

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031324\
 Data File : BF137573.D
 Acq On : 13 Mar 2024 10:28
 Operator : CG\JU
 Sample : PB159549BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159549BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
 Supervised By :mohammad ahmed 03/15/2024

Quant Time: Mar 13 11:22:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 12 02:00:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	226722	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	900201	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	492149	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	872067	20.000	ng	0.00
76) Chrysene-d12	14.098	240	503230	20.000	ng	0.00
86) Perylene-d12	15.651	264	435106	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1880248	125.604	ng	0.02
7) Phenol-d6	6.557	99	2542420	117.659	ng	0.00
23) Nitrobenzene-d5	7.469	82	1642867	84.797	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	643412	148.872	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2571427	81.789	ng	0.00
79) Terphenyl-d14	13.039	244	2943386	80.430	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.887	88	294996	36.040	ng	97
3) Pyridine	3.663	79	667113	33.794	ng	99
4) n-Nitrosodimethylamine	3.646	42	336827	42.587	ng	96
6) Aniline	6.581	93	568890	21.546	ng	93
8) 2-Chlorophenol	6.698	128	745314	47.204	ng	98
9) Benzaldehyde	6.469	77	300761	28.411	ng	94
10) Phenol	6.569	94	986205	42.403	ng	95
11) bis(2-Chloroethyl)ether	6.651	93	782726	45.926	ng	99
12) 1,3-Dichlorobenzene	6.845	146	764791	45.329	ng	99
13) 1,4-Dichlorobenzene	6.922	146	780863	45.234	ng	98
14) 1,2-Dichlorobenzene	7.069	146	739847	46.694	ng	99
15) Benzyl Alcohol	7.051	79	684948	50.916	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1216397	41.521	ng	91
17) 2-Methylphenol	7.163	107	620796	42.018	ng	97
18) Hexachloroethane	7.404	117	270302	47.554	ng	95
19) n-Nitroso-di-n-propyla...	7.322	70	566647	42.466	ng	100
20) 3+4-Methylphenols	7.316	107	708245	41.856	ng	93
22) Acetophenone	7.316	105	977433	44.876	ng	# 97
24) Nitrobenzene	7.487	77	846587	43.499	ng	97
25) Isophorone	7.722	82	1646274	44.727	ng	99
26) 2-Nitrophenol	7.798	139	389454	50.403	ng	95
27) 2,4-Dimethylphenol	7.839	122	564534	39.101	ng	98
28) bis(2-Chloroethoxy)met...	7.934	93	972194	45.017	ng	99
29) 2,4-Dichlorophenol	8.039	162	625074	47.173	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	643157	46.123	ng	99
31) Naphthalene	8.198	128	2085963	43.188	ng	100
32) Benzoic acid	7.992	122	390502	47.102	ng	96
33) 4-Chloroaniline	8.251	127	309203	16.326	ng	98
34) Hexachlorobutadiene	8.310	225	377721	45.883	ng	99
35) Caprolactam	8.634	113	219350m	48.819	ng	
36) 4-Chloro-3-methylphenol	8.745	107	683115	46.121	ng	98
37) 2-Methylnaphthalene	8.892	142	1285428	41.748	ng	99
38) 1-Methylnaphthalene	8.992	142	1211039	41.765	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	634938	46.212	ng	99
41) Hexachlorocyclopentadiene	9.039	237	519760	91.389	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	430205	48.082	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	460006	44.631	ng	98
46) 1,1'-Biphenyl	9.357	154	1583841	43.970	ng	99
47) 2-Chloronaphthalene	9.381	162	1275501	46.444	ng	98
48) 2-Nitroaniline	9.486	65	458301	49.098	ng	98
49) Acenaphthylene	9.798	152	1971924	44.867	ng	100
50) Dimethylphthalate	9.669	163	1574726	45.965	ng	99
51) 2,6-Dinitrotoluene	9.728	165	345467	48.211	ng	99
52) Acenaphthene	9.969	154	1124465	42.855	ng	98
53) 3-Nitroaniline	9.898	138	253699	33.472	ng	100
54) 2,4-Dinitrophenol	10.010	184	354151	99.137	ng	96
55) Dibenzofuran	10.145	168	1674984	41.913	ng	100
56) 4-Nitrophenol	10.075	139	501978	92.349	ng	99
57) 2,4-Dinitrotoluene	10.139	165	421545	47.883	ng	92
58) Fluorene	10.492	166	1289067	42.001	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	387313m	46.861	ng	
60) Diethylphthalate	10.375	149	1466342	45.325	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	634592	42.189	ng	99
62) 4-Nitroaniline	10.528	138	304673	46.769	ng	95
63) Azobenzene	10.645	77	1607689	43.156	ng	99
65) 4,6-Dinitro-2-methylph...	10.551	198	258296	53.143	ng	83
66) n-Nitrosodiphenylamine	10.610	169	1205240	42.919	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	423844	44.623	ng	96
68) Hexachlorobenzene	11.039	284	465501	48.523	ng	# 92
69) Atrazine	11.145	200	361832	42.385	ng	99
70) Pentachlorophenol	11.239	266	508126	87.616	ng	99
71) Phenanthrene	11.457	178	2012671	42.408	ng	99
72) Anthracene	11.510	178	2046251	41.980	ng	100
73) Carbazole	11.669	167	1841715	44.110	ng	99
74) Di-n-butylphthalate	12.010	149	2254002	45.374	ng	99
75) Fluoranthene	12.657	202	2015828	43.453	ng	98
77) Benzidine	12.786	184	138012	11.207	ng	100
78) Pyrene	12.886	202	2043037	41.375	ng	99
80) Butylbenzylphthalate	13.521	149	772051	61.223	ng	95
81) Benzo(a)anthracene	14.086	228	1525709	43.257	ng	99
82) 3,3'-Dichlorobenzidine	14.057	252	367307	39.106	ng	99
83) Chrysene	14.127	228	1577287	44.246	ng	100
84) Bis(2-ethylhexyl)phtha...	14.086	149	963319	60.101	ng	# 98
85) Di-n-octyl phthalate	14.715	149	1711206	54.531	ng	97
87) Indeno(1,2,3-cd)pyrene	17.292	276	1328913	46.412	ng	98
88) Benzo(b)fluoranthene	15.186	252	1398550	54.337	ng	99
89) Benzo(k)fluoranthene	15.221	252	1238796	44.810	ng	98
90) Benzo(a)pyrene	15.586	252	1187847	46.833	ng	99
91) Dibenzo(a,h)anthracene	17.315	278	1081461	46.560	ng	98
92) Benzo(g,h,i)perylene	17.792	276	1074380	45.040	ng	98

