp: 275370
Ion Ratio Lower Upper
122 100
107 120.5 97.8 146.6
121 57.5 46.1 69.1

Manual Integrations

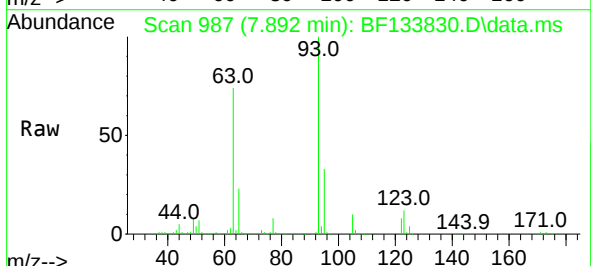
APPROVED

Reviewed By :Yogesh Patel 06/20/2023

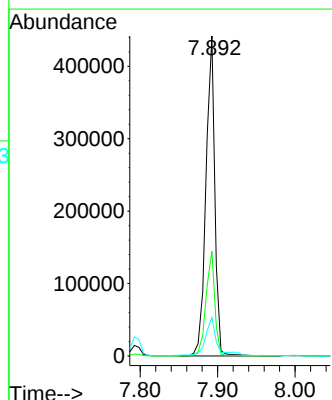
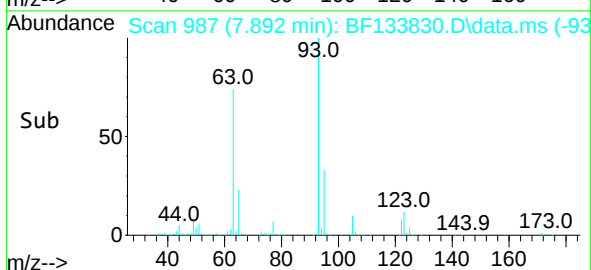
Supervised By :mohammad ahmed 06/20/2023

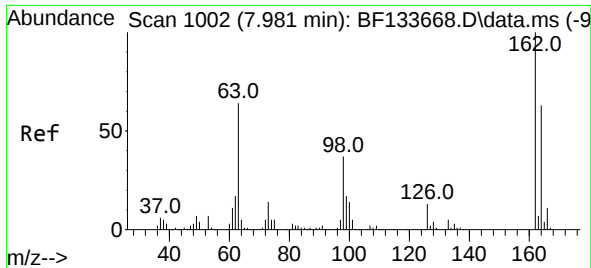


#28
bis(2-Chloroethoxy)methane
Concen: 41.343 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.000 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02



Tgt Ion: 93 Resp: 353717
Ion Ratio Lower Upper
93 100
95 32.7 26.4 39.6
123 12.1 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 42.779 ng

RT: 7.998 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF133830.D

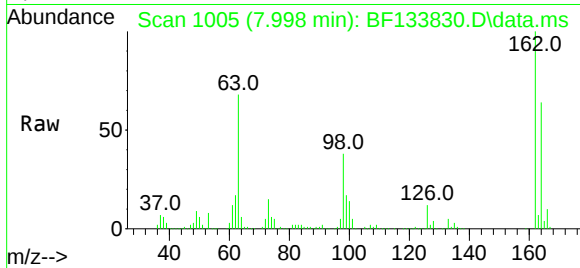
Acq: 19 Jun 2023 13:02

Instrument :

BNA_F

ClientSampleId :

PB153176BS



Tgt Ion:162 Resp: 263319

Ion Ratio Lower Upper

162 100

164 64.2 43.4 83.4

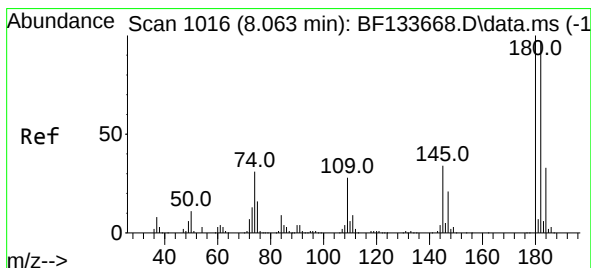
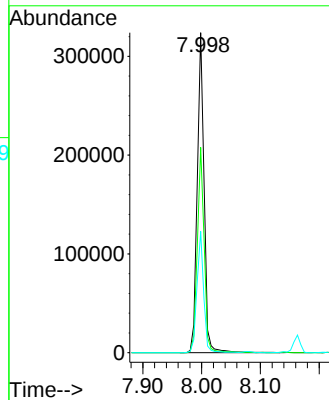
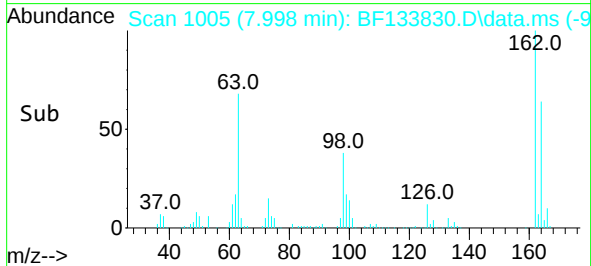
98 37.9 17.4 57.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.255 ng

RT: 8.081 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

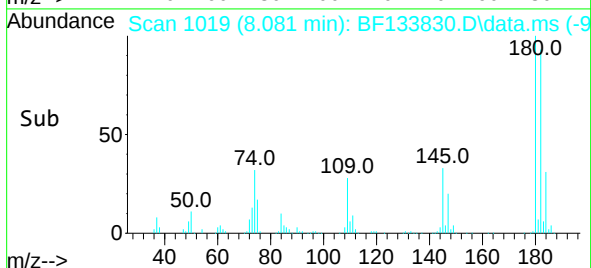
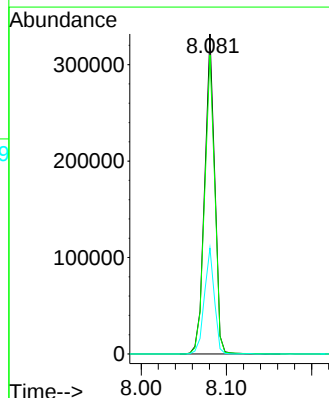
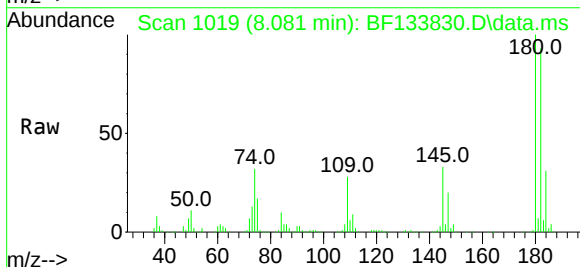
Tgt Ion:180 Resp: 271362

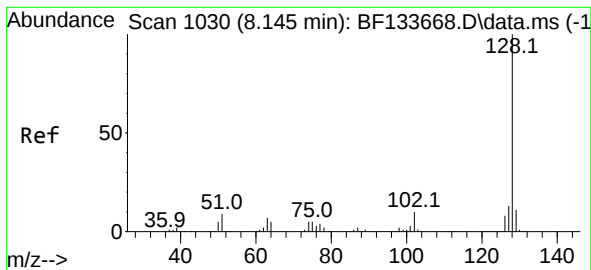
Ion Ratio Lower Upper

180 100

182 93.4 77.8 116.8

145 33.1 27.0 40.4





#31

Naphthalene

Concen: 40.447 ng

RT: 8.163 min Scan# 1033

Delta R.T. 0.000 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

Instrument :

BNA_F

ClientSampleId :

PB153176BS

Tgt Ion:128 Resp: 86543

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

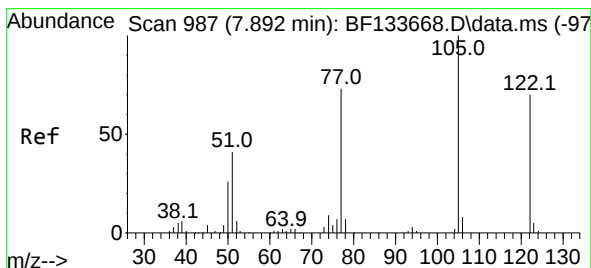
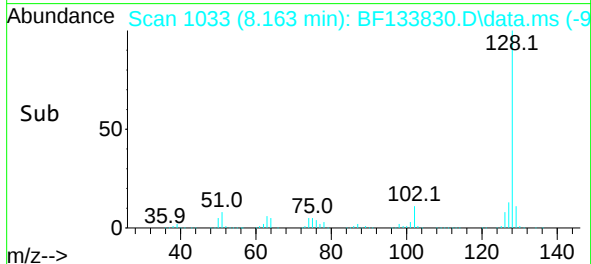
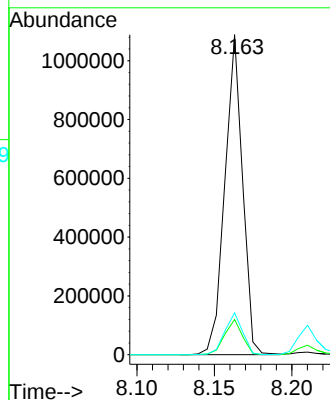
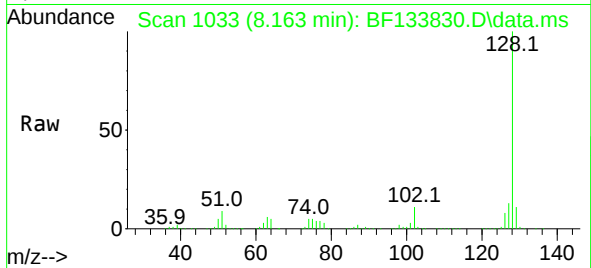
127 13.1 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#32

Benzoic acid

Concen: 53.469 ng

RT: 7.922 min Scan# 992

Delta R.T. 0.006 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

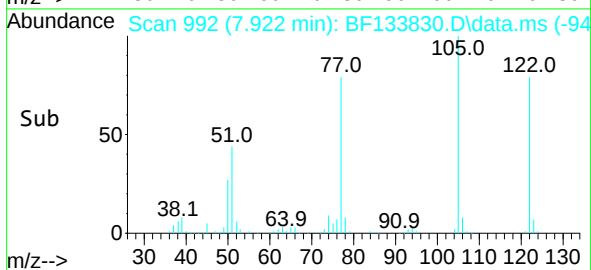
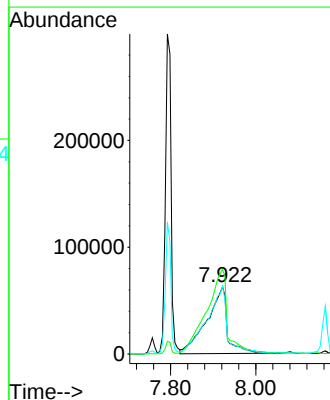
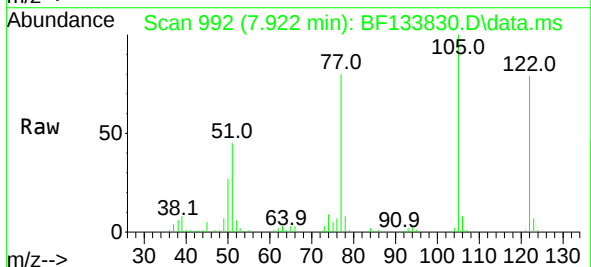
Tgt Ion:122 Resp: 211790

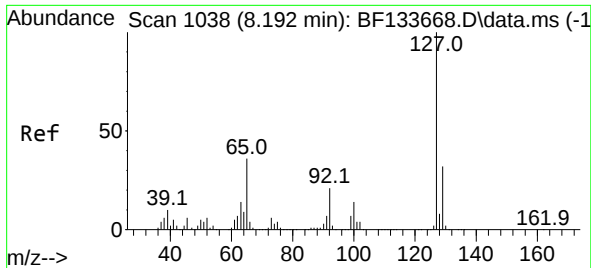
Ion Ratio Lower Upper

122 100

105 126.1 116.3 156.3

77 101.2 82.4 122.4





#33
4-Chloroaniline
Concen: 10.223 ng
RT: 8.210 min Scan# 1052
Delta R.T. -0.006 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02

Instrument :

BNA_F

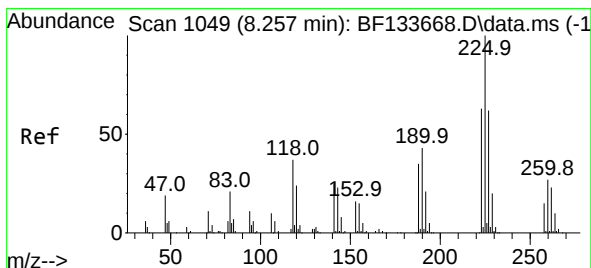
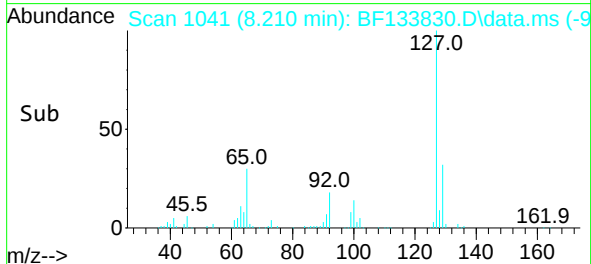
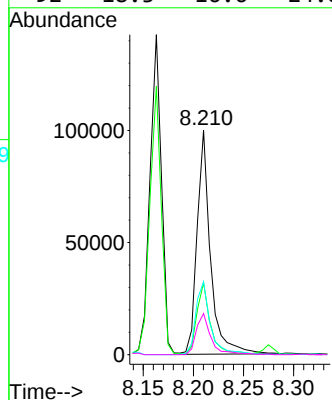
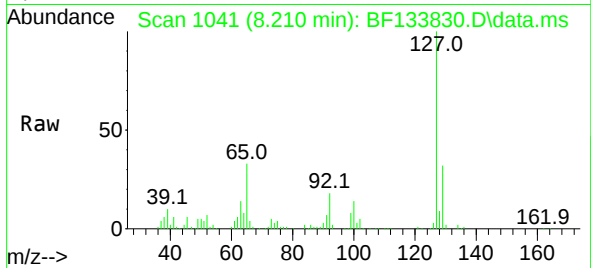
ClientSampleId :

PB153176BS

Tgt Ion:127 Resp: 9352
Ion Ratio Lower Upper
127 100
129 32.1 25.6 38.4
65 32.5 28.9 43.3
92 18.3 16.6 24.8

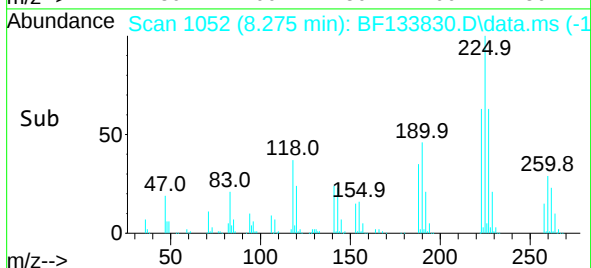
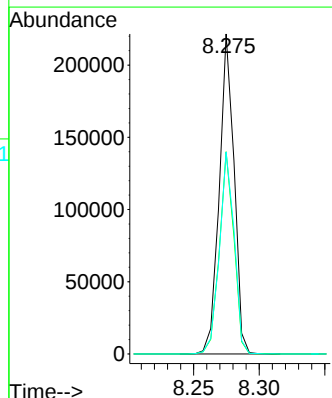
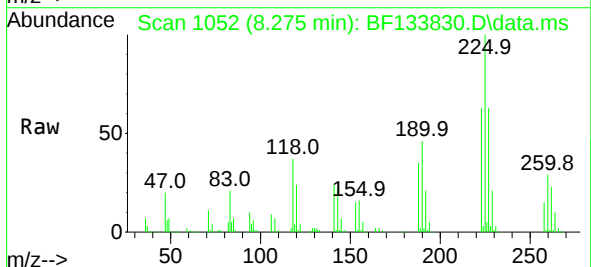
Manual Integrations
APPROVED

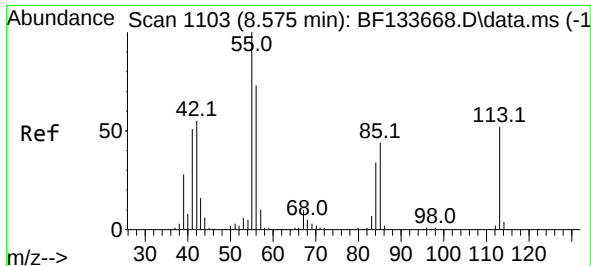
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#34
Hexachlorobutadiene
Concen: 41.202 ng
RT: 8.275 min Scan# 1052
Delta R.T. 0.000 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02

Tgt Ion:225 Resp: 173241
Ion Ratio Lower Upper
225 100
223 63.2 50.2 75.4
227 63.1 49.5 74.3





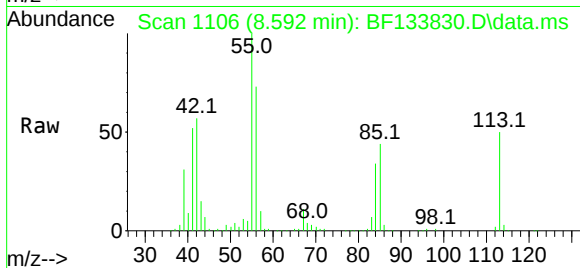
#35
Caprolactam
Concen: 42.351 ng m
RT: 8.592 min Scan# 1106
Delta R.T. 0.000 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02

Instrument :

BNA_F

ClientSampleId :

PB153176BS



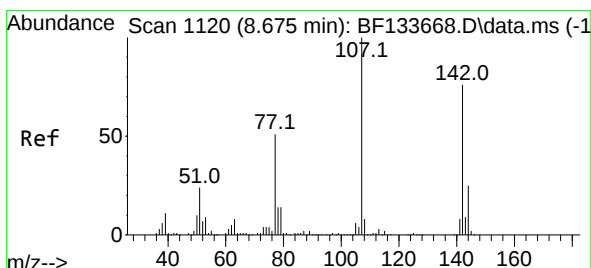
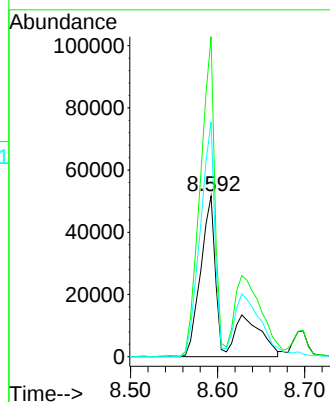
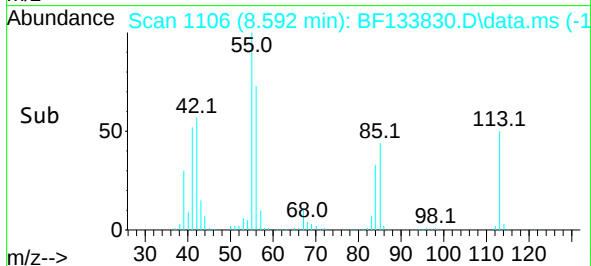
Tgt Ion:113 Resp: 87718
Ion Ratio Lower Upper
113 100
55 199.2 173.3 213.3
56 146.2 120.5 160.5

