

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062323\
 Data File : BF133933.D
 Acq On : 23 Jun 2023 09:44
 Operator : CG\JU
 Sample : PB153615BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153615BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 25 02:35:06 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	121828	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	473831	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	246153	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	490603	20.000	ng	0.00
76) Chrysene-d12	14.057	240	252492	20.000	ng	0.00
86) Perylene-d12	15.557	264	234685	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	818208	116.920	ng	0.01
7) Phenol-d6	6.504	99	997497	109.507	ng	0.00
23) Nitrobenzene-d5	7.428	82	677747	77.907	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	339520	108.965	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1224805	70.732	ng	0.00
79) Terphenyl-d14	12.992	244	1437024	88.065	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	99389	32.305	ng	99
3) Pyridine	3.493	79	243796	27.187	ng	99
4) n-Nitrosodimethylamine	3.446	42	187795	37.886	ng	96
6) Aniline	6.528	93	379169	33.049	ng	97
8) 2-Chlorophenol	6.645	128	326394	44.258	ng	98
9) Benzaldehyde	6.416	77	161649	26.748	ng	98
10) Phenol	6.516	94	389835	40.985	ng	90
11) bis(2-Chloroethyl)ether	6.598	93	293447	41.557	ng	97
12) 1,3-Dichlorobenzene	6.804	146	335571	42.588	ng	100
13) 1,4-Dichlorobenzene	6.881	146	341076	42.827	ng	98
14) 1,2-Dichlorobenzene	7.028	146	328039	45.585	ng	100
15) Benzyl Alcohol	7.004	79	296806	41.719	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	515709	43.083	ng	99
17) 2-Methylphenol	7.116	107	266177	40.721	ng	99
18) Hexachloroethane	7.369	117	129520	47.505	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	226793	39.132	ng	96
20) 3+4-Methylphenols	7.269	107	319669	37.593	ng	# 88
22) Acetophenone	7.275	105	443620	40.821	ng	# 97
24) Nitrobenzene	7.445	77	356067	40.648	ng	98
25) Isophorone	7.681	82	637394	39.909	ng	100
26) 2-Nitrophenol	7.757	139	178064	45.294	ng	97
27) 2,4-Dimethylphenol	7.798	122	279611	41.265	ng	97
28) bis(2-Chloroethoxy)met...	7.892	93	366676	39.723	ng	99
29) 2,4-Dichlorophenol	7.998	162	273094	41.122	ng	97
30) 1,2,4-Trichlorobenzene	8.081	180	285318	41.179	ng	97
31) Naphthalene	8.163	128	906130	39.252	ng	99
32) Benzoic acid	7.928	122	211744	49.548	ng	93
33) 4-Chloroaniline	8.210	127	184150	18.656	ng	99
34) Hexachlorobutadiene	8.275	225	179044	39.468	ng	98
35) Caprolactam	8.598	113	97007m	43.410	ng	
36) 4-Chloro-3-methylphenol	8.698	107	311133	40.645	ng	98
37) 2-Methylnaphthalene	8.857	142	617617	38.505	ng	100
38) 1-Methylnaphthalene	8.957	142	568503	38.517	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	288236	38.517	ng	98
41) Hexachlorocyclopentadiene	9.010	237	314385	94.275	ng	98
43) 2,4,6-Trichlorophenol	9.133	196	198689	39.733	ng	99

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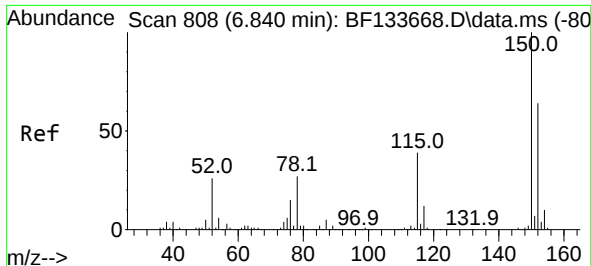
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jun 23 02:21:26 2023

Response via : Initial Calibration

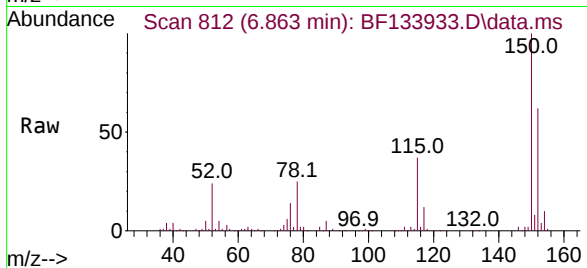
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	216165	37.157	ng	98
46) 1,1'-Biphenyl	9.322	154	775275	39.052	ng	99
47) 2-Chloronaphthalene	9.351	162	570503	40.062	ng	98
48) 2-Nitroaniline	9.445	65	208026	39.942	ng	96
49) Acenaphthylene	9.763	152	951774	38.400	ng	99
50) Dimethylphthalate	9.628	163	687132	37.398	ng	100
51) 2,6-Dinitrotoluene	9.692	165	156256	41.202	ng	91
52) Acenaphthene	9.939	154	557904	38.455	ng	99
53) 3-Nitroaniline	9.863	138	138871	30.090	ng	96
54) 2,4-Dinitrophenol	9.975	184	178943	95.375	ng	95
55) Dibenzofuran	10.110	168	847297	38.274	ng	96
56) 4-Nitrophenol	10.033	139	263276	84.527	ng	90
57) 2,4-Dinitrotoluene	10.098	165	209600	43.457	ng	98
58) Fluorene	10.457	166	670770	39.622	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.228	232	187262	42.994	ng	98
60) Diethylphthalate	10.328	149	710801	38.011	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	315312	37.728	ng	99
62) 4-Nitroaniline	10.480	138	178884	39.532	ng	94
63) Azobenzene	10.610	77	668540	37.765	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	117359	50.061	ng	86
66) n-Nitrosodiphenylamine	10.569	169	594157	36.054	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	200717	36.655	ng	96
68) Hexachlorobenzene	11.004	284	227219	39.460	ng	96
69) Atrazine	11.098	200	204585	42.787	ng	99
70) Pentachlorophenol	11.204	266	238104	69.055	ng	97
71) Phenanthrene	11.422	178	974083	39.134	ng	99
72) Anthracene	11.474	178	995813	38.369	ng	99
73) Carbazole	11.633	167	956291	39.562	ng	99
74) Di-n-butylphthalate	11.957	149	1136599	36.678	ng	99
75) Fluoranthene	12.616	202	1061058	40.143	ng	99
77) Benzidine	12.739	184	259569	30.636	ng	98
78) Pyrene	12.851	202	1061751	45.141	ng	99
80) Butylbenzylphthalate	13.468	149	404044	40.691	ng	99
81) Benzo(a)anthracene	14.045	228	697065	39.912	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	181058	31.182	ng	# 97
83) Chrysene	14.080	228	651304	39.428	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	462877	37.859	ng	99
85) Di-n-octyl phthalate	14.651	149	639301	36.796	ng	100
87) Indeno(1,2,3-cd)pyrene	17.121	276	750222	46.466	ng	99
88) Benzo(b)fluoranthene	15.115	252	591546	41.494	ng	99
89) Benzo(k)fluoranthene	15.145	252	585081	42.131	ng	100
90) Benzo(a)pyrene	15.498	252	535227	40.453	ng	99
91) Dibenzo(a,h)anthracene	17.139	278	613941	45.930	ng	99
92) Benzo(g,h,i)perylene	17.592	276	619169	46.719	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

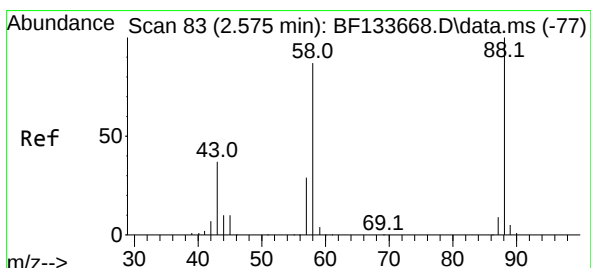
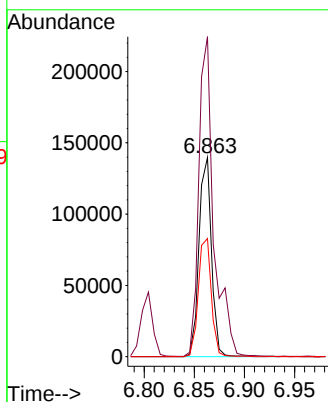
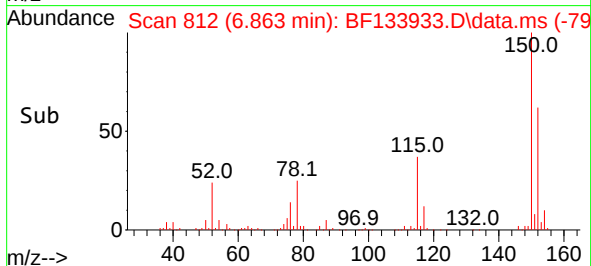
Instrument :
BNA_F
ClientSampleId :
PB153615BS



Tgt Ion:152 Resp: 121828
Ion Ratio Lower Upper
152 100
150 160.6 124.3 186.5
115 59.2 48.5 72.7

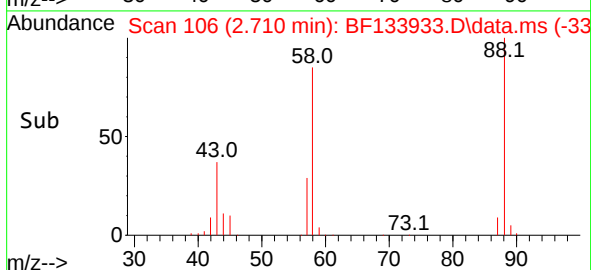
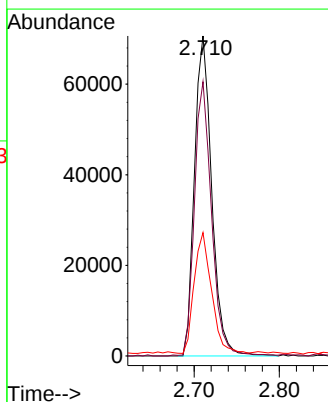
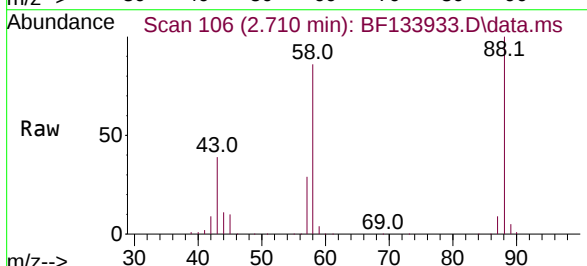
Manual Integrations
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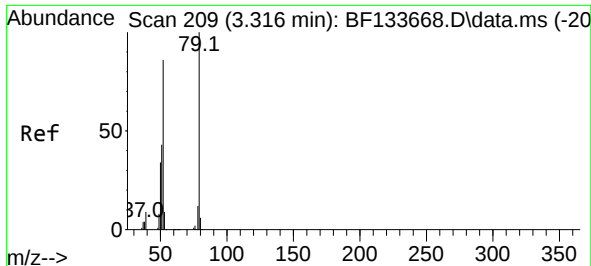
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#2
1,4-Dioxane
Concen: 32.305 ng
RT: 2.710 min Scan# 106
Delta R.T. 0.077 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

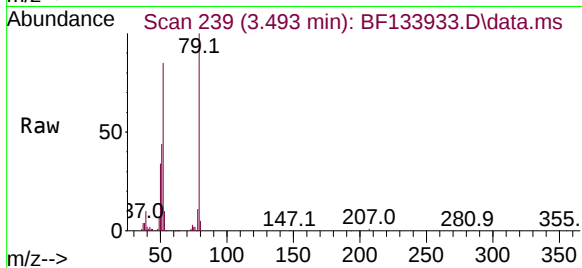
Tgt Ion: 88 Resp: 99389
Ion Ratio Lower Upper
88 100
58 85.4 67.8 101.6
43 37.7 29.8 44.6





#3
Pyridine
Concen: 27.187 ng
RT: 3.493 min Scan# 210
Delta R.T. 0.071 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

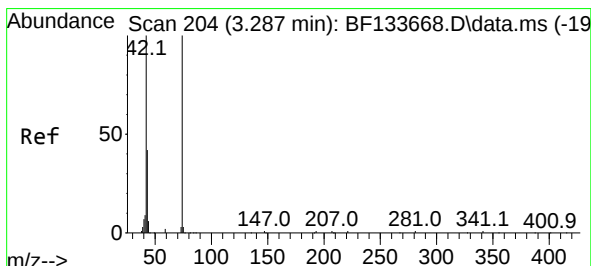
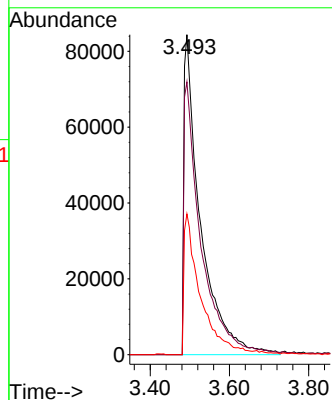
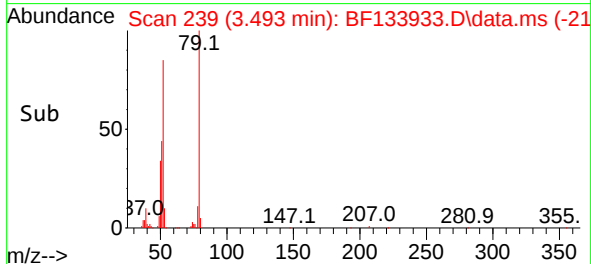
Instrument :
BNA_F
ClientSampleId :
PB153615BS



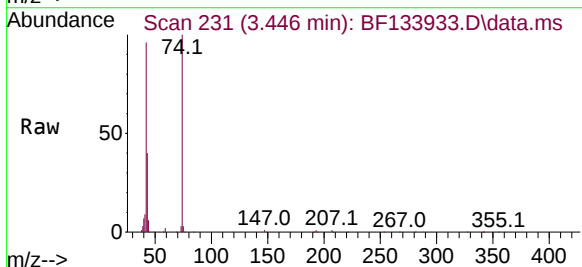
Tgt Ion: 79 Resp: 243790
Ion Ratio Lower Upper
79 100
52 85.2 68.6 102.8
51 44.0 34.8 52.2

Manual Integrations
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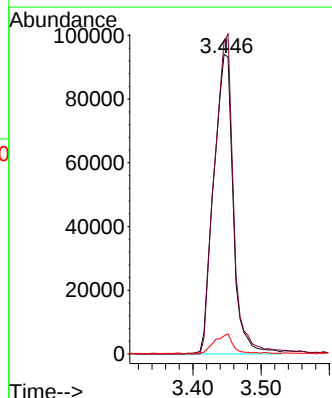
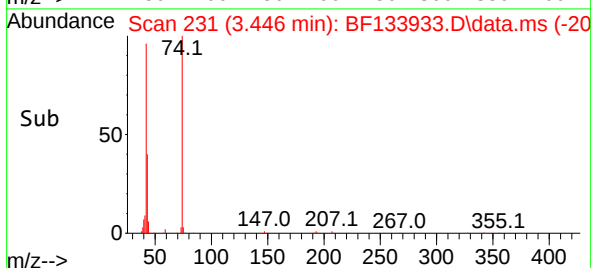
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

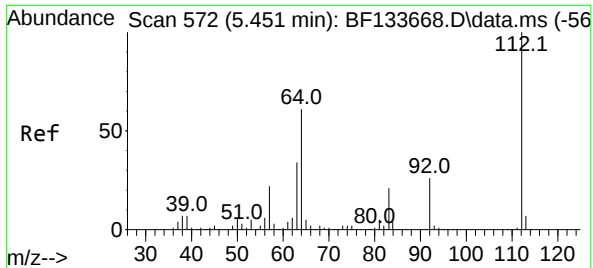


#4
n-Nitrosodimethylamine
Concen: 37.886 ng
RT: 3.446 min Scan# 231
Delta R.T. 0.065 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44



Tgt Ion: 42 Resp: 187795
Ion Ratio Lower Upper
42 100
74 104.2 79.8 119.8
44 6.0 4.7 7.1





#5
2-Fluorophenol
Concen: 116.920 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Instrument :

BNA_F

ClientSampleId :

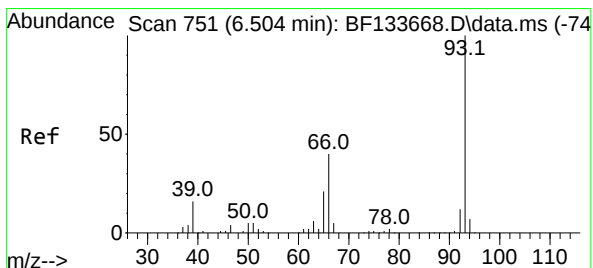
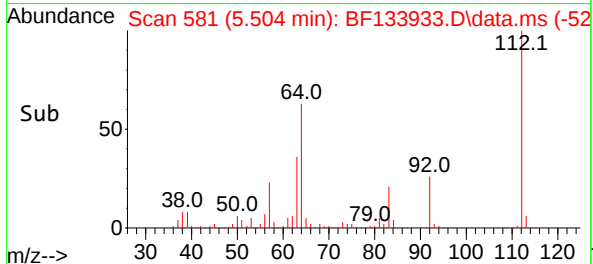
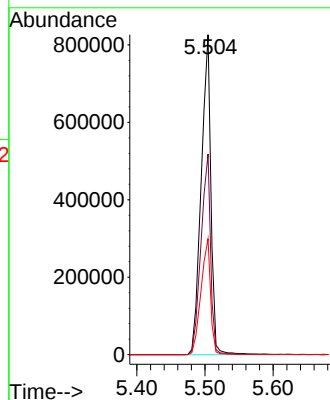
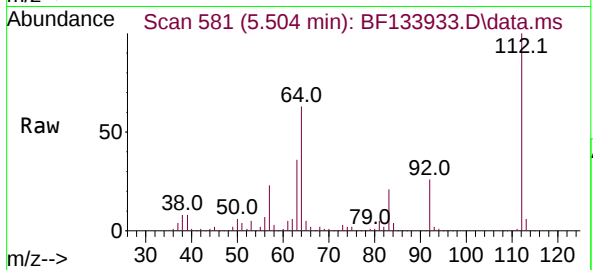
PB153615BS

Tgt Ion:112 Resp: 818208
Ion Ratio Lower Upper
112 100
64 62.7 49.0 73.4
63 36.2 26.8 40.2

Manual Integrations

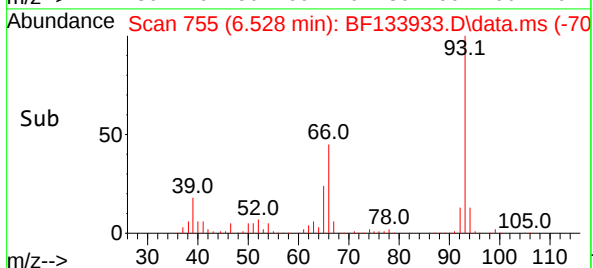
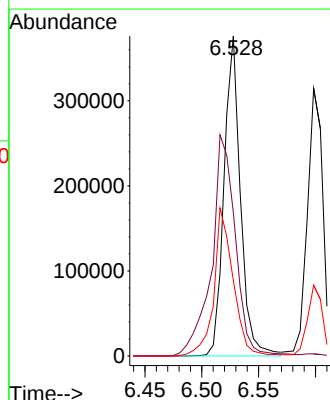
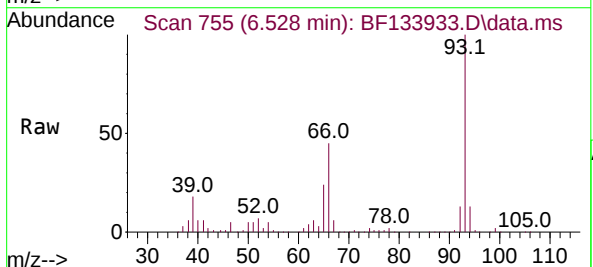
APPROVED

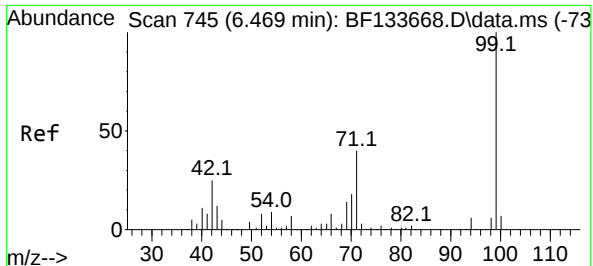
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#6
Aniline
Concen: 33.049 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

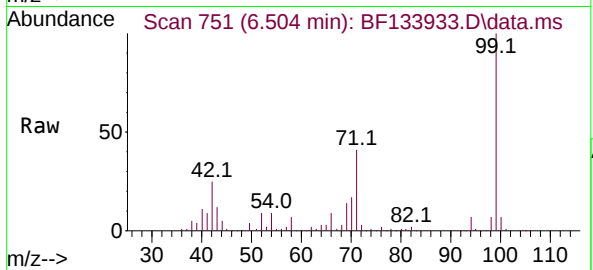
Tgt Ion: 93 Resp: 379169
Ion Ratio Lower Upper
93 100
66 44.9 34.4 51.6
65 23.6 17.5 26.3





#7
Phenol-d6
Concen: 109.507 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

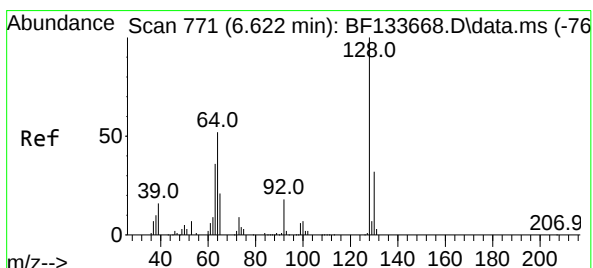
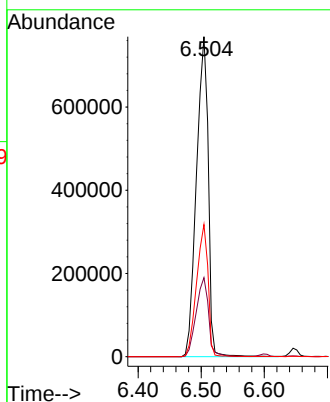
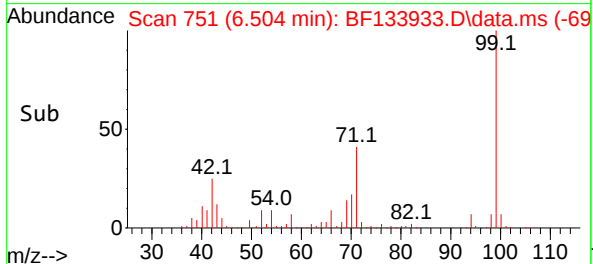
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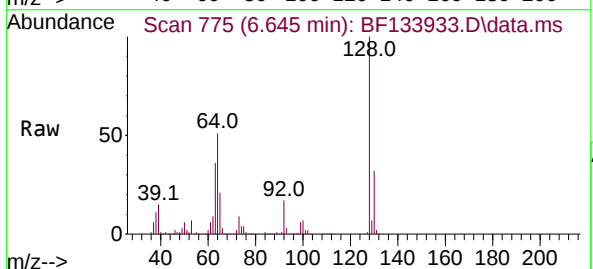
Tgt Ion: 99 Resp: 99749
Ion Ratio Lower Upper
99 100
42 24.7 19.9 29.9
71 41.3 32.2 48.4

Manual Integrations
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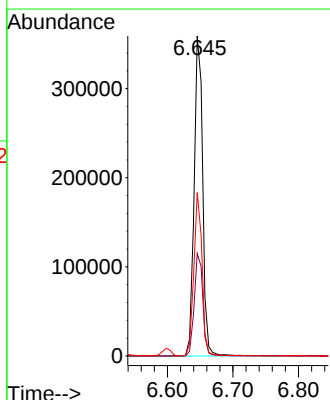
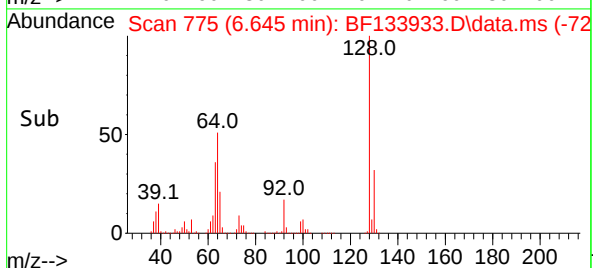
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#8
2-Chlorophenol
Concen: 44.258 ng
RT: 6.645 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44



Tgt Ion:128 Resp: 326394
Ion Ratio Lower Upper
128 100
130 32.0 12.3 52.3
64 51.1 33.1 73.1





#9

Benzaldehyde

Concen: 26.748 ng

RT: 6.416 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

Instrument :

BNA_F

ClientSampleId :

PB153615BS

Tgt Ion: 77 Resp: 161649

Ion Ratio Lower Upper

77 100

105 101.0 82.0 122.0

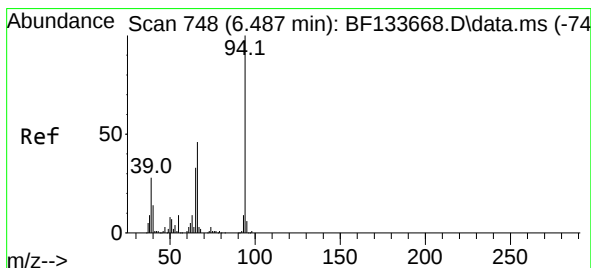
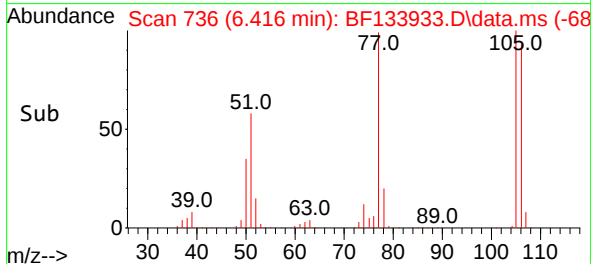
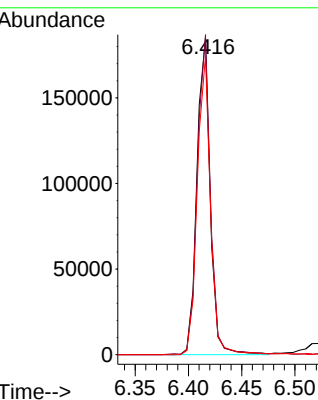
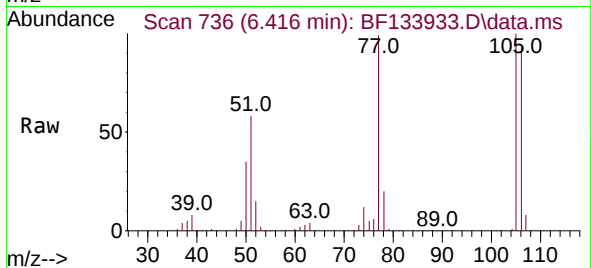
106 94.2 77.6 117.6