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

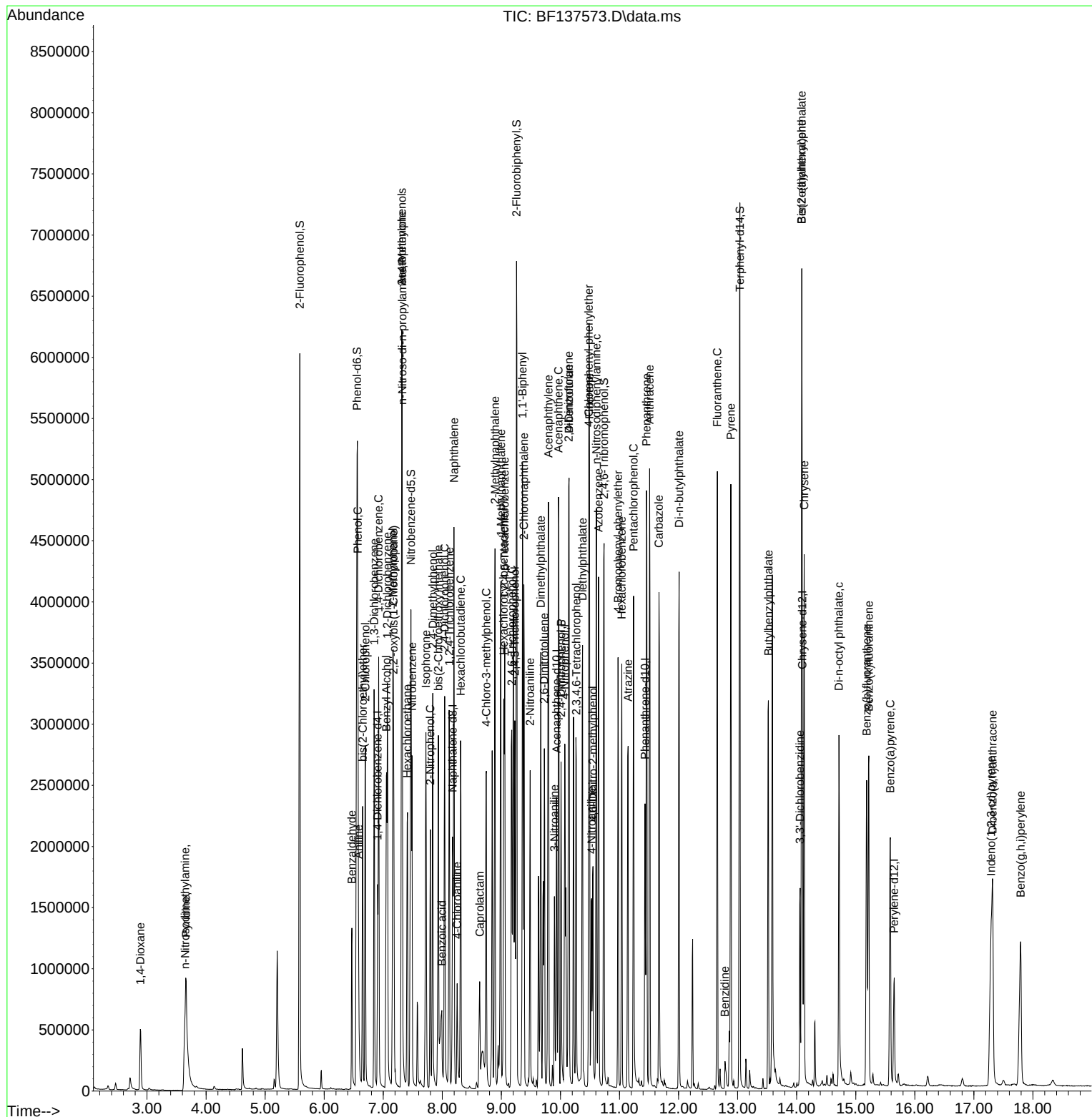
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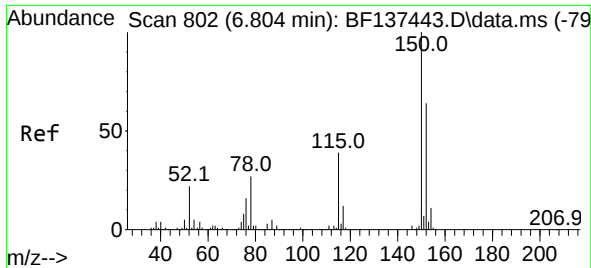
Instrument :
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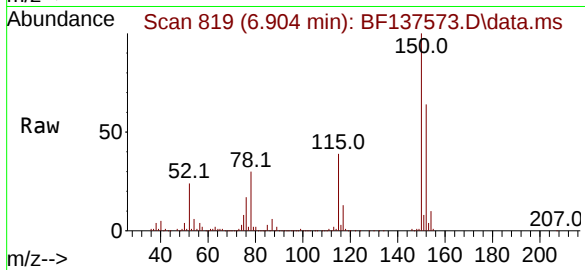
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF137573.D
 Acq: 13 Mar 2024 10:28

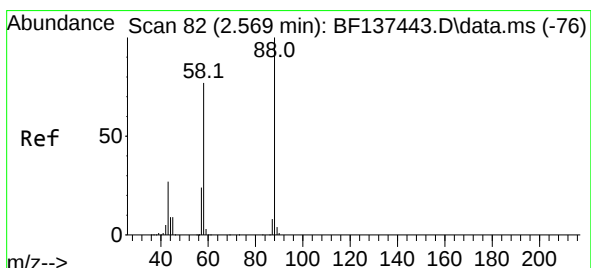
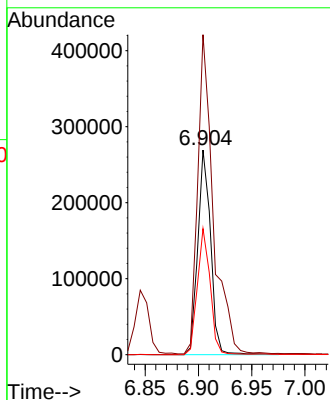
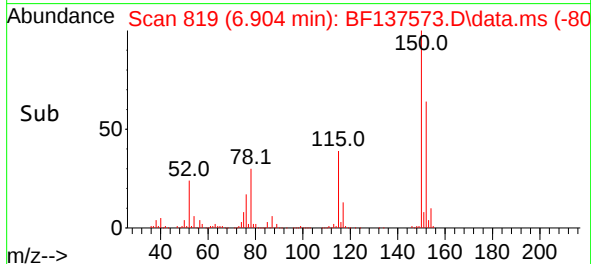
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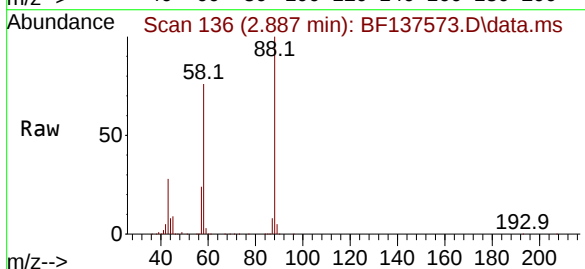
Tgt Ion:152 Resp: 22672
 Ion Ratio Lower Upper
 152 100
 150 156.4 125.8 188.6
 115 61.6 48.8 73.2