Manual Integrations

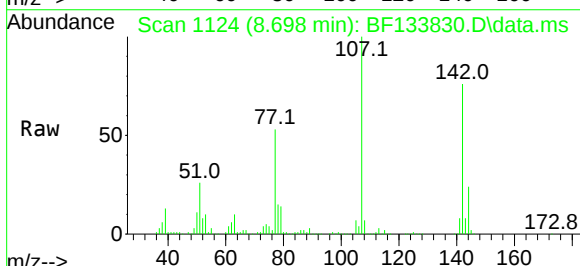
APPROVED

Reviewed By :Yogesh Patel 06/20/2023

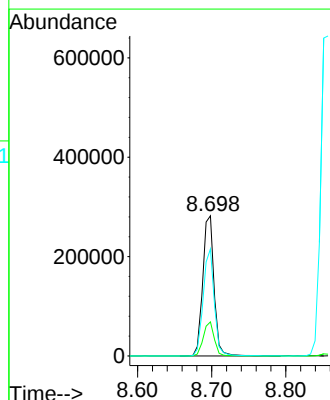
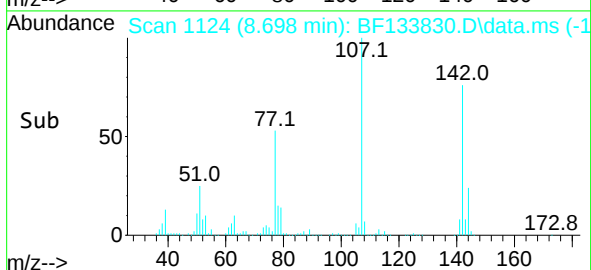
Supervised By :mohammad ahmed 06/20/2023

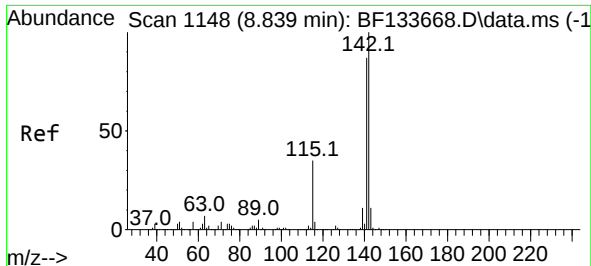


#36
4-Chloro-3-methylphenol
Concen: 42.349 ng
RT: 8.698 min Scan# 1124
Delta R.T. 0.006 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02



Tgt Ion:107 Resp: 300468
Ion Ratio Lower Upper
107 100
144 24.4 19.7 29.5
142 76.4 61.1 91.7





#37

2-Methylnaphthalene

Concen: 39.716 ng

RT: 8.857 min Scan# 1148

Delta R.T. 0.000 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

Instrument :

BNA_F

ClientSampleId :

PB153176BS

Tgt Ion:142 Resp: 59044

Ion Ratio Lower Upper

142 100

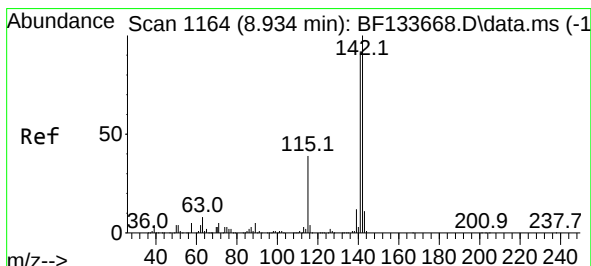
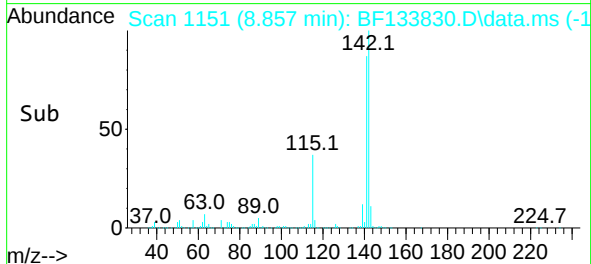
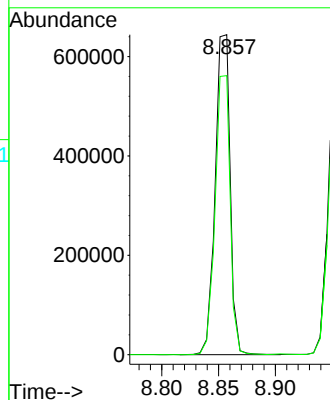
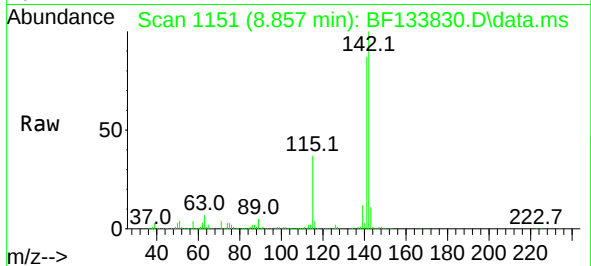
141 87.2 69.8 104.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#38

1-Methylnaphthalene

Concen: 40.366 ng

RT: 8.951 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF133830.D

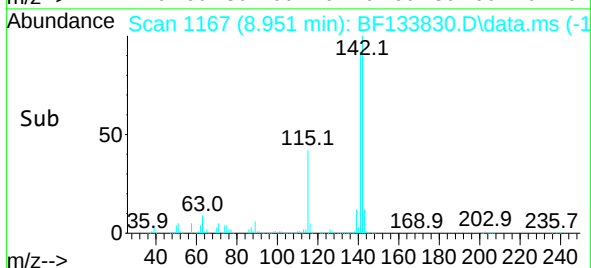
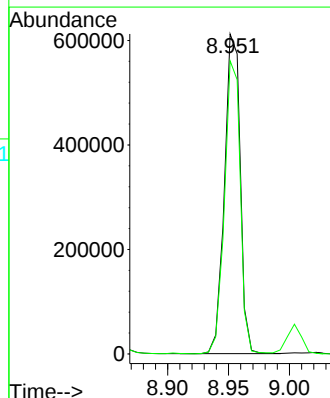
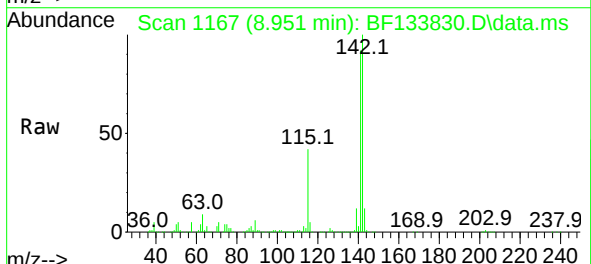
Acq: 19 Jun 2023 13:02

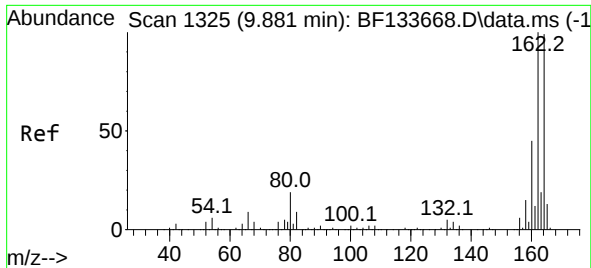
Tgt Ion:142 Resp: 552220

Ion Ratio Lower Upper

142 100

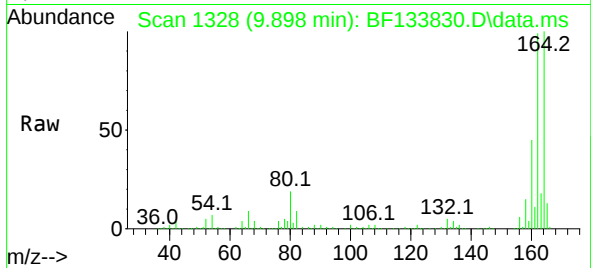
141 91.6 73.4 110.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02

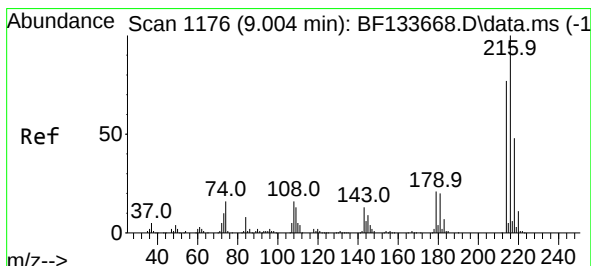
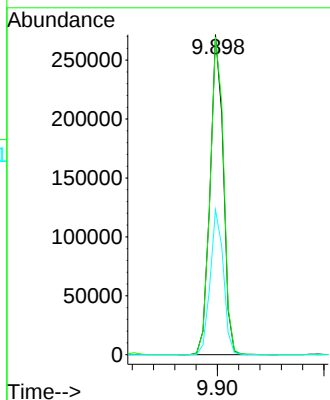
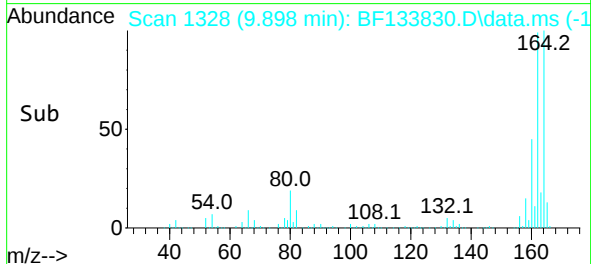
Instrument :
BNA_F
ClientSampleId :
PB153176BS



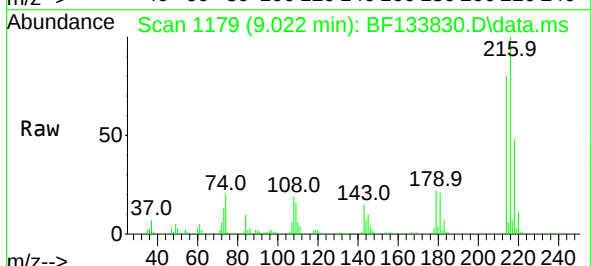
Tgt Ion:164 Resp: 233800
Ion Ratio Lower Upper
164 100
162 99.2 80.8 121.2
160 45.3 36.7 55.1

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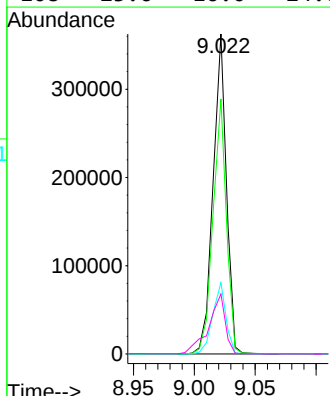
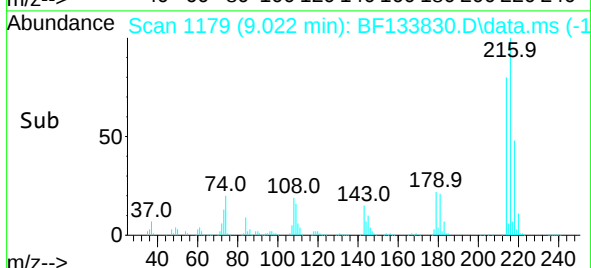
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

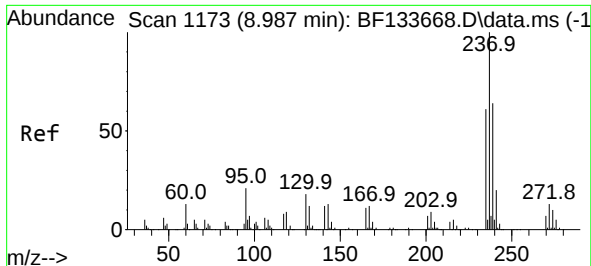


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.795 ng
RT: 9.022 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02



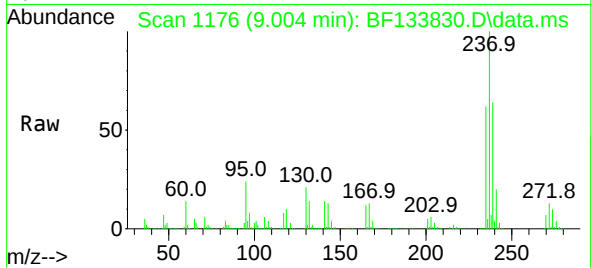
Tgt Ion:216 Resp: 275741
Ion Ratio Lower Upper
216 100
214 80.3 62.7 94.1
179 22.2 17.6 26.4
108 23.6 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 113.875 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02

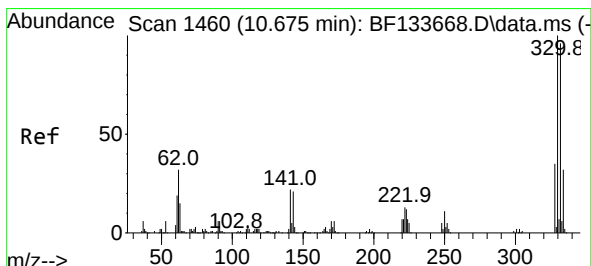
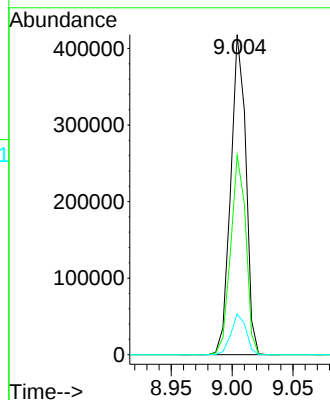
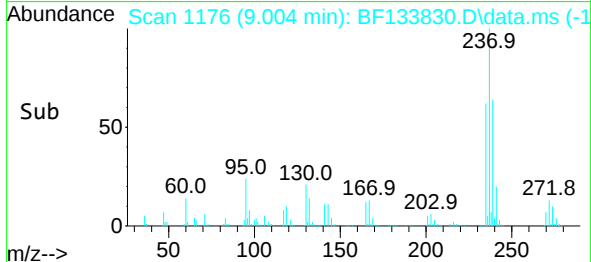
Instrument :
BNA_F
ClientSampleId :
PB153176BS



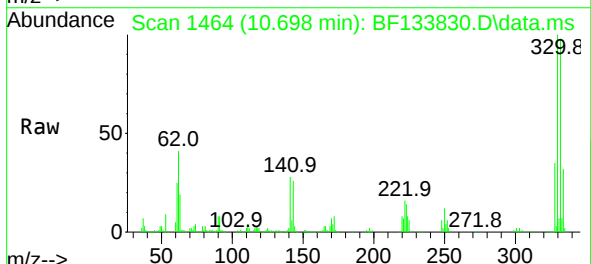
Tgt Ion:237 Resp: 36069
Ion Ratio Lower Upper
237 100
235 62.3 40.6 80.6
272 12.8 0.0 32.6

Manual Integrations
APPROVED

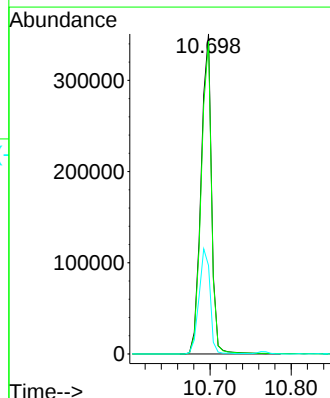
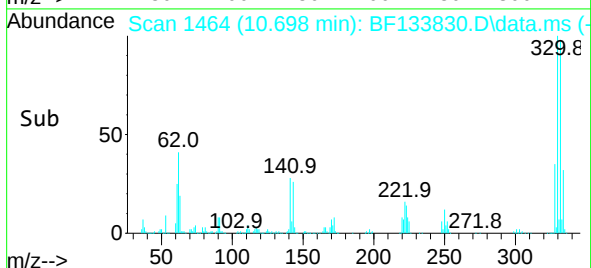
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

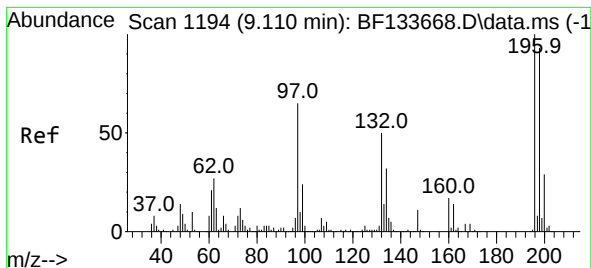


#42
2,4,6-Tribromophenol
Concen: 106.514 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02



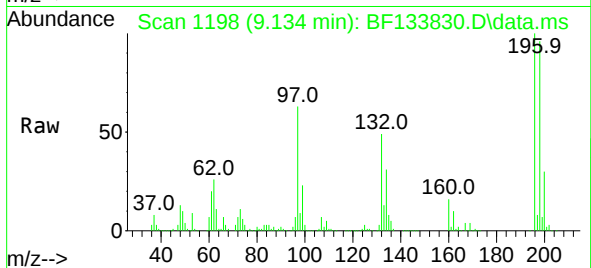
Tgt Ion:330 Resp: 315228
Ion Ratio Lower Upper
330 100
332 96.4 77.2 115.8
141 34.8 24.9 37.3





#43
2,4,6-Trichlorophenol
Concen: 40.584 ng
RT: 9.134 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02

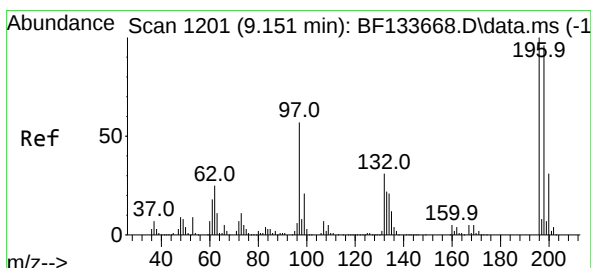
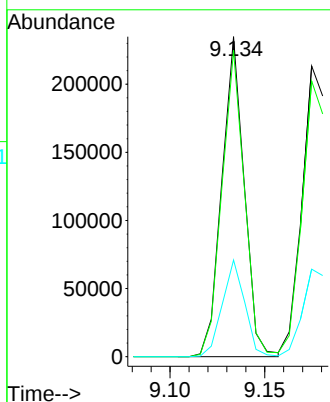
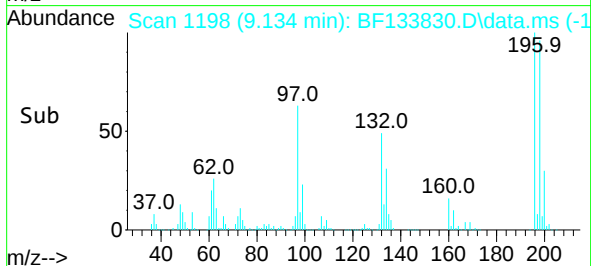
Instrument :
BNA_F
ClientSampleId :
PB153176BS



