

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031424\
 Data File : BF137593.D
 Acq On : 14 Mar 2024 16:30
 Operator : CG\JU
 Sample : PB159584BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159584BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/15/2024
 Supervised By :mohammad ahmed 03/16/2024

Quant Time: Mar 14 17:00:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	212526	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	816653	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	421172	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	695843	20.000	ng	0.00
76) Chrysene-d12	13.880	240	410966	20.000	ng	0.00
86) Perylene-d12	15.298	264	394541	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1759141	125.363	ng	0.02
7) Phenol-d6	6.375	99	2375571	117.281	ng	0.00
23) Nitrobenzene-d5	7.298	82	1488202	84.672	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	505084	136.560	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2327835	86.518	ng	0.00
79) Terphenyl-d14	12.827	244	2312463	77.376	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.487	88	283576	36.959	ng	97
3) Pyridine	3.187	79	607149	32.811	ng	98
4) n-Nitrosodimethylamine	3.157	42	324856	43.707	ng	96
6) Aniline	6.392	93	463891	18.743	ng	# 66
8) 2-Chlorophenol	6.510	128	698449	47.191	ng	96
9) Benzaldehyde	6.275	77	249958	25.189	ng	99
10) Phenol	6.386	94	906177	41.565	ng	96
11) bis(2-Chloroethyl)ether	6.469	93	695570	43.538	ng	99
12) 1,3-Dichlorobenzene	6.669	146	718275	45.416	ng	96
13) 1,4-Dichlorobenzene	6.745	146	723799	44.729	ng	99
14) 1,2-Dichlorobenzene	6.892	146	687574	46.293	ng	99
15) Benzyl Alcohol	6.881	79	617413	48.962	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.004	45	1124828	40.960	ng	96
17) 2-Methylphenol	6.992	107	572696	41.352	ng	97
18) Hexachloroethane	7.233	117	252716	47.430	ng	94
19) n-Nitroso-di-n-propyla...	7.151	70	505156	40.387	ng	99
20) 3+4-Methylphenols	7.145	107	645031	40.667	ng	95
22) Acetophenone	7.139	105	897309	45.412	ng	# 97
24) Nitrobenzene	7.316	77	776295	43.968	ng	97
25) Isophorone	7.551	82	1462770	43.807	ng	99
26) 2-Nitrophenol	7.628	139	349353	49.839	ng	97
27) 2,4-Dimethylphenol	7.669	122	508137	38.796	ng	98
28) bis(2-Chloroethoxy)met...	7.769	93	880728	44.954	ng	98
29) 2,4-Dichlorophenol	7.869	162	558586	46.468	ng	98
30) 1,2,4-Trichlorobenzene	7.951	180	592159	46.811	ng	100
31) Naphthalene	8.033	128	1926077	43.958	ng	99
32) Benzoic acid	7.822	122	314211	42.490	ng	94
33) 4-Chloroaniline	8.086	127	283807	16.518	ng	99
34) Hexachlorobutadiene	8.145	225	346656	46.417	ng	99
35) Caprolactam	8.463	113	184624m	45.294	ng	
36) 4-Chloro-3-methylphenol	8.575	107	591130	43.993	ng	99
37) 2-Methylnaphthalene	8.722	142	1169333	41.863	ng	99
38) 1-Methylnaphthalene	8.822	142	1111032	42.236	ng	100
40) 1,2,4,5-Tetrachloroben...	8.886	216	575356	48.933	ng	100
41) Hexachlorocyclopentadiene	8.875	237	448639	92.107	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	370592	48.400	ng	99

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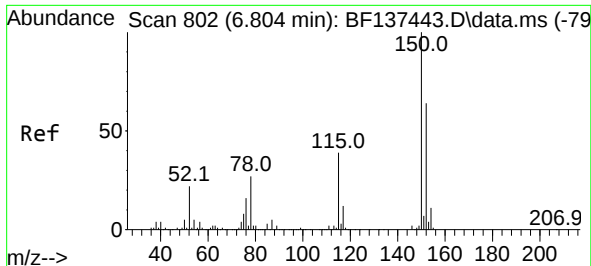
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	377332	42.780	ng	96
46) 1,1'-Biphenyl	9.186	154	1431022	46.422	ng	99
47) 2-Chloronaphthalene	9.210	162	1122318	47.753	ng	98
48) 2-Nitroaniline	9.316	65	385078	48.206	ng	97
49) Acenaphthylene	9.627	152	1754233	46.641	ng	100
50) Dimethylphthalate	9.492	163	1302874	44.439	ng	99
51) 2,6-Dinitrotoluene	9.557	165	286627	46.741	ng	92
52) Acenaphthene	9.798	154	984630	43.850	ng	99
53) 3-Nitroaniline	9.722	138	187889	28.967	ng	97
54) 2,4-Dinitrophenol	9.833	184	270128	89.253	ng	96
55) Dibenzofuran	9.969	168	1487094	43.482	ng	99
56) 4-Nitrophenol	9.898	139	397595	85.810	ng	97
57) 2,4-Dinitrotoluene	9.957	165	355510	47.188	ng	92
58) Fluorene	10.310	166	1103778	42.025	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	322111	45.540	ng	94
60) Diethylphthalate	10.192	149	1201982	43.415	ng	100
61) 4-Chlorophenyl-phenyle...	10.304	204	531400	41.283	ng	97
62) 4-Nitroaniline	10.345	138	243087	43.604	ng	93
63) Azobenzene	10.463	77	1344595	42.176	ng	99
65) 4,6-Dinitro-2-methylph...	10.369	198	196349	50.628	ng	81
66) n-Nitrosodiphenylamine	10.427	169	1010616	45.103	ng	99
67) 4-Bromophenyl-phenylether	10.792	248	353209	46.604	ng	99
68) Hexachlorobenzene	10.851	284	380856	49.753	ng	98
69) Atrazine	10.957	200	282401	41.458	ng	98
70) Pentachlorophenol	11.051	266	397243	85.844	ng	99
71) Phenanthrene	11.269	178	1661441	43.873	ng	99
72) Anthracene	11.321	178	1685156	43.327	ng	99
73) Carbazole	11.480	167	1477536	44.350	ng	99
74) Di-n-butylphthalate	11.810	149	1746649	44.066	ng	99
75) Fluoranthene	12.457	202	1584824	42.814	ng	98
77) Benzidine	12.586	184	161621	16.070	ng	100
78) Pyrene	12.680	202	1621241	40.204	ng	100
80) Butylbenzylphthalate	13.304	149	571285	55.473	ng	99
81) Benzo(a)anthracene	13.868	228	1263436	43.863	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	327965	42.756	ng	99
83) Chrysene	13.904	228	1278941	43.931	ng	99
84) Bis(2-ethylhexyl)phtha...	13.862	149	723730	55.290	ng	98
85) Di-n-octyl phthalate	14.474	149	1289849	50.764	ng	97
87) Indeno(1,2,3-cd)pyrene	16.692	276	1187347	45.731	ng	98
88) Benzo(b)fluoranthene	14.892	252	1241344	53.188	ng	99
89) Benzo(k)fluoranthene	14.921	252	1086003	43.322	ng	99
90) Benzo(a)pyrene	15.239	252	1067951	46.435	ng	99
91) Dibenzo(a,h)anthracene	16.703	278	963129	45.729	ng	98
92) Benzo(g,h,i)perylene	17.109	276	965749	44.648	ng	98

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



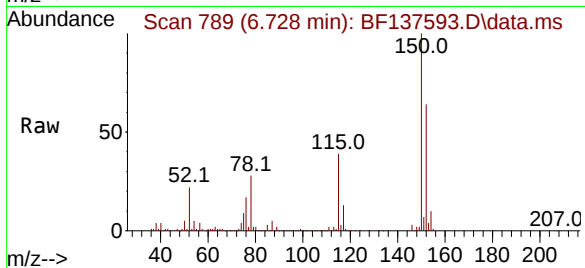
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Instrument :

BNA_F

ClientSampleId :

PB159584BS

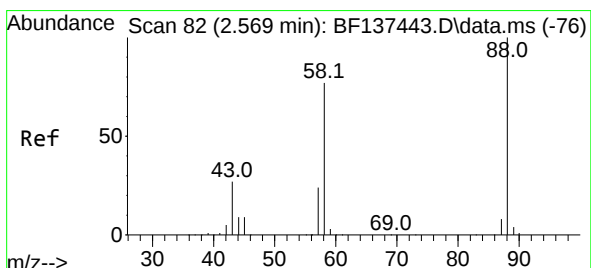
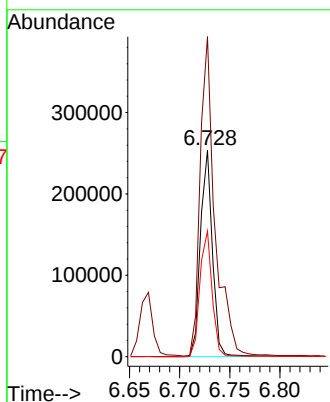
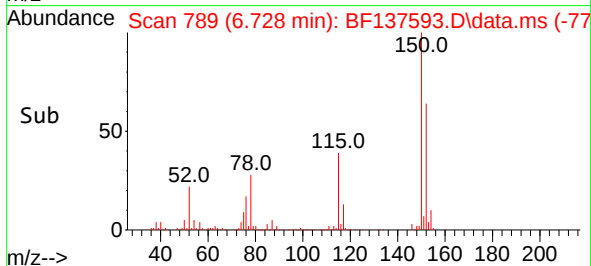


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Ion Ratio Lower Upper
152 100
150 155.1 125.8 188.6
115 60.9 48.8 73.2

Manual Integrations

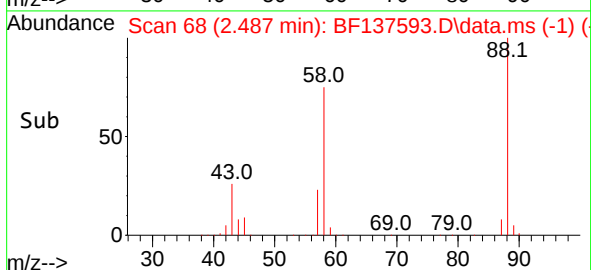
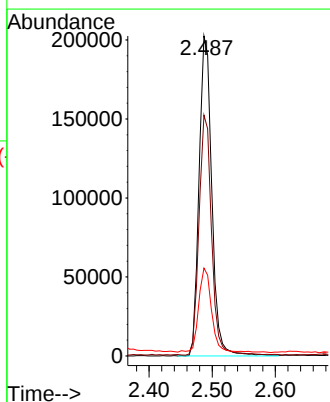
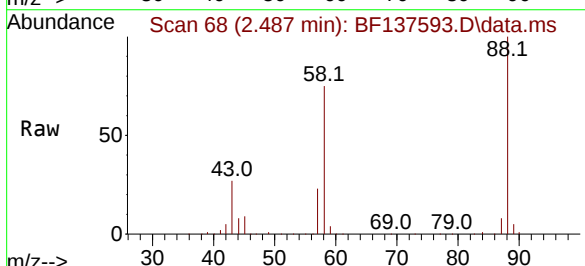
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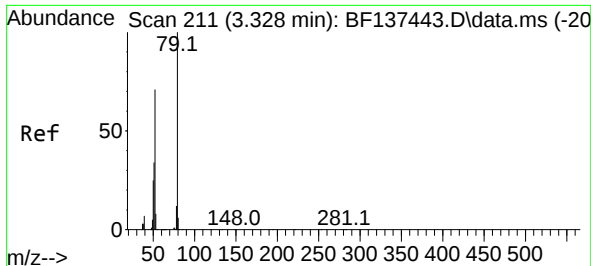
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#2
1,4-Dioxane
Concen: 36.959 ng
RT: 2.487 min Scan# 68
Delta R.T. 0.117 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Tgt Ion: 88 Resp: 283576
Ion Ratio Lower Upper
88 100
58 74.1 61.8 92.8
43 27.3 22.2 33.4





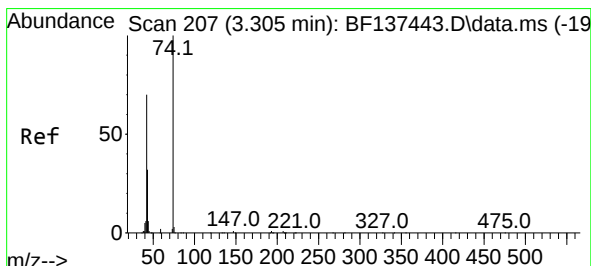
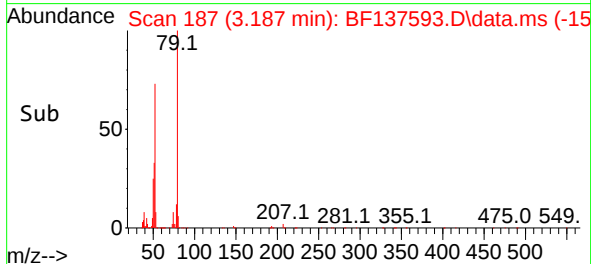
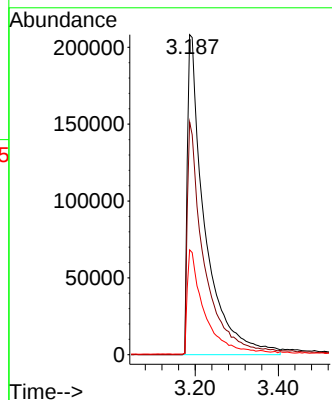
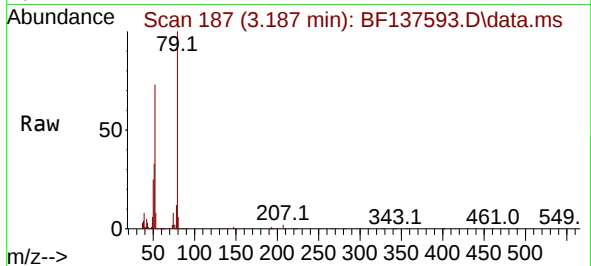
#3
Pyridine
Concen: 32.811 ng
RT: 3.187 min Scan# 187
Delta R.T. 0.117 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Instrument :
BNA_F
ClientSampleId :
PB159584BS

Tgt Ion: 79 Resp: 607149
Ion Ratio Lower Upper
79 100
52 72.7 57.0 85.4
51 32.7 27.5 41.3

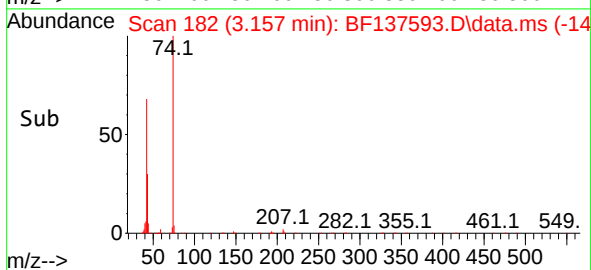
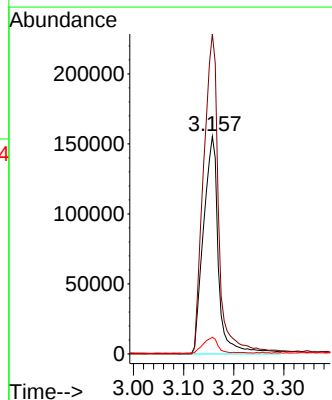
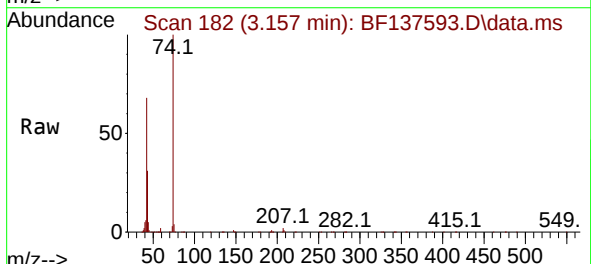
Manual Integrations
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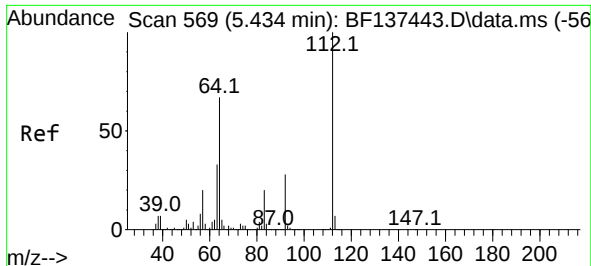
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#4
n-Nitrosodimethylamine
Concen: 43.707 ng
RT: 3.157 min Scan# 182
Delta R.T. 0.117 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Tgt Ion: 42 Resp: 324856
Ion Ratio Lower Upper
42 100
74 147.0 114.0 171.0
44 7.6 7.0 10.4





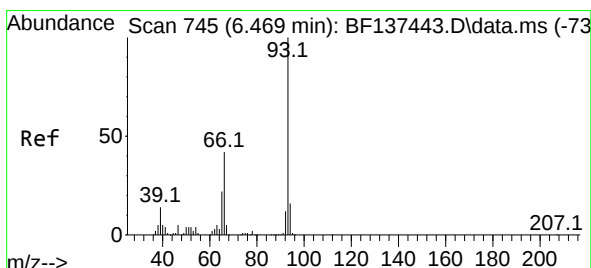
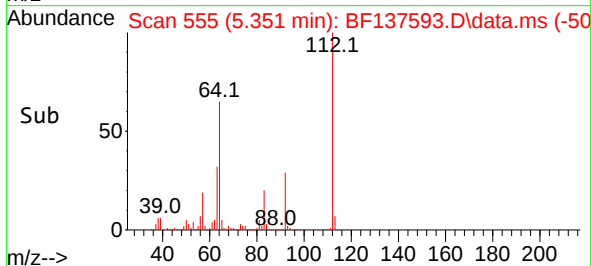
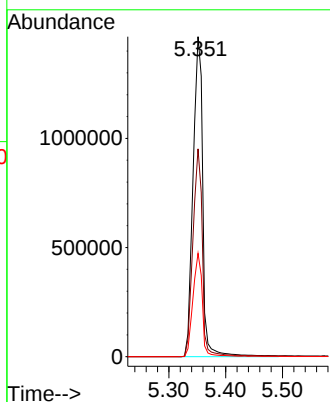
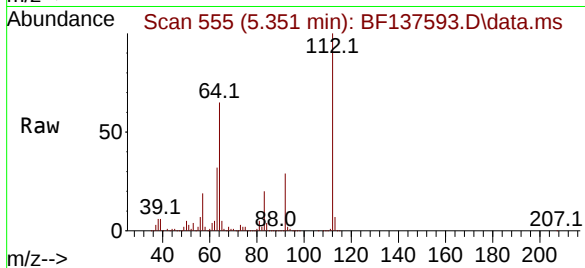
#5
2-Fluorophenol
Concen: 125.363 ng
RT: 5.351 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 175914
Ion Ratio Lower Upper
112 100
64 65.0 53.4 80.2
63 32.3 26.2 39.2

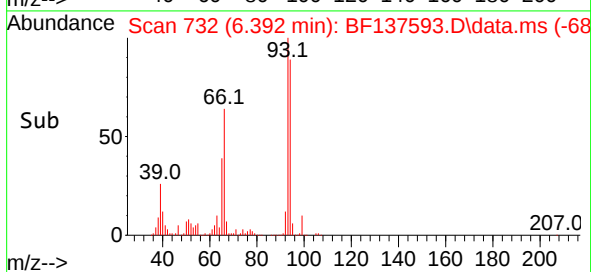
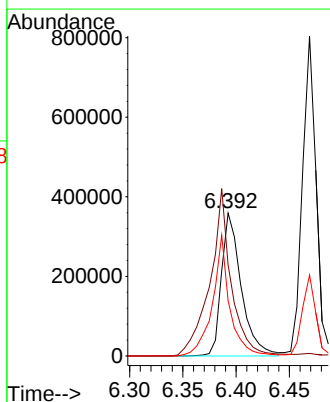
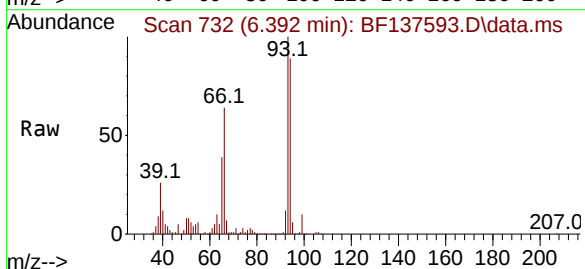
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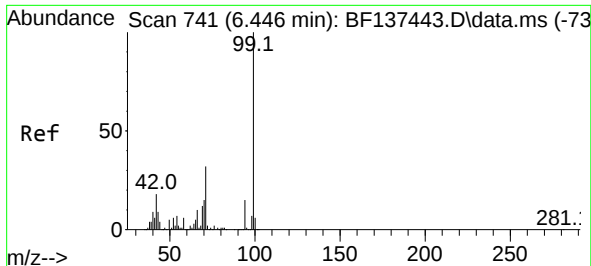
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#6
Aniline
Concen: 18.743 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

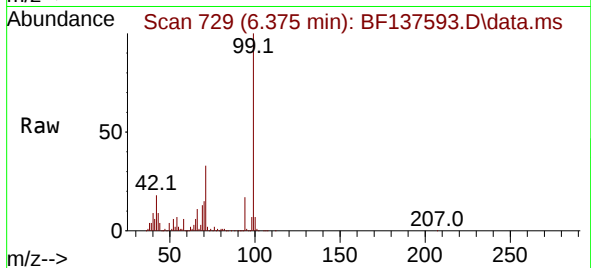
Tgt Ion: 93 Resp: 463891
Ion Ratio Lower Upper
93 100
66 63.6 34.0 51.0#
65 38.6 17.8 26.8#





#7
Phenol-d6
Concen: 117.281 ng
RT: 6.375 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

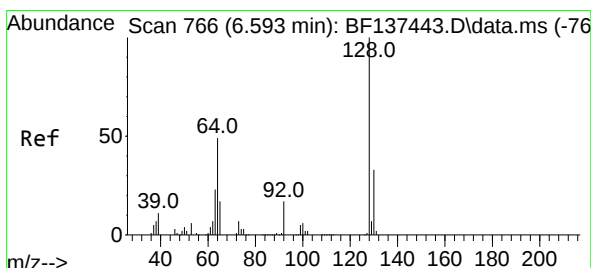
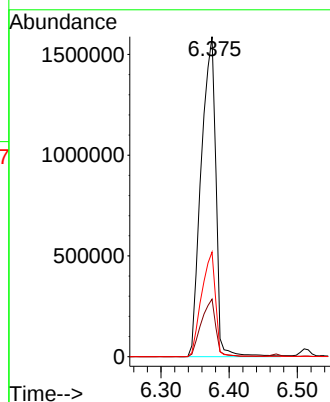
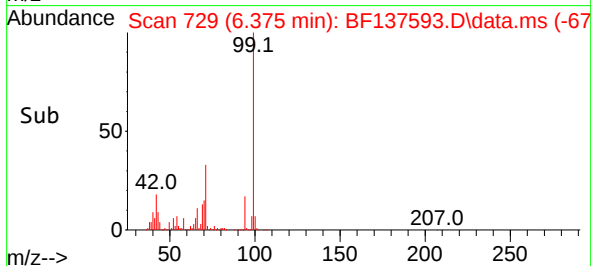
Instrument :
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Tgt Ion: 99 Resp: 237557
Ion Ratio Lower Upper
99 100
42 18.0 14.6 21.8
71 32.7 25.3 37.9

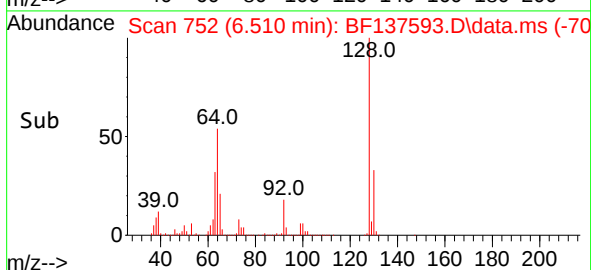
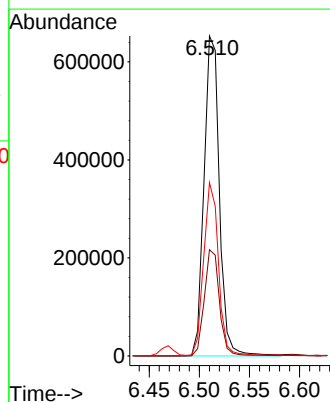
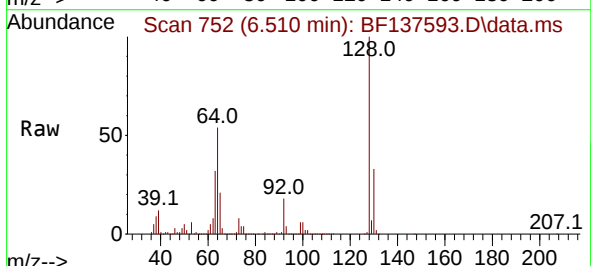
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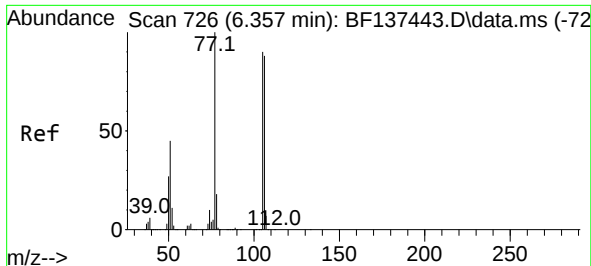
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#8
2-Chlorophenol
Concen: 47.191 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

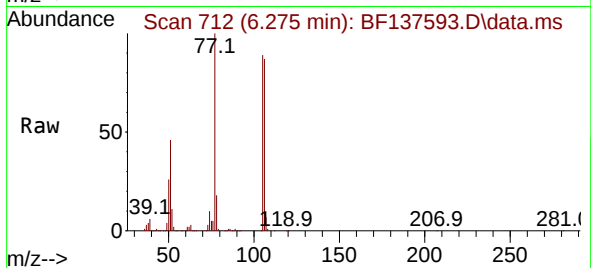
Tgt Ion:128 Resp: 698449
Ion Ratio Lower Upper
128 100
130 33.2 13.4 53.4
64 54.2 30.0 70.0





#9
Benzaldehyde
Concen: 25.189 ng
RT: 6.275 min Scan# 712
Delta R.T. -0.006 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

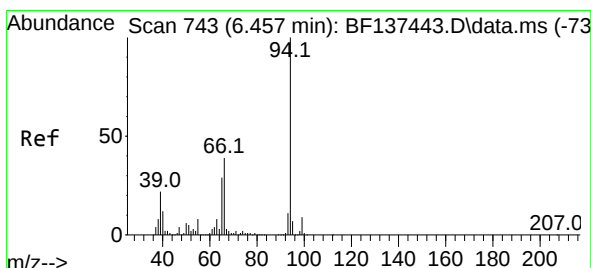
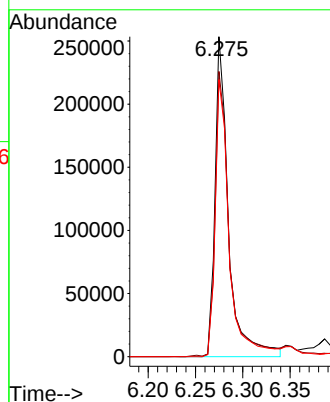
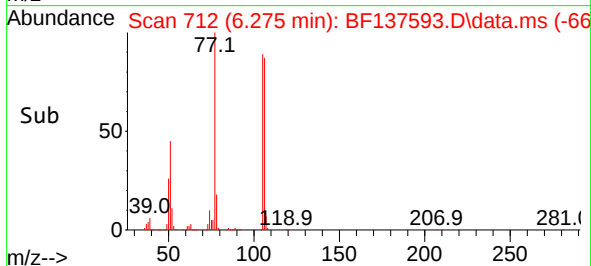
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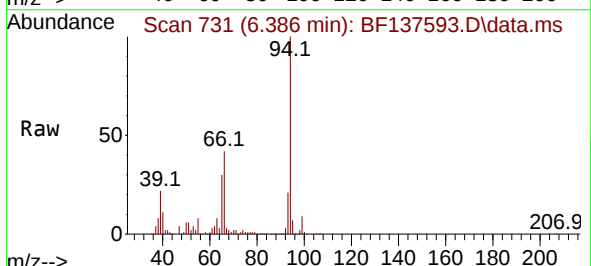
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Ion Ratio Lower Upper
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105 89.1 69.8 109.8
106 86.6 67.8 107.8