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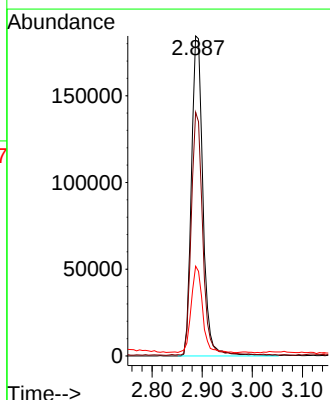
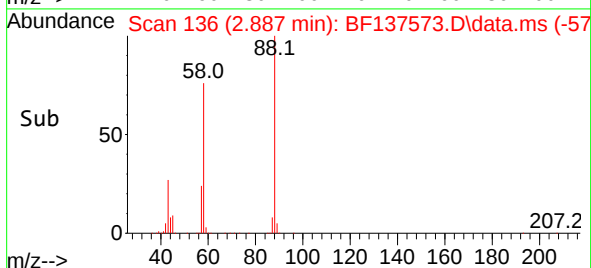
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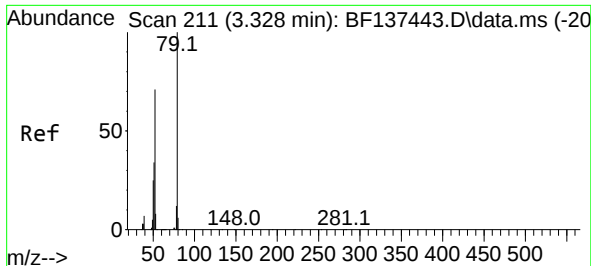


#2
 1,4-Dioxane
 Concen: 36.040 ng
 RT: 2.887 min Scan# 136
 Delta R.T. 0.112 min
 Lab File: BF137573.D
 Acq: 13 Mar 2024 10:28



Tgt Ion: 88 Resp: 294996
 Ion Ratio Lower Upper
 88 100
 58 74.6 61.8 92.8
 43 26.4 22.2 33.4





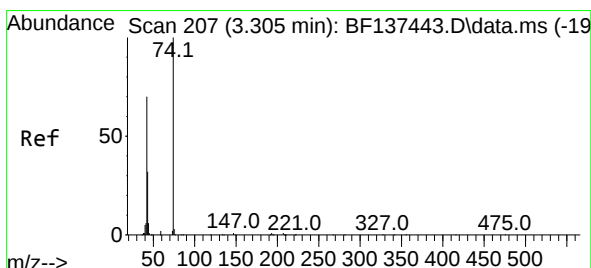
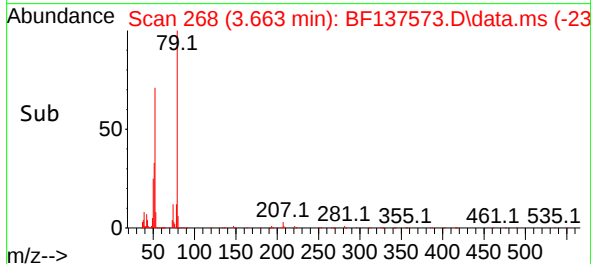
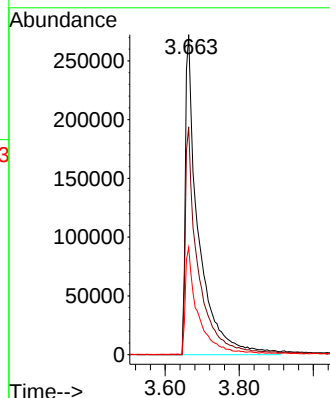
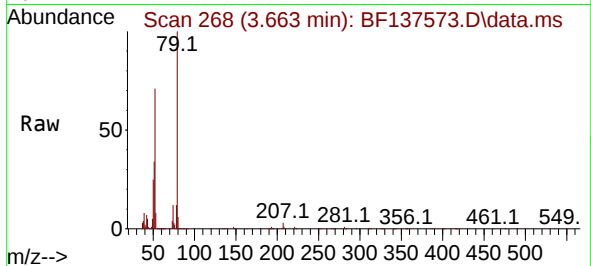
#3
Pyridine
Concen: 33.794 ng
RT: 3.663 min Scan# 20
Delta R.T. 0.088 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Instrument :
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ClientSampleId :
PB159549BS

Tgt Ion: 79 Resp: 66711
Ion Ratio Lower Upper
79 100
52 71.2 57.0 85.4
51 33.6 27.5 41.3

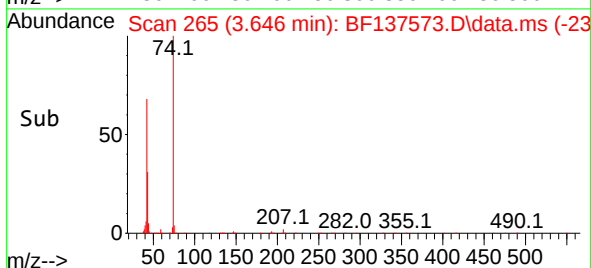
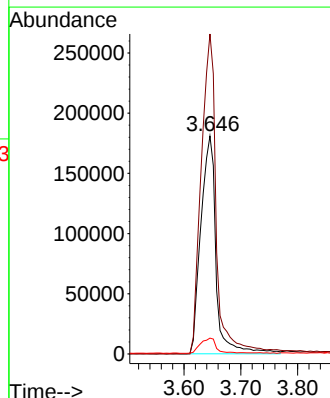
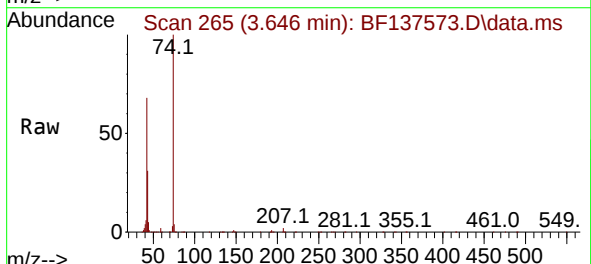
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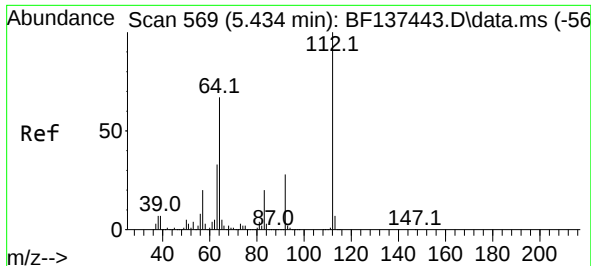
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#4
n-Nitrosodimethylamine
Concen: 42.587 ng
RT: 3.646 min Scan# 265
Delta R.T. 0.076 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Tgt Ion: 42 Resp: 336827
Ion Ratio Lower Upper
42 100
74 146.8 114.0 171.0
44 7.3 7.0 10.4





#5
2-Fluorophenol
Concen: 125.604 ng
RT: 5.587 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Instrument :

BNA_F

ClientSampleId :