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 06/27/2023



#10

Phenol

Concen: 40.985 ng

RT: 6.516 min Scan# 753

Delta R.T. 0.000 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

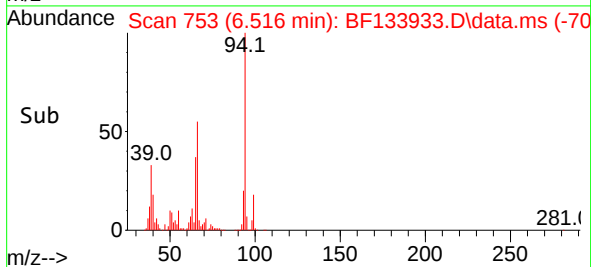
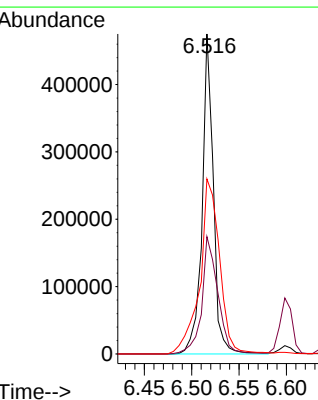
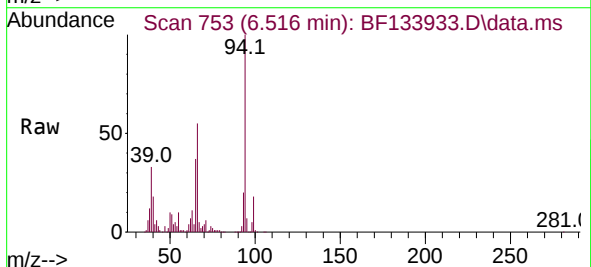
Tgt Ion: 94 Resp: 389835

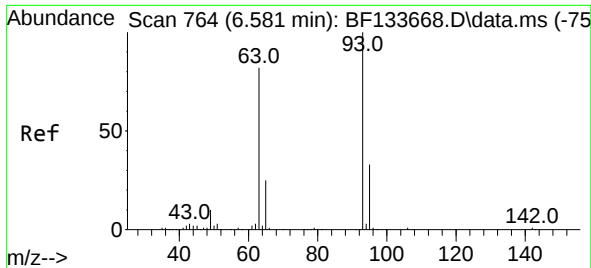
Ion Ratio Lower Upper

94 100

65 36.6 13.2 53.2

66 54.7 26.1 66.1





#11
bis(2-Chloroethyl)ether
Concen: 41.557 ng
RT: 6.598 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Instrument :

BNA_F

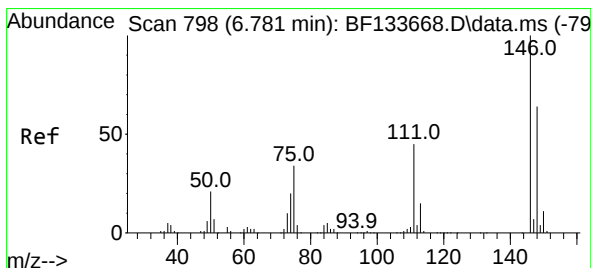
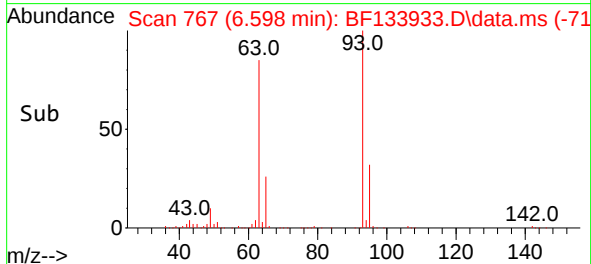
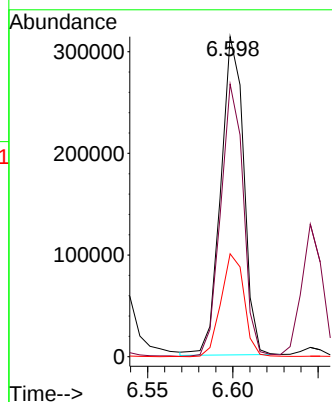
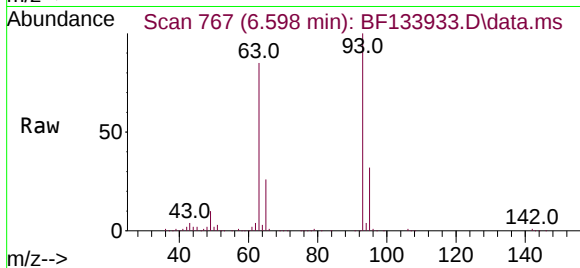
ClientSampleId :

PB153615BS

Tgt Ion: 93 Resp: 29344
Ion Ratio Lower Upper
93 100
63 85.2 62.1 102.1
95 32.1 13.0 53.0

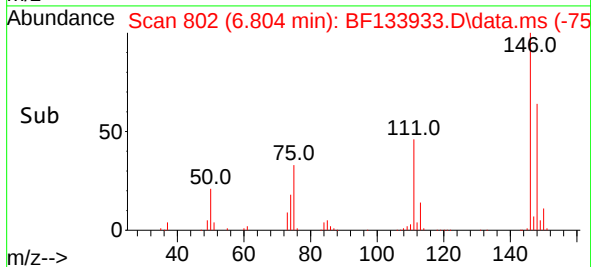
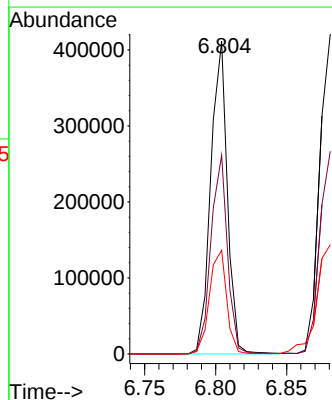
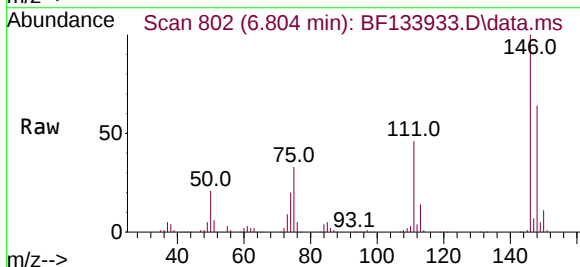
Manual Integrations
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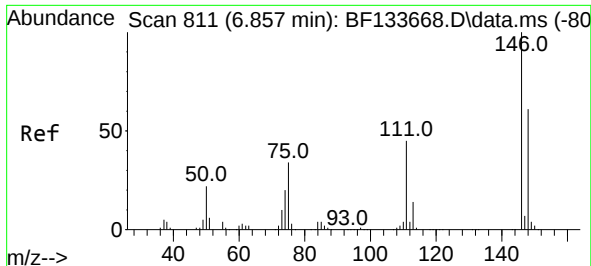
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#12
1,3-Dichlorobenzene
Concen: 42.588 ng
RT: 6.804 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Tgt Ion:146 Resp: 335571
Ion Ratio Lower Upper
146 100
148 63.6 50.9 76.3
75 33.2 27.1 40.7





#13

1,4-Dichlorobenzene

Concen: 42.827 ng

RT: 6.881 min Scan# 811

Delta R.T. 0.000 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

Instrument :

BNA_F

ClientSampleId :

PB153615BS

Tgt Ion:146 Resp: 341070

Ion Ratio Lower Upper

146 100

148 63.4 48.9 73.3

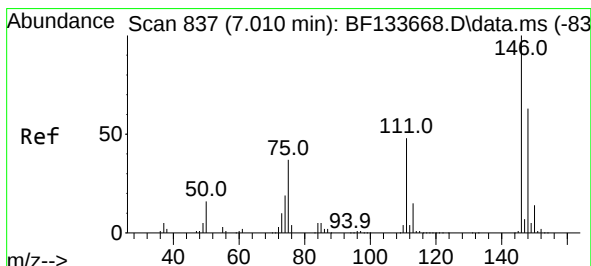
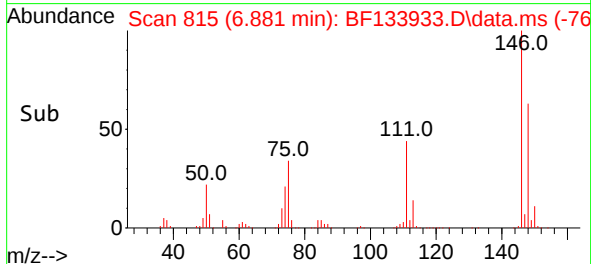
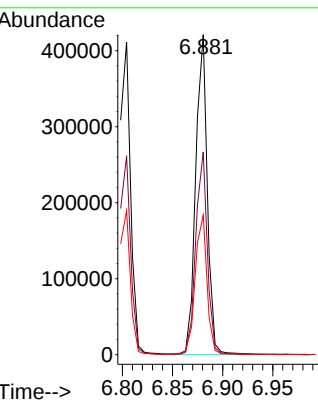
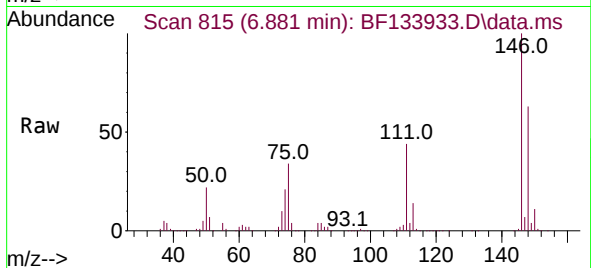
111 43.6 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2023

Supervised By :mohammad ahmed 06/27/2023



#14

1,2-Dichlorobenzene

Concen: 45.585 ng

RT: 7.028 min Scan# 840

Delta R.T. -0.006 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

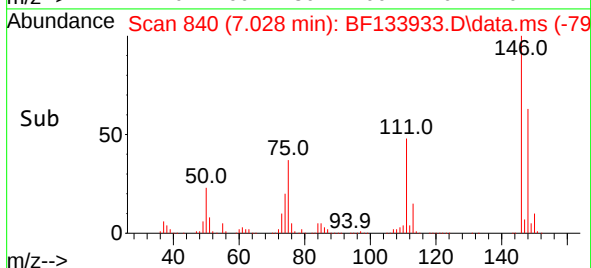
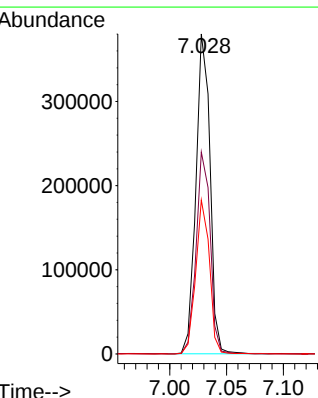
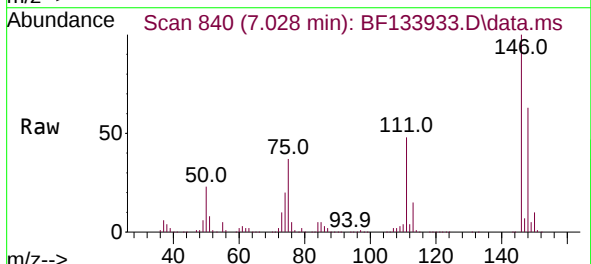
Tgt Ion:146 Resp: 328039

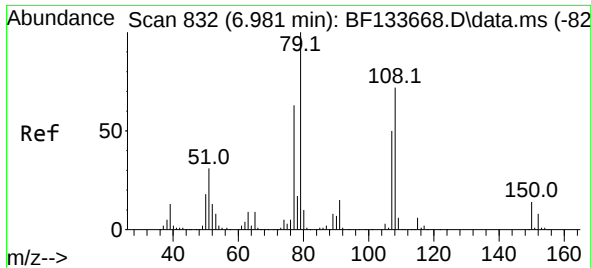
Ion Ratio Lower Upper

146 100

148 63.1 50.6 75.8

111 48.1 38.7 58.1





#15
Benzyl Alcohol
Concen: 41.719 ng
RT: 7.004 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Instrument :

BNA_F

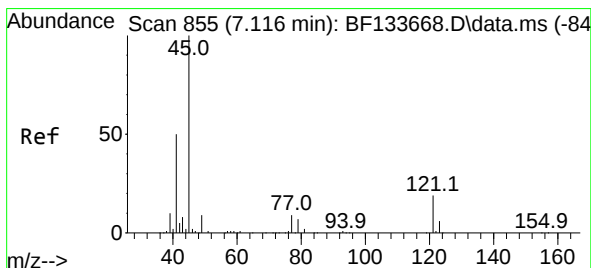
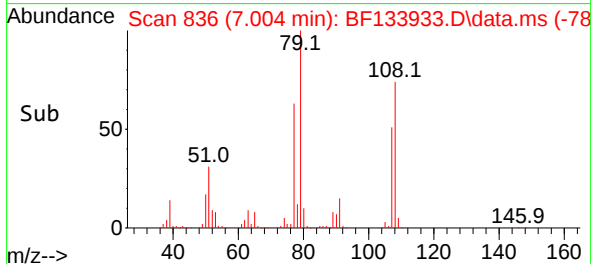
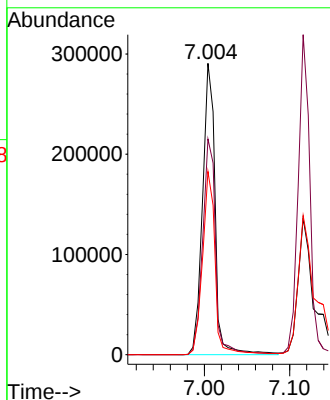
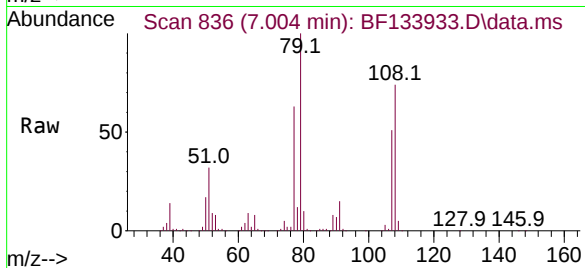
ClientSampleId :

PB153615BS

Tgt Ion: 79 Resp: 296800
Ion Ratio Lower Upper
79 100
108 74.0 57.9 86.9
77 62.9 50.4 75.6

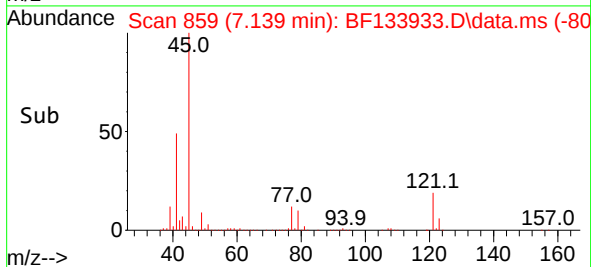
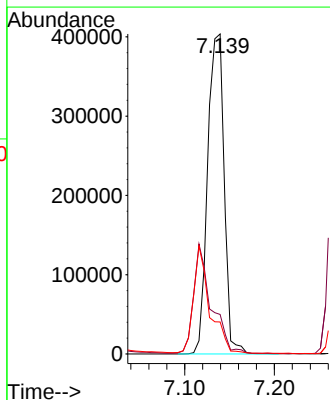
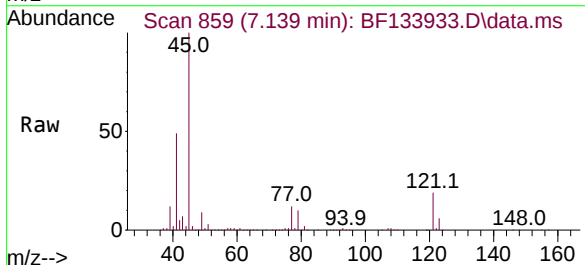
Manual Integrations
APPROVED

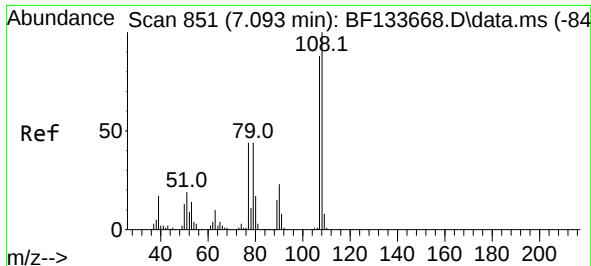
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.083 ng
RT: 7.139 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Tgt Ion: 45 Resp: 515709
Ion Ratio Lower Upper
45 100
77 12.4 0.0 32.3
79 10.0 0.0 29.4





#17

2-Methylphenol

Concen: 40.721 ng

RT: 7.116 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF133933.D

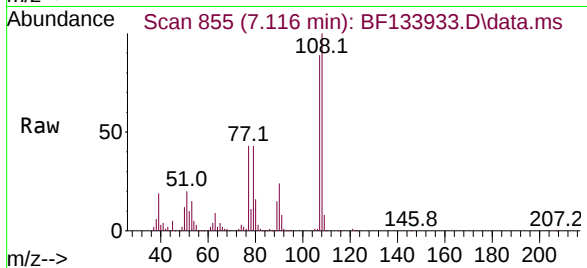
Acq: 23 Jun 2023 09:44

Instrument :

BNA_F

ClientSampleId :

PB153615BS



Tgt Ion:107 Resp: 26617

Ion Ratio Lower Upper

107 100

108 112.9 90.9 136.3

77 49.0 39.8 59.6

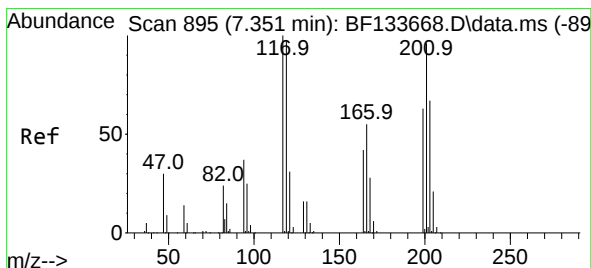
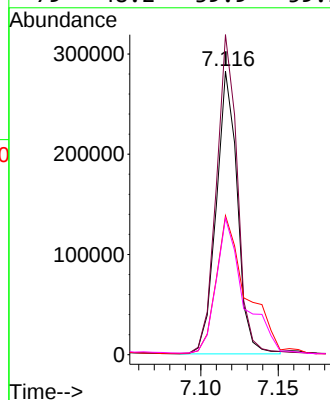
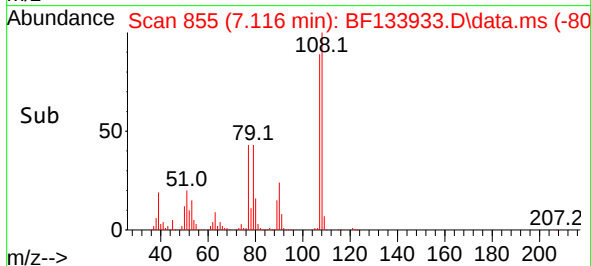
79 48.2 39.9 59.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2023

Supervised By :mohammad ahmed 06/27/2023



#18

Hexachloroethane

Concen: 47.505 ng

RT: 7.369 min Scan# 898

Delta R.T. 0.000 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

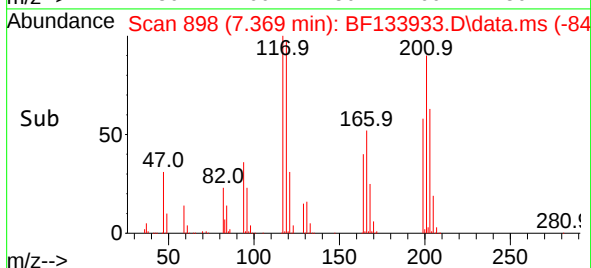
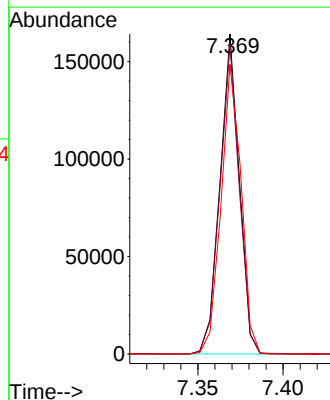
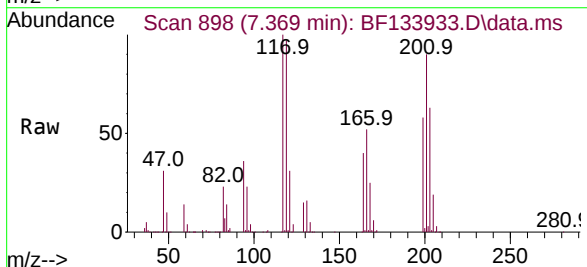
Tgt Ion:117 Resp: 129520

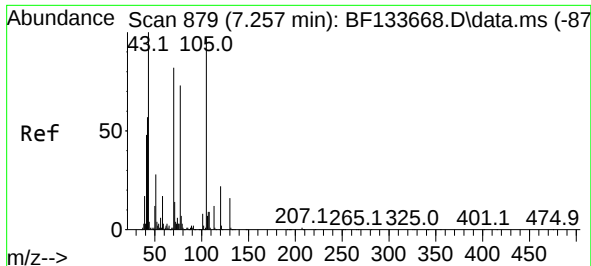
Ion Ratio Lower Upper

117 100

119 96.6 77.3 115.9

201 90.5 76.8 115.2





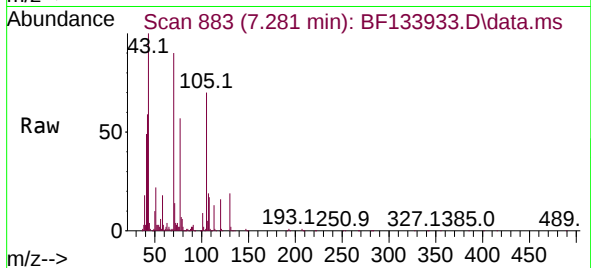
#19
n-Nitroso-di-n-propylamine
Concen: 39.132 ng
RT: 7.281 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Instrument :

BNA_F

ClientSampleId :

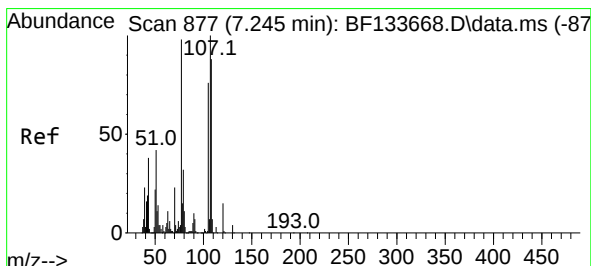
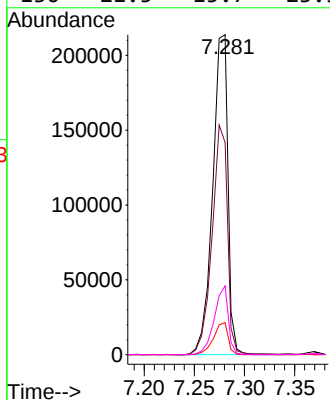
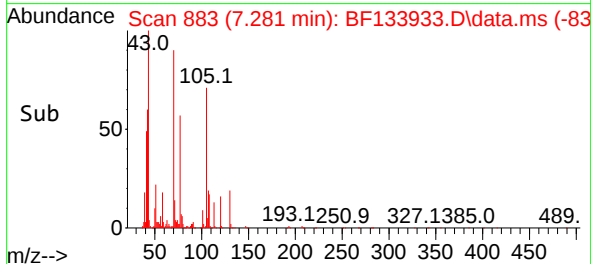
PB153615BS



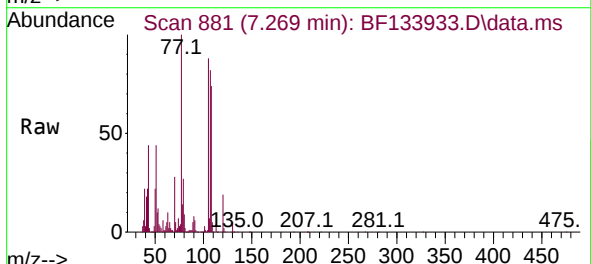
Tgt Ion: 70 Resp: 22679
Ion Ratio Lower Upper
70 100
42 66.3 55.8 83.8
101 10.0 8.1 12.1
130 21.5 15.7 23.5

Manual Integrations
APPROVED

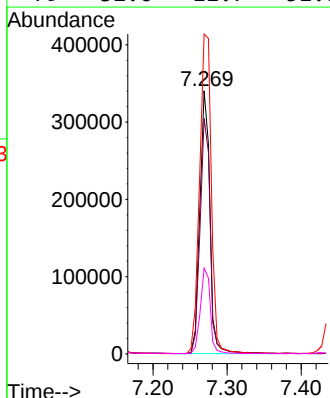
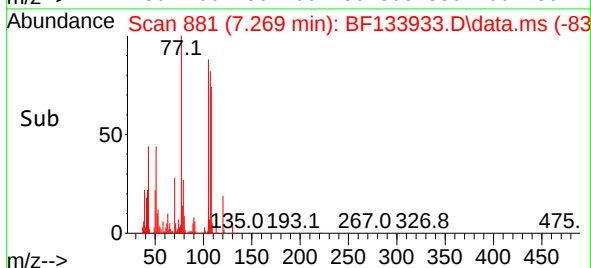
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

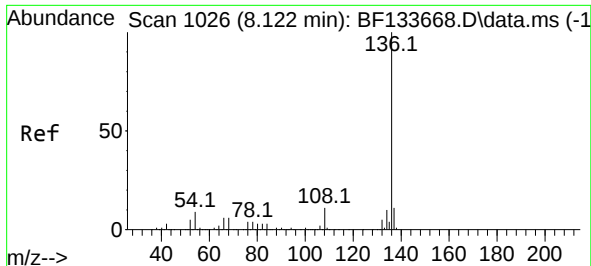


#20
3+4-Methylphenols
Concen: 37.593 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44



Tgt Ion:107 Resp: 319669
Ion Ratio Lower Upper
107 100
108 89.5 67.9 107.9
77 121.6 77.7 117.7#
79 32.6 11.7 51.7





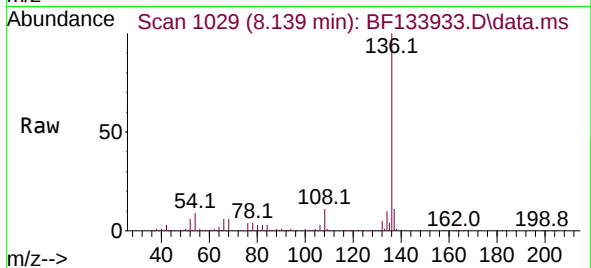
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Instrument :

BNA_F

ClientSampleId :

