

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
 Data File : BF133891.D
 Acq On : 22 Jun 2023 09:31
 Operator : CG\JU
 Sample : PB153533BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153533BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

Quant Time: Jun 23 02:24:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 02:21:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	108806	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	421113	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	212618	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	424580	20.000	ng	0.00
76) Chrysene-d12	14.057	240	210670	20.000	ng	0.00
86) Perylene-d12	15.556	264	222134	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	833461	133.354	ng	0.01
7) Phenol-d6	6.504	99	1010580	124.221	ng	0.00
23) Nitrobenzene-d5	7.428	82	684873	88.581	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	341772	126.988	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1237581	82.742	ng	0.00
79) Terphenyl-d14	12.992	244	1377357	101.165	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.722	88	99790	36.317	ng	98
3) Pyridine	3.498	79	257751	32.183	ng	98
4) n-Nitrosodimethylamine	3.457	42	189296	42.759	ng	99
6) Aniline	6.528	93	356457	34.788	ng	98
8) 2-Chlorophenol	6.651	128	320994	48.735	ng	93
9) Benzaldehyde	6.410	77	57933	10.733	ng	95
10) Phenol	6.516	94	382272	45.000	ng	88
11) bis(2-Chloroethyl)ether	6.598	93	291100	46.158	ng	96
12) 1,3-Dichlorobenzene	6.804	146	336696	47.844	ng	99
13) 1,4-Dichlorobenzene	6.881	146	348084	48.938	ng	98
14) 1,2-Dichlorobenzene	7.028	146	324049	50.420	ng	99
15) Benzyl Alcohol	7.004	79	284926	44.842	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	507889	47.508	ng	99
17) 2-Methylphenol	7.116	107	264776	45.354	ng	99
18) Hexachloroethane	7.369	117	126674	52.022	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	221870	42.864	ng	96
20) 3+4-Methylphenols	7.269	107	315504	41.544	ng	# 86
22) Acetophenone	7.269	105	438480	45.399	ng	92
24) Nitrobenzene	7.445	77	346637	44.525	ng	99
25) Isophorone	7.681	82	619118	43.618	ng	99
26) 2-Nitrophenol	7.757	139	178243	51.015	ng	99
27) 2,4-Dimethylphenol	7.798	122	280259	46.538	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	356603	43.468	ng	100
29) 2,4-Dichlorophenol	8.004	162	266867	45.215	ng	98
30) 1,2,4-Trichlorobenzene	8.081	180	281224	45.669	ng	96
31) Naphthalene	8.163	128	897562	43.748	ng	99
32) Benzoic acid	7.928	122	208793	54.974	ng	96
33) 4-Chloroaniline	8.210	127	139985	15.957	ng	99
34) Hexachlorobutadiene	8.275	225	174579	43.301	ng	97
35) Caprolactam	8.592	113	96304m	48.491	ng	
36) 4-Chloro-3-methylphenol	8.698	107	309909	45.554	ng	98
37) 2-Methylnaphthalene	8.857	142	600558	42.129	ng	99
38) 1-Methylnaphthalene	8.957	142	561868	42.833	ng	98
40) 1,2,4,5-Tetrachloroben...	9.022	216	284612	44.032	ng	98
41) Hexachlorocyclopentadiene	9.004	237	336517	116.827	ng	98
43) 2,4,6-Trichlorophenol	9.133	196	195845	45.341	ng	98

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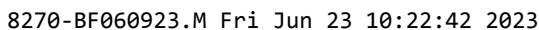
Quant Time: Jun 23 02:24:38 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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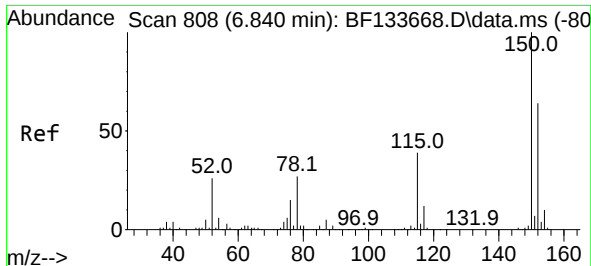
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	212732	42.334	ng	98
46) 1,1'-Biphenyl	9.322	154	755262	44.044	ng	99
47) 2-Chloronaphthalene	9.345	162	562164	45.703	ng	99
48) 2-Nitroaniline	9.445	65	210253	46.737	ng	97
49) Acenaphthylene	9.763	152	932460	43.554	ng	100
50) Dimethylphthalate	9.627	163	680792	42.897	ng	99
51) 2,6-Dinitrotoluene	9.692	165	151515	46.254	ng	95
52) Acenaphthene	9.939	154	547528	43.692	ng	100
53) 3-Nitroaniline	9.857	138	119738	30.037	ng	85
54) 2,4-Dinitrophenol	9.975	184	175246	107.372	ng	92
55) Dibenzofuran	10.110	168	836912	43.768	ng	98
56) 4-Nitrophenol	10.027	139	258715	96.163	ng	# 78
57) 2,4-Dinitrotoluene	10.098	165	204388	49.060	ng	98
58) Fluorene	10.457	166	664664	45.453	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	184229	48.969	ng	99
60) Diethylphthalate	10.327	149	702199	43.474	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	312473	43.285	ng	98
62) 4-Nitroaniline	10.480	138	174983	44.769	ng	97
63) Azobenzene	10.604	77	667555	43.658	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	115696	57.025	ng	93
66) n-Nitrosodiphenylamine	10.569	169	599099	42.008	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	197558	41.689	ng	93
68) Hexachlorobenzene	11.004	284	224828	45.116	ng	96
69) Atrazine	11.098	200	196104	47.391	ng	99
70) Pentachlorophenol	11.198	266	231197	77.478	ng	98
71) Phenanthrene	11.421	178	968701	44.970	ng	99
72) Anthracene	11.474	178	980481	43.653	ng	99
73) Carbazole	11.633	167	923826	44.162	ng	98
74) Di-n-butylphthalate	11.957	149	1091179	40.688	ng	99
75) Fluoranthene	12.616	202	1010577	44.178	ng	99
77) Benzidine	12.739	184	277390	39.239	ng	99
78) Pyrene	12.845	202	1008789	51.404	ng	100
80) Butylbenzylphthalate	13.468	149	366972	44.294	ng	99
81) Benzo(a)anthracene	14.045	228	662590	45.470	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	162123	33.464	ng	# 98
83) Chrysene	14.080	228	624266	45.294	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	422290	41.397	ng	# 97
85) Di-n-octyl phthalate	14.651	149	610188	42.093	ng	99
87) Indeno(1,2,3-cd)pyrene	17.121	276	759548	49.701	ng	99
88) Benzo(b)fluoranthene	15.115	252	605925	44.904	ng	99
89) Benzo(k)fluoranthene	15.145	252	603662	45.925	ng	100
90) Benzo(a)pyrene	15.498	252	552371	44.108	ng	99
91) Dibenzo(a,h)anthracene	17.139	278	616010	48.689	ng	98
92) Benzo(g,h,i)perylene	17.598	276	623813	49.729	ng	98

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

Manual Integrations

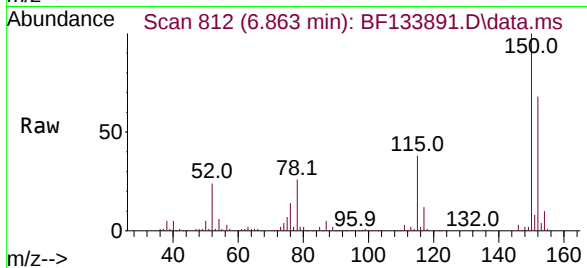
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

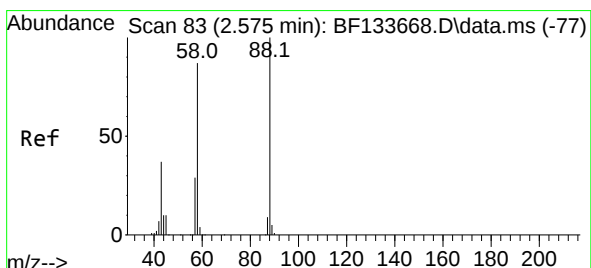
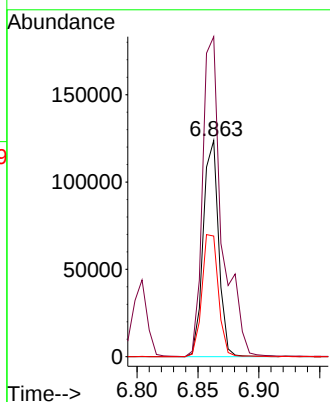
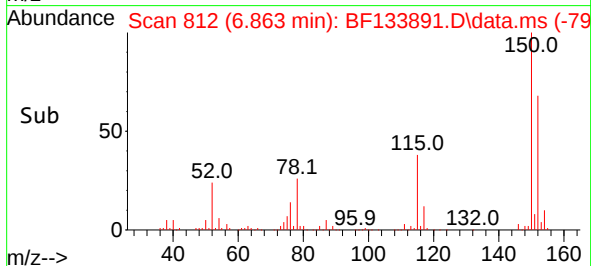
Instrument :
BNA_F
ClientSampleId :
PB153533BS



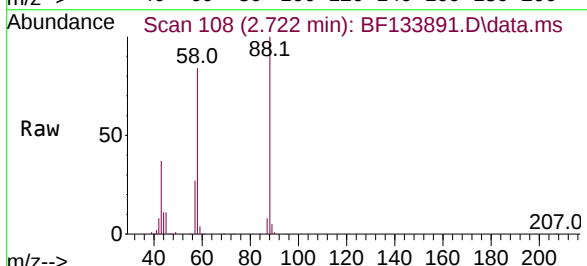
Tgt Ion:152 Resp: 108800
Ion Ratio Lower Upper
152 100
150 148.0 124.3 186.5
115 55.8 48.5 72.7

Manual Integrations
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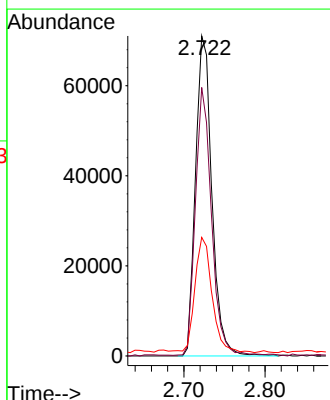
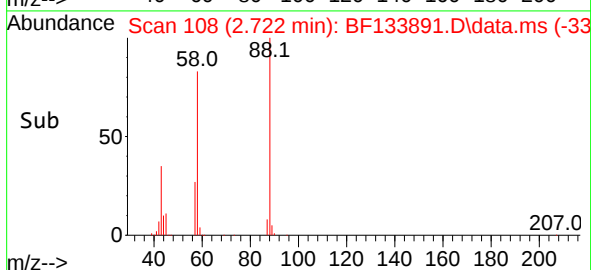
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

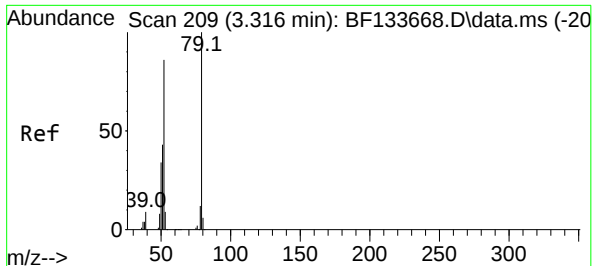


#2
1,4-Dioxane
Concen: 36.317 ng
RT: 2.722 min Scan# 108
Delta R.T. 0.088 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31



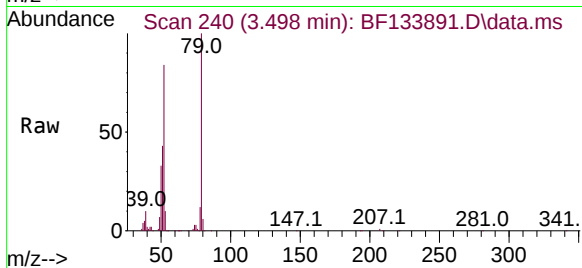
Tgt Ion: 88 Resp: 99790
Ion Ratio Lower Upper
88 100
58 82.3 67.8 101.6
43 37.9 29.8 44.6





#3
Pyridine
Concen: 32.183 ng
RT: 3.498 min Scan# 24
Delta R.T. 0.077 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

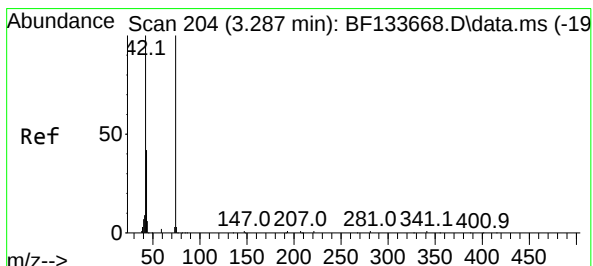
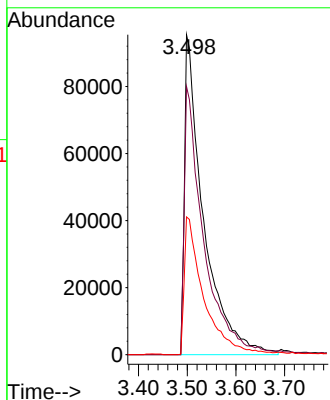
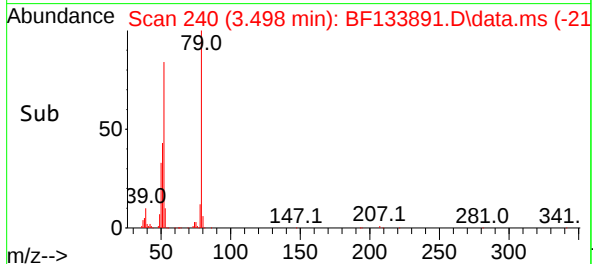
Instrument :
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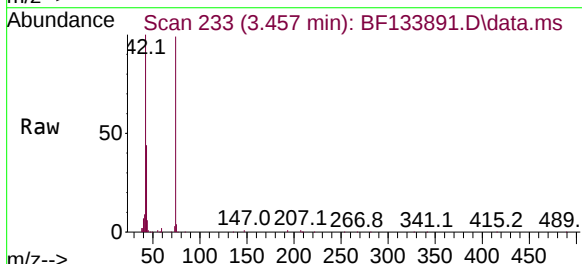
Tgt Ion: 79 Resp: 25775
Ion Ratio Lower Upper
79 100
52 83.8 68.6 102.8
51 43.0 34.8 52.2

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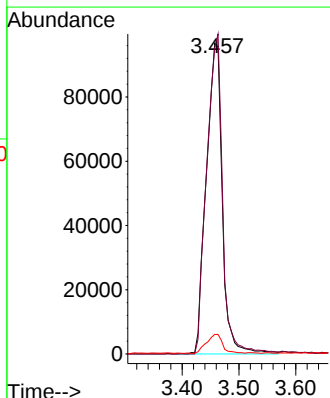
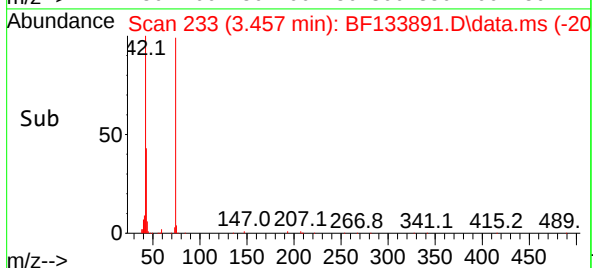
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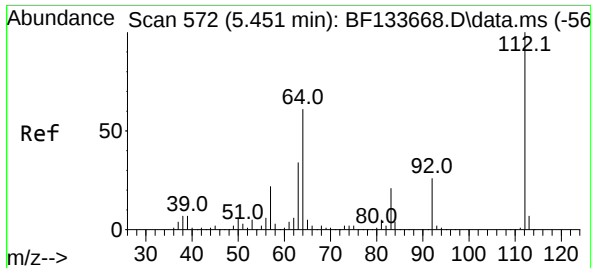


#4
n-Nitrosodimethylamine
Concen: 42.759 ng
RT: 3.457 min Scan# 233
Delta R.T. 0.076 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31



Tgt Ion: 42 Resp: 189296
Ion Ratio Lower Upper
42 100
74 98.5 79.8 119.8
44 6.3 4.7 7.1





#5
2-Fluorophenol
Concen: 133.354 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

Instrument :

BNA_F

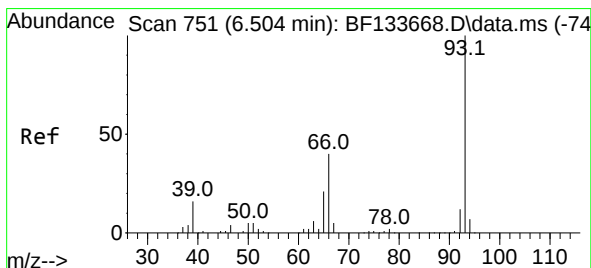
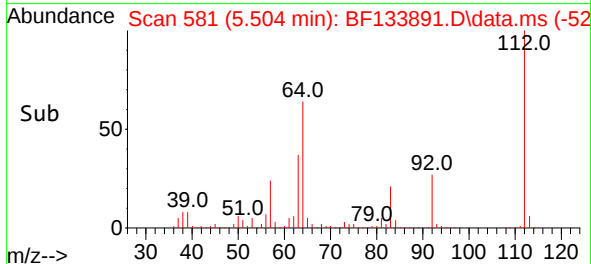
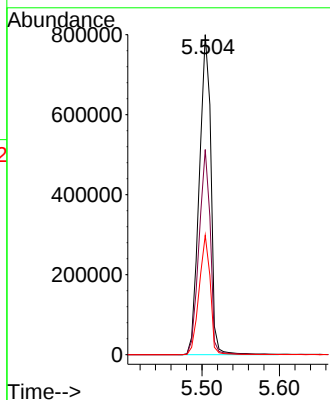
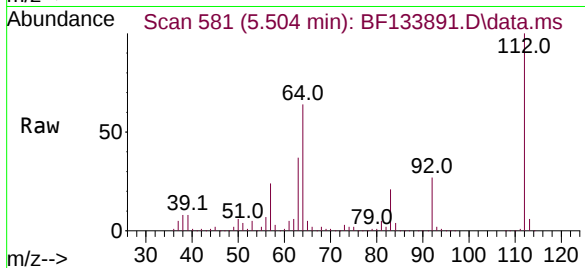
ClientSampleId :

PB153533BS

Tgt Ion:112 Resp: 83346
Ion Ratio Lower Upper
112 100
64 64.1 49.0 73.4
63 37.3 26.8 40.2

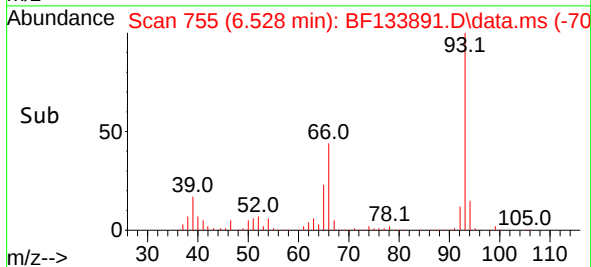
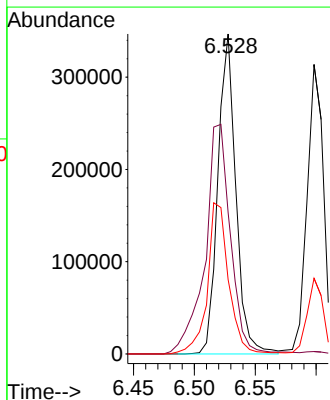
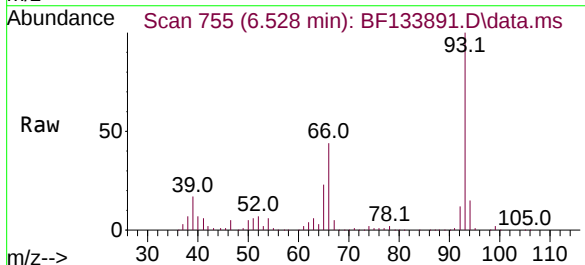
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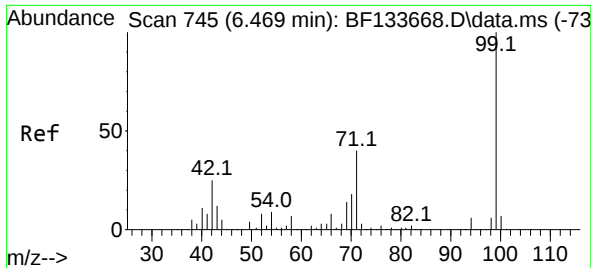
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#6
Aniline
Concen: 34.788 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

Tgt Ion: 93 Resp: 356457
Ion Ratio Lower Upper
93 100
66 44.2 34.4 51.6
65 23.3 17.5 26.3





#7
Phenol-d6
Concen: 124.221 ng
RT: 6.504 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

Instrument :

BNA_F

ClientSampleId :

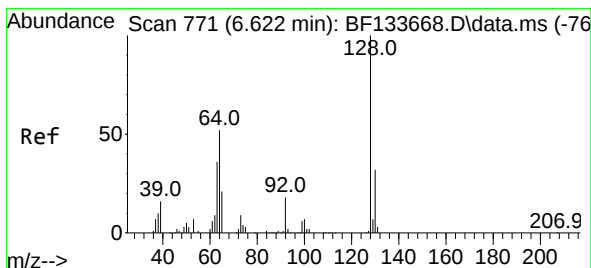
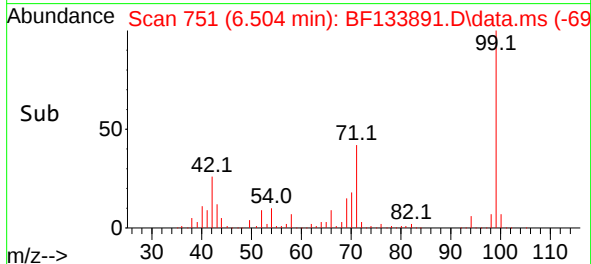
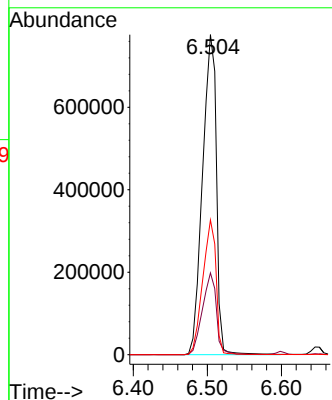
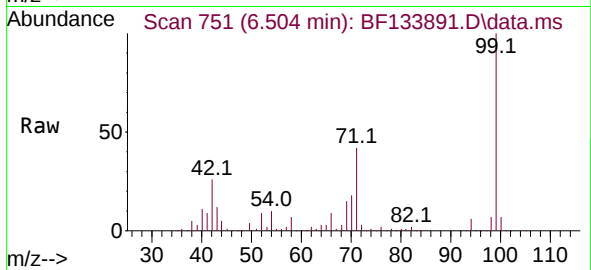
PB153533BS

Tgt Ion: 99 Resp: 1010580
Ion Ratio Lower Upper
99 100
42 25.6 19.9 29.9
71 42.1 32.2 48.4

Manual Integrations

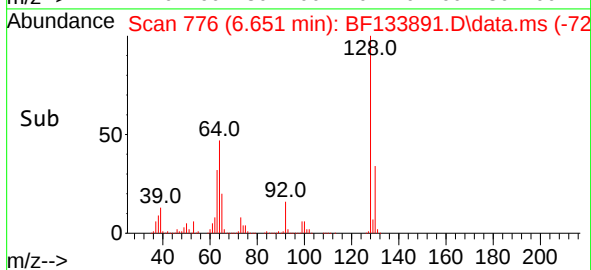
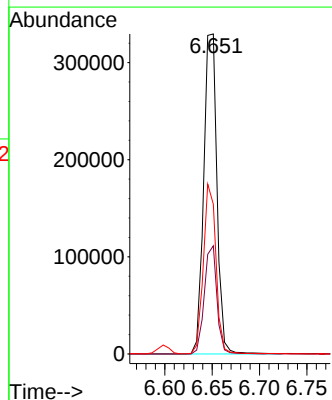
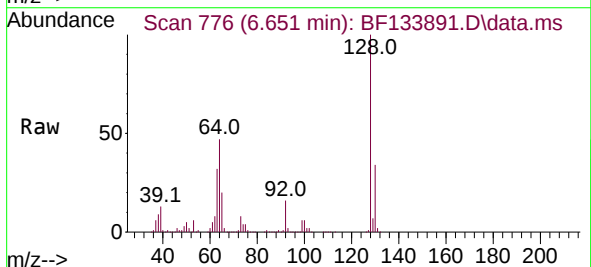
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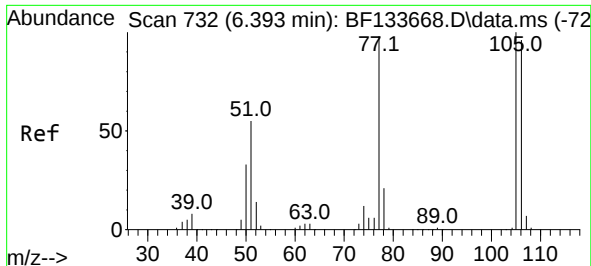
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#8
2-Chlorophenol
Concen: 48.735 ng
RT: 6.651 min Scan# 776
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

Tgt Ion:128 Resp: 320994
Ion Ratio Lower Upper
128 100
130 33.8 12.3 52.3
64 46.8 33.1 73.1





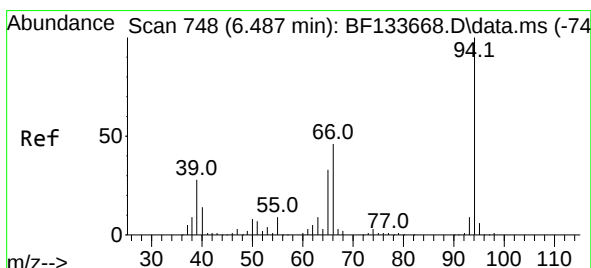
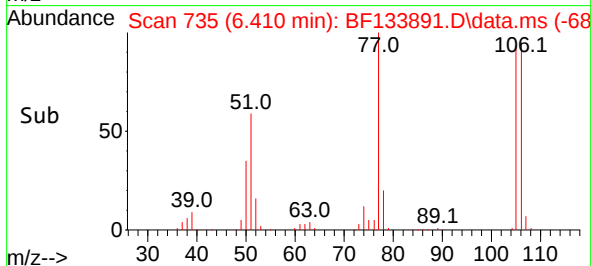
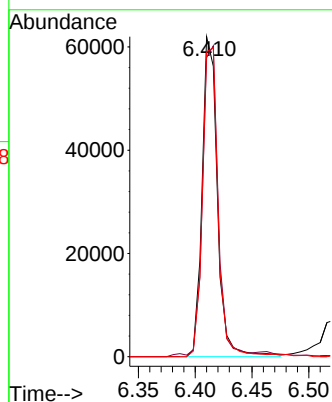
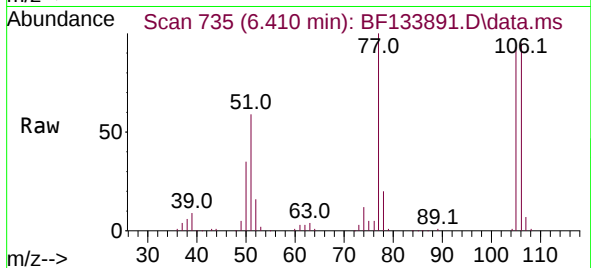
#9
Benzaldehyde
Concen: 10.733 ng
RT: 6.410 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