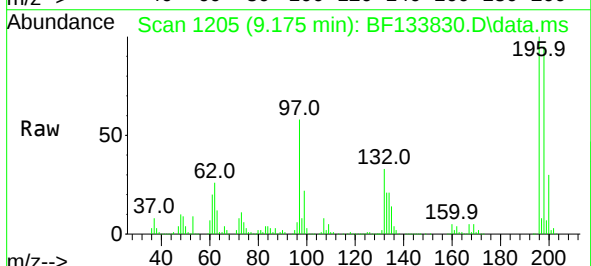
Tgt Ion:196 Resp: 19276
Ion Ratio Lower Upper
196 100
198 95.8 74.5 111.7
200 30.2 22.9 34.3

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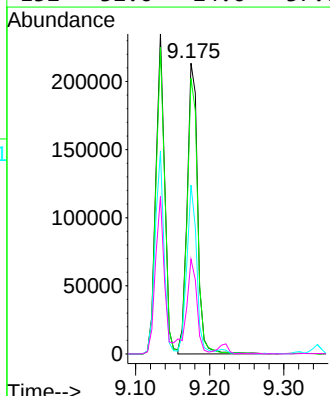
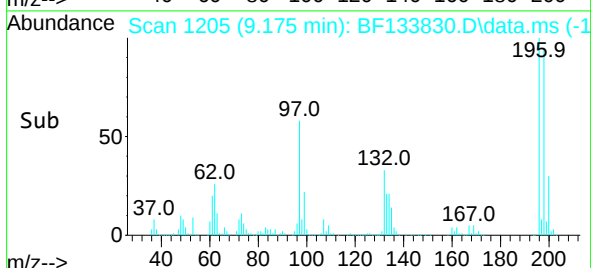
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

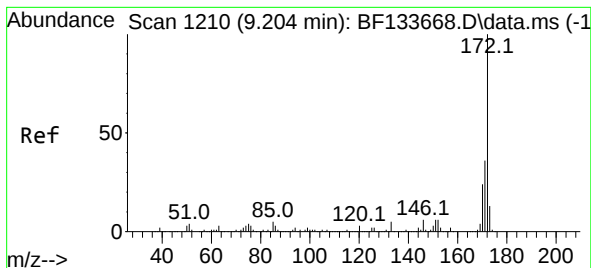


#44
2,4,5-Trichlorophenol
Concen: 38.039 ng
RT: 9.175 min Scan# 1205
Delta R.T. 0.000 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02



Tgt Ion:196 Resp: 210194
Ion Ratio Lower Upper
196 100
198 94.8 76.8 115.2
97 58.1 45.4 68.2
132 32.6 24.6 37.0





#45

2-Fluorobiphenyl

Concen: 73.371 ng

RT: 9.222 min Scan# 1210

Delta R.T. 0.000 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

Instrument :

BNA_F

ClientSampleId :

PB153176BS

Tgt Ion:172 Resp: 1206749

Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

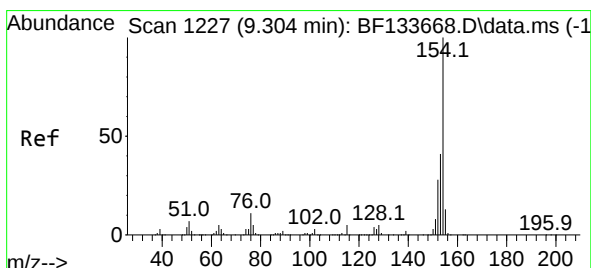
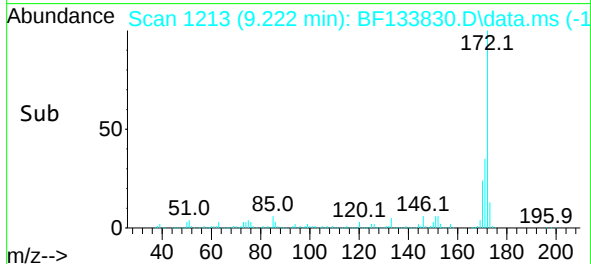
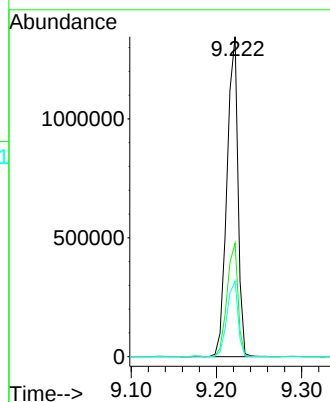
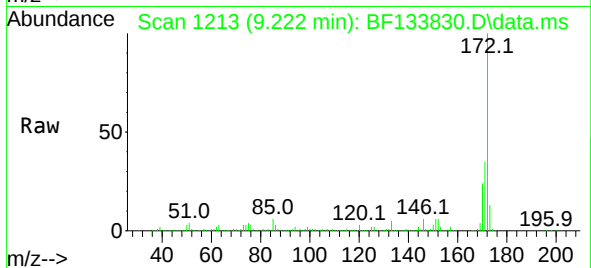
170 23.6 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#46

1,1'-Biphenyl

Concen: 40.043 ng

RT: 9.322 min Scan# 1230

Delta R.T. 0.000 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

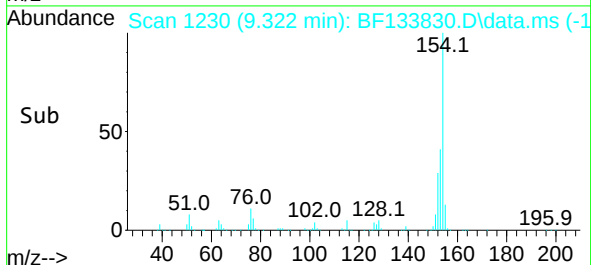
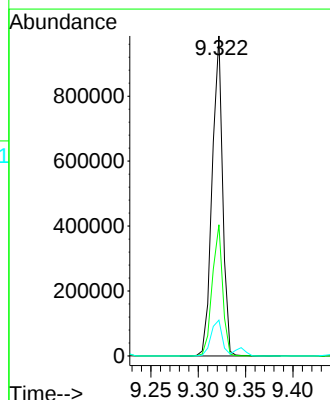
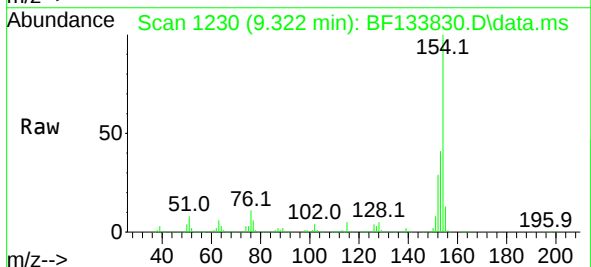
Tgt Ion:154 Resp: 755055

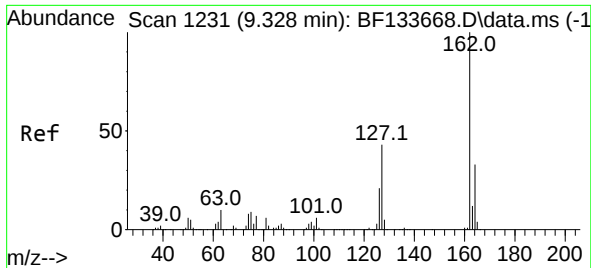
Ion Ratio Lower Upper

154 100

153 41.0 20.6 60.6

76 11.2 0.0 31.0





#47
2-Chloronaphthalene
Concen: 40.783 ng
RT: 9.345 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02

Instrument :

BNA_F

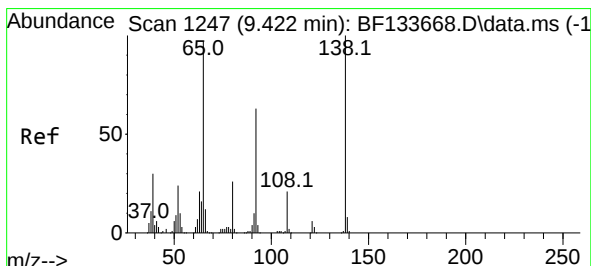
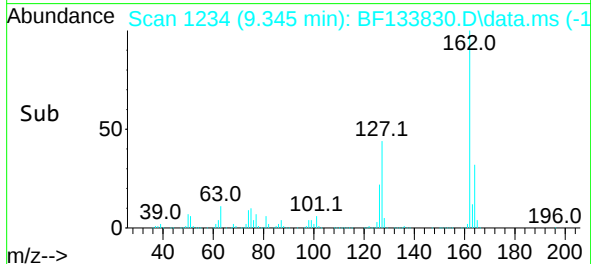
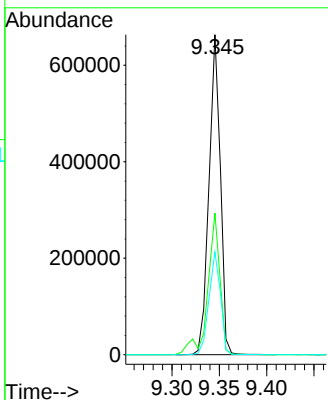
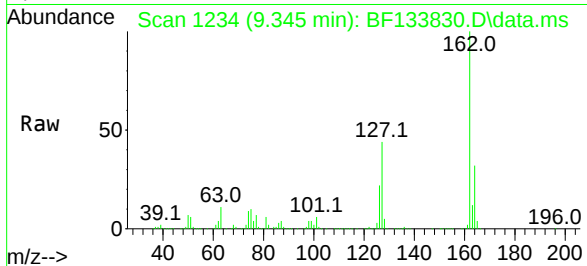
ClientSampleId :

PB153176BS

Tgt Ion:162 Resp: 551633
Ion Ratio Lower Upper
162 100
127 44.2 34.6 52.0
164 32.1 26.4 39.6

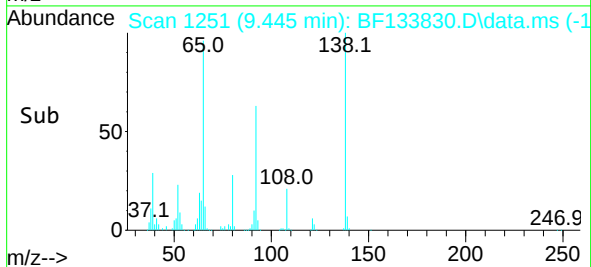
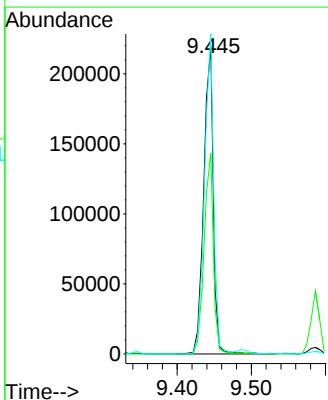
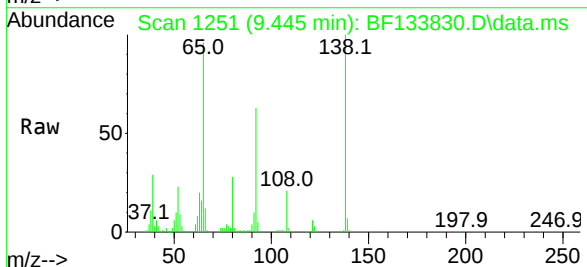
Manual Integrations
APPROVED

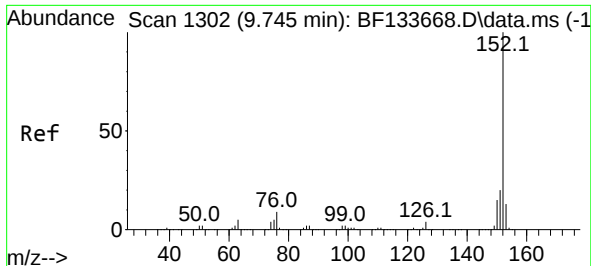
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#48
2-Nitroaniline
Concen: 39.914 ng
RT: 9.445 min Scan# 1251
Delta R.T. 0.000 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02

Tgt Ion: 65 Resp: 197447
Ion Ratio Lower Upper
65 100
92 65.3 51.8 77.6
138 104.1 82.1 123.1





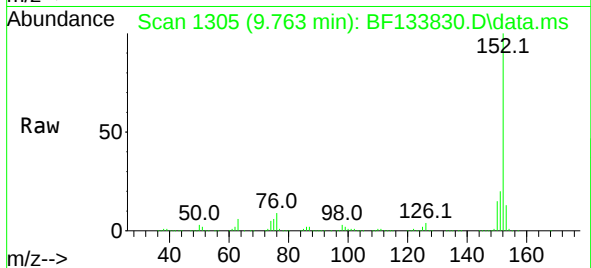
#49
Acenaphthylene
Concen: 39.226 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02

Instrument :

BNA_F

ClientSampleId :

PB153176BS



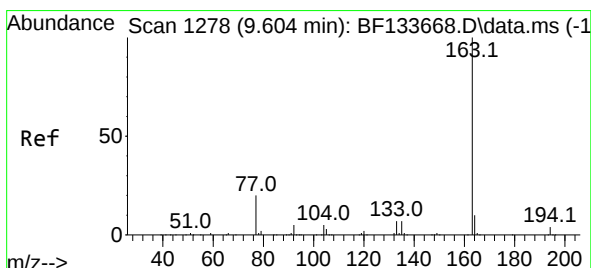
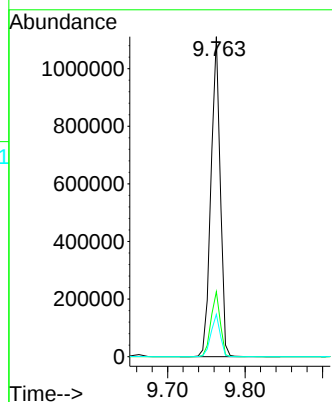
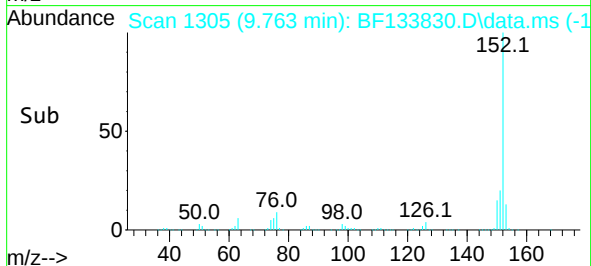
Tgt Ion:152 Resp: 92345
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.3 10.4 15.6

Manual Integrations

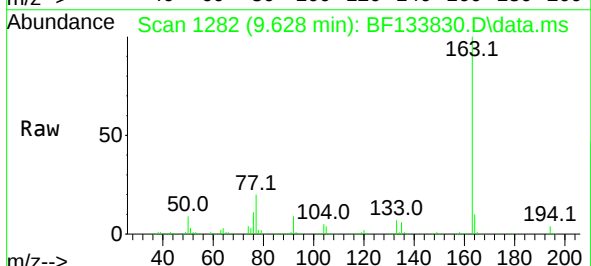
APPROVED

Reviewed By :Yogesh Patel 06/20/2023

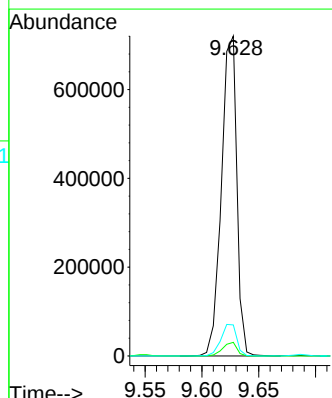
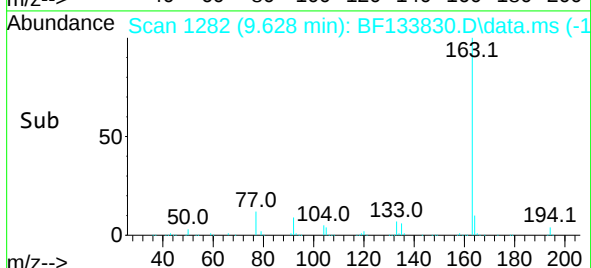
Supervised By :mohammad ahmed 06/20/2023

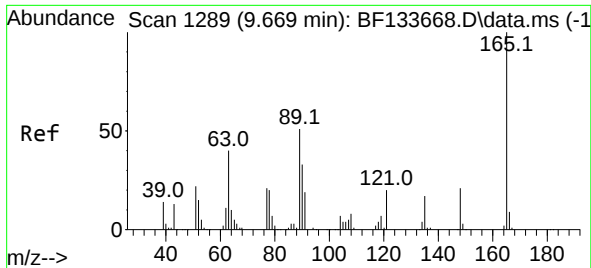


#50
Dimethylphthalate
Concen: 39.102 ng
RT: 9.628 min Scan# 1282
Delta R.T. 0.006 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02



Tgt Ion:163 Resp: 682374
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 9.7 8.0 12.0





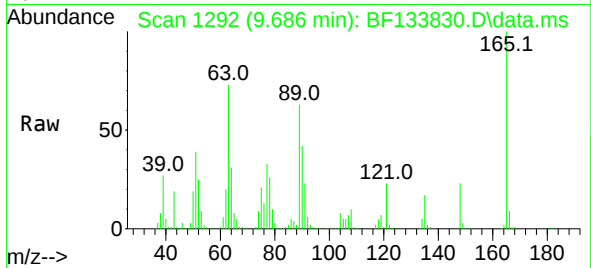
#51
2,6-Dinitrotoluene
Concen: 41.754 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02

Instrument :

BNA_F

ClientSampleId :

PB153176BS

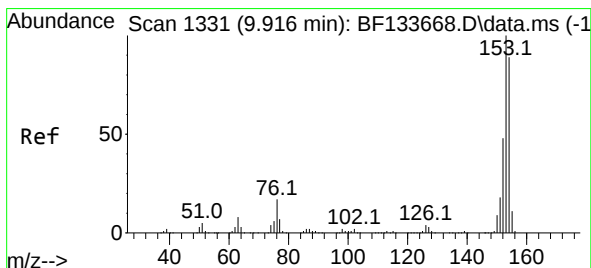
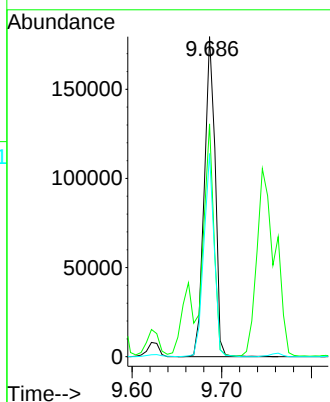
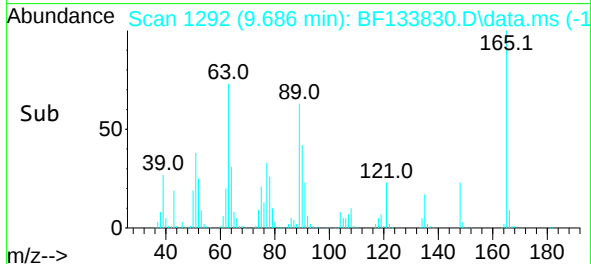