PB153615BS

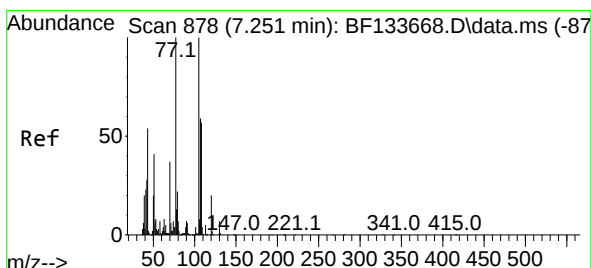
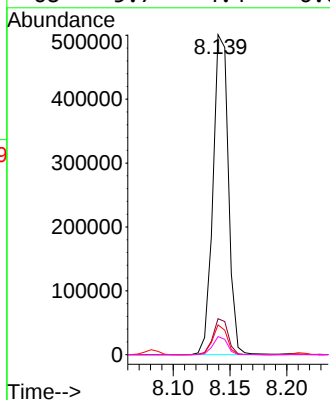
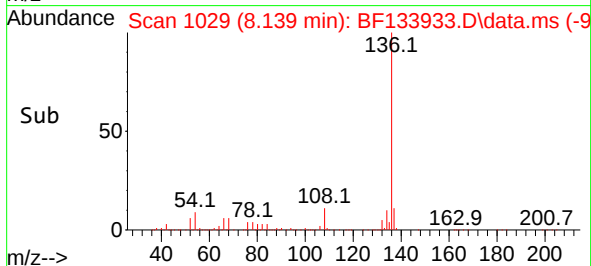


Tgt Ion:136 Resp: 47383
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 9.3 7.4 11.0
68 5.7 4.4 6.6

Manual Integrations

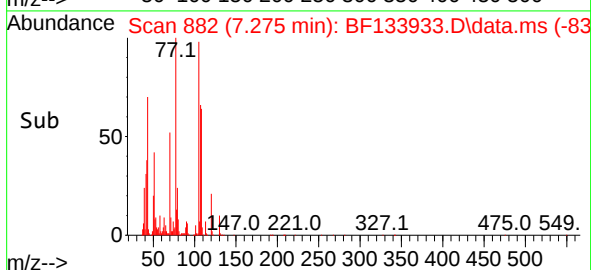
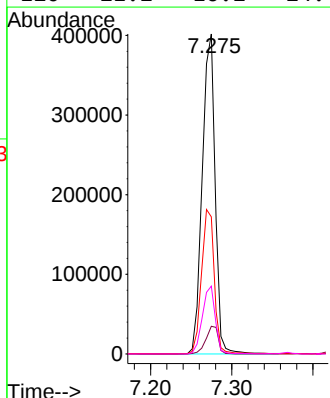
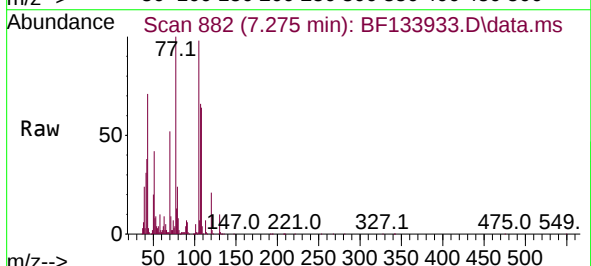
APPROVED

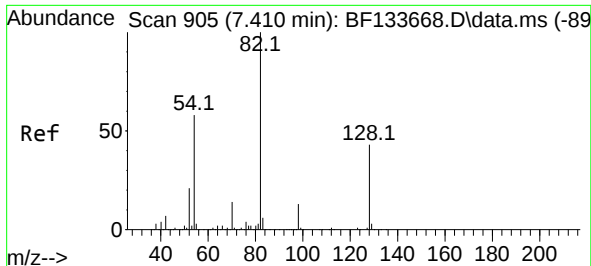
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#22
Acetophenone
Concen: 40.821 ng
RT: 7.275 min Scan# 882
Delta R.T. 0.006 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Tgt Ion:105 Resp: 443620
Ion Ratio Lower Upper
105 100
71 8.7 4.8 7.2#
51 42.8 33.0 49.4
120 21.2 16.2 24.4





#23
Nitrobenzene-d5
Concen: 77.907 ng
RT: 7.428 min Scan# 905
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Instrument :

BNA_F

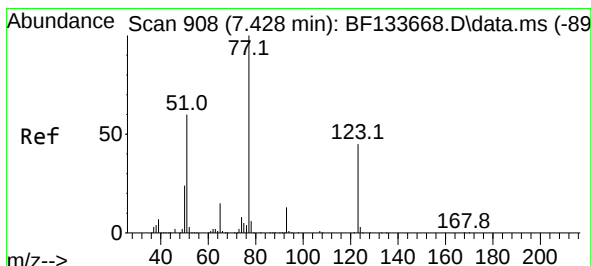
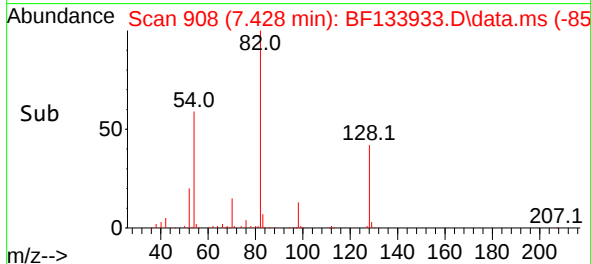
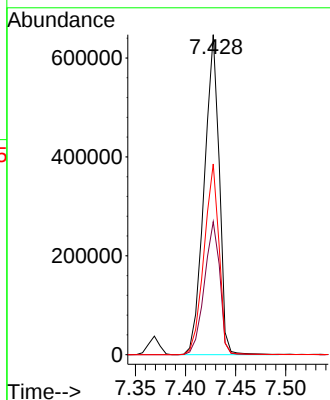
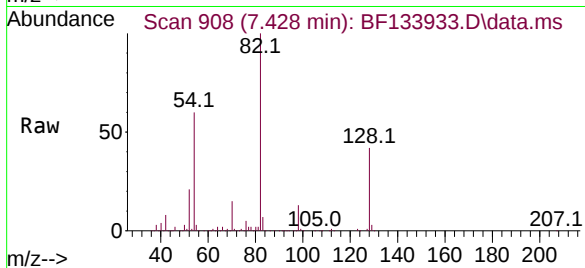
ClientSampleId :

PB153615BS

Tgt Ion: 82 Resp: 67774
Ion Ratio Lower Upper
82 100
128 41.6 34.2 51.2
54 59.6 46.5 69.7

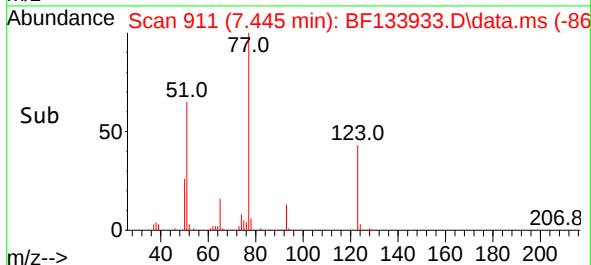
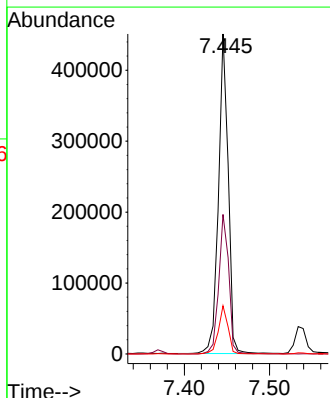
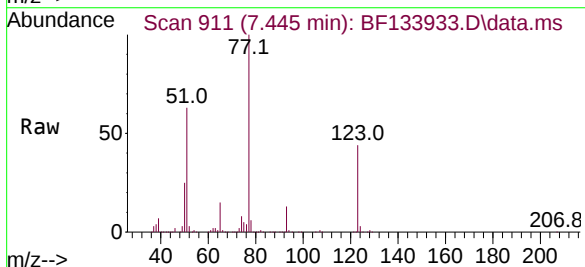
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#24
Nitrobenzene
Concen: 40.648 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

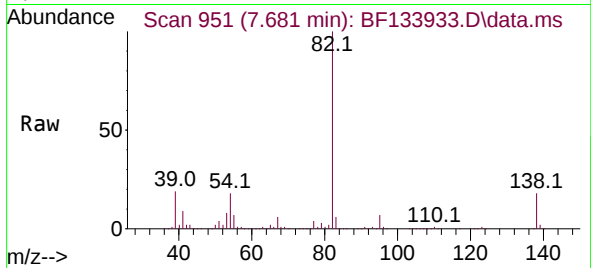
Tgt Ion: 77 Resp: 356067
Ion Ratio Lower Upper
77 100
123 43.6 35.8 53.8
65 15.0 11.6 17.4





#25
Isophorone
Concen: 39.909 ng
RT: 7.681 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

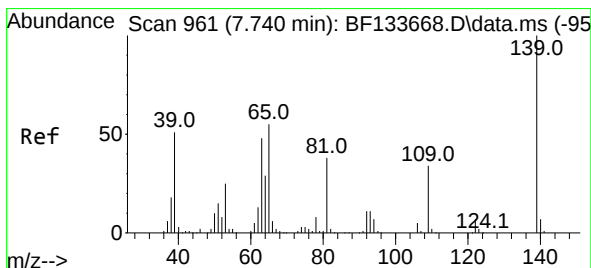
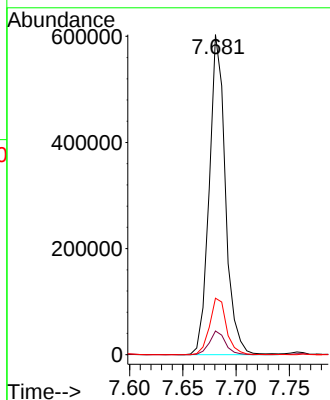
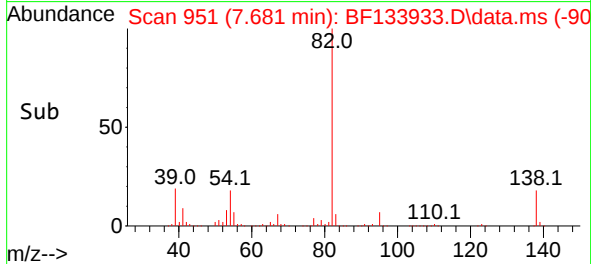
Instrument :
BNA_F
ClientSampleId :
PB153615BS



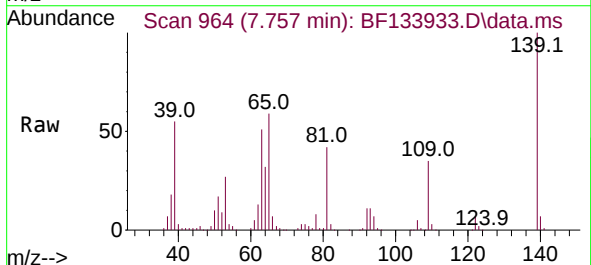
Tgt Ion: 82 Resp: 637394
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 17.6 14.2 21.2

Manual Integrations
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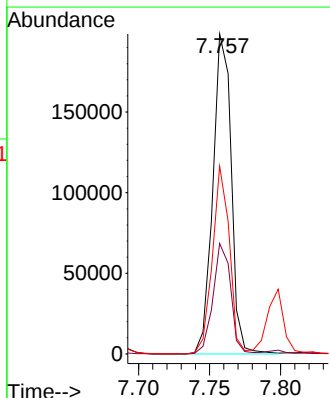
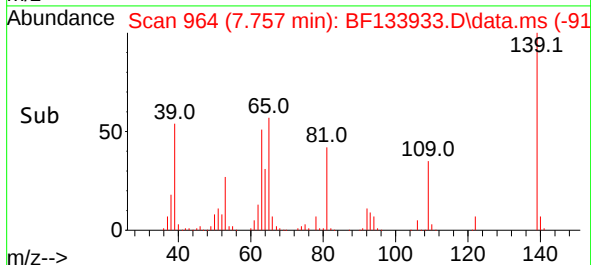
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

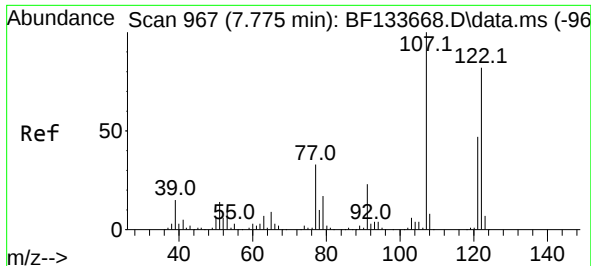


#26
2-Nitrophenol
Concen: 45.294 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44



Tgt Ion:139 Resp: 178064
Ion Ratio Lower Upper
139 100
109 34.5 27.0 40.6
65 58.7 44.2 66.4





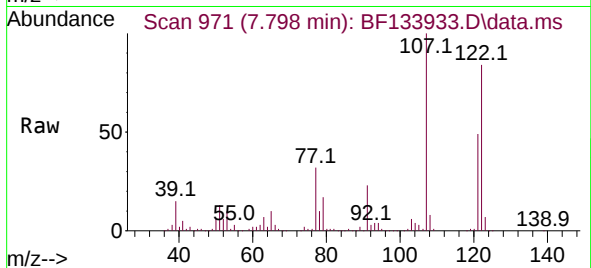
#27
2,4-Dimethylphenol
Concen: 41.265 ng
RT: 7.798 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Instrument :

BNA_F

ClientSampleId :

PB153615BS



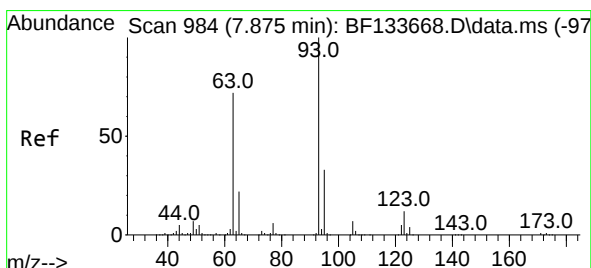
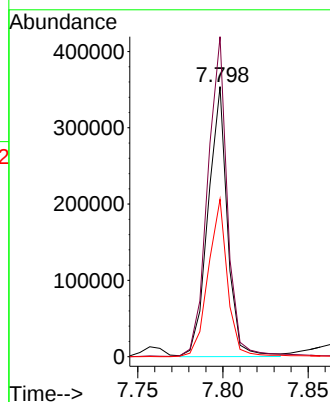
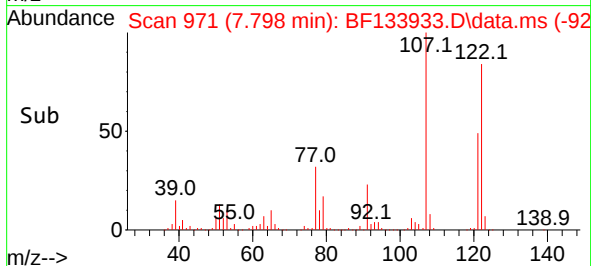
Tgt Ion:122 Resp: 27961
Ion Ratio Lower Upper
122 100
107 118.5 97.8 146.6
121 58.3 46.1 69.1

Manual Integrations

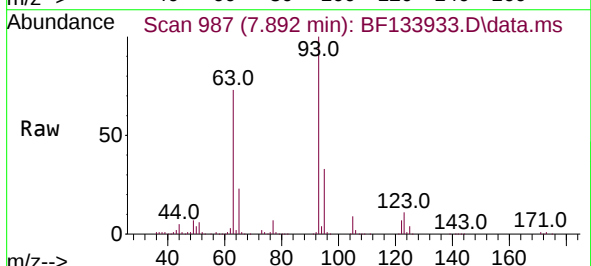
APPROVED

Reviewed By :Yogesh Patel 06/26/2023

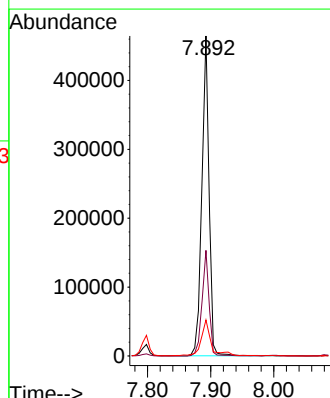
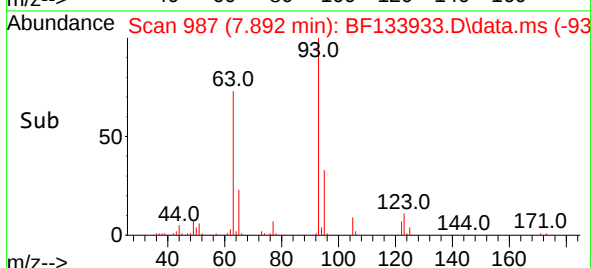
Supervised By :mohammad ahmed 06/27/2023

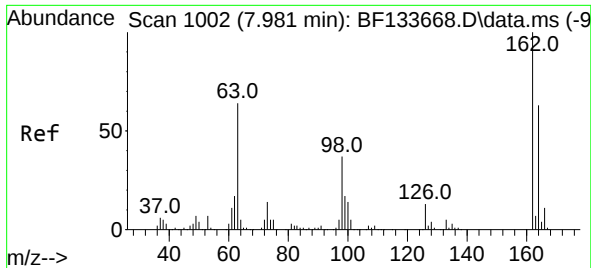


#28
bis(2-Chloroethoxy)methane
Concen: 39.723 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44



Tgt Ion: 93 Resp: 366676
Ion Ratio Lower Upper
93 100
95 33.0 26.4 39.6
123 11.2 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 41.122 ng

RT: 7.998 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

Instrument :

BNA_F

ClientSampleId :

PB153615BS

Tgt Ion:162 Resp: 273094

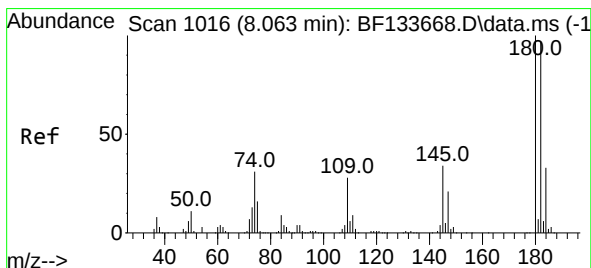
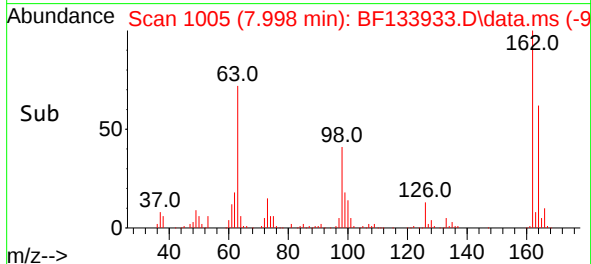
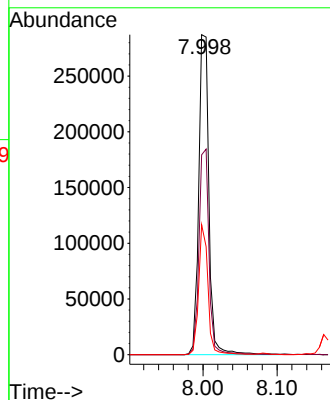
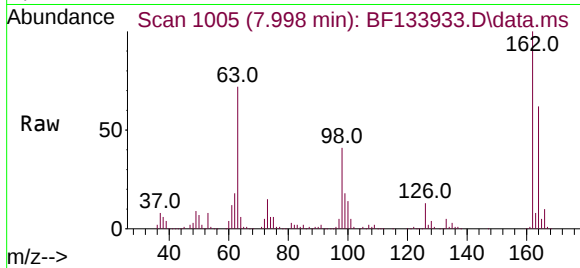
Ion	Ratio	Lower	Upper
162	100		
164	62.5	43.4	83.4
98	40.6	17.4	57.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2023

Supervised By :mohammad ahmed 06/27/2023



#30

1,2,4-Trichlorobenzene

Concen: 41.179 ng

RT: 8.081 min Scan# 1019

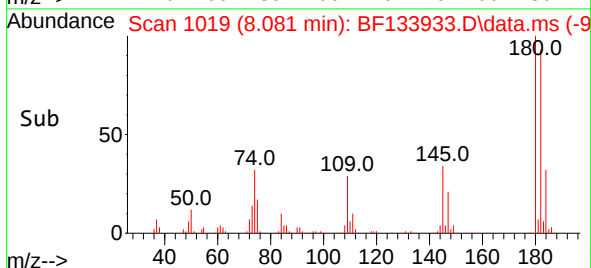
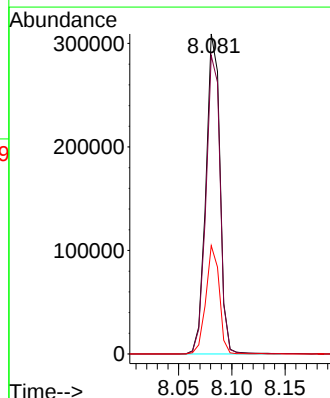
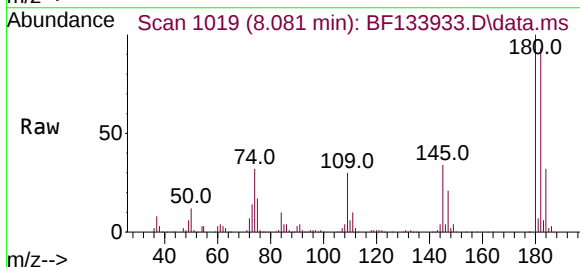
Delta R.T. 0.000 min

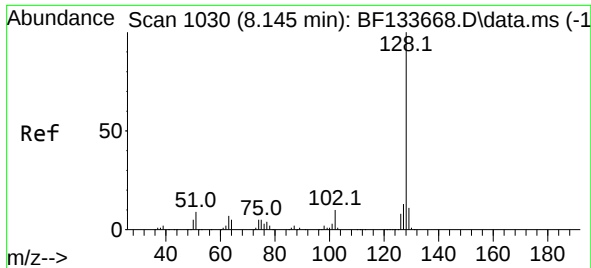
Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

Tgt Ion:180 Resp: 285318

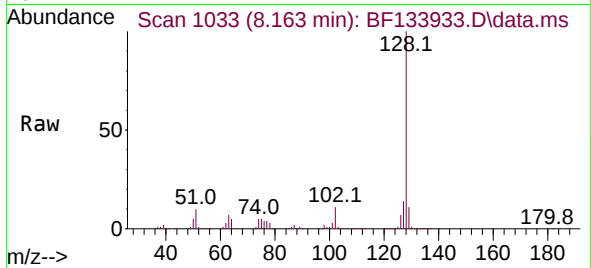
Ion	Ratio	Lower	Upper
180	100		
182	93.3	77.8	116.8
145	33.9	27.0	40.4





#31
Naphthalene
Concen: 39.252 ng
RT: 8.163 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

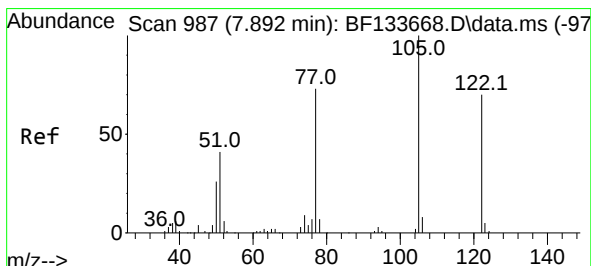
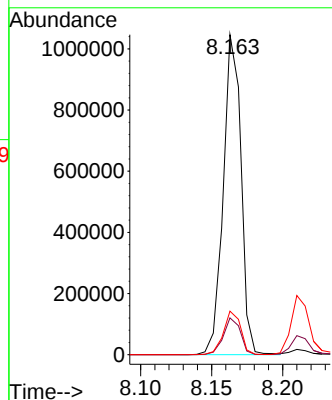
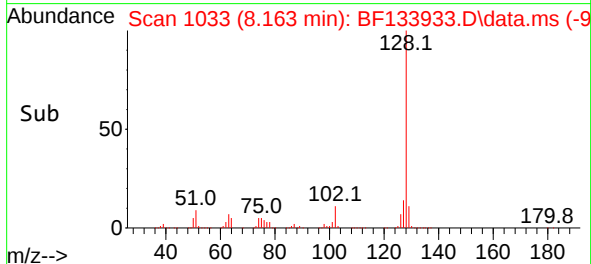
Instrument :
BNA_F
ClientSampleId :
PB153615BS



Tgt Ion:128 Resp: 906130
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 13.6 10.5 15.7

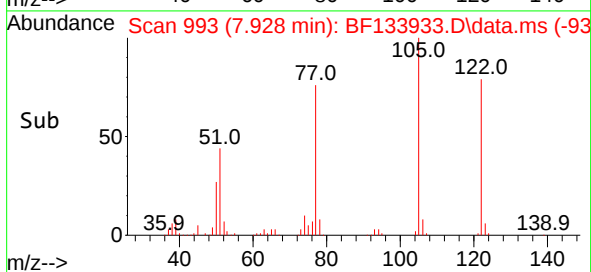
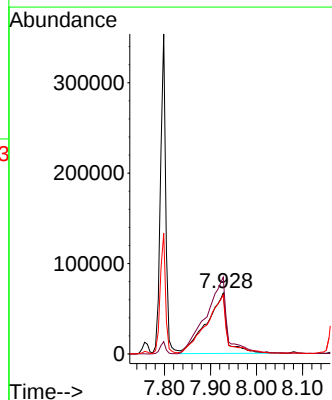
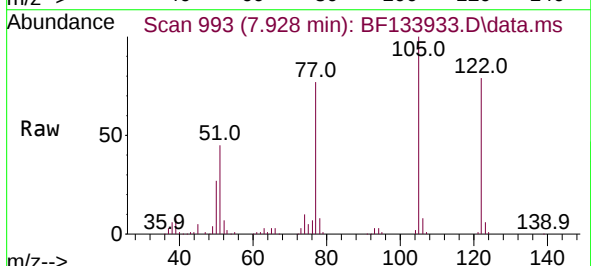
Manual Integrations
APPROVED

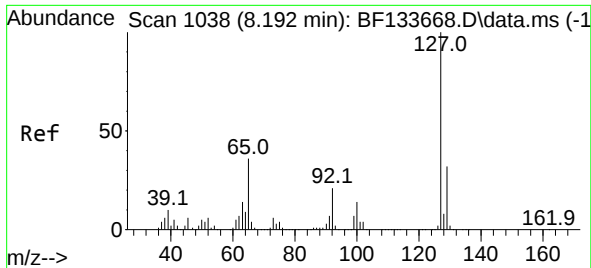
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#32
Benzoic acid
Concen: 49.548 ng
RT: 7.928 min Scan# 993
Delta R.T. 0.018 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Tgt Ion:122 Resp: 211744
Ion Ratio Lower Upper
122 100
105 126.2 116.3 156.3
77 97.2 82.4 122.4





#33
4-Chloroaniline
Concen: 18.656 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Instrument :

BNA_F

ClientSampleId :