Instrument :
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Tgt Ion: 77 Resp: 5793
Ion Ratio Lower Upper
77 100
105 93.5 82.0 122.0
106 95.3 77.6 117.6

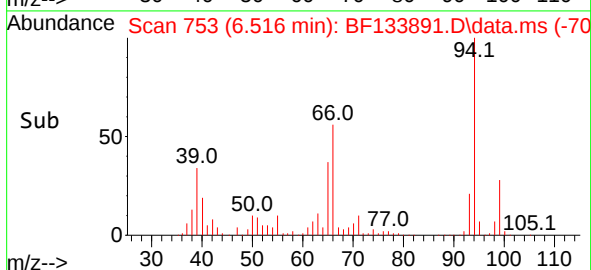
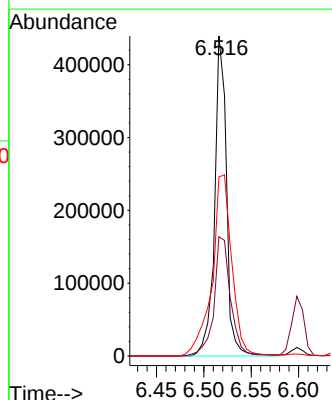
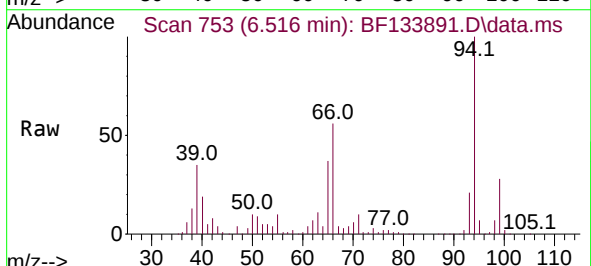
Manual Integrations
APPROVED

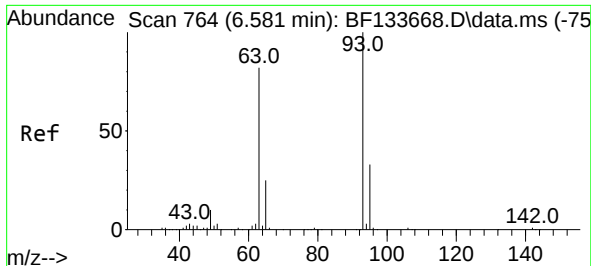
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#10
Phenol
Concen: 45.000 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

Tgt Ion: 94 Resp: 382272
Ion Ratio Lower Upper
94 100
65 37.3 13.2 53.2
66 56.0 26.1 66.1





#11
bis(2-Chloroethyl)ether
Concen: 46.158 ng
RT: 6.598 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

Instrument :

BNA_F

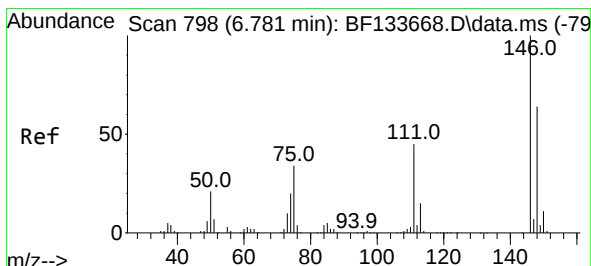
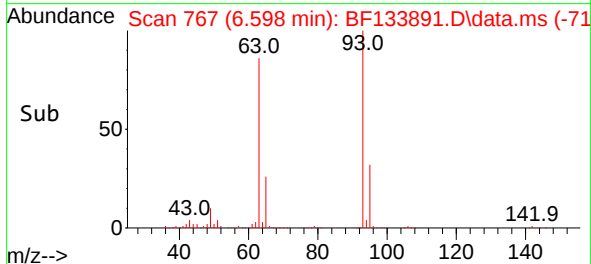
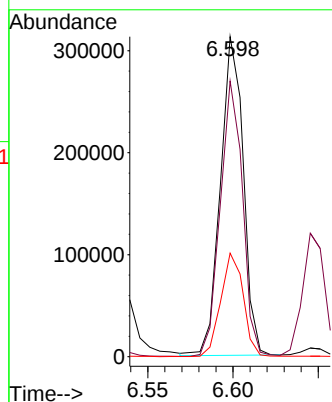
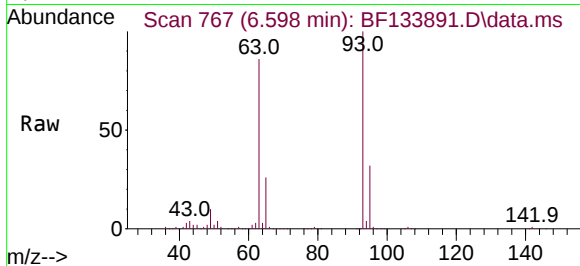
ClientSampleId :

PB153533BS

Tgt Ion: 93 Resp: 291100
Ion Ratio Lower Upper
93 100
63 86.2 62.1 102.1
95 32.3 13.0 53.0

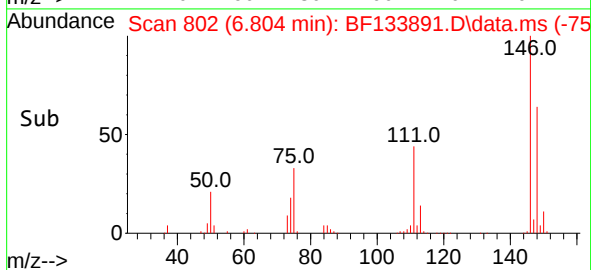
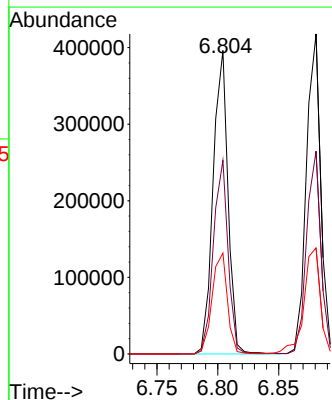
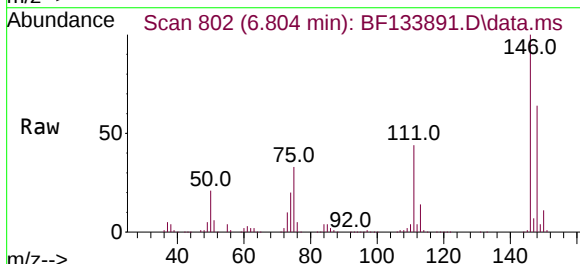
Manual Integrations
APPROVED

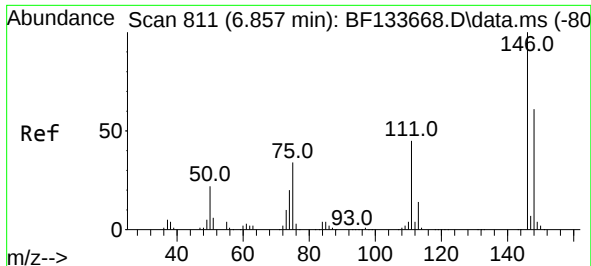
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#12
1,3-Dichlorobenzene
Concen: 47.844 ng
RT: 6.804 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

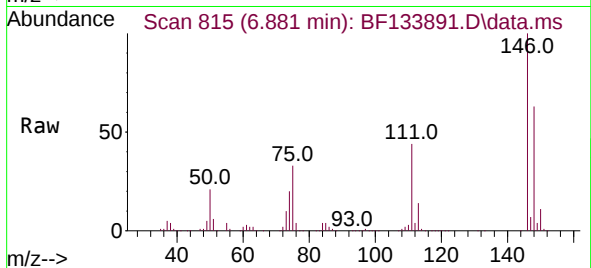
Tgt Ion:146 Resp: 336696
Ion Ratio Lower Upper
146 100
148 63.8 50.9 76.3
75 33.2 27.1 40.7





#13
1,4-Dichlorobenzene
Concen: 48.938 ng
RT: 6.881 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

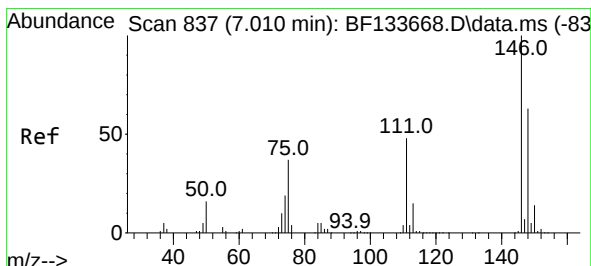
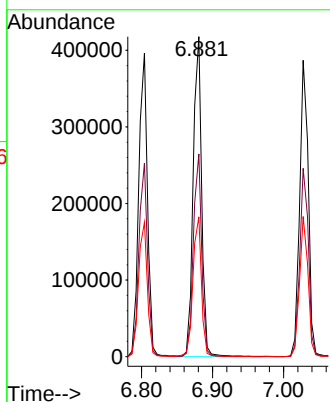
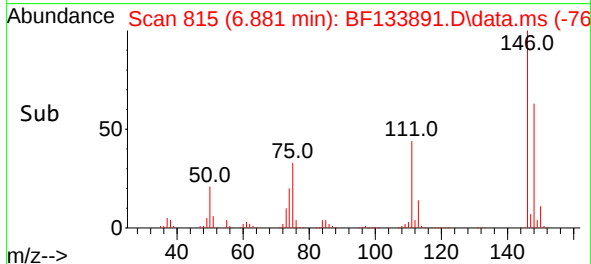
Instrument :
BNA_F
ClientSampleId :
PB153533BS



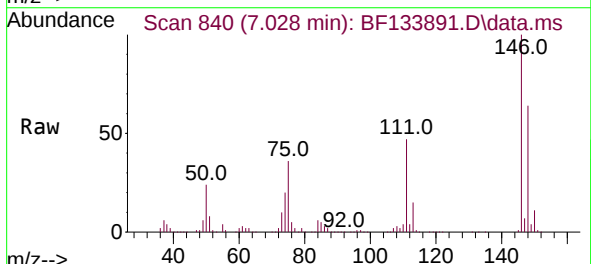
Tgt Ion:146 Resp: 348084
Ion Ratio Lower Upper
146 100
148 63.3 48.9 73.3
111 43.7 35.8 53.6

Manual Integrations
APPROVED

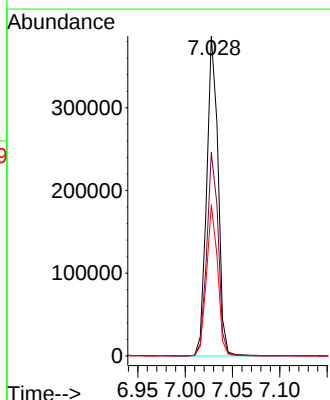
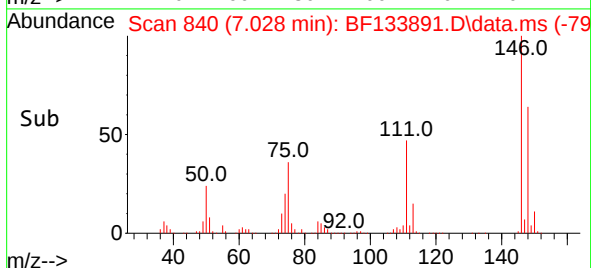
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

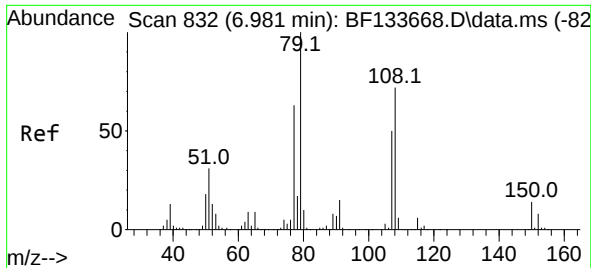


#14
1,2-Dichlorobenzene
Concen: 50.420 ng
RT: 7.028 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31



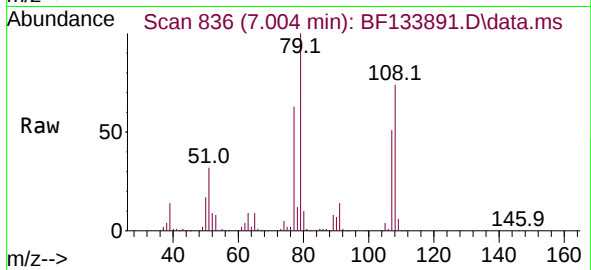
Tgt Ion:146 Resp: 324049
Ion Ratio Lower Upper
146 100
148 63.6 50.6 75.8
111 47.3 38.7 58.1





#15
Benzyl Alcohol
Concen: 44.842 ng
RT: 7.004 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

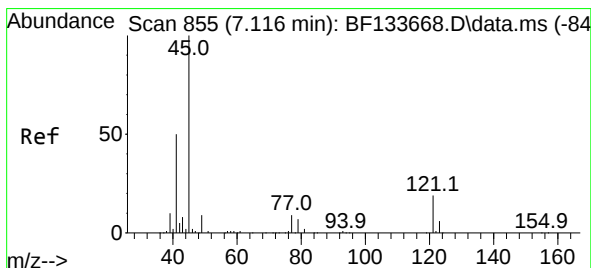
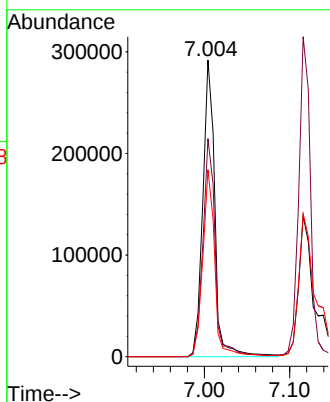
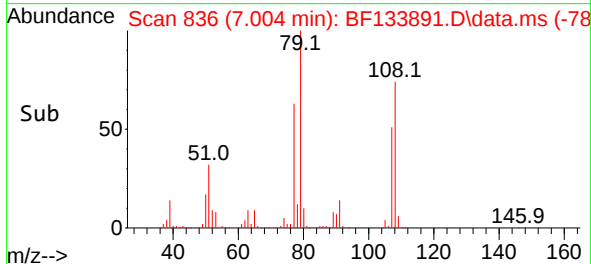
Instrument :
BNA_F
ClientSampleId :
PB153533BS



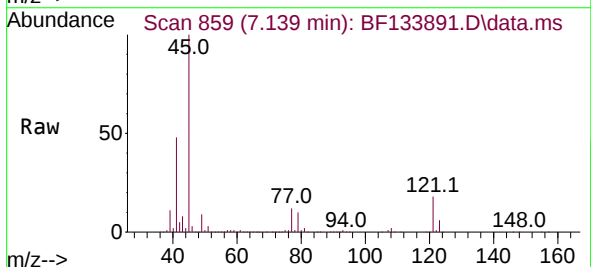
Tgt Ion: 79 Resp: 284920
Ion Ratio Lower Upper
79 100
108 73.6 57.9 86.9
77 63.0 50.4 75.6

Manual Integrations
APPROVED

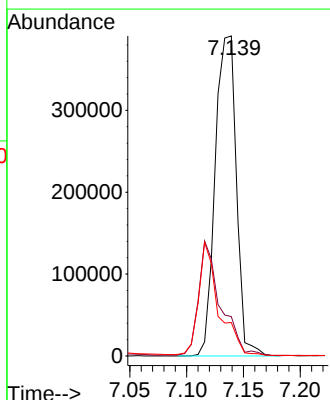
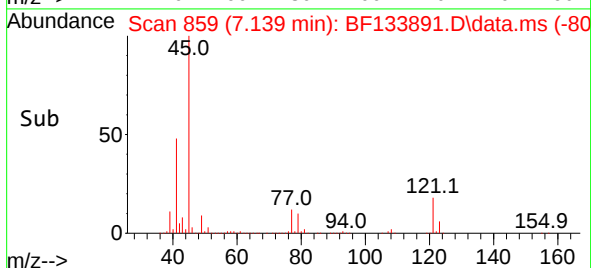
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

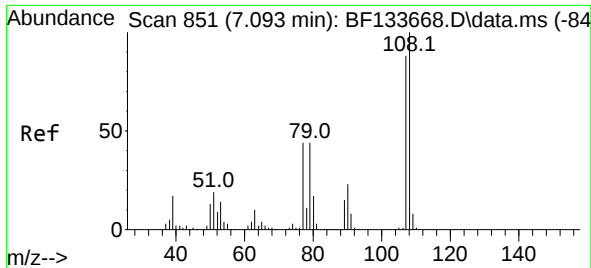


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.508 ng
RT: 7.139 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31



Tgt Ion: 45 Resp: 507889
Ion Ratio Lower Upper
45 100
77 12.3 0.0 32.3
79 10.4 0.0 29.4





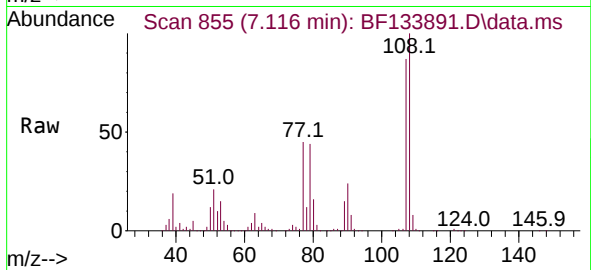
#17
2-Methylphenol
Concen: 45.354 ng
RT: 7.116 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

Instrument :

BNA_F

ClientSampleId :

PB153533BS

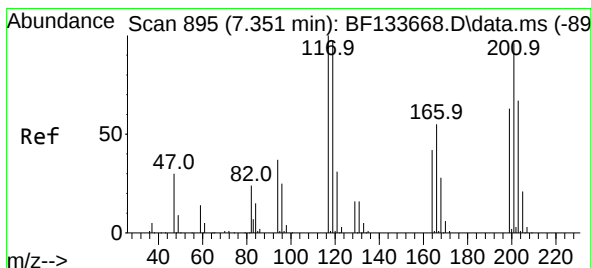
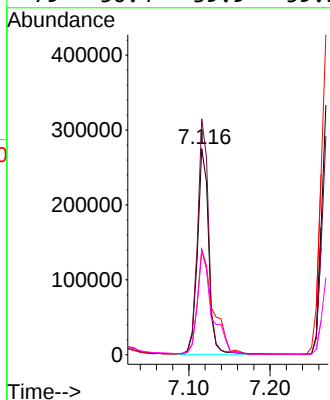
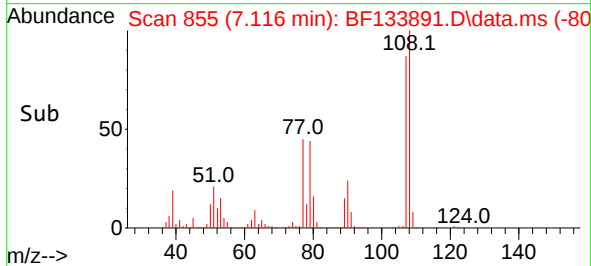


Tgt Ion:107 Resp: 264770
Ion Ratio Lower Upper
107 100
108 114.4 90.9 136.3
77 51.1 39.8 59.6
79 50.4 39.9 59.9

Manual Integrations

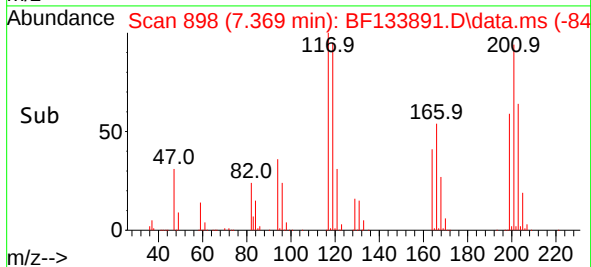
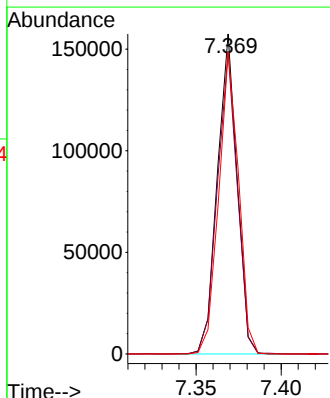
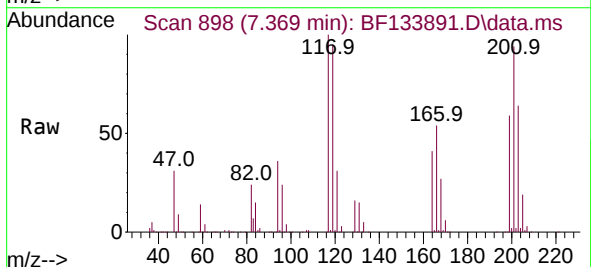
APPROVED

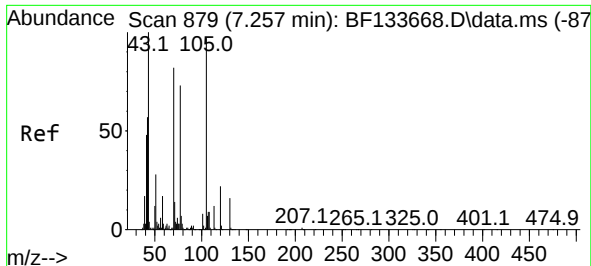
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#18
Hexachloroethane
Concen: 52.022 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

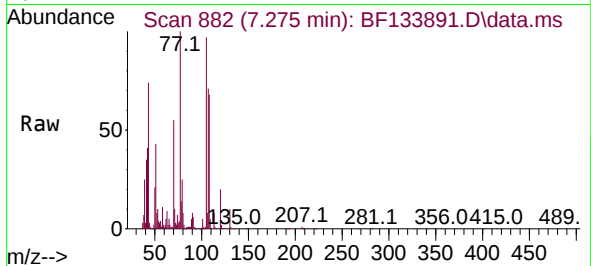
Tgt Ion:117 Resp: 126674
Ion Ratio Lower Upper
117 100
119 94.5 77.3 115.9
201 94.3 76.8 115.2





#19
n-Nitroso-di-n-propylamine
Concen: 42.864 ng
RT: 7.275 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

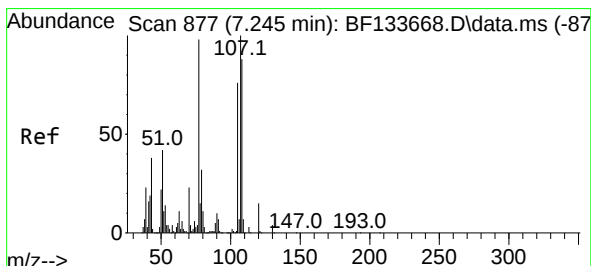
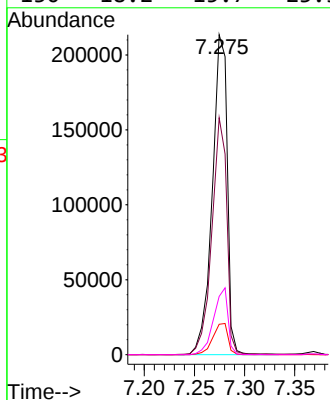
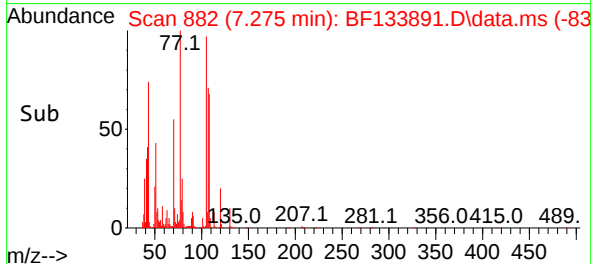
Instrument :
BNA_F
Client Sample Id :
PB153533BS



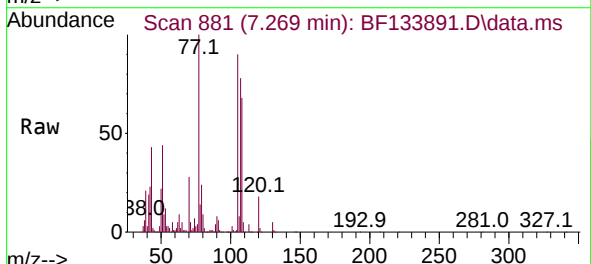
Tgt Ion: 70 Resp: 221870
Ion Ratio Lower Upper
70 100
42 74.1 55.8 83.8
101 9.5 8.1 12.1
130 18.2 15.7 23.5

Manual Integrations
APPROVED

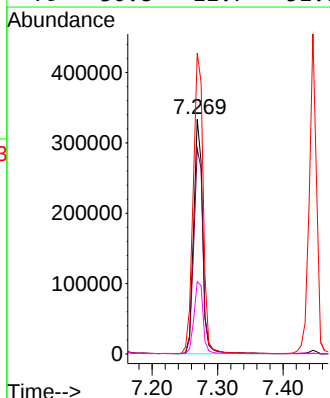
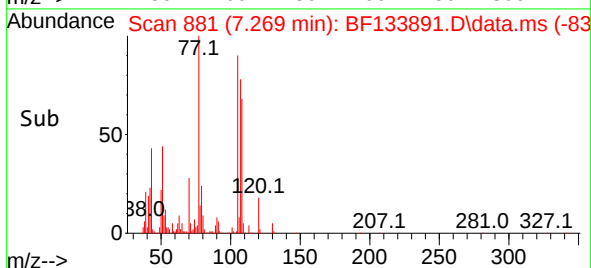
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

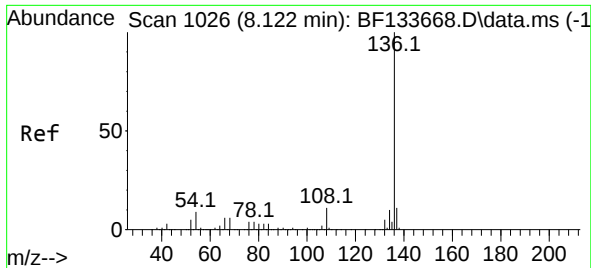


#20
3+4-Methylphenols
Concen: 41.544 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31



Tgt Ion:107 Resp: 315504
Ion Ratio Lower Upper
107 100
108 87.6 67.9 107.9
77 128.2 77.7 117.7#
79 30.8 11.7 51.7





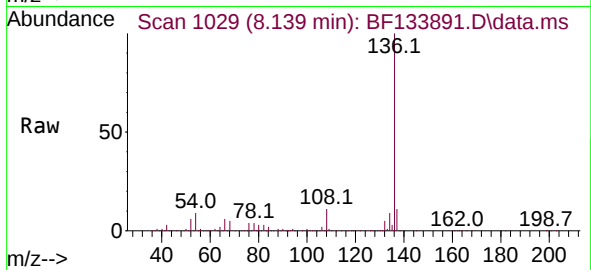
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

Instrument :

BNA_F

ClientSampleId :

PB153533BS

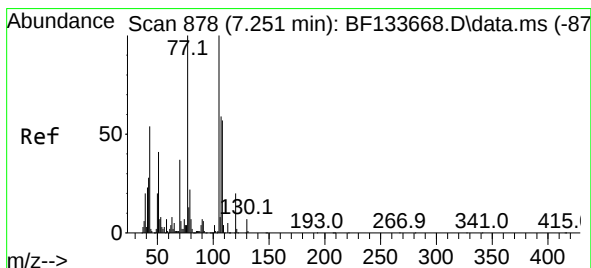
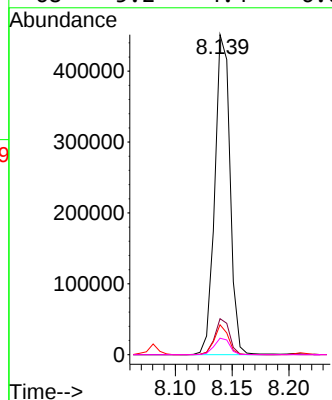
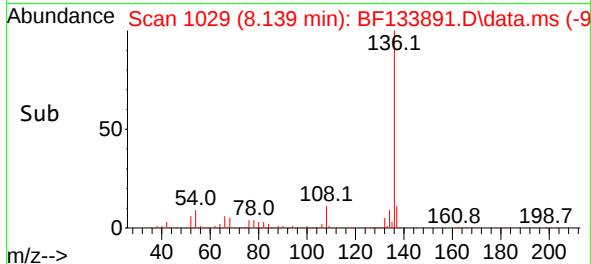