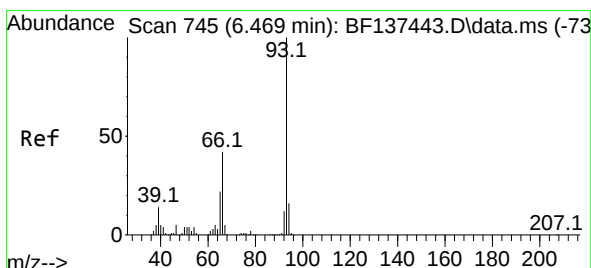
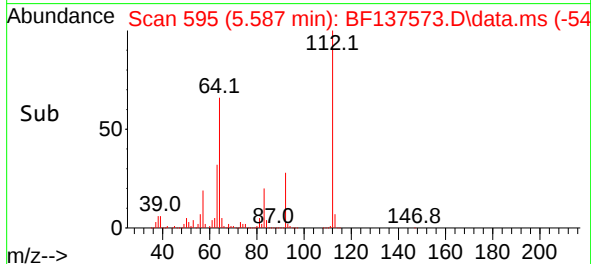
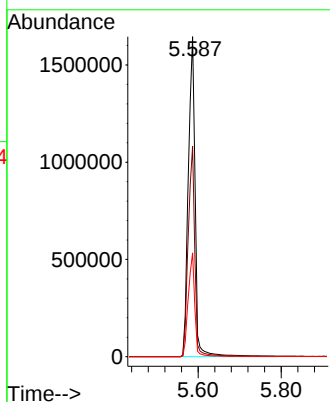
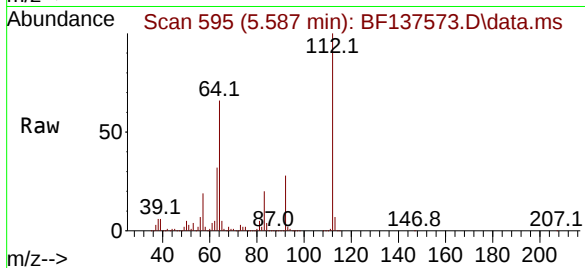
PB159549BS

Tgt Ion:112 Resp: 188024
Ion Ratio Lower Upper
112 100
64 65.8 53.4 80.2
63 32.5 26.2 39.2

Manual Integrations

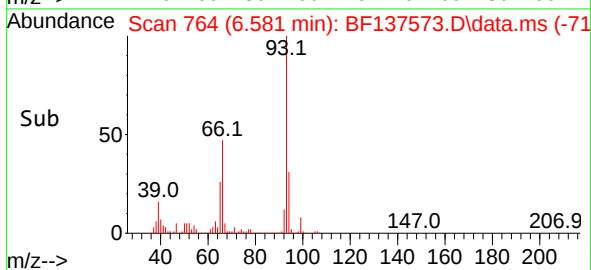
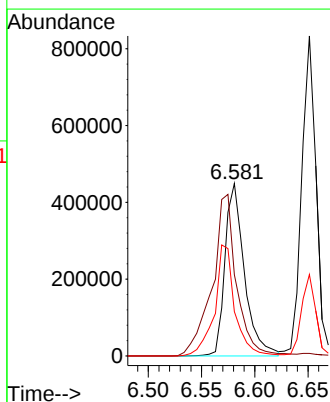
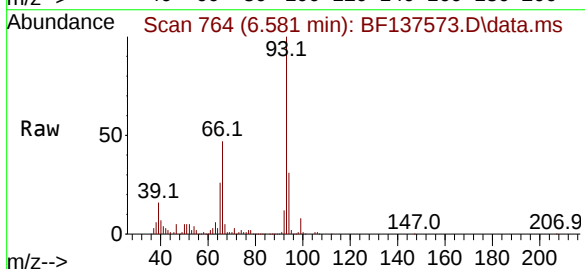
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#6
Aniline
Concen: 21.546 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

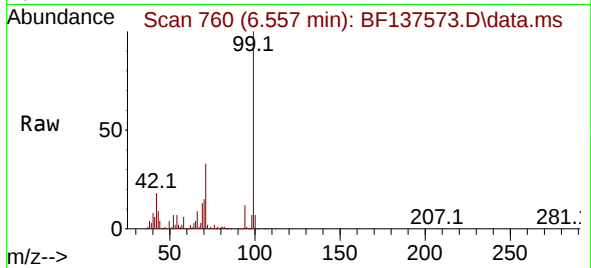
Tgt Ion: 93 Resp: 568890
Ion Ratio Lower Upper
93 100
66 47.1 34.0 51.0
65 25.7 17.8 26.8





#7
Phenol-d6
Concen: 117.659 ng
RT: 6.557 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

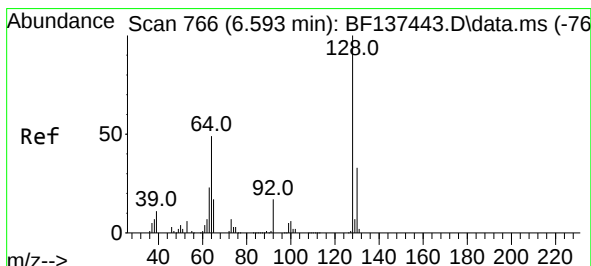
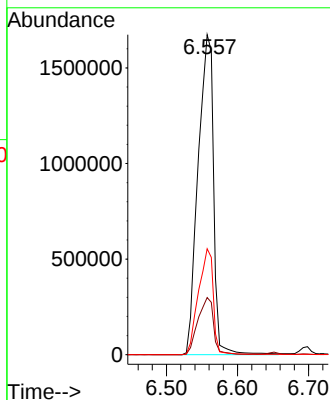
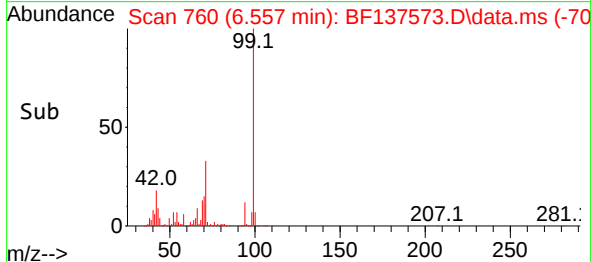
Instrument :
BNA_F
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PB159549BS



Tgt Ion: 99 Resp: 2542420
Ion Ratio Lower Upper
99 100
42 17.9 14.6 21.8
71 33.1 25.3 37.9