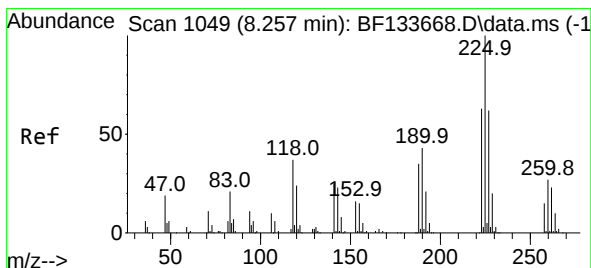
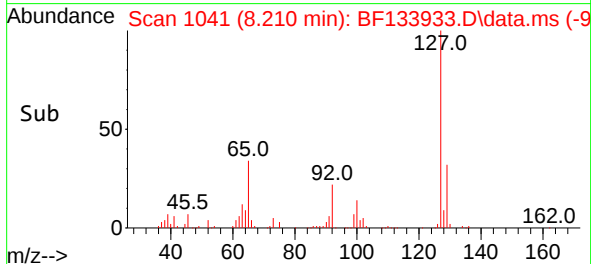
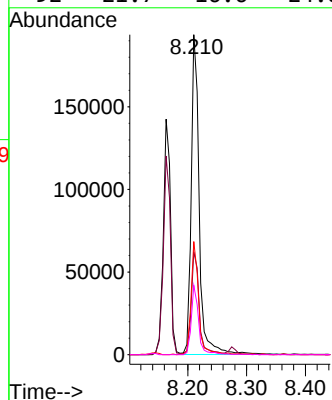
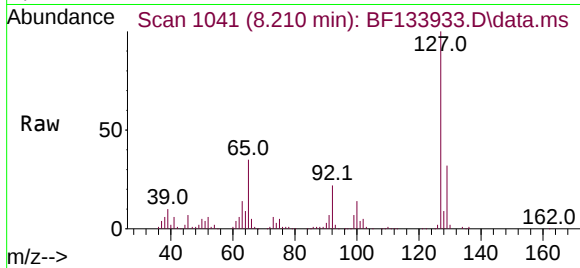
PB153615BS

Tgt Ion:127 Resp: 184150
Ion Ratio Lower Upper
127 100
129 32.1 25.6 38.4
65 35.3 28.9 43.3
92 21.7 16.6 24.8

Manual Integrations

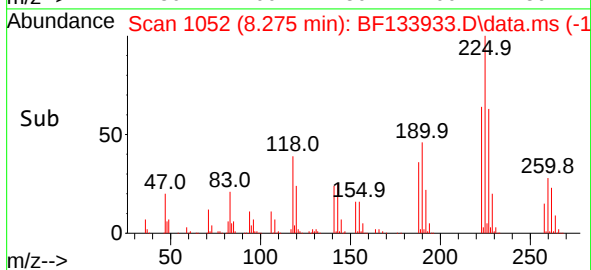
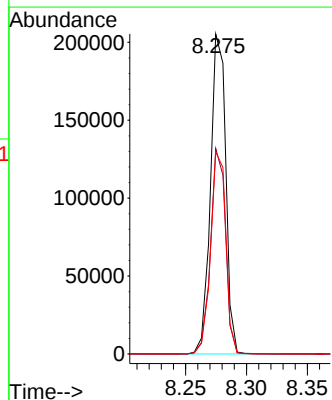
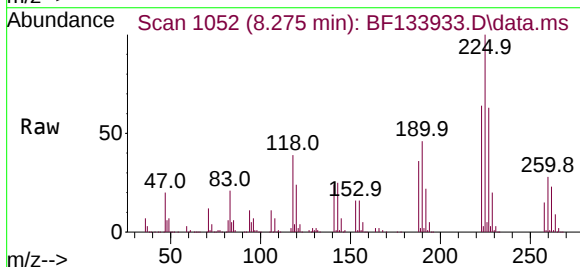
APPROVED

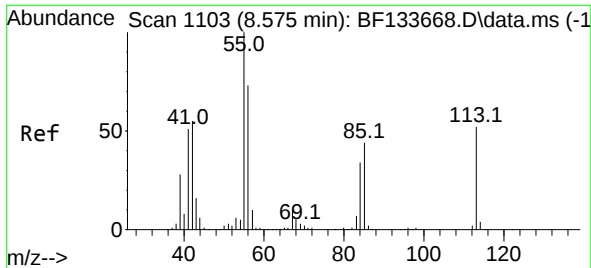
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#34
Hexachlorobutadiene
Concen: 39.468 ng
RT: 8.275 min Scan# 1052
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Tgt Ion:225 Resp: 179044
Ion Ratio Lower Upper
225 100
223 64.2 50.2 75.4
227 63.1 49.5 74.3





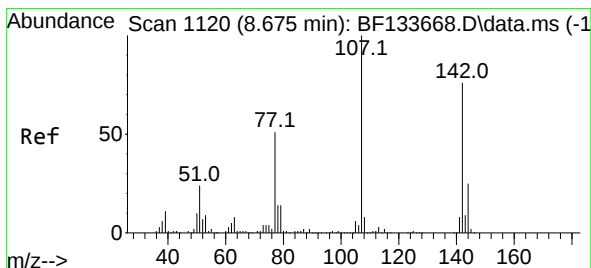
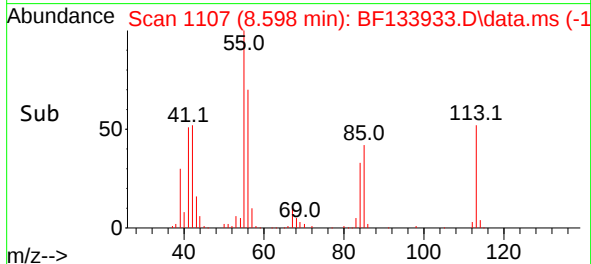
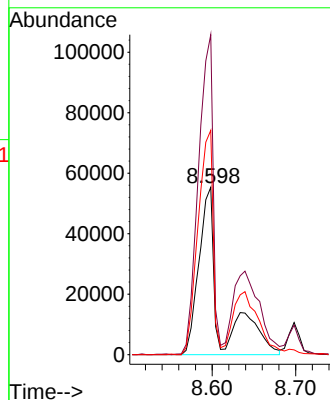
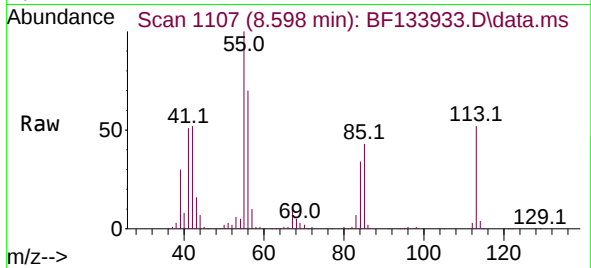
#35
Caprolactam
Concen: 43.410 ng m
RT: 8.598 min Scan# 1107
Delta R.T. 0.012 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Instrument :
BNA_F
ClientSampleId :
PB153615BS

Tgt Ion:113 Resp: 9700
Ion Ratio Lower Upper
113 100
55 191.2 173.3 213.3
56 134.1 120.5 160.5

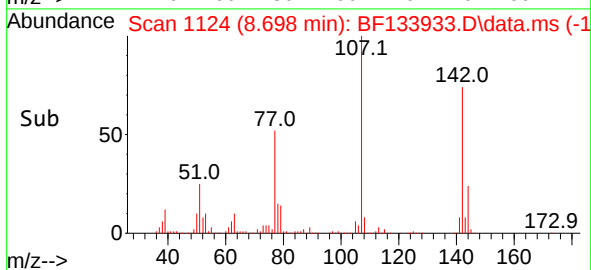
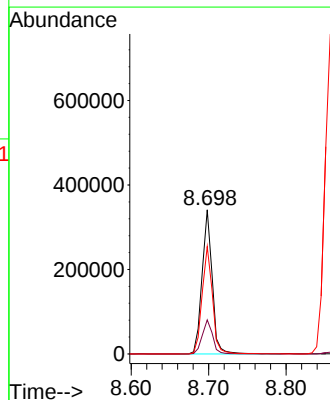
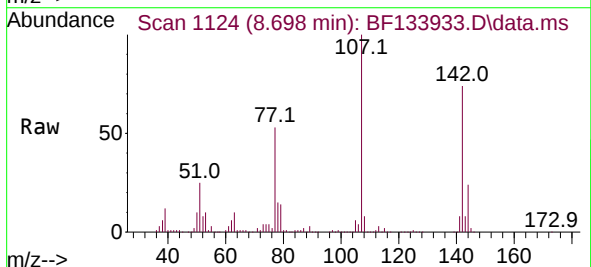
Manual Integrations
APPROVED

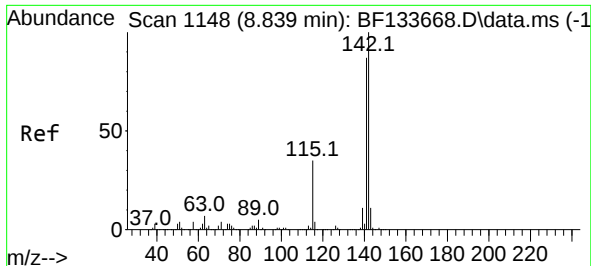
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#36
4-Chloro-3-methylphenol
Concen: 40.645 ng
RT: 8.698 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Tgt Ion:107 Resp: 311133
Ion Ratio Lower Upper
107 100
144 23.7 19.7 29.5
142 74.4 61.1 91.7





#37

2-Methylnaphthalene

Concen: 38.505 ng

RT: 8.857 min Scan# 1148

Delta R.T. 0.000 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

Instrument :

BNA_F

ClientSampleId :

PB153615BS

Tgt Ion:142 Resp: 61761

Ion Ratio Lower Upper

142 100

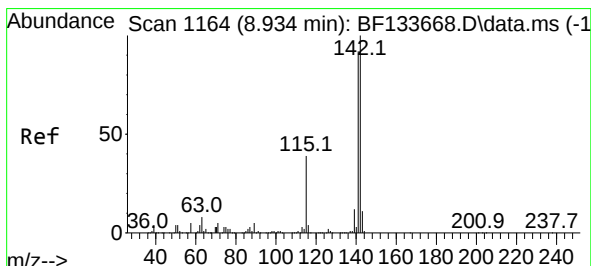
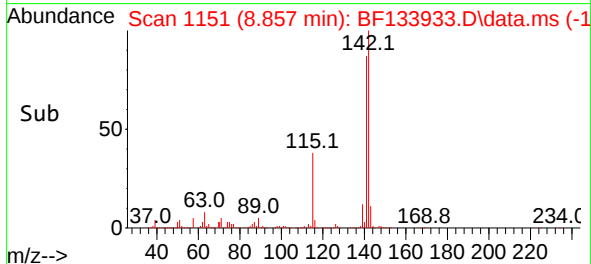
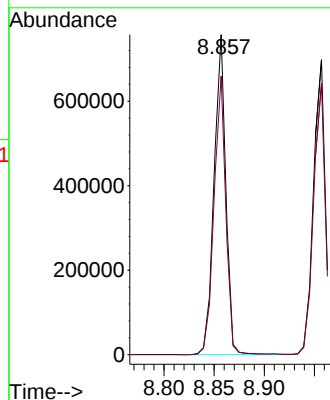
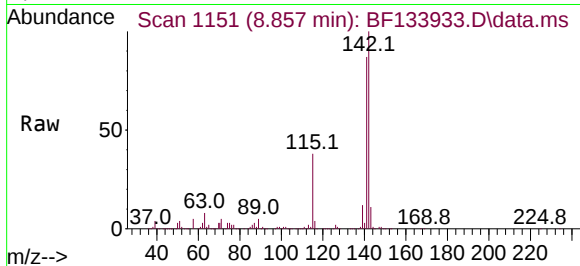
141 87.0 69.8 104.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2023

Supervised By :mohammad ahmed 06/27/2023



#38

1-Methylnaphthalene

Concen: 38.517 ng

RT: 8.957 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF133933.D

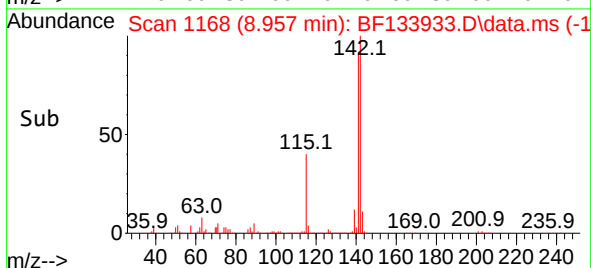
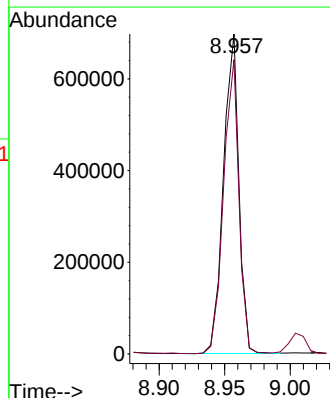
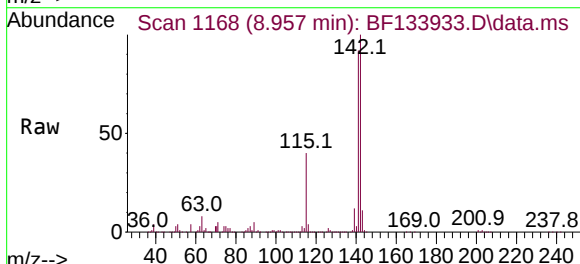
Acq: 23 Jun 2023 09:44

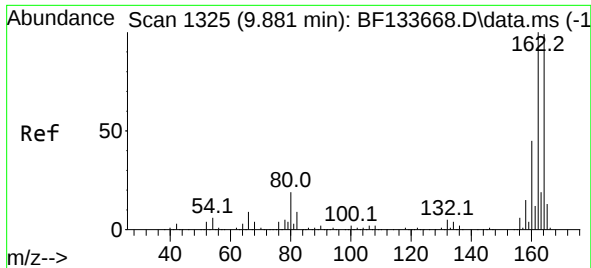
Tgt Ion:142 Resp: 568503

Ion Ratio Lower Upper

142 100

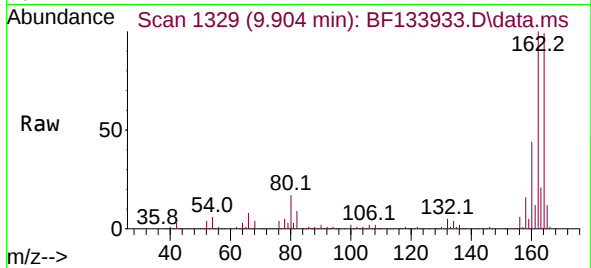
141 92.0 73.4 110.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

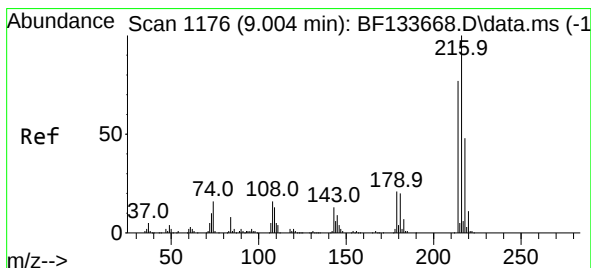
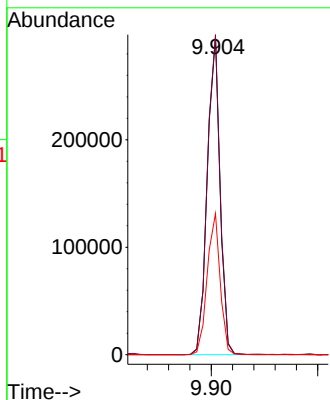
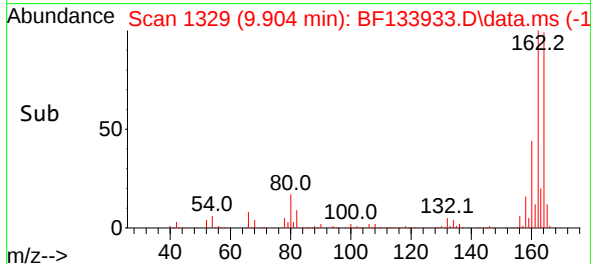
Instrument :
BNA_F
ClientSampleId :
PB153615BS



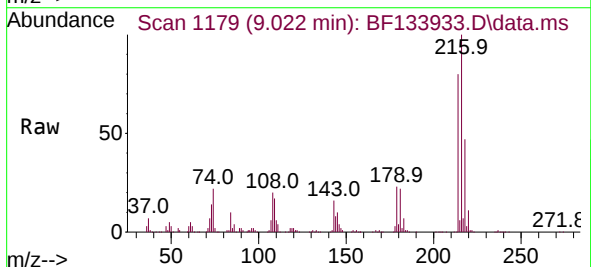
Tgt Ion:164 Resp: 24615
Ion Ratio Lower Upper
164 100
162 100.7 80.8 121.2
160 44.4 36.7 55.1

Manual Integrations
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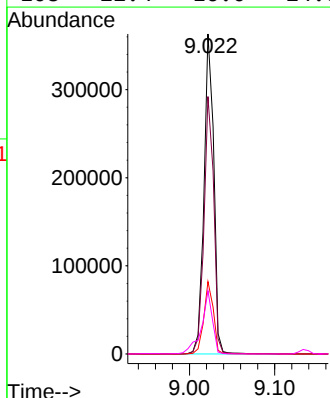
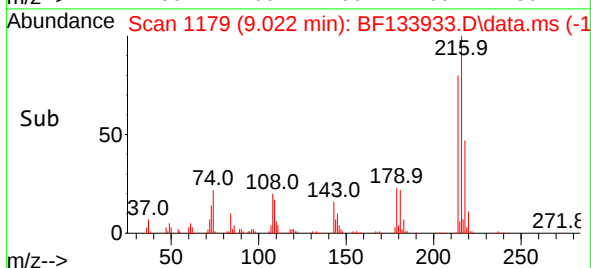
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.517 ng
RT: 9.022 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44



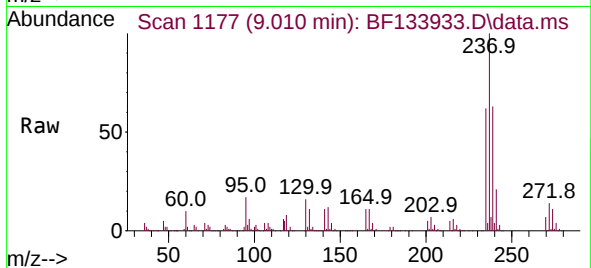
Tgt Ion:216 Resp: 288236
Ion Ratio Lower Upper
216 100
214 80.3 62.7 94.1
179 22.2 17.6 26.4
108 22.4 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 94.275 ng
RT: 9.010 min Scan# 1177
Delta R.T. 0.006 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

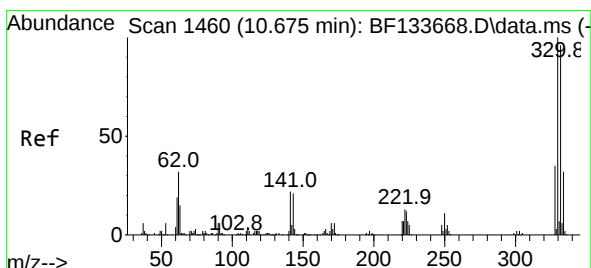
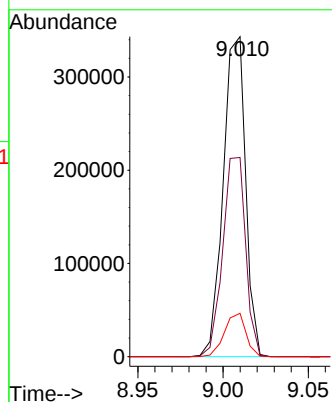
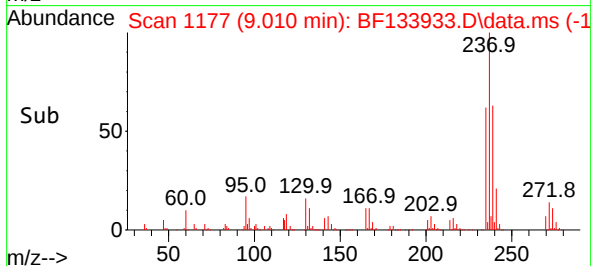
Instrument :
BNA_F
ClientSampleId :
PB153615BS



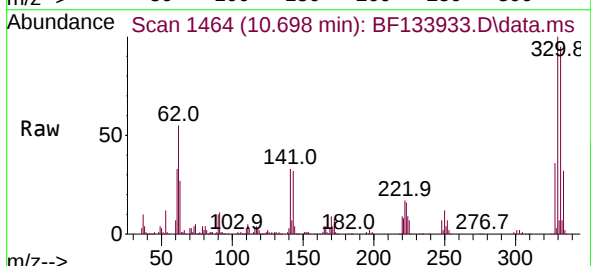
Tgt Ion:237 Resp: 314385
Ion Ratio Lower Upper
237 100
235 62.3 40.6 80.6
272 13.5 0.0 32.6

Manual Integrations
APPROVED

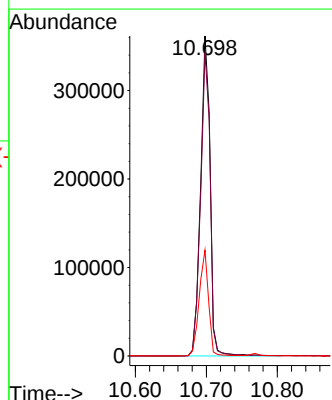
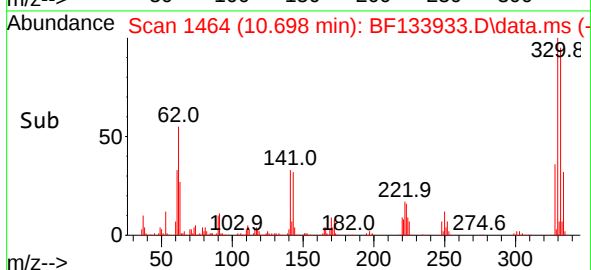
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#42
2,4,6-Tribromophenol
Concen: 108.965 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44



Tgt Ion:330 Resp: 339520
Ion Ratio Lower Upper
330 100
332 95.4 77.2 115.8
141 32.5 24.9 37.3





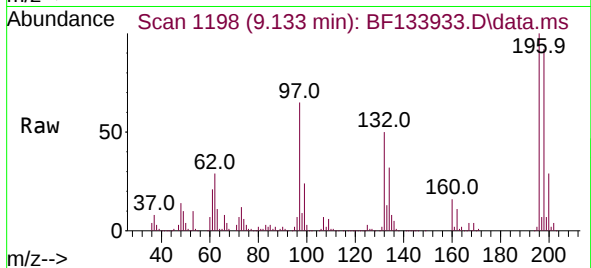
#43
2,4,6-Trichlorophenol
Concen: 39.733 ng
RT: 9.133 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Instrument :

BNA_F

ClientSampleId :

PB153615BS

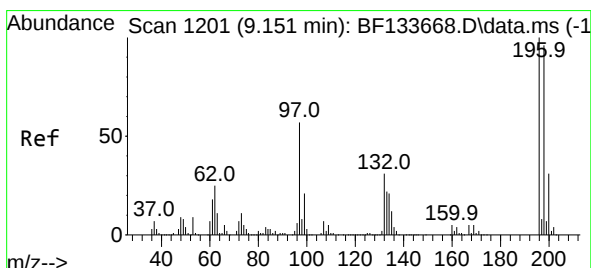
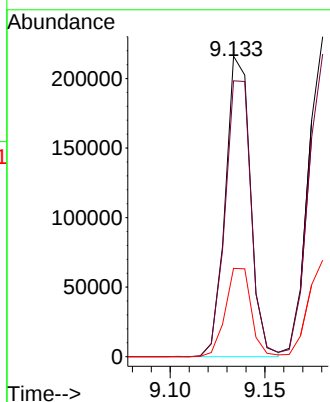
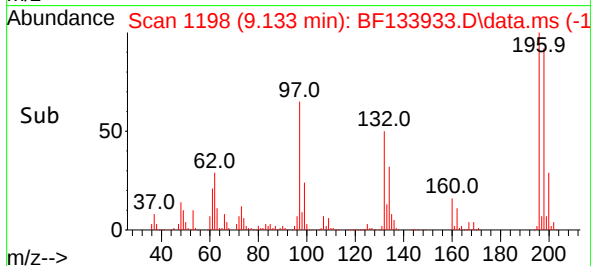


Tgt Ion:196 Resp: 198689
Ion Ratio Lower Upper
196 100
198 91.8 74.5 111.7
200 29.4 22.9 34.3

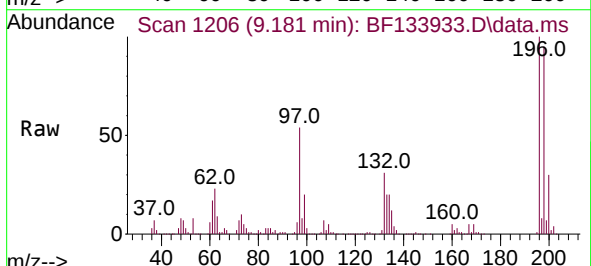
Manual Integrations

APPROVED

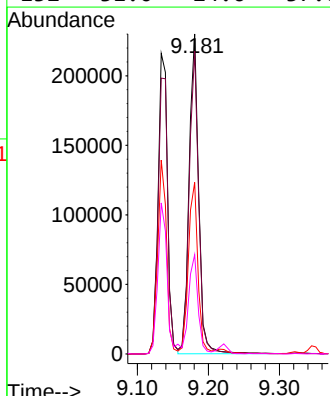
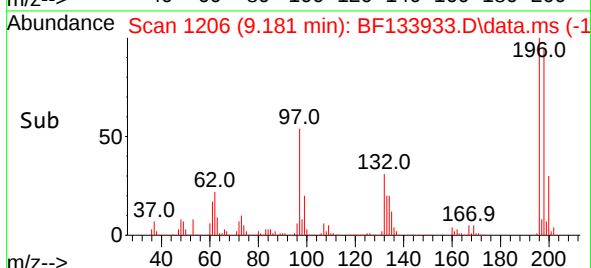
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

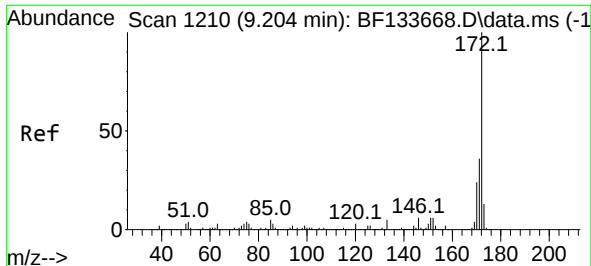


#44
2,4,5-Trichlorophenol
Concen: 37.157 ng
RT: 9.181 min Scan# 1206
Delta R.T. 0.006 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44