Tgt Ion:136 Resp: 421111
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 9.3 7.4 11.0
68 5.2 4.4 6.6

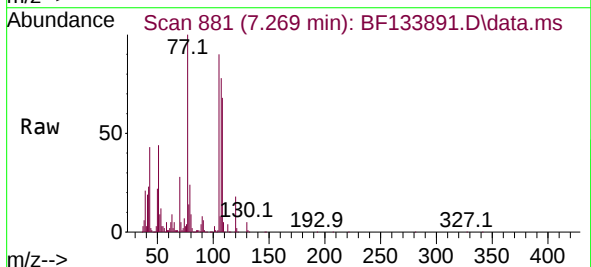
Manual Integrations

APPROVED

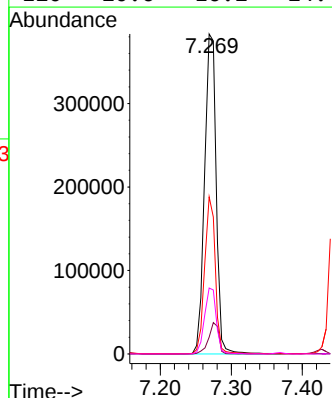
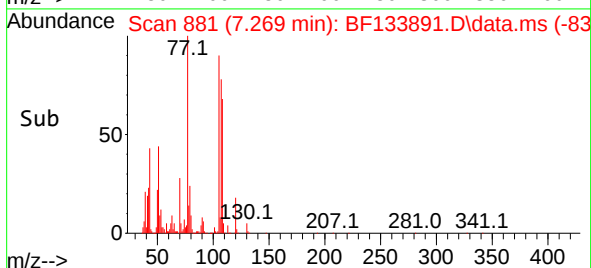
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

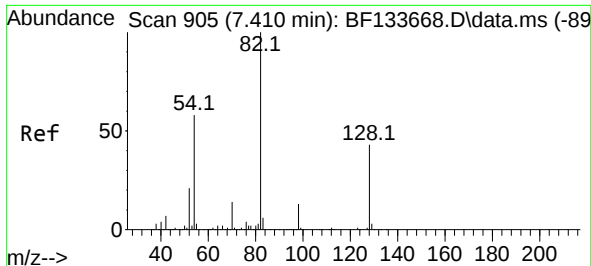


#22
Acetophenone
Concen: 45.399 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31



Tgt Ion:105 Resp: 438480
Ion Ratio Lower Upper
105 100
71 5.2 4.8 7.2
51 49.1 33.0 49.4
120 20.6 16.2 24.4





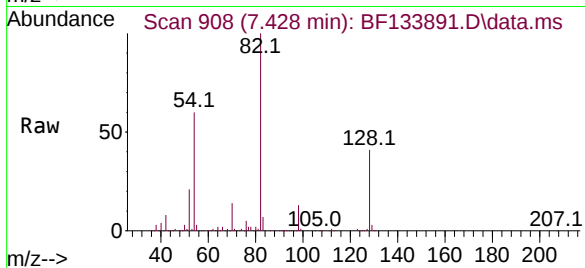
#23
Nitrobenzene-d5
Concen: 88.581 ng
RT: 7.428 min Scan# 905
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

Instrument :

BNA_F

ClientSampleId :

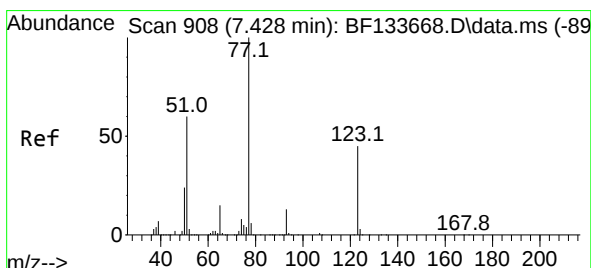
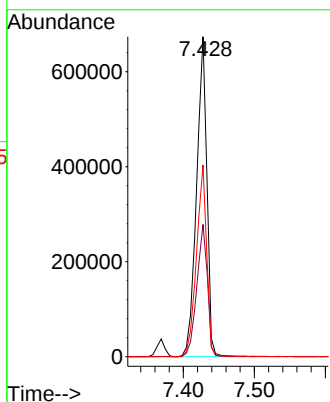
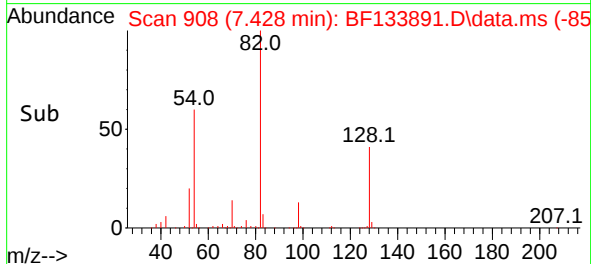
PB153533BS



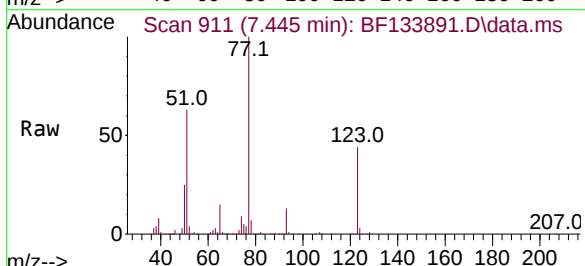
Tgt Ion: 82 Resp: 68487
Ion Ratio Lower Upper
82 100
128 41.4 34.2 51.2
54 59.9 46.5 69.7

Manual Integrations
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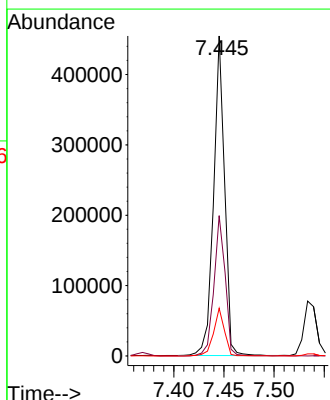
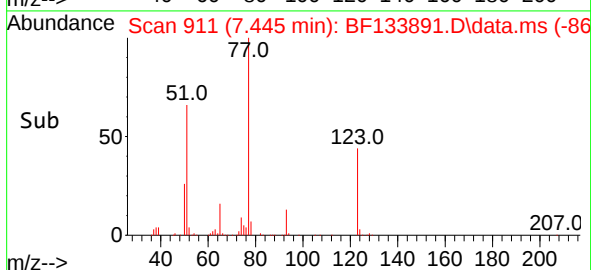
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

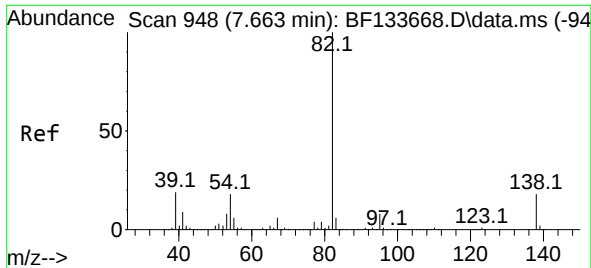


#24
Nitrobenzene
Concen: 44.525 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31



Tgt Ion: 77 Resp: 346637
Ion Ratio Lower Upper
77 100
123 43.9 35.8 53.8
65 14.9 11.6 17.4





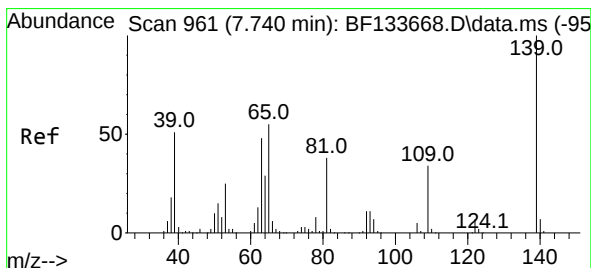
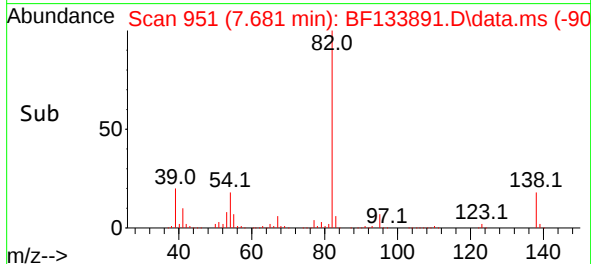
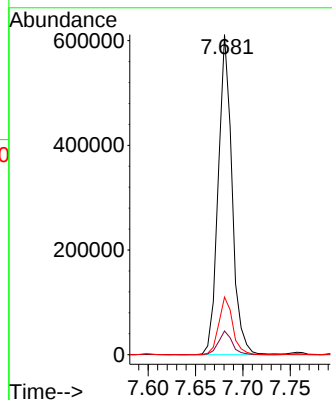
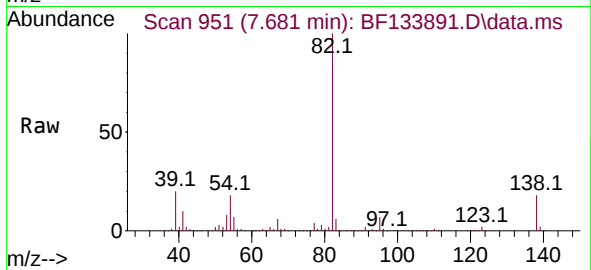
#25
Isophorone
Concen: 43.618 ng
RT: 7.681 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

Instrument :
BNA_F
ClientSampleId :
PB153533BS

Tgt Ion: 82 Resp: 619118
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 18.0 14.2 21.2

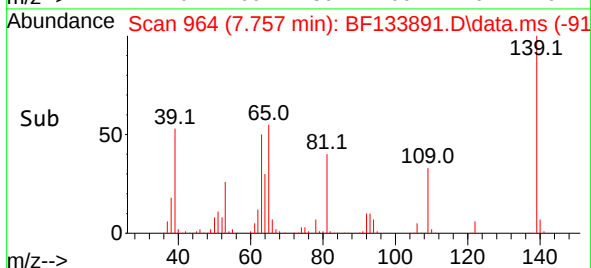
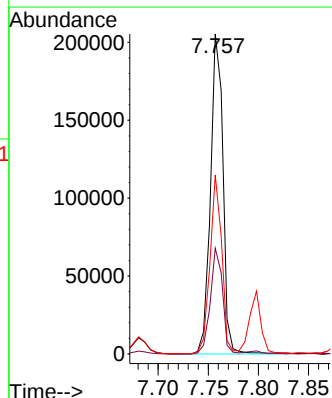
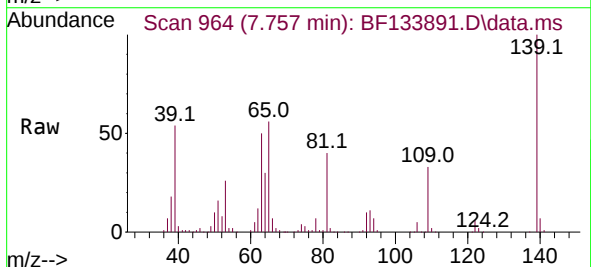
Manual Integrations
APPROVED

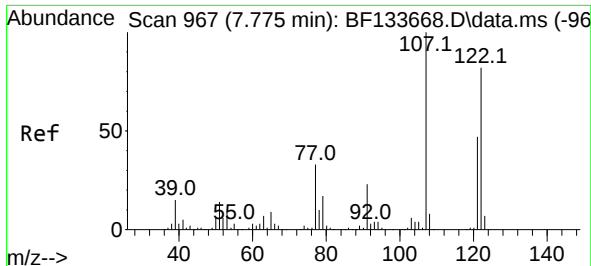
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#26
2-Nitrophenol
Concen: 51.015 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

Tgt Ion:139 Resp: 178243
Ion Ratio Lower Upper
139 100
109 33.0 27.0 40.6
65 55.9 44.2 66.4





#27
2,4-Dimethylphenol
Concen: 46.538 ng
RT: 7.798 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

Instrument :

BNA_F

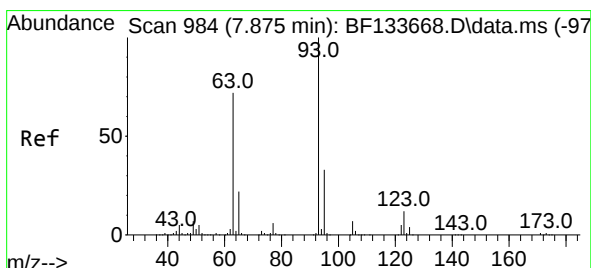
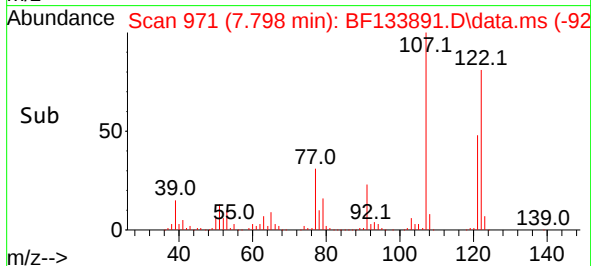
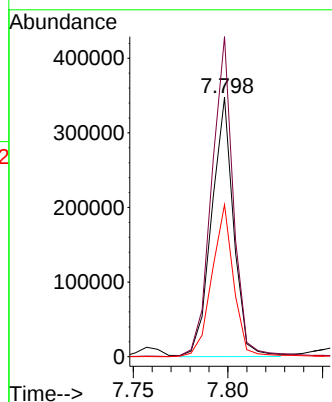
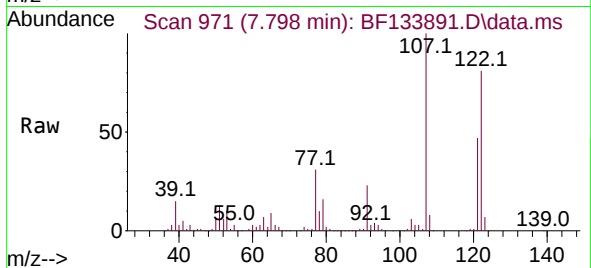
ClientSampleId :

PB153533BS

Tgt Ion:122 Resp: 28025
Ion Ratio Lower Upper
122 100
107 123.5 97.8 146.6
121 58.6 46.1 69.1

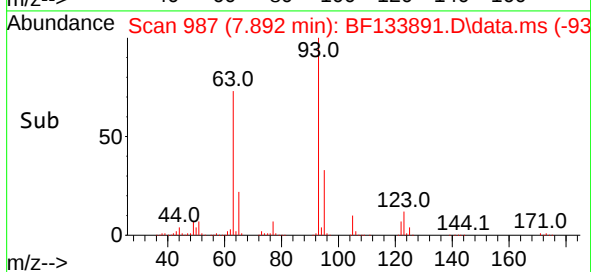
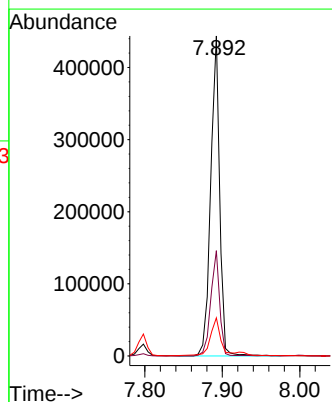
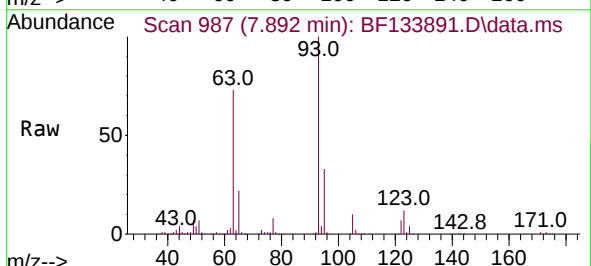
Manual Integrations
APPROVED

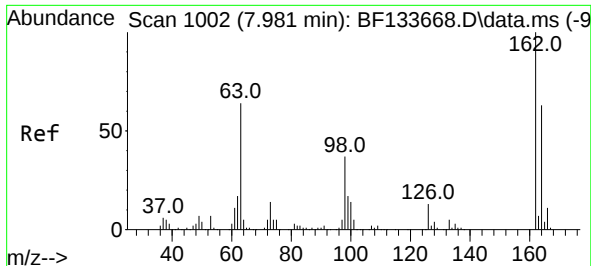
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#28
bis(2-Chloroethoxy)methane
Concen: 43.468 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

Tgt Ion: 93 Resp: 356603
Ion Ratio Lower Upper
93 100
95 32.9 26.4 39.6
123 11.9 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 45.215 ng

RT: 8.004 min Scan# 1006

Delta R.T. 0.006 min

Lab File: BF133891.D

Acq: 22 Jun 2023 09:31

Instrument :

BNA_F

ClientSampleId :

PB153533BS

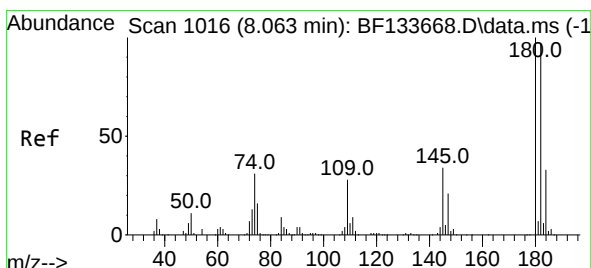
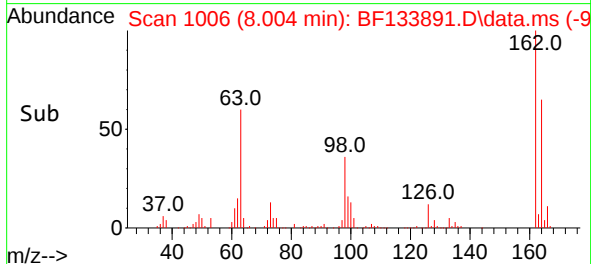
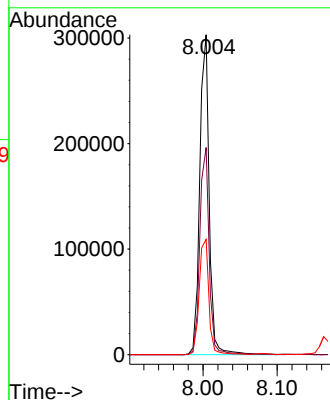
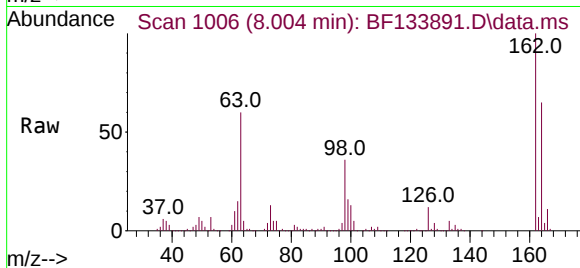
Tgt Ion:162 Resp: 26686
 Ion Ratio Lower Upper
 162 100
 164 64.8 43.4 83.4
 98 36.1 17.4 57.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#30

1,2,4-Trichlorobenzene

Concen: 45.669 ng

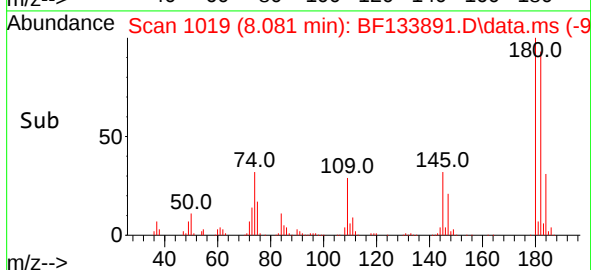
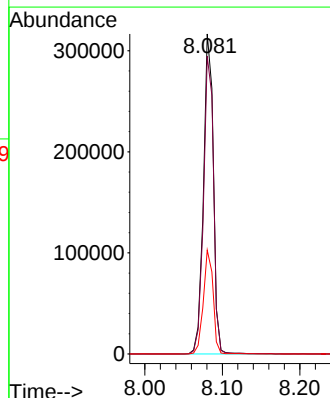
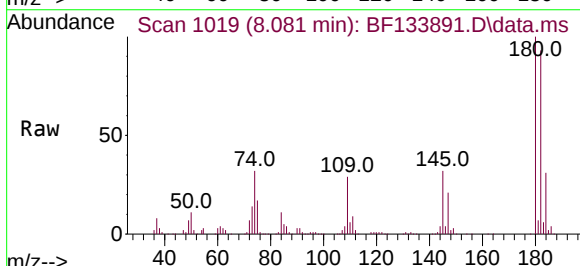
RT: 8.081 min Scan# 1019

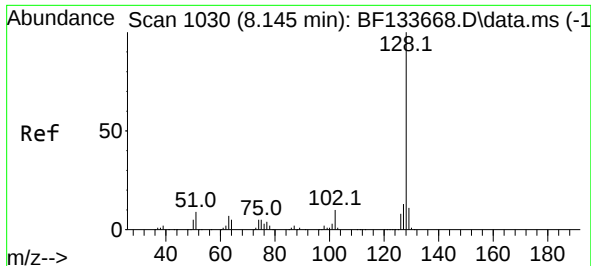
Delta R.T. 0.000 min

Lab File: BF133891.D

Acq: 22 Jun 2023 09:31

Tgt Ion:180 Resp: 281224
 Ion Ratio Lower Upper
 180 100
 182 93.0 77.8 116.8
 145 32.4 27.0 40.4





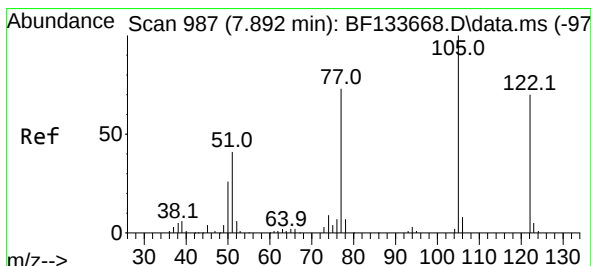
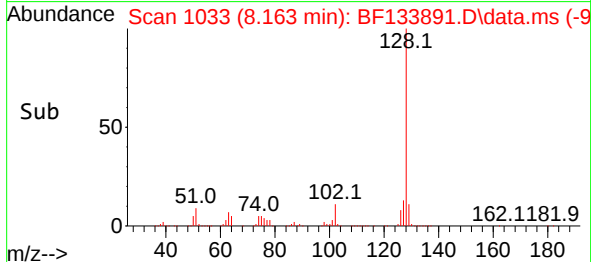
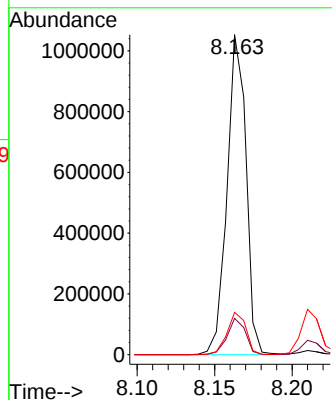
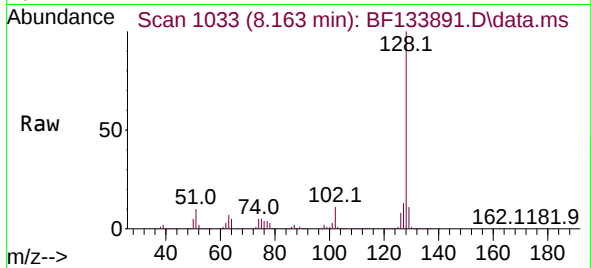
#31
Naphthalene
Concen: 43.748 ng
RT: 8.163 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

Instrument :
BNA_F
ClientSampleId :
PB153533BS

Tgt Ion:128 Resp: 897562
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.3 10.5 15.7

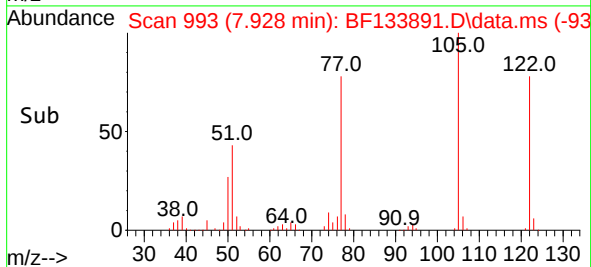
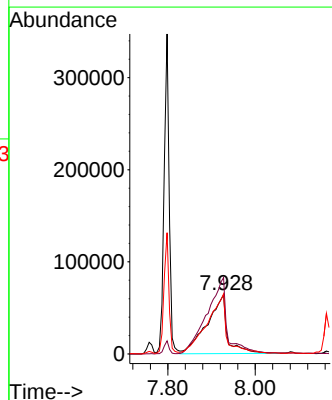
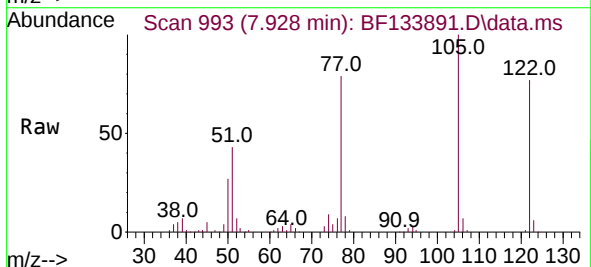
Manual Integrations
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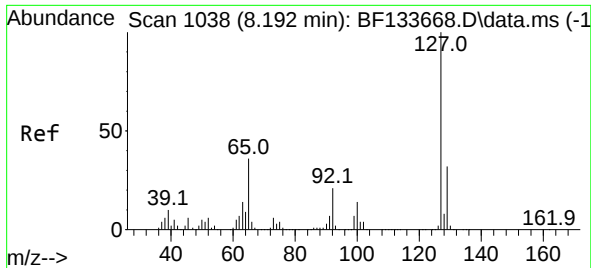
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#32
Benzoic acid
Concen: 54.974 ng
RT: 7.928 min Scan# 993
Delta R.T. 0.018 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

Tgt Ion:122 Resp: 208793
Ion Ratio Lower Upper
122 100
105 129.3 116.3 156.3
77 101.6 82.4 122.4





#33
4-Chloroaniline
Concen: 15.957 ng
RT: 8.210 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

Instrument :

BNA_F

ClientSampleId :