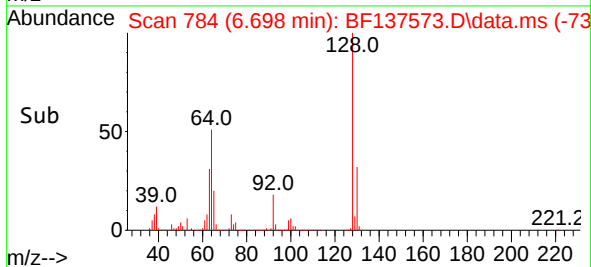
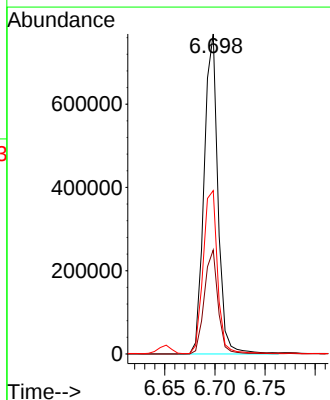
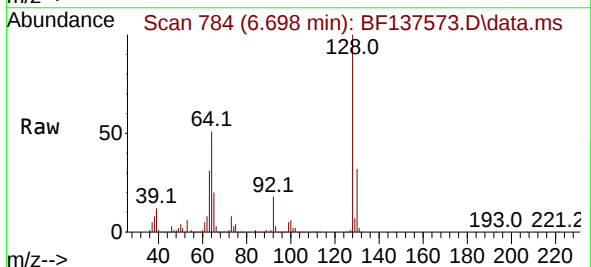
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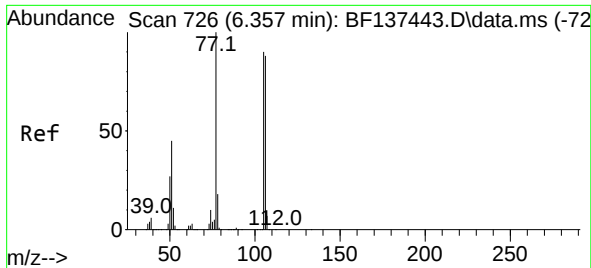
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#8
2-Chlorophenol
Concen: 47.204 ng
RT: 6.698 min Scan# 784
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

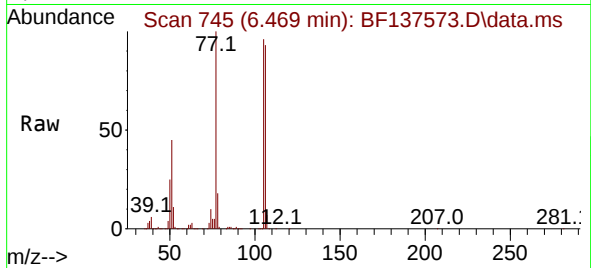
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Ion Ratio Lower Upper
128 100
130 32.5 13.4 53.4
64 51.1 30.0 70.0





#9
Benzaldehyde
Concen: 28.411 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF137573.D
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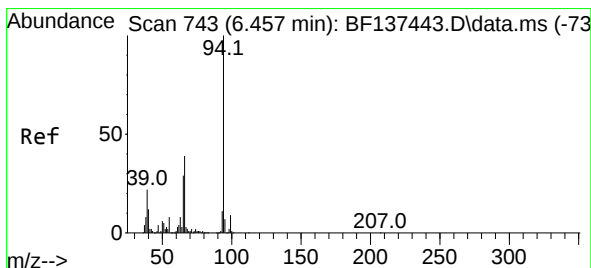
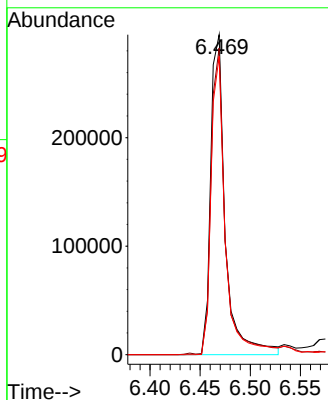
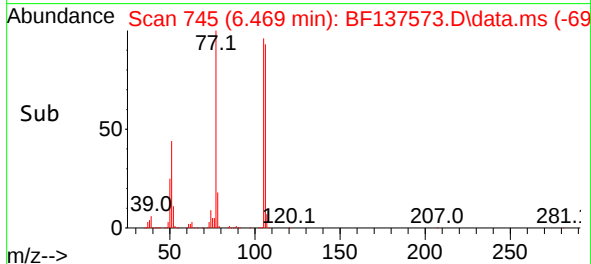
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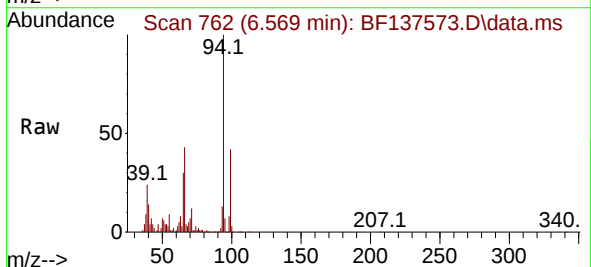
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Ion Ratio Lower Upper
77 100
105 95.9 69.8 109.8
106 93.3 67.8 107.8

Manual Integrations
APPROVED

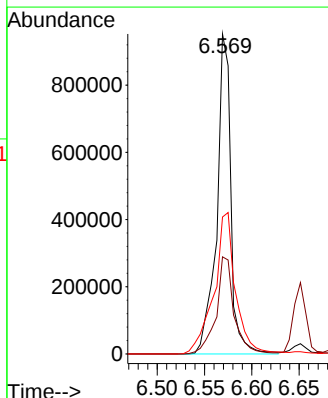
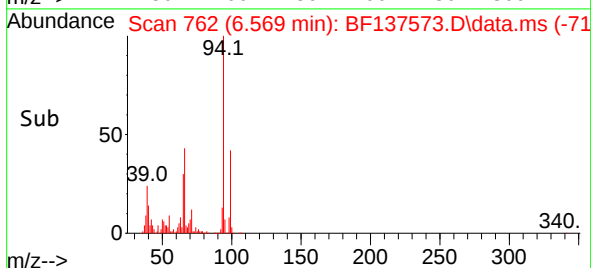
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

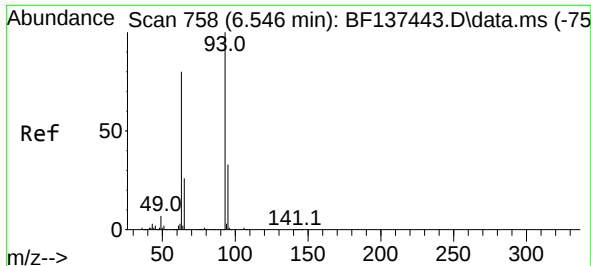


#10
Phenol
Concen: 42.403 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28



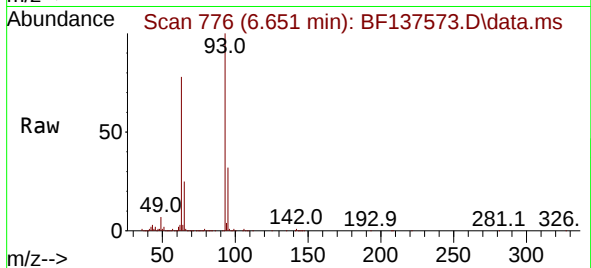
Tgt Ion: 94 Resp: 986205
Ion Ratio Lower Upper
94 100
65 30.4 8.7 48.7
66 42.8 18.6 58.6