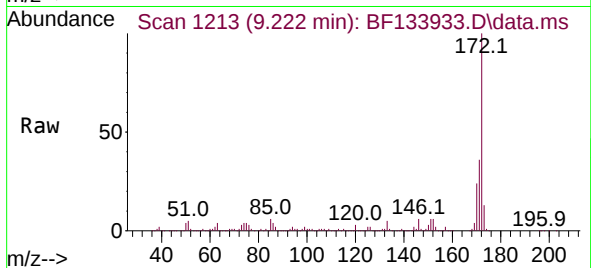
Tgt Ion:196 Resp: 216165
Ion Ratio Lower Upper
196 100
198 94.6 76.8 115.2
97 53.6 45.4 68.2
132 31.0 24.6 37.0





#45
2-Fluorobiphenyl
Concen: 70.732 ng
RT: 9.222 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

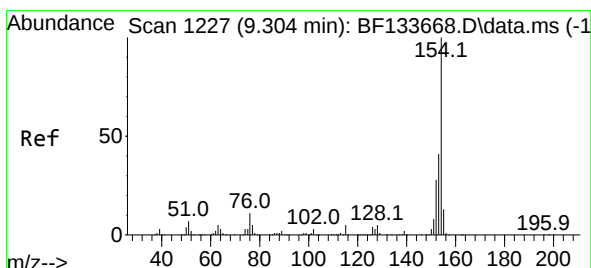
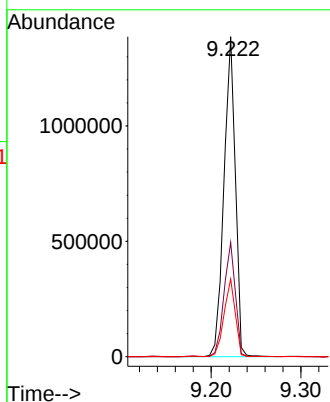
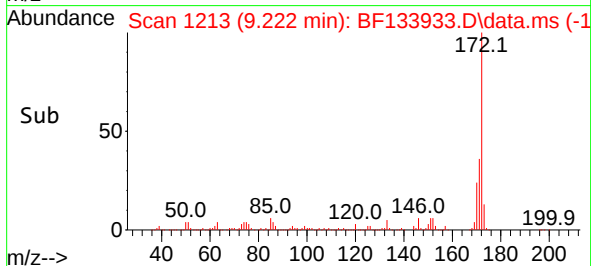
Instrument :
BNA_F
ClientSampleId :
PB153615BS



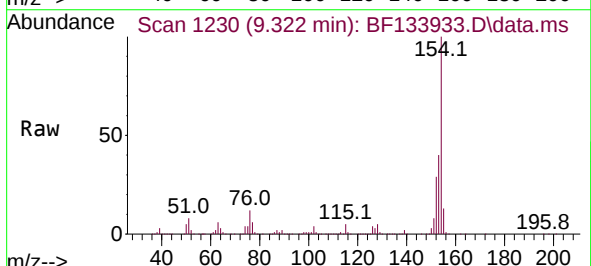
Tgt Ion:172 Resp: 122480
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 24.3 19.1 28.7

Manual Integrations
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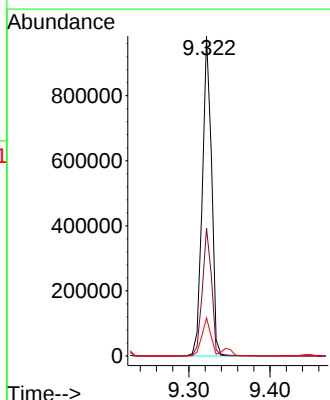
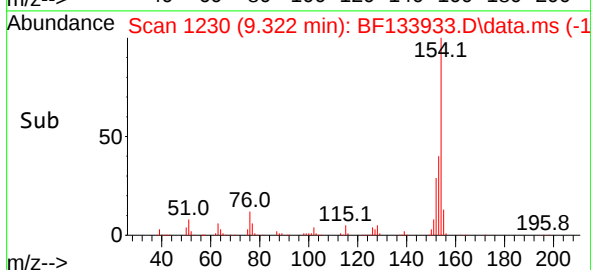
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

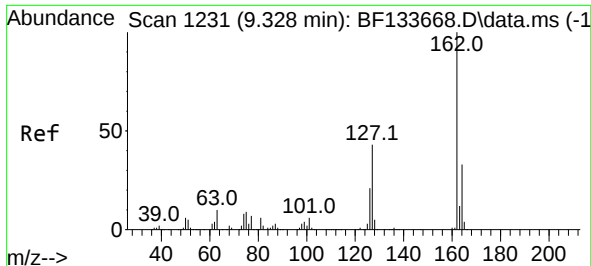


#46
1,1'-Biphenyl
Concen: 39.052 ng
RT: 9.322 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44



Tgt Ion:154 Resp: 775275
Ion Ratio Lower Upper
154 100
153 39.9 20.6 60.6
76 11.9 0.0 31.0





#47

2-Chloronaphthalene

Concen: 40.062 ng

RT: 9.351 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

Instrument :

BNA_F

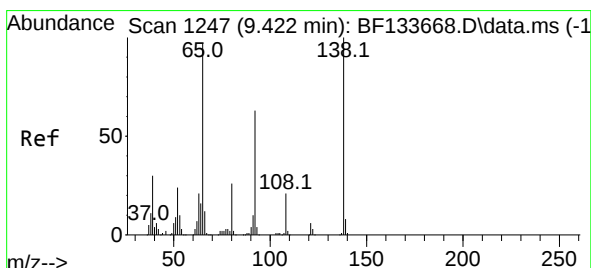
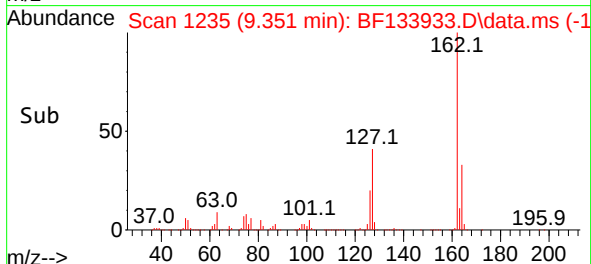
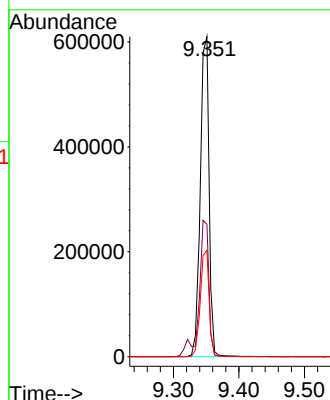
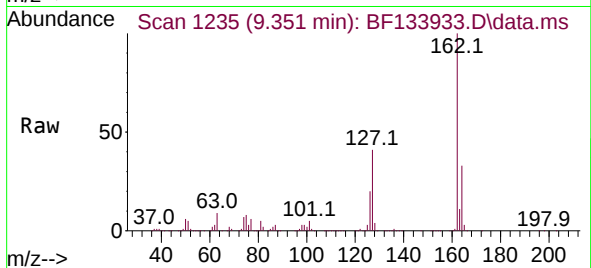
ClientSampleId :

PB153615BS

Tgt Ion:162 Resp: 57050
 Ion Ratio Lower Upper
 162 100
 127 41.4 34.6 52.0
 164 33.2 26.4 39.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :mohammad ahmed 06/27/2023



#48

2-Nitroaniline

Concen: 39.942 ng

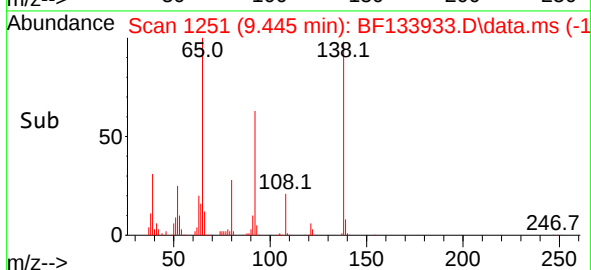
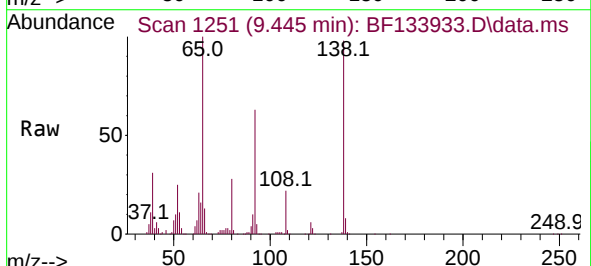
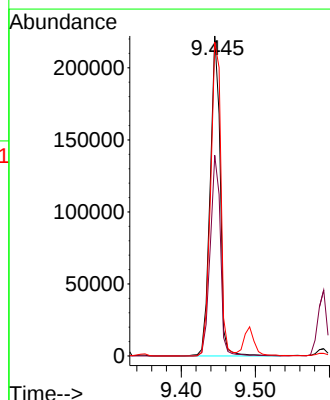
RT: 9.445 min Scan# 1251

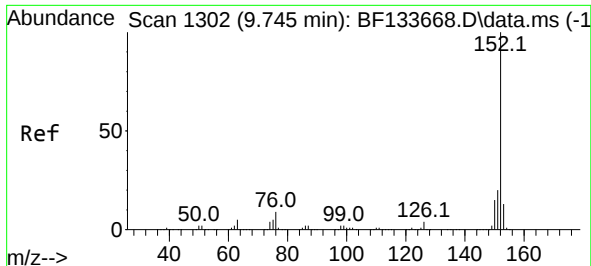
Delta R.T. 0.000 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

Tgt Ion: 65 Resp: 208026
 Ion Ratio Lower Upper
 65 100
 92 62.7 51.8 77.6
 138 98.0 82.1 123.1





#49
Acenaphthylene
Concen: 38.400 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Instrument :

BNA_F

ClientSampleId :

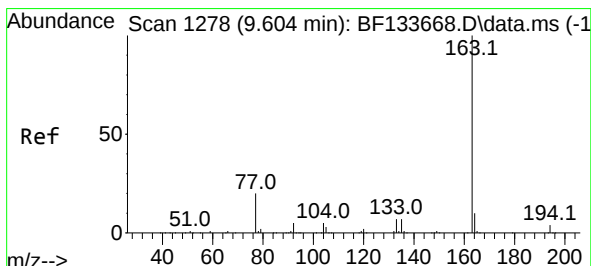
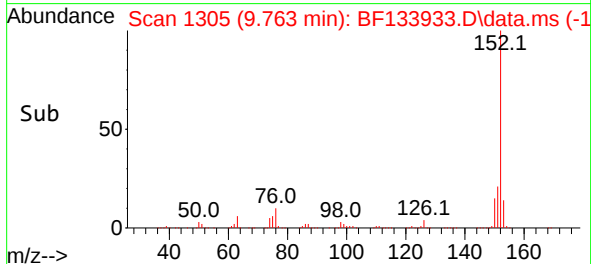
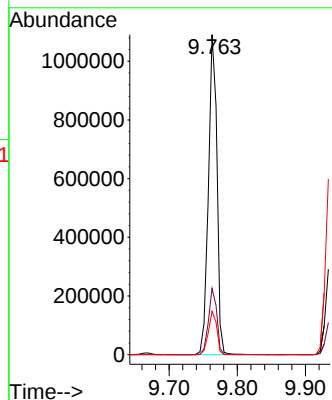
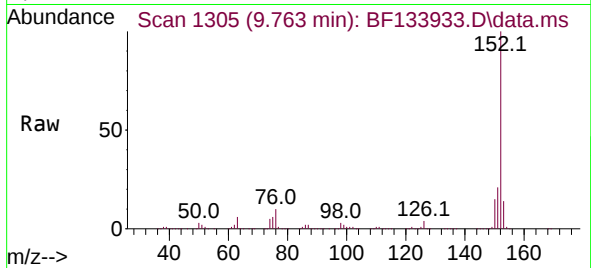
PB153615BS

Tgt Ion:152 Resp: 951774
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 13.6 10.4 15.6

Manual Integrations

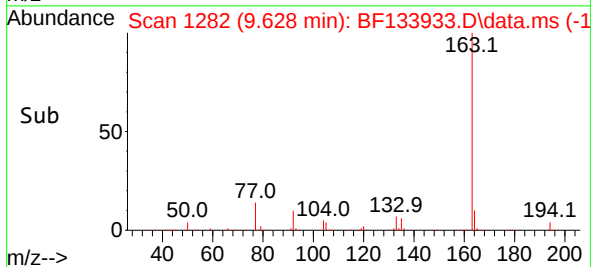
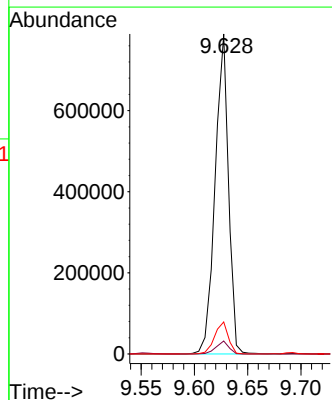
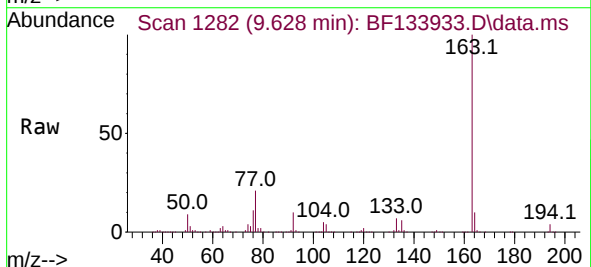
APPROVED

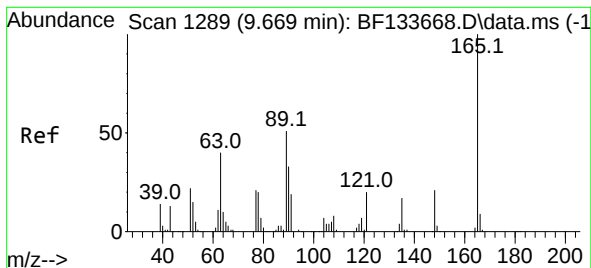
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#50
Dimethylphthalate
Concen: 37.398 ng
RT: 9.628 min Scan# 1282
Delta R.T. 0.006 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

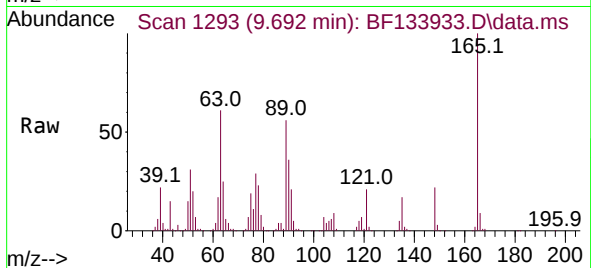
Tgt Ion:163 Resp: 687132
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.0 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 41.202 ng
RT: 9.692 min Scan# 1289
Delta R.T. 0.006 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

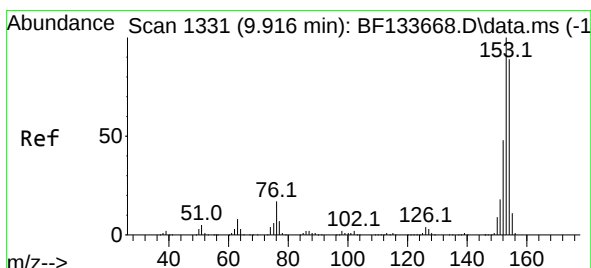
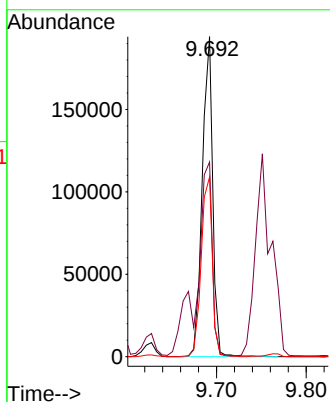
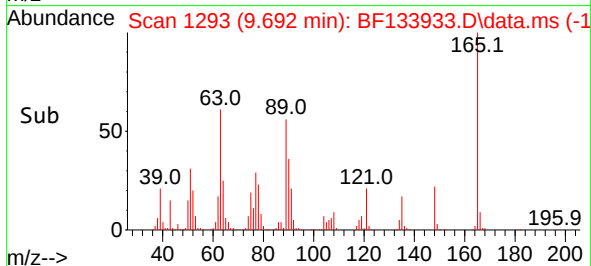
Instrument :
BNA_F
ClientSampleId :
PB153615BS



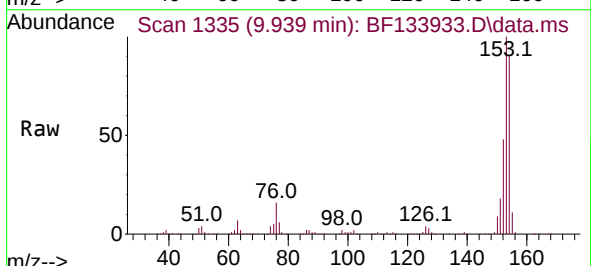
Tgt Ion:165 Resp: 156250
Ion Ratio Lower Upper
165 100
63 60.8 42.1 63.1
89 56.1 40.9 61.3

Manual Integrations
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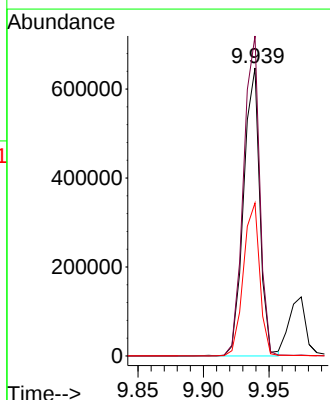
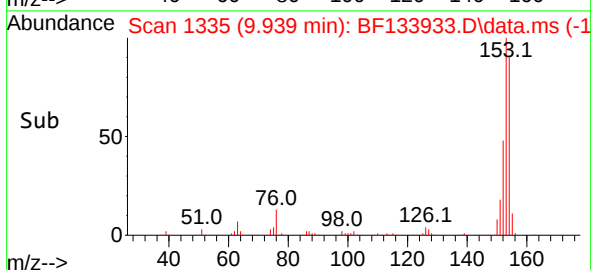
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

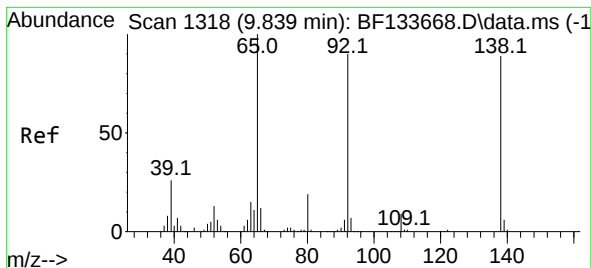


#52
Acenaphthene
Concen: 38.455 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44



Tgt Ion:154 Resp: 557904
Ion Ratio Lower Upper
154 100
153 111.1 89.8 134.8
152 53.1 43.4 65.2





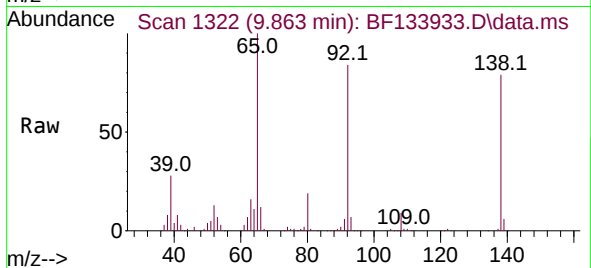
#53
3-Nitroaniline
Concen: 30.090 ng
RT: 9.863 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Instrument :

BNA_F

ClientSampleId :

PB153615BS

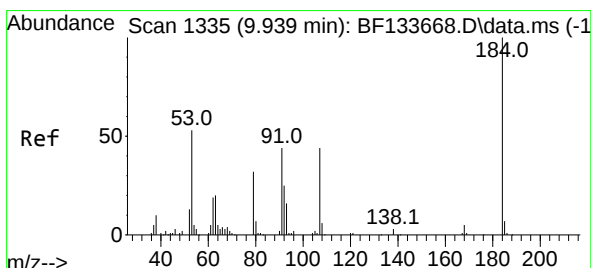
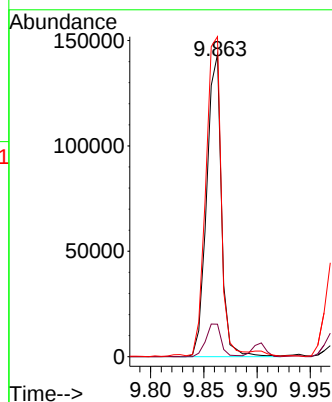
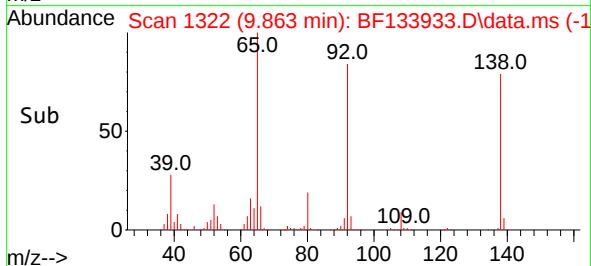


Tgt Ion:138 Resp: 13887
Ion Ratio Lower Upper
138 100
108 10.8 8.2 12.4
92 105.9 81.0 121.6

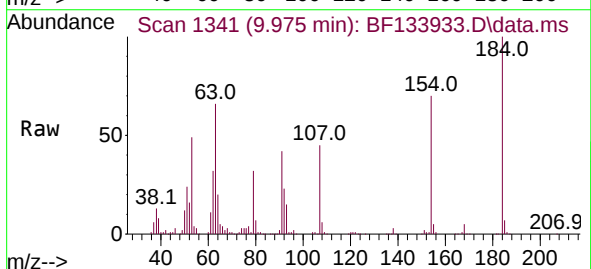
Manual Integrations

APPROVED

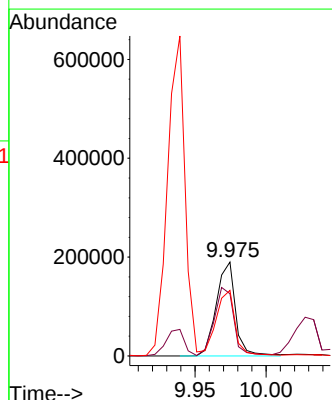
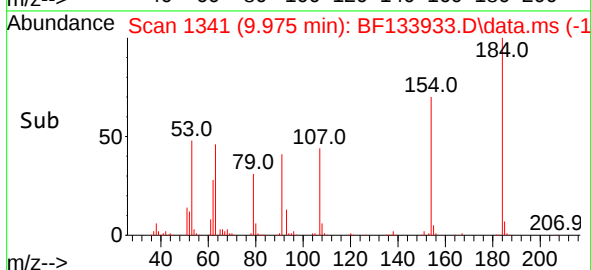
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

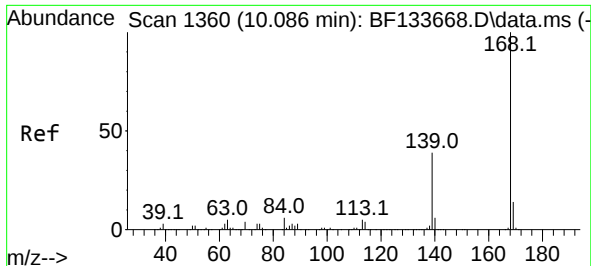


#54
2,4-Dinitrophenol
Concen: 95.375 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44



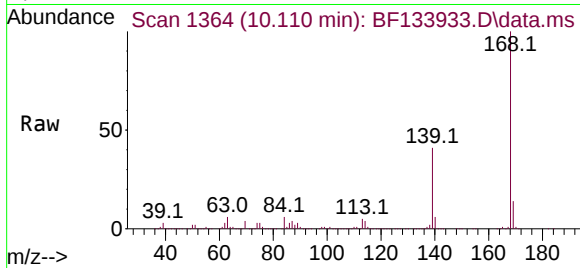
Tgt Ion:184 Resp: 178943
Ion Ratio Lower Upper
184 100
63 66.4 55.3 82.9
154 69.9 51.9 77.9





#55
Dibenzenofuran
Concen: 38.274 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

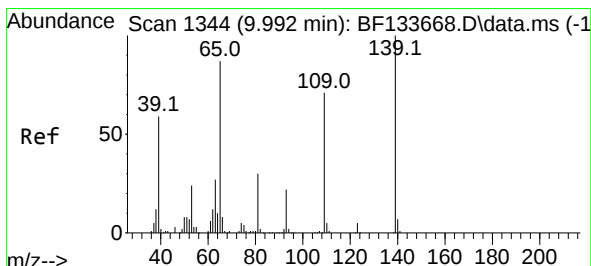
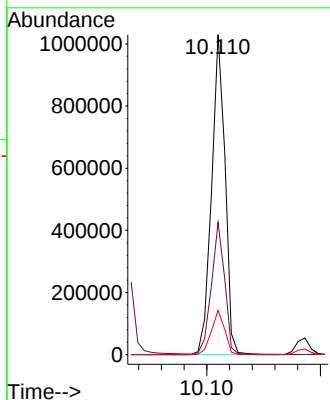
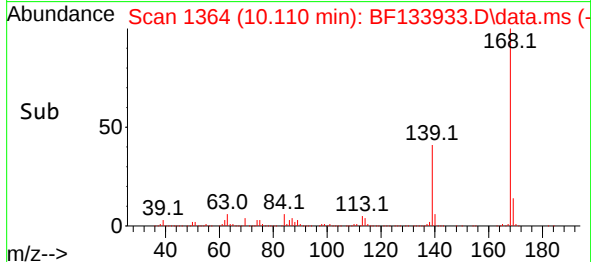
Instrument :
BNA_F
ClientSampleId :
PB153615BS



Tgt Ion:168 Resp: 847297
Ion Ratio Lower Upper
168 100
139 41.4 30.9 46.3
169 13.8 10.9 16.3

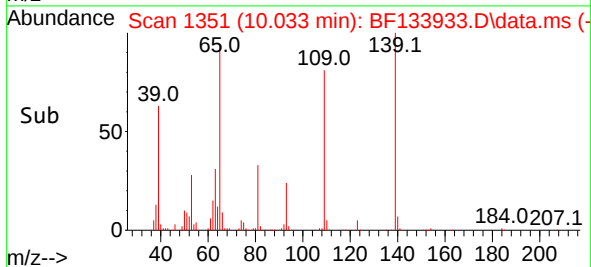
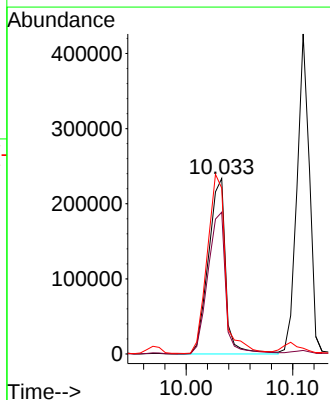
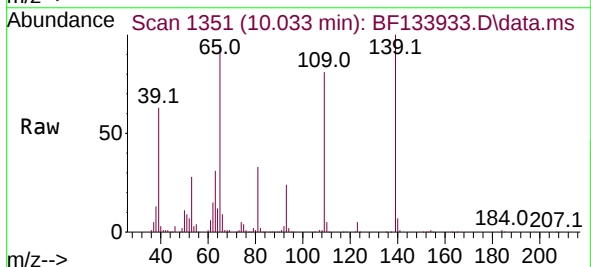
Manual Integrations
APPROVED