Tgt Ion:165 Resp: 150402
Ion Ratio Lower Upper
165 100
63 72.7 42.1 63.1
89 63.4 40.9 61.3

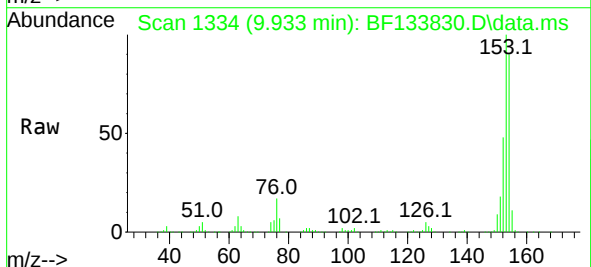
Manual Integrations

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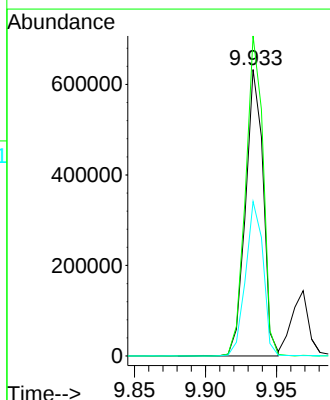
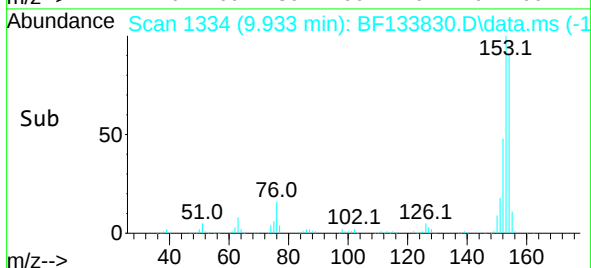
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

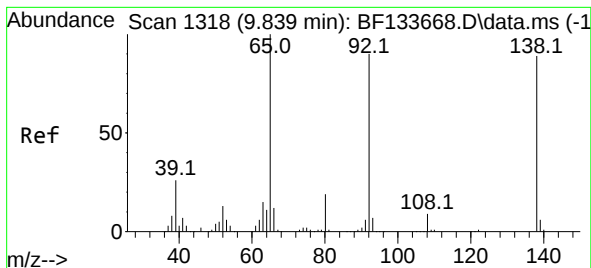


#52
Acenaphthene
Concen: 39.587 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02



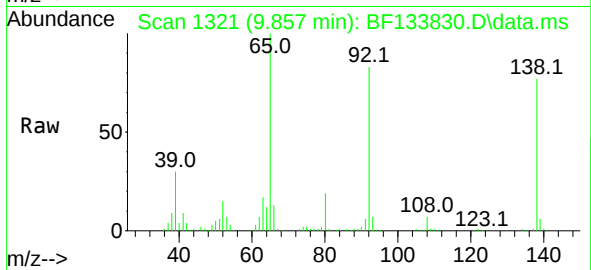
Tgt Ion:154 Resp: 545509
Ion Ratio Lower Upper
154 100
153 111.7 89.8 134.8
152 53.9 43.4 65.2





#53
3-Nitroaniline
Concen: 21.154 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02

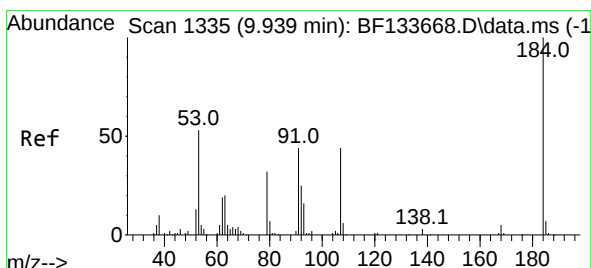
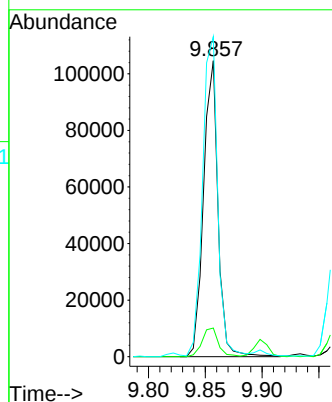
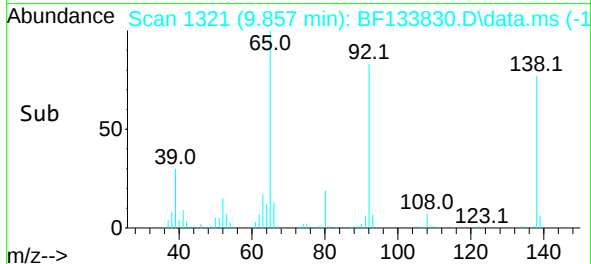
Instrument :
BNA_F
ClientSampleId :
PB153176BS



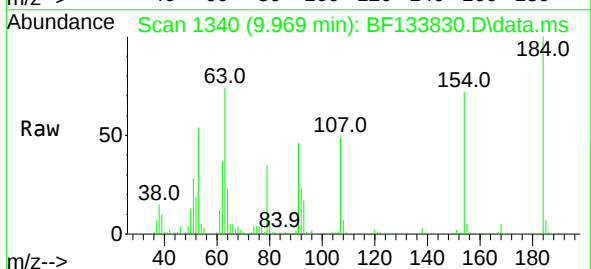
Tgt Ion:138 Resp: 9272
Ion Ratio Lower Upper
138 100
108 9.7 8.2 12.4
92 108.1 81.0 121.6

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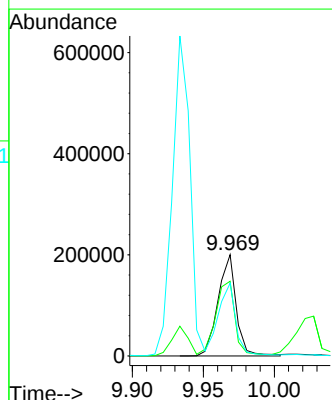
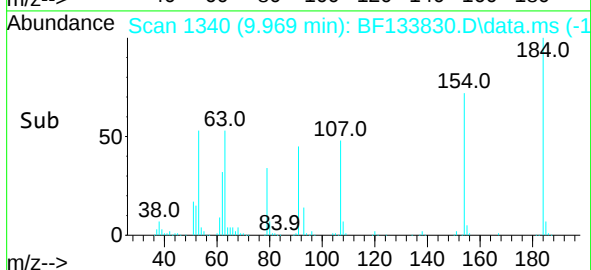
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

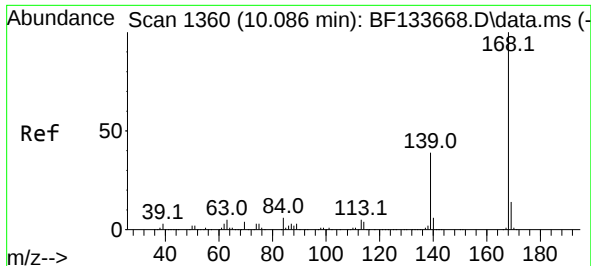


#54
2,4-Dinitrophenol
Concen: 99.806 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02



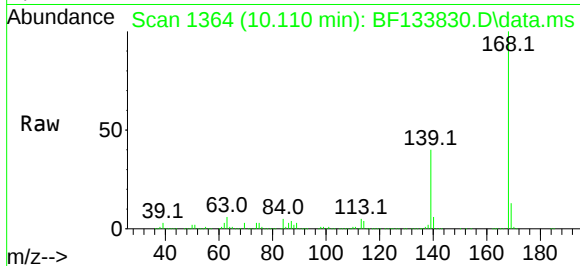
Tgt Ion:184 Resp: 178363
Ion Ratio Lower Upper
184 100
63 73.8 55.3 82.9
154 72.0 51.9 77.9





#55
Dibenzenofuran
Concen: 39.625 ng
RT: 10.110 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02

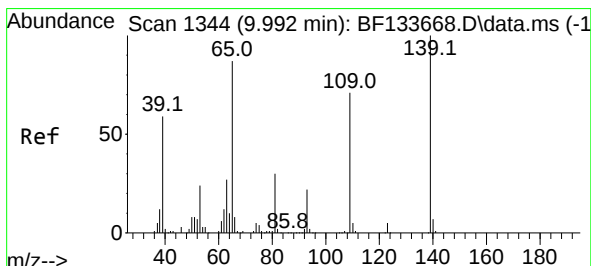
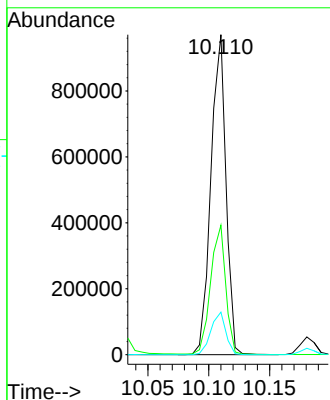
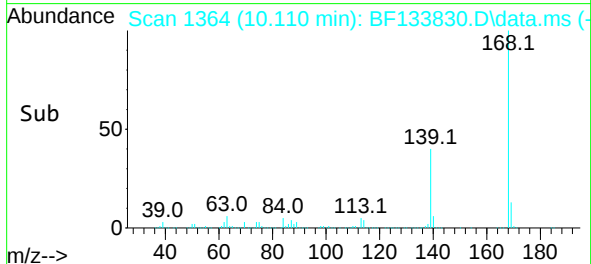
Instrument :
BNA_F
ClientSampleId :
PB153176BS



Tgt Ion:168 Resp: 833190
Ion Ratio Lower Upper
168 100
139 40.4 30.9 46.3
169 13.3 10.9 16.3

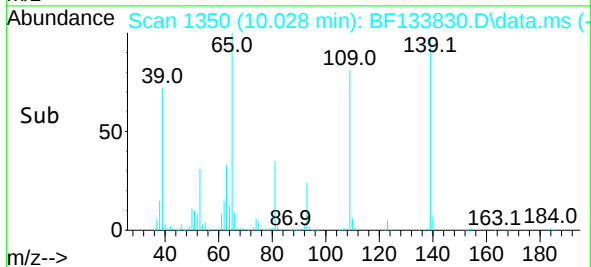
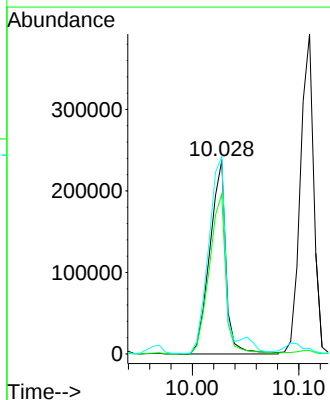
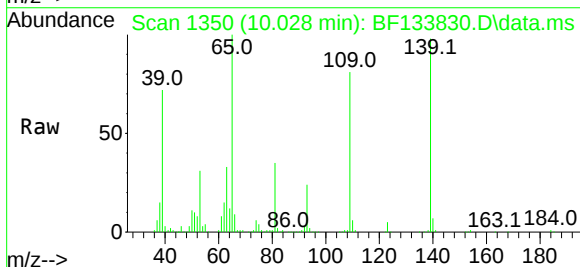
Manual Integrations
APPROVED

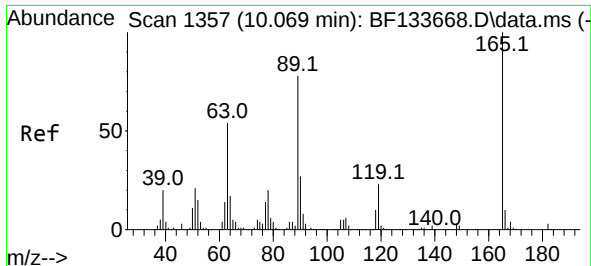
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#56
4-Nitrophenol
Concen: 84.092 ng
RT: 10.028 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02

Tgt Ion:139 Resp: 248778
Ion Ratio Lower Upper
139 100
109 82.7 50.7 90.7
65 102.1 67.1 107.1





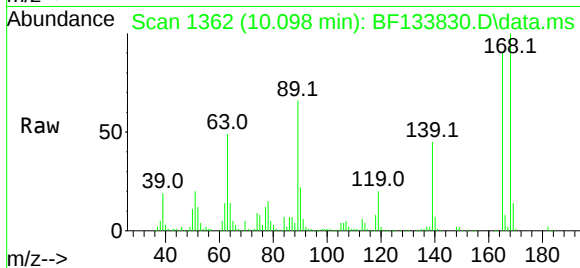
#57
2,4-Dinitrotoluene
Concen: 43.578 ng
RT: 10.098 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02

Instrument :

BNA_F

ClientSampleId :

PB153176BS

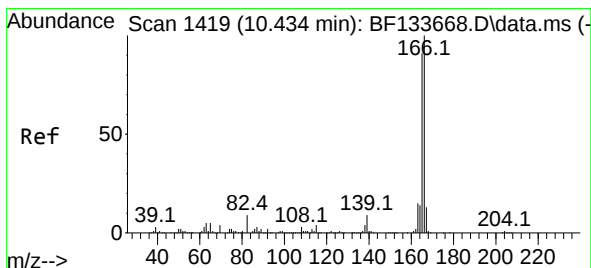
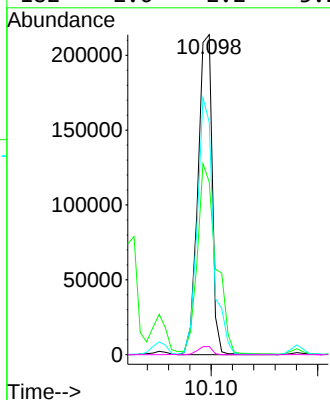
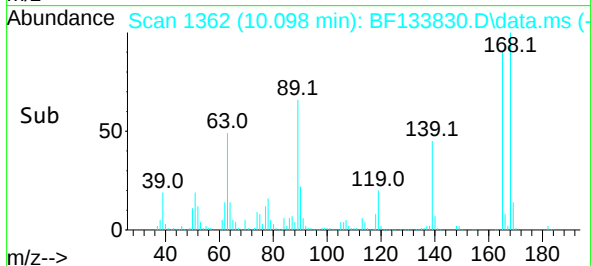


Tgt Ion:165 Resp: 199639
Ion Ratio Lower Upper
165 100
63 54.0 43.0 64.6
89 72.7 62.6 93.8
182 2.6 2.2 3.2

Manual Integrations

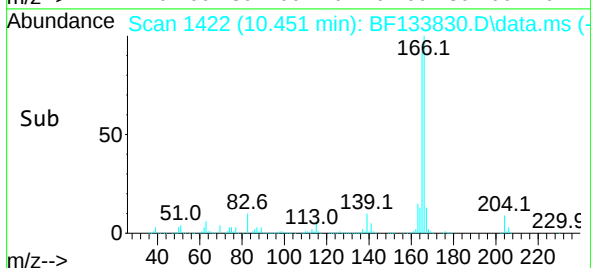
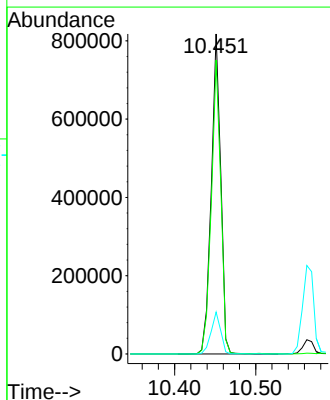
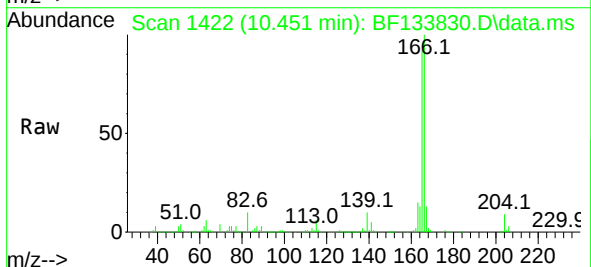
APPROVED

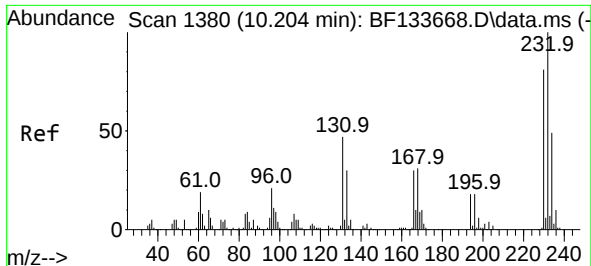
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#58
Fluorene
Concen: 40.922 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02

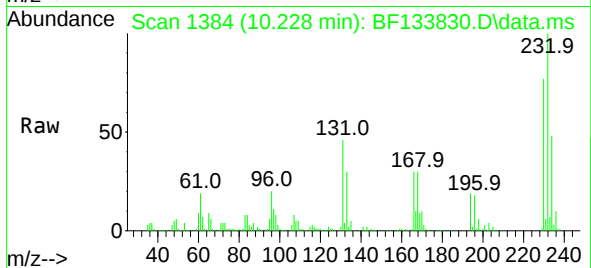
Tgt Ion:166 Resp: 658011
Ion Ratio Lower Upper
166 100
165 91.9 73.1 109.7
167 13.1 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.812 ng
RT: 10.228 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02

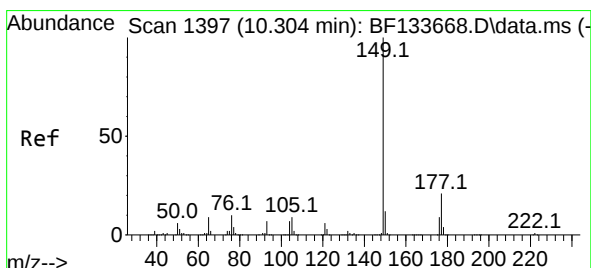
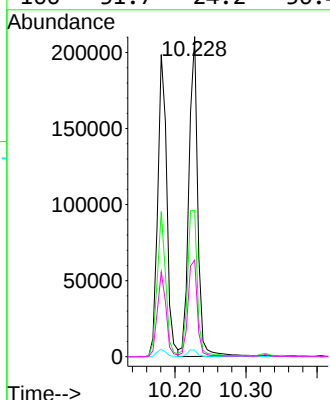
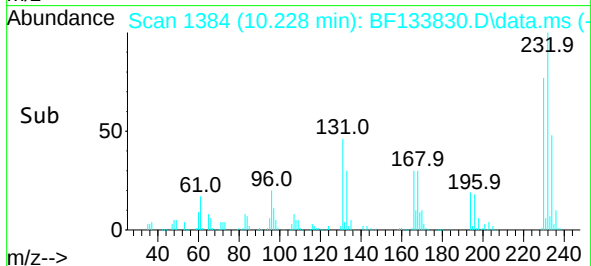
Instrument :
BNA_F
ClientSampleId :
PB153176BS