#11
bis(2-Chloroethyl)ether
Concen: 45.926 ng
RT: 6.651 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

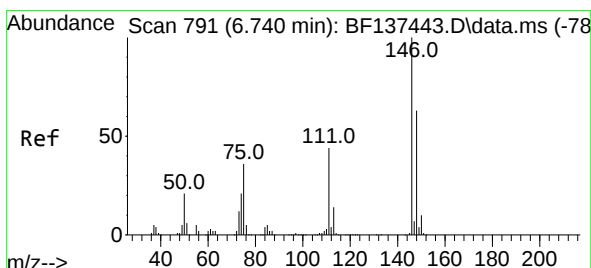
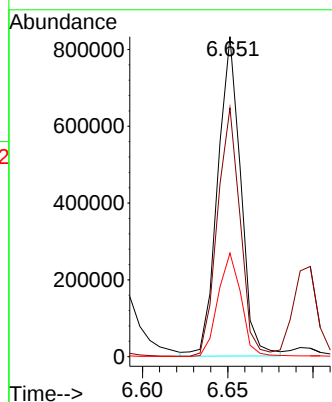
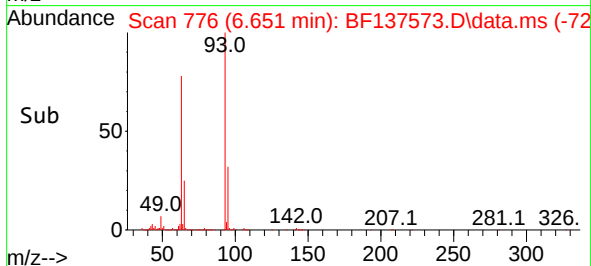
Instrument :
BNA_F
ClientSampleId :
PB159549BS



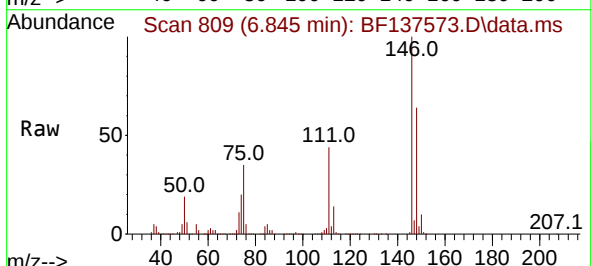
Tgt Ion: 93 Resp: 782720
Ion Ratio Lower Upper
93 100
63 77.7 58.9 98.9
95 32.3 12.2 52.2

Manual Integrations
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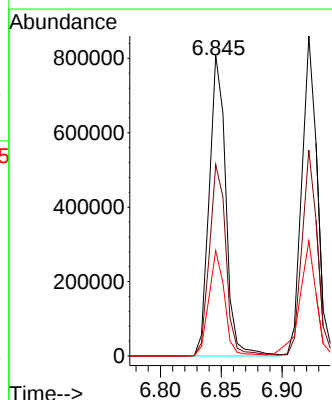
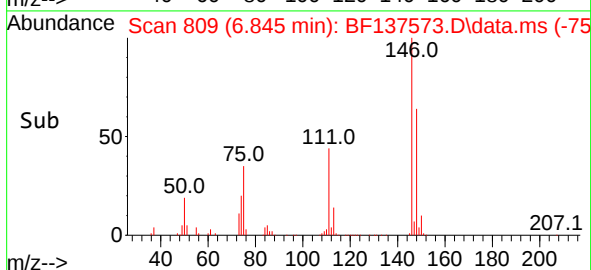
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

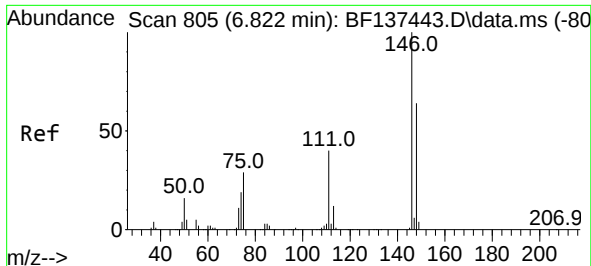


#12
1,3-Dichlorobenzene
Concen: 45.329 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28



Tgt Ion:146 Resp: 764791
Ion Ratio Lower Upper
146 100
148 63.6 50.3 75.5
75 35.0 29.0 43.4





#13

1,4-Dichlorobenzene

Concen: 45.234 ng

RT: 6.922 min Scan# 805

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB159549BS

Tgt Ion:146 Resp: 78086

Ion Ratio Lower Upper

146 100

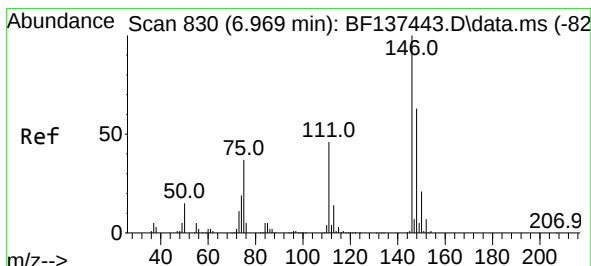
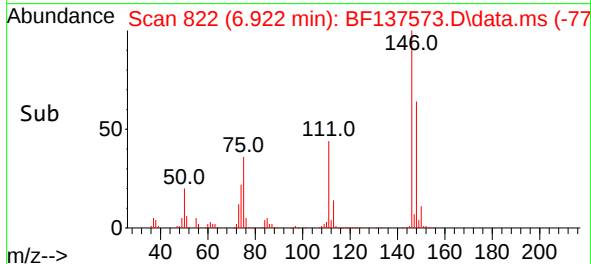
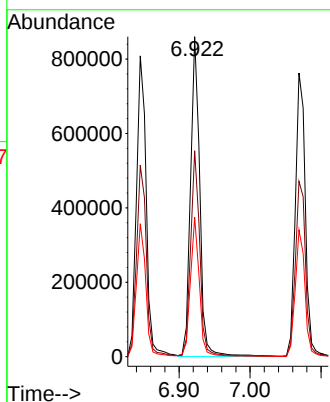
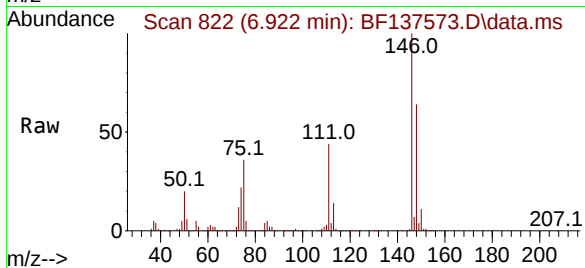
148 64.4 51.2 76.8