Manual Integrations
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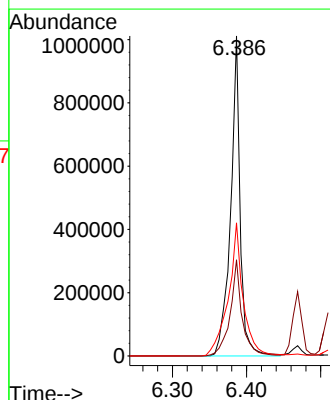
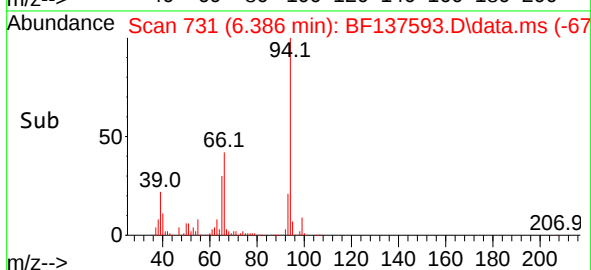
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024

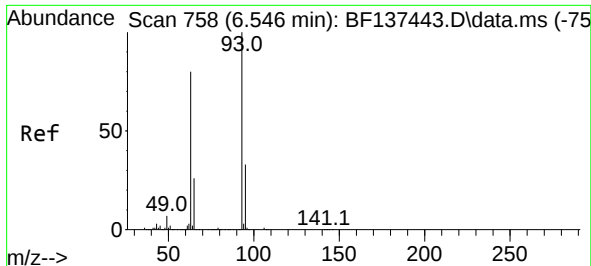


#10
Phenol
Concen: 41.565 ng
RT: 6.386 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30



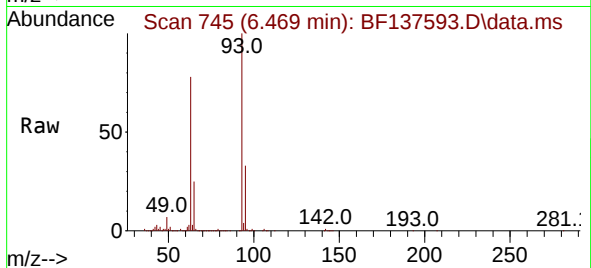
Tgt Ion: 94 Resp: 906177
Ion Ratio Lower Upper
94 100
65 30.0 8.7 48.7
66 41.6 18.6 58.6





#11
bis(2-Chloroethyl)ether
Concen: 43.538 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

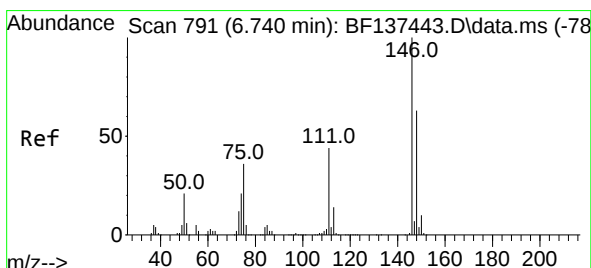
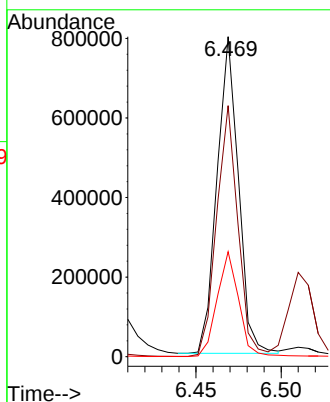
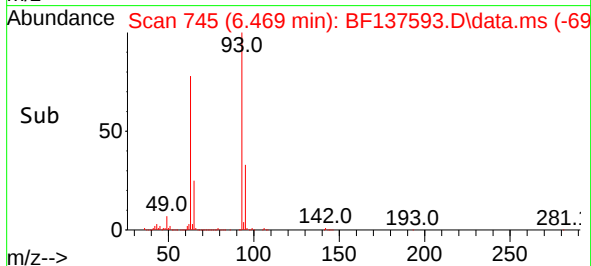
Instrument :
BNA_F
ClientSampleId :
PB159584BS



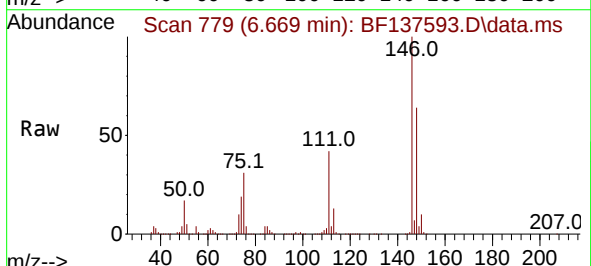
Tgt Ion: 93 Resp: 695570
Ion Ratio Lower Upper
93 100
63 78.4 58.9 98.9
95 32.8 12.2 52.2

Manual Integrations
APPROVED

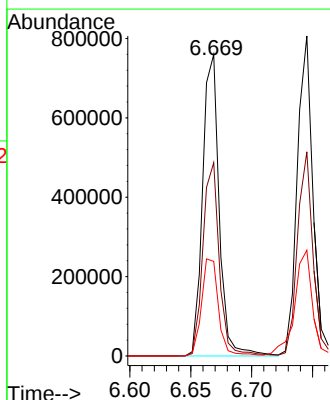
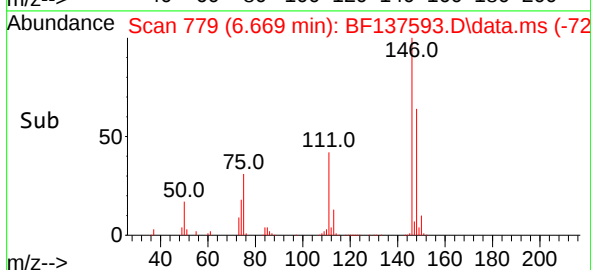
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024

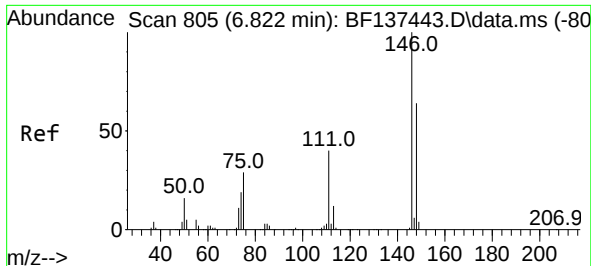


#12
1,3-Dichlorobenzene
Concen: 45.416 ng
RT: 6.669 min Scan# 779
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30



Tgt Ion:146 Resp: 718275
Ion Ratio Lower Upper
146 100
148 64.1 50.3 75.5
75 31.4 29.0 43.4





#13

1,4-Dichlorobenzene

Concen: 44.729 ng

RT: 6.745 min Scan# 74

Delta R.T. -0.000 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

Instrument :

BNA_F

ClientSampleId :

PB159584BS

Tgt Ion:146 Resp: 723799

Ion Ratio Lower Upper

146 100

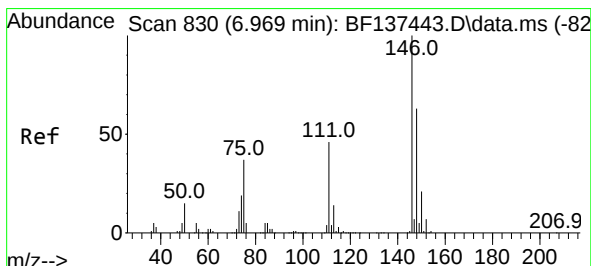
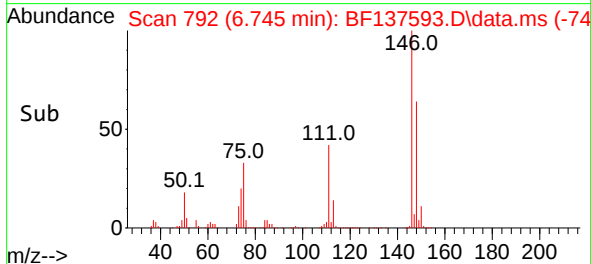
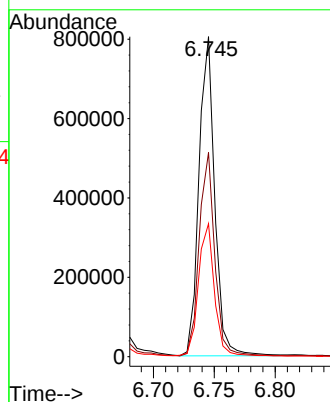
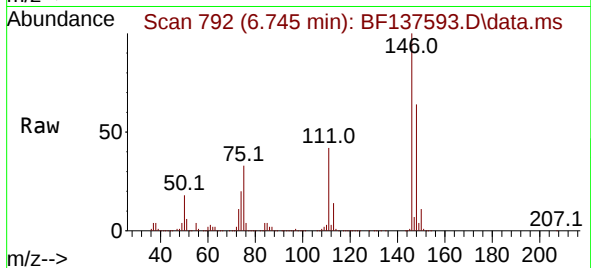
148 63.8 51.2 76.8

111 41.6 32.4 48.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#14

1,2-Dichlorobenzene

Concen: 46.293 ng

RT: 6.892 min Scan# 817

Delta R.T. -0.006 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

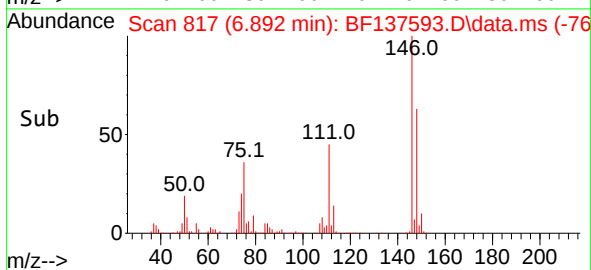
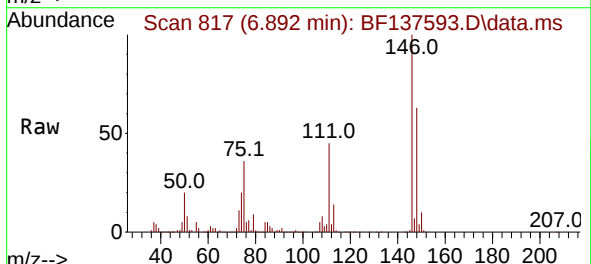
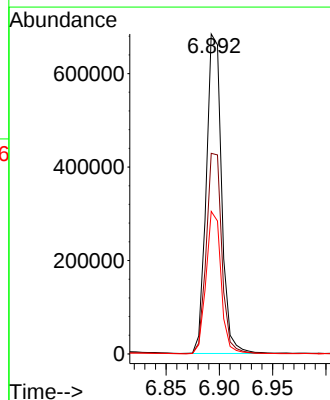
Tgt Ion:146 Resp: 687574

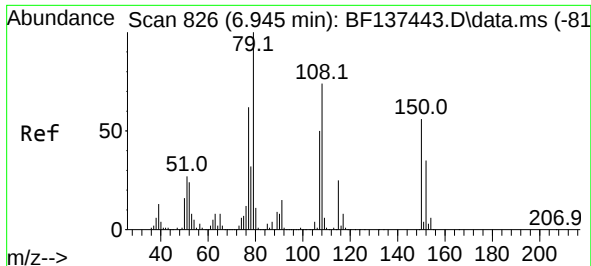
Ion Ratio Lower Upper

146 100

148 62.7 50.0 75.0

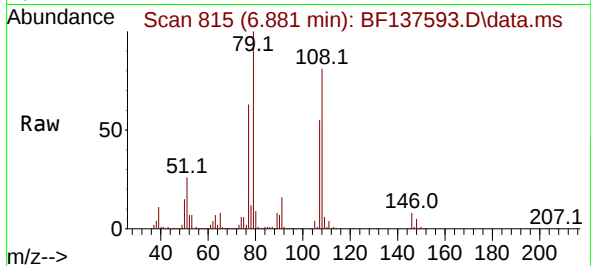
111 44.6 36.8 55.2





#15
Benzyl Alcohol
Concen: 48.962 ng
RT: 6.881 min Scan# 815
Delta R.T. 0.006 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

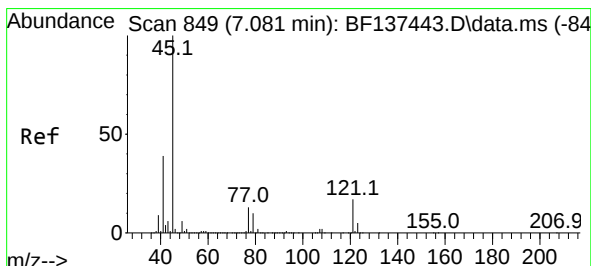
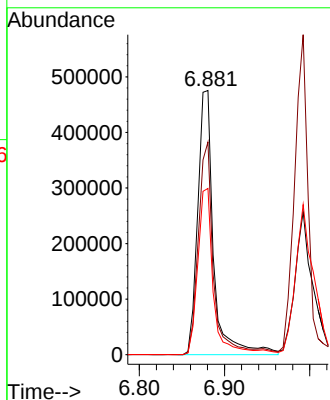
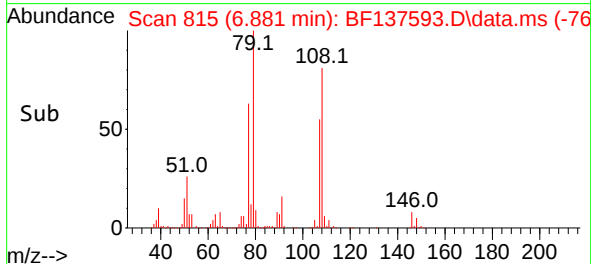
Instrument :
BNA_F
ClientSampleId :
PB159584BS



Tgt Ion: 79 Resp: 617411
Ion Ratio Lower Upper
79 100
108 80.5 59.5 89.3
77 63.0 50.0 75.0

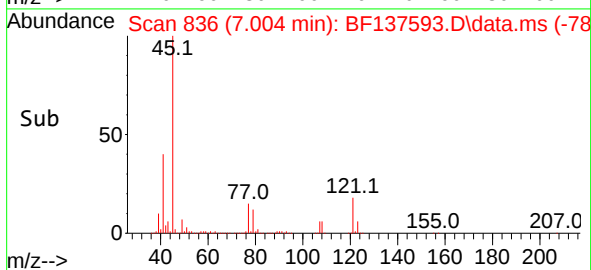
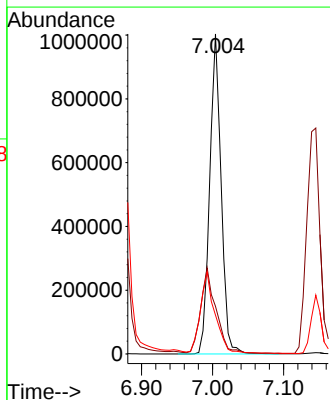
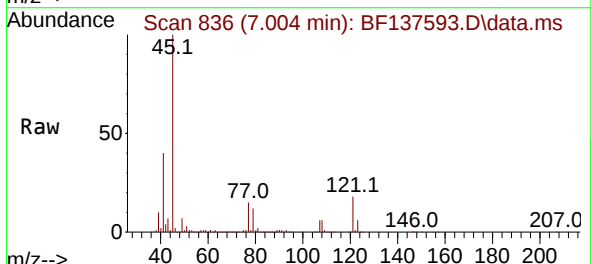
Manual Integrations
APPROVED

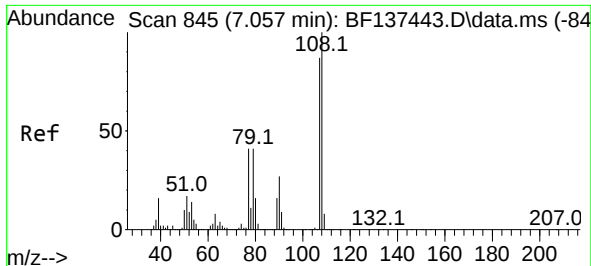
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.960 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Tgt Ion: 45 Resp: 1124828
Ion Ratio Lower Upper
45 100
77 14.9 0.0 33.4
79 12.2 0.0 30.9





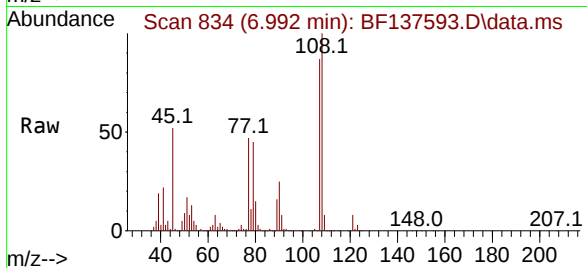
#17
2-Methylphenol
Concen: 41.352 ng
RT: 6.992 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Instrument :

BNA_F

ClientSampleId :

PB159584BS

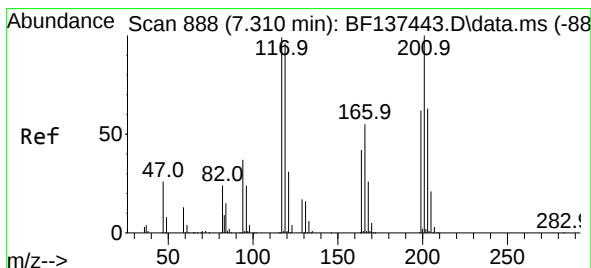
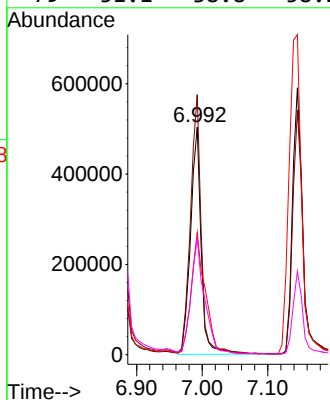
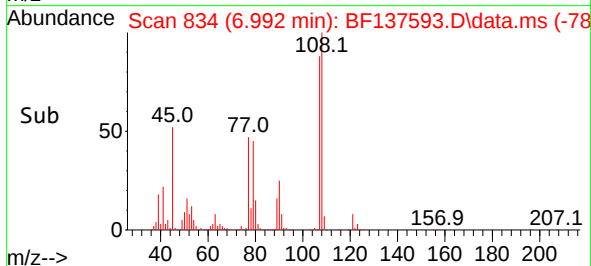


Tgt Ion:107 Resp: 572690
Ion Ratio Lower Upper
107 100
108 114.3 92.2 138.4
77 53.6 38.6 57.8
79 51.1 38.8 58.2

Manual Integrations

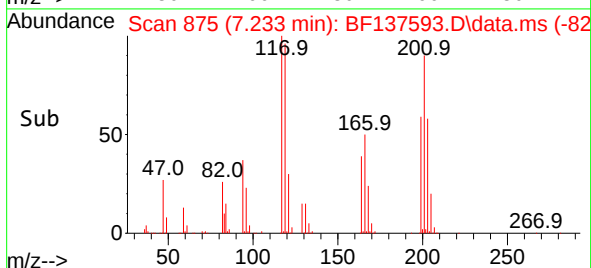
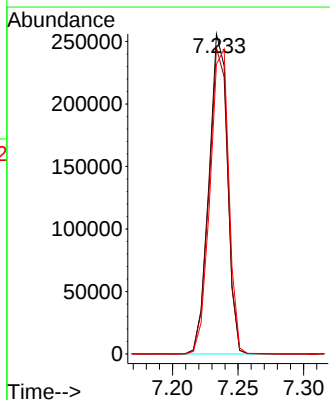
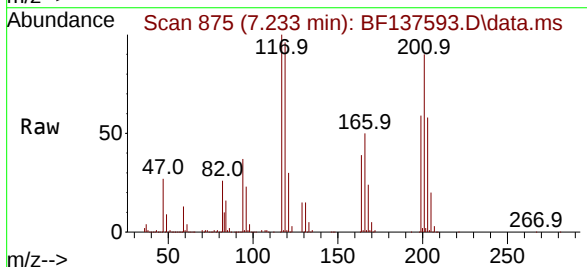
APPROVED

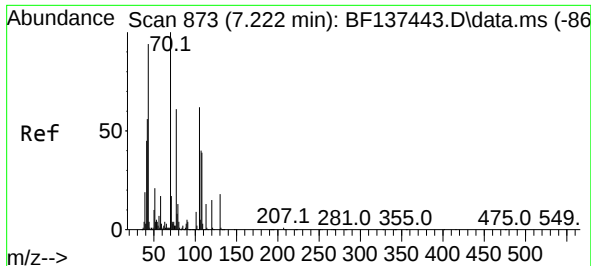
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#18
Hexachloroethane
Concen: 47.430 ng
RT: 7.233 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Tgt Ion:117 Resp: 252716
Ion Ratio Lower Upper
117 100
119 95.7 77.5 116.3
201 90.5 80.6 121.0





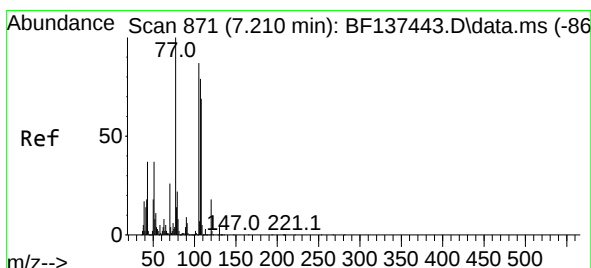
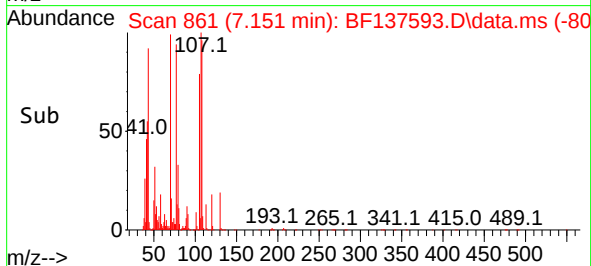
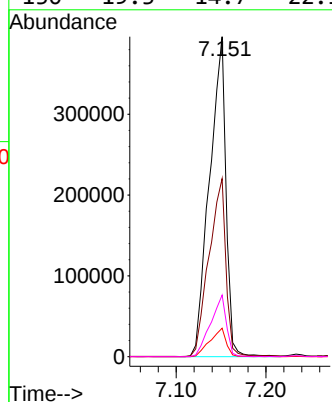
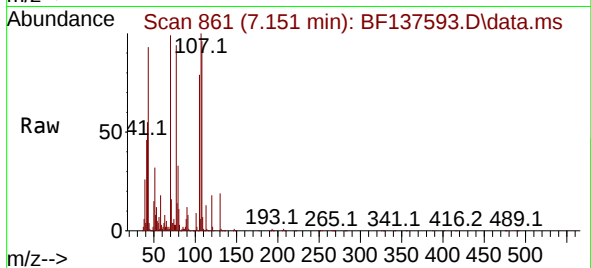
#19
n-Nitroso-di-n-propylamine
Concen: 40.387 ng
RT: 7.151 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Instrument :
BNA_F
ClientSampleId :
PB159584BS

Tgt Ion: 70 Resp: 505150
Ion Ratio Lower Upper
70 100
42 55.6 45.2 67.8
101 8.9 7.3 10.9
130 19.3 14.7 22.1

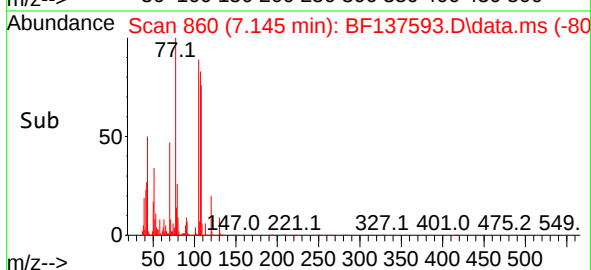
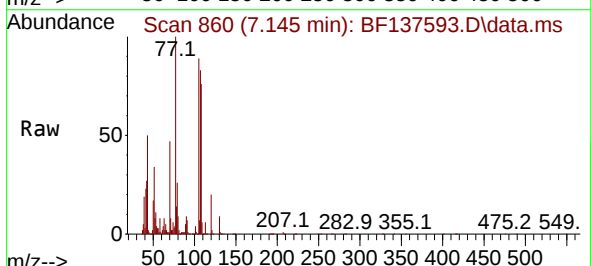
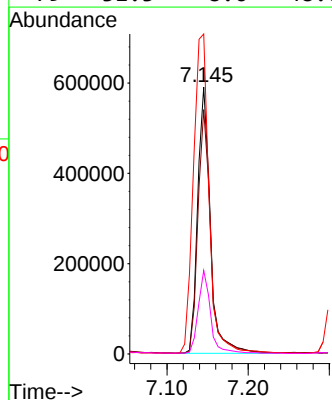
Manual Integrations
APPROVED

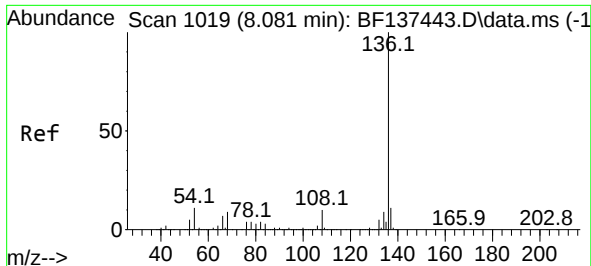
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#20
3+4-Methylphenols
Concen: 40.667 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Tgt Ion:107 Resp: 645031
Ion Ratio Lower Upper
107 100
108 91.6 67.6 107.6
77 119.9 107.1 147.1
79 31.3 8.6 48.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Instrument :

BNA_F

ClientSampleId :

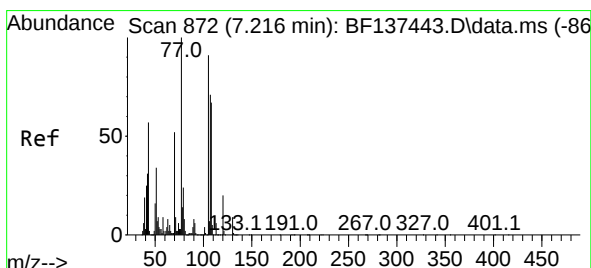
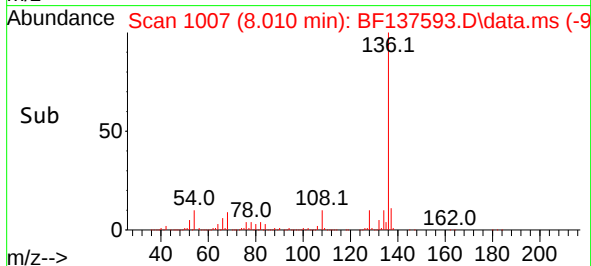
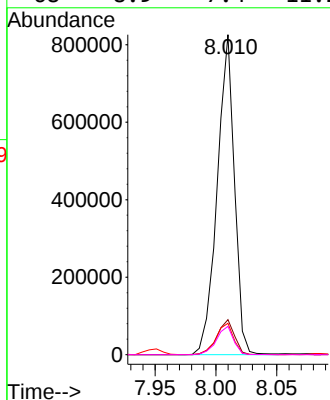
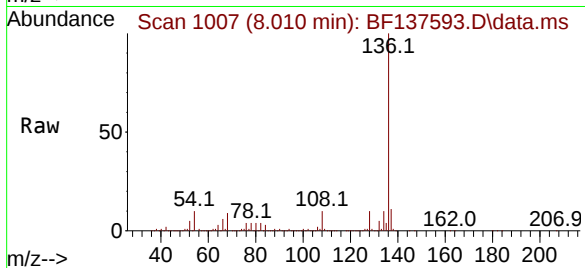
PB159584BS