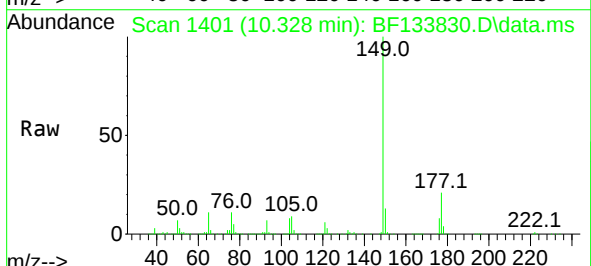
Tgt Ion:232 Resp: 18125
Ion Ratio Lower Upper
232 100
131 49.9 38.0 57.0
130 2.4 1.8 2.8
166 31.7 24.2 36.4

Manual Integrations
APPROVED

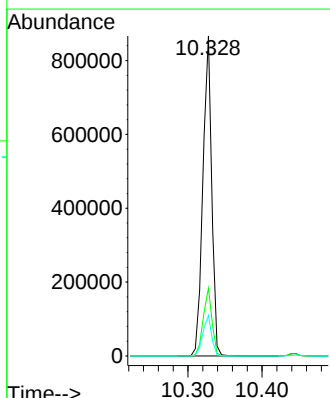
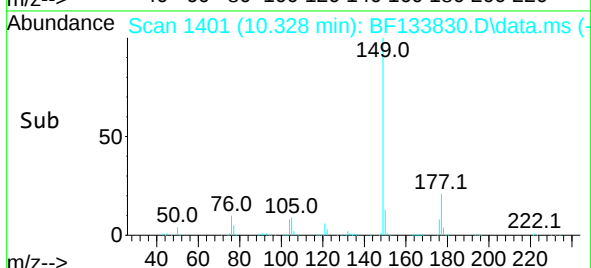
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

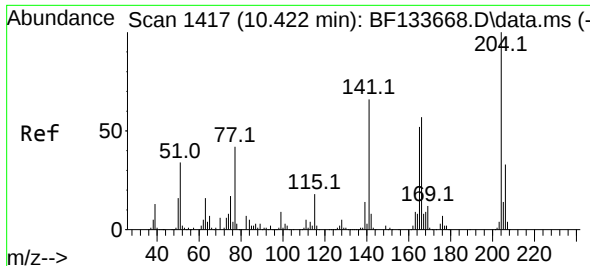


#60
Diethylphthalate
Concen: 40.426 ng
RT: 10.328 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02



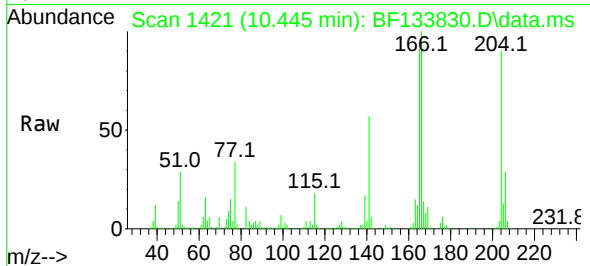
Tgt Ion:149 Resp: 718012
Ion Ratio Lower Upper
149 100
177 21.2 17.0 25.6
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 39.375 ng
RT: 10.445 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02

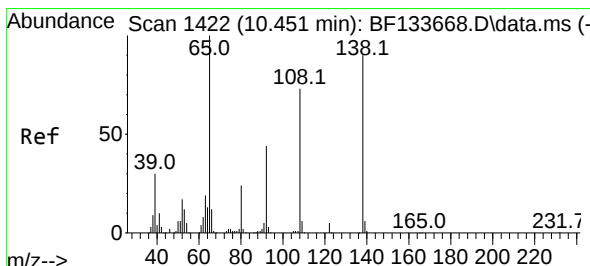
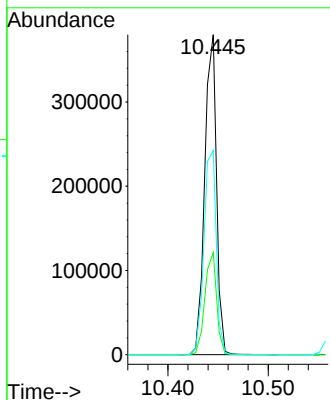
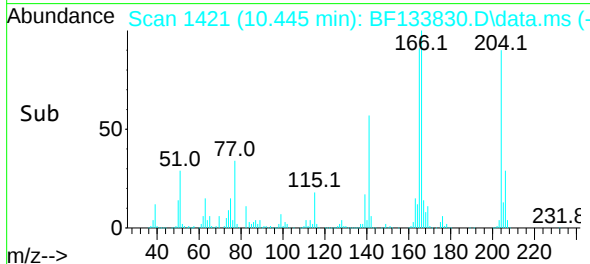
Instrument :
BNA_F
ClientSampleId :
PB153176BS



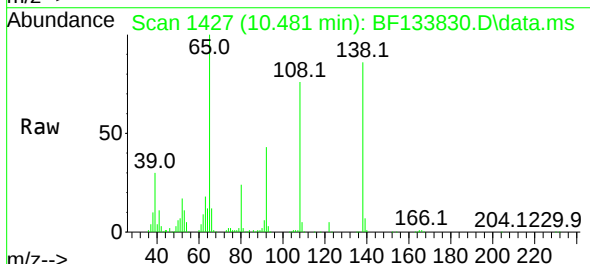
Tgt Ion:204 Resp: 31256
Ion Ratio Lower Upper
204 100
206 31.9 26.4 39.6
141 63.8 52.8 79.2

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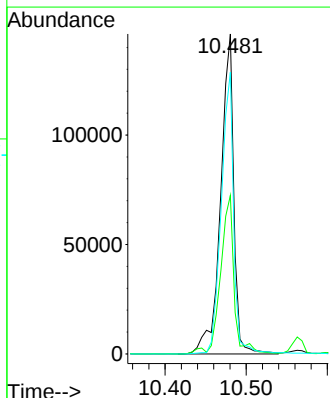
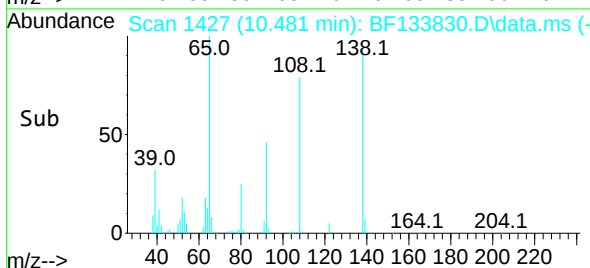
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

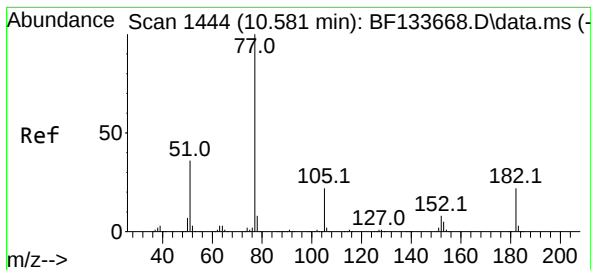


#62
4-Nitroaniline
Concen: 38.586 ng
RT: 10.481 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02



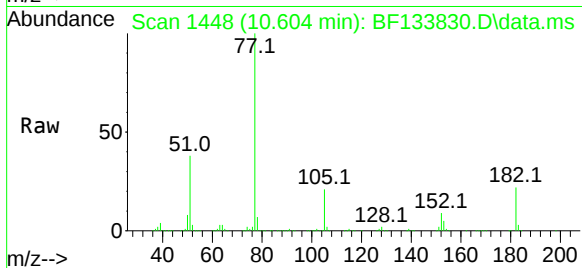
Tgt Ion:138 Resp: 165839
Ion Ratio Lower Upper
138 100
92 49.5 28.9 68.9
108 88.0 61.0 101.0





#63
Azobenzene
Concen: 40.386 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02

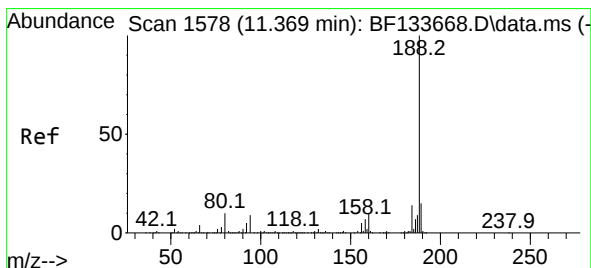
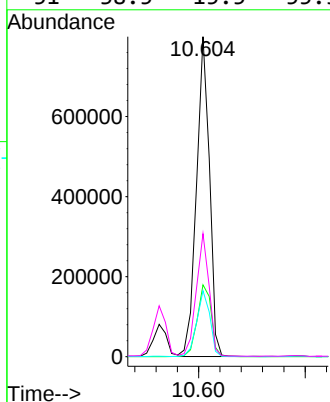
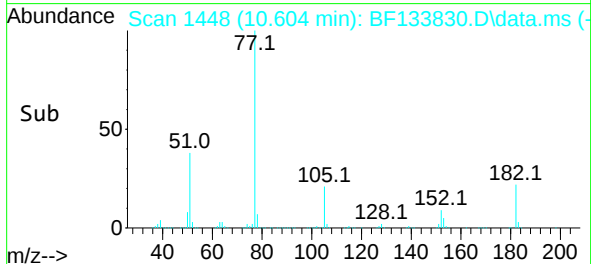
Instrument :
BNA_F
ClientSampleId :
PB153176BS



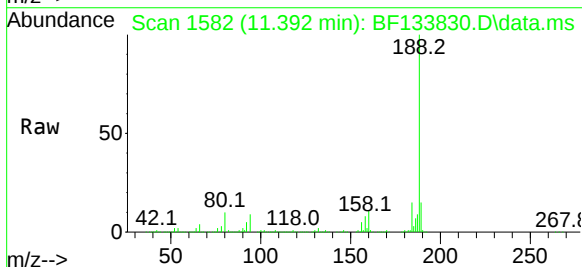
Tgt Ion: 77 Resp: 679048
Ion Ratio Lower Upper
77 100
182 22.5 1.6 41.6
105 20.6 1.6 41.6
51 38.5 15.5 55.5

Manual Integrations
APPROVED

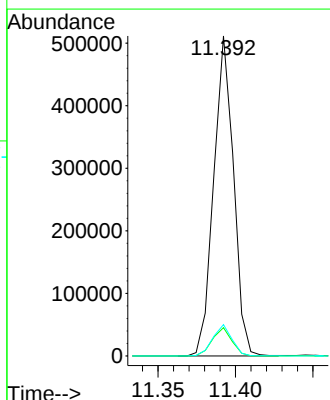
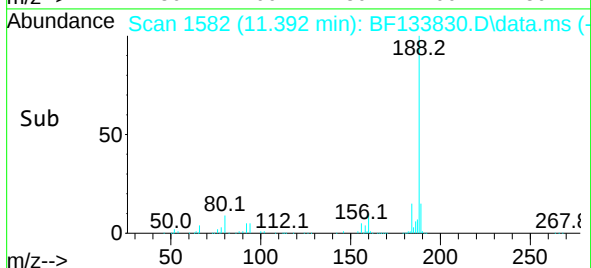
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

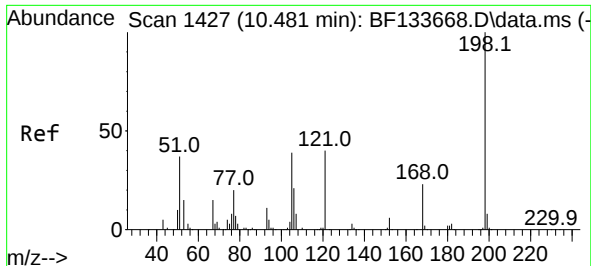


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02



Tgt Ion:188 Resp: 455067
Ion Ratio Lower Upper
188 100
94 8.9 6.8 10.2
80 9.8 7.8 11.6





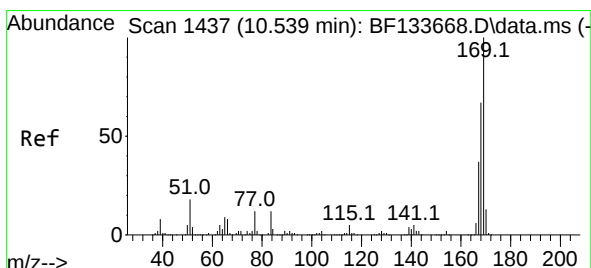
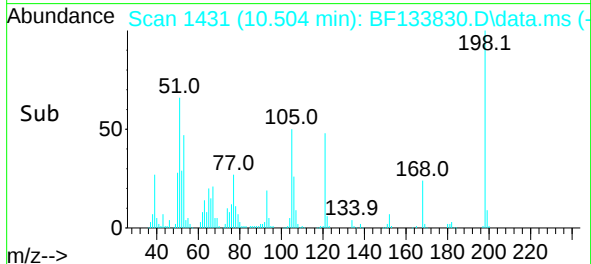
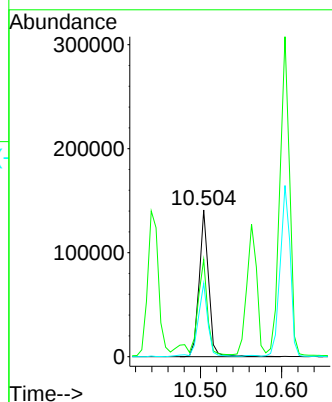
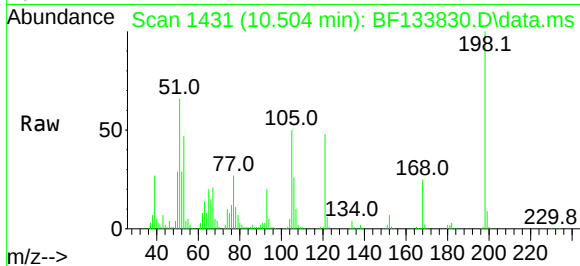
#65
4,6-Dinitro-2-methylphenol
Concen: 53.036 ng
RT: 10.504 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02

Instrument :
BNA_F
ClientSampleId :
PB153176BS

Tgt Ion:198 Resp: 115328
Ion Ratio Lower Upper
198 100
51 66.2 27.5 67.5
105 50.1 21.0 61.0

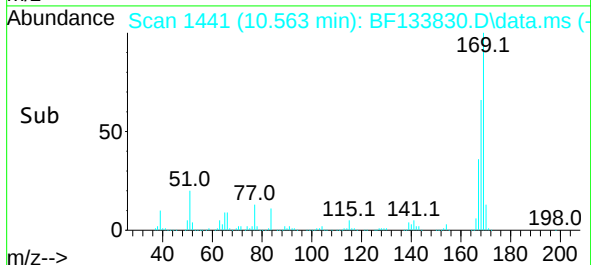
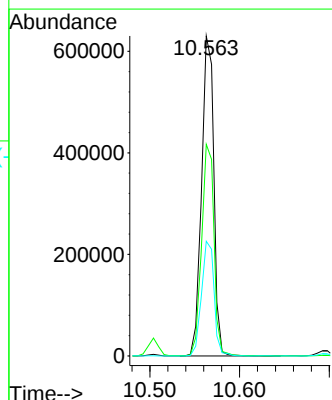
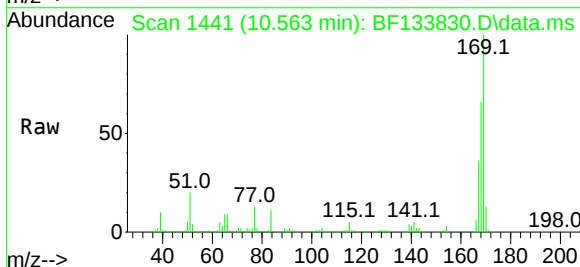
Manual Integrations
APPROVED

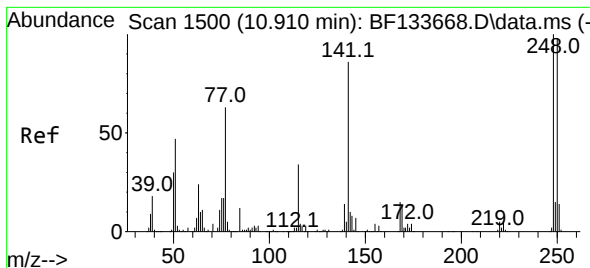
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#66
n-Nitrosodiphenylamine
Concen: 38.954 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02

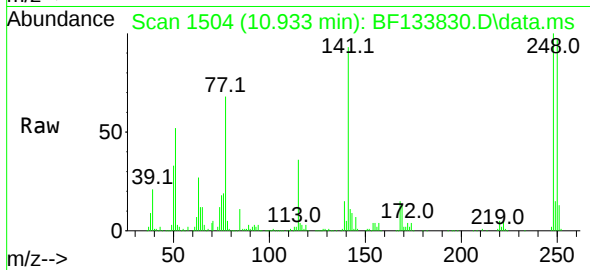
Tgt Ion:169 Resp: 595435
Ion Ratio Lower Upper
169 100
168 66.1 53.7 80.5
167 35.9 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 38.762 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02

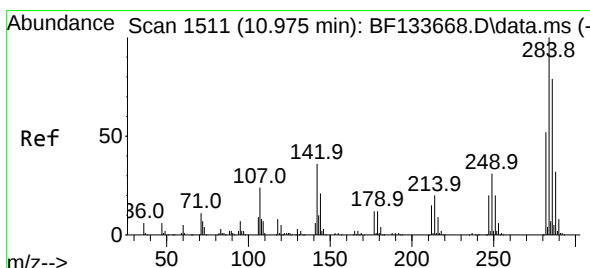
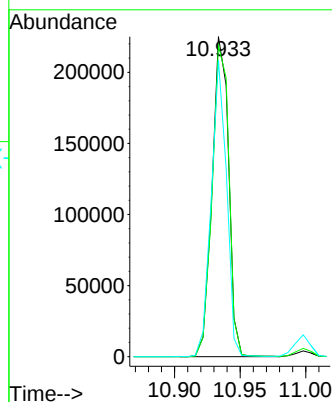
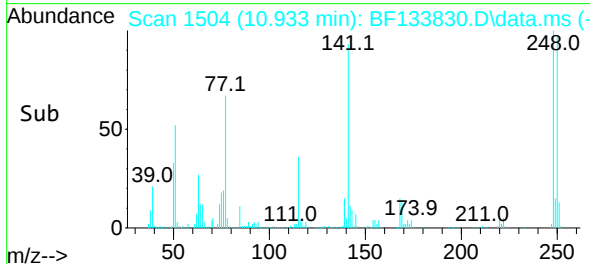
Instrument :
BNA_F
ClientSampleId :
PB153176BS