111 43.6 32.4 48.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#14

1,2-Dichlorobenzene

Concen: 46.694 ng

RT: 7.069 min Scan# 847

Delta R.T. -0.006 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

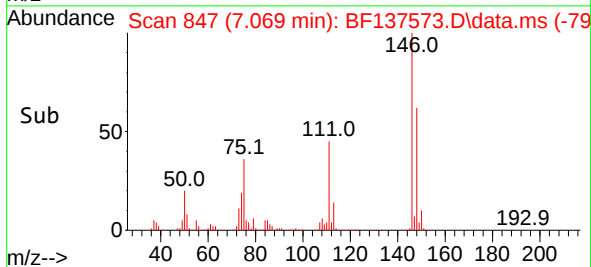
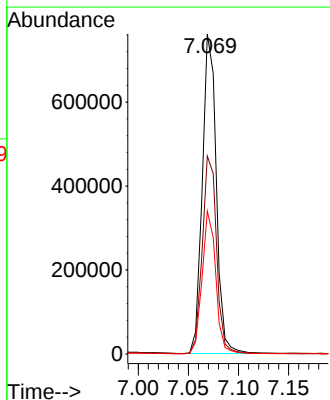
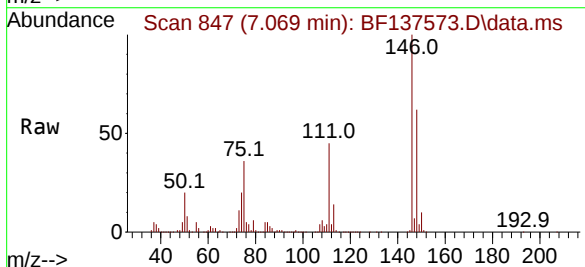
Tgt Ion:146 Resp: 739847

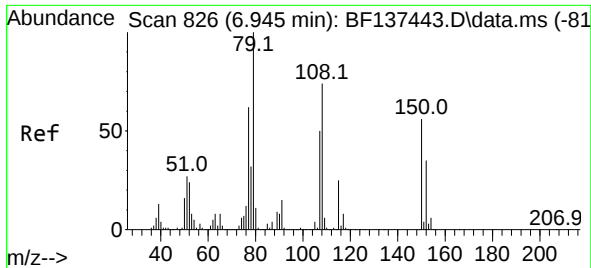
Ion Ratio Lower Upper

146 100

148 61.8 50.0 75.0

111 44.7 36.8 55.2





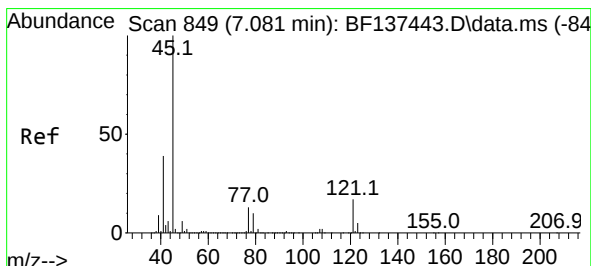
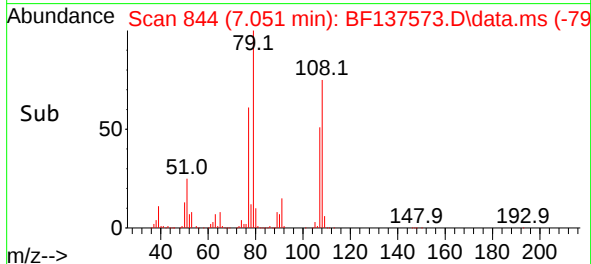
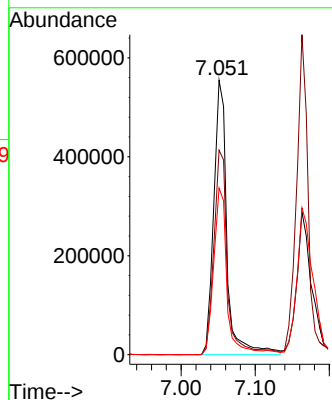
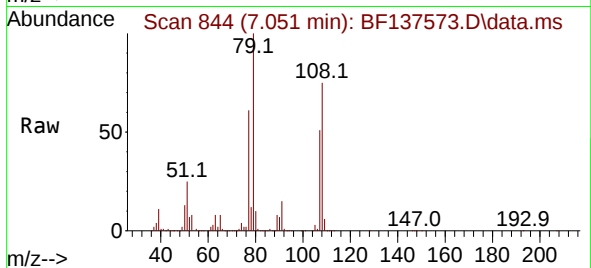
#15
Benzyl Alcohol
Concen: 50.916 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Instrument :
BNA_F
ClientSampleId :
PB159549BS

Tgt Ion: 79 Resp: 68494
Ion Ratio Lower Upper
79 100
108 74.5 59.5 89.3
77 60.7 50.0 75.0

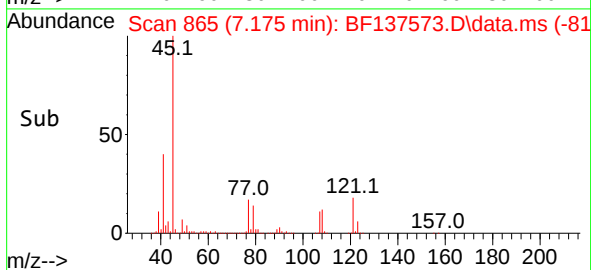
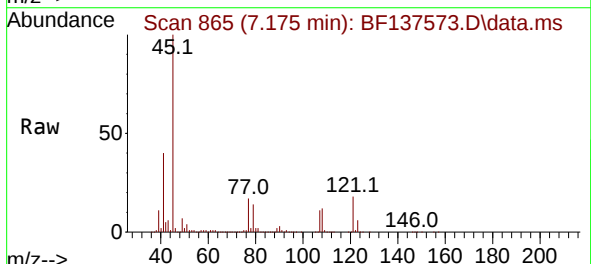
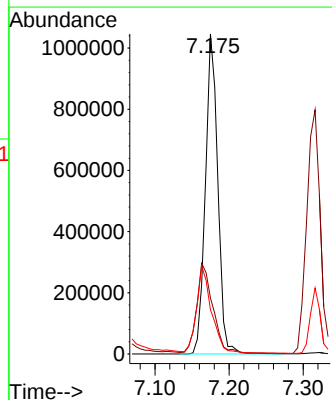
Manual Integrations
APPROVED

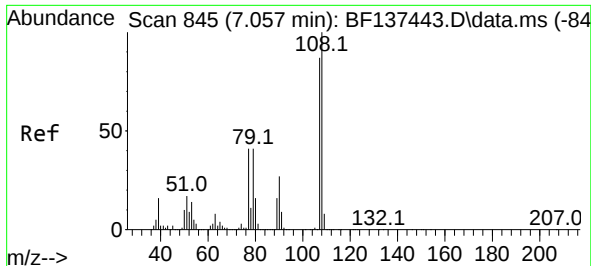
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.521 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Tgt Ion: 45 Resp: 1216397
Ion Ratio Lower Upper
45 100
77 17.5 0.0 33.4
79 13.8 0.0 30.9