Tgt Ion:136 Resp: 81665
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 9.8 8.5 12.7
68 8.9 7.4 11.2

Manual Integrations

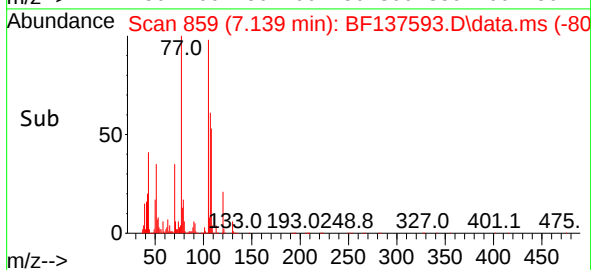
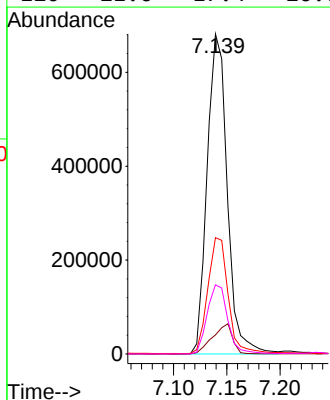
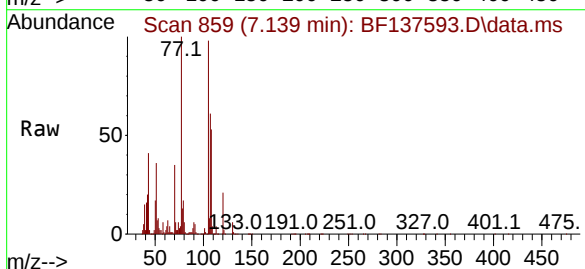
APPROVED

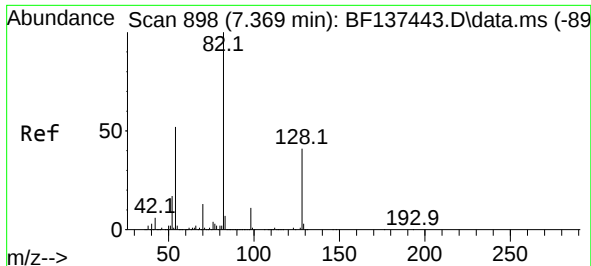
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#22
Acetophenone
Concen: 45.412 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

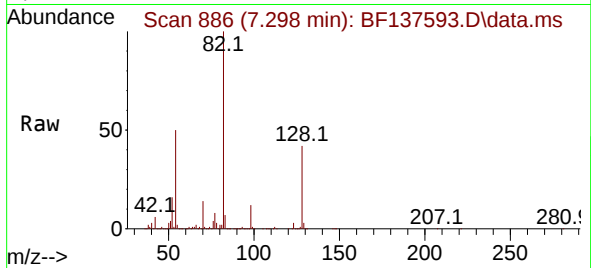
Tgt Ion:105 Resp: 897309
Ion Ratio Lower Upper
105 100
71 6.0 7.7 11.5#
51 36.4 30.4 45.6
120 21.6 17.4 26.0





#23
Nitrobenzene-d5
Concen: 84.672 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

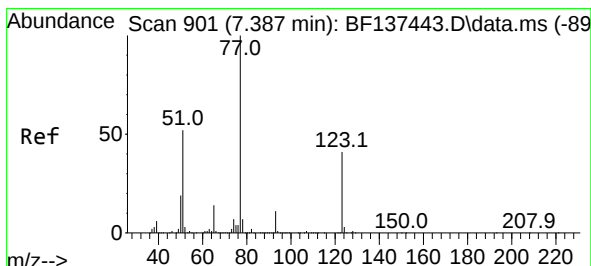
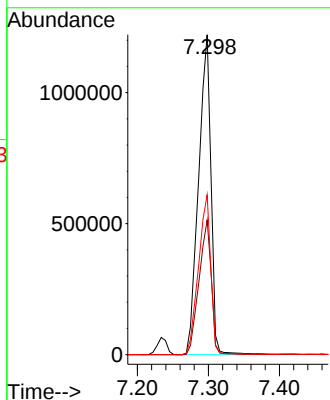
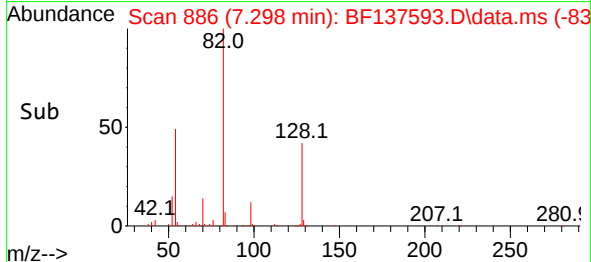
Instrument :
BNA_F
ClientSampleId :
PB159584BS



Tgt Ion: 82 Resp: 148820
Ion Ratio Lower Upper
82 100
128 42.1 32.5 48.7
54 49.9 41.5 62.3

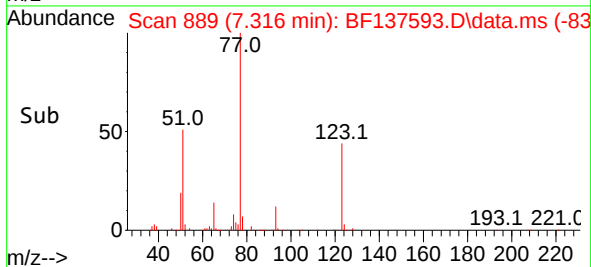
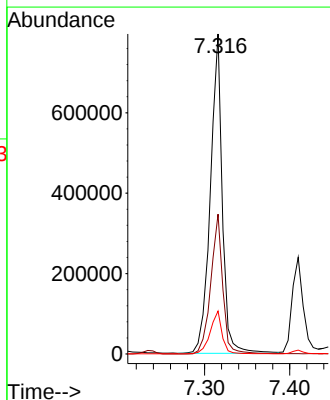
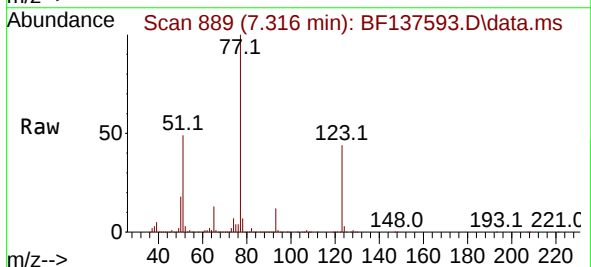
Manual Integrations
APPROVED

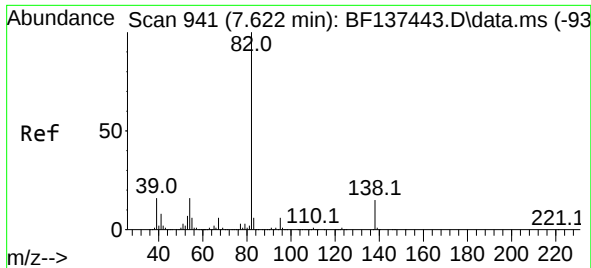
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#24
Nitrobenzene
Concen: 43.968 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

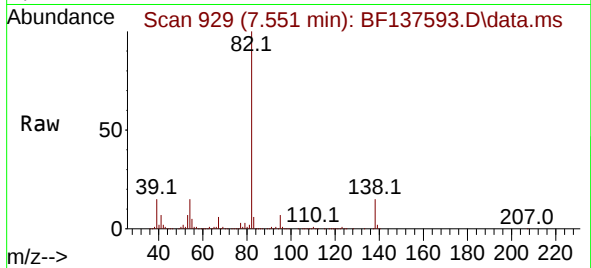
Tgt Ion: 77 Resp: 776295
Ion Ratio Lower Upper
77 100
123 43.7 33.0 49.6
65 13.4 10.9 16.3





#25
Isophorone
Concen: 43.807 ng
RT: 7.551 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

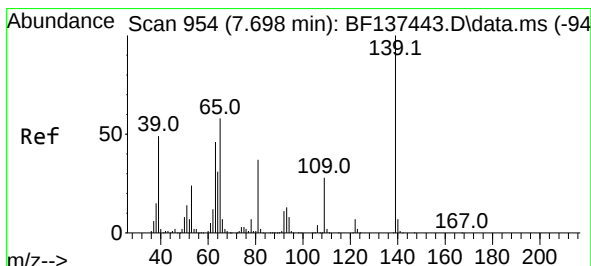
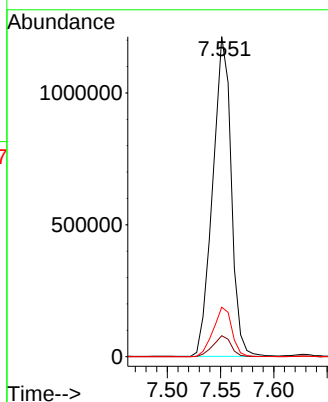
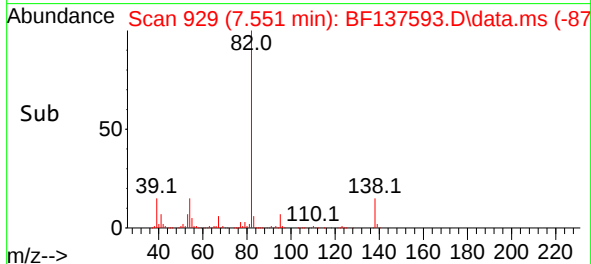
Instrument :
BNA_F
ClientSampleId :
PB159584BS



Tgt Ion: 82 Resp: 1462770
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 15.4 11.8 17.8

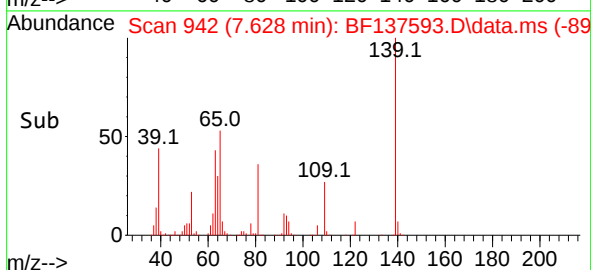
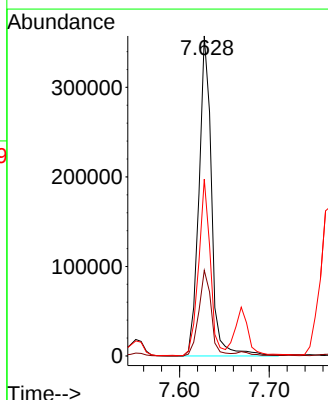
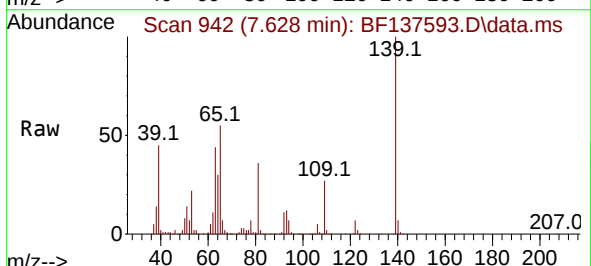
Manual Integrations
APPROVED

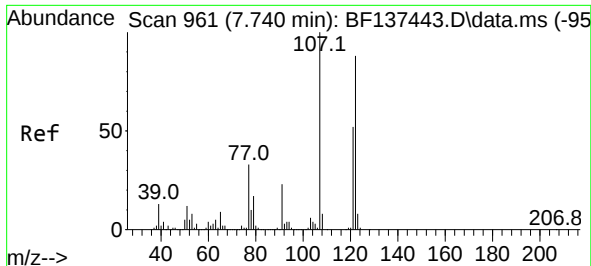
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#26
2-Nitrophenol
Concen: 49.839 ng
RT: 7.628 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Tgt Ion:139 Resp: 349353
Ion Ratio Lower Upper
139 100
109 26.8 22.2 33.4
65 55.3 46.2 69.2





#27

2,4-Dimethylphenol

Concen: 38.796 ng

RT: 7.669 min Scan# 94

Delta R.T. -0.000 min

Lab File: BF137593.D

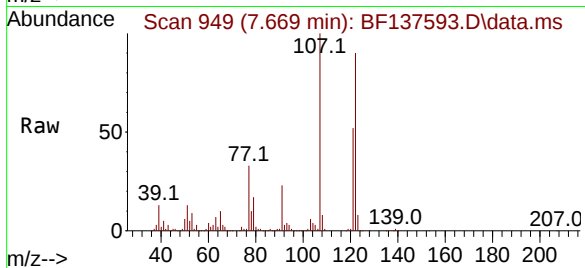
Acq: 14 Mar 2024 16:30

Instrument :

BNA_F

ClientSampleId :

PB159584BS

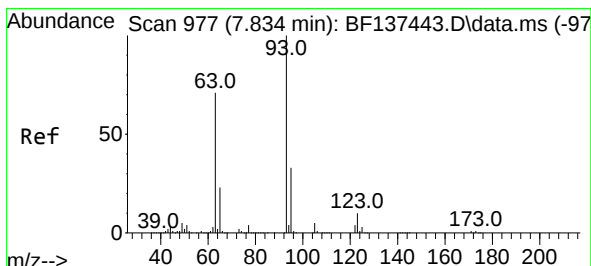
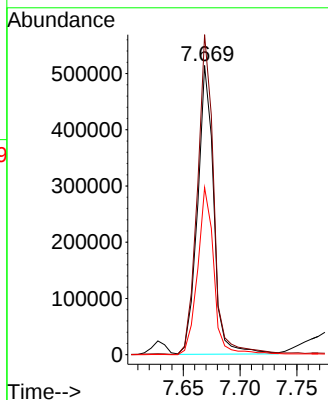
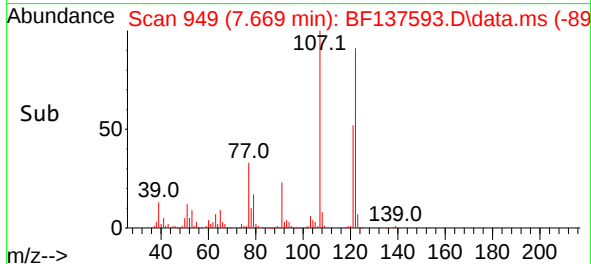


Tgt Ion:	122	Resp:	50813
Ion Ratio	Lower	Upper	
122	100		
107	110.7	90.9	136.3
121	57.9	47.0	70.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#28

bis(2-Chloroethoxy)methane

Concen: 44.954 ng

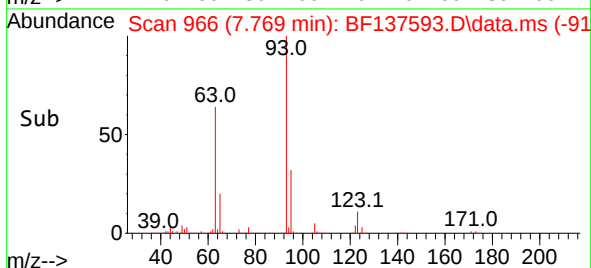
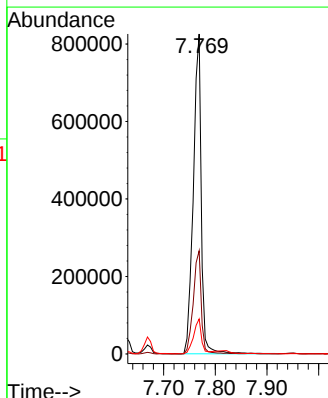
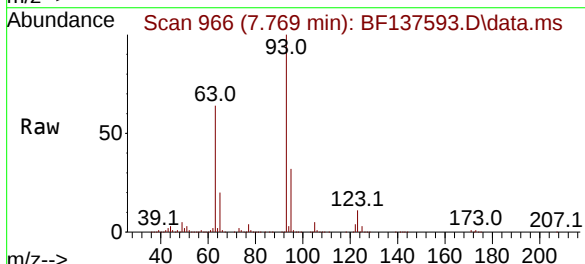
RT: 7.769 min Scan# 966

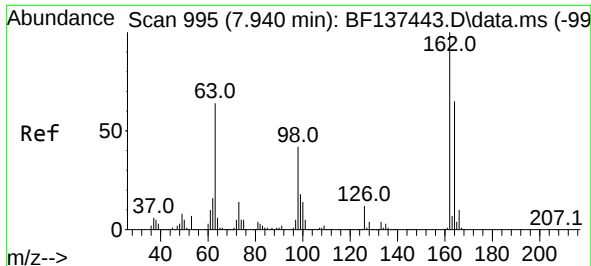
Delta R.T. 0.006 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

Tgt Ion:	93	Resp:	880728
Ion Ratio	Lower	Upper	
93	100		
95	32.3	26.5	39.7
123	10.9	8.0	12.0





#29

2,4-Dichlorophenol

Concen: 46.468 ng

RT: 7.869 min Scan# 995

Delta R.T. -0.000 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

Instrument :

BNA_F

ClientSampleId :

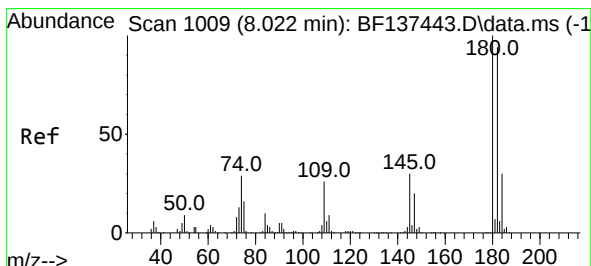
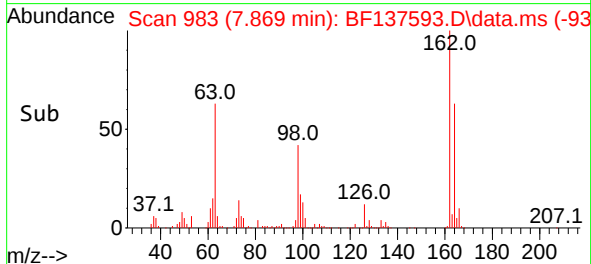
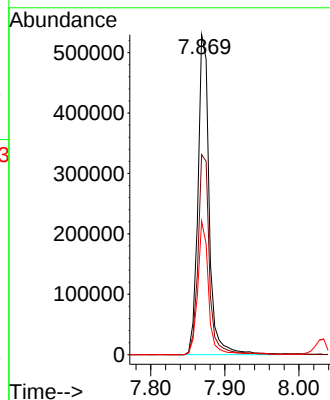
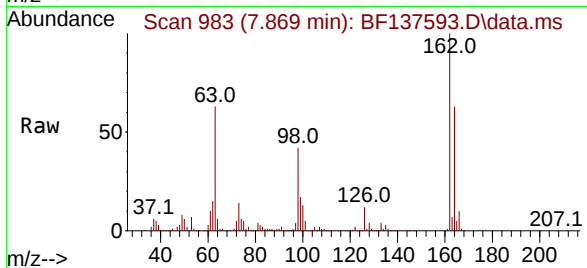
PB159584BS

Tgt Ion:162 Resp: 558580
 Ion Ratio Lower Upper
 162 100
 164 62.5 44.7 84.7
 98 41.7 22.0 62.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/15/2024
 Supervised By :mohammad ahmed 03/16/2024



#30

1,2,4-Trichlorobenzene

Concen: 46.811 ng

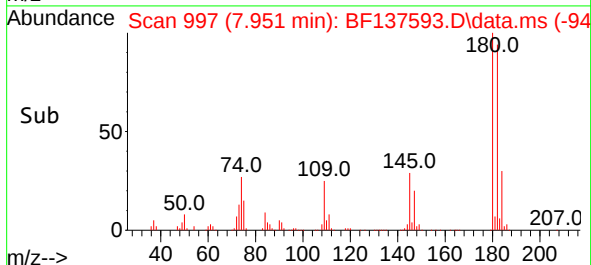
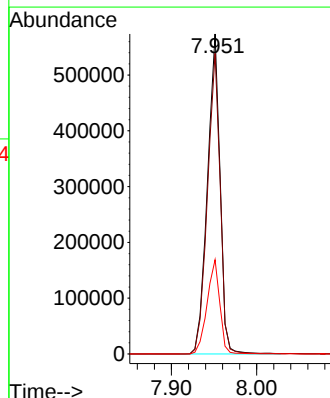
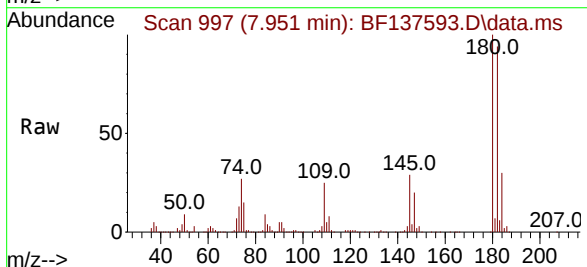
RT: 7.951 min Scan# 997

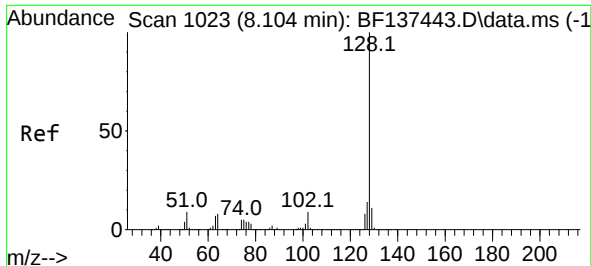
Delta R.T. -0.000 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

Tgt Ion:180 Resp: 592159
 Ion Ratio Lower Upper
 180 100
 182 94.0 75.0 112.6
 145 29.4 23.7 35.5





#31
Naphthalene
Concen: 43.958 ng
RT: 8.033 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Instrument :

BNA_F

ClientSampleId :

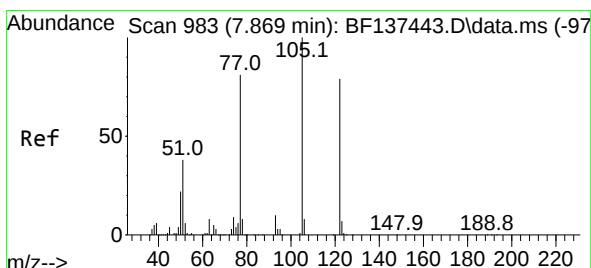
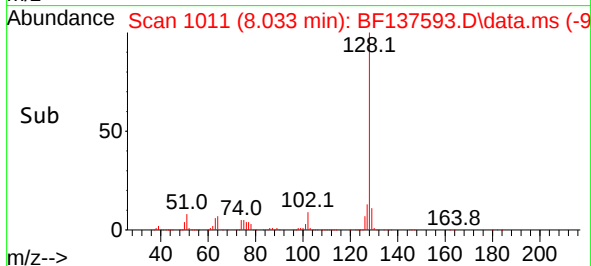
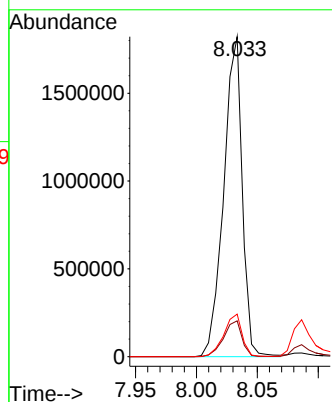
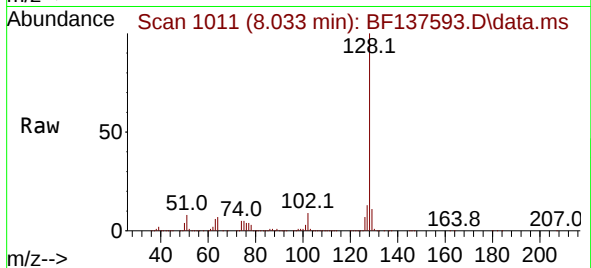
PB159584BS

Tgt Ion:128 Resp: 192607
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.3 10.8 16.2

Manual Integrations

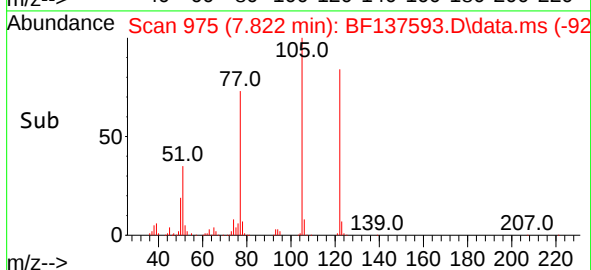
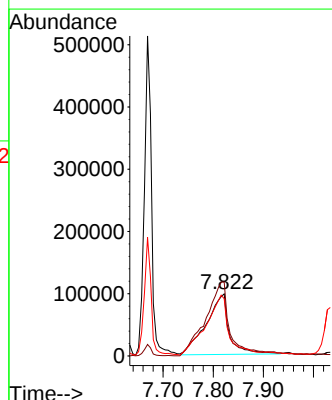
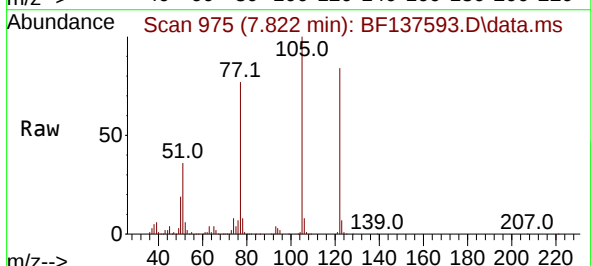
APPROVED

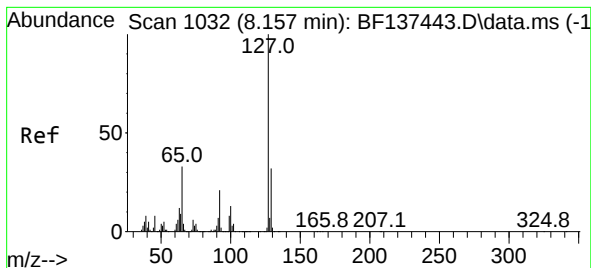
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#32
Benzoic acid
Concen: 42.490 ng
RT: 7.822 min Scan# 975
Delta R.T. 0.023 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Tgt Ion:122 Resp: 314211
Ion Ratio Lower Upper
122 100
105 119.2 102.4 142.4
77 92.3 81.1 121.1





#33

4-Chloroaniline

Concen: 16.518 ng

RT: 8.086 min Scan# 1030

Delta R.T. -0.000 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

Instrument :

BNA_F

ClientSampleId :