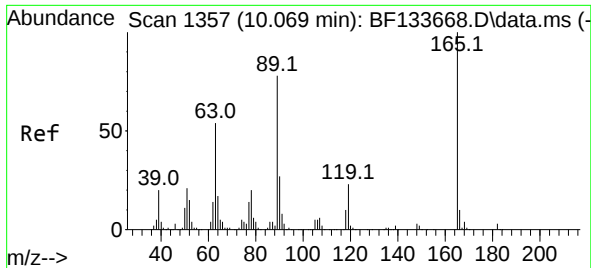
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#56
4-Nitrophenol
Concen: 84.527 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.012 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Tgt Ion:139 Resp: 263276
Ion Ratio Lower Upper
139 100
109 80.8 50.7 90.7
65 94.5 67.1 107.1





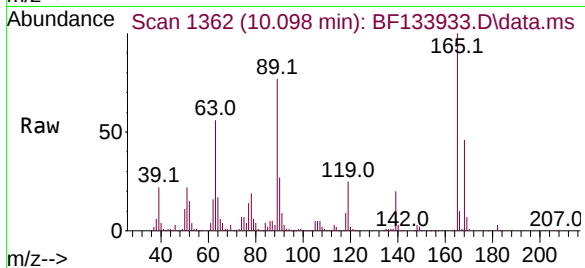
#57
2,4-Dinitrotoluene
Concen: 43.457 ng
RT: 10.098 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Instrument :

BNA_F

ClientSampleId :

PB153615BS

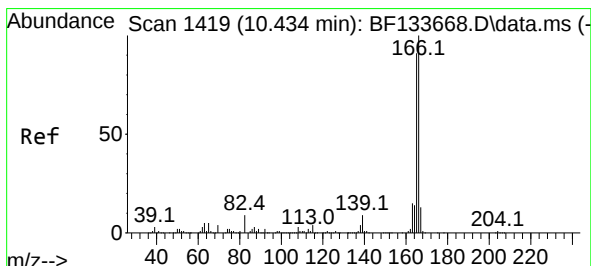
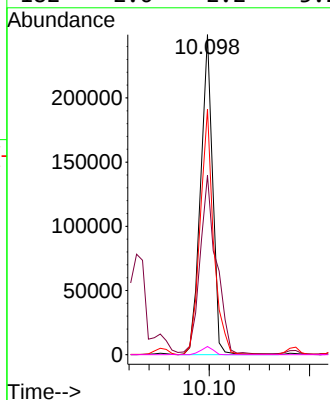
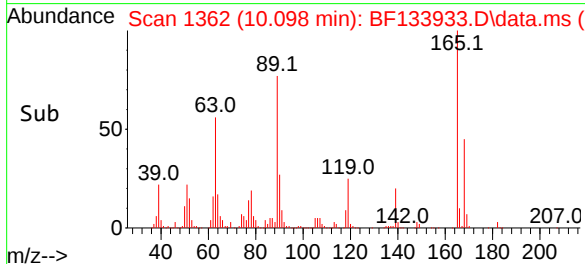


Tgt Ion:165 Resp: 209600
Ion Ratio Lower Upper
165 100
63 56.0 43.0 64.6
89 76.7 62.6 93.8
182 2.6 2.2 3.2

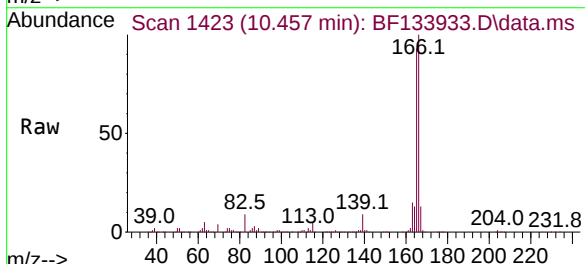
Manual Integrations

APPROVED

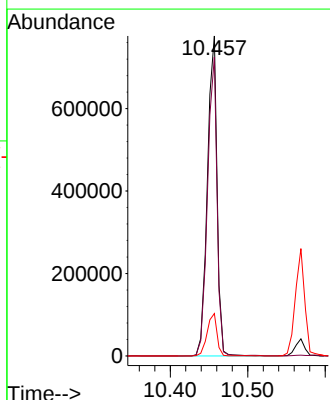
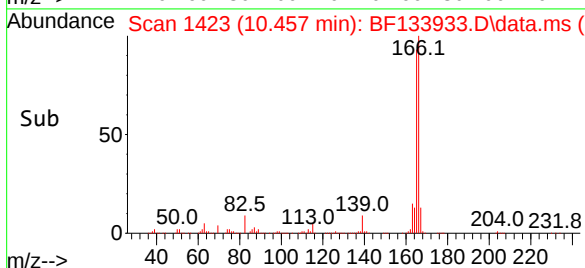
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#58
Fluorene
Concen: 39.622 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44



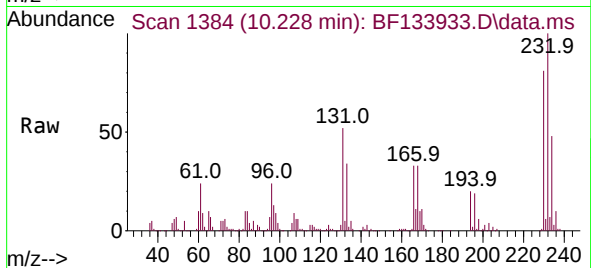
Tgt Ion:166 Resp: 670770
Ion Ratio Lower Upper
166 100
165 93.4 73.1 109.7
167 13.3 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.994 ng
RT: 10.228 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

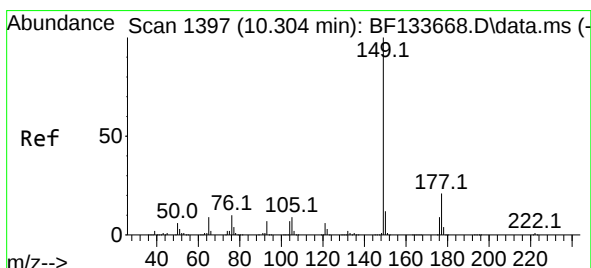
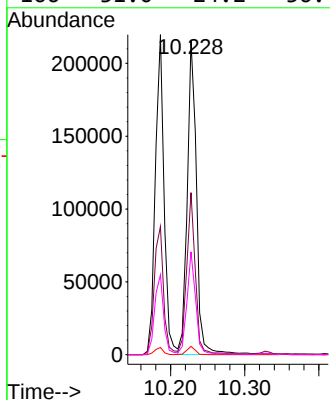
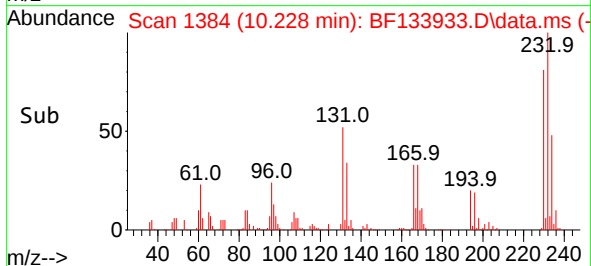
Instrument :
BNA_F
ClientSampleId :
PB153615BS



Tgt Ion:232 Resp: 187261
Ion Ratio Lower Upper
232 100
131 48.9 38.0 57.0
130 2.4 1.8 2.8
166 31.0 24.2 36.4

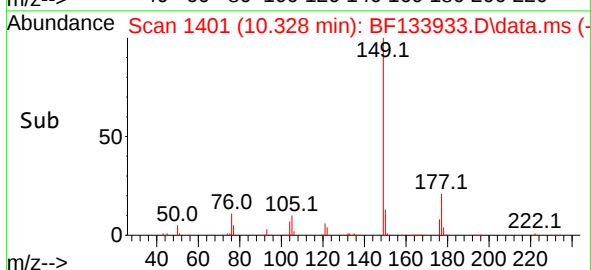
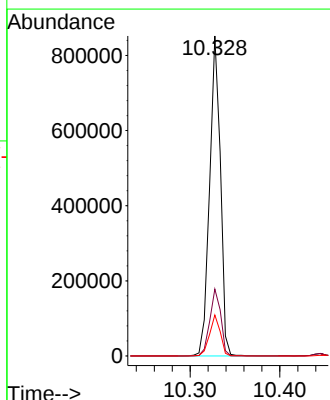
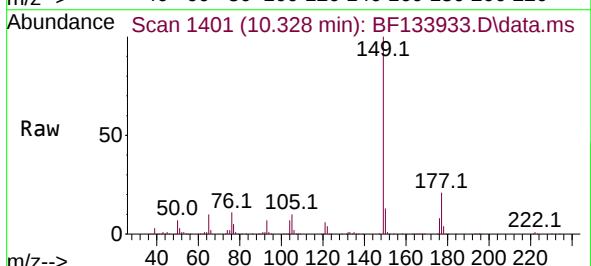
Manual Integrations
APPROVED

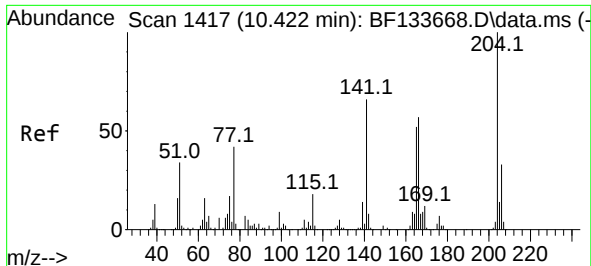
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#60
Diethylphthalate
Concen: 38.011 ng
RT: 10.328 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

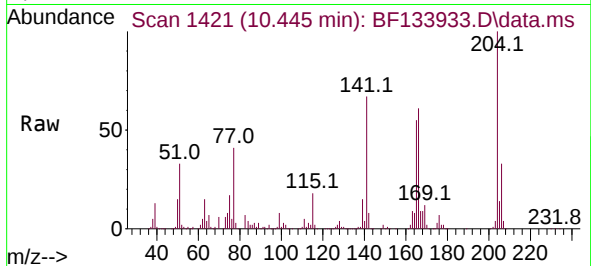
Tgt Ion:149 Resp: 710801
Ion Ratio Lower Upper
149 100
177 20.9 17.0 25.6
150 12.8 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 37.728 ng
RT: 10.445 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

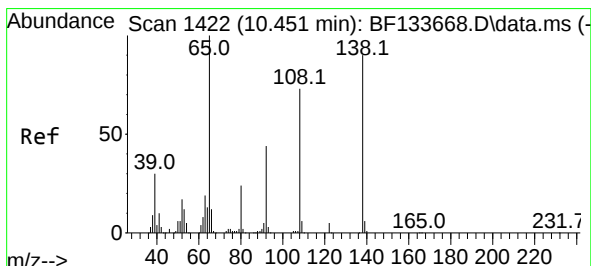
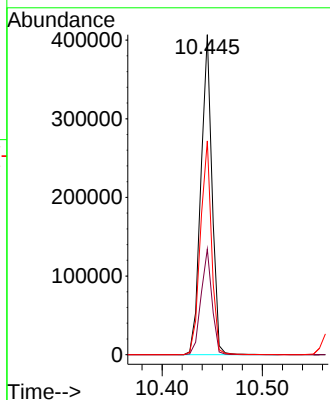
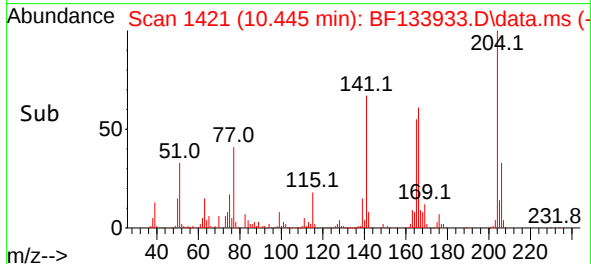
Instrument :
BNA_F
ClientSampleId :
PB153615BS



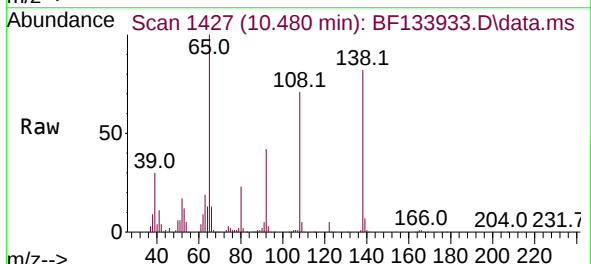
Tgt Ion:204 Resp: 315312
Ion Ratio Lower Upper
204 100
206 33.0 26.4 39.6
141 66.8 52.8 79.2

Manual Integrations
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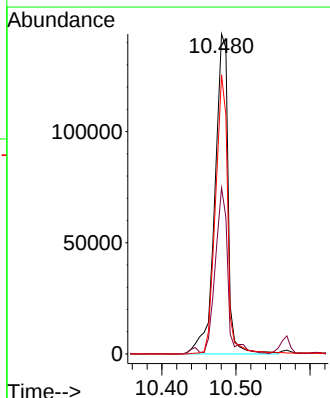
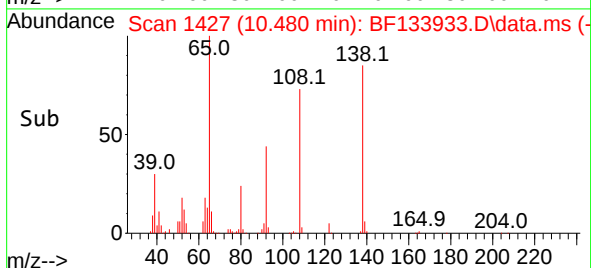
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

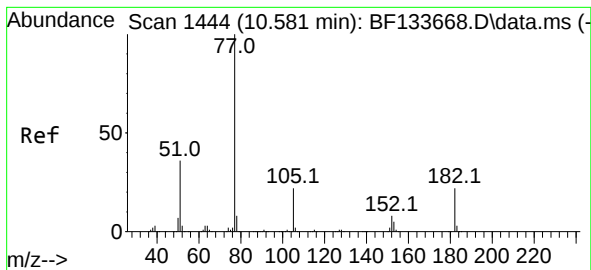


#62
4-Nitroaniline
Concen: 39.532 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44



Tgt Ion:138 Resp: 178884
Ion Ratio Lower Upper
138 100
92 51.9 28.9 68.9
108 87.3 61.0 101.0





#63
Azobenzene
Concen: 37.765 ng
RT: 10.610 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Instrument :

BNA_F

ClientSampleId :

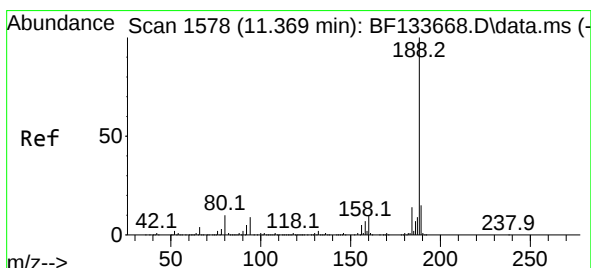
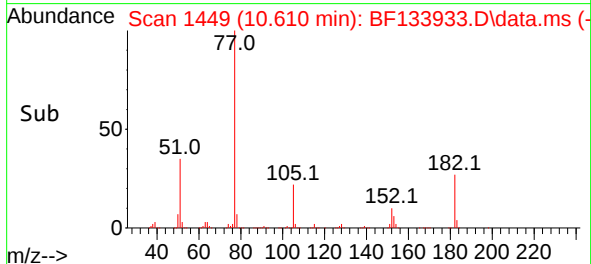
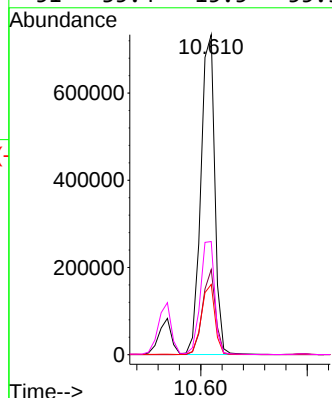
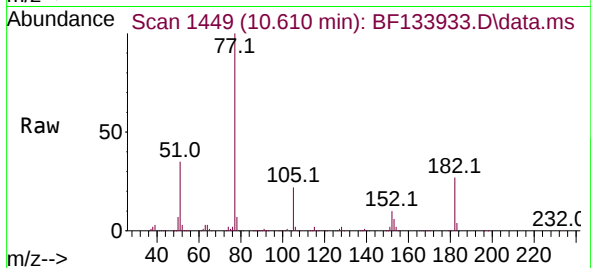
PB153615BS

Tgt Ion: 77 Resp: 668540
Ion Ratio Lower Upper
77 100
182 26.6 1.6 41.6
105 22.0 1.6 41.6
51 35.4 15.5 55.5

Manual Integrations

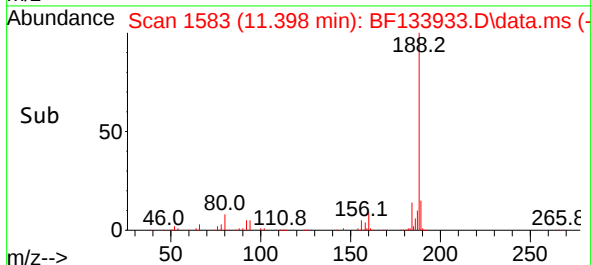
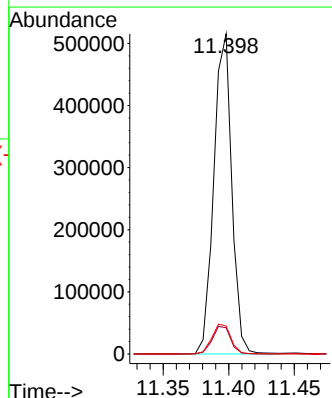
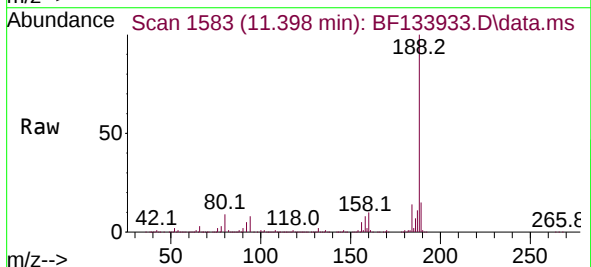
APPROVED

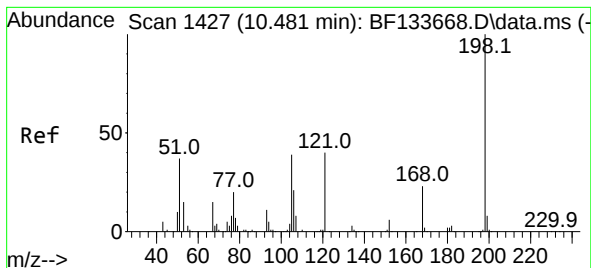
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Tgt Ion:188 Resp: 490603
Ion Ratio Lower Upper
188 100
94 8.2 6.8 10.2
80 8.8 7.8 11.6





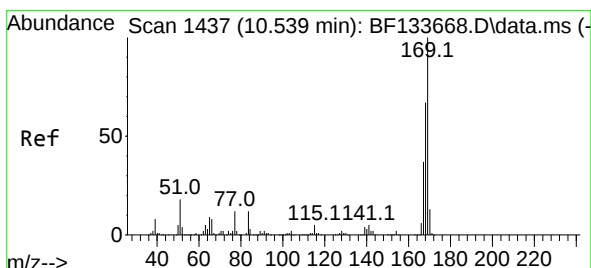
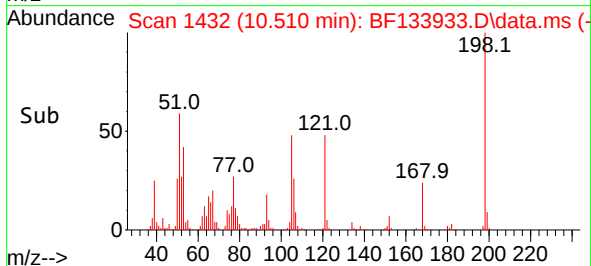
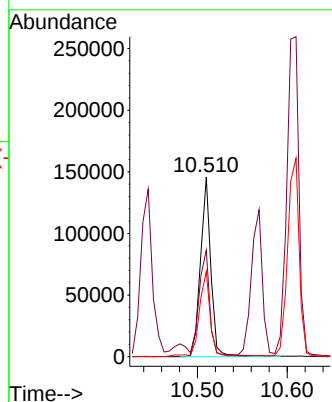
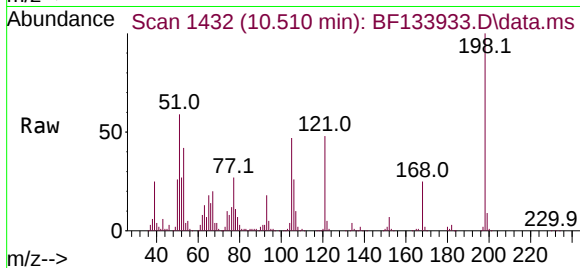
#65
4,6-Dinitro-2-methylphenol
Concen: 50.061 ng
RT: 10.510 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Instrument :
BNA_F
ClientSampleId :
PB153615BS

Tgt Ion:198 Resp: 11735
Ion Ratio Lower Upper
198 100
51 59.2 27.5 67.5
105 47.3 21.0 61.0

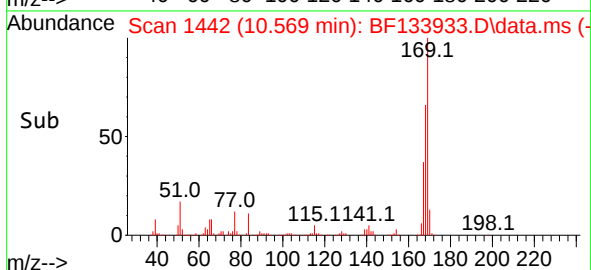
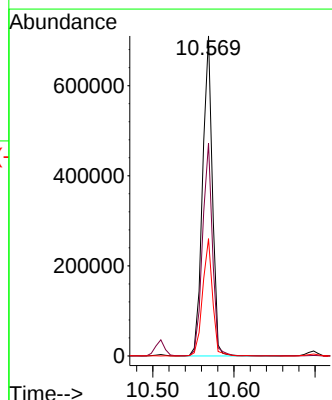
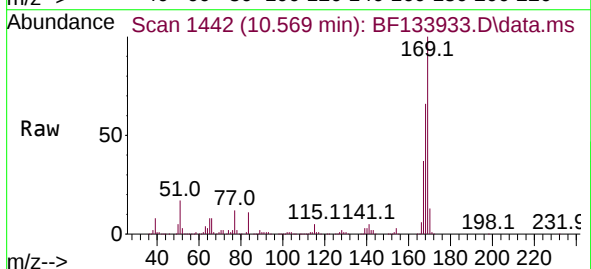
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#66
n-Nitrosodiphenylamine
Concen: 36.054 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

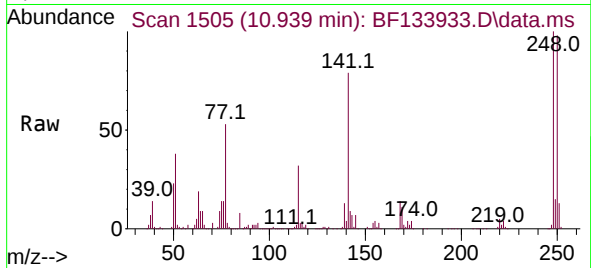
Tgt Ion:169 Resp: 594157
Ion Ratio Lower Upper
169 100
168 66.5 53.7 80.5
167 36.6 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 36.655 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

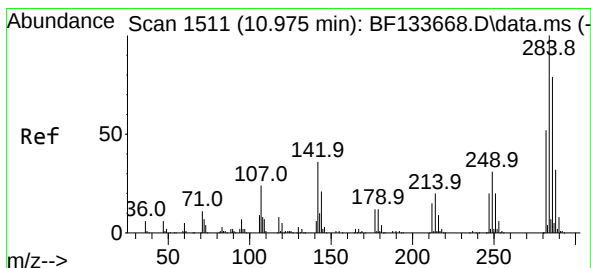
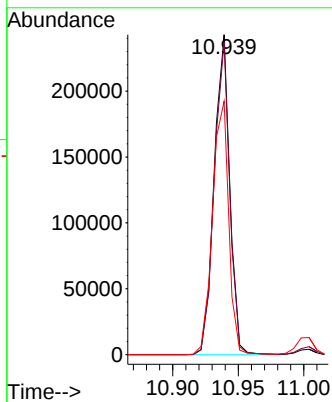
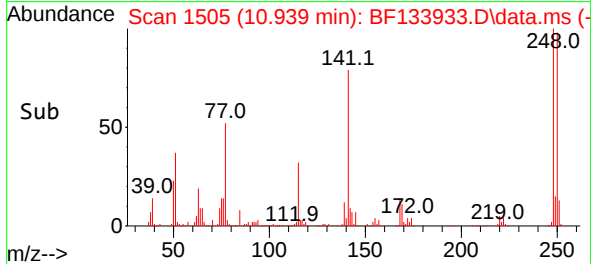
Instrument :
BNA_F
ClientSampleId :
PB153615BS



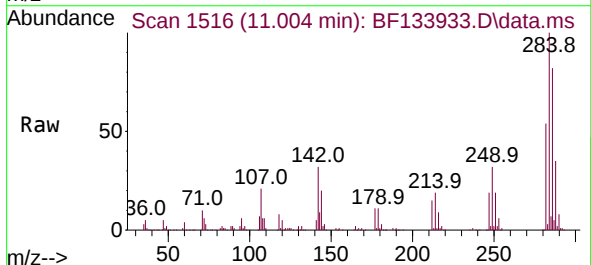
Tgt Ion:248 Resp: 20071
Ion Ratio Lower Upper
248 100
250 97.7 78.3 117.5
141 79.2 69.0 103.6

Manual Integrations
APPROVED

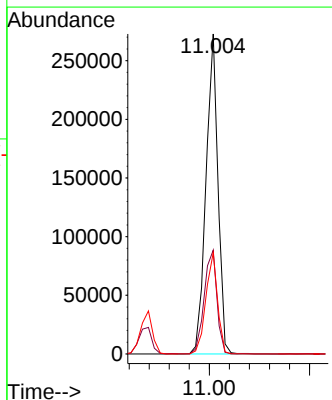
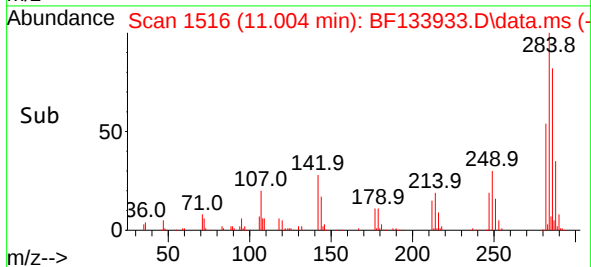
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