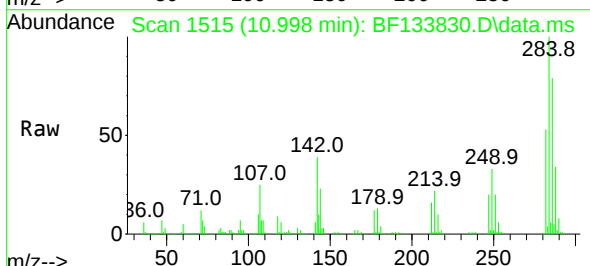
Tgt Ion:248 Resp: 196880
Ion Ratio Lower Upper
248 100
250 97.2 78.3 117.5
141 92.7 69.0 103.6

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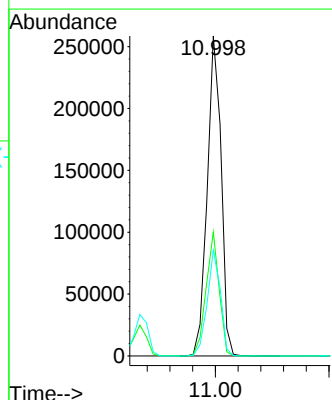
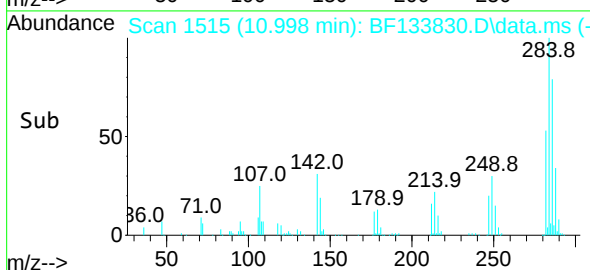
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

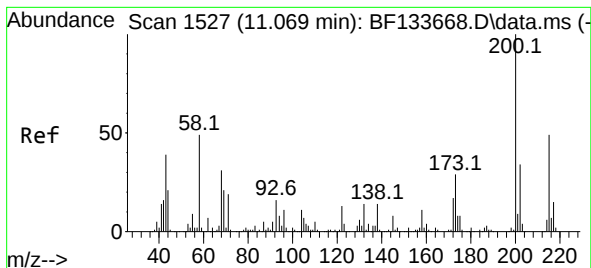


#68
Hexachlorobenzene
Concen: 40.952 ng
RT: 10.998 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02



Tgt Ion:284 Resp: 218731
Ion Ratio Lower Upper
284 100
142 38.8 28.6 42.8
249 33.0 24.6 36.8





#69

Atrazine

Concen: 42.712 ng

RT: 11.098 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

Instrument :

BNA_F

ClientSampleId :

PB153176BS

Tgt Ion:200 Resp: 18943

Ion Ratio Lower Upper

200 100

173 25.9 8.7 48.7

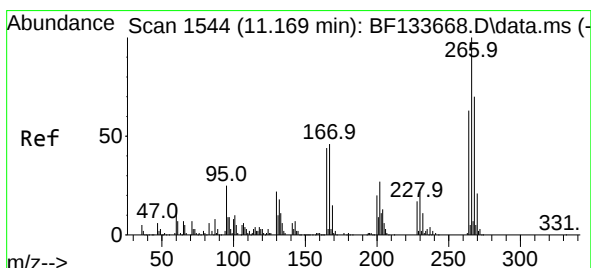
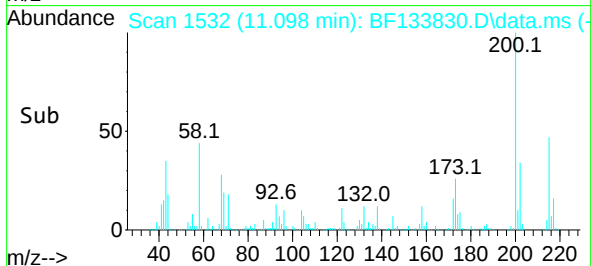
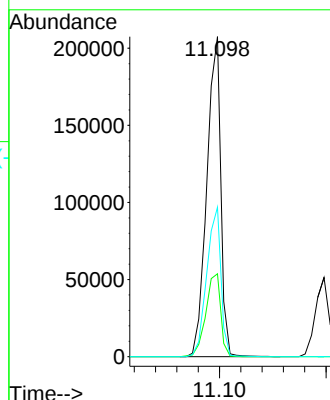
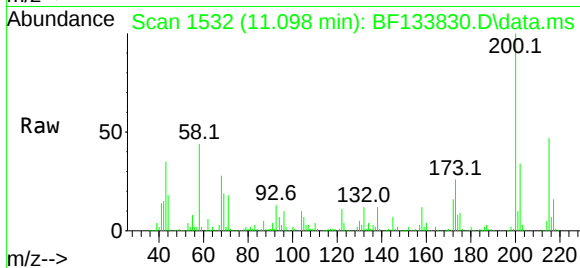
215 46.7 29.0 69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#70

Pentachlorophenol

Concen: 76.189 ng

RT: 11.198 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

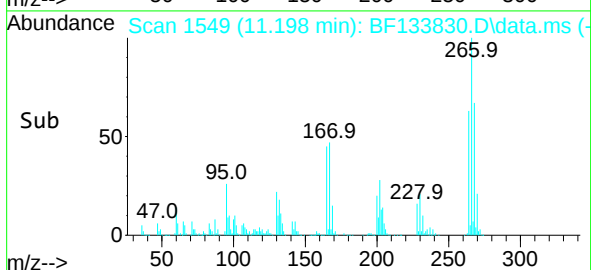
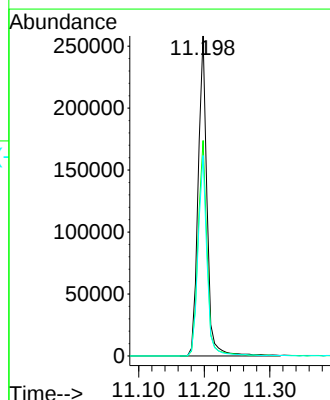
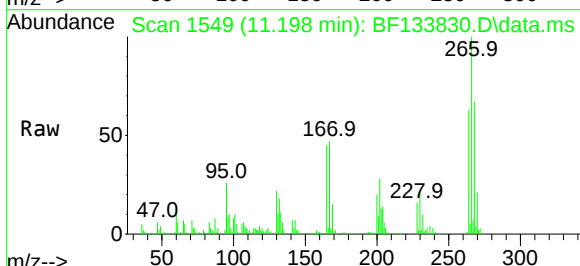
Tgt Ion:266 Resp: 243674

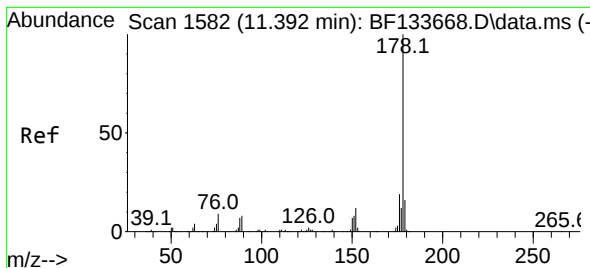
Ion Ratio Lower Upper

266 100

268 67.4 55.7 83.5

264 62.7 50.7 76.1





#71

Phenanthrene

Concen: 40.798 ng

RT: 11.422 min Scan# 1582

Delta R.T. 0.000 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

Instrument :

BNA_F

ClientSampleId :

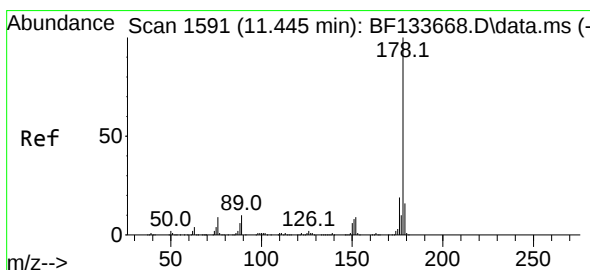
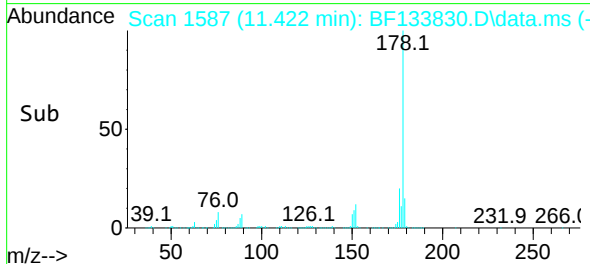
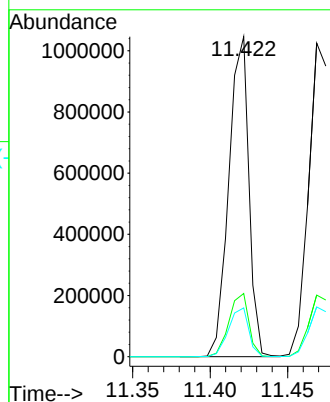
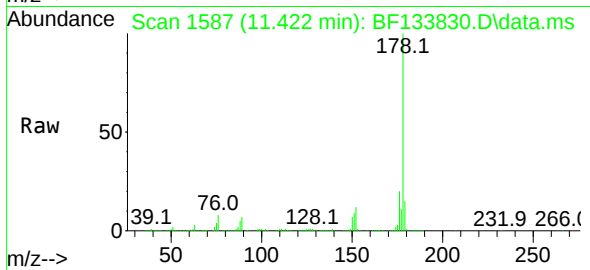
PB153176BS

Tgt Ion:178 Resp: 941942
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.6 23.4
 179 15.3 12.4 18.6

Manual Integrations

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



#72

Anthracene

Concen: 40.272 ng

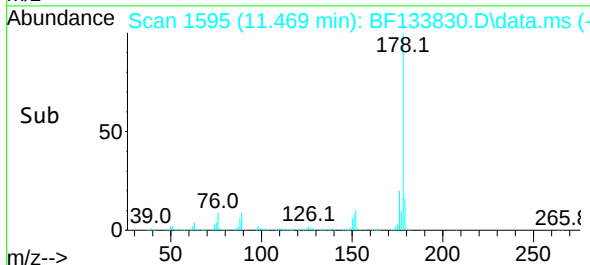
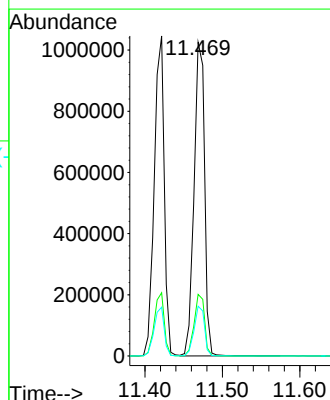
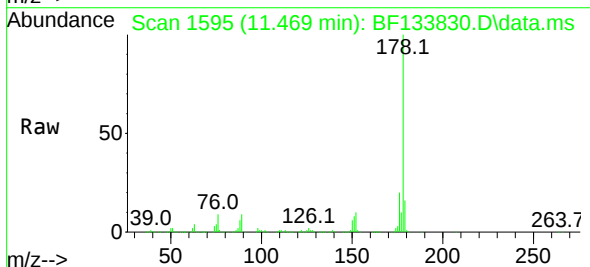
RT: 11.469 min Scan# 1595

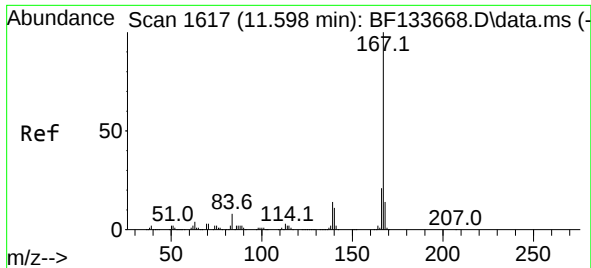
Delta R.T. 0.000 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

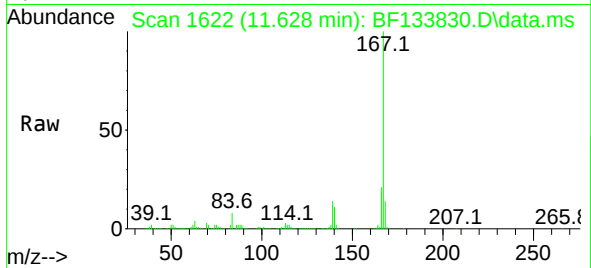
Tgt Ion:178 Resp: 969492
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.1 22.7
 179 15.9 12.6 18.8





#73
Carbazole
Concen: 39.685 ng
RT: 11.628 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02

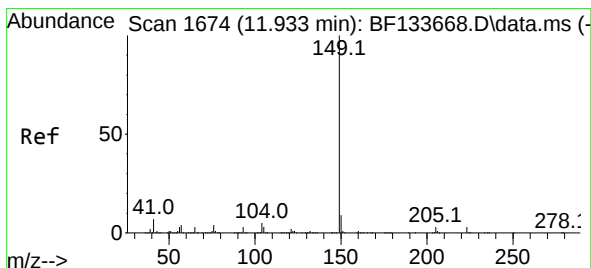
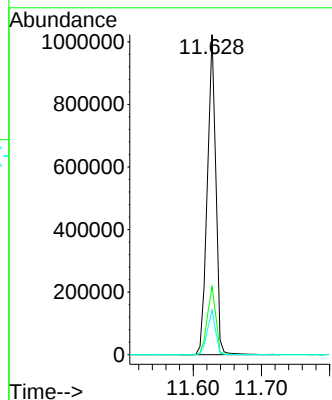
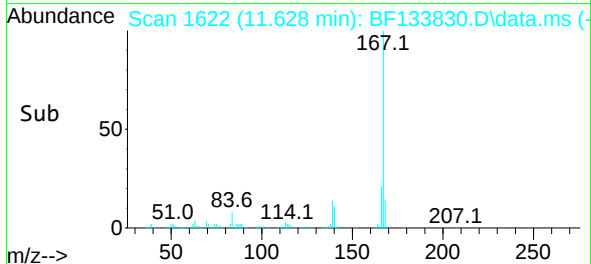
Instrument :
BNA_F
ClientSampleId :
PB153176BS



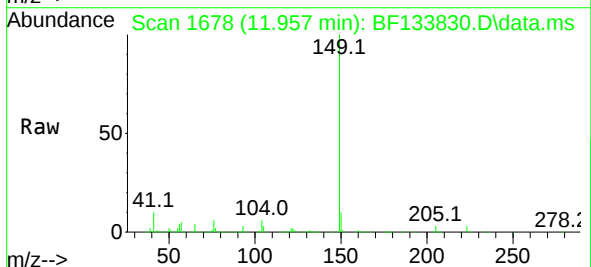
Tgt Ion:167 Resp: 88979
Ion Ratio Lower Upper
167 100
166 21.3 17.0 25.6
139 13.9 11.2 16.8

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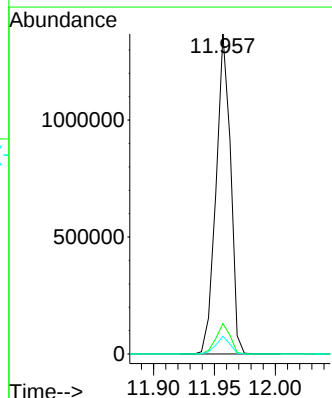
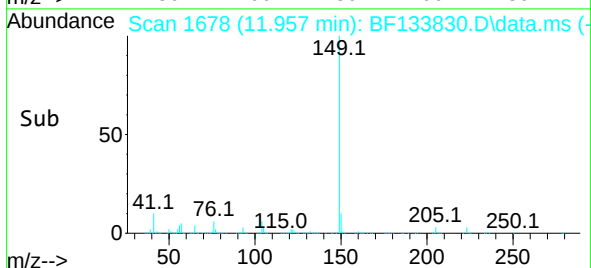
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

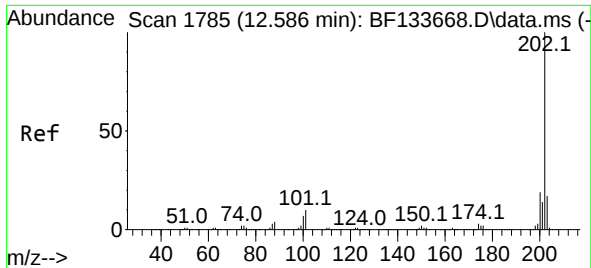


#74
Di-n-butylphthalate
Concen: 39.505 ng
RT: 11.957 min Scan# 1678
Delta R.T. 0.000 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02



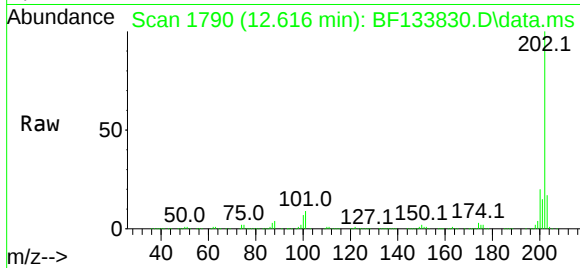
Tgt Ion:149 Resp: 1135524
Ion Ratio Lower Upper
149 100
150 9.5 7.4 11.0
104 5.5 3.8 5.8





#75
Fluoranthene
Concen: 40.403 ng
RT: 12.616 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02

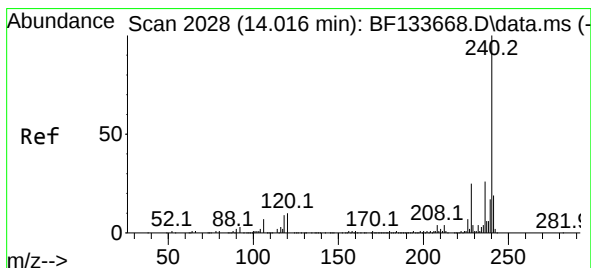
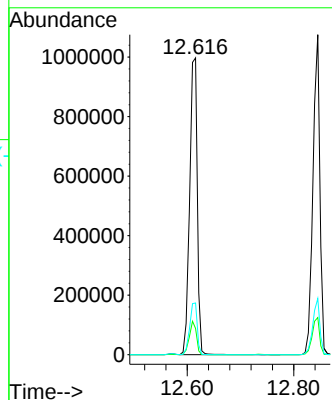
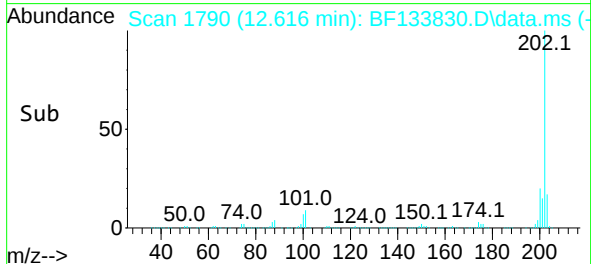
Instrument :
BNA_F
ClientSampleId :
PB153176BS