PB159584BS

Tgt Ion:127 Resp: 28380

Ion Ratio Lower Upper

127 100

129 32.7 26.0 39.0

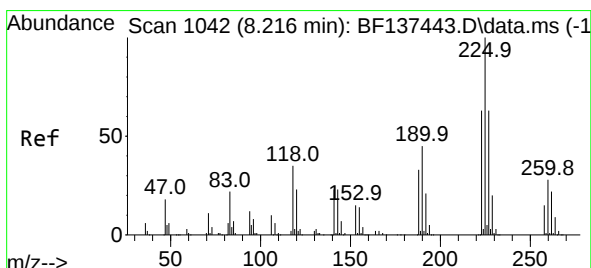
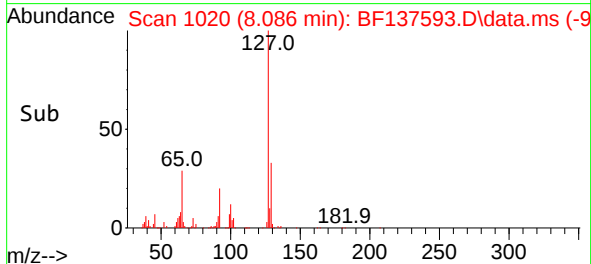
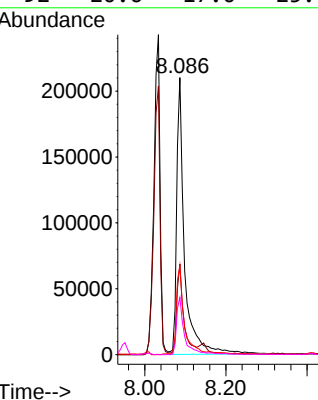
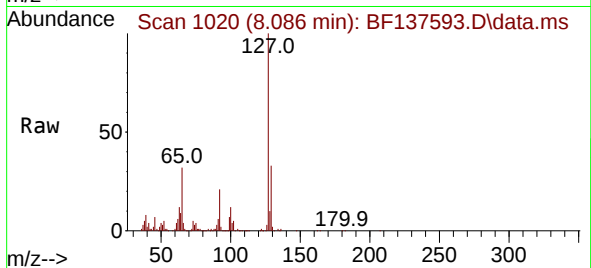
65 32.3 26.8 40.2

92 20.6 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#34

Hexachlorobutadiene

Concen: 46.417 ng

RT: 8.145 min Scan# 1030

Delta R.T. -0.000 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

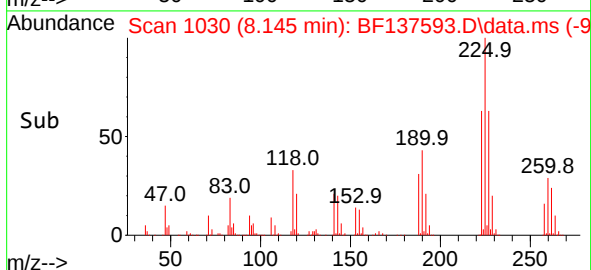
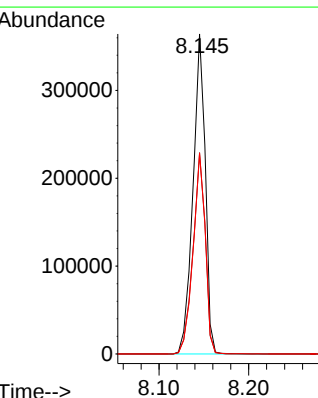
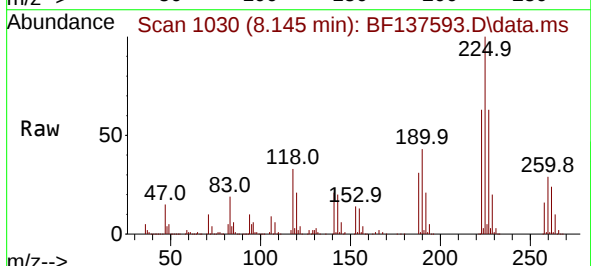
Tgt Ion:225 Resp: 346656

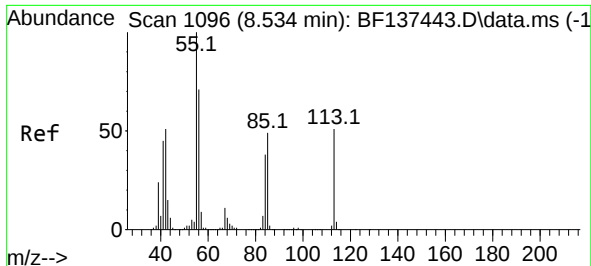
Ion Ratio Lower Upper

225 100

223 62.9 50.7 76.1

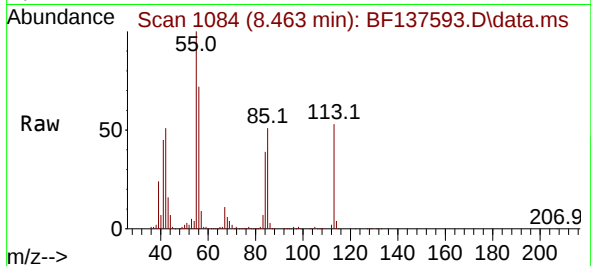
227 62.7 50.6 75.8





#35
Caprolactam
Concen: 45.294 ng m
RT: 8.463 min Scan# 1103
Delta R.T. 0.006 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

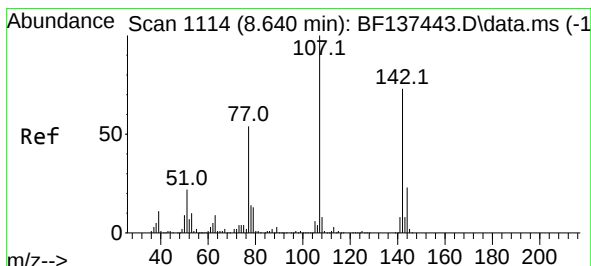
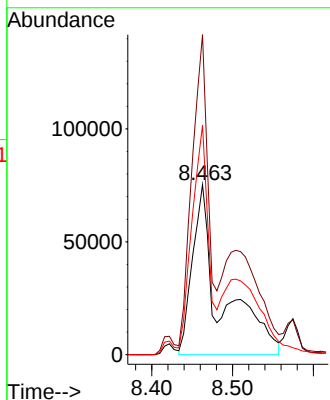
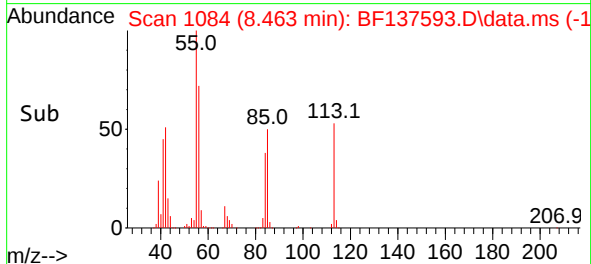
Instrument :
BNA_F
ClientSampleId :
PB159584BS



Tgt Ion:113 Resp: 184624
Ion Ratio Lower Upper
113 100
55 188.2 176.7 216.7
56 134.9 120.6 160.6

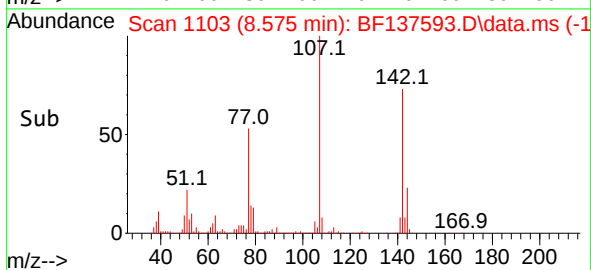
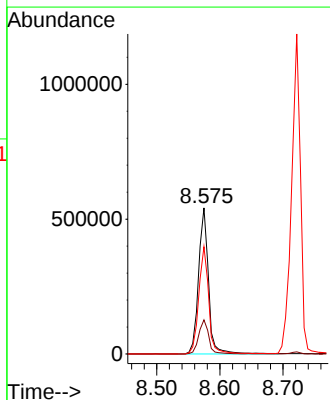
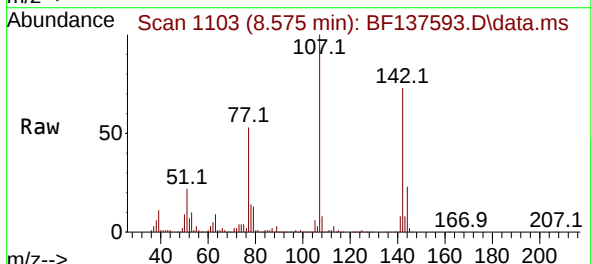
Manual Integrations
APPROVED

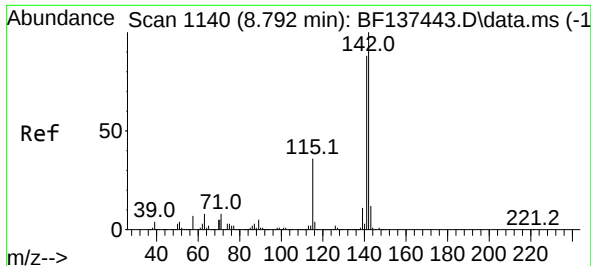
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#36
4-Chloro-3-methylphenol
Concen: 43.993 ng
RT: 8.575 min Scan# 1103
Delta R.T. 0.006 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Tgt Ion:107 Resp: 591130
Ion Ratio Lower Upper
107 100
144 23.3 18.7 28.1
142 73.4 58.2 87.2





#37

2-Methylnaphthalene

Concen: 41.863 ng

RT: 8.722 min Scan# 1140

Delta R.T. -0.000 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

Instrument :

BNA_F

ClientSampleId :

PB159584BS

Tgt Ion:142 Resp: 116933

Ion Ratio Lower Upper

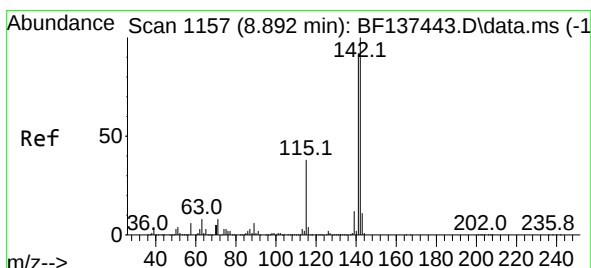
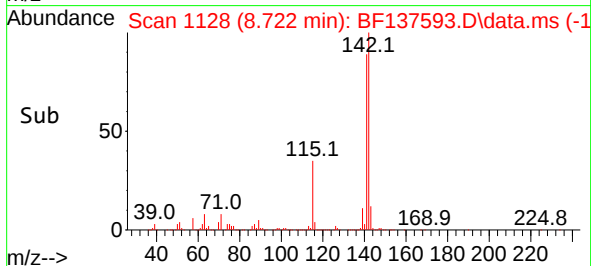
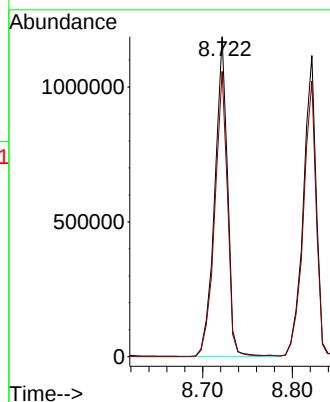
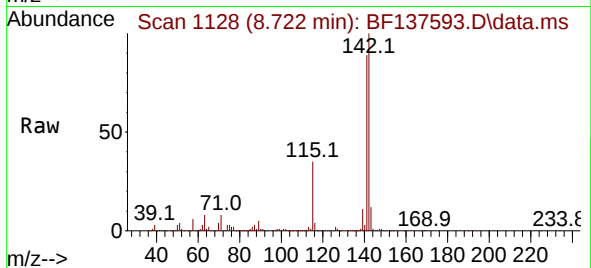
142 100

141 89.2 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#38

1-Methylnaphthalene

Concen: 42.236 ng

RT: 8.822 min Scan# 1145

Delta R.T. -0.000 min

Lab File: BF137593.D

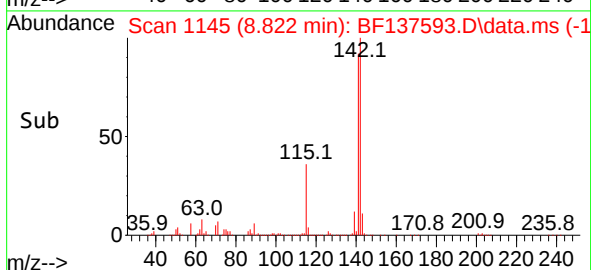
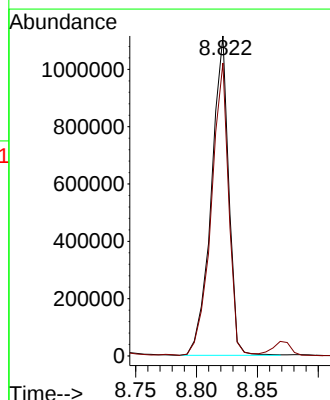
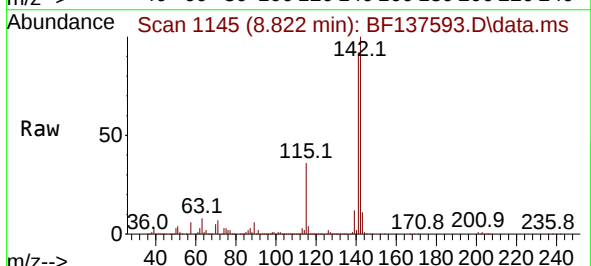
Acq: 14 Mar 2024 16:30

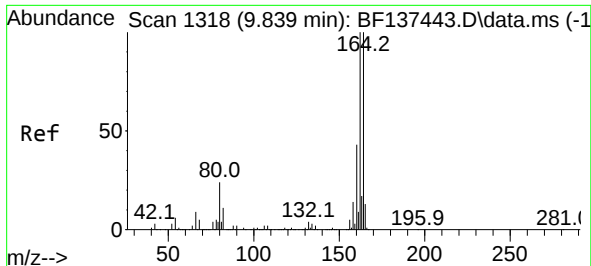
Tgt Ion:142 Resp: 1111032

Ion Ratio Lower Upper

142 100

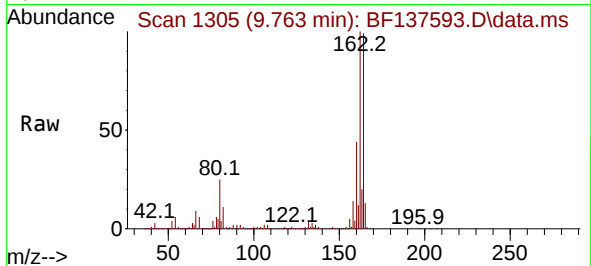
141 91.6 73.4 110.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

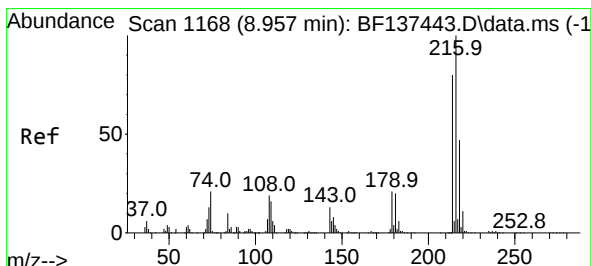
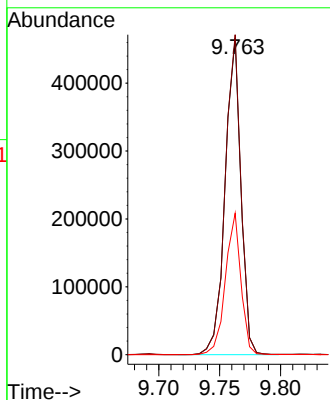
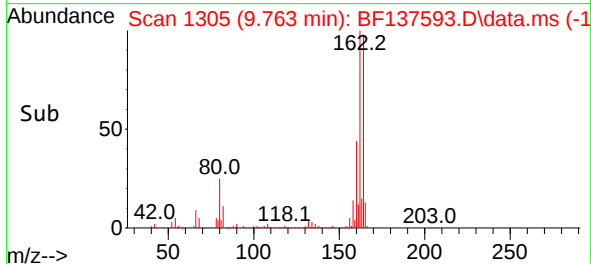
Instrument :
BNA_F
ClientSampleId :
PB159584BS



Tgt Ion:164 Resp: 421172
Ion Ratio Lower Upper
164 100
162 101.1 79.8 119.8
160 44.7 34.4 51.6

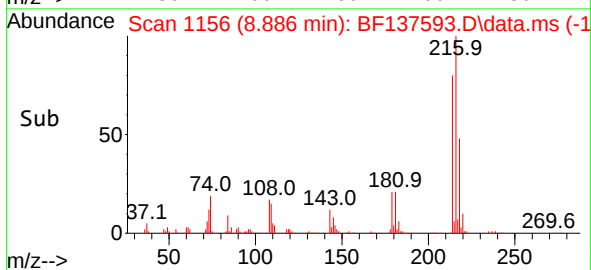
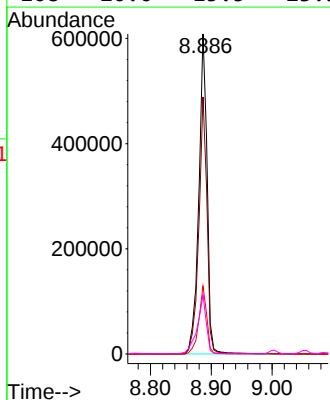
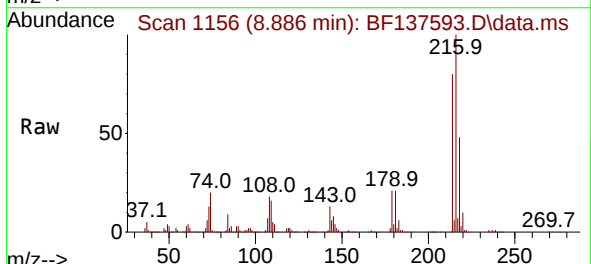
Manual Integrations
APPROVED

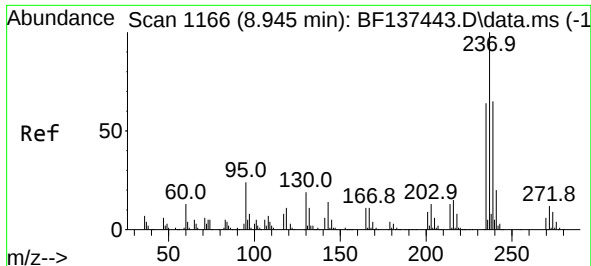
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.933 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

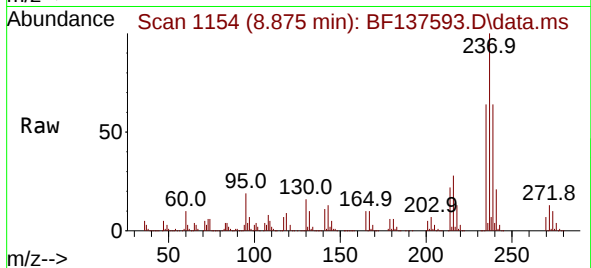
Tgt Ion:216 Resp: 575356
Ion Ratio Lower Upper
216 100
214 79.3 63.5 95.3
179 20.5 16.6 25.0
108 20.0 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 92.107 ng
RT: 8.875 min Scan# 1154
Delta R.T. 0.006 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

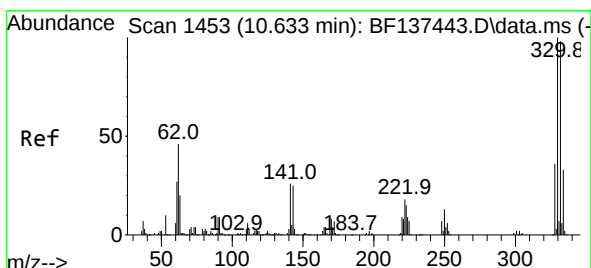
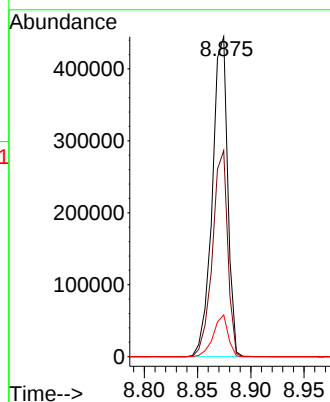
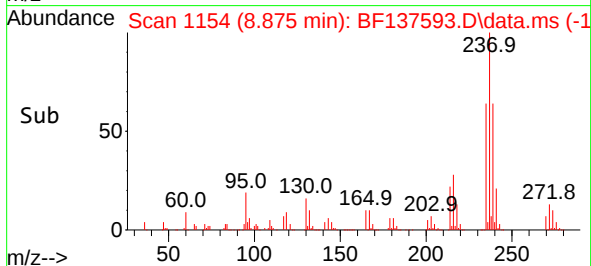
Instrument :
BNA_F
ClientSampleId :
PB159584BS



Tgt Ion:237 Resp: 448639
Ion Ratio Lower Upper
237 100
235 64.4 43.6 83.6
272 13.1 0.0 31.9

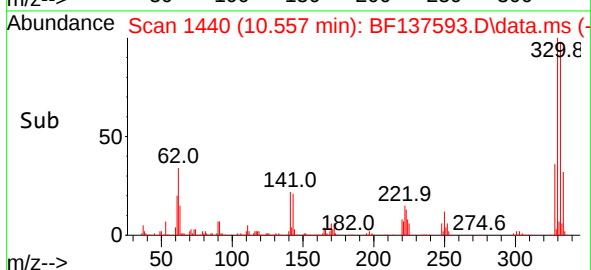
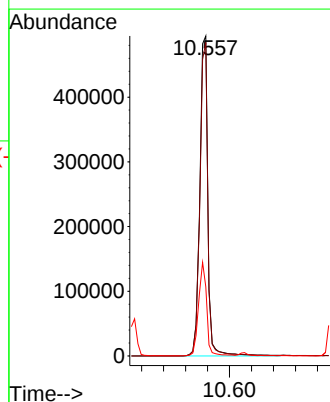
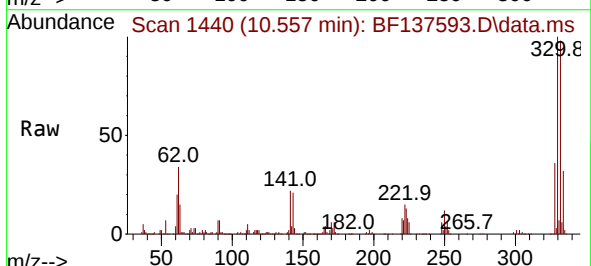
Manual Integrations
APPROVED

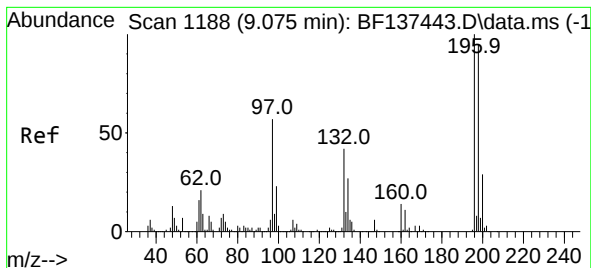
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#42
2,4,6-Tribromophenol
Concen: 136.560 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Tgt Ion:330 Resp: 505084
Ion Ratio Lower Upper
330 100
332 96.3 78.0 117.0
141 29.2 27.3 40.9





#43

2,4,6-Trichlorophenol

Concen: 48.400 ng

RT: 9.004 min Scan# 1176

Delta R.T. 0.006 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

Instrument :

BNA_F

ClientSampleId :

PB159584BS

Tgt Ion:196 Resp: 370592

Ion Ratio Lower Upper

196 100

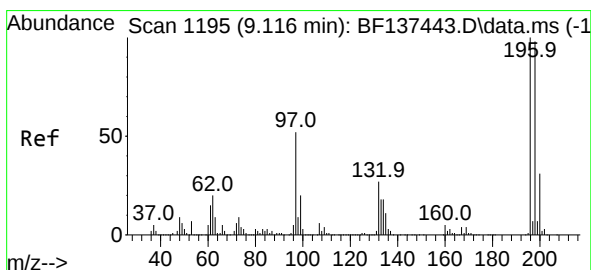
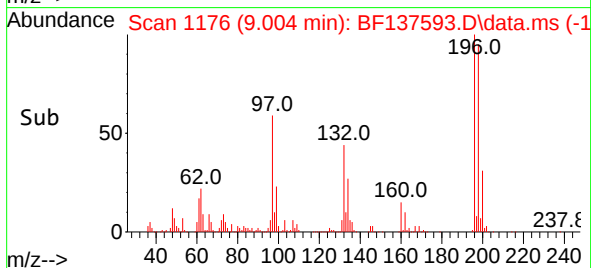
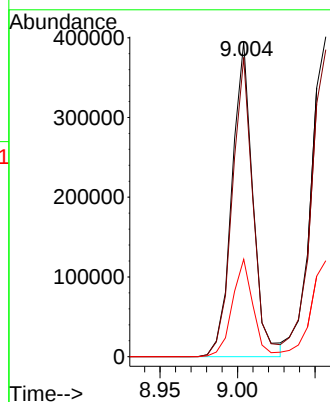
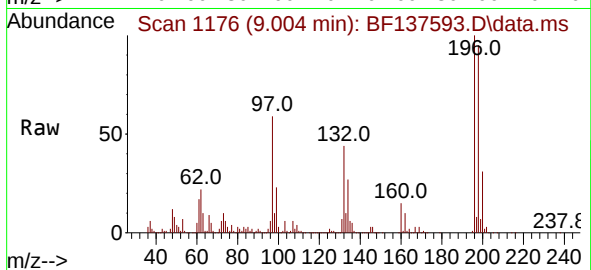
198 94.9 75.8 113.8

200 30.9 23.5 35.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#44

2,4,5-Trichlorophenol

Concen: 42.780 ng

RT: 9.057 min Scan# 1185

Delta R.T. 0.017 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

Tgt Ion:196 Resp: 377332

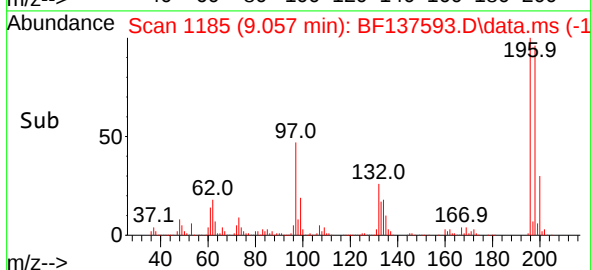
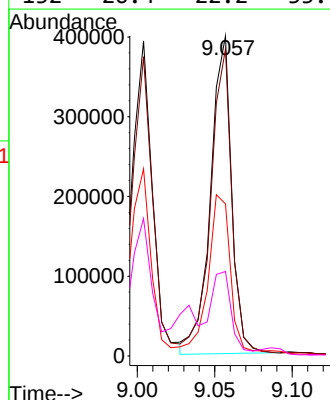
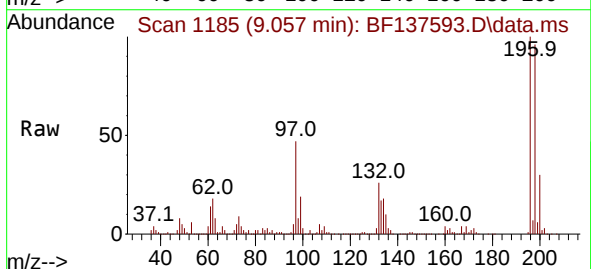
Ion Ratio Lower Upper