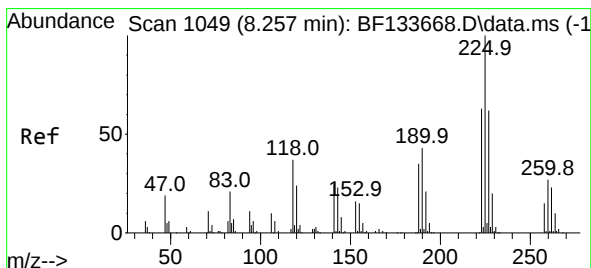
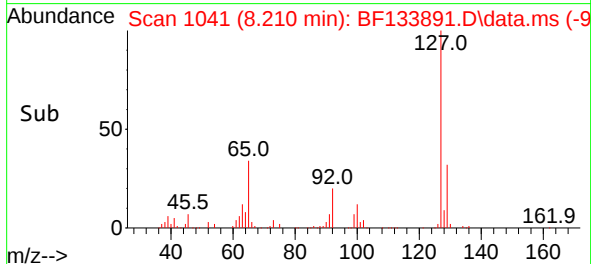
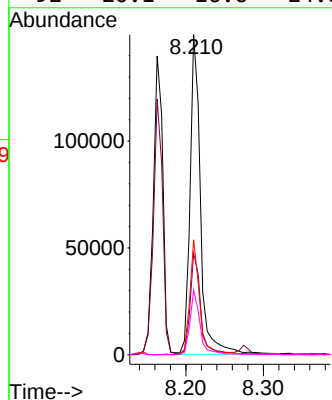
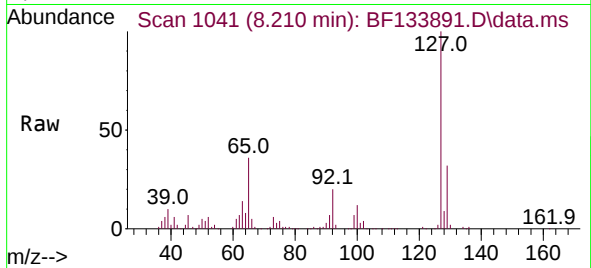
PB153533BS

Tgt Ion:127 Resp: 13998
Ion Ratio Lower Upper
127 100
129 31.7 25.6 38.4
65 35.9 28.9 43.3
92 20.1 16.6 24.8

Manual Integrations

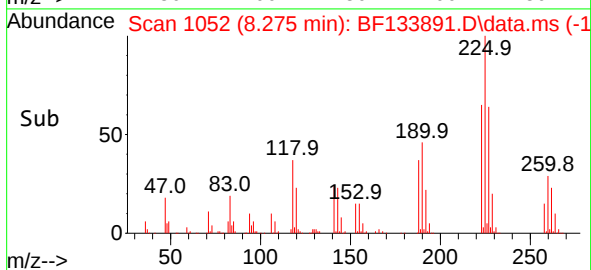
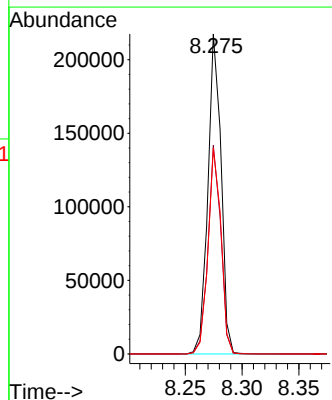
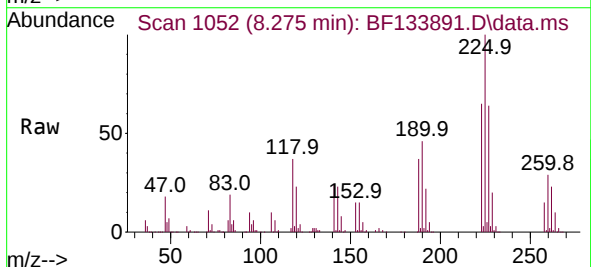
APPROVED

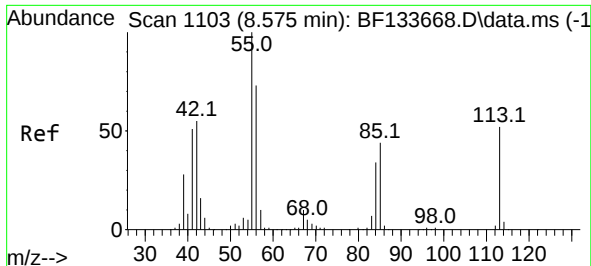
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#34
Hexachlorobutadiene
Concen: 43.301 ng
RT: 8.275 min Scan# 1052
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

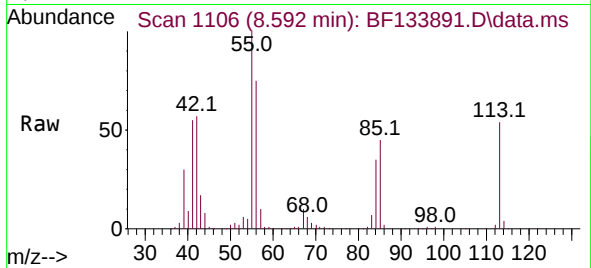
Tgt Ion:225 Resp: 174579
Ion Ratio Lower Upper
225 100
223 65.2 50.2 75.4
227 64.3 49.5 74.3





#35
Caprolactam
Concen: 48.491 ng m
RT: 8.592 min Scan# 1106
Delta R.T. 0.006 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

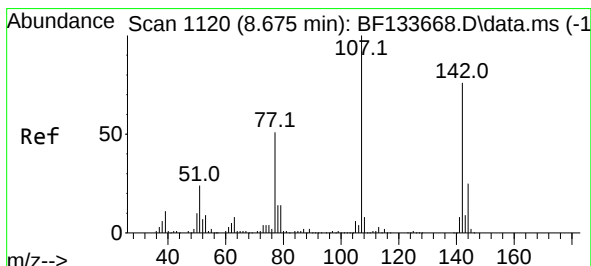
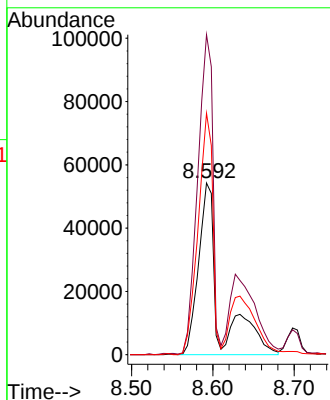
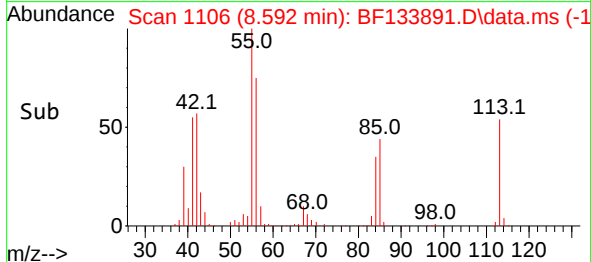
Instrument :
BNA_F
ClientSampleId :
PB153533BS



Tgt Ion:113 Resp: 96304
Ion Ratio Lower Upper
113 100
55 186.4 173.3 213.3
56 140.7 120.5 160.5

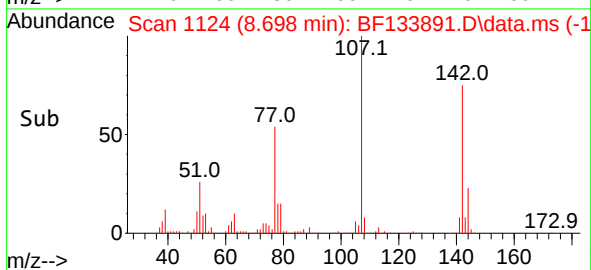
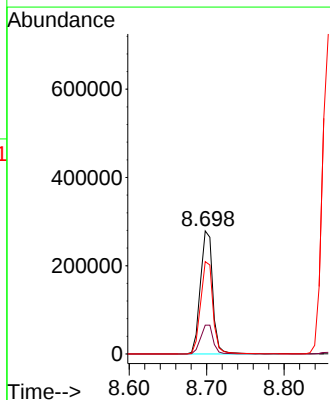
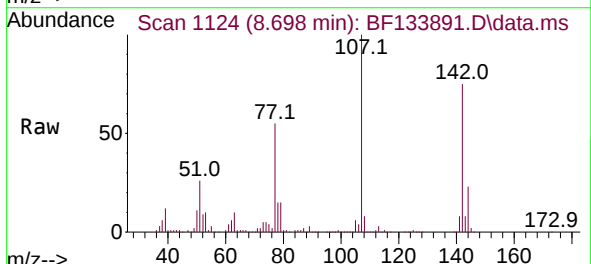
Manual Integrations
APPROVED

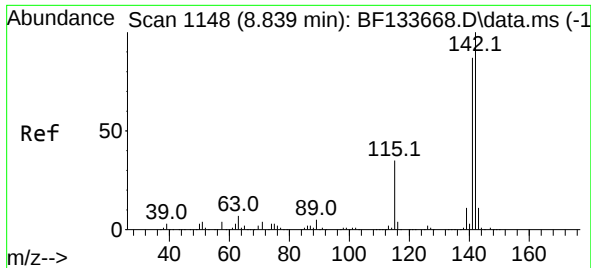
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#36
4-Chloro-3-methylphenol
Concen: 45.554 ng
RT: 8.698 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

Tgt Ion:107 Resp: 309909
Ion Ratio Lower Upper
107 100
144 23.4 19.7 29.5
142 75.1 61.1 91.7





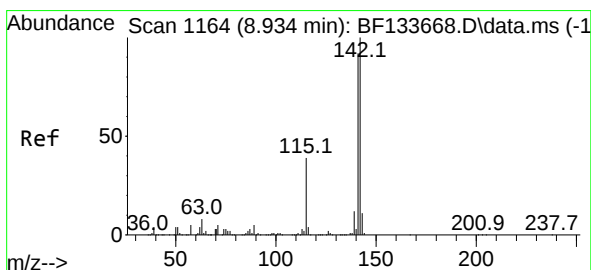
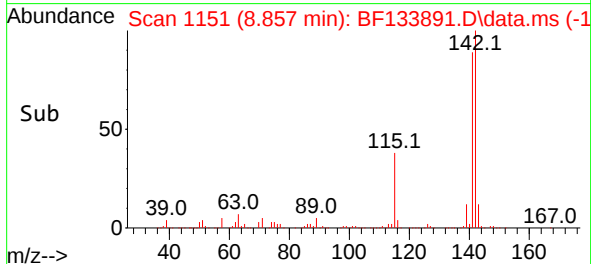
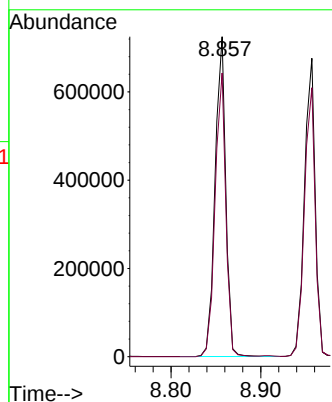
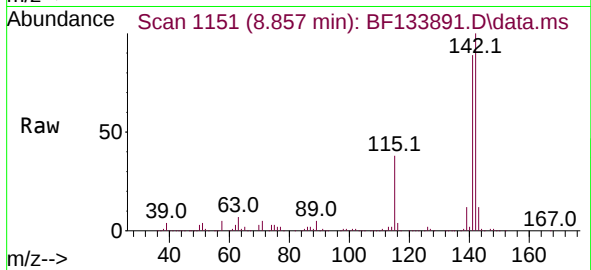
#37
2-Methylnaphthalene
Concen: 42.129 ng
RT: 8.857 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

Instrument :
BNA_F
ClientSampleId :
PB153533BS

Tgt Ion:142 Resp: 600558
Ion Ratio Lower Upper
142 100
141 88.7 69.8 104.8

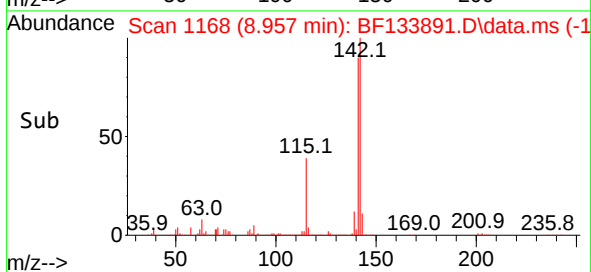
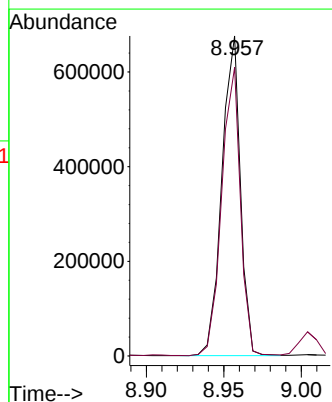
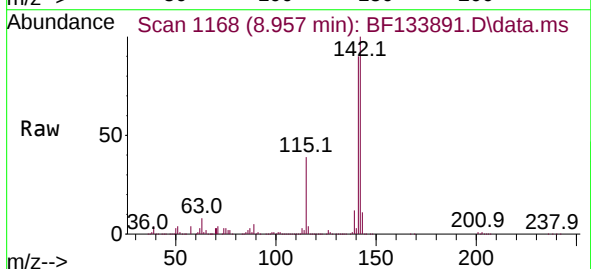
Manual Integrations
APPROVED

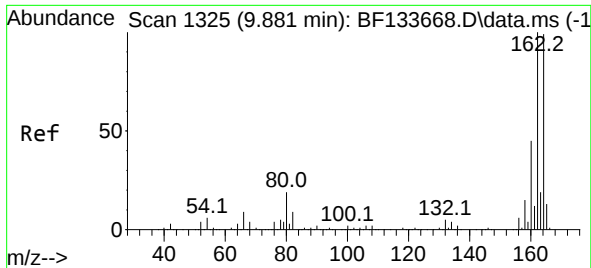
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#38
1-Methylnaphthalene
Concen: 42.833 ng
RT: 8.957 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

Tgt Ion:142 Resp: 561868
Ion Ratio Lower Upper
142 100
141 90.1 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1178

Delta R.T. 0.006 min

Lab File: BF133891.D

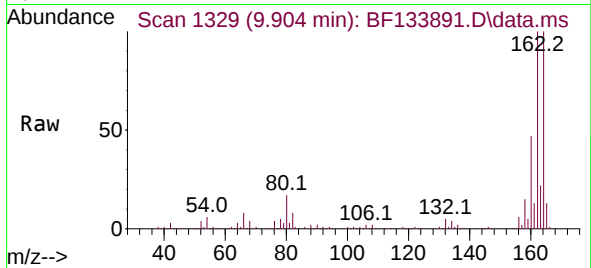
Acq: 22 Jun 2023 09:31

Instrument :

BNA_F

ClientSampleId :

PB153533BS



Tgt Ion:164 Resp: 212618

Ion Ratio Lower Upper

164 100

162 100.3 80.8 121.2

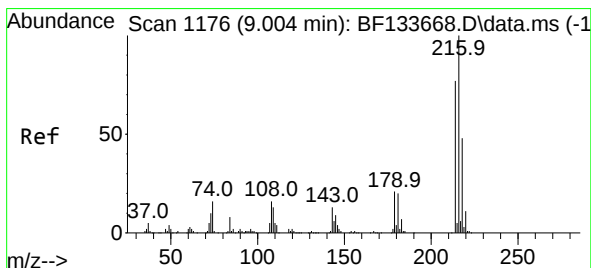
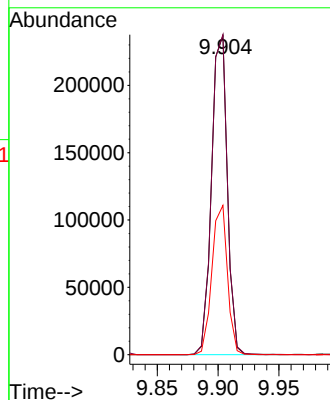
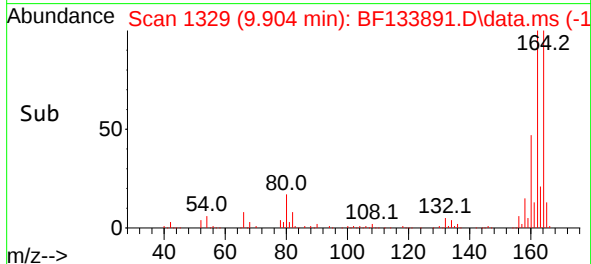
160 46.8 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.032 ng

RT: 9.022 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BF133891.D

Acq: 22 Jun 2023 09:31

Tgt Ion:216 Resp: 284612

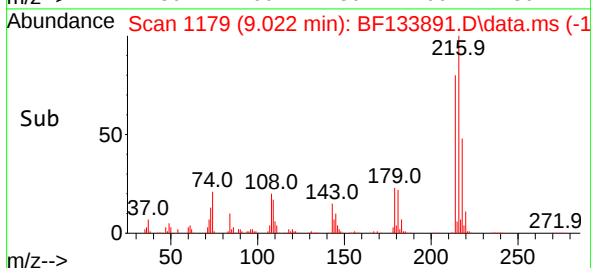
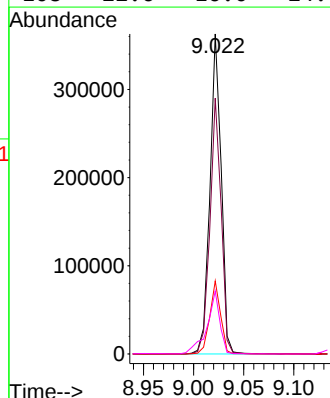
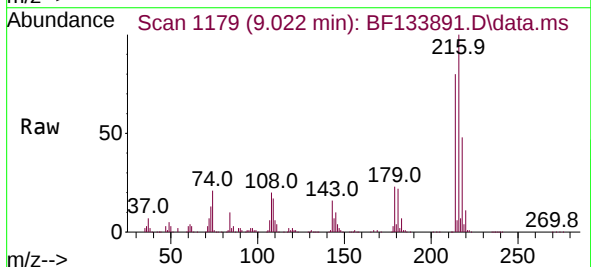
Ion Ratio Lower Upper

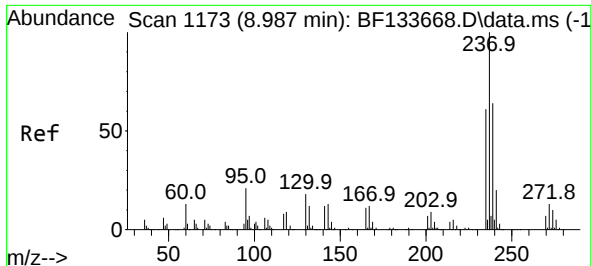
216 100

214 79.4 62.7 94.1

179 22.0 17.6 26.4

108 22.6 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 116.827 ng
RT: 9.004 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

Instrument :

BNA_F

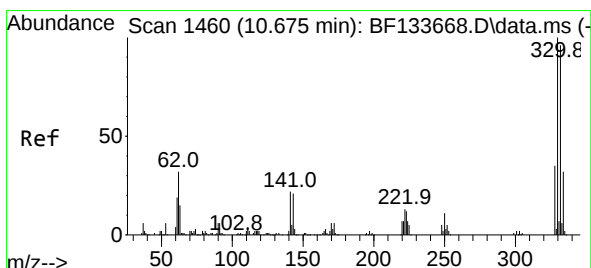
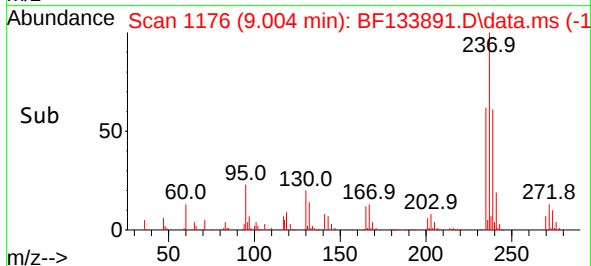
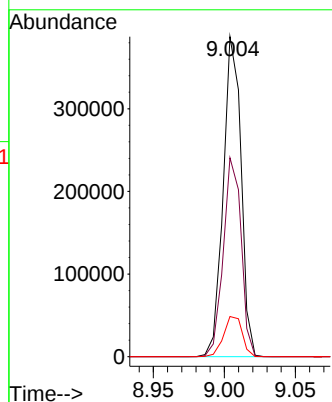
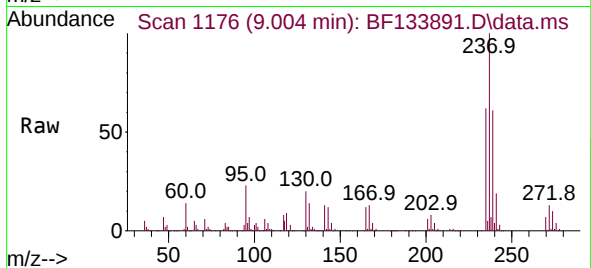
ClientSampleId :

PB153533BS

Tgt Ion:237 Resp: 33651
Ion Ratio Lower Upper
237 100
235 62.1 40.6 80.6
272 12.6 0.0 32.6

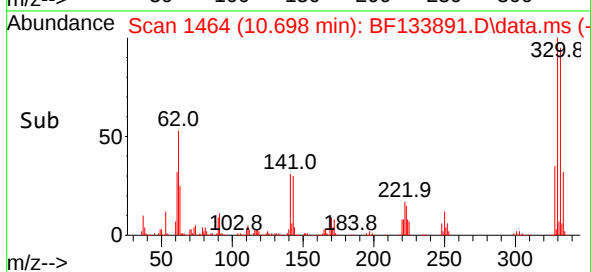
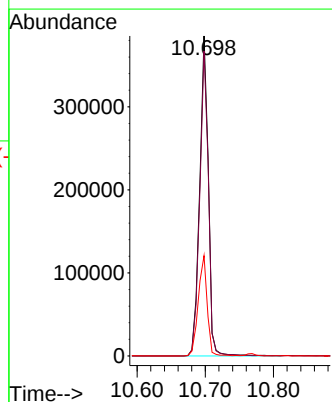
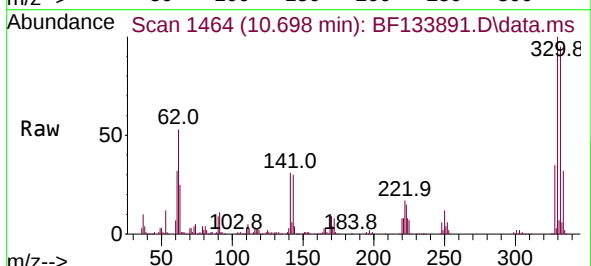
Manual Integrations
APPROVED

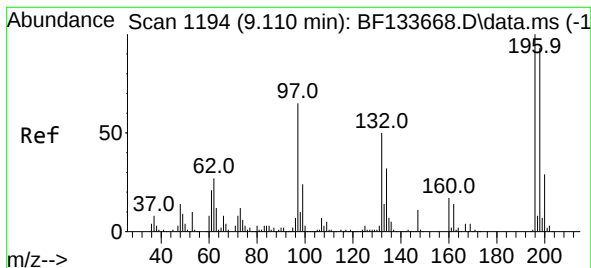
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#42
2,4,6-Tribromophenol
Concen: 126.988 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

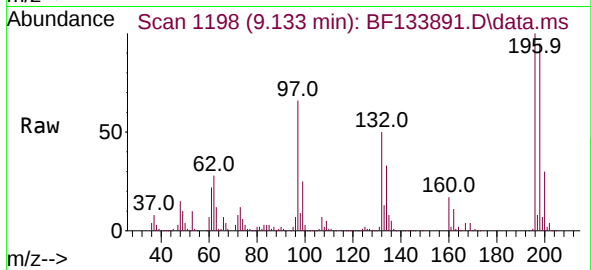
Tgt Ion:330 Resp: 341772
Ion Ratio Lower Upper
330 100
332 95.1 77.2 115.8
141 32.2 24.9 37.3





#43
2,4,6-Trichlorophenol
Concen: 45.341 ng
RT: 9.133 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

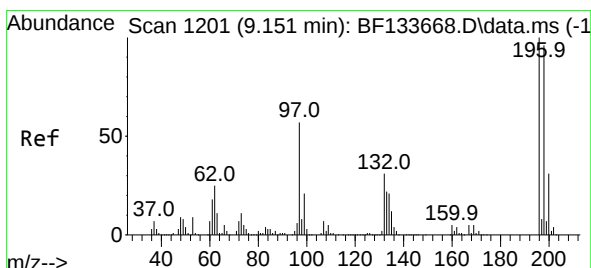
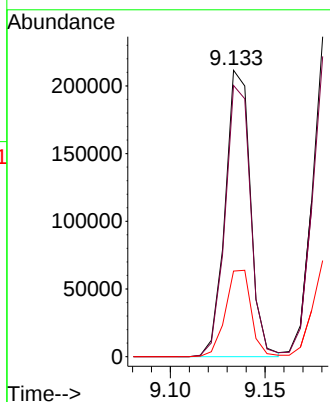
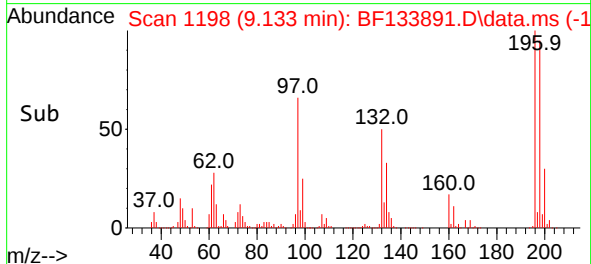
Instrument :
BNA_F
ClientSampleId :
PB153533BS



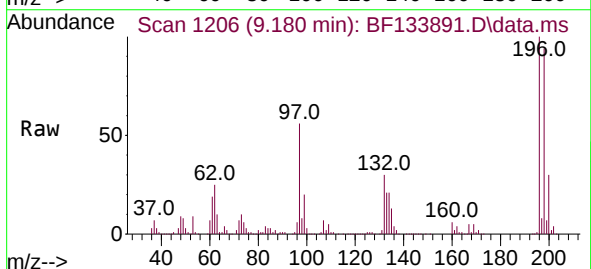
Tgt Ion:196 Resp: 19584
Ion Ratio Lower Upper
196 100
198 94.7 74.5 111.7
200 29.9 22.9 34.3

Manual Integrations
APPROVED

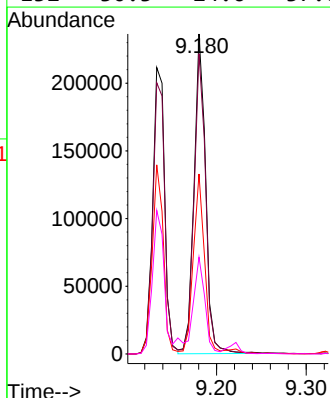
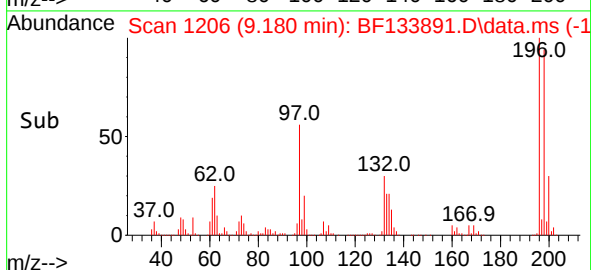
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

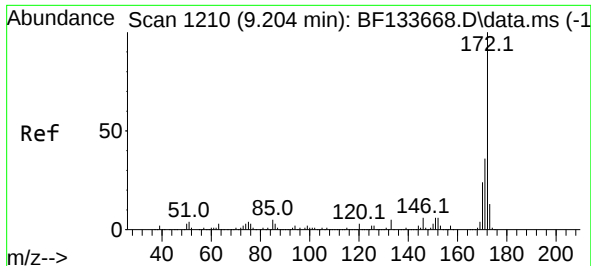


#44
2,4,5-Trichlorophenol
Concen: 42.334 ng
RT: 9.180 min Scan# 1206
Delta R.T. 0.006 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31



Tgt Ion:196 Resp: 212732
Ion Ratio Lower Upper
196 100
198 93.9 76.8 115.2
97 56.3 45.4 68.2
132 30.3 24.6 37.0





#45

2-Fluorobiphenyl

Concen: 82.742 ng

RT: 9.222 min Scan# 1213

Delta R.T. 0.000 min

Lab File: BF133891.D

Acq: 22 Jun 2023 09:31

Instrument :

BNA_F

ClientSampleId :