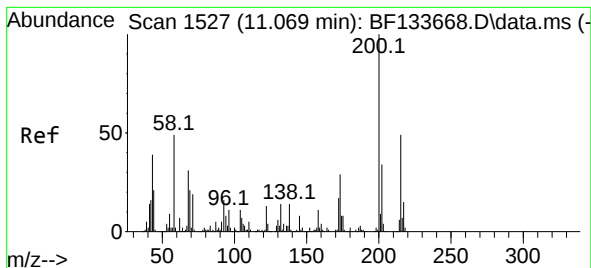


#68
Hexachlorobenzene
Concen: 39.460 ng
RT: 11.004 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44



Tgt Ion:284 Resp: 227219
Ion Ratio Lower Upper
284 100
142 32.4 28.6 42.8
249 31.6 24.6 36.8





#69

Atrazine

Concen: 42.787 ng

RT: 11.098 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

Instrument :

BNA_F

ClientSampleId :

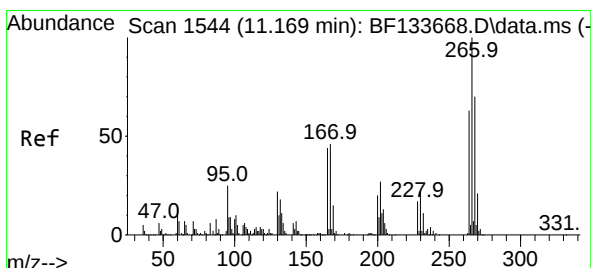
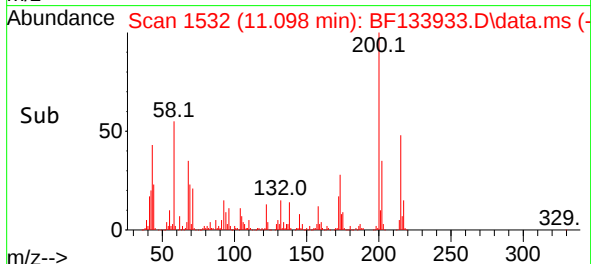
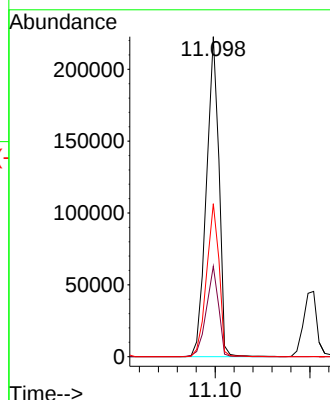
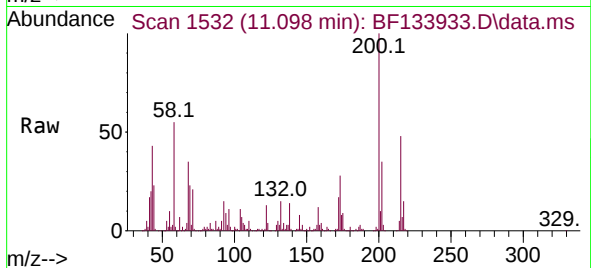
PB153615BS

Tgt Ion:200 Resp: 20458
 Ion Ratio Lower Upper
 200 100
 173 28.3 8.7 48.7
 215 47.8 29.0 69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :mohammad ahmed 06/27/2023



#70

Pentachlorophenol

Concen: 69.055 ng

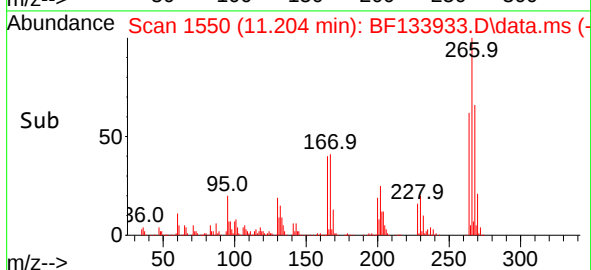
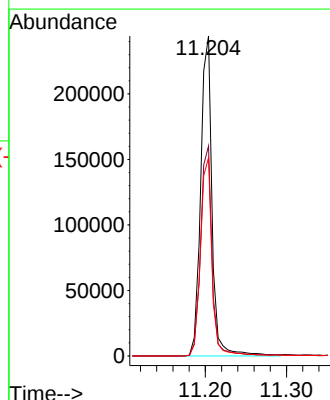
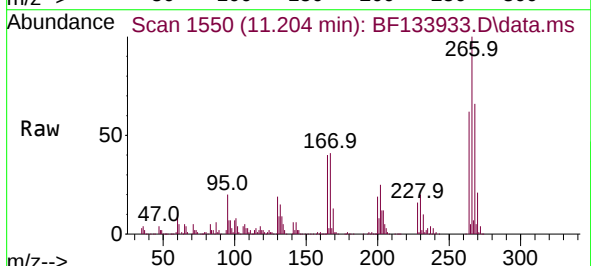
RT: 11.204 min Scan# 1550

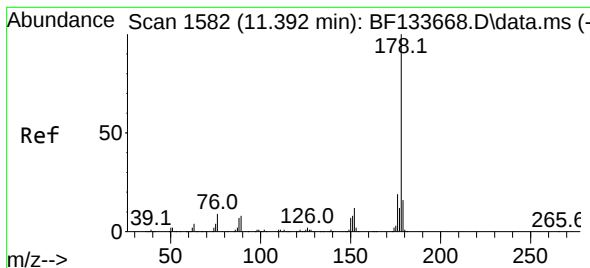
Delta R.T. 0.006 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

Tgt Ion:266 Resp: 238104
 Ion Ratio Lower Upper
 266 100
 268 65.6 55.7 83.5
 264 61.9 50.7 76.1





#71

Phenanthrene

Concen: 39.134 ng

RT: 11.422 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

Instrument :

BNA_F

ClientSampleId :

PB153615BS

Tgt Ion:178 Resp: 974083

Ion Ratio Lower Upper

178 100

176 20.1 15.6 23.4

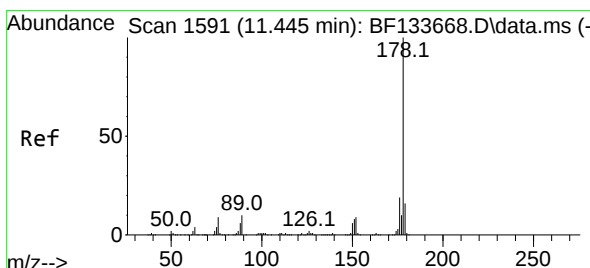
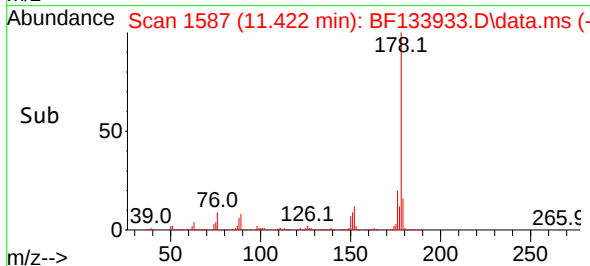
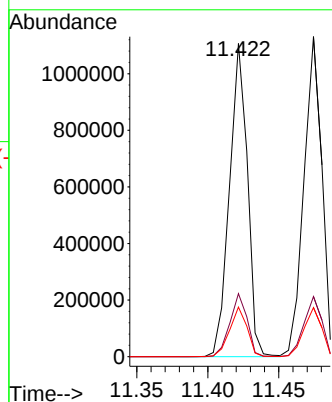
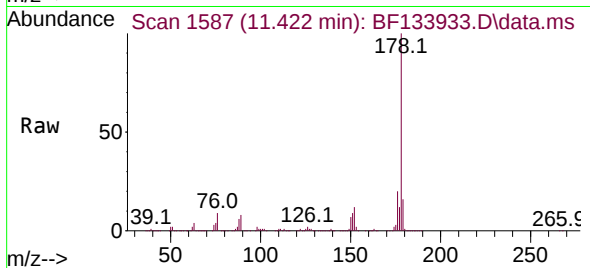
179 15.9 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2023

Supervised By :mohammad ahmed 06/27/2023



#72

Anthracene

Concen: 38.369 ng

RT: 11.474 min Scan# 1596

Delta R.T. 0.000 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

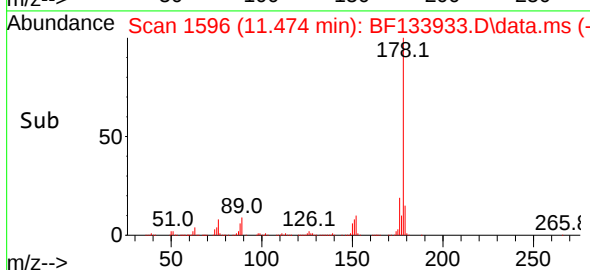
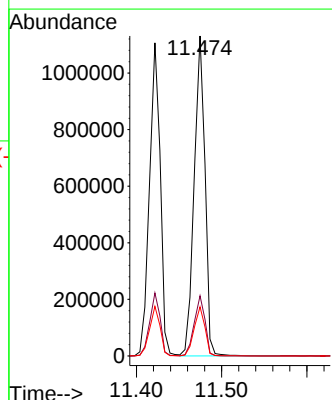
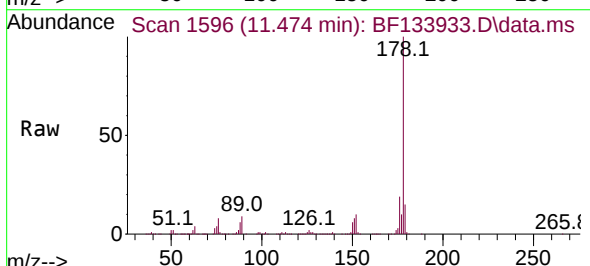
Tgt Ion:178 Resp: 995813

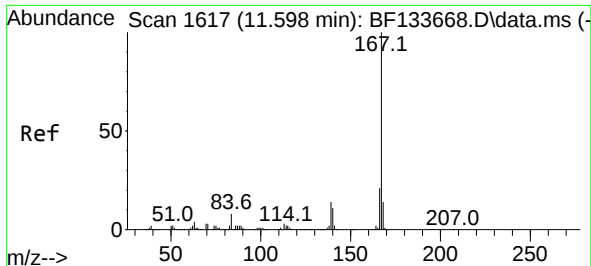
Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

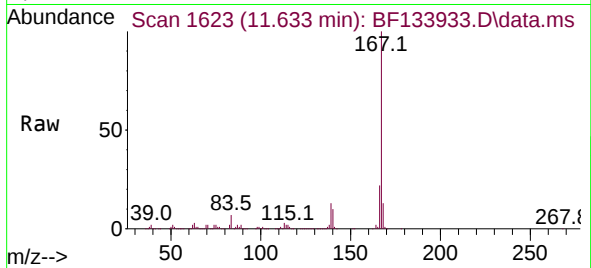
179 15.3 12.6 18.8





#73
 Carbazole
 Concen: 39.562 ng
 RT: 11.633 min Scan# 1623
 Delta R.T. 0.006 min
 Lab File: BF133933.D
 Acq: 23 Jun 2023 09:44

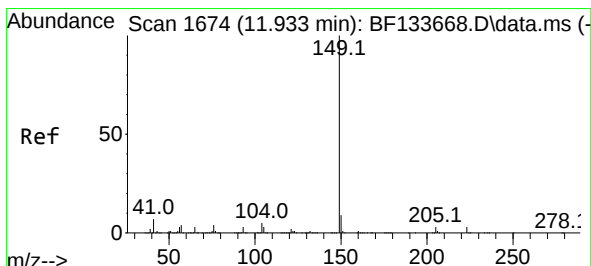
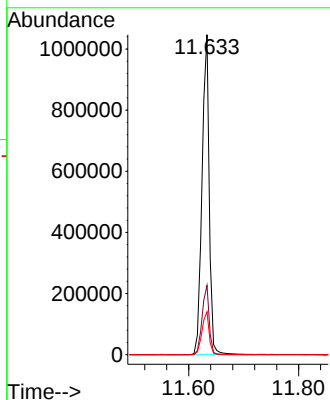
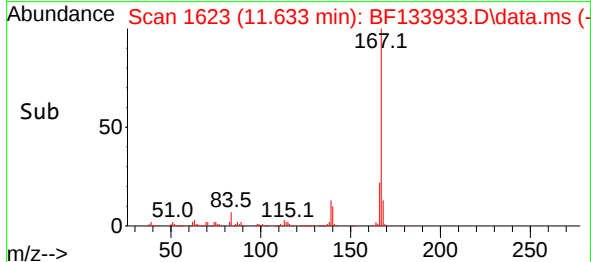
Instrument :
 BNA_F
 ClientSampleId :
 PB153615BS



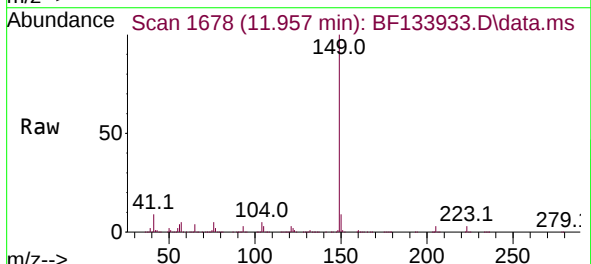
Tgt Ion:167 Resp: 95629
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 13.4 11.2 16.8

Manual Integrations
 APPROVED

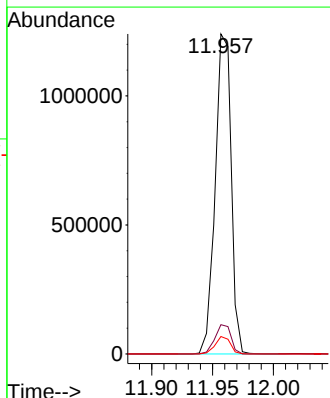
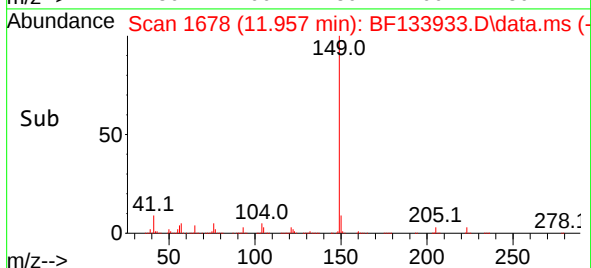
Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :mohammad ahmed 06/27/2023

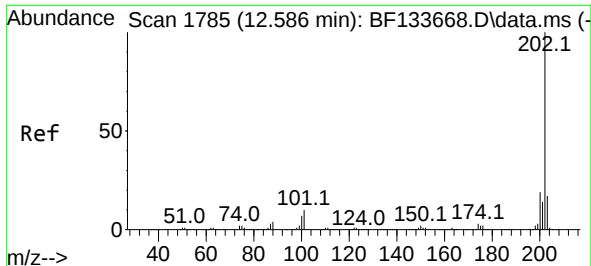


#74
 Di-n-butylphthalate
 Concen: 36.678 ng
 RT: 11.957 min Scan# 1678
 Delta R.T. 0.000 min
 Lab File: BF133933.D
 Acq: 23 Jun 2023 09:44



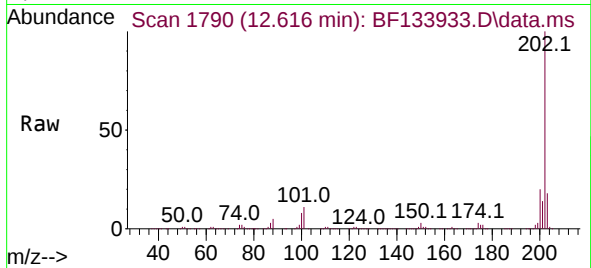
Tgt Ion:149 Resp: 1136599
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.5 3.8 5.8





#75
Fluoranthene
Concen: 40.143 ng
RT: 12.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

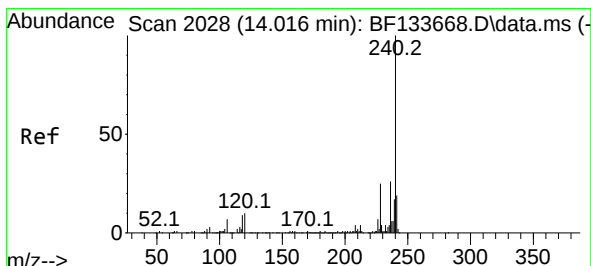
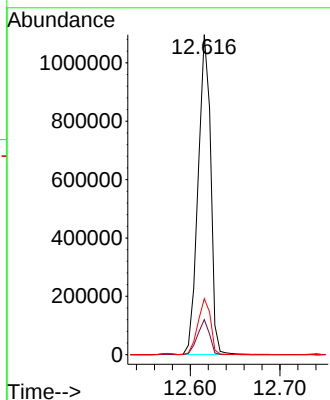
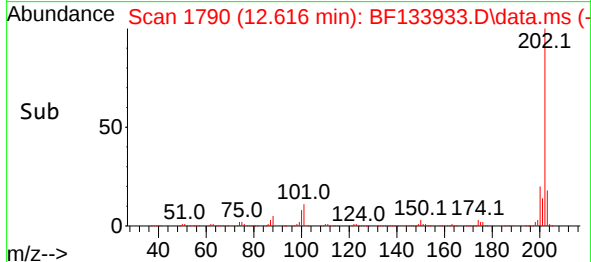
Instrument :
BNA_F
ClientSampleId :
PB153615BS



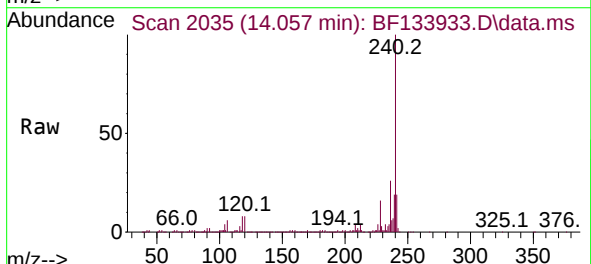
Tgt Ion:202 Resp: 1061058
Ion Ratio Lower Upper
202 100
101 10.9 0.0 29.6
203 17.5 0.0 37.4

Manual Integrations
APPROVED

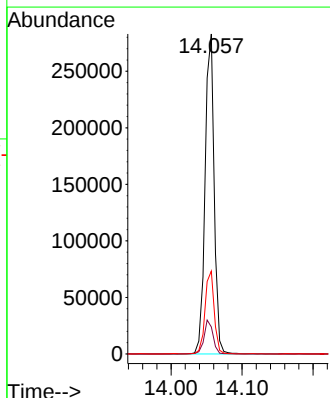
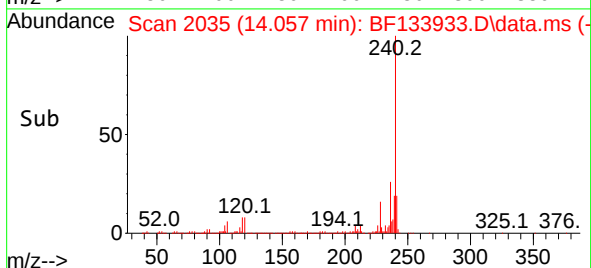
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

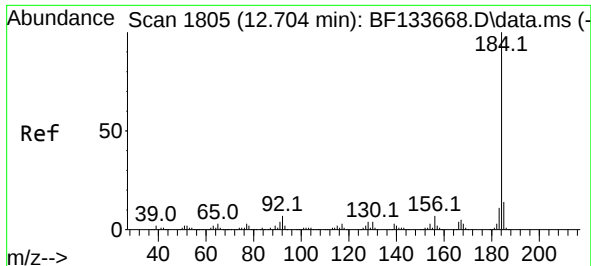


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44



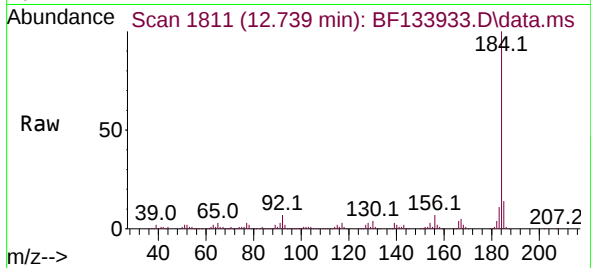
Tgt Ion:240 Resp: 252492
Ion Ratio Lower Upper
240 100
120 8.4 8.1 12.1
236 25.9 20.5 30.7





#77
Benzidine
Concen: 30.636 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

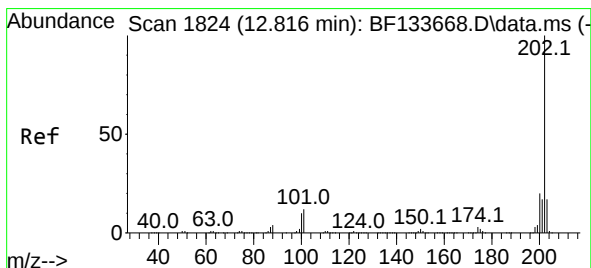
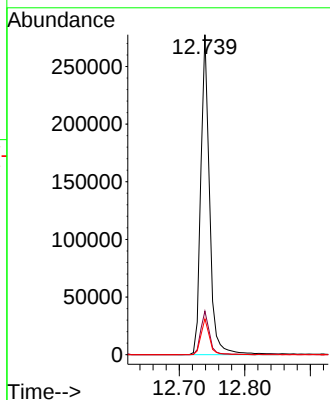
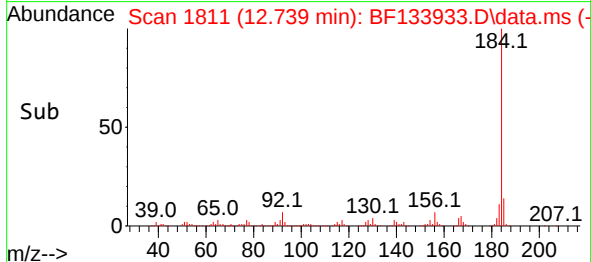
Instrument :
BNA_F
ClientSampleId :
PB153615BS



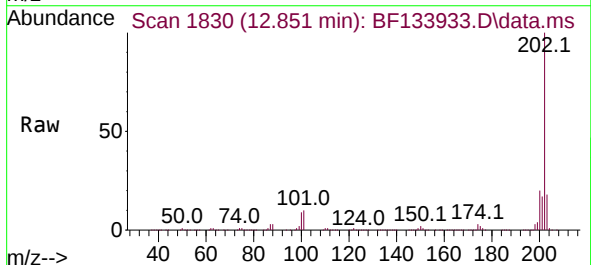
Tgt Ion:184 Resp: 259569
Ion Ratio Lower Upper
184 100
185 13.6 11.6 17.4
183 11.2 8.4 12.6

Manual Integrations
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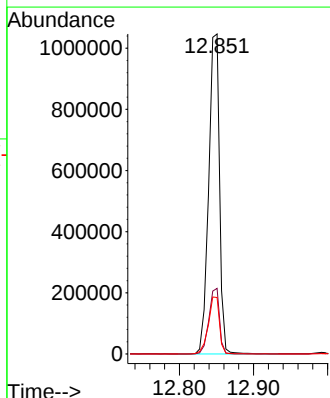
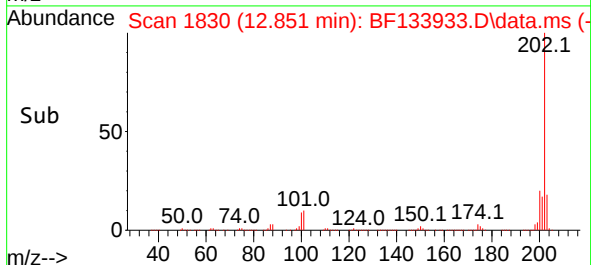
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#78
Pyrene
Concen: 45.141 ng
RT: 12.851 min Scan# 1830
Delta R.T. 0.006 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44



Tgt Ion:202 Resp: 1061751
Ion Ratio Lower Upper
202 100
200 20.5 16.2 24.2
203 17.7 13.9 20.9





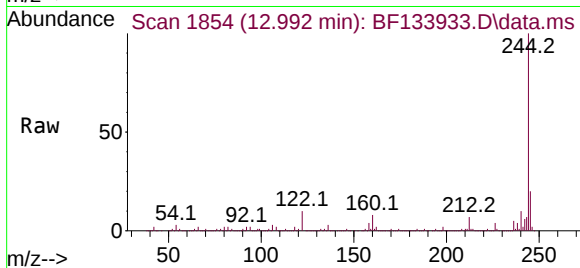
#79
 Terphenyl-d14
 Concen: 88.065 ng
 RT: 12.992 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: BF133933.D
 Acq: 23 Jun 2023 09:44

Instrument :

BNA_F

ClientSampleId :

PB153615BS

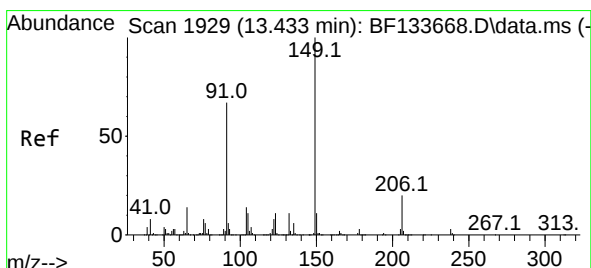
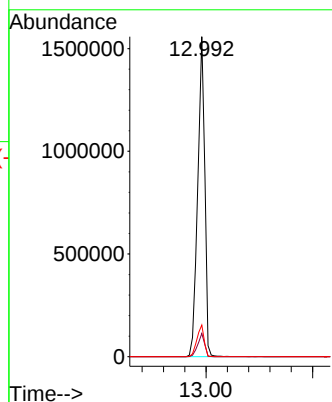
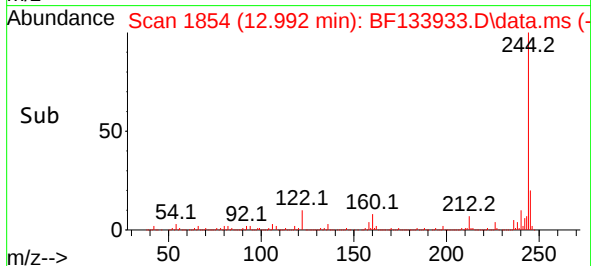


Tgt Ion:244 Resp: 1437024
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 9.9 8.1 12.1

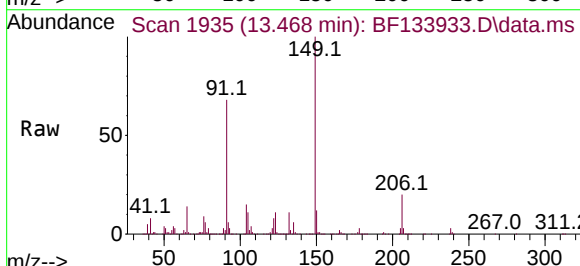
Manual Integrations

APPROVED

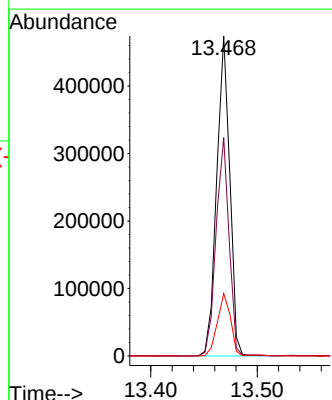
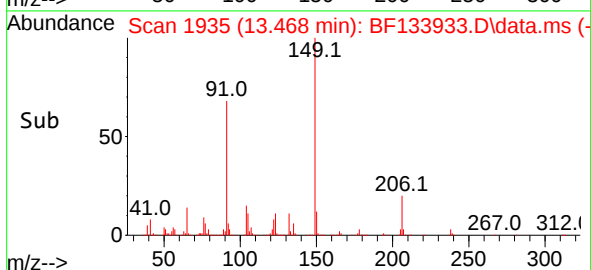
Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :mohammad ahmed 06/27/2023