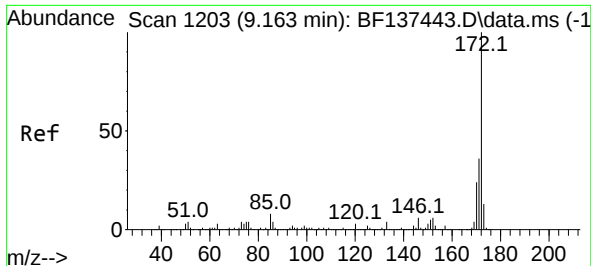
196 100

198 96.0 78.6 117.8

97 47.5 41.8 62.8

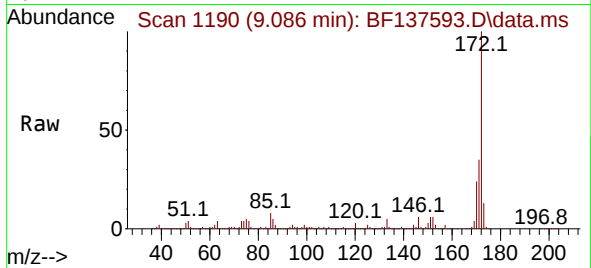
132 26.4 22.2 33.4





#45
2-Fluorobiphenyl
Concen: 86.518 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

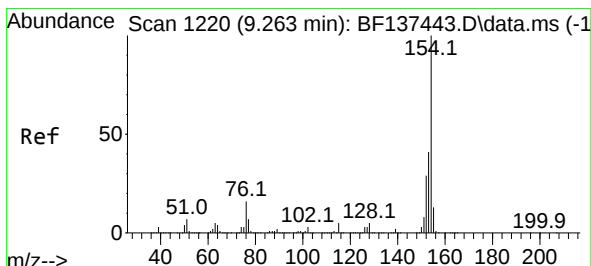
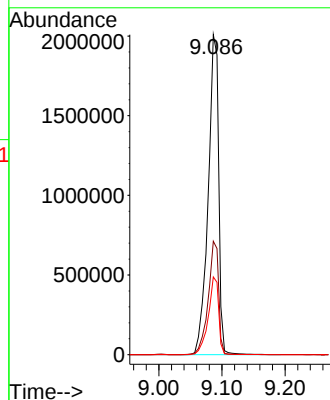
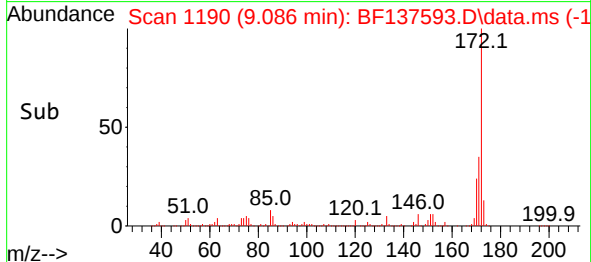
Instrument :
BNA_F
ClientSampleId :
PB159584BS



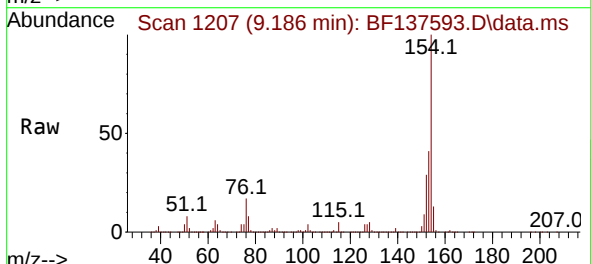
Tgt Ion:172 Resp: 232783
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 24.3 19.0 28.6

Manual Integrations
APPROVED

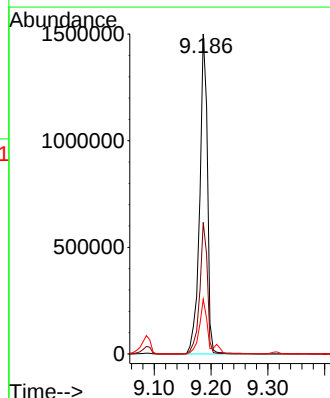
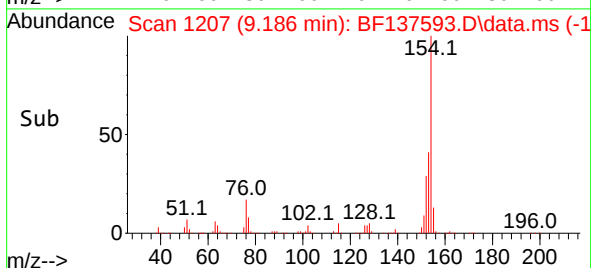
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024

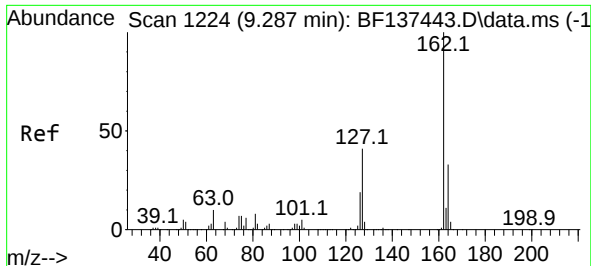


#46
1,1'-Biphenyl
Concen: 46.422 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30



Tgt Ion:154 Resp: 1431022
Ion Ratio Lower Upper
154 100
153 41.1 21.0 61.0
76 17.1 0.0 35.8





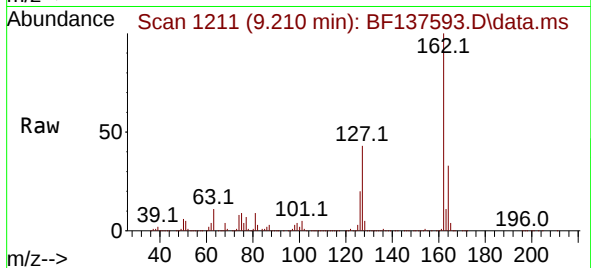
#47
2-Chloronaphthalene
Concen: 47.753 ng
RT: 9.210 min Scan# 1122318
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Instrument :

BNA_F

ClientSampleId :

PB159584BS

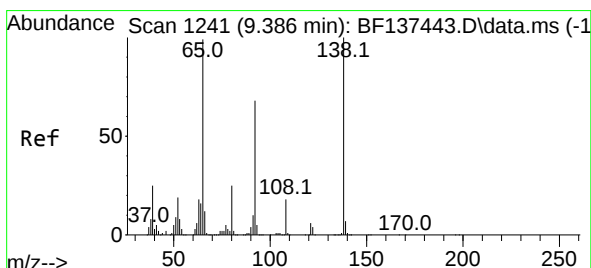
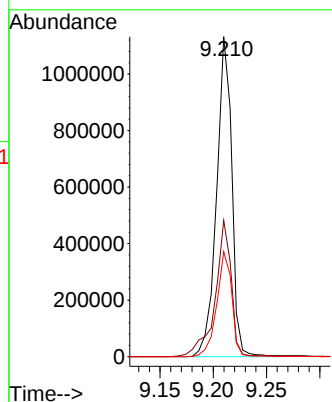
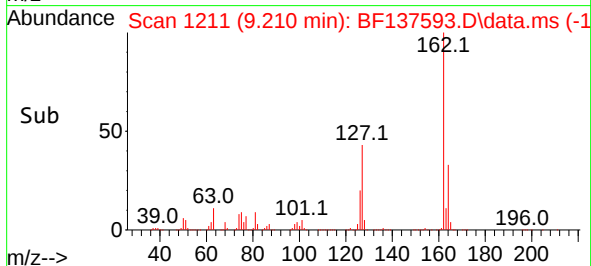


Tgt Ion:162 Resp: 1122318
Ion Ratio Lower Upper
162 100
127 42.6 32.6 49.0
164 32.8 26.5 39.7

Manual Integrations

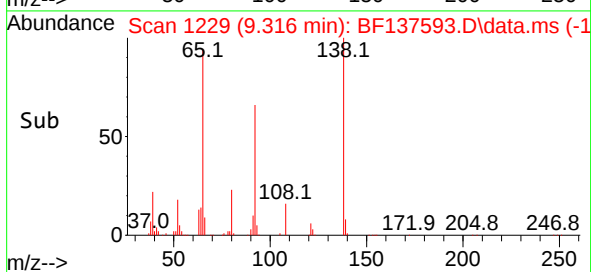
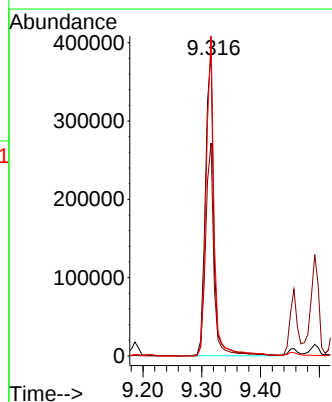
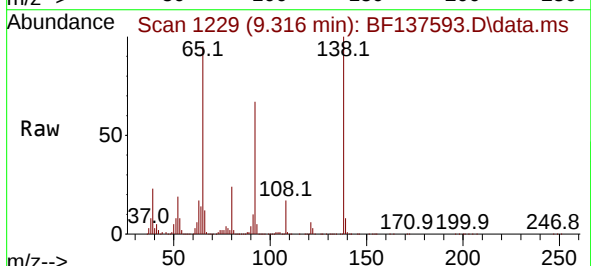
APPROVED

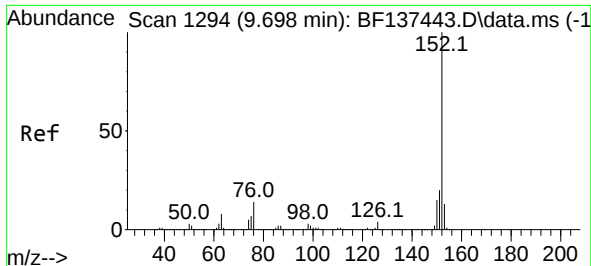
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#48
2-Nitroaniline
Concen: 48.206 ng
RT: 9.316 min Scan# 1229
Delta R.T. 0.006 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

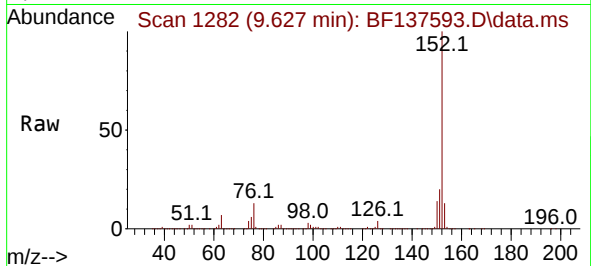
Tgt Ion: 65 Resp: 385078
Ion Ratio Lower Upper
65 100
92 70.0 55.4 83.2
138 105.1 81.0 121.6





#49
Acenaphthylene
Concen: 46.641 ng
RT: 9.627 min Scan# 1282
Delta R.T. 0.006 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

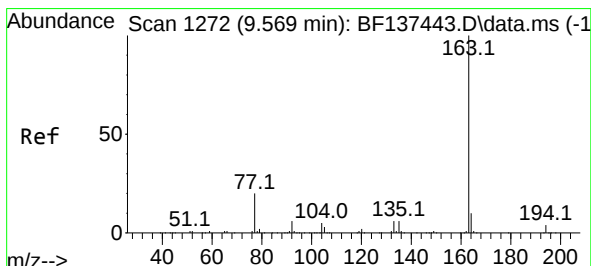
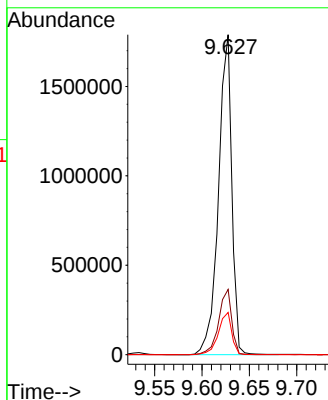
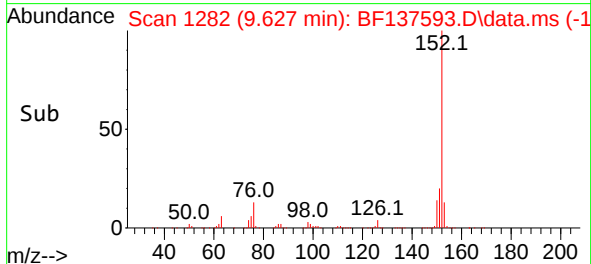
Instrument :
BNA_F
ClientSampleId :
PB159584BS



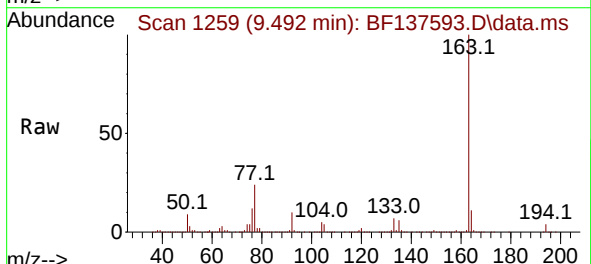
Tgt Ion:152 Resp: 175423
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.2 10.8 16.2

Manual Integrations
APPROVED

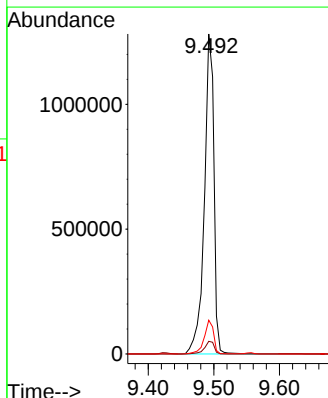
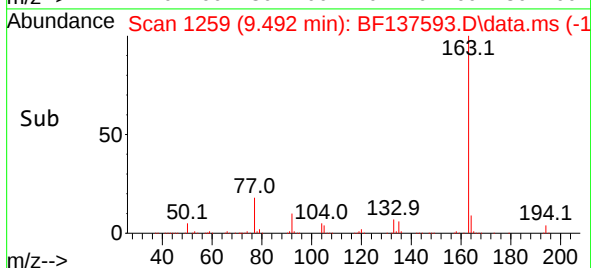
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024

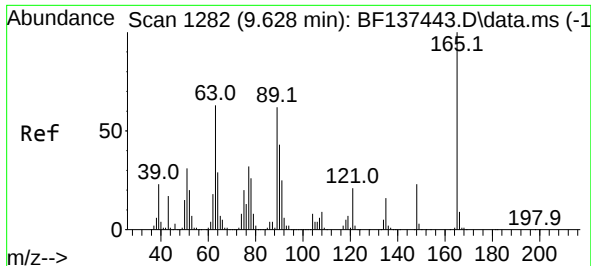


#50
Dimethylphthalate
Concen: 44.439 ng
RT: 9.492 min Scan# 1259
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30



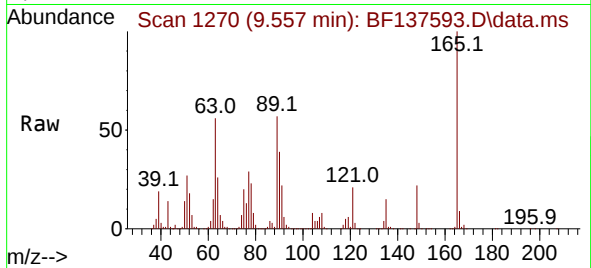
Tgt Ion:163 Resp: 1302874
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.6 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 46.741 ng
RT: 9.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

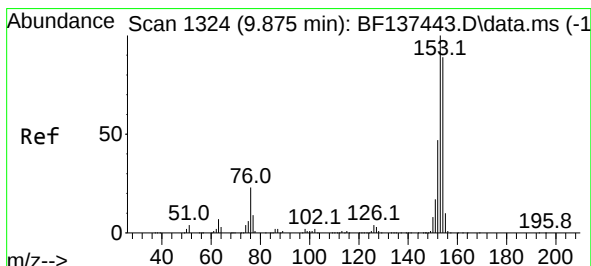
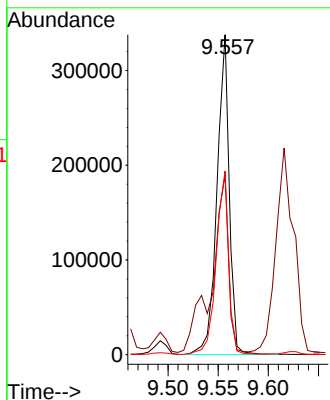
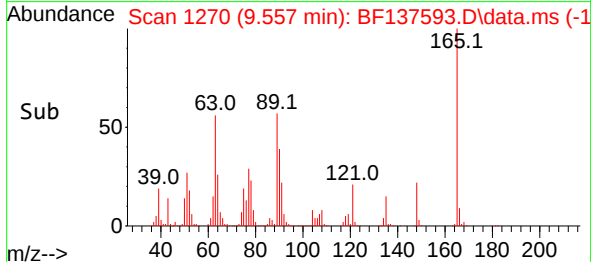
Instrument :
BNA_F
ClientSampleId :
PB159584BS



Tgt Ion:165 Resp: 28662
Ion Ratio Lower Upper
165 100
63 56.0 50.7 76.1
89 57.4 50.0 75.0

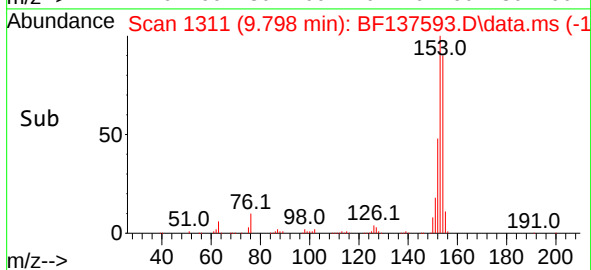
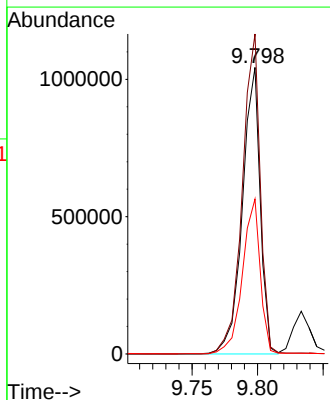
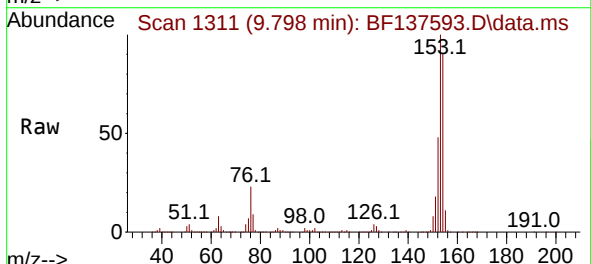
Manual Integrations
APPROVED

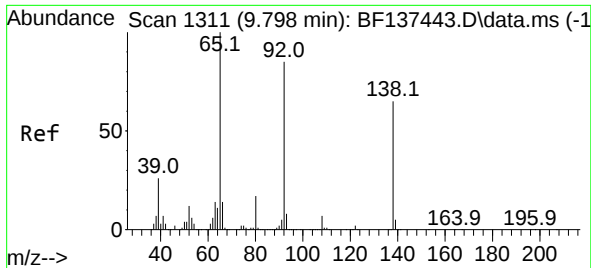
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#52
Acenaphthene
Concen: 43.850 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Tgt Ion:154 Resp: 984630
Ion Ratio Lower Upper
154 100
153 111.7 90.3 135.5
152 54.1 42.7 64.1





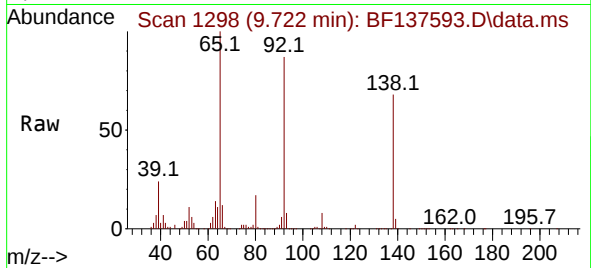
#53
3-Nitroaniline
Concen: 28.967 ng
RT: 9.722 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Instrument :

BNA_F

ClientSampleId :

PB159584BS

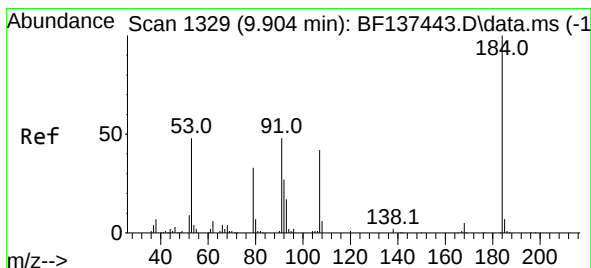
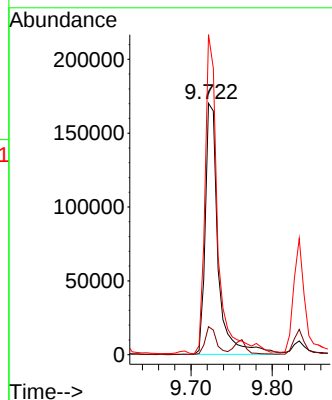
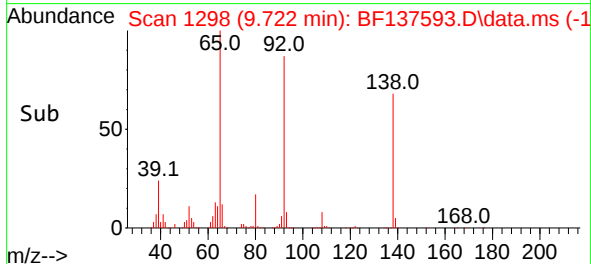


Tgt Ion:138 Resp: 187889
Ion Ratio Lower Upper
138 100
108 11.2 9.1 13.7
92 127.3 104.6 157.0

Manual Integrations

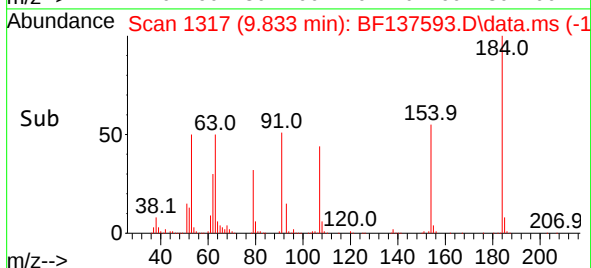
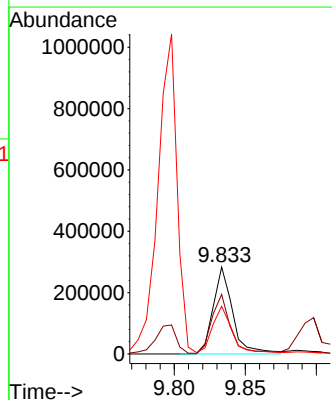
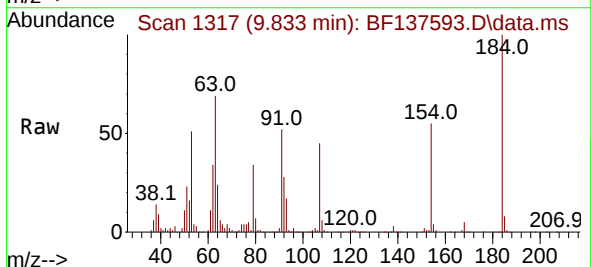
APPROVED

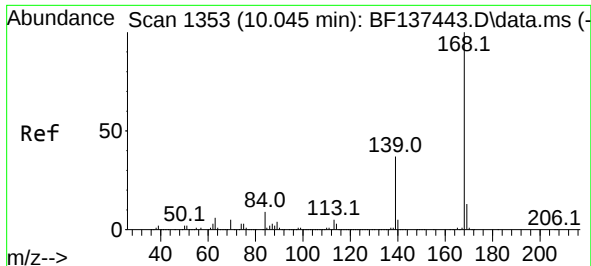
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#54
2,4-Dinitrophenol
Concen: 89.253 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Tgt Ion:184 Resp: 270128
Ion Ratio Lower Upper
184 100
63 68.6 53.3 79.9
154 54.9 47.4 71.0





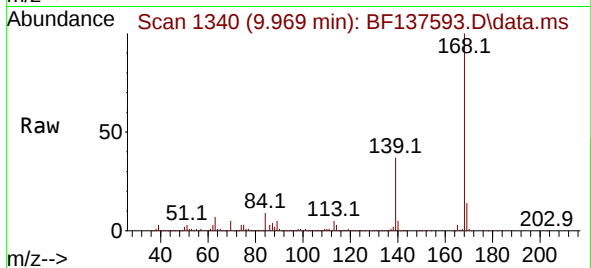
#55
Dibenzenofuran
Concen: 43.482 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Instrument :

BNA_F

ClientSampleId :

PB159584BS

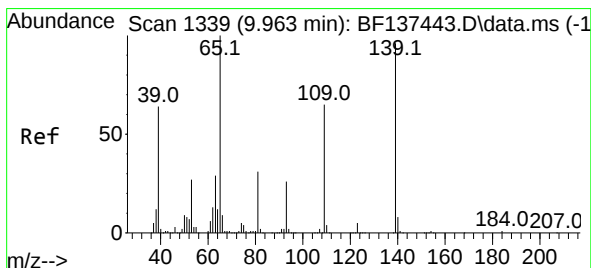
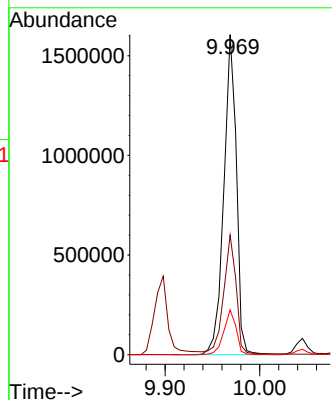
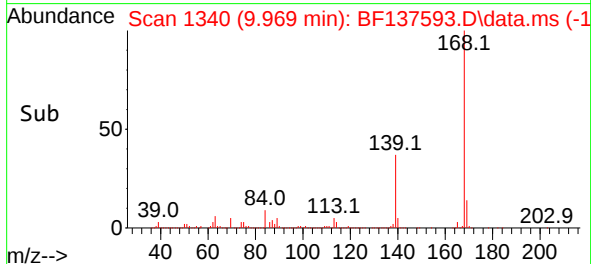


Tgt Ion:168 Resp: 1487094
Ion Ratio Lower Upper
168 100
139 37.4 29.8 44.6
169 14.0 10.8 16.2

Manual Integrations

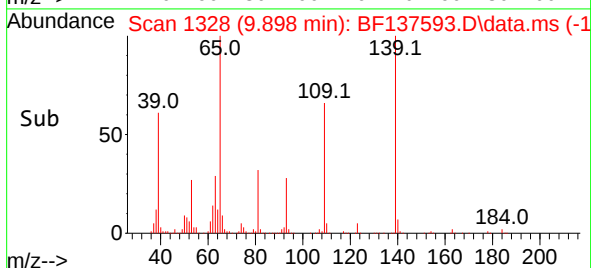
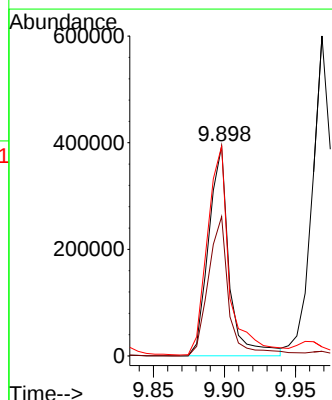
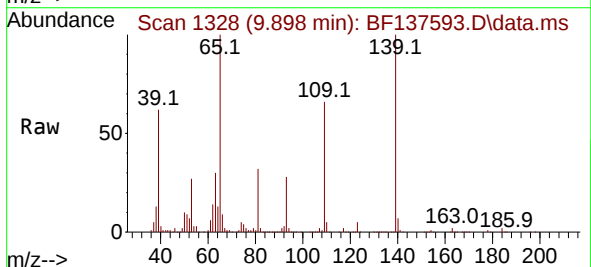
APPROVED