PB153533BS

Tgt Ion:172 Resp: 123758

Ion Ratio Lower Upper

172 100

171 36.4 28.6 43.0

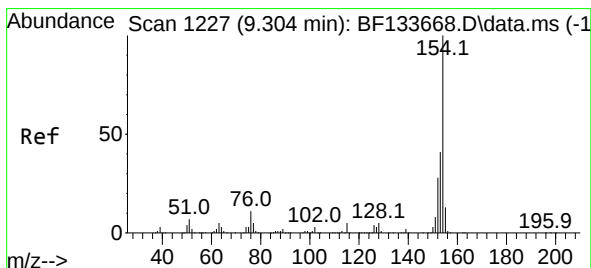
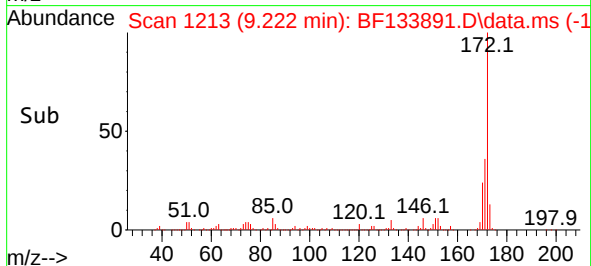
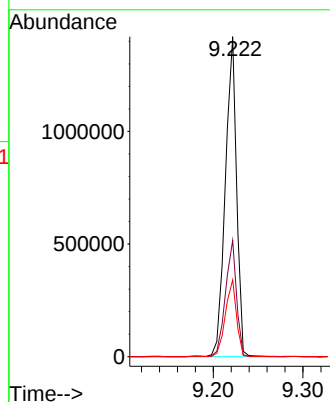
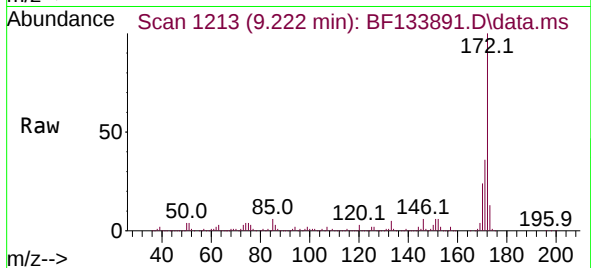
170 24.0 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#46

1,1'-Biphenyl

Concen: 44.044 ng

RT: 9.322 min Scan# 1230

Delta R.T. 0.000 min

Lab File: BF133891.D

Acq: 22 Jun 2023 09:31

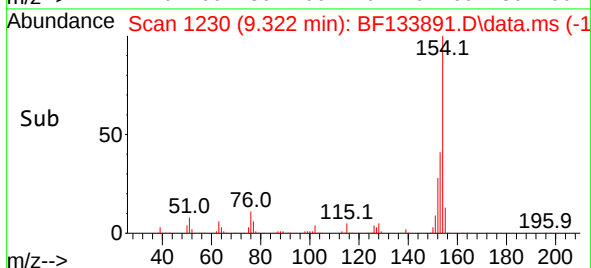
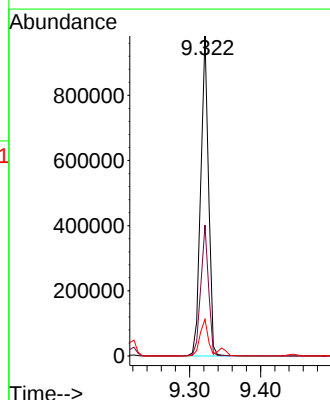
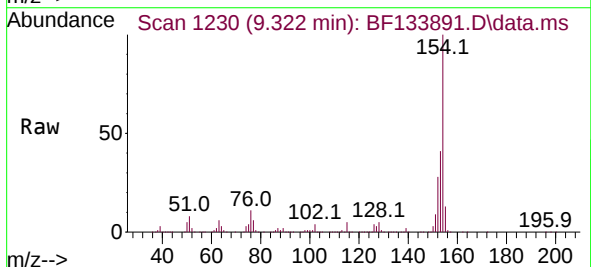
Tgt Ion:154 Resp: 755262

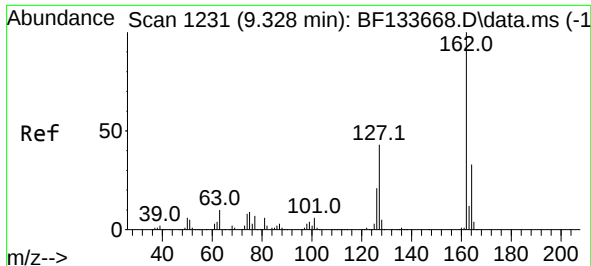
Ion Ratio Lower Upper

154 100

153 40.9 20.6 60.6

76 11.4 0.0 31.0





#47

2-Chloronaphthalene

Concen: 45.703 ng

RT: 9.345 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133891.D

Acq: 22 Jun 2023 09:31

Instrument :

BNA_F

ClientSampleId :

PB153533BS

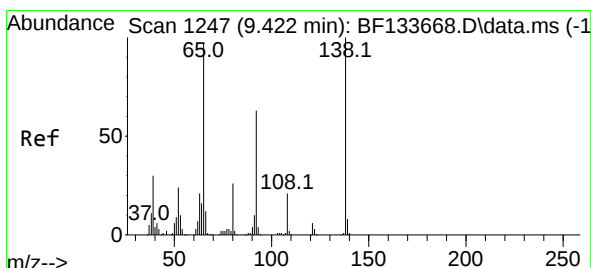
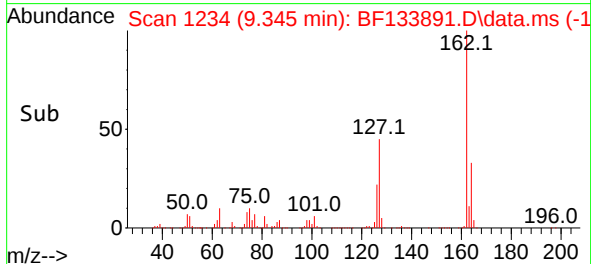
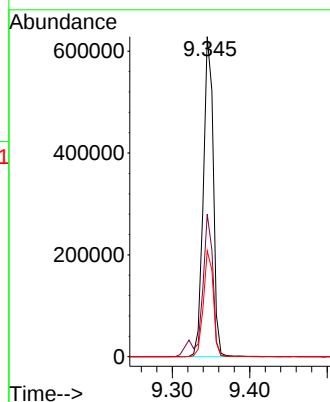
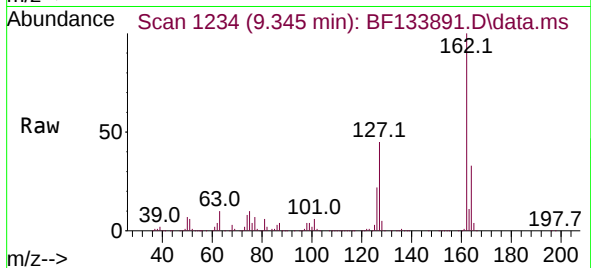
Tgt Ion:162 Resp: 562164
 Ion Ratio Lower Upper
 162 100
 127 44.6 34.6 52.0
 164 33.1 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#48

2-Nitroaniline

Concen: 46.737 ng

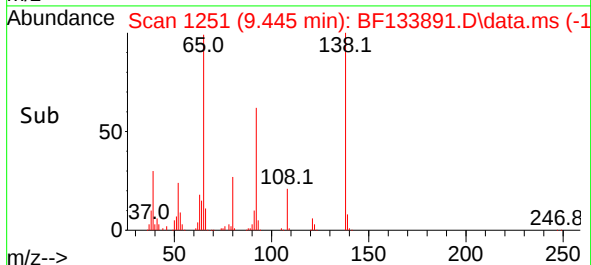
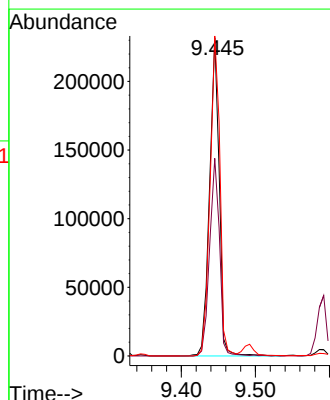
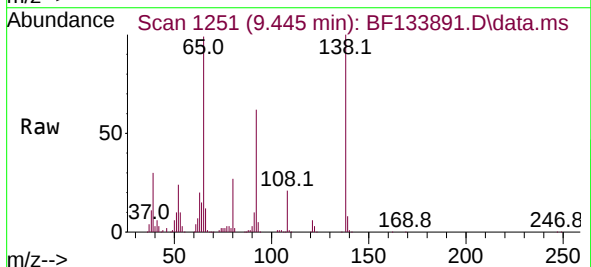
RT: 9.445 min Scan# 1251

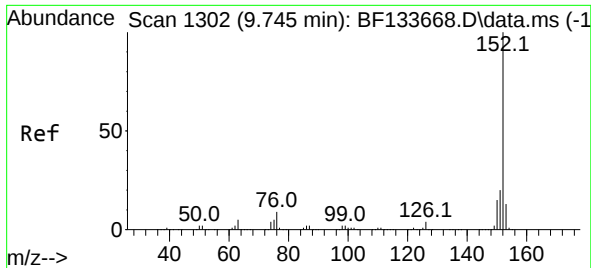
Delta R.T. 0.000 min

Lab File: BF133891.D

Acq: 22 Jun 2023 09:31

Tgt Ion: 65 Resp: 210253
 Ion Ratio Lower Upper
 65 100
 92 62.1 51.8 77.6
 138 100.6 82.1 123.1





#49
Acenaphthylene
Concen: 43.554 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

Instrument :

BNA_F

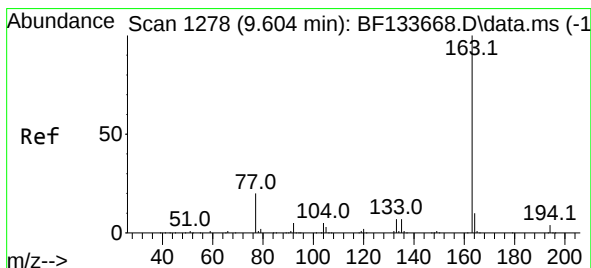
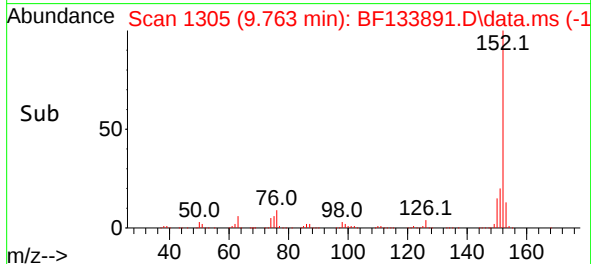
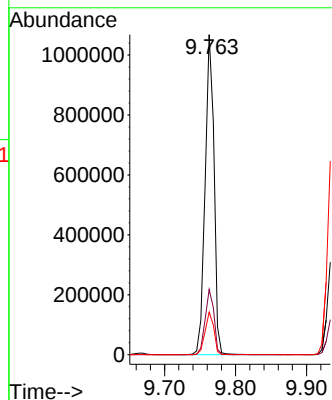
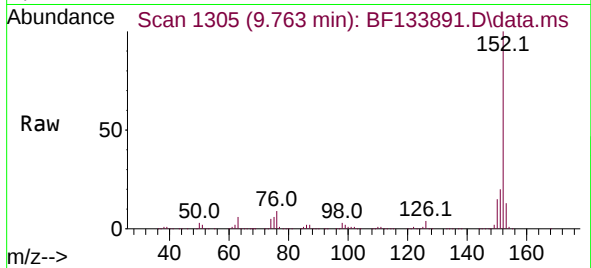
ClientSampleId :

PB153533BS

Tgt Ion:152 Resp: 932460
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.3 10.4 15.6

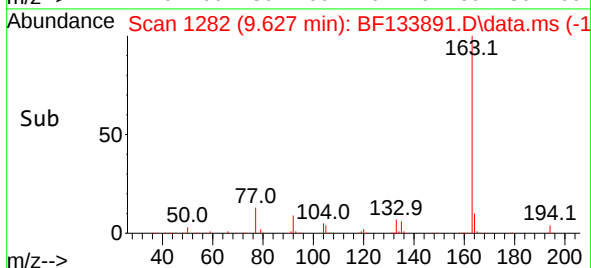
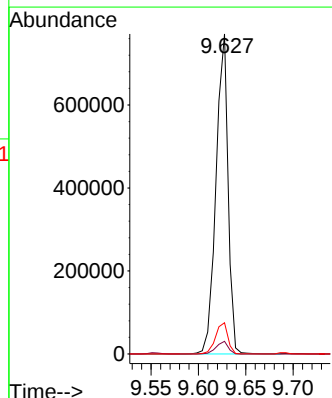
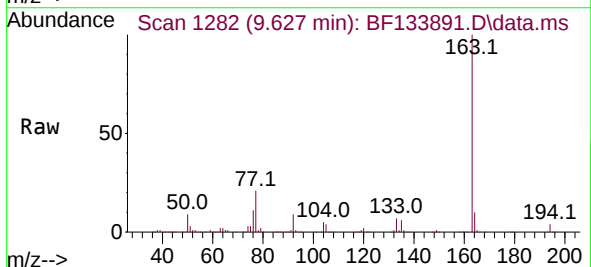
Manual Integrations
APPROVED

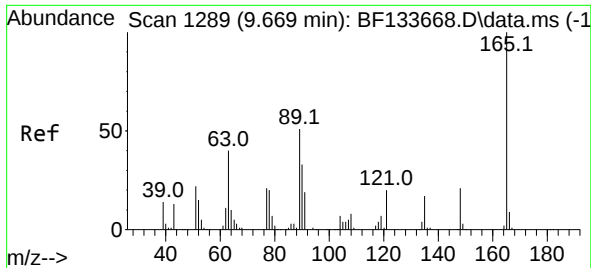
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#50
Dimethylphthalate
Concen: 42.897 ng
RT: 9.627 min Scan# 1282
Delta R.T. 0.006 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

Tgt Ion:163 Resp: 680792
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 9.7 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 46.254 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.006 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

Instrument :

BNA_F

ClientSampleId :

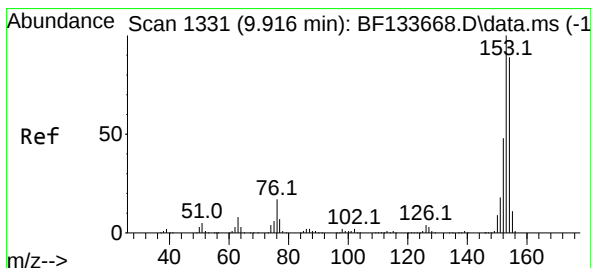
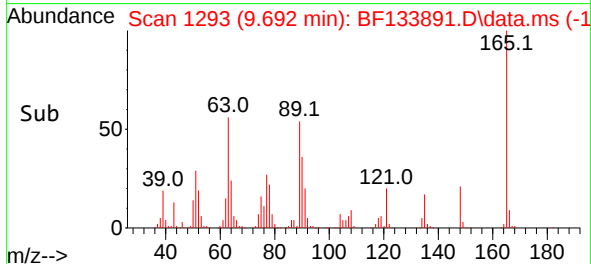
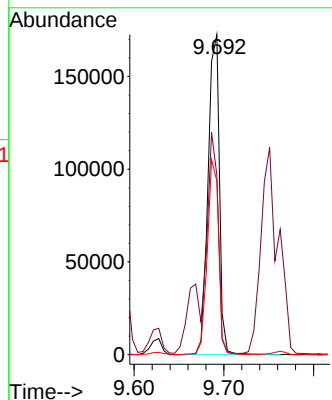
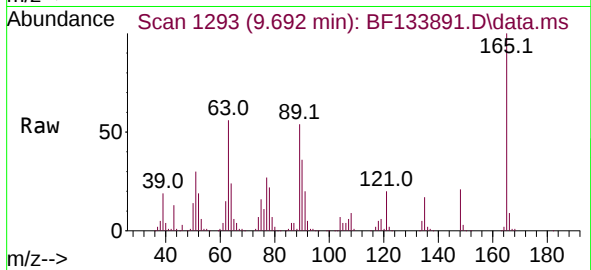
PB153533BS

Tgt Ion:165 Resp: 15151
Ion Ratio Lower Upper
165 100
63 56.1 42.1 63.1
89 54.3 40.9 61.3

Manual Integrations

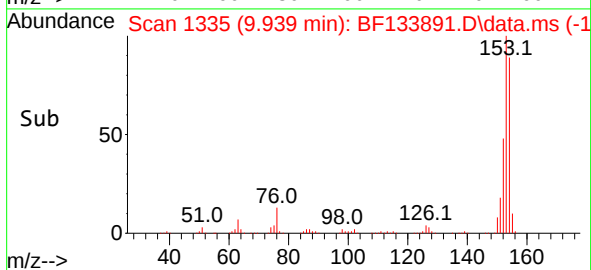
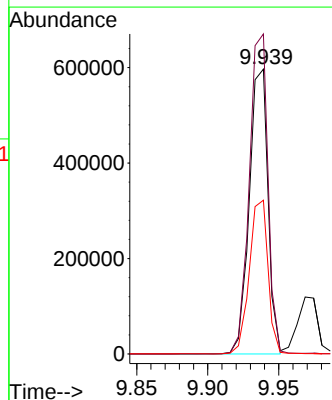
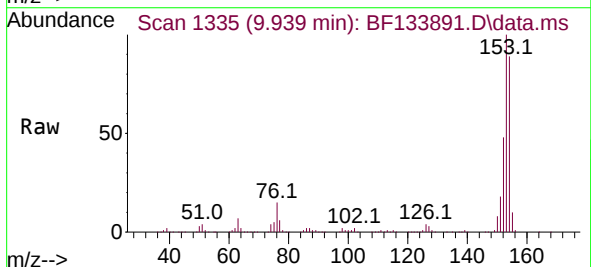
APPROVED

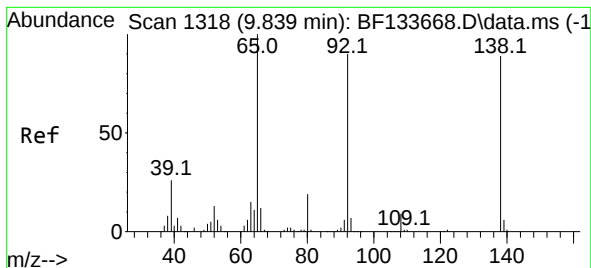
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#52
Acenaphthene
Concen: 43.692 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

Tgt Ion:154 Resp: 547528
Ion Ratio Lower Upper
154 100
153 112.4 89.8 134.8
152 54.0 43.4 65.2





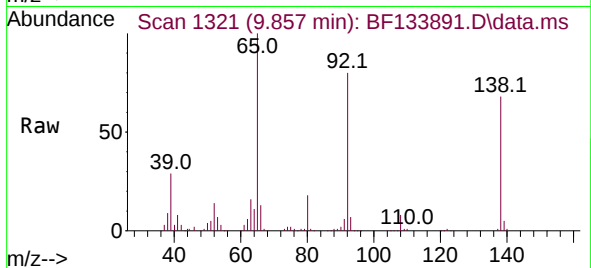
#53
3-Nitroaniline
Concen: 30.037 ng
RT: 9.857 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

Instrument :

BNA_F

ClientSampleId :

PB153533BS

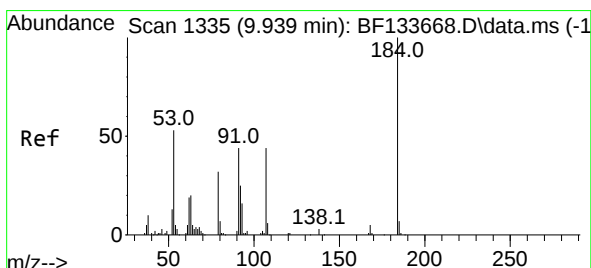
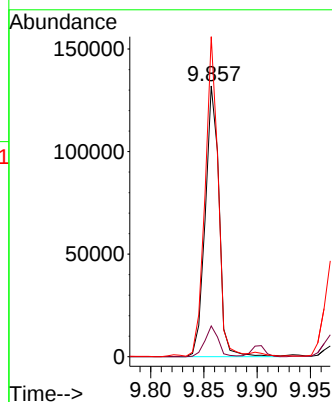
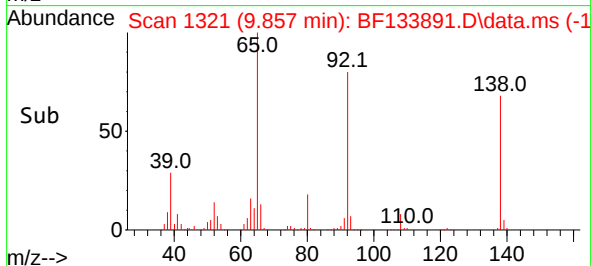


Tgt Ion:138 Resp: 119738
Ion Ratio Lower Upper
138 100
108 11.3 8.2 12.4
92 118.2 81.0 121.6

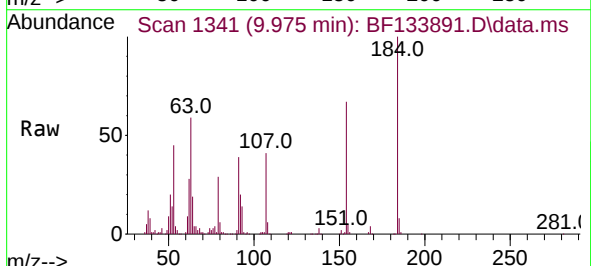
Manual Integrations

APPROVED

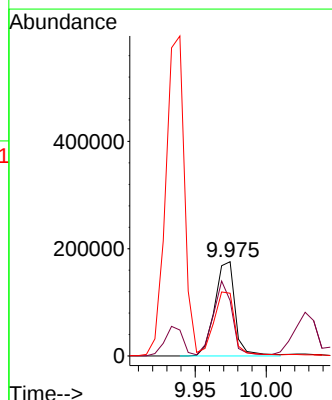
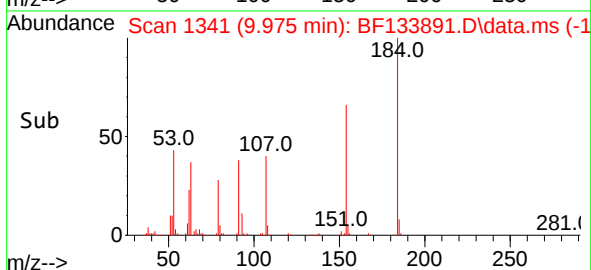
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

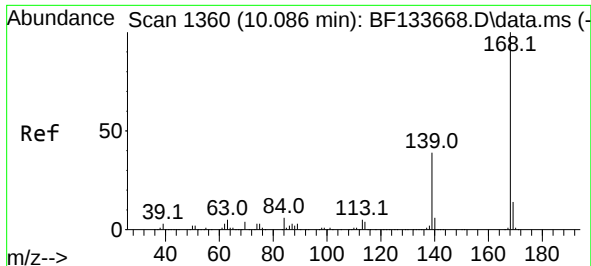


#54
2,4-Dinitrophenol
Concen: 107.372 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31



Tgt Ion:184 Resp: 175246
Ion Ratio Lower Upper
184 100
63 58.7 55.3 82.9
154 66.6 51.9 77.9





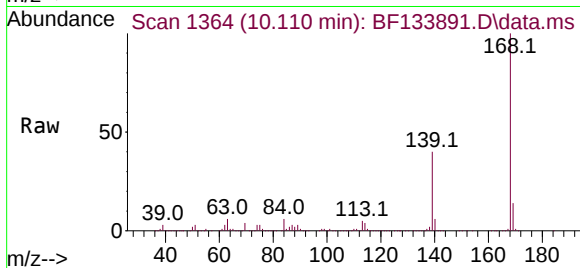
#55
Dibenzenofuran
Concen: 43.768 ng
RT: 10.110 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

Instrument :

BNA_F

ClientSampleId :

PB153533BS

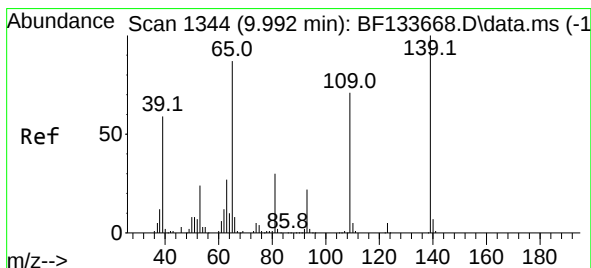
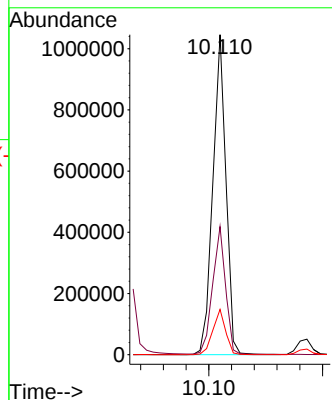
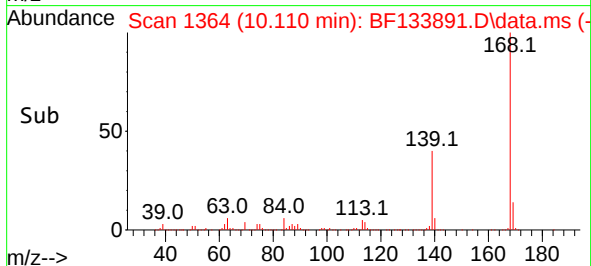


Tgt Ion:168 Resp: 836912
Ion Ratio Lower Upper
168 100
139 40.1 30.9 46.3
169 14.2 10.9 16.3

Manual Integrations

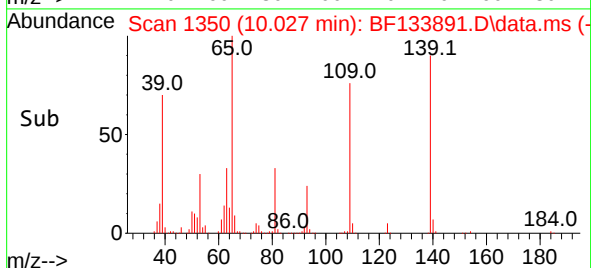
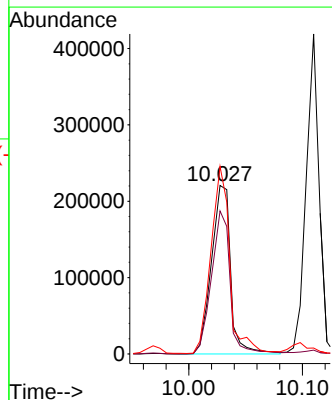
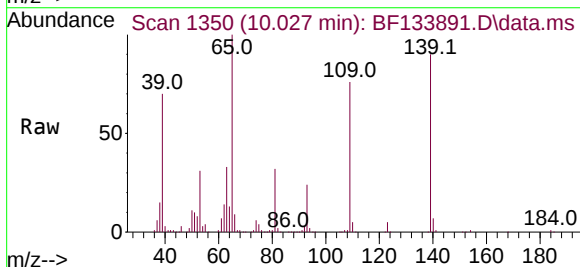
APPROVED

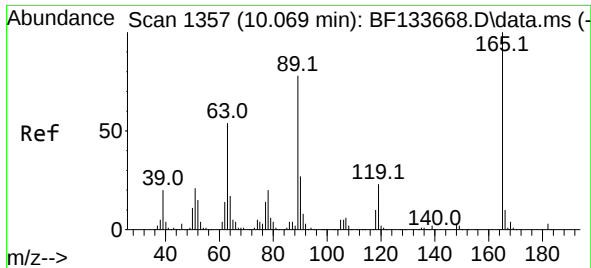
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#56
4-Nitrophenol
Concen: 96.163 ng
RT: 10.027 min Scan# 1350
Delta R.T. 0.006 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