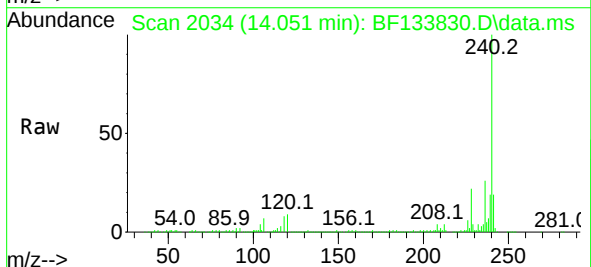
Tgt Ion:202 Resp: 990597
Ion Ratio Lower Upper
202 100
101 8.8 0.0 29.6
203 17.4 0.0 37.4

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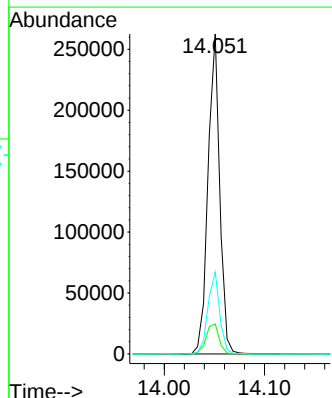
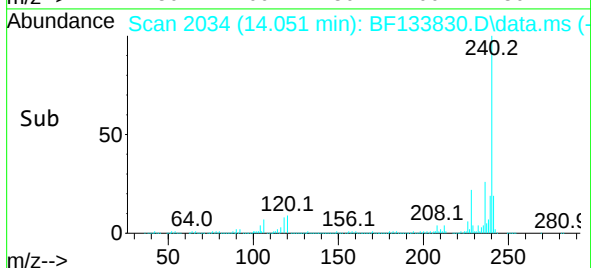
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

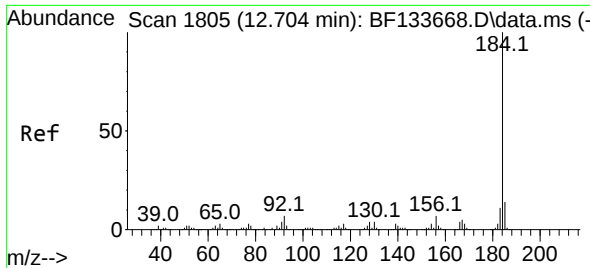


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02



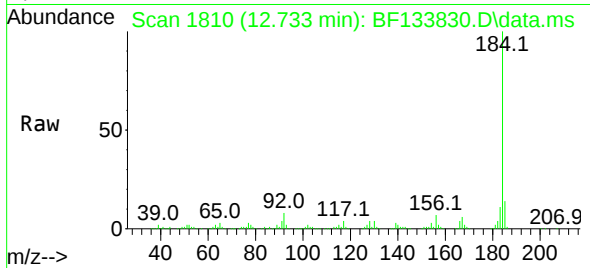
Tgt Ion:240 Resp: 213292
Ion Ratio Lower Upper
240 100
120 9.4 8.1 12.1
236 25.6 20.5 30.7





#77
Benzidine
Concen: 28.693 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02

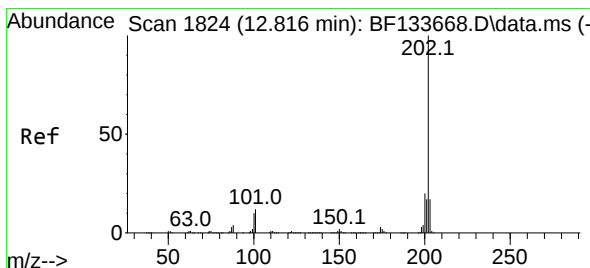
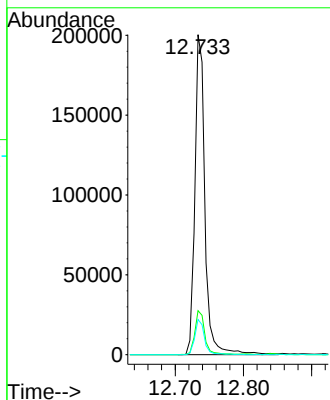
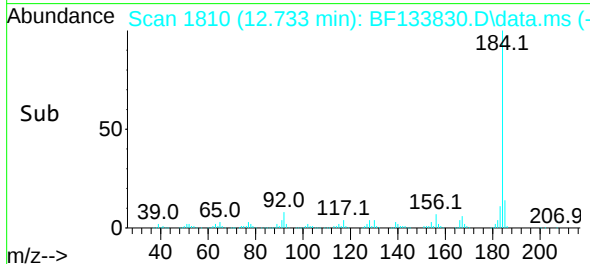
Instrument :
BNA_F
ClientSampleId :
PB153176BS



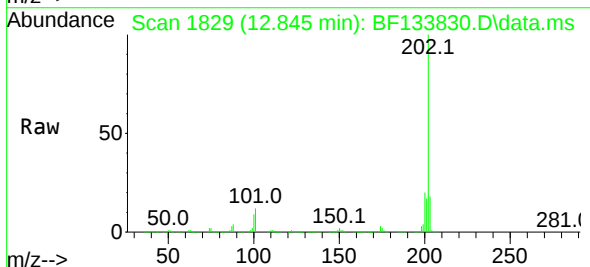
Tgt Ion:184 Resp: 20536
Ion Ratio Lower Upper
184 100
185 13.8 11.6 17.4
183 11.0 8.4 12.6

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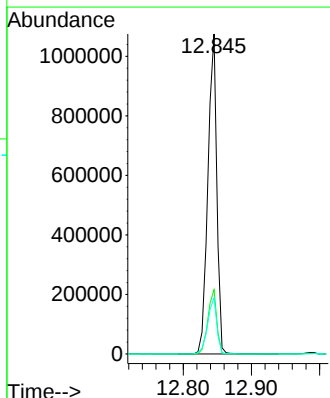
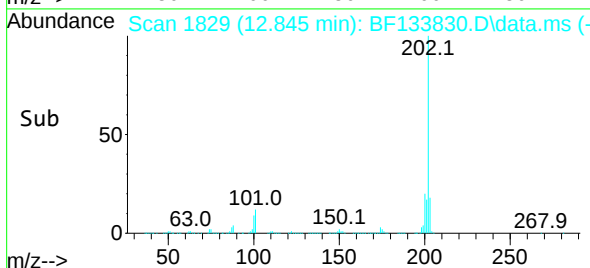
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

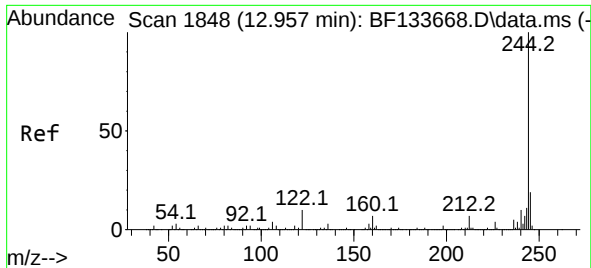


#78
Pyrene
Concen: 49.198 ng
RT: 12.845 min Scan# 1829
Delta R.T. 0.000 min
Lab File: BF133830.D
Acq: 19 Jun 2023 13:02



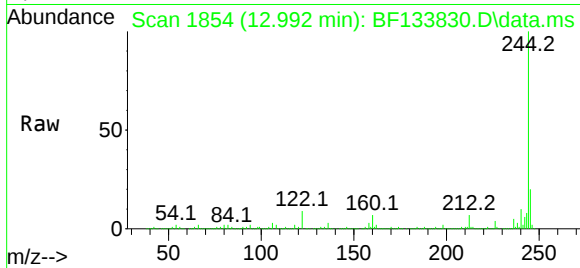
Tgt Ion:202 Resp: 977510
Ion Ratio Lower Upper
202 100
200 20.1 16.2 24.2
203 17.5 13.9 20.9





#79
 Terphenyl-d14
 Concen: 97.083 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. 0.006 min
 Lab File: BF133830.D
 Acq: 19 Jun 2023 13:02

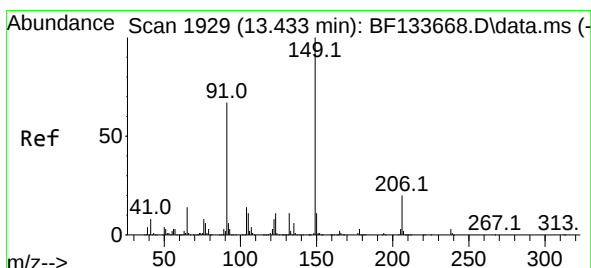
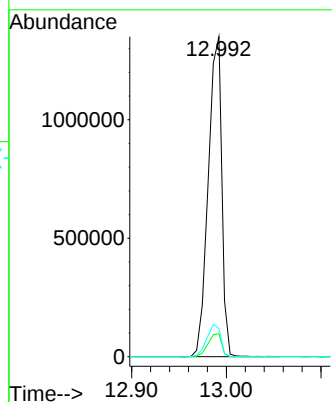
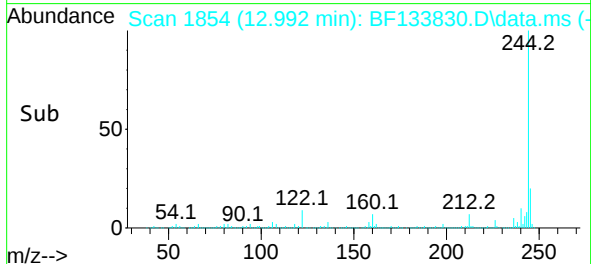
Instrument :
 BNA_F
 ClientSampleId :
 PB153176BS



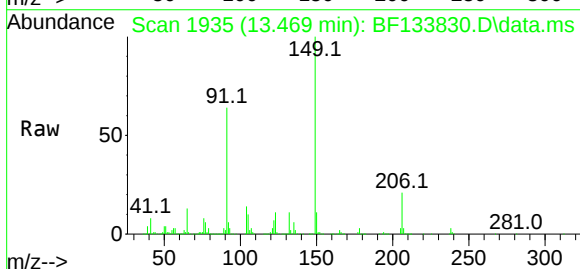
Tgt Ion:244 Resp: 133823
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 8.9 8.1 12.1

Manual Integrations
 APPROVED

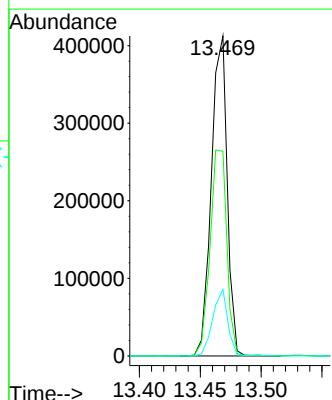
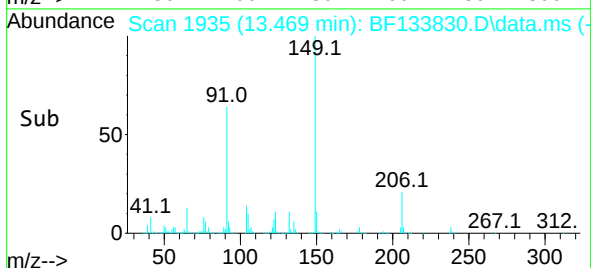
Reviewed By :Yogesh Patel 06/20/2023
 Supervised By :mohammad ahmed 06/20/2023

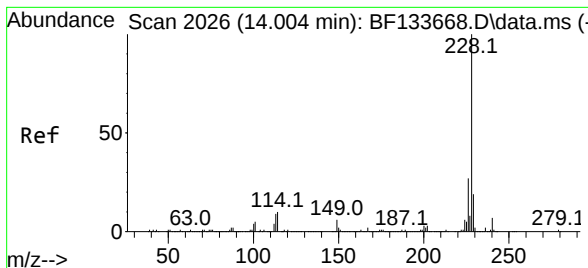


#80
 Butylbenzylphthalate
 Concen: 44.631 ng
 RT: 13.469 min Scan# 1935
 Delta R.T. 0.000 min
 Lab File: BF133830.D
 Acq: 19 Jun 2023 13:02



Tgt Ion:149 Resp: 374366
 Ion Ratio Lower Upper
 149 100
 91 64.0 54.0 81.0
 206 20.8 15.6 23.4





#81

Benzo(a)anthracene

Concen: 41.955 ng

RT: 14.039 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF133830.D

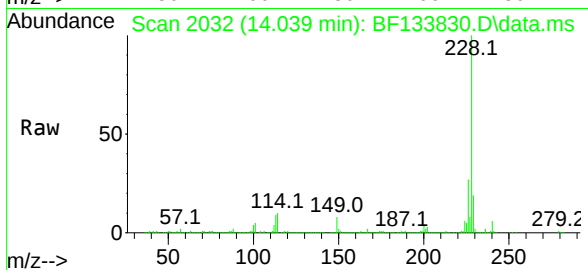
Acq: 19 Jun 2023 13:02

Instrument :

BNA_F

ClientSampleId :

PB153176BS



Tgt Ion:228 Resp: 61898

Ion Ratio Lower Upper

228 100

226 27.1 21.7 32.5

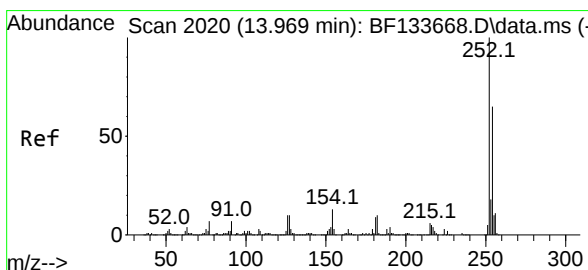
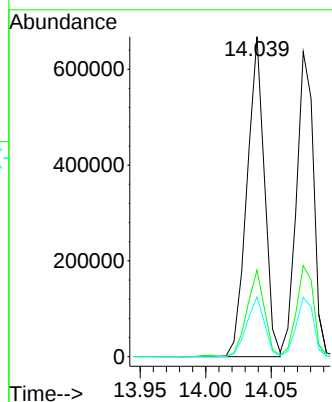
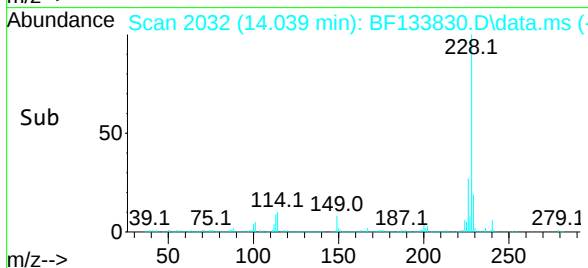
229 18.7 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#82

3,3'-Dichlorobenzidine

Concen: 28.562 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

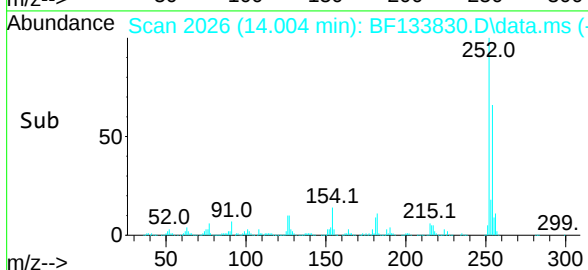
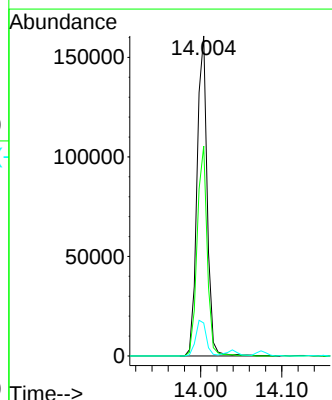
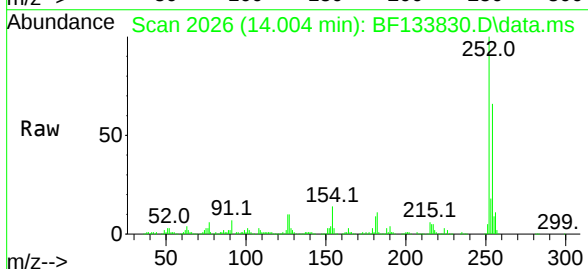
Tgt Ion:252 Resp: 140096

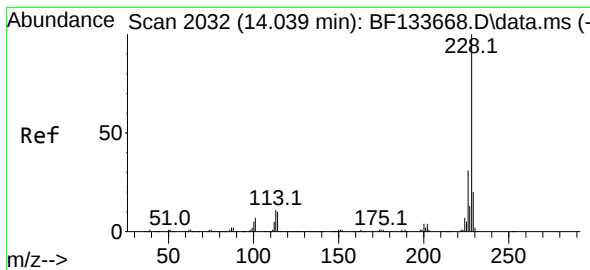
Ion Ratio Lower Upper

252 100

254 65.6 51.9 77.9

126 10.3 7.7 11.5





#83

Chrysene

Concen: 41.340 ng

RT: 14.074 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

Instrument :

BNA_F

ClientSampleId :

PB153176BS

Tgt Ion:228 Resp: 57687

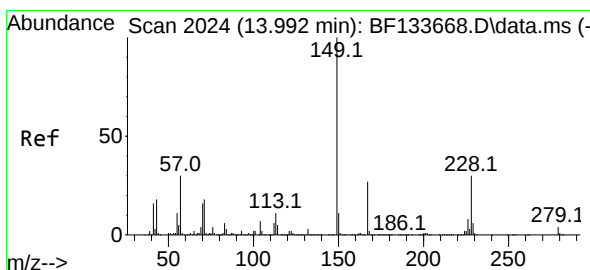
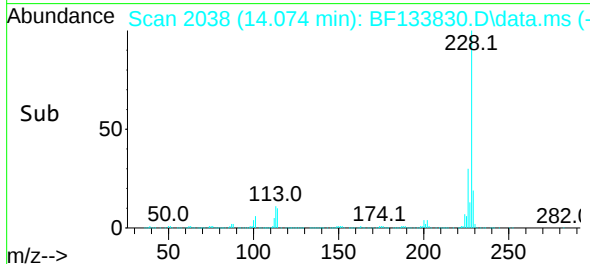
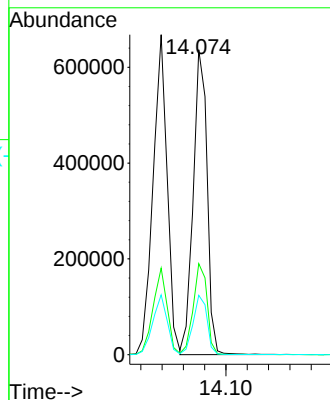
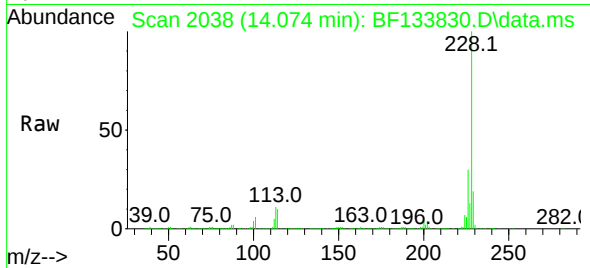
Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	19.4	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.022 ng