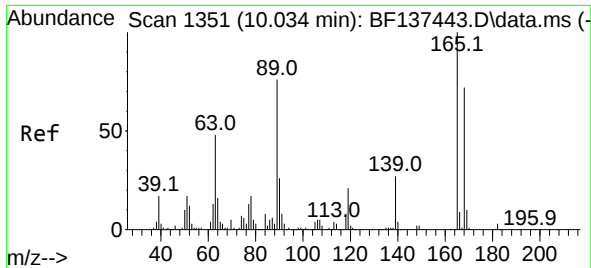
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#56
4-Nitrophenol
Concen: 85.810 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.012 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Tgt Ion:139 Resp: 397595
Ion Ratio Lower Upper
139 100
109 66.3 47.1 87.1
65 99.8 85.1 125.1





#57
2,4-Dinitrotoluene
Concen: 47.188 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Instrument :

BNA_F

ClientSampleId :

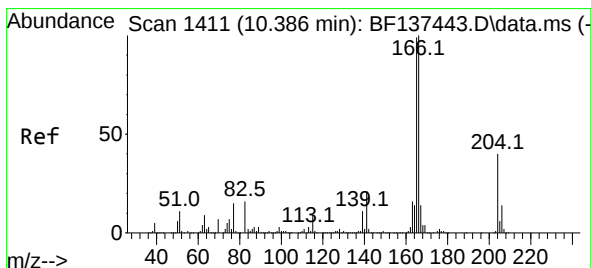
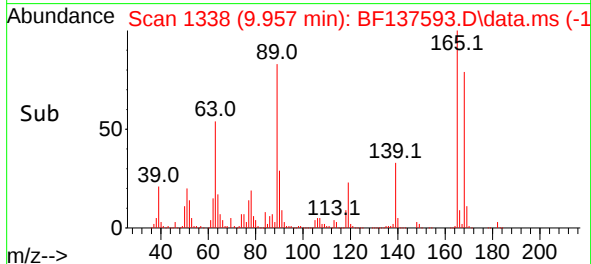
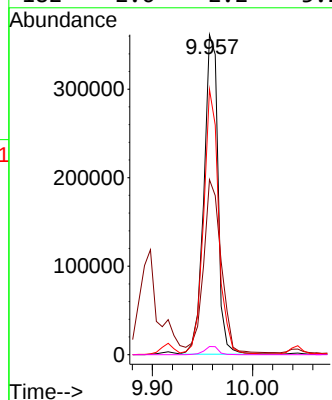
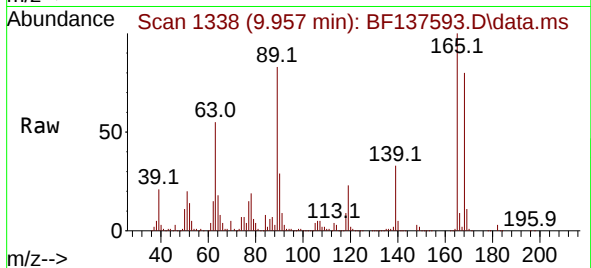
PB159584BS

Tgt Ion:165 Resp: 355510
Ion Ratio Lower Upper
165 100
63 54.7 39.0 58.6
89 82.9 60.9 91.3
182 2.6 2.2 3.2

Manual Integrations

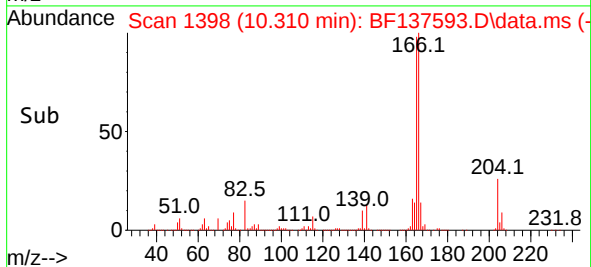
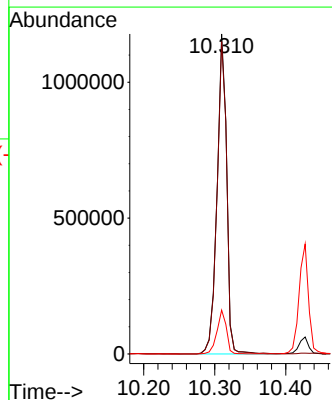
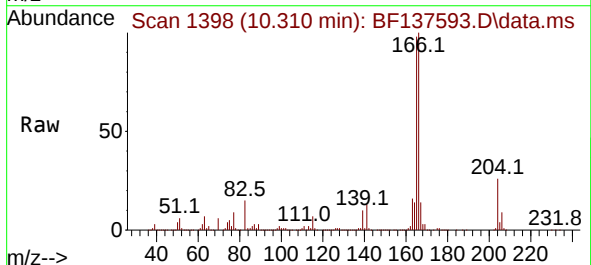
APPROVED

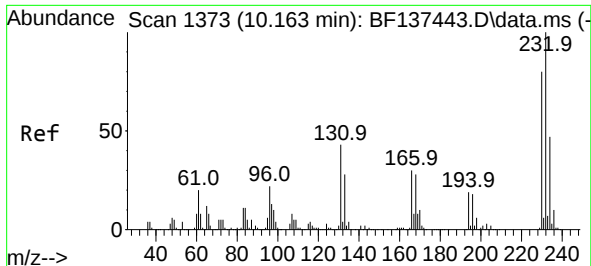
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#58
Fluorene
Concen: 42.025 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Tgt Ion:166 Resp: 1103778
Ion Ratio Lower Upper
166 100
165 97.6 79.2 118.8
167 13.7 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.540 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Instrument :

BNA_F

ClientSampleId :

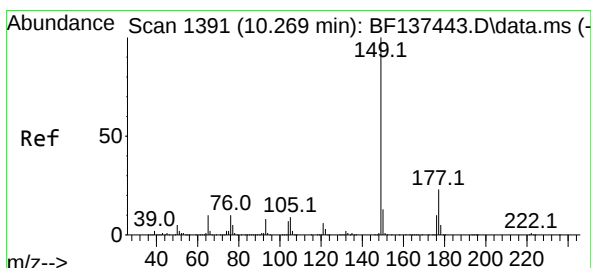
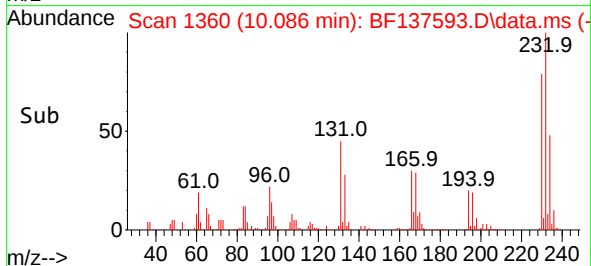
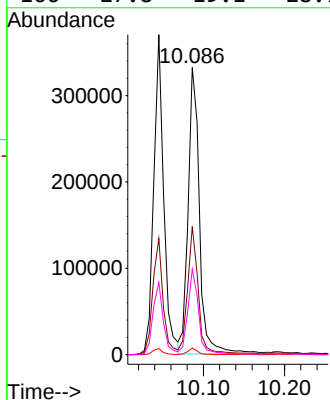
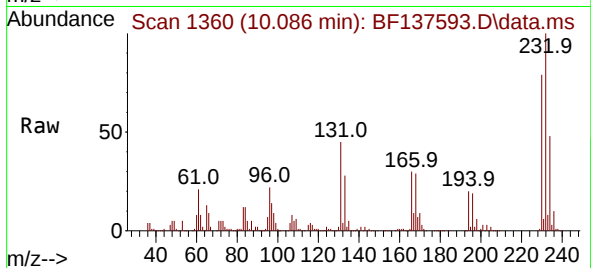
PB159584BS

Tgt Ion:232 Resp: 32211
Ion Ratio Lower Upper
232 100
131 42.3 31.2 46.8
130 2.0 1.8 2.6
166 27.8 19.1 28.7

Manual Integrations

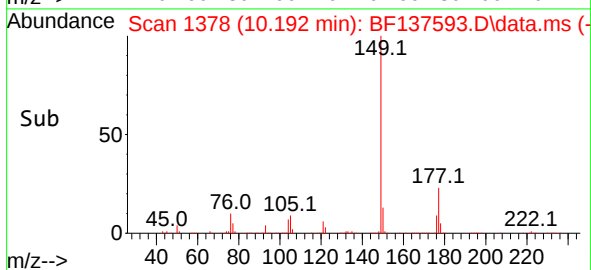
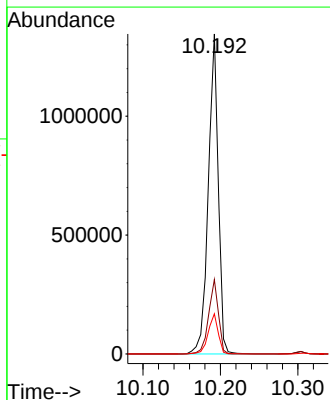
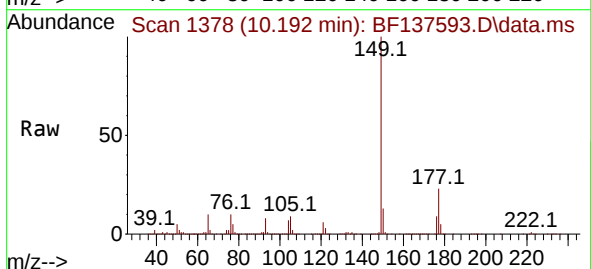
APPROVED

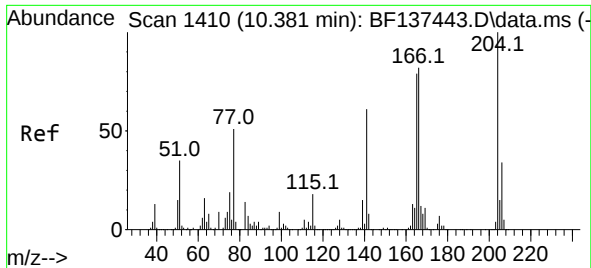
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#60
Diethylphthalate
Concen: 43.415 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Tgt Ion:149 Resp: 1201982
Ion Ratio Lower Upper
149 100
177 23.3 18.7 28.1
150 12.5 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 41.283 ng
RT: 10.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Instrument :

BNA_F

ClientSampleId :

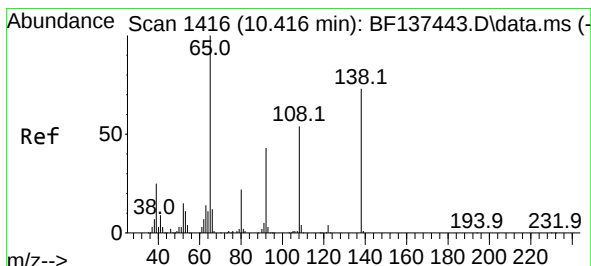
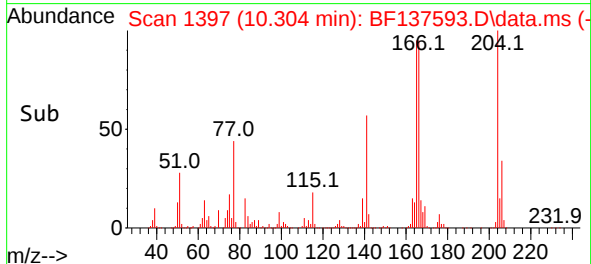
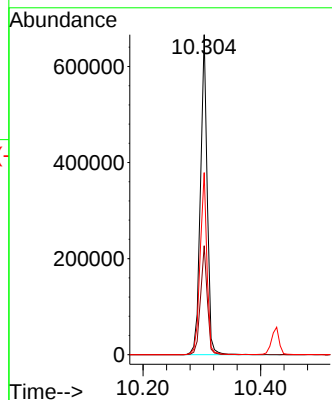
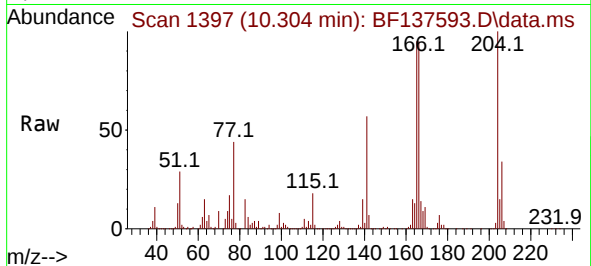
PB159584BS

Tgt Ion:204 Resp: 531400
Ion Ratio Lower Upper
204 100
206 34.0 27.4 41.0
141 56.9 48.4 72.6

Manual Integrations

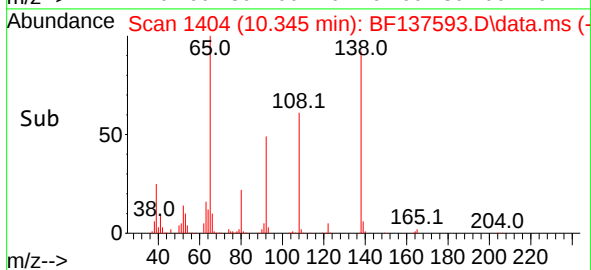
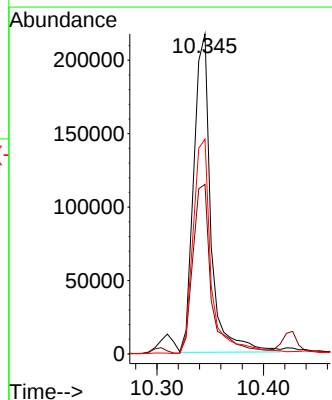
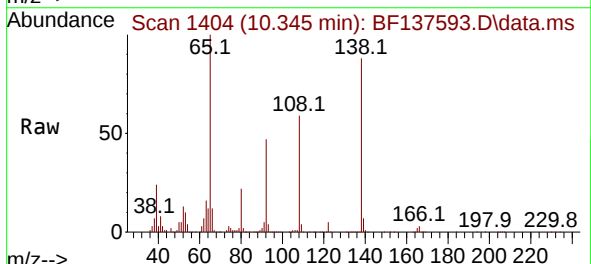
APPROVED

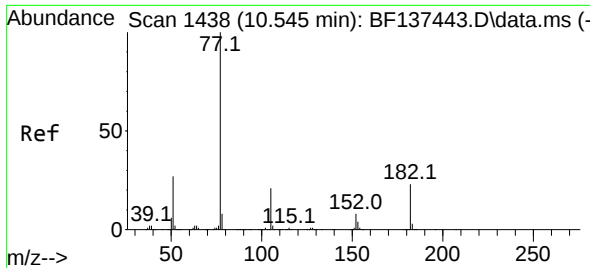
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#62
4-Nitroaniline
Concen: 43.604 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.012 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Tgt Ion:138 Resp: 243087
Ion Ratio Lower Upper
138 100
92 53.0 37.9 77.9
108 67.1 53.2 93.2





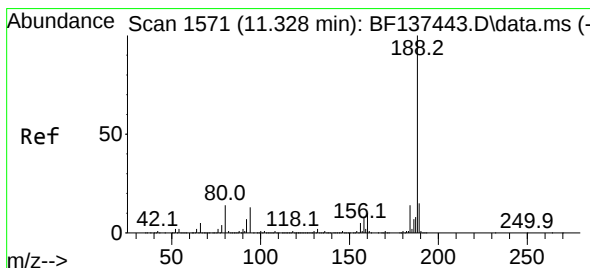
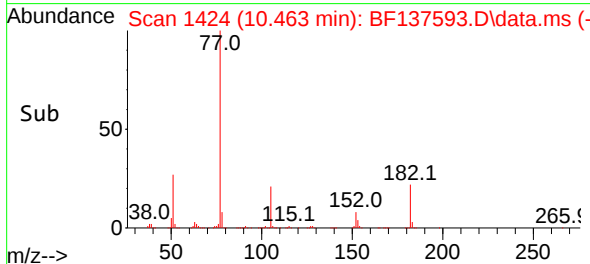
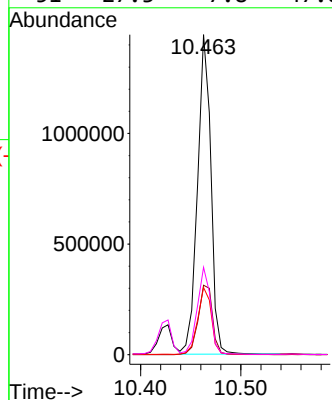
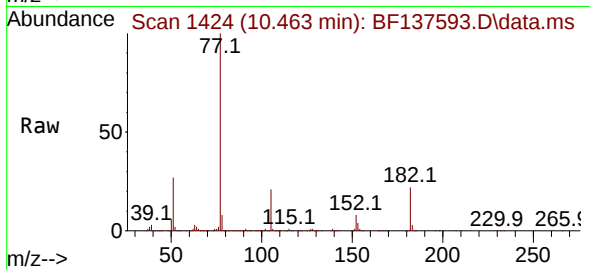
#63
Azobenzene
Concen: 42.176 ng
RT: 10.463 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Instrument :
BNA_F
ClientSampleId :
PB159584BS

Tgt Ion: 77 Resp: 134459
Ion Ratio Lower Upper
77 100
182 21.7 3.2 43.2
105 21.0 1.2 41.2
51 27.3 7.8 47.8

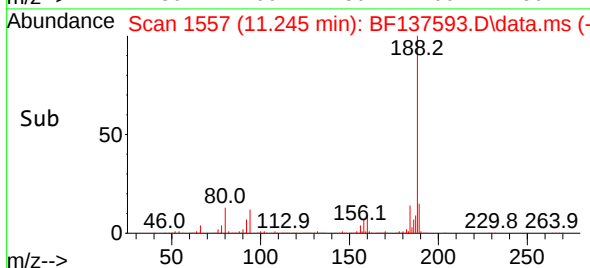
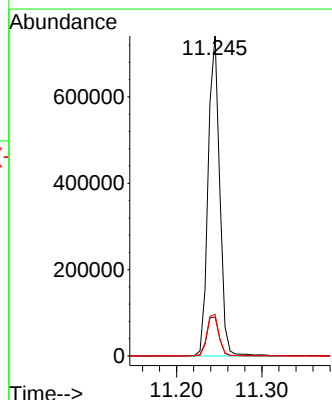
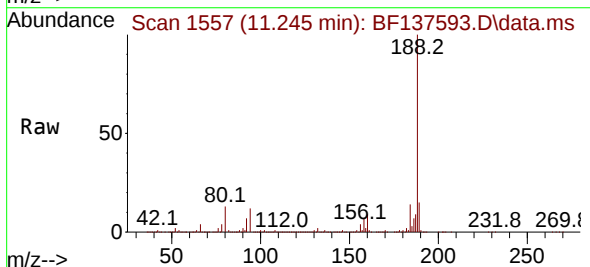
Manual Integrations
APPROVED

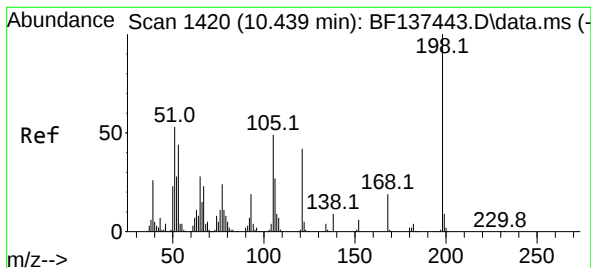
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.006 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

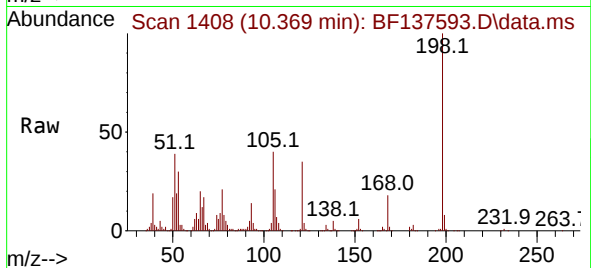
Tgt Ion:188 Resp: 695843
Ion Ratio Lower Upper
188 100
94 12.2 10.6 15.8
80 13.0 11.5 17.3





#65
4,6-Dinitro-2-methylphenol
Concen: 50.628 ng
RT: 10.369 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

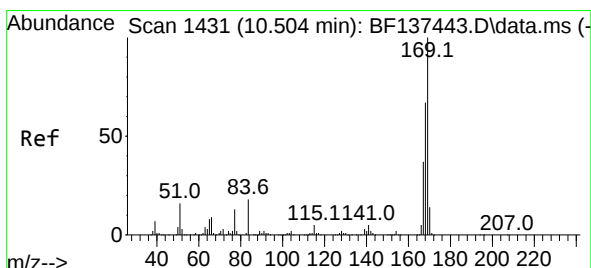
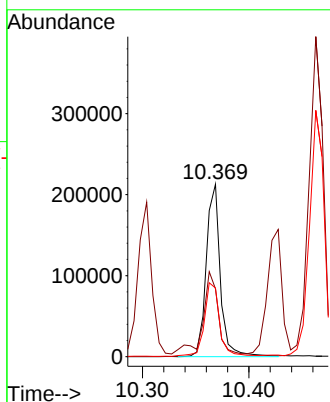
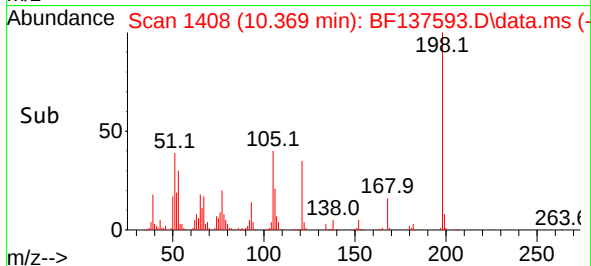
Instrument :
BNA_F
ClientSampleId :
PB159584BS



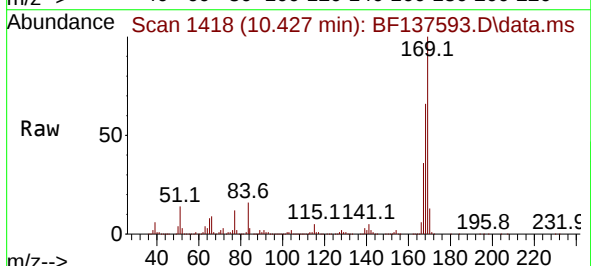
Tgt Ion:198 Resp: 196349
Ion Ratio Lower Upper
198 100
51 39.3 37.2 77.2
105 39.8 29.2 69.2

Manual Integrations
APPROVED

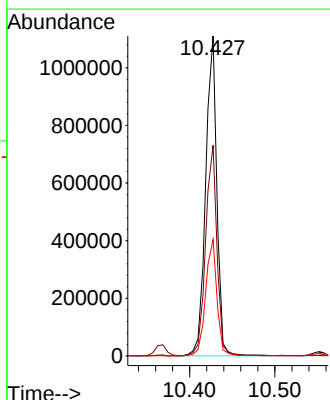
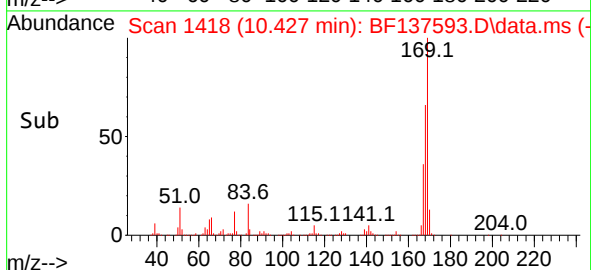
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024

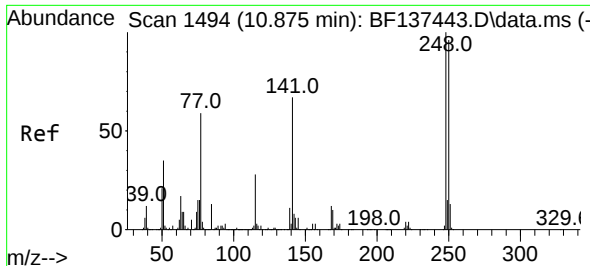


#66
n-Nitrosodiphenylamine
Concen: 45.103 ng
RT: 10.427 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30



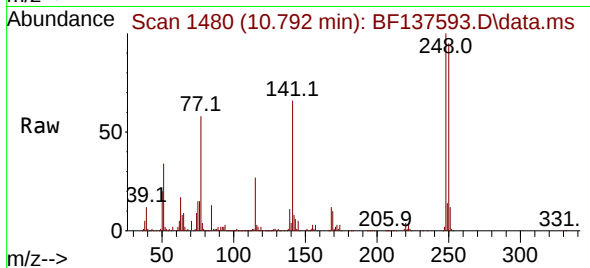
Tgt Ion:169 Resp: 1010616
Ion Ratio Lower Upper
169 100
168 65.9 53.8 80.6
167 36.4 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 46.604 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

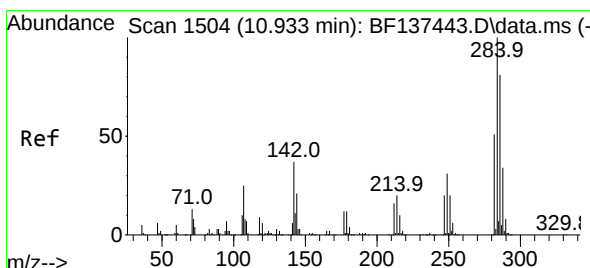
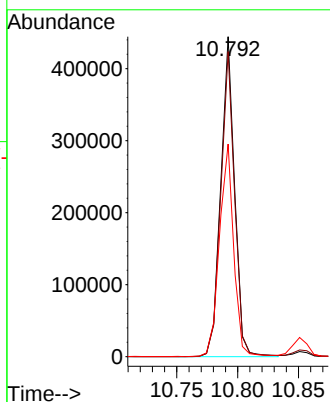
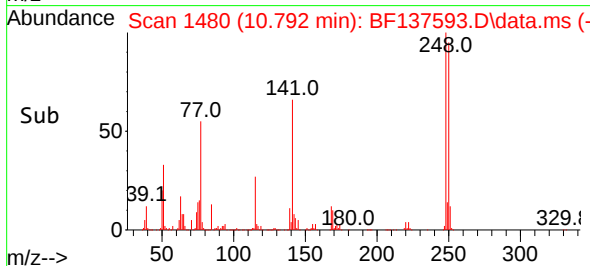
Instrument :
BNA_F
ClientSampleId :
PB159584BS



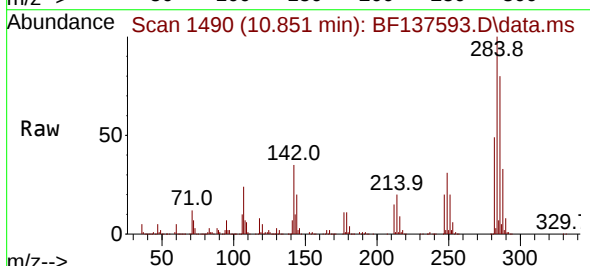
Tgt Ion:248 Resp: 353209
Ion Ratio Lower Upper
248 100
250 95.3 76.8 115.2
141 66.5 53.4 80.0

Manual Integrations
APPROVED

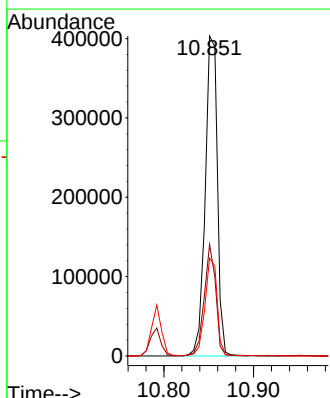
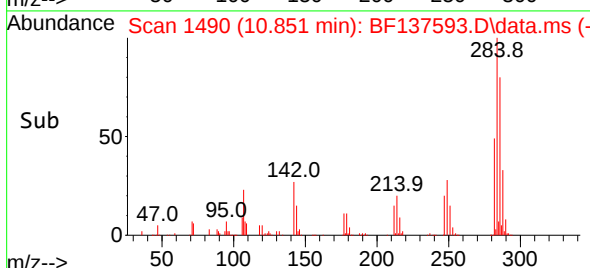
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024