Tgt Ion:139 Resp: 258715
Ion Ratio Lower Upper
139 100
109 84.9 50.7 90.7
65 111.3 67.1 107.1#





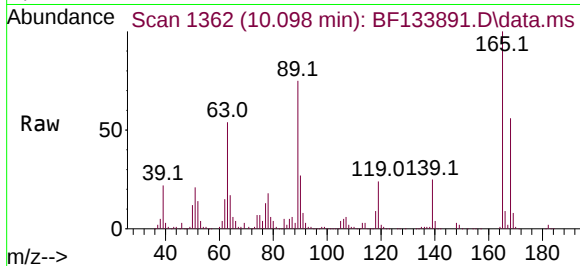
#57
2,4-Dinitrotoluene
Concen: 49.060 ng
RT: 10.098 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

Instrument :

BNA_F

ClientSampleId :

PB153533BS

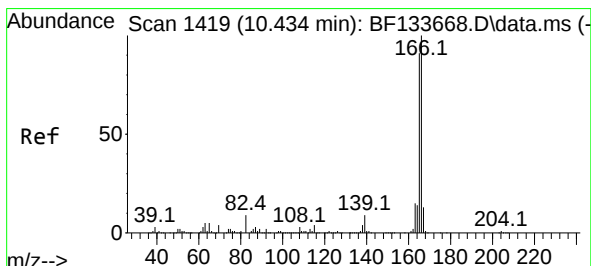
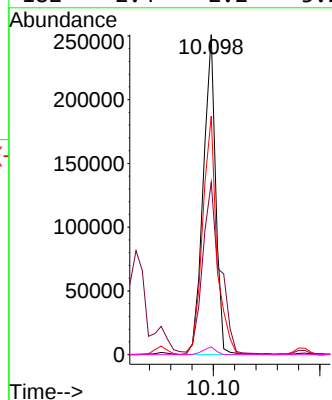
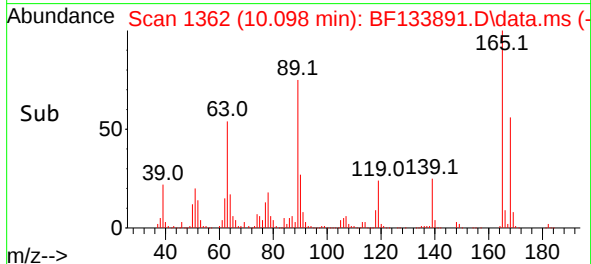


Tgt Ion:165 Resp: 204388
Ion Ratio Lower Upper
165 100
63 53.9 43.0 64.6
89 74.5 62.6 93.8
182 2.4 2.2 3.2

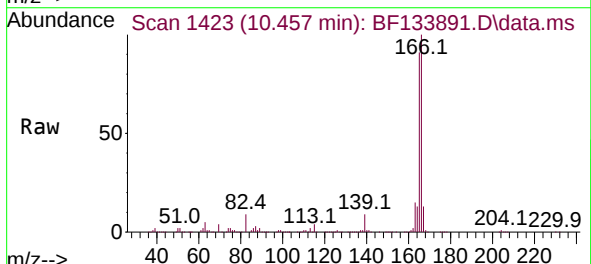
Manual Integrations

APPROVED

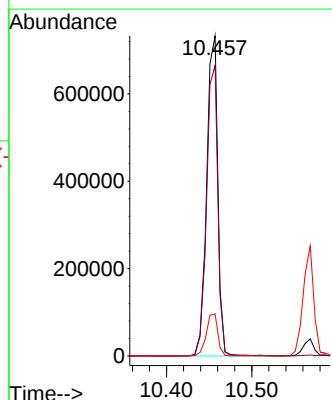
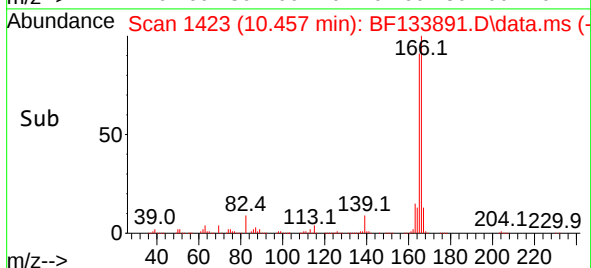
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

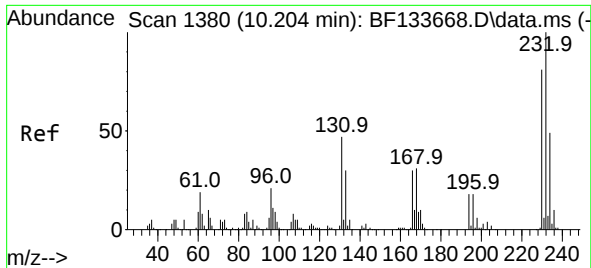


#58
Fluorene
Concen: 45.453 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31



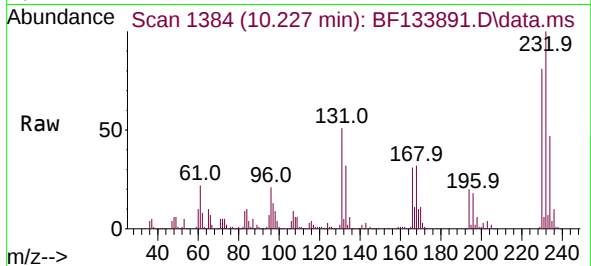
Tgt Ion:166 Resp: 664664
Ion Ratio Lower Upper
166 100
165 90.8 73.1 109.7
167 13.1 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.969 ng
RT: 10.227 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

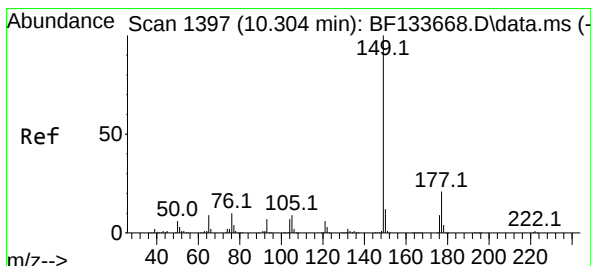
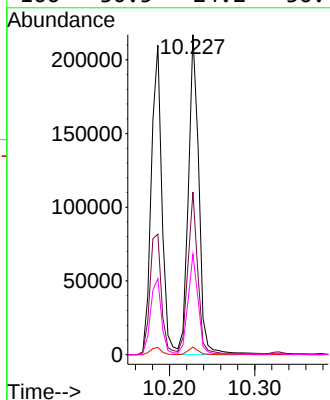
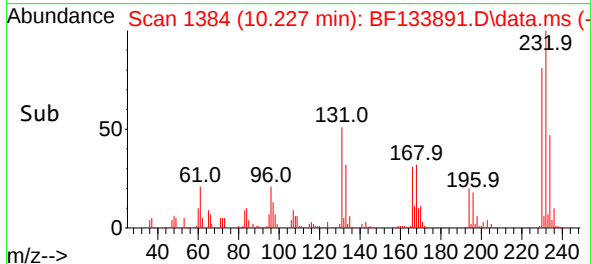
Instrument :
BNA_F
ClientSampleId :
PB153533BS



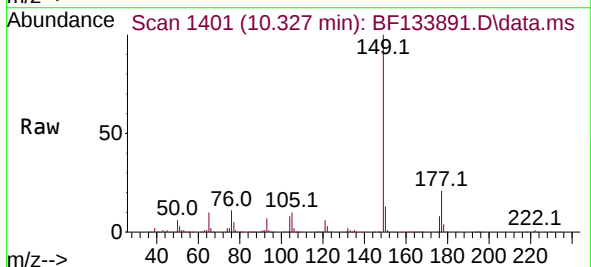
Tgt Ion:232 Resp: 184229
Ion Ratio Lower Upper
232 100
131 48.3 38.0 57.0
130 2.3 1.8 2.8
166 30.5 24.2 36.4

Manual Integrations
APPROVED

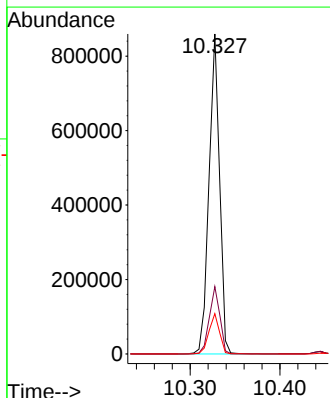
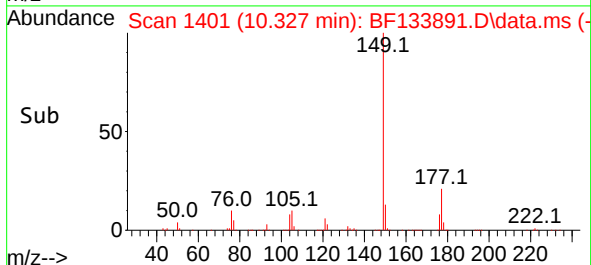
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

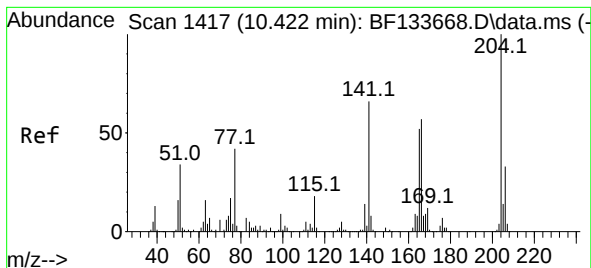


#60
Diethylphthalate
Concen: 43.474 ng
RT: 10.327 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31



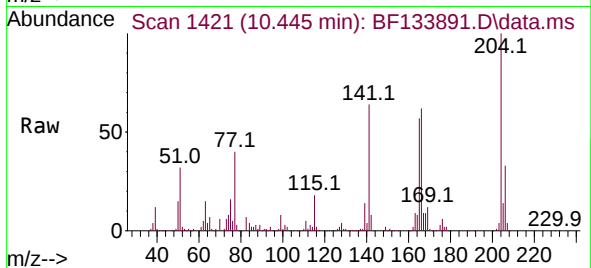
Tgt Ion:149 Resp: 702199
Ion Ratio Lower Upper
149 100
177 21.0 17.0 25.6
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 43.285 ng
RT: 10.445 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

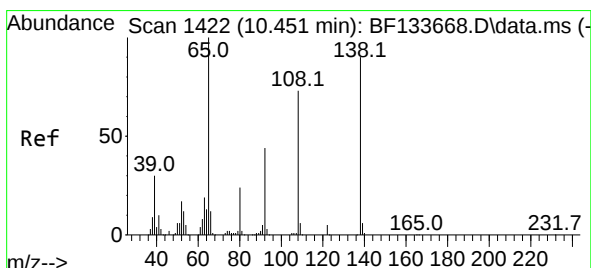
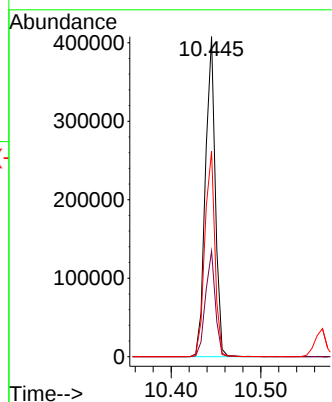
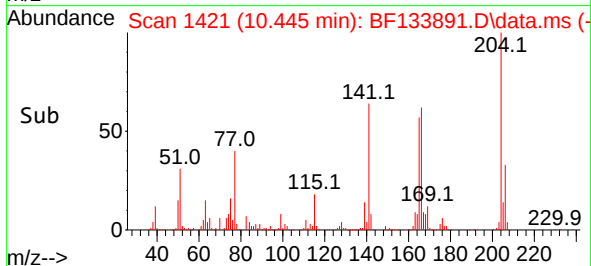
Instrument :
BNA_F
ClientSampleId :
PB153533BS



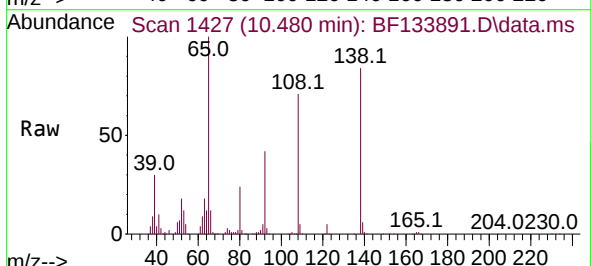
Tgt Ion:204 Resp: 31247
Ion Ratio Lower Upper
204 100
206 33.0 26.4 39.6
141 64.1 52.8 79.2

Manual Integrations
APPROVED

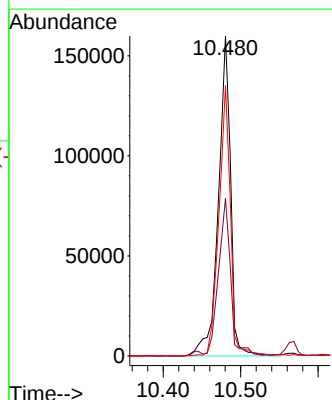
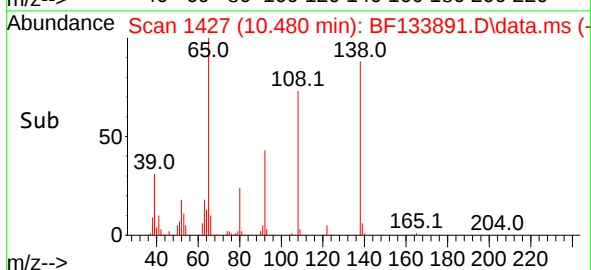
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

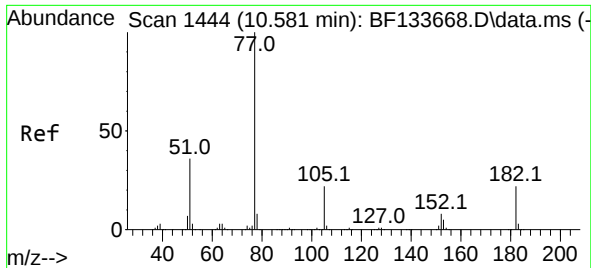


#62
4-Nitroaniline
Concen: 44.769 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31



Tgt Ion:138 Resp: 174983
Ion Ratio Lower Upper
138 100
92 49.3 28.9 68.9
108 84.5 61.0 101.0





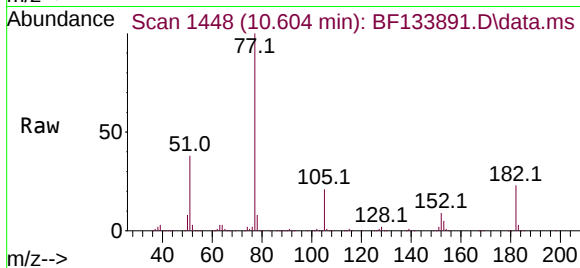
#63
Azobenzene
Concen: 43.658 ng
RT: 10.604 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

Instrument :

BNA_F

ClientSampleId :

PB153533BS



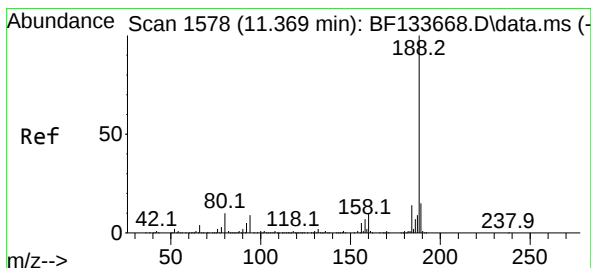
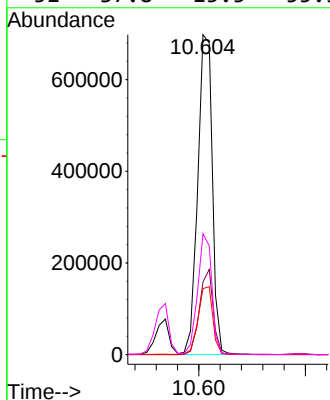
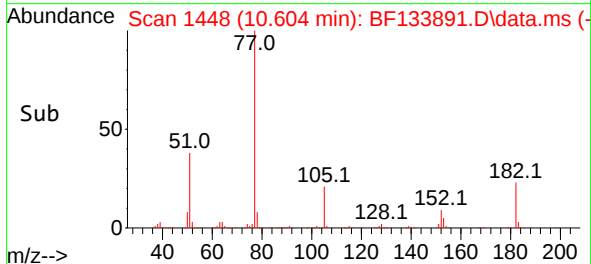
Tgt Ion: 77 Resp: 66755
Ion Ratio Lower Upper
77 100
182 22.7 1.6 41.6
105 20.7 1.6 41.6
51 37.8 15.5 55.5

Manual Integrations

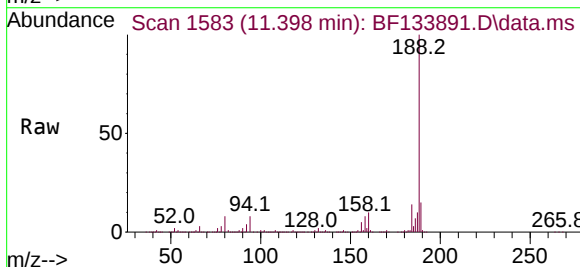
APPROVED

Reviewed By :Yogesh Patel 06/23/2023

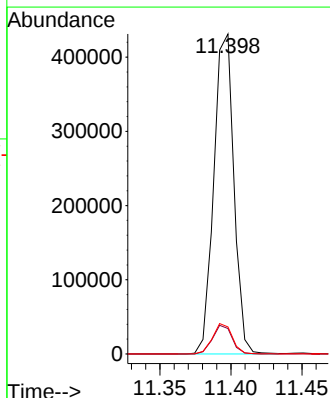
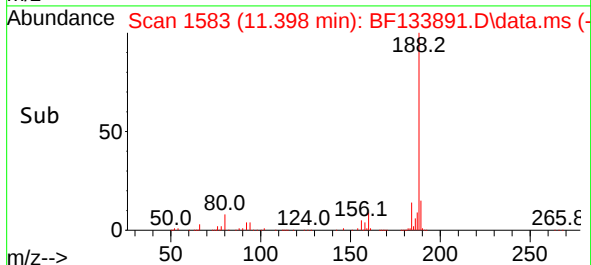
Supervised By :mohammad ahmed 06/23/2023

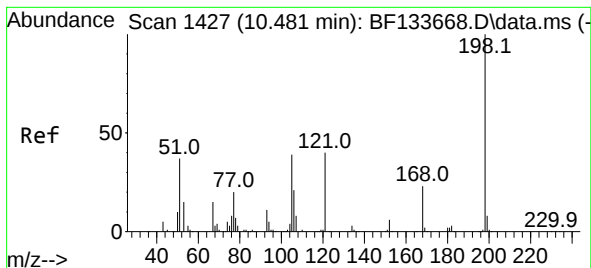


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31



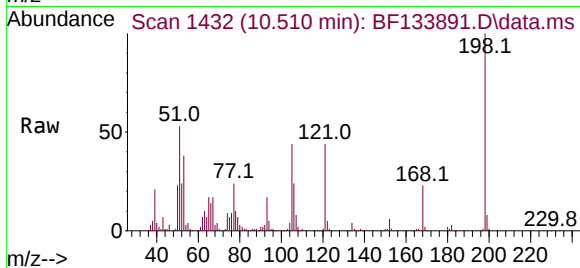
Tgt Ion:188 Resp: 424580
Ion Ratio Lower Upper
188 100
94 8.0 6.8 10.2
80 8.5 7.8 11.6





#65
4,6-Dinitro-2-methylphenol
Concen: 57.025 ng
RT: 10.510 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

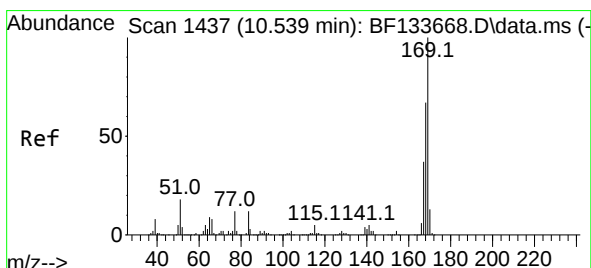
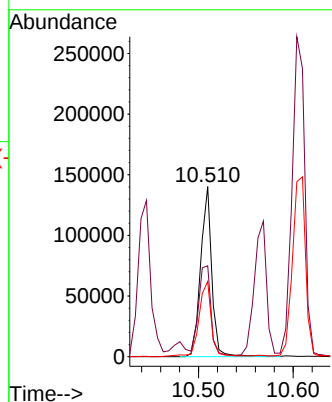
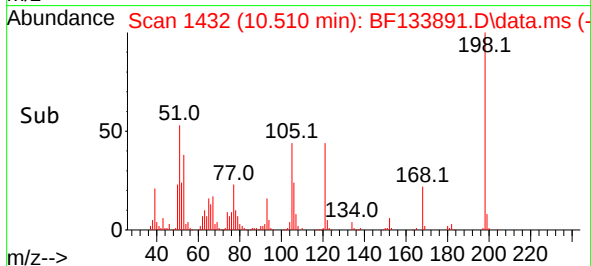
Instrument :
BNA_F
ClientSampleId :
PB153533BS



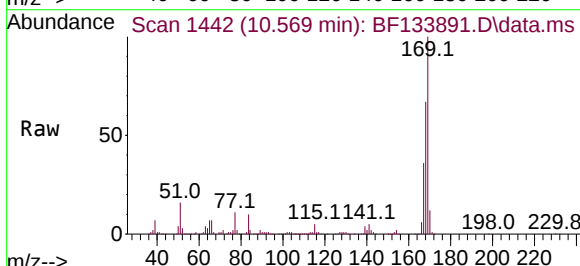
Tgt Ion:198 Resp: 115690
Ion Ratio Lower Upper
198 100
51 53.4 27.5 67.5
105 44.2 21.0 61.0

Manual Integrations
APPROVED

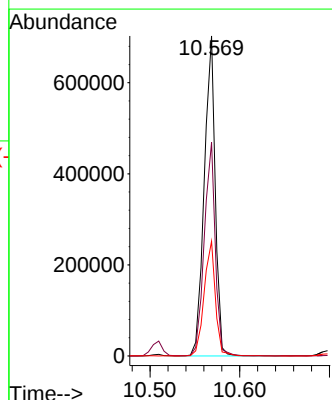
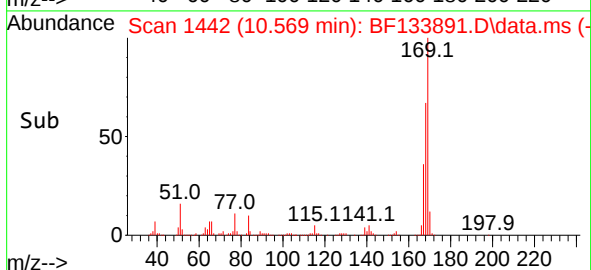
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

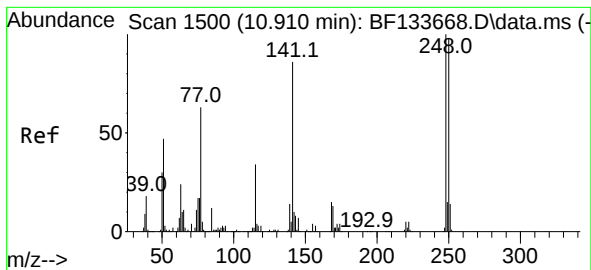


#66
n-Nitrosodiphenylamine
Concen: 42.008 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31



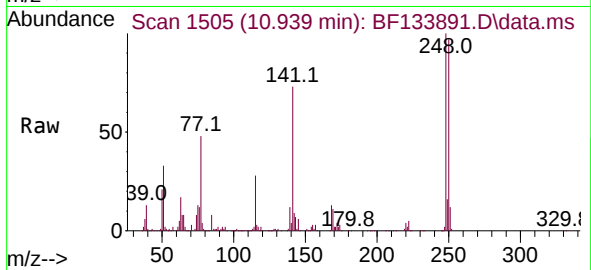
Tgt Ion:169 Resp: 599099
Ion Ratio Lower Upper
169 100
168 66.7 53.7 80.5
167 35.9 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 41.689 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

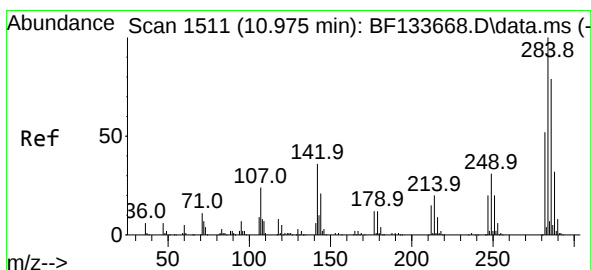
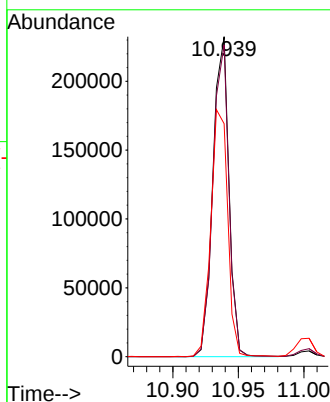
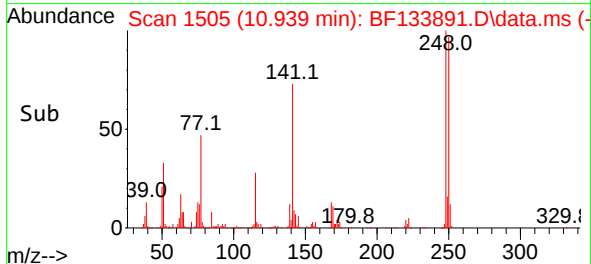
Instrument :
BNA_F
ClientSampleId :
PB153533BS



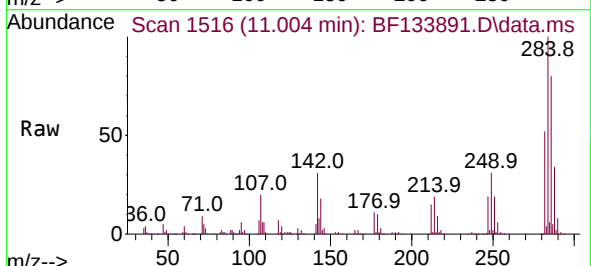
Tgt Ion:248 Resp: 197558
Ion Ratio Lower Upper
248 100
250 97.5 78.3 117.5
141 72.8 69.0 103.6

Manual Integrations
APPROVED

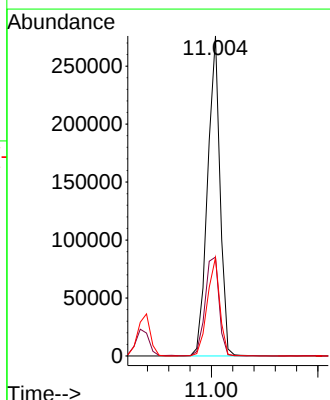
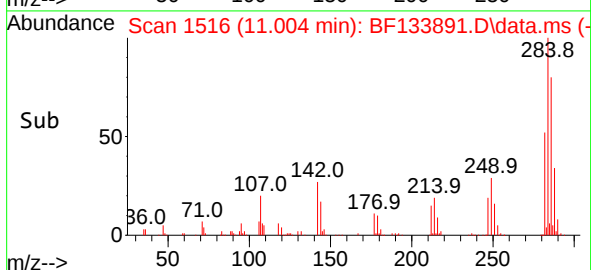
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