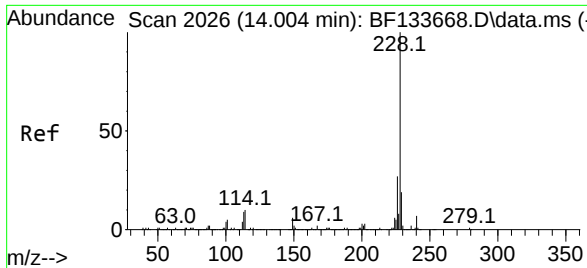


#80
 Butylbenzylphthalate
 Concen: 40.691 ng
 RT: 13.468 min Scan# 1935
 Delta R.T. 0.000 min
 Lab File: BF133933.D
 Acq: 23 Jun 2023 09:44



Tgt Ion:149 Resp: 404044
 Ion Ratio Lower Upper
 149 100
 91 68.2 54.0 81.0
 206 19.5 15.6 23.4





#81
Benzo(a)anthracene
Concen: 39.912 ng
RT: 14.045 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Instrument :

BNA_F

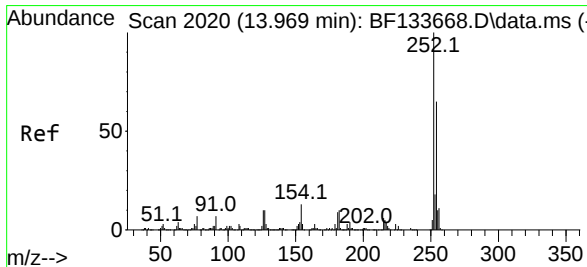
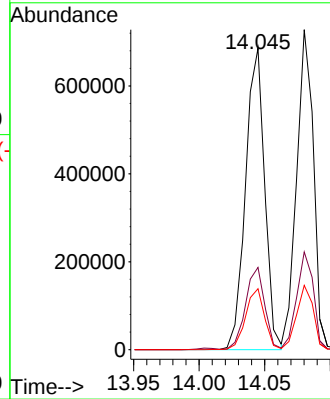
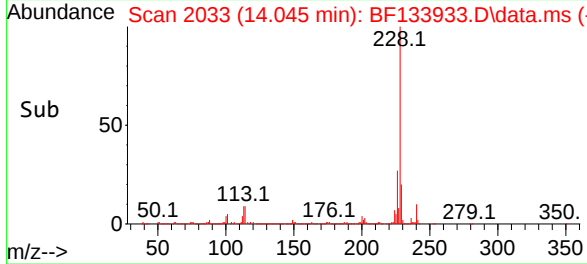
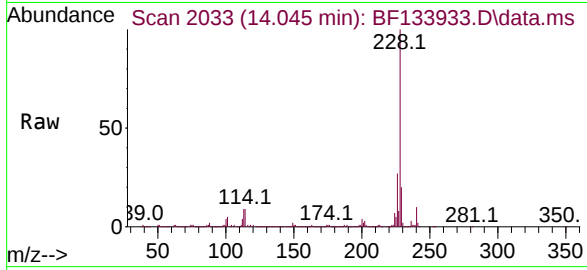
ClientSampleId :

PB153615BS

Tgt Ion:228 Resp: 69706
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 20.2 15.4 23.2

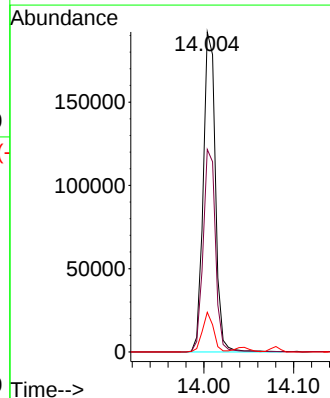
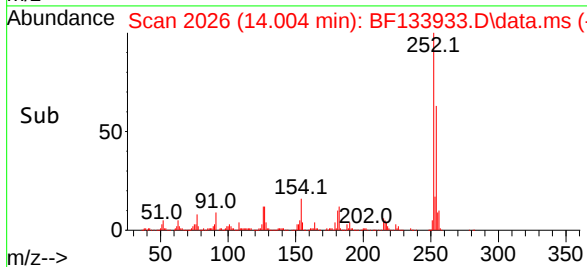
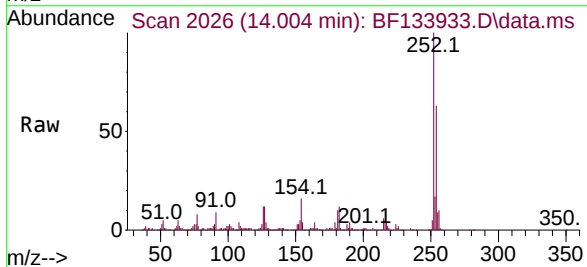
Manual Integrations
APPROVED

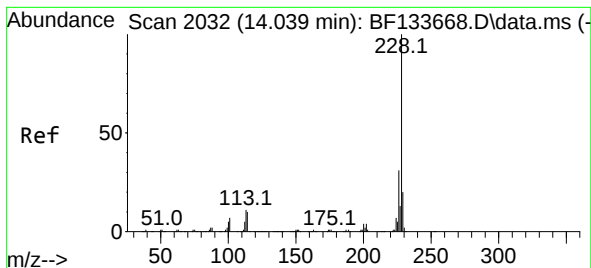
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#82
3,3'-Dichlorobenzidine
Concen: 31.182 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Tgt Ion:252 Resp: 181058
Ion Ratio Lower Upper
252 100
254 63.3 51.9 77.9
126 12.4 7.7 11.5#





#83

Chrysene

Concen: 39.428 ng

RT: 14.080 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

Instrument :

BNA_F

ClientSampleId :

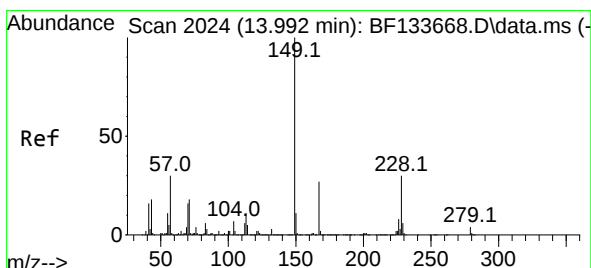
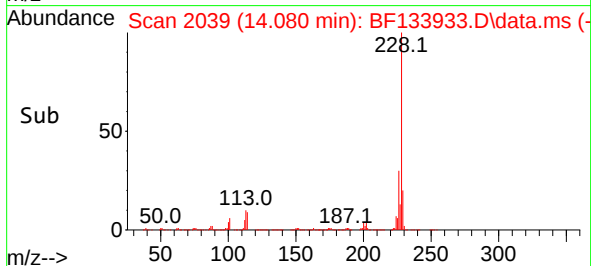
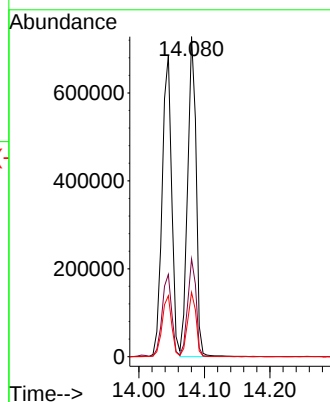
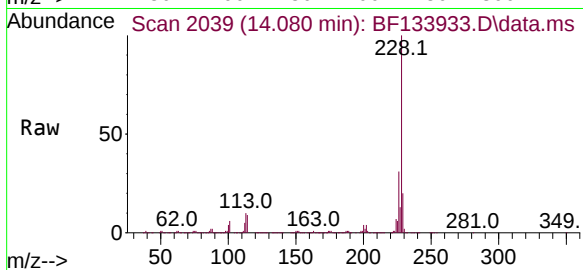
PB153615BS

Tgt Ion:228 Resp: 651304
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.0 37.6
 229 20.1 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :mohammad ahmed 06/27/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.859 ng

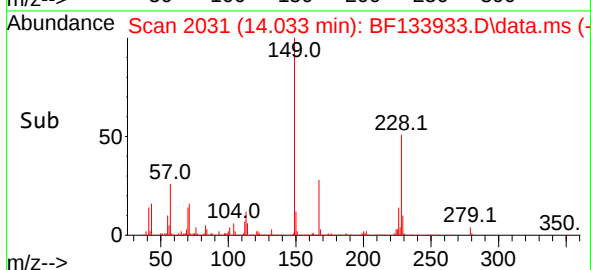
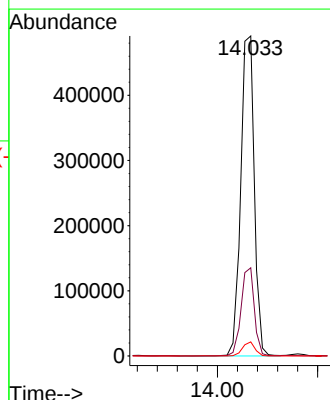
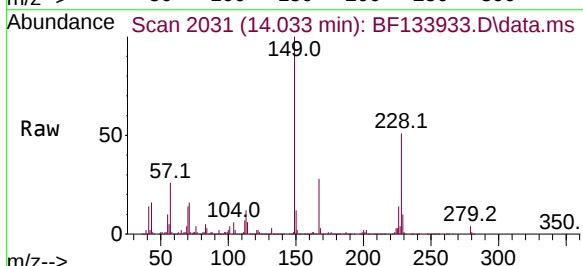
RT: 14.033 min Scan# 2031

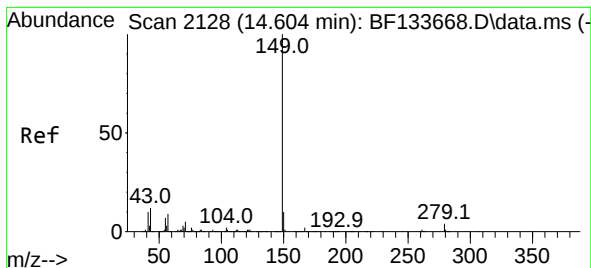
Delta R.T. 0.006 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

Tgt Ion:149 Resp: 462877
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.8 32.8
 279 4.4 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 36.796 ng

RT: 14.651 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

Instrument :

BNA_F

ClientSampleId :

PB153615BS

Tgt Ion:149 Resp: 63930

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

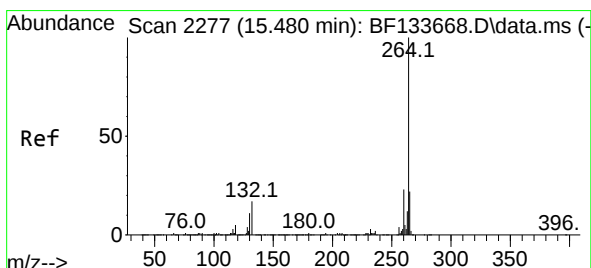
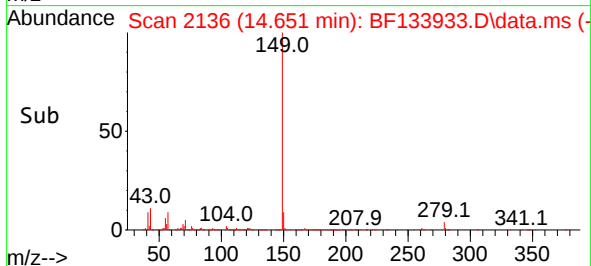
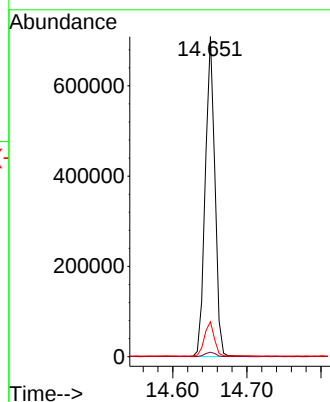
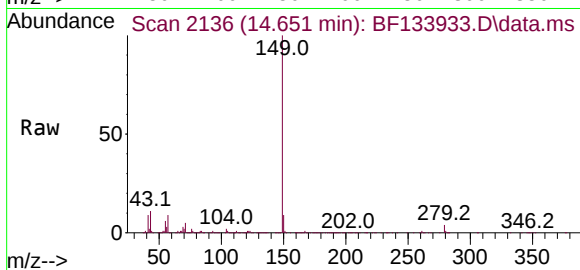
43 10.9 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2023

Supervised By :mohammad ahmed 06/27/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2290

Delta R.T. -0.006 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

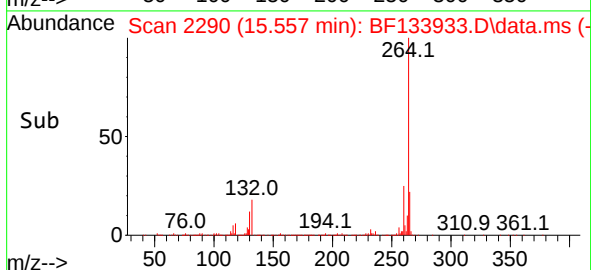
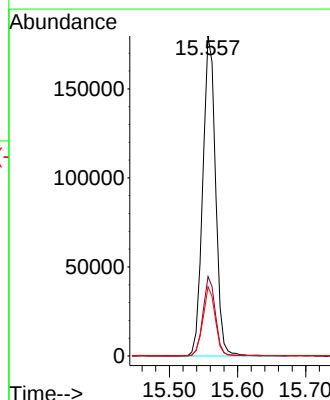
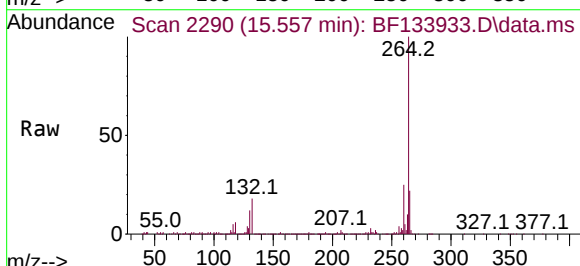
Tgt Ion:264 Resp: 234685

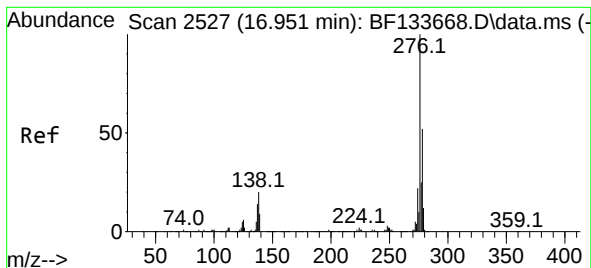
Ion Ratio Lower Upper

264 100

260 24.8 18.2 27.2

265 21.6 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.466 ng

RT: 17.121 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

Instrument :

BNA_F

ClientSampleId :

PB153615BS

Tgt Ion:276 Resp: 75022

Ion Ratio Lower Upper

276 100

138 22.6 17.9 26.9

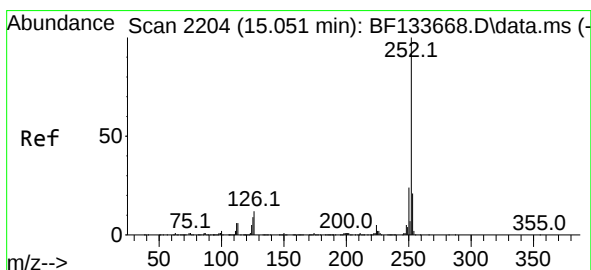
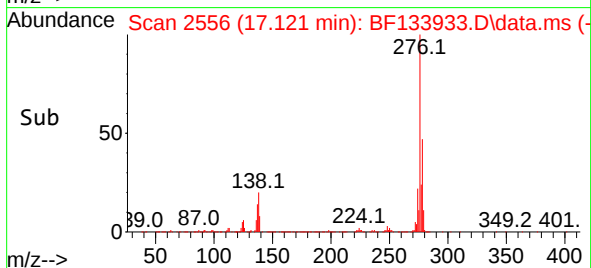
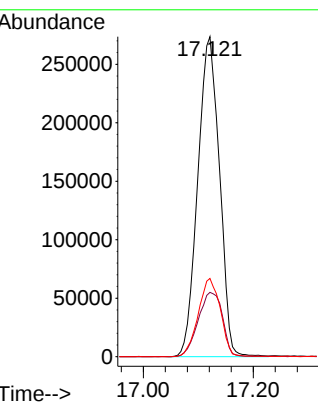
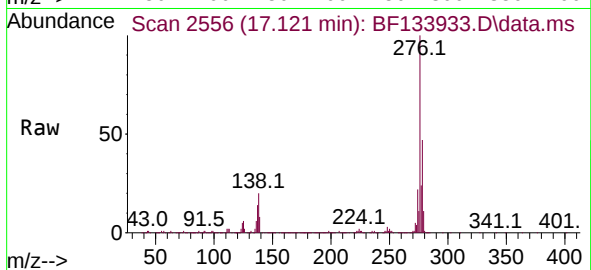
277 25.0 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2023

Supervised By :mohammad ahmed 06/27/2023



#88

Benzo(b)fluoranthene

Concen: 41.494 ng

RT: 15.115 min Scan# 2215

Delta R.T. 0.000 min

Lab File: BF133933.D

Acq: 23 Jun 2023 09:44

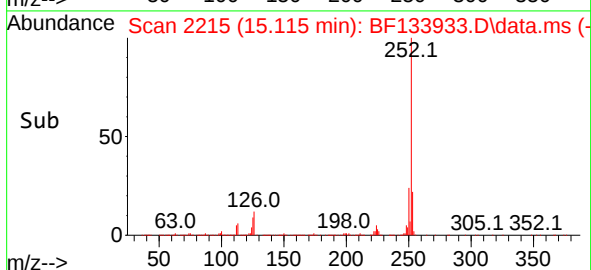
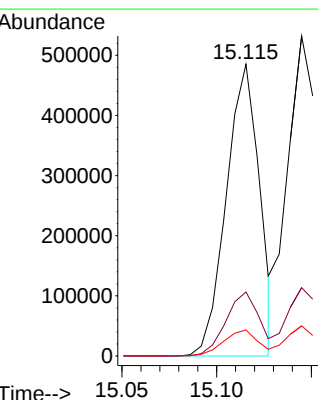
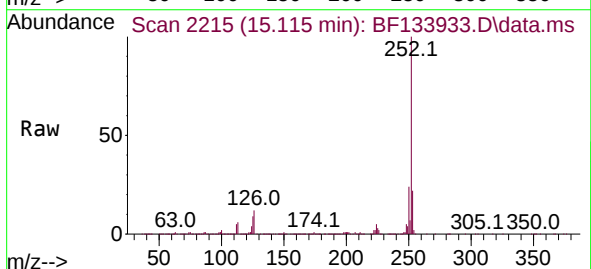
Tgt Ion:252 Resp: 591546

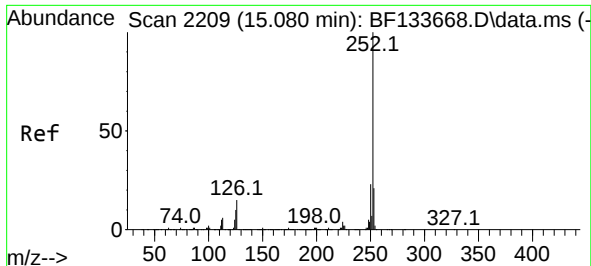
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

125 9.0 7.3 10.9





#89
Benzo(k)fluoranthene
Concen: 42.131 ng
RT: 15.145 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Instrument :

BNA_F

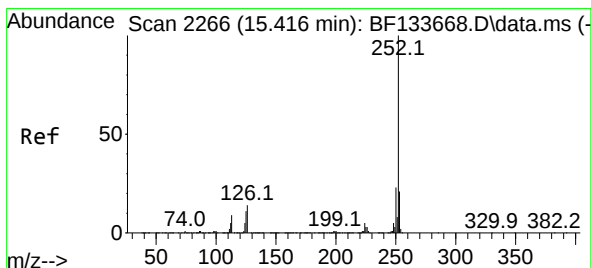
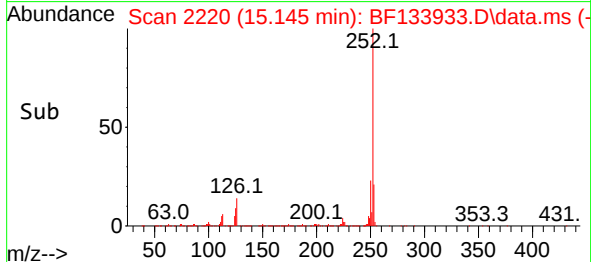
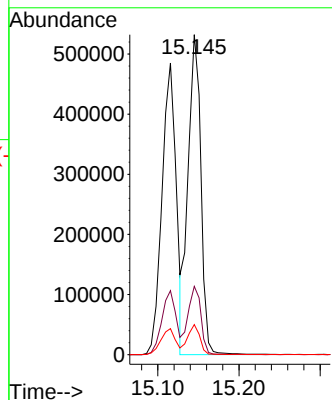
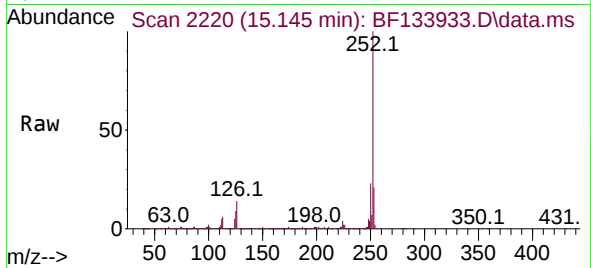
ClientSampleId :

PB153615BS

Tgt Ion:252 Resp: 58508
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.4
125 9.4 7.8 11.6

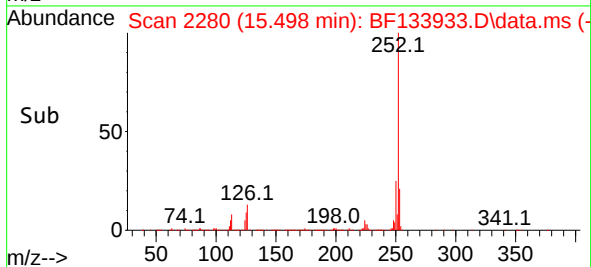
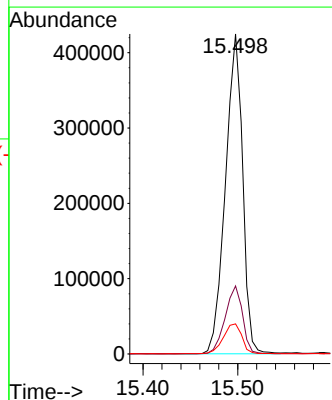
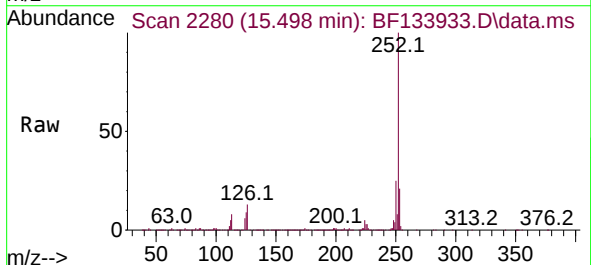
Manual Integrations
APPROVED

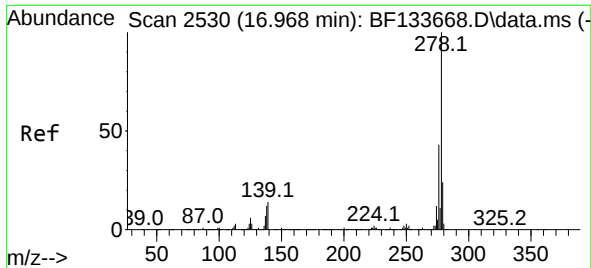
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#90
Benzo(a)pyrene
Concen: 40.453 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Tgt Ion:252 Resp: 535227
Ion Ratio Lower Upper
252 100
253 21.2 17.1 25.7
125 9.4 8.6 13.0





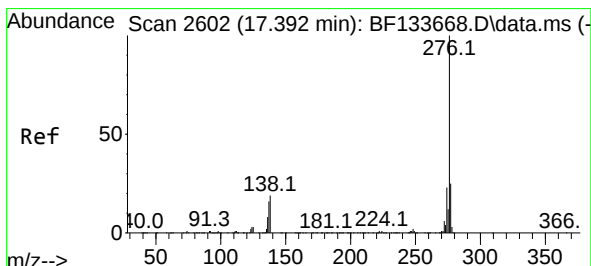
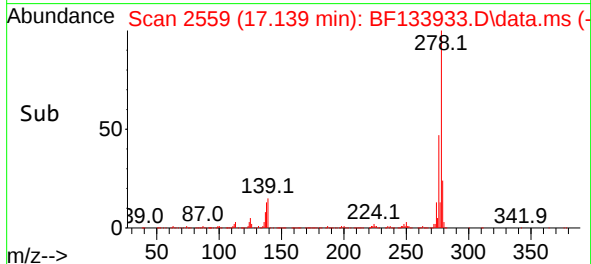
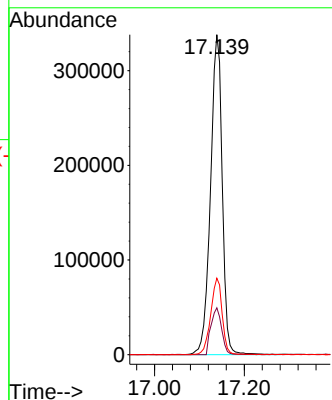
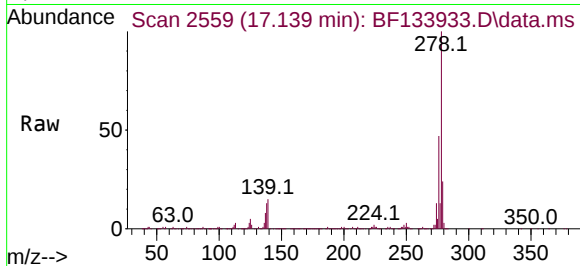
#91
Dibenzo(a,h)anthracene
Concen: 45.930 ng
RT: 17.139 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Instrument :
BNA_F
ClientSampleId :
PB153615BS

Tgt Ion:278 Resp: 61394
Ion Ratio Lower Upper
278 100
139 14.6 11.4 17.2
279 23.9 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#92
Benzo(g,h,i)perylene
Concen: 46.719 ng
RT: 17.592 min Scan# 2636
Delta R.T. 0.000 min
Lab File: BF133933.D
Acq: 23 Jun 2023 09:44

Tgt Ion:276 Resp: 619169
Ion Ratio Lower Upper
276 100
277 23.8 19.8 29.8
138 21.1 15.0 22.4