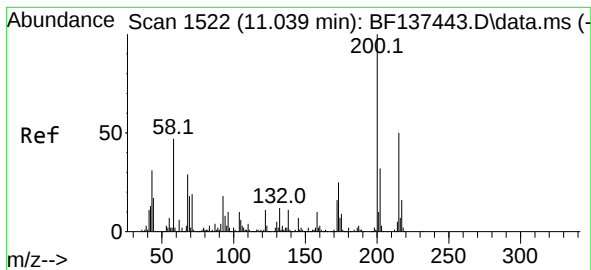


#68
Hexachlorobenzene
Concen: 49.753 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30



Tgt Ion:284 Resp: 380856
Ion Ratio Lower Upper
284 100
142 34.8 29.4 44.0
249 30.6 25.0 37.4





#69

Atrazine

Concen: 41.458 ng

RT: 10.957 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137593.D

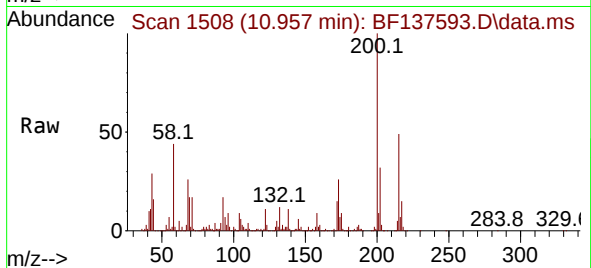
Acq: 14 Mar 2024 16:30

Instrument :

BNA_F

ClientSampleId :

PB159584BS



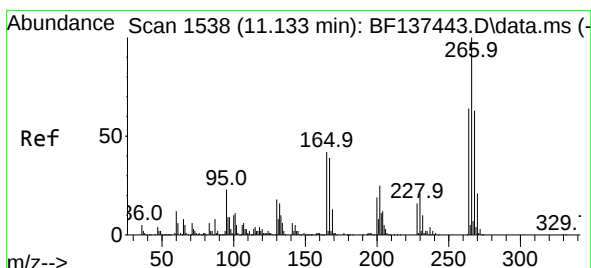
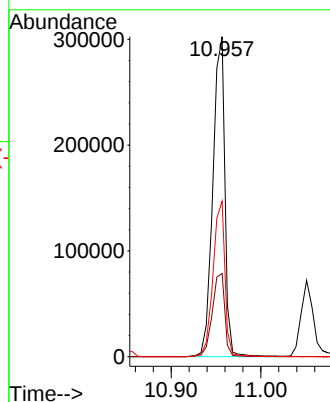
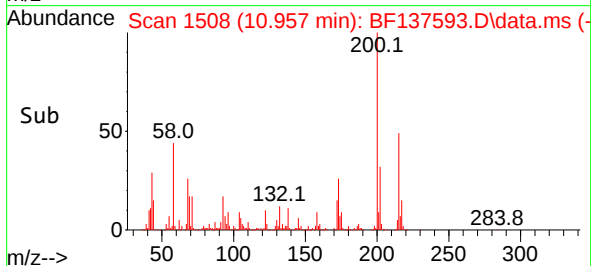
Tgt Ion:200 Resp: 28240

Ion	Ratio	Lower	Upper
200	100		
173	26.0	5.1	45.1
215	48.6	30.4	70.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#70

Pentachlorophenol

Concen: 85.844 ng

RT: 11.051 min Scan# 1524

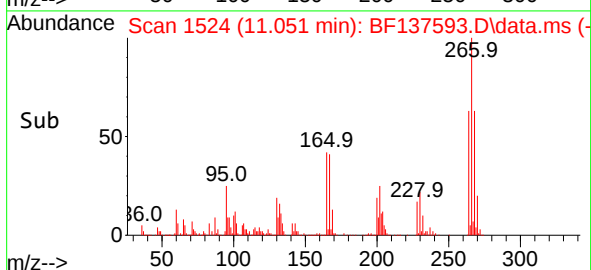
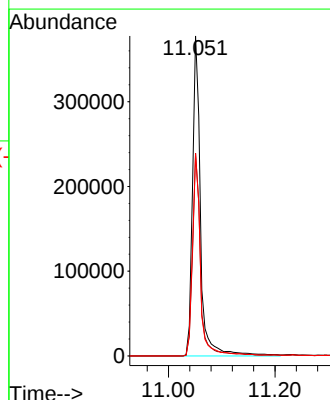
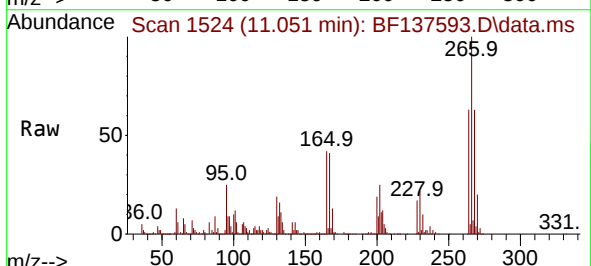
Delta R.T. 0.006 min

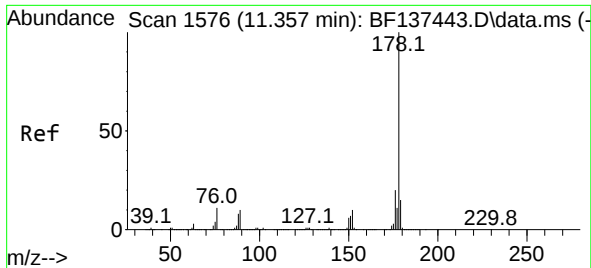
Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

Tgt Ion:266 Resp: 397243

Ion	Ratio	Lower	Upper
266	100		
268	63.4	50.2	75.2
264	63.2	50.9	76.3





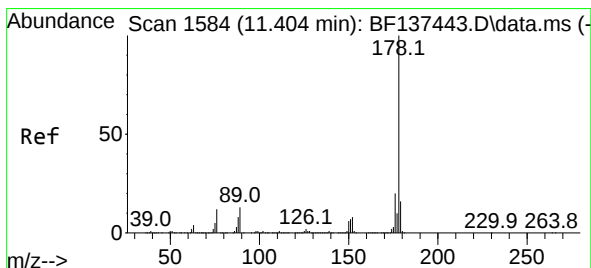
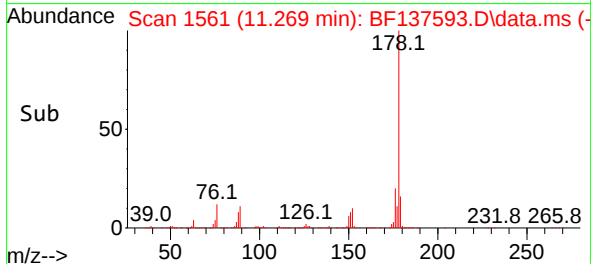
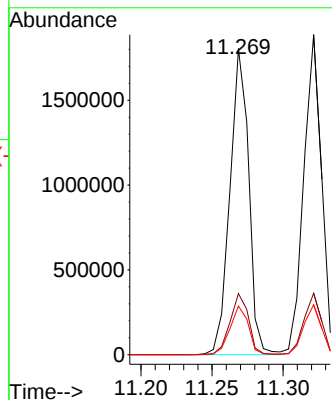
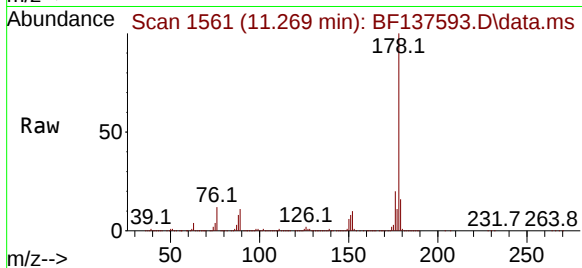
#71
Phenanthrene
Concen: 43.873 ng
RT: 11.269 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Instrument :
BNA_F
ClientSampleId :
PB159584BS

Tgt Ion:178 Resp: 166144
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.8
179 15.9 12.2 18.2

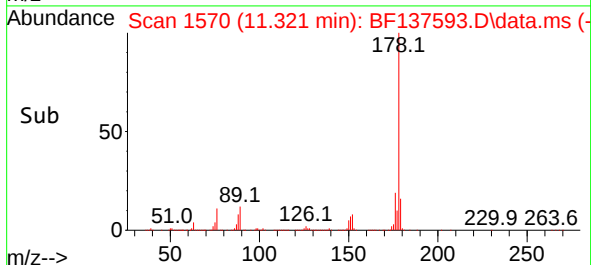
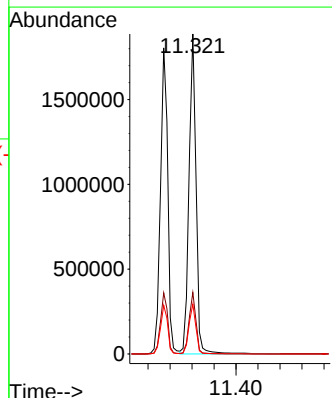
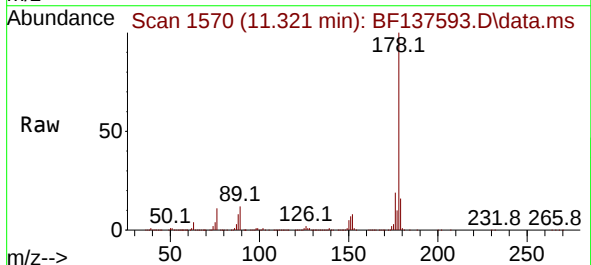
Manual Integrations
APPROVED

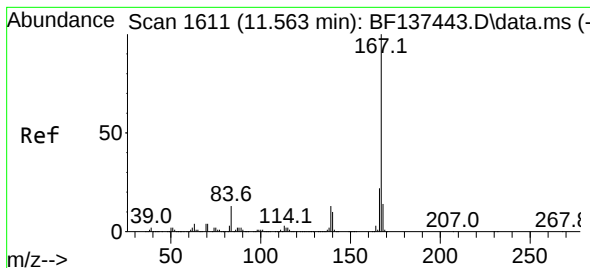
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#72
Anthracene
Concen: 43.327 ng
RT: 11.321 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Tgt Ion:178 Resp: 1685156
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.6 12.7 19.1





#73

Carbazole

Concen: 44.350 ng

RT: 11.480 min Scan# 1653

Delta R.T. 0.006 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

Instrument :

BNA_F

ClientSampleId :

PB159584BS

Tgt Ion:167 Resp: 1477530

Ion Ratio Lower Upper

167 100

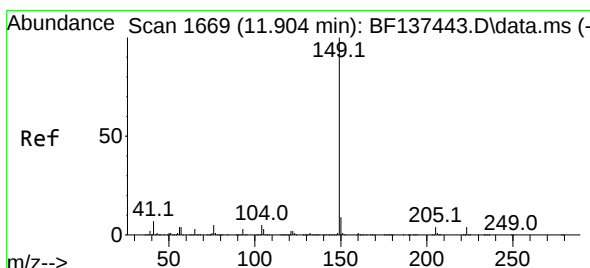
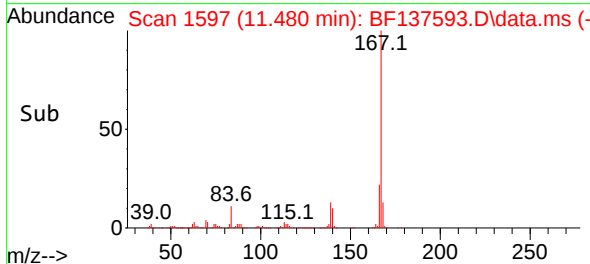
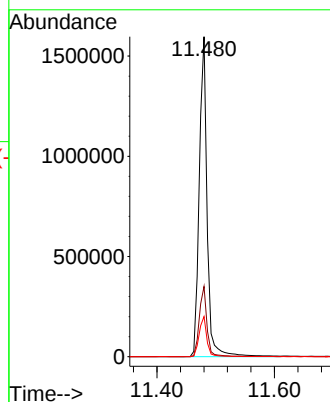
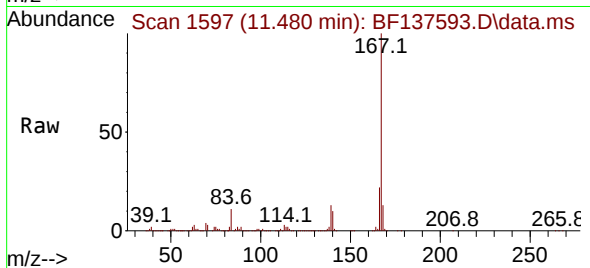
166 21.9 17.8 26.8

139 12.6 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#74

Di-n-butylphthalate

Concen: 44.066 ng

RT: 11.810 min Scan# 1653

Delta R.T. -0.000 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

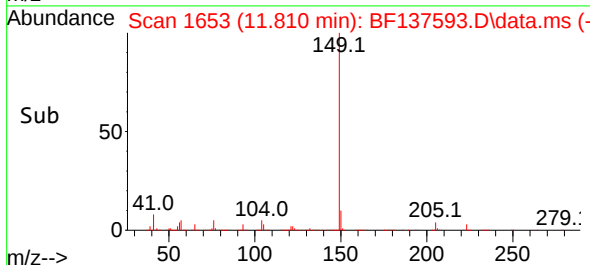
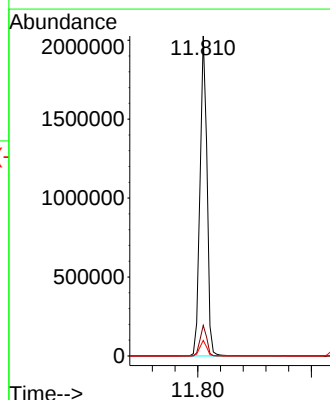
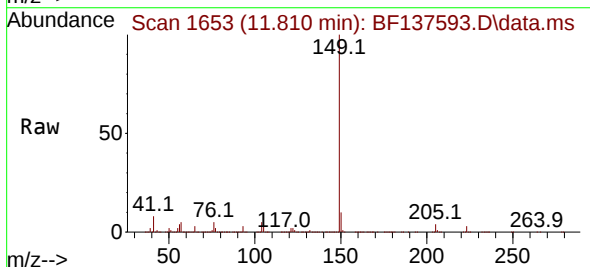
Tgt Ion:149 Resp: 1746649

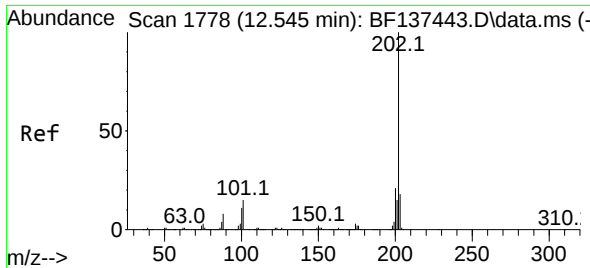
Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.0

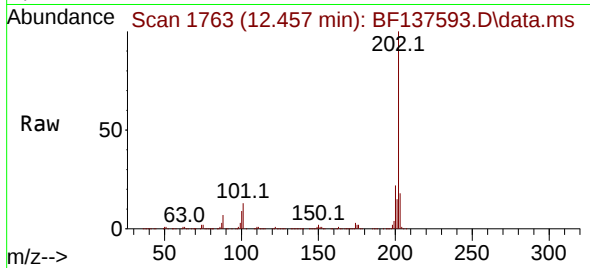
104 4.9 3.8 5.6





#75
Fluoranthene
Concen: 42.814 ng
RT: 12.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

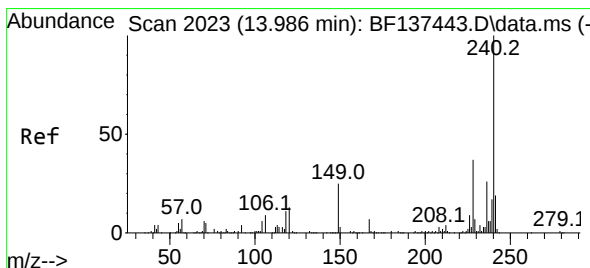
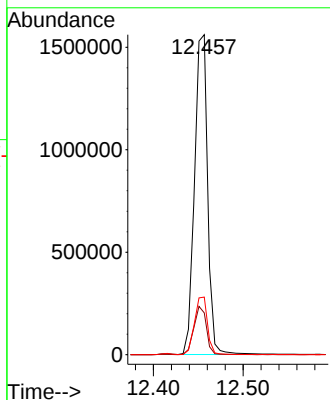
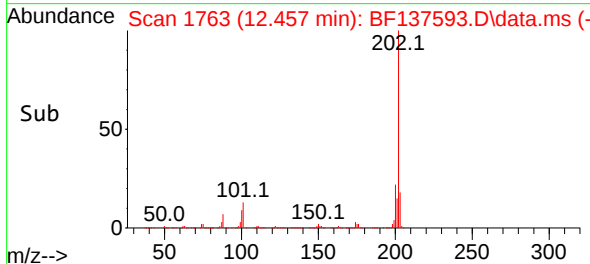
Instrument :
BNA_F
ClientSampleId :
PB159584BS



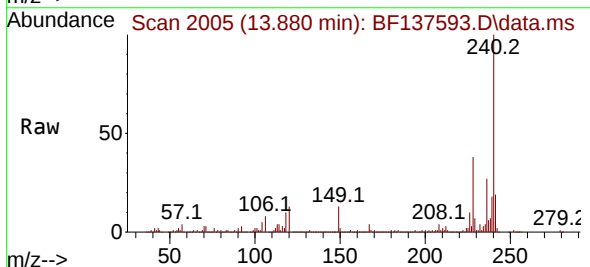
Tgt Ion:202 Resp: 1584824
Ion Ratio Lower Upper
202 100
101 13.1 0.0 35.0
203 18.0 0.0 37.7

Manual Integrations
APPROVED

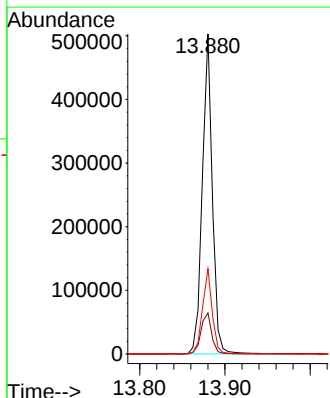
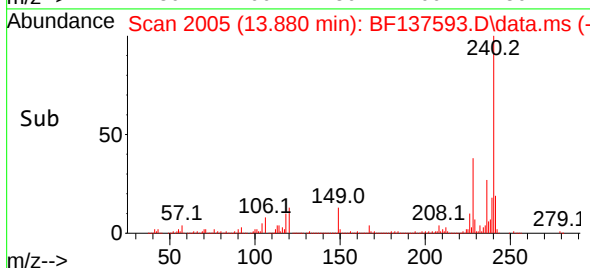
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024

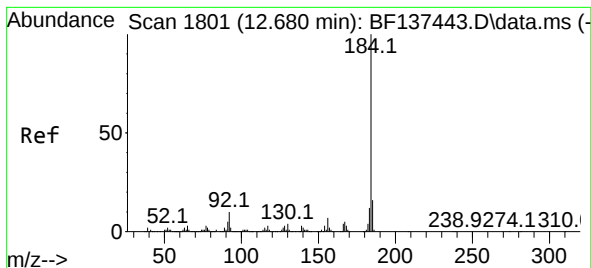


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30



Tgt Ion:240 Resp: 410966
Ion Ratio Lower Upper
240 100
120 12.8 10.4 15.6
236 26.6 20.9 31.3





#77

Benzidine

Concen: 16.070 ng

RT: 12.586 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

Instrument :

BNA_F

ClientSampleId :

PB159584BS

Tgt Ion:184 Resp: 16162

Ion Ratio Lower Upper

184 100

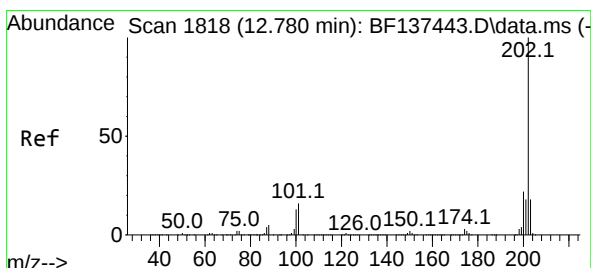
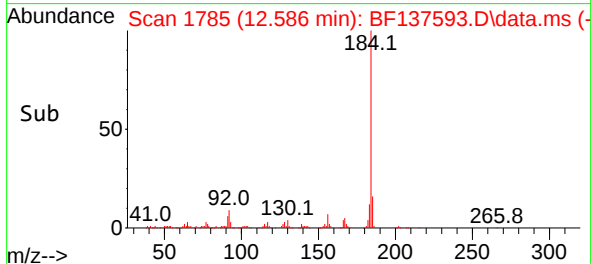
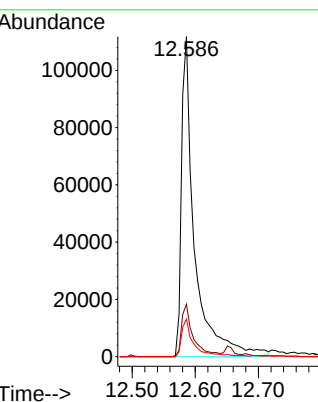
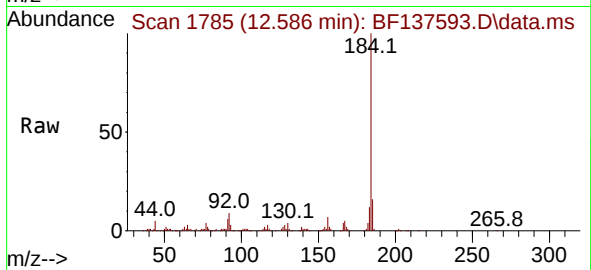
185 16.4 13.2 19.8

183 11.8 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#78

Pyrene

Concen: 40.204 ng

RT: 12.680 min Scan# 1801

Delta R.T. -0.000 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

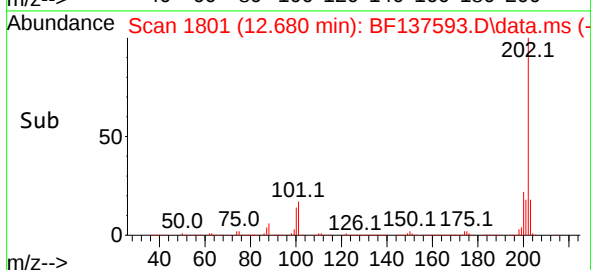
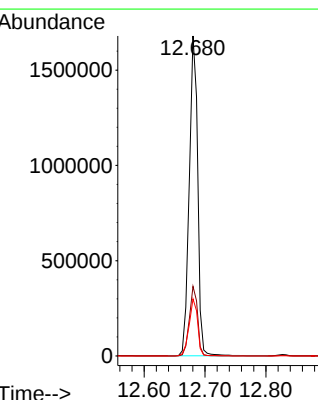
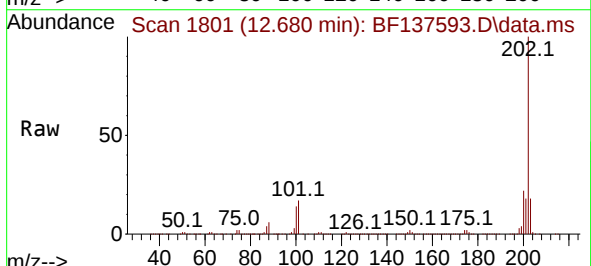
Tgt Ion:202 Resp: 1621241

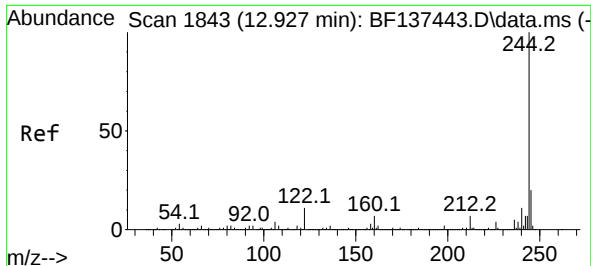
Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

203 17.9 14.1 21.1





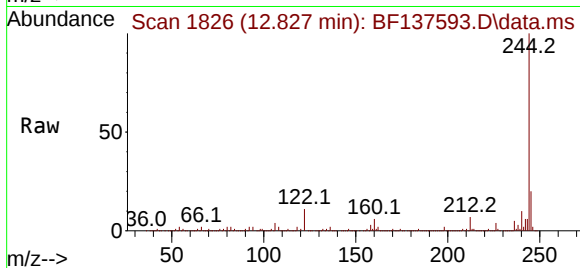
#79
Terphenyl-d14
Concen: 77.376 ng
RT: 12.827 min Scan# 1843
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Instrument :

BNA_F

ClientSampleId :

PB159584BS

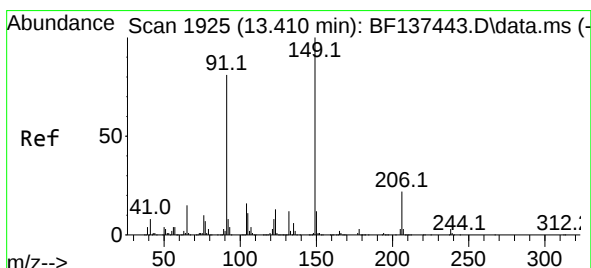
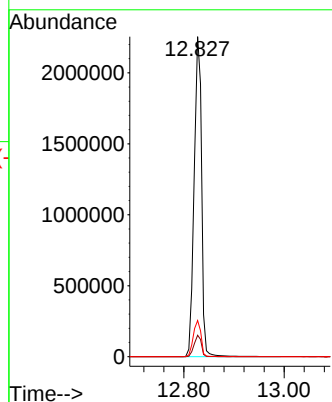
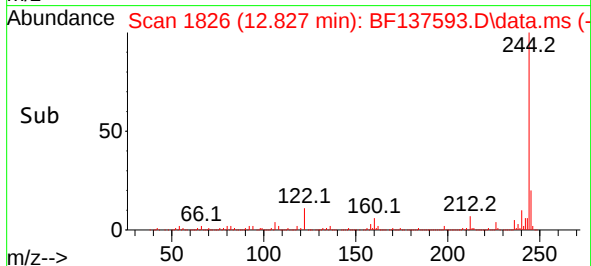


Tgt Ion:244 Resp: 231246
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.2
122 11.3 9.1 13.7

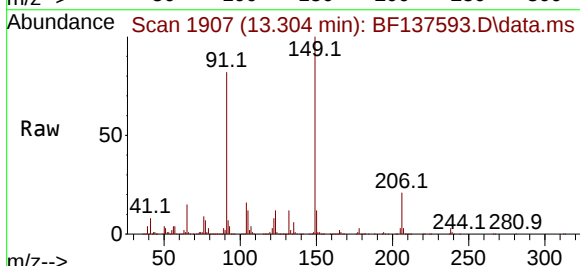
Manual Integrations

APPROVED

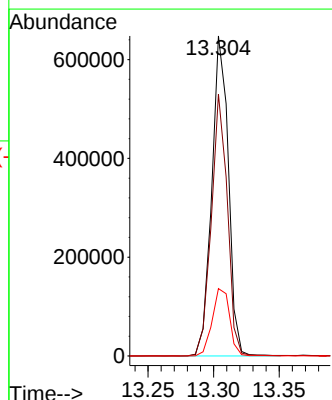
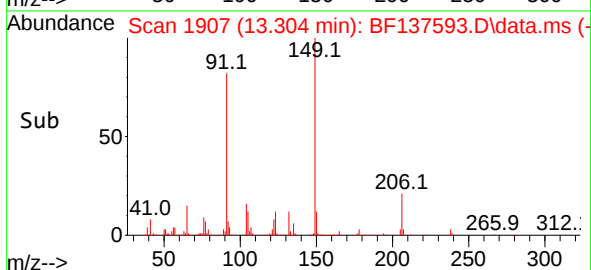
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024