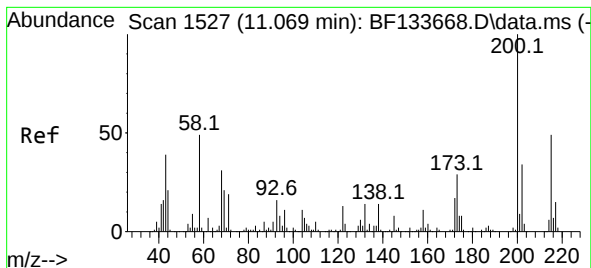


#68
Hexachlorobenzene
Concen: 45.116 ng
RT: 11.004 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31



Tgt Ion:284 Resp: 224828
Ion Ratio Lower Upper
284 100
142 30.9 28.6 42.8
249 30.8 24.6 36.8





#69

Atrazine

Concen: 47.391 ng

RT: 11.098 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133891.D

Acq: 22 Jun 2023 09:31

Instrument :

BNA_F

ClientSampleId :

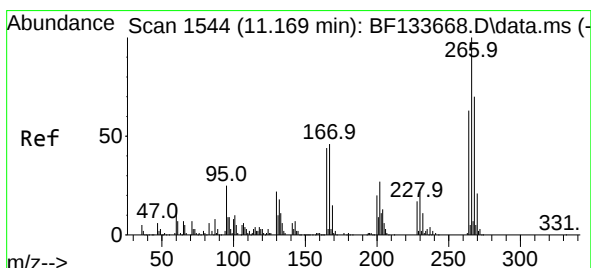
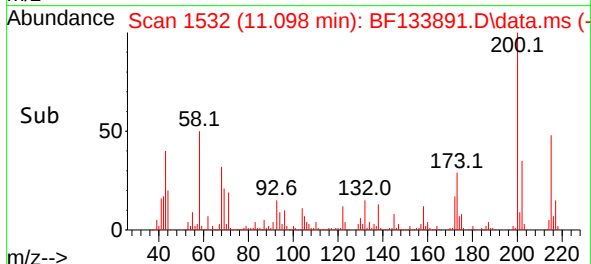
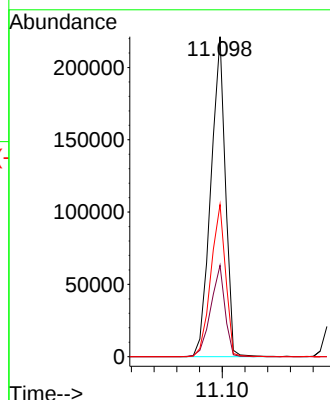
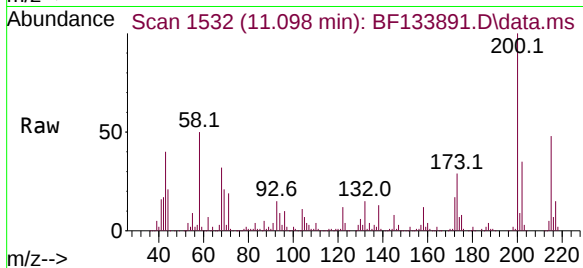
PB153533BS

Tgt Ion:200 Resp: 196104
 Ion Ratio Lower Upper
 200 100
 173 28.6 8.7 48.7
 215 47.6 29.0 69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023



#70

Pentachlorophenol

Concen: 77.478 ng

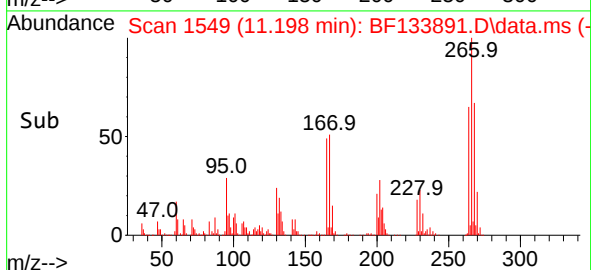
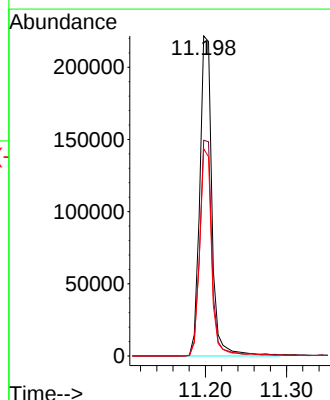
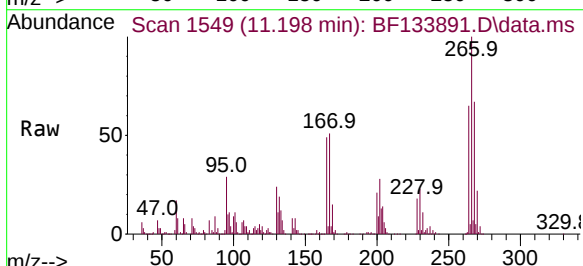
RT: 11.198 min Scan# 1549

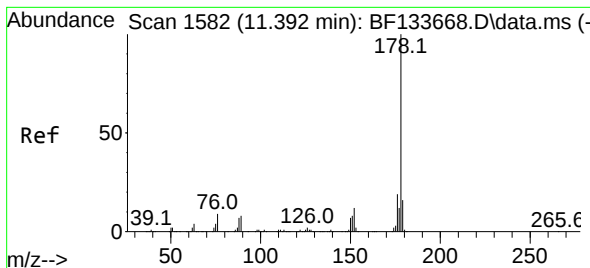
Delta R.T. 0.000 min

Lab File: BF133891.D

Acq: 22 Jun 2023 09:31

Tgt Ion:266 Resp: 231197
 Ion Ratio Lower Upper
 266 100
 268 67.4 55.7 83.5
 264 64.8 50.7 76.1





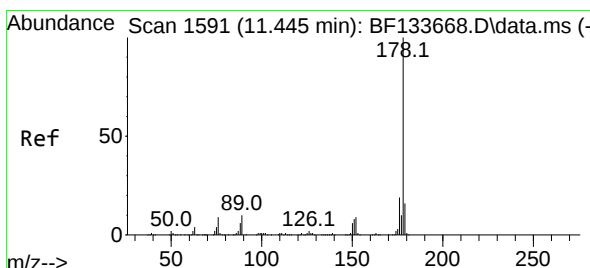
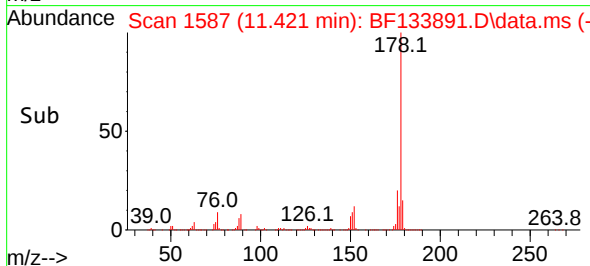
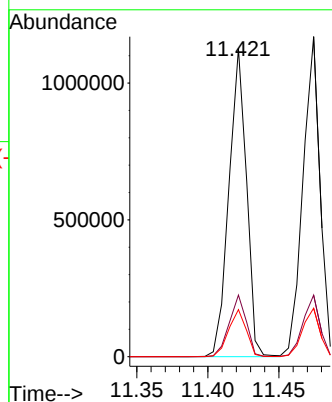
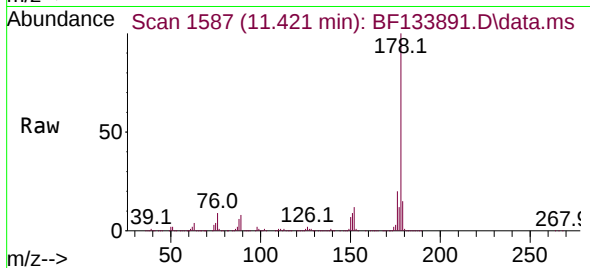
#71
Phenanthrene
Concen: 44.970 ng
RT: 11.421 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

Instrument :
BNA_F
ClientSampleId :
PB153533BS

Tgt Ion:178 Resp: 96870
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 15.2 12.4 18.6

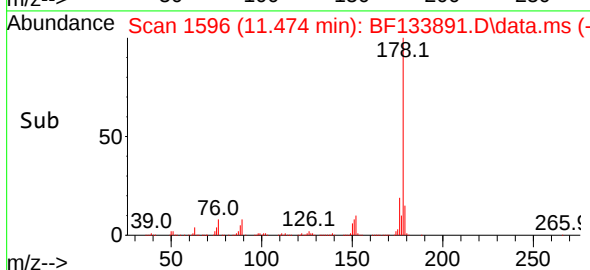
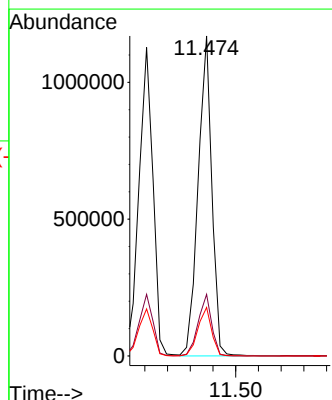
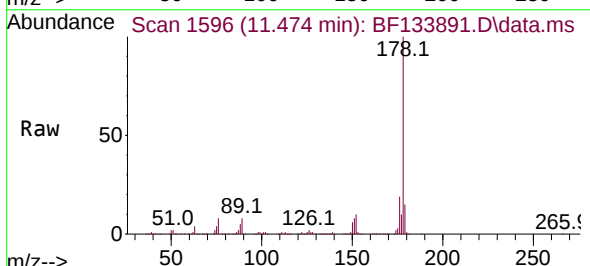
Manual Integrations
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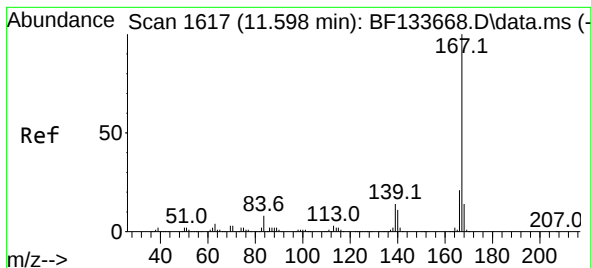
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#72
Anthracene
Concen: 43.653 ng
RT: 11.474 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

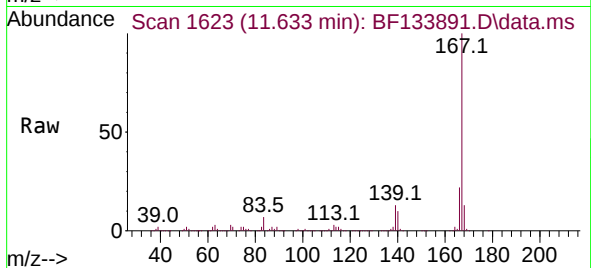
Tgt Ion:178 Resp: 980481
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.2 12.6 18.8





#73
 Carbazole
 Concen: 44.162 ng
 RT: 11.633 min Scan# 1623
 Delta R.T. 0.006 min
 Lab File: BF133891.D
 Acq: 22 Jun 2023 09:31

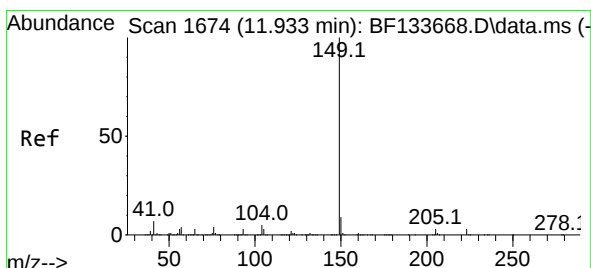
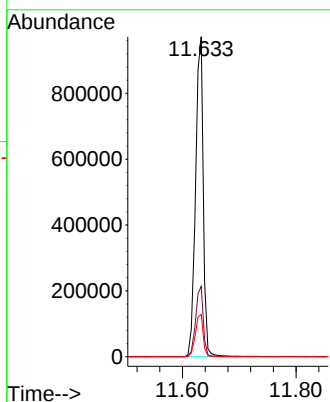
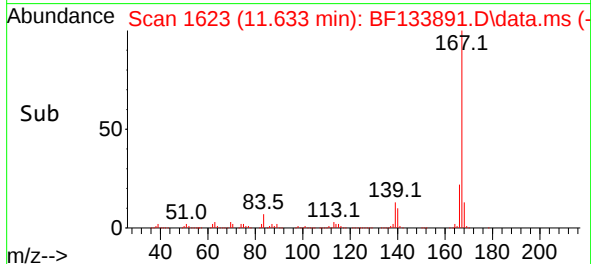
Instrument :
 BNA_F
 ClientSampleId :
 PB153533BS



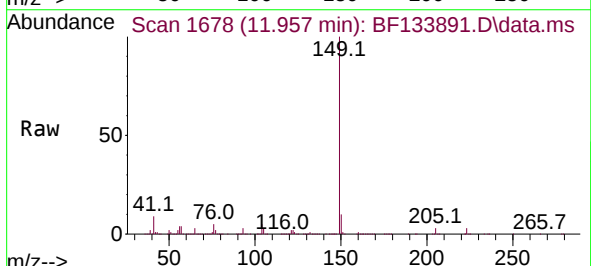
Tgt Ion:167 Resp: 923820
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.0 25.6
 139 13.2 11.2 16.8

Manual Integrations
 APPROVED

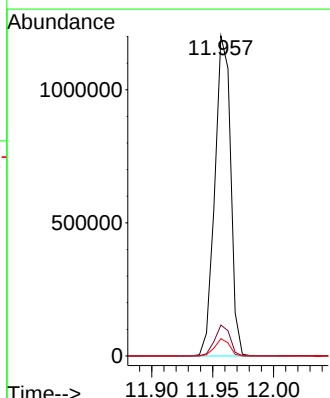
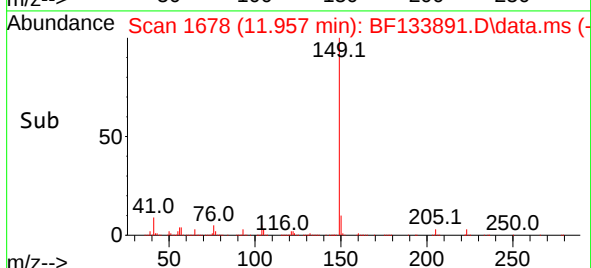
Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

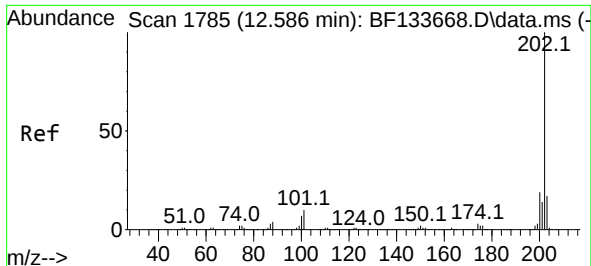


#74
 Di-n-butylphthalate
 Concen: 40.688 ng
 RT: 11.957 min Scan# 1678
 Delta R.T. 0.000 min
 Lab File: BF133891.D
 Acq: 22 Jun 2023 09:31



Tgt Ion:149 Resp: 1091179
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.0
 104 5.4 3.8 5.8





#75
Fluoranthene
Concen: 44.178 ng
RT: 12.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

Instrument :

BNA_F

ClientSampleId :

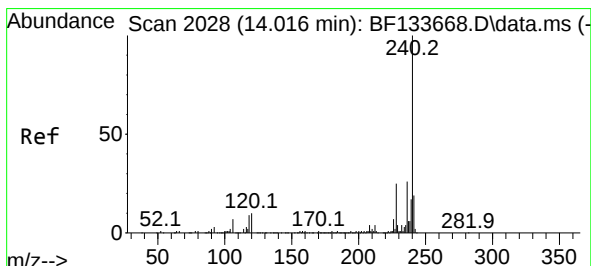
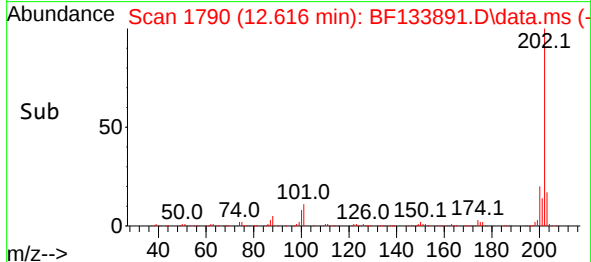
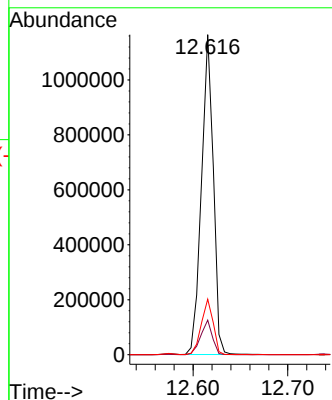
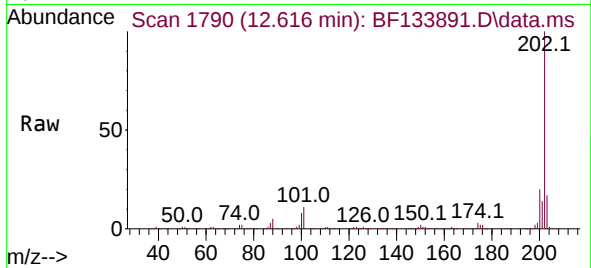
PB153533BS

Tgt Ion:202 Resp: 101057
Ion Ratio Lower Upper
202 100
101 10.8 0.0 29.6
203 17.3 0.0 37.4

Manual Integrations

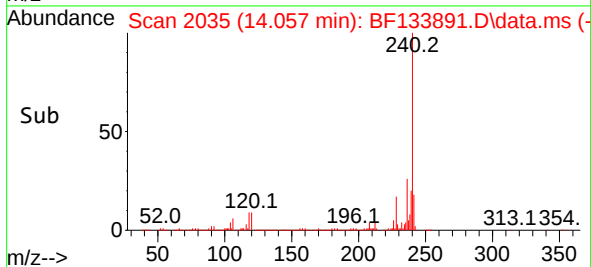
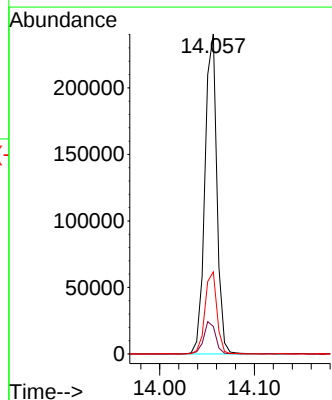
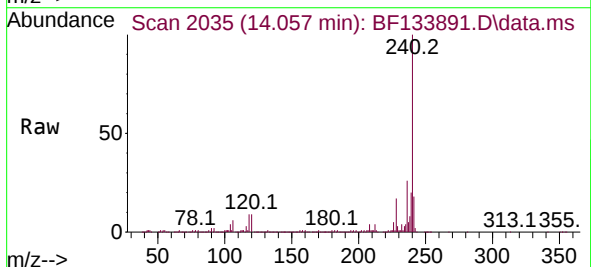
APPROVED

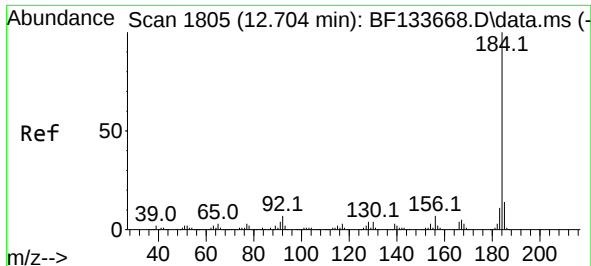
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

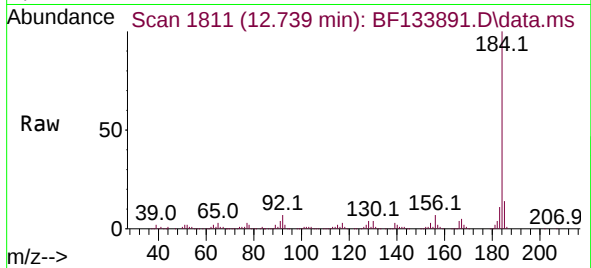
Tgt Ion:240 Resp: 210670
Ion Ratio Lower Upper
240 100
120 8.6 8.1 12.1
236 25.6 20.5 30.7





#77
Benzidine
Concen: 39.239 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

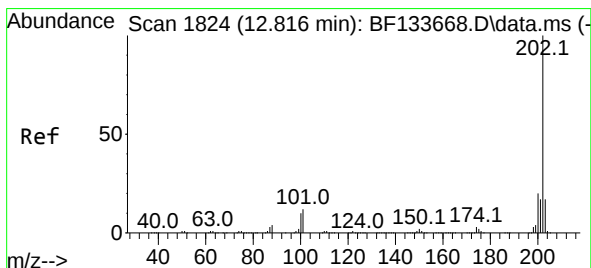
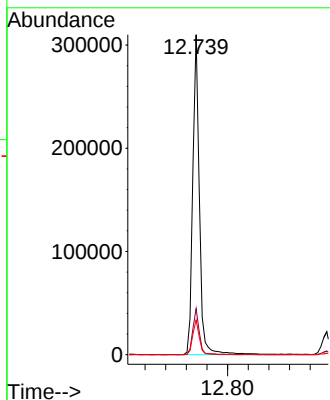
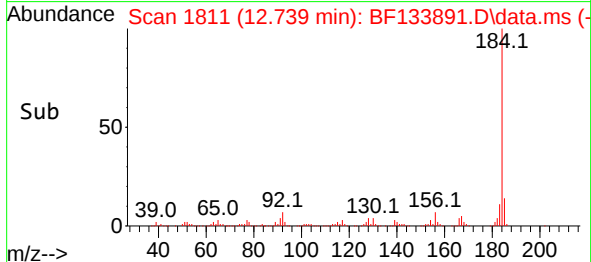
Instrument :
BNA_F
ClientSampleId :
PB153533BS



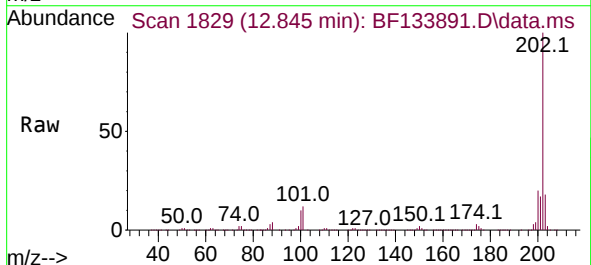
Tgt Ion:184 Resp: 277390
Ion Ratio Lower Upper
184 100
185 14.4 11.6 17.4
183 10.9 8.4 12.6

Manual Integrations
APPROVED

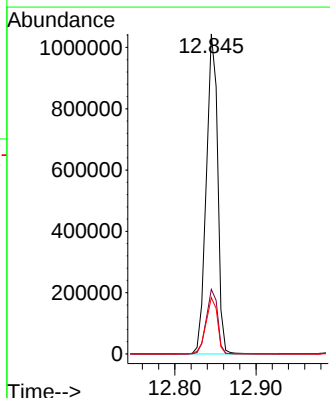
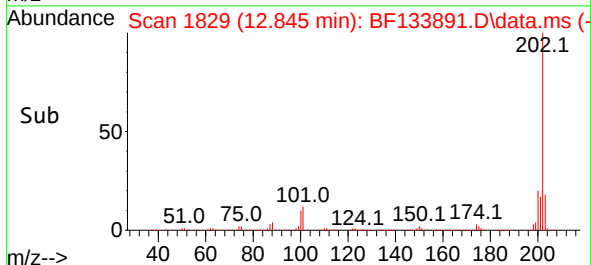
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

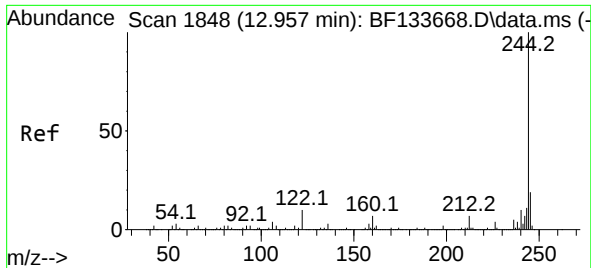


#78
Pyrene
Concen: 51.404 ng
RT: 12.845 min Scan# 1829
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31



Tgt Ion:202 Resp: 1008789
Ion Ratio Lower Upper
202 100
200 20.2 16.2 24.2
203 17.6 13.9 20.9





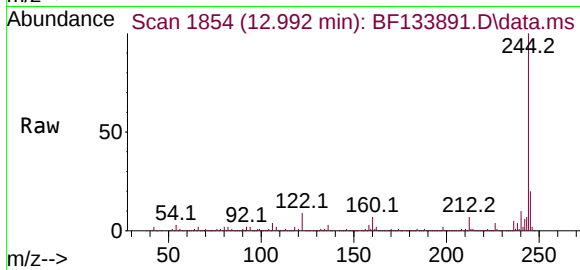
#79
 Terphenyl-d14
 Concen: 101.165 ng
 RT: 12.992 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133891.D
 Acq: 22 Jun 2023 09:31

Instrument :

BNA_F

ClientSampleId :

PB153533BS

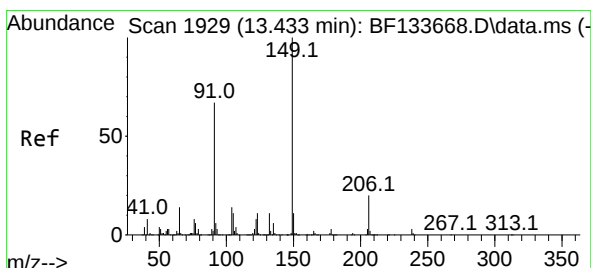
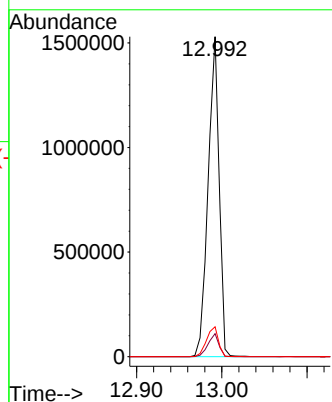
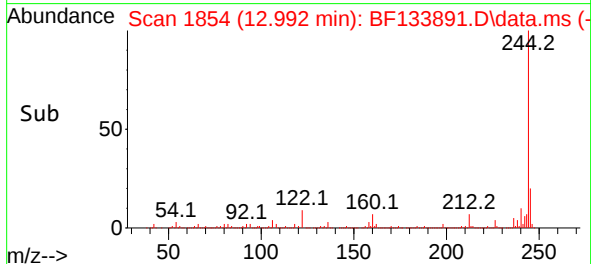


Tgt Ion:244 Resp: 137735
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 9.4 8.1 12.1

Manual Integrations

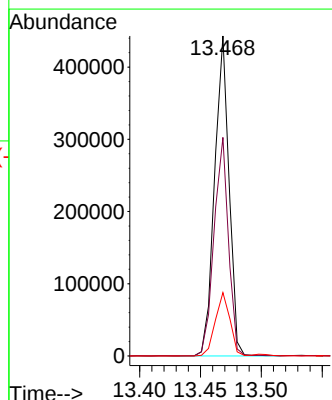
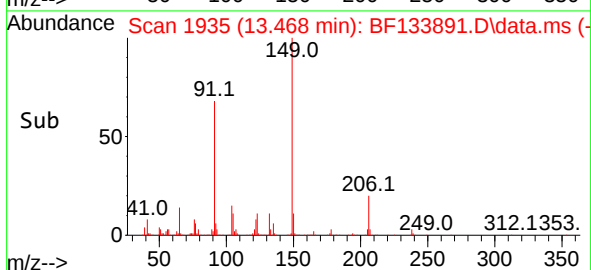
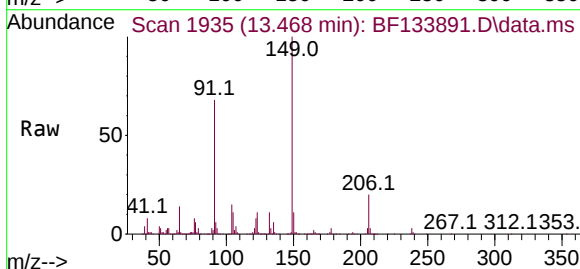
APPROVED