RT: 14.027 min Scan# 2030

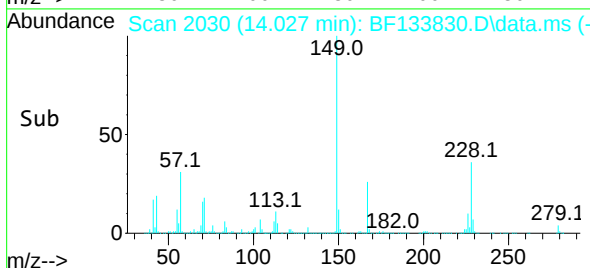
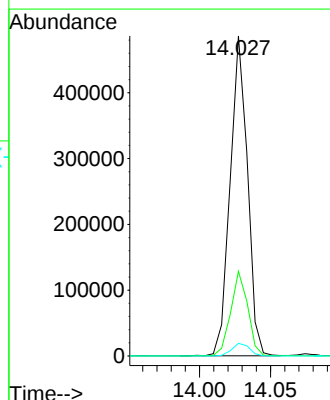
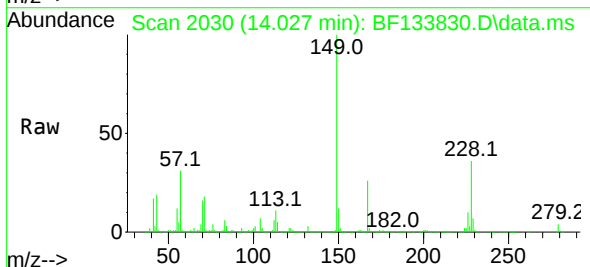
Delta R.T. 0.000 min

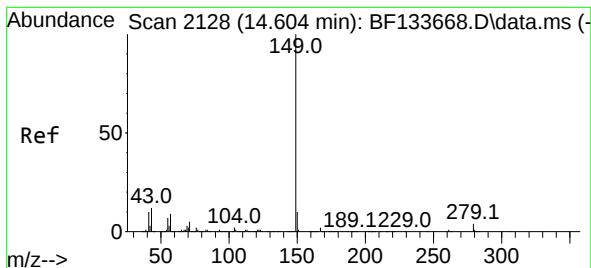
Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

Tgt Ion:149 Resp: 413347

Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.8	32.8
279	4.0	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 40.743 ng

RT: 14.651 min Scan# 2128

Delta R.T. 0.000 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

Instrument :

BNA_F

ClientSampleId :

PB153176BS

Tgt Ion:149 Resp: 59798

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

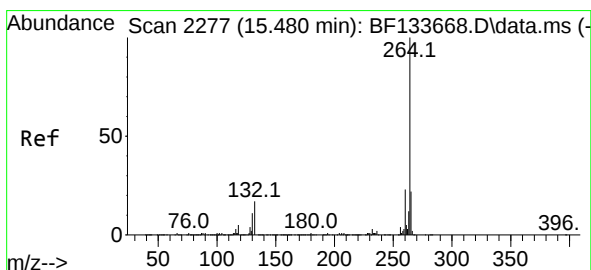
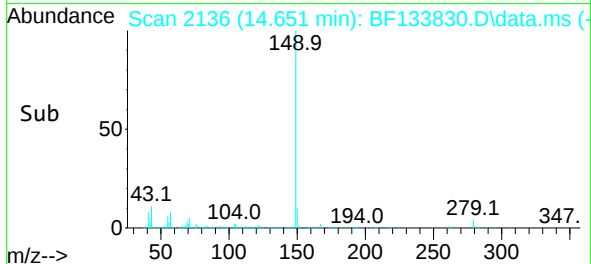
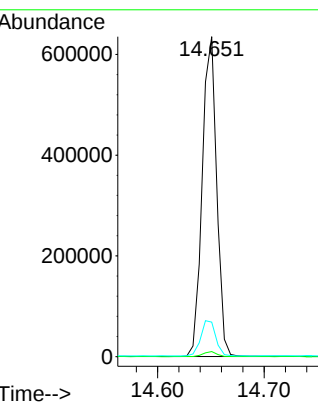
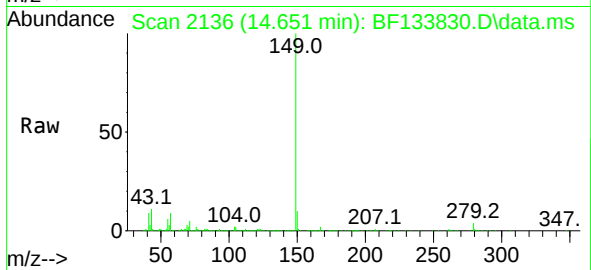
43 11.4 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2290

Delta R.T. 0.000 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

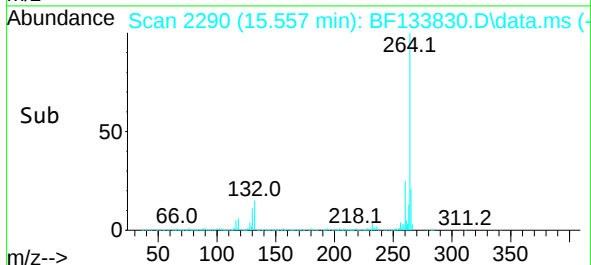
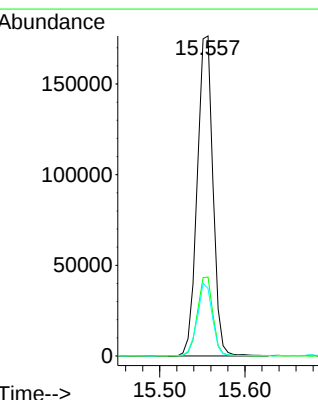
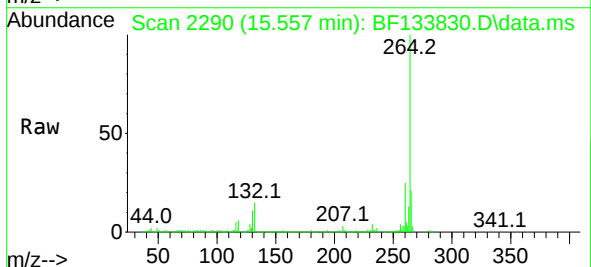
Tgt Ion:264 Resp: 226651

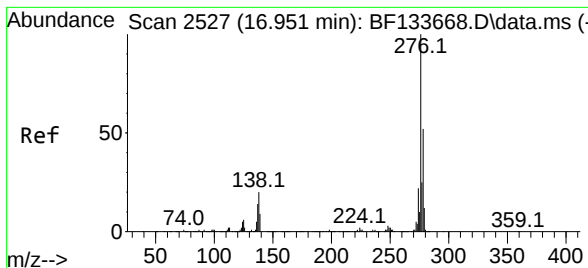
Ion Ratio Lower Upper

264 100

260 24.7 18.2 27.2

265 21.0 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.623 ng

RT: 17.110 min Scan# 2114

Delta R.T. 0.000 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

Instrument :

BNA_F

ClientSampleId :

PB153176BS

Tgt Ion:276 Resp: 820554

Ion Ratio Lower Upper

276 100

138 23.9 17.9 26.9

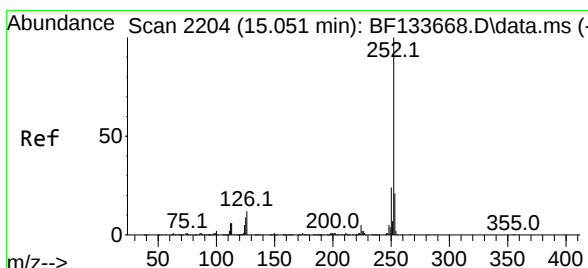
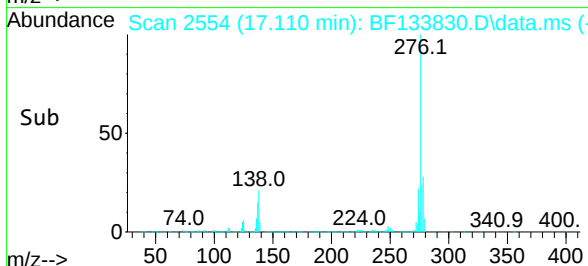
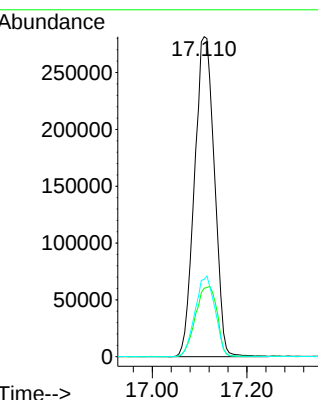
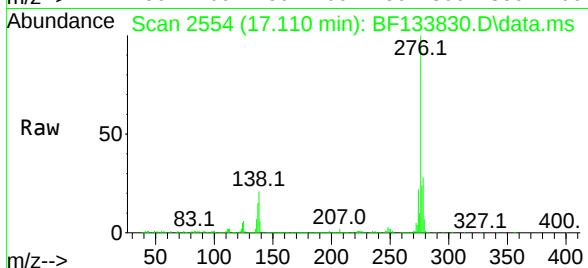
277 25.3 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#88

Benzo(b)fluoranthene

Concen: 39.600 ng

RT: 15.110 min Scan# 2214

Delta R.T. 0.000 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

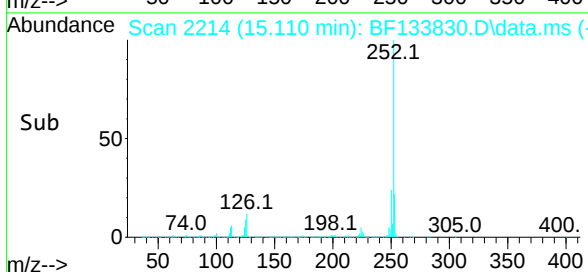
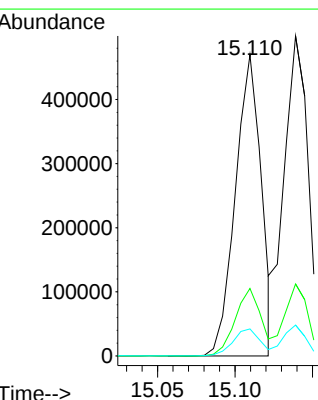
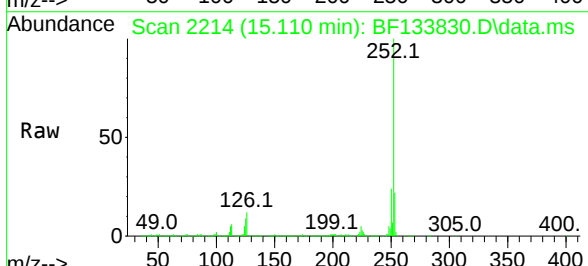
Tgt Ion:252 Resp: 545222

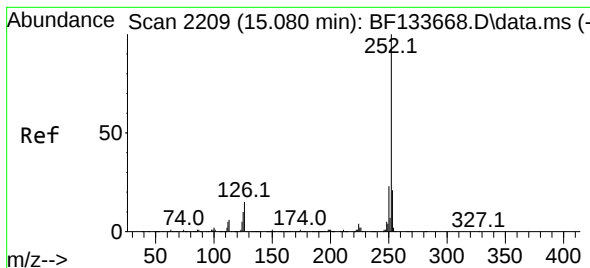
Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.6

125 9.0 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 40.466 ng

RT: 15.139 min Scan# 2219

Delta R.T. 0.000 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

Instrument :

BNA_F

ClientSampleId :

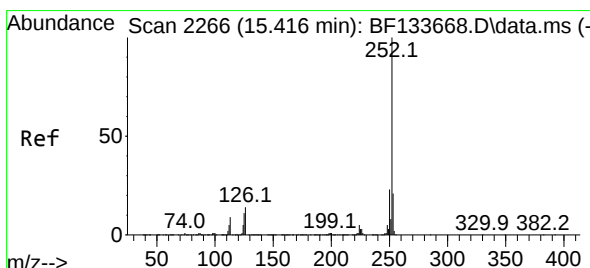
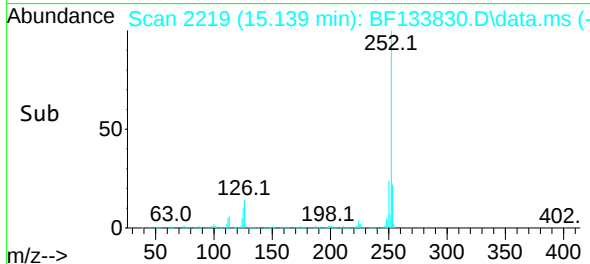
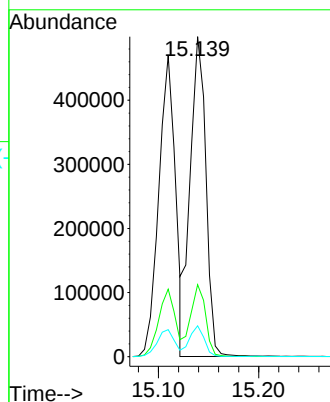
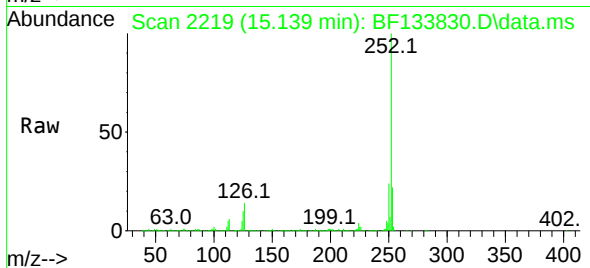
PB153176BS

Tgt Ion:252 Resp: 542725
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.0 25.4
 125 9.7 7.8 11.6

Manual Integrations

APPROVED

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



#90

Benzo(a)pyrene

Concen: 40.881 ng

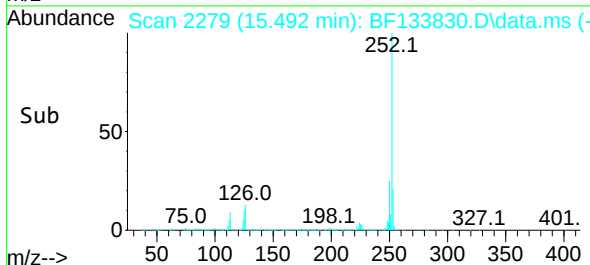
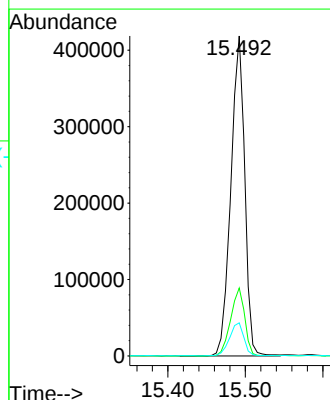
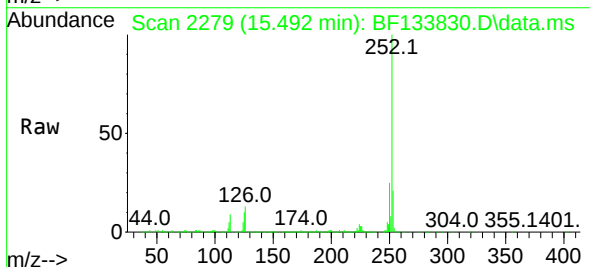
RT: 15.492 min Scan# 2279

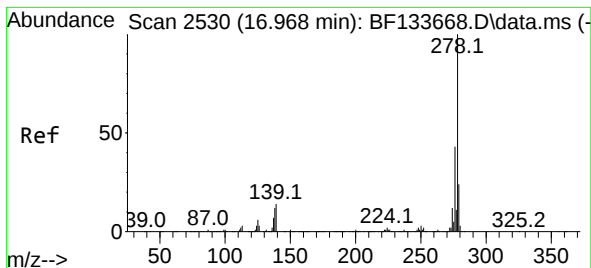
Delta R.T. 0.000 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

Tgt Ion:252 Resp: 522377
 Ion Ratio Lower Upper
 252 100
 253 21.2 17.1 25.7
 125 10.4 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 52.159 ng

RT: 17.133 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

Instrument :

BNA_F

ClientSampleId :

PB153176BS

Tgt Ion:278 Resp: 67333

Ion Ratio Lower Upper

278 100

139 14.5 11.4 17.2

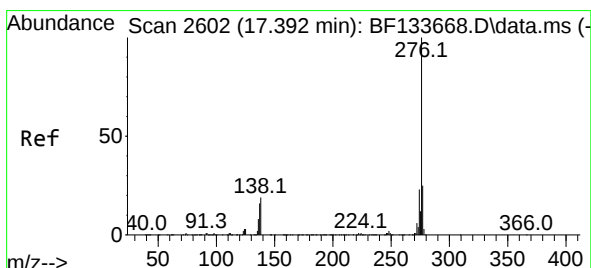
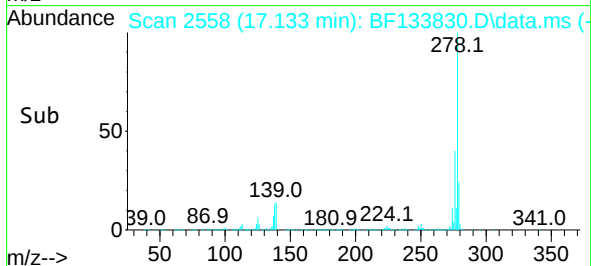
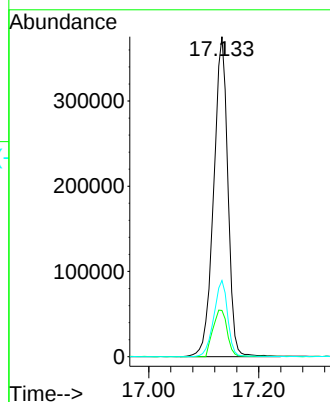
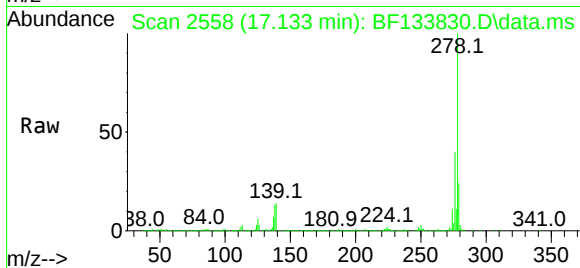
279 23.8 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#92

Benzo(g,h,i)perylene

Concen: 53.440 ng

RT: 17.586 min Scan# 2635

Delta R.T. 0.000 min

Lab File: BF133830.D

Acq: 19 Jun 2023 13:02

Tgt Ion:276 Resp: 683985

Ion Ratio Lower Upper

276 100

277 23.6 19.8 29.8

138 20.1 15.0 22.4