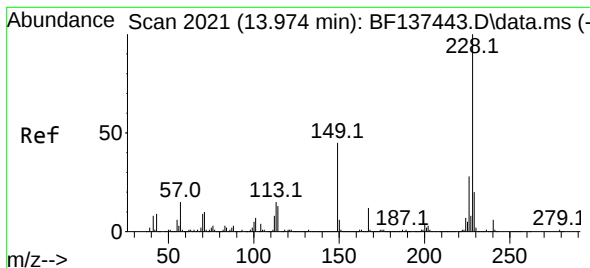


#80
Butylbenzylphthalate
Concen: 55.473 ng
RT: 13.304 min Scan# 1907
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30



Tgt Ion:149 Resp: 571285
Ion Ratio Lower Upper
149 100
91 81.9 64.7 97.1
206 21.1 17.5 26.3





#81

Benzo(a)anthracene

Concen: 43.863 ng

RT: 13.868 min Scan# 2021

Delta R.T. -0.000 min

Lab File: BF137593.D

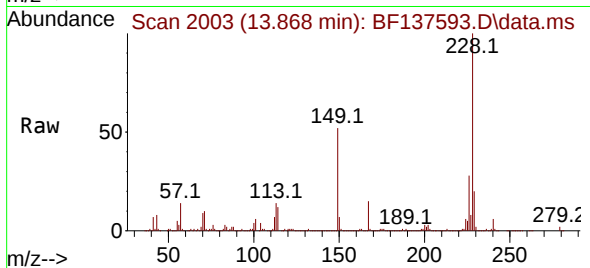
Acq: 14 Mar 2024 16:30

Instrument :

BNA_F

ClientSampleId :

PB159584BS



Tgt Ion:228 Resp: 1263430

Ion Ratio Lower Upper

228 100

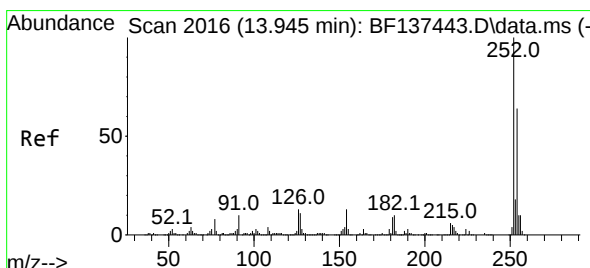
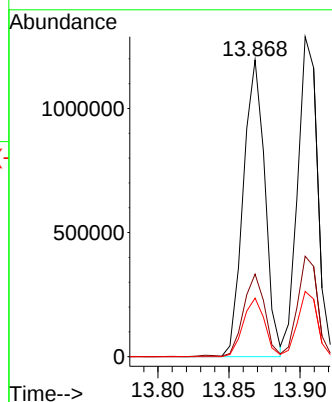
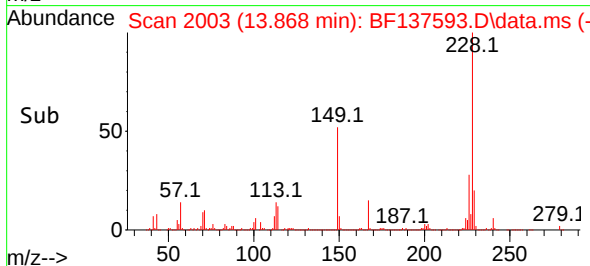
226 27.8 22.3 33.5

229 19.7 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#82

3,3'-Dichlorobenzidine

Concen: 42.756 ng

RT: 13.833 min Scan# 1997

Delta R.T. -0.000 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

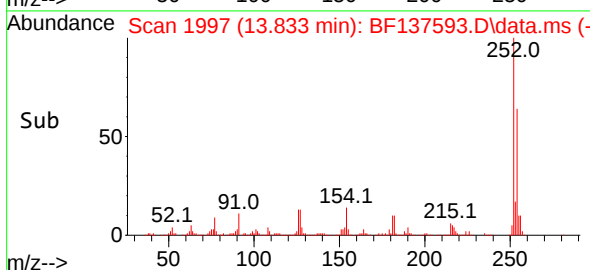
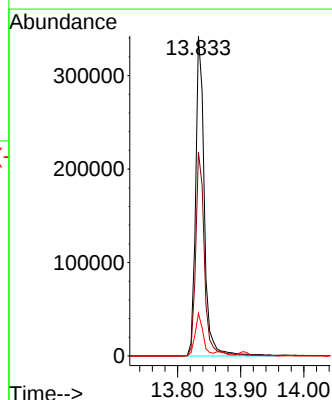
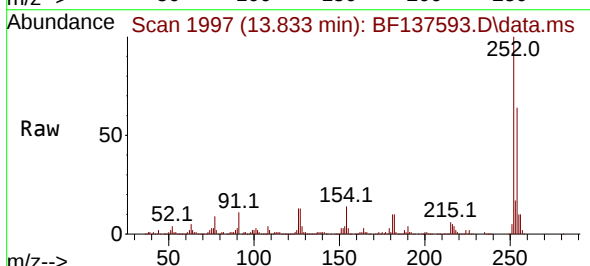
Tgt Ion:252 Resp: 327965

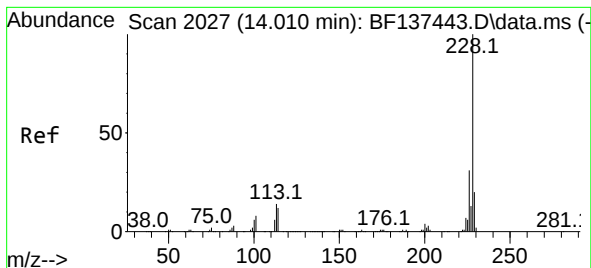
Ion Ratio Lower Upper

252 100

254 63.7 51.4 77.2

126 13.3 10.4 15.6





#83

Chrysene

Concen: 43.931 ng

RT: 13.904 min Scan# 2009

Delta R.T. -0.000 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

Instrument :

BNA_F

ClientSampleId :

PB159584BS

Tgt Ion:228 Resp: 127894

Ion Ratio Lower Upper

228 100

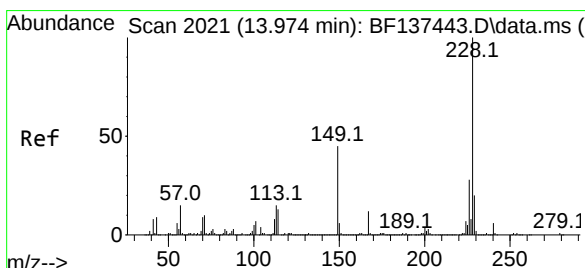
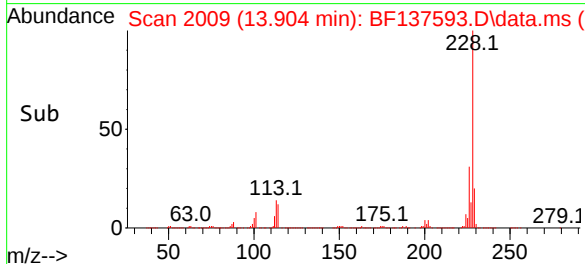
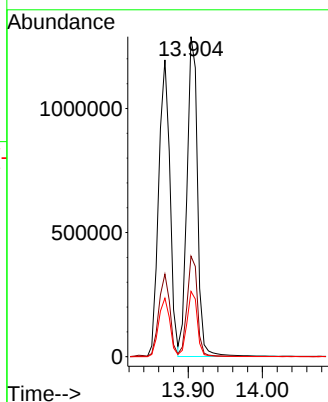
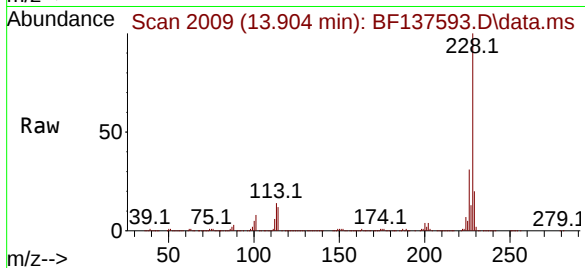
226 31.4 24.7 37.1

229 20.4 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.290 ng

RT: 13.862 min Scan# 2002

Delta R.T. -0.000 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

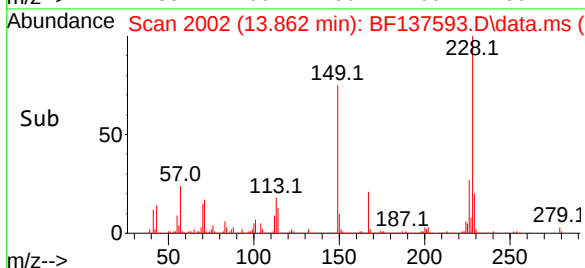
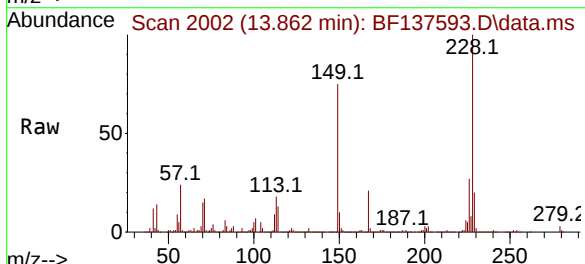
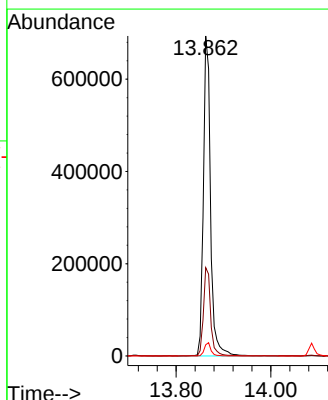
Tgt Ion:149 Resp: 723730

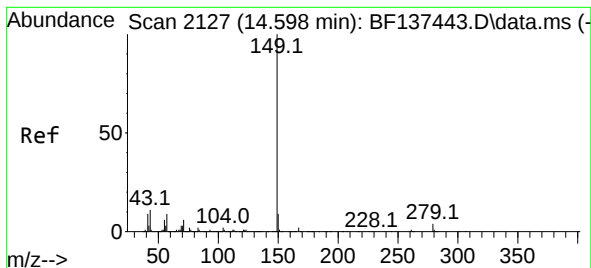
Ion Ratio Lower Upper

149 100

167 27.6 21.3 31.9

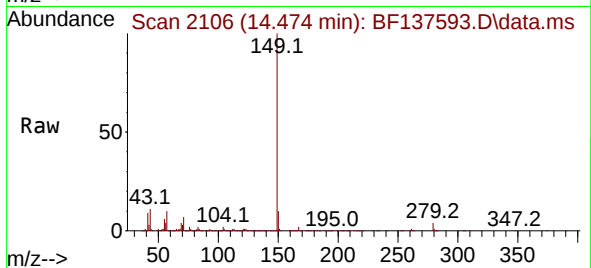
279 3.5 2.6 4.0





#85
Di-n-octyl phthalate
Concen: 50.764 ng
RT: 14.474 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

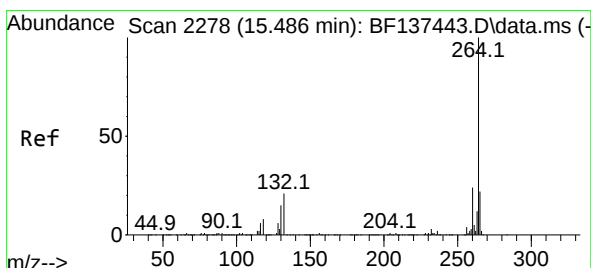
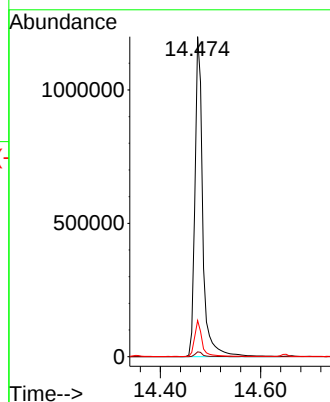
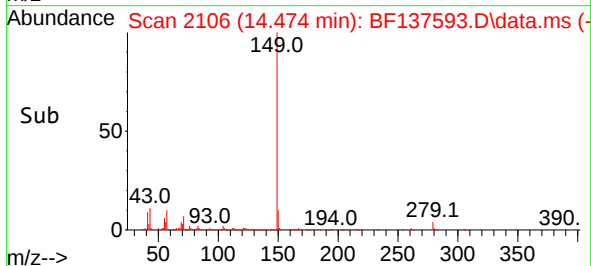
Instrument :
BNA_F
ClientSampleId :
PB159584BS



Tgt Ion:149 Resp: 1289849
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.9 9.6 14.4

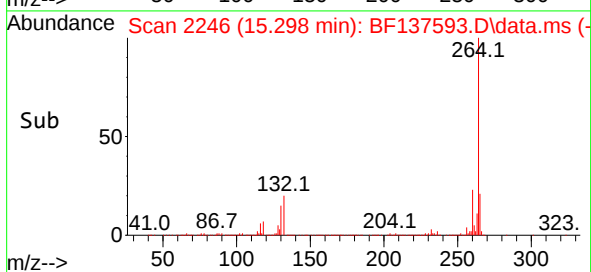
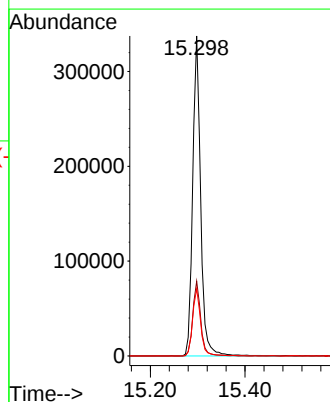
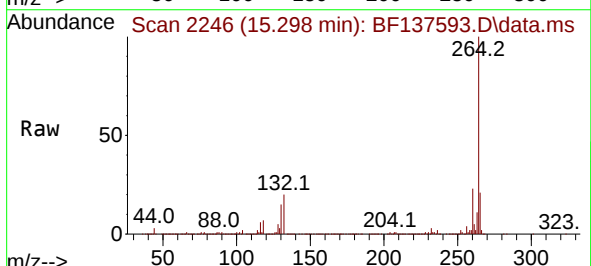
Manual Integrations
APPROVED

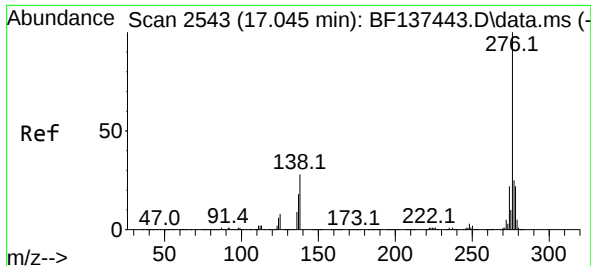
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.298 min Scan# 2246
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Tgt Ion:264 Resp: 394541
Ion Ratio Lower Upper
264 100
260 23.4 19.3 28.9
265 21.0 17.4 26.0





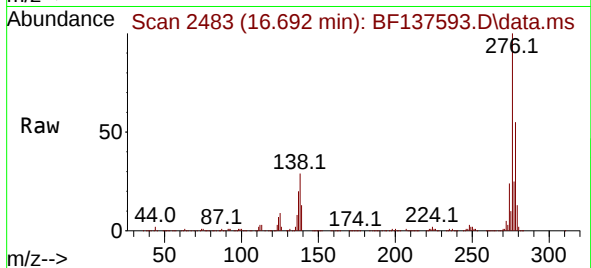
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.731 ng
RT: 16.692 min Scan# 2483
Delta R.T. 0.006 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Instrument :

BNA_F

ClientSampleId :

PB159584BS

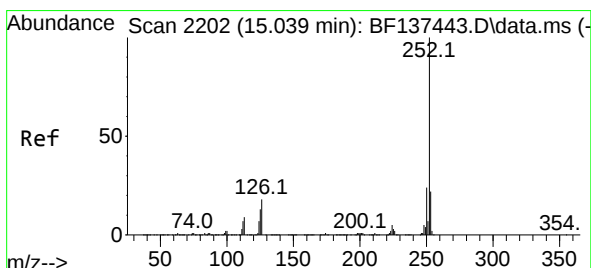
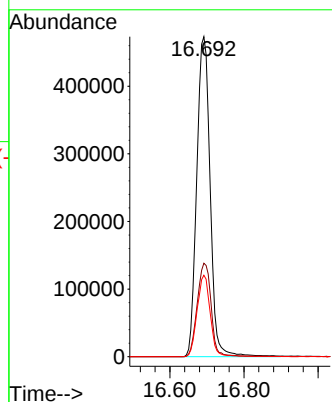
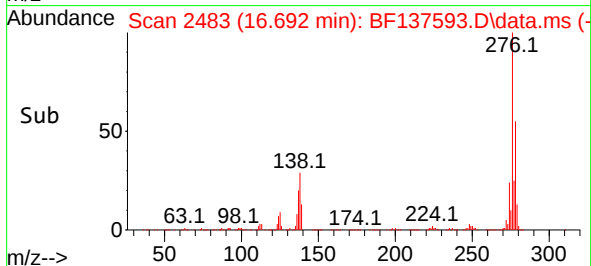


Tgt Ion:276 Resp: 118734
Ion Ratio Lower Upper
276 100
138 30.2 25.8 38.8
277 25.0 20.2 30.2

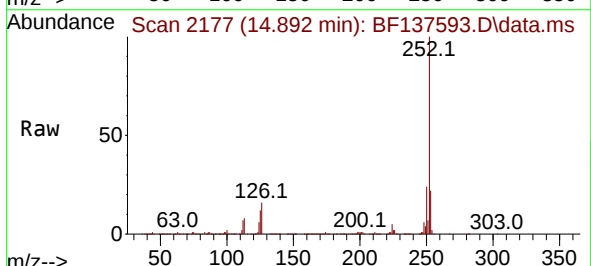
Manual Integrations

APPROVED

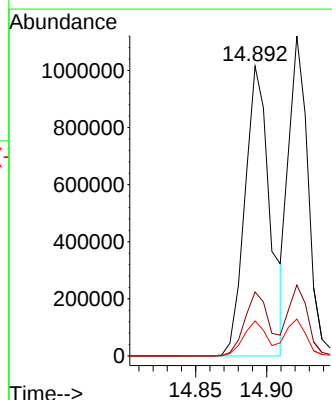
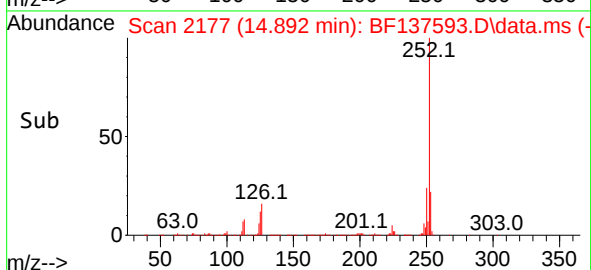
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024

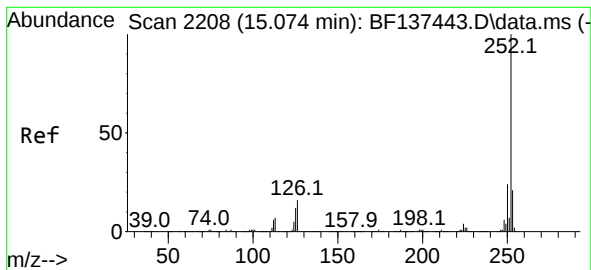


#88
Benzo(b)fluoranthene
Concen: 53.188 ng
RT: 14.892 min Scan# 2177
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30



Tgt Ion:252 Resp: 1241344
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 12.1 10.1 15.1





#89

Benzo(k)fluoranthene

Concen: 43.322 ng

RT: 14.921 min Scan# 2182

Delta R.T. -0.000 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

Instrument :

BNA_F

ClientSampleId :

PB159584BS

Tgt Ion:252 Resp: 108600

Ion Ratio Lower Upper

252 100

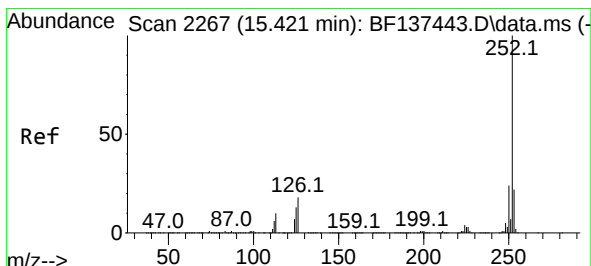
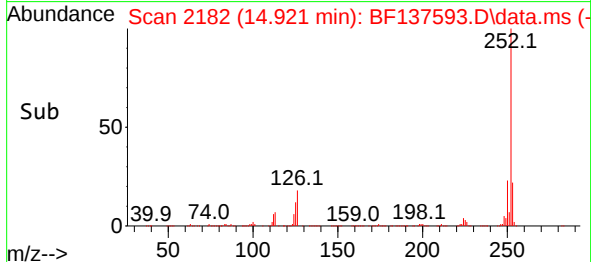
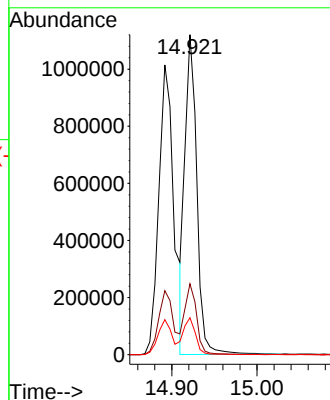
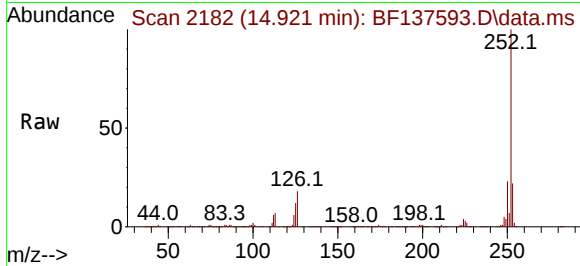
253 22.2 17.3 25.9

125 11.6 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#90

Benzo(a)pyrene

Concen: 46.435 ng

RT: 15.239 min Scan# 2236

Delta R.T. -0.000 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

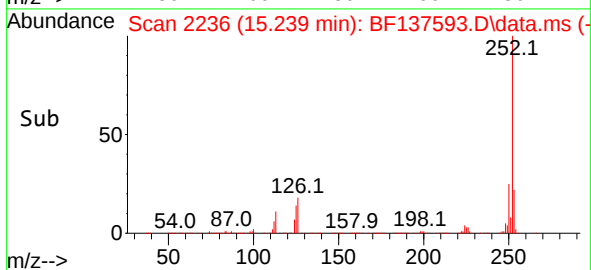
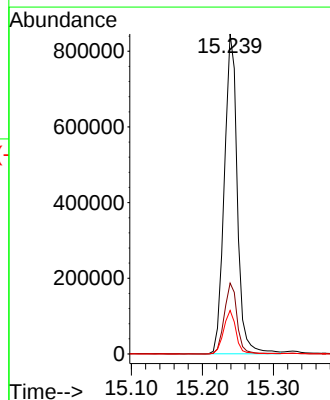
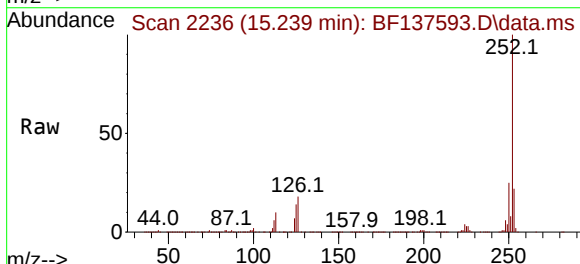
Tgt Ion:252 Resp: 1067951

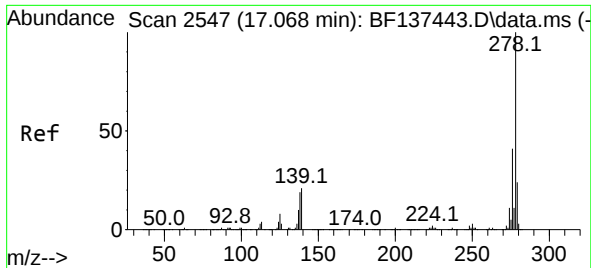
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

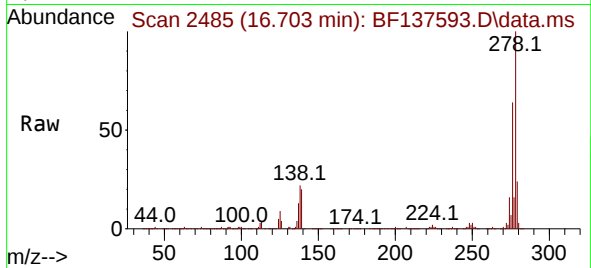
125 13.6 10.4 15.6





#91
Dibenzo(a,h)anthracene
Concen: 45.729 ng
RT: 16.703 min Scan# 2485
Delta R.T. 0.006 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

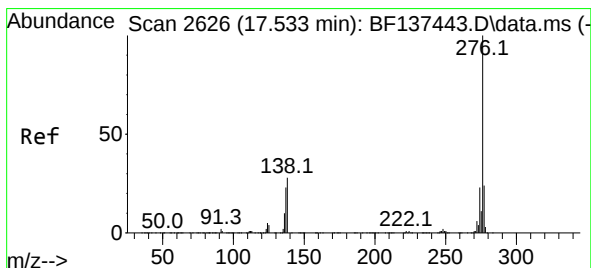
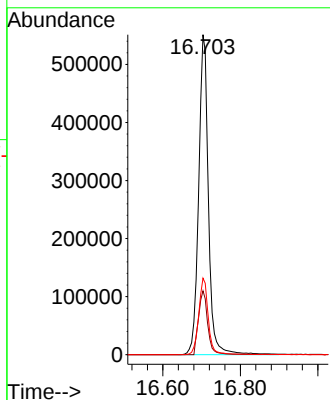
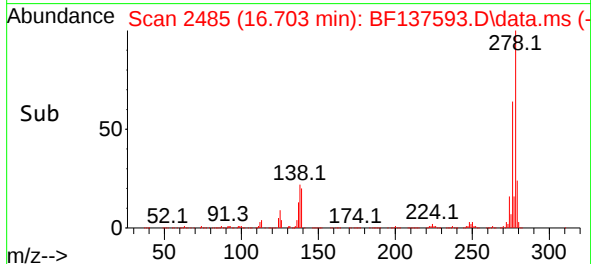
Instrument :
BNA_F
ClientSampleId :
PB159584BS



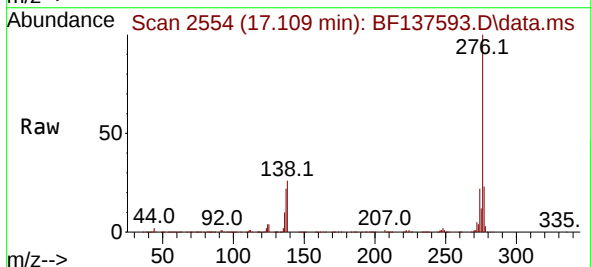
Tgt Ion:278 Resp: 963129
Ion Ratio Lower Upper
278 100
139 20.0 17.0 25.6
279 23.9 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#92
Benzo(g,h,i)perylene
Concen: 44.648 ng
RT: 17.109 min Scan# 2554
Delta R.T. 0.006 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30



Tgt Ion:276 Resp: 965749
Ion Ratio Lower Upper
276 100
277 23.3 19.0 28.4
138 26.5 22.2 33.2