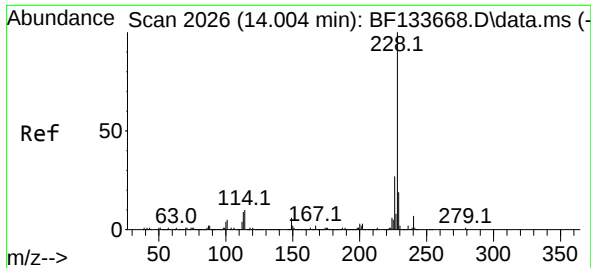
Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023



#80
 Butylbenzylphthalate
 Concen: 44.294 ng
 RT: 13.468 min Scan# 1935
 Delta R.T. 0.000 min
 Lab File: BF133891.D
 Acq: 22 Jun 2023 09:31

Tgt Ion:149 Resp: 366972
 Ion Ratio Lower Upper
 149 100
 91 68.3 54.0 81.0
 206 19.8 15.6 23.4





#81
Benzo(a)anthracene
Concen: 45.470 ng
RT: 14.045 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

Instrument :

BNA_F

ClientSampleId :

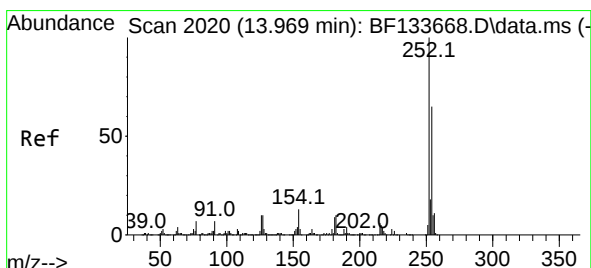
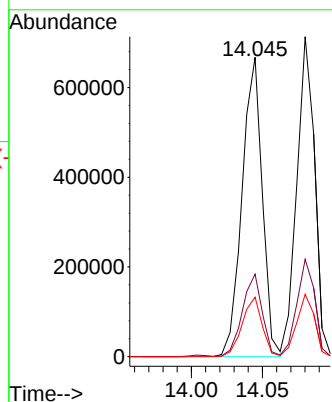
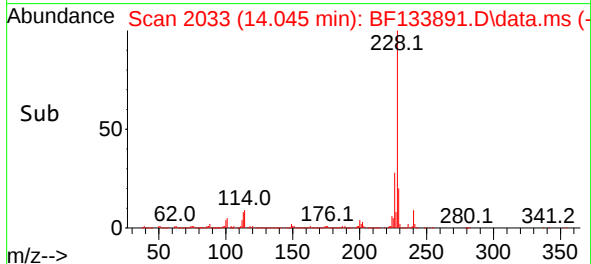
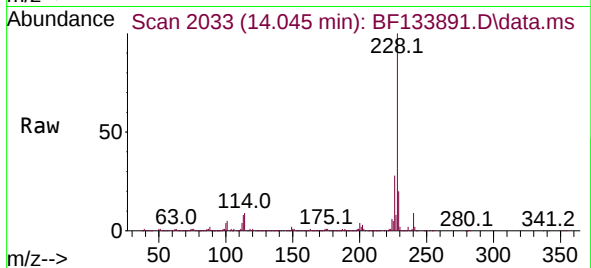
PB153533BS

Tgt Ion:228 Resp: 662590
Ion Ratio Lower Upper
228 100
226 27.6 21.7 32.5
229 19.9 15.4 23.2

Manual Integrations

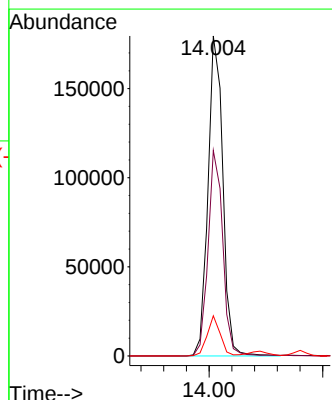
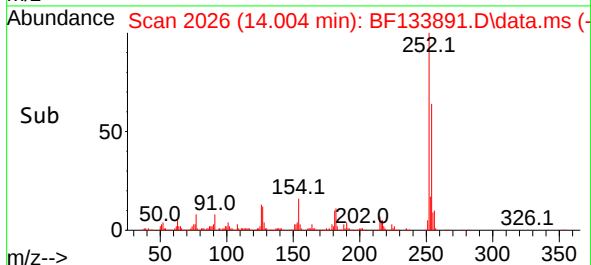
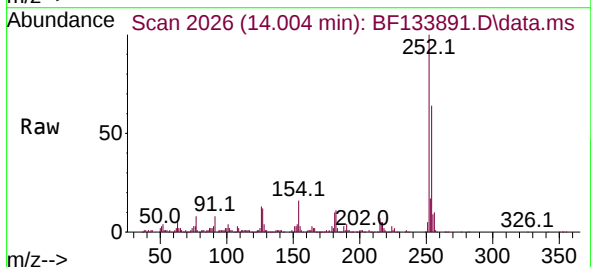
APPROVED

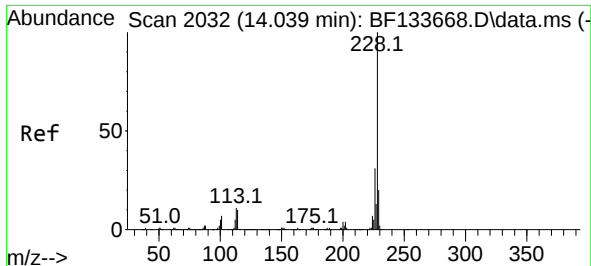
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#82
3,3'-Dichlorobenzidine
Concen: 33.464 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

Tgt Ion:252 Resp: 162123
Ion Ratio Lower Upper
252 100
254 64.2 51.9 77.9
126 12.6 7.7 11.5#





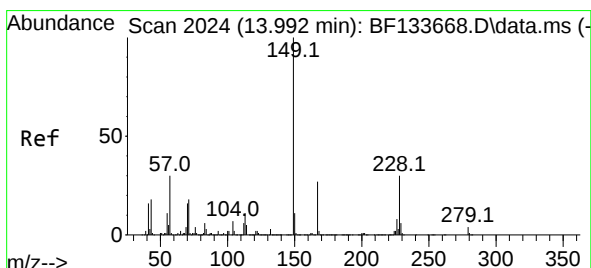
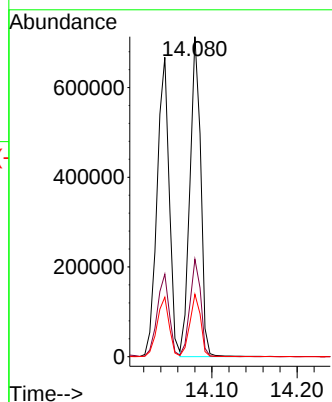
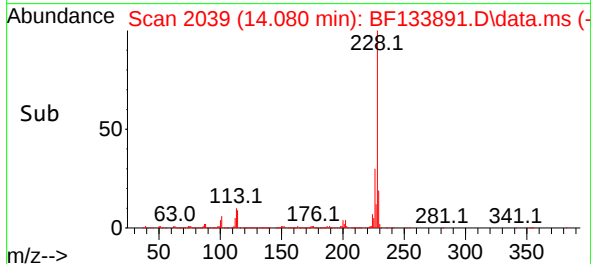
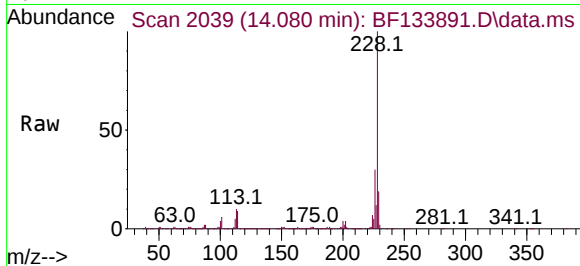
#83
Chrysene
Concen: 45.294 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

Instrument :
BNA_F
ClientSampleId :
PB153533BS

Tgt Ion:228 Resp: 624260
Ion Ratio Lower Upper
228 100
226 30.4 25.0 37.6
229 19.5 15.8 23.8

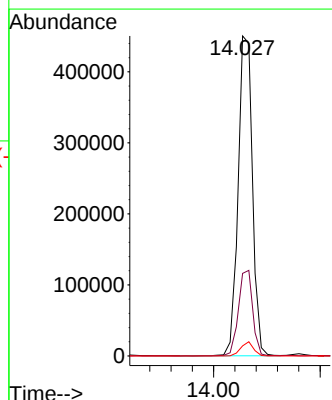
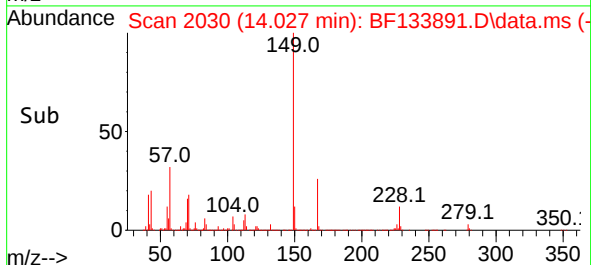
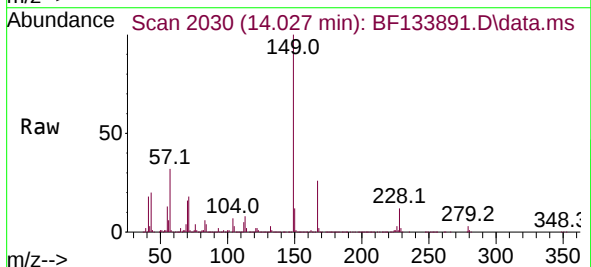
Manual Integrations
APPROVED

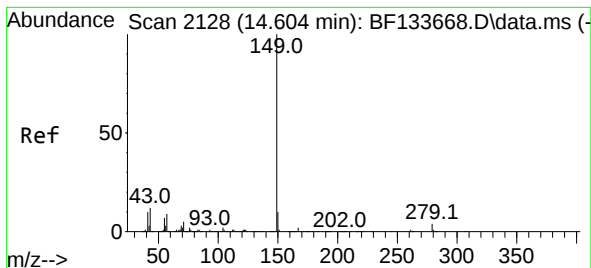
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.397 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

Tgt Ion:149 Resp: 422290
Ion Ratio Lower Upper
149 100
167 25.8 21.8 32.8
279 3.2 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 42.093 ng

RT: 14.651 min Scan# 2128

Delta R.T. 0.000 min

Lab File: BF133891.D

Acq: 22 Jun 2023 09:31

Instrument :

BNA_F

ClientSampleId :

PB153533BS

Tgt Ion:149 Resp: 61018

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

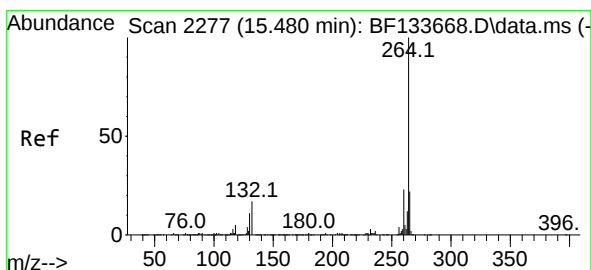
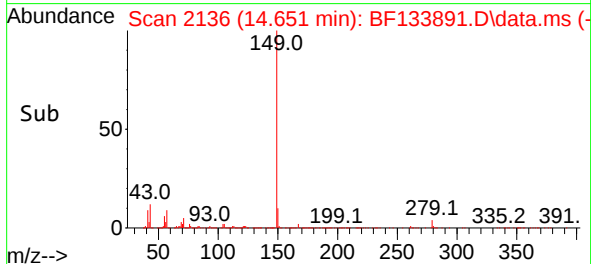
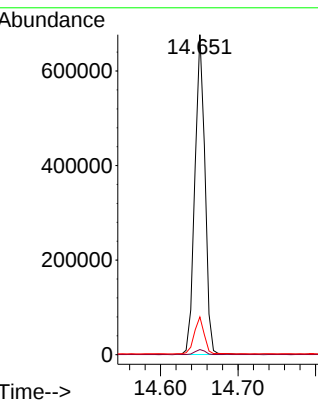
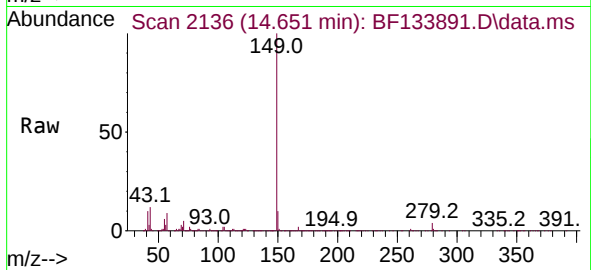
43 11.4 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.556 min Scan# 2290

Delta R.T. -0.006 min

Lab File: BF133891.D

Acq: 22 Jun 2023 09:31

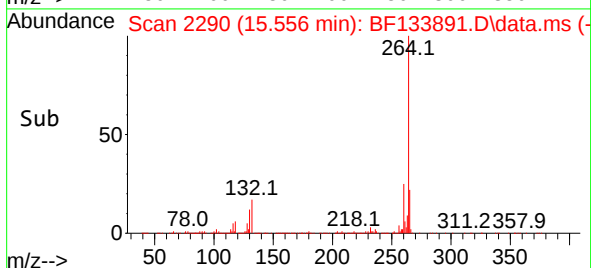
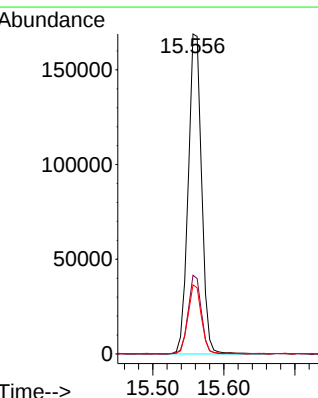
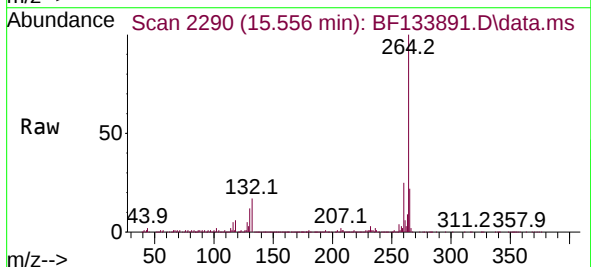
Tgt Ion:264 Resp: 222134

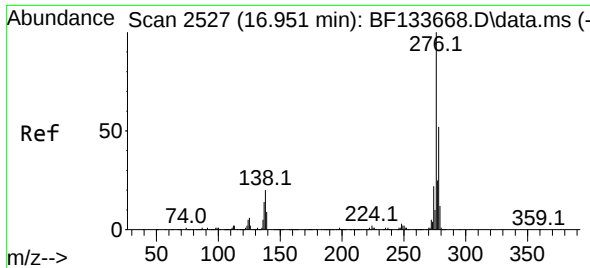
Ion Ratio Lower Upper

264 100

260 24.6 18.2 27.2

265 21.6 17.8 26.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.701 ng
RT: 17.121 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

Instrument :

BNA_F

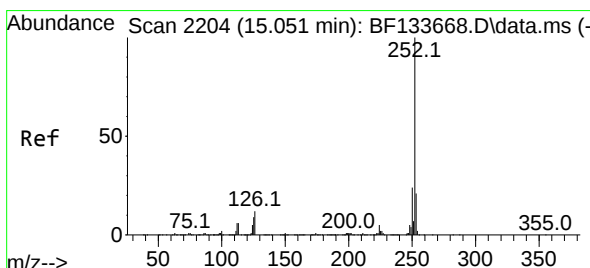
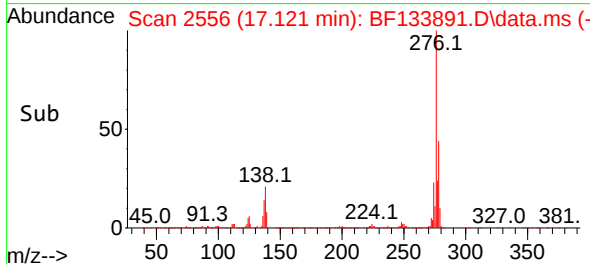
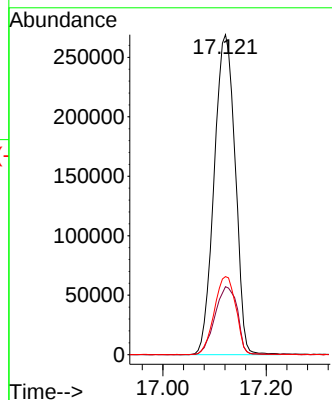
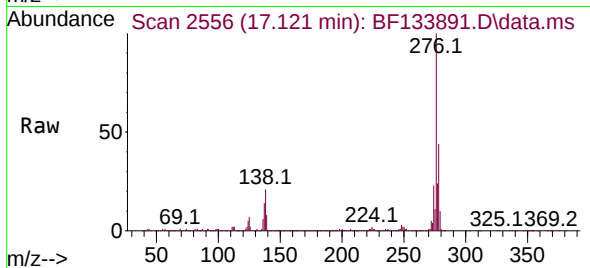
ClientSampleId :

PB153533BS

Tgt Ion:276 Resp: 75954
Ion Ratio Lower Upper
276 100
138 22.8 17.9 26.9
277 25.1 20.3 30.5

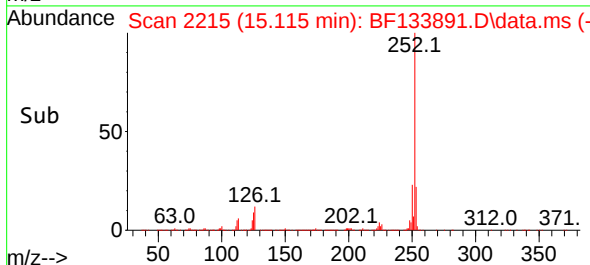
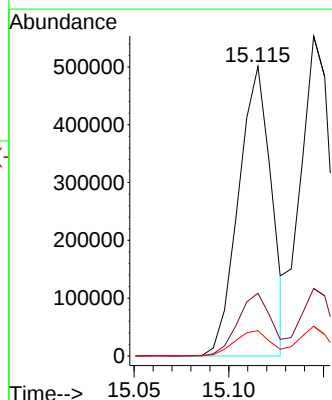
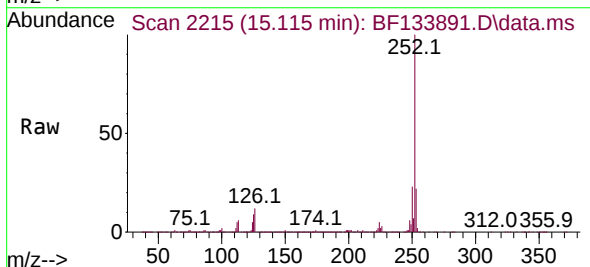
Manual Integrations
APPROVED

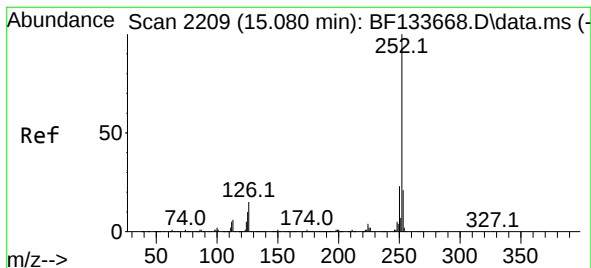
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#88
Benzo(b)fluoranthene
Concen: 44.904 ng
RT: 15.115 min Scan# 2215
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

Tgt Ion:252 Resp: 605925
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 8.8 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 45.925 ng

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF133891.D

Acq: 22 Jun 2023 09:31

Instrument :

BNA_F

ClientSampleId :

PB153533BS

Tgt Ion:252 Resp: 60366

Ion Ratio Lower Upper

252 100

253 21.1 17.0 25.4

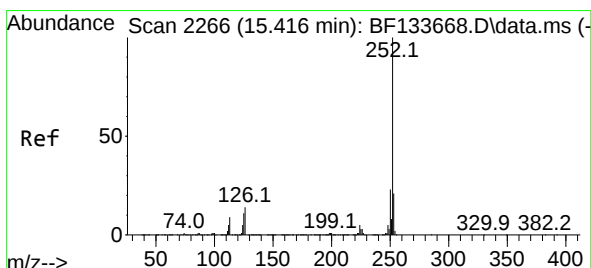
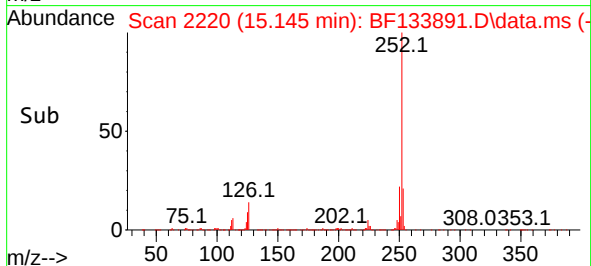
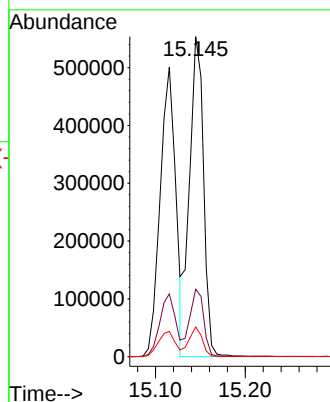
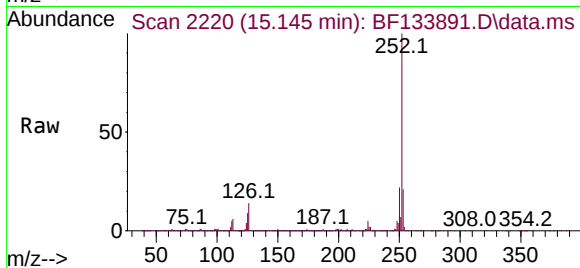
125 9.3 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#90

Benzo(a)pyrene

Concen: 44.108 ng

RT: 15.498 min Scan# 2280

Delta R.T. 0.000 min

Lab File: BF133891.D

Acq: 22 Jun 2023 09:31

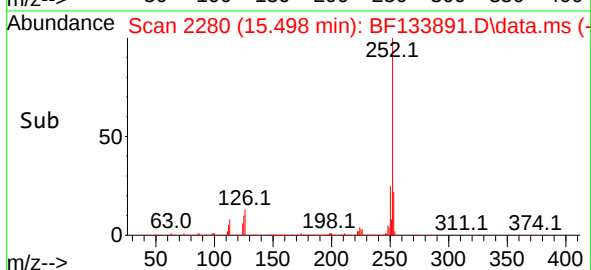
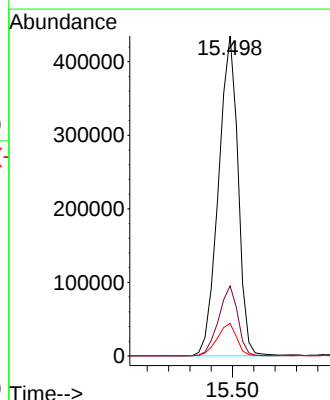
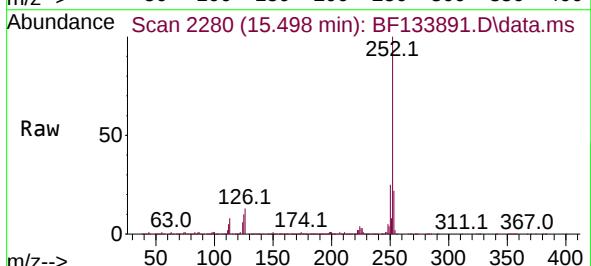
Tgt Ion:252 Resp: 552371

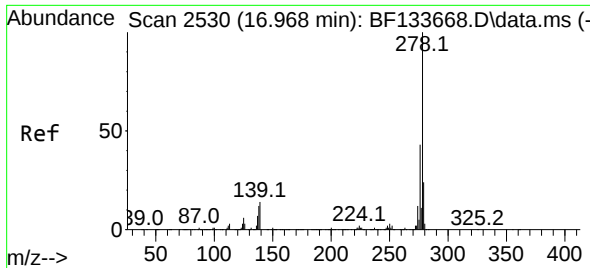
Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

125 10.2 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 48.689 ng
RT: 17.139 min Scan# 2637
Delta R.T. 0.000 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

Instrument :

BNA_F

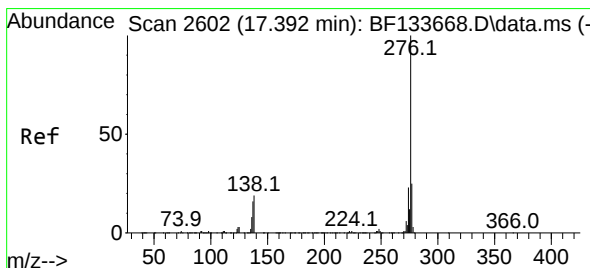
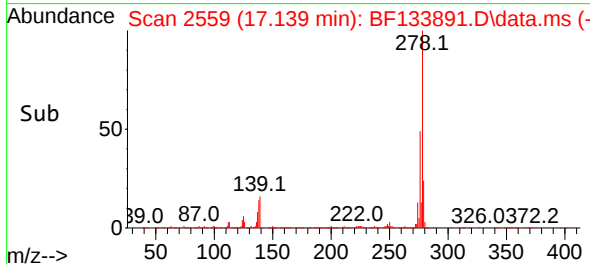
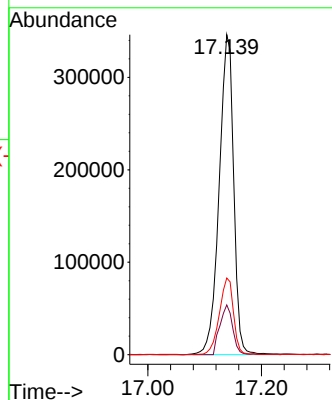
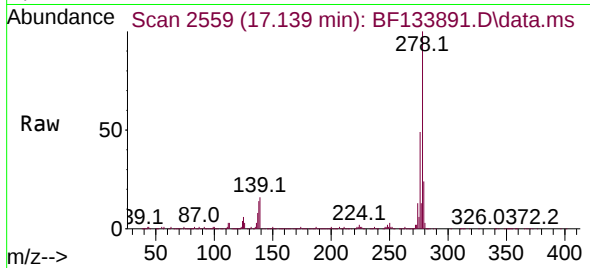
ClientSampleId :

PB153533BS

Tgt Ion:278 Resp: 616010
Ion Ratio Lower Upper
278 100
139 15.6 11.4 17.2
279 24.0 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#92
Benzo(g,h,i)perylene
Concen: 49.729 ng
RT: 17.598 min Scan# 2637
Delta R.T. 0.006 min
Lab File: BF133891.D
Acq: 22 Jun 2023 09:31

Tgt Ion:276 Resp: 623813
Ion Ratio Lower Upper
276 100
277 23.7 19.8 29.8
138 19.0 15.0 22.4