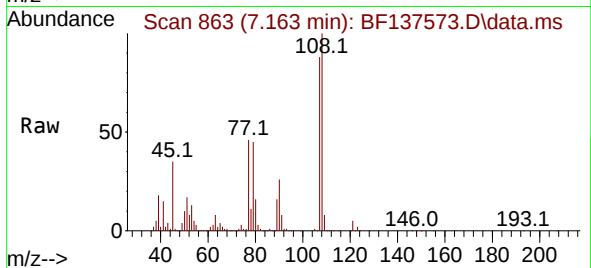
#17
2-Methylphenol
Concen: 42.018 ng
RT: 7.163 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB159549BS

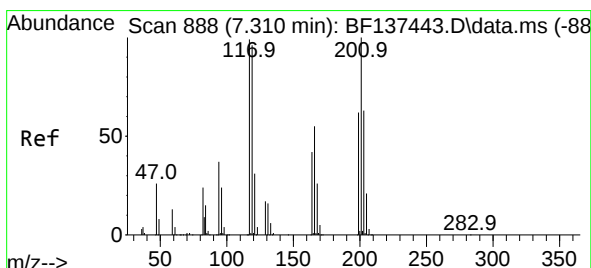
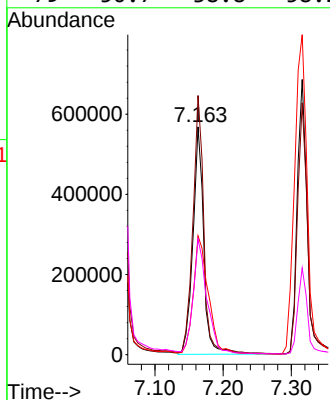
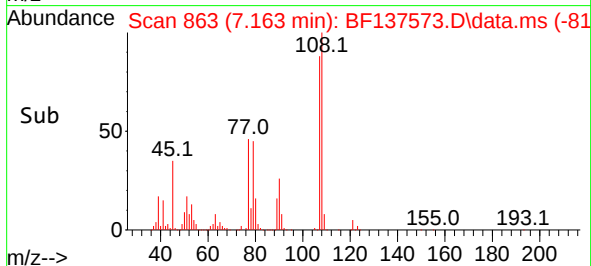


Tgt Ion:107 Resp: 620790
Ion Ratio Lower Upper
107 100
108 113.8 92.2 138.4
77 52.2 38.6 57.8
79 50.7 38.8 58.2

Manual Integrations

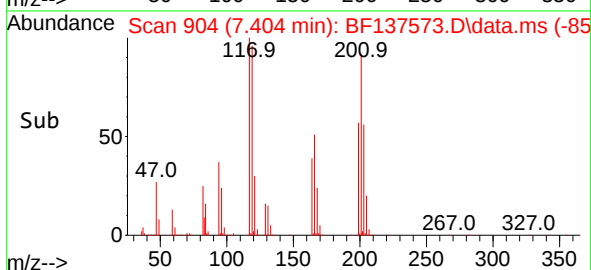
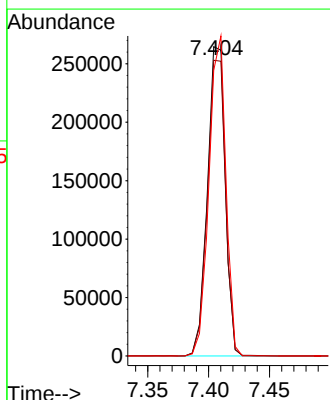
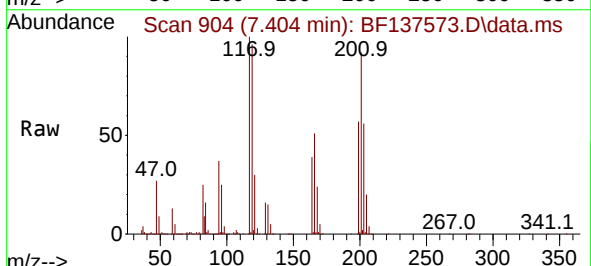
APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#18
Hexachloroethane
Concen: 47.554 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

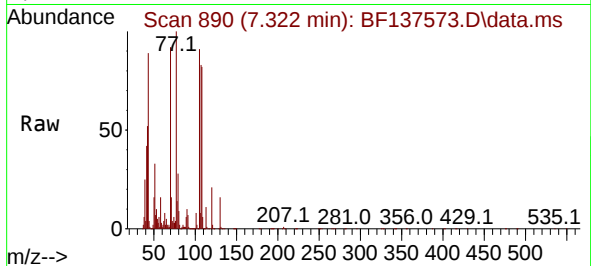
Tgt Ion:117 Resp: 270302
Ion Ratio Lower Upper
117 100
119 95.6 77.5 116.3
201 92.4 80.6 121.0





#19
n-Nitroso-di-n-propylamine
Concen: 42.466 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

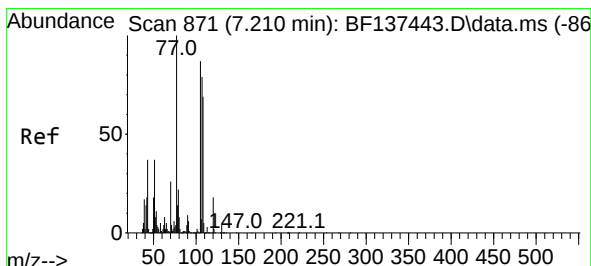
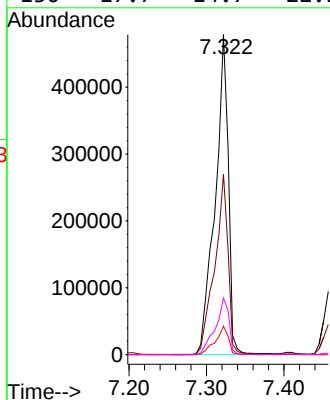
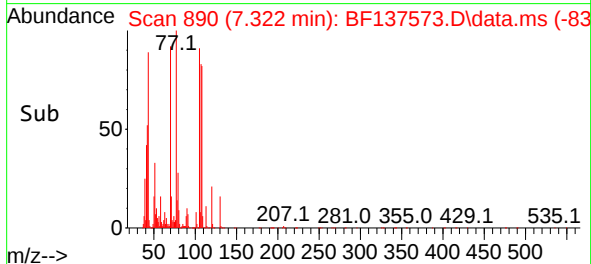
Instrument :
BNA_F
ClientSampleId :
PB159549BS



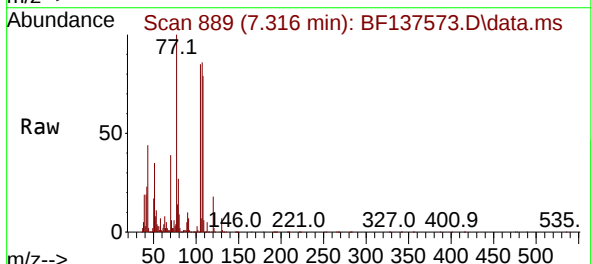
Tgt Ion:	70	Resp:	56664
Ion Ratio	100	Lower	Upper
70	100		
42	56.5	45.2	67.8
101	8.9	7.3	10.9
130	17.7	14.7	22.1

Manual Integrations
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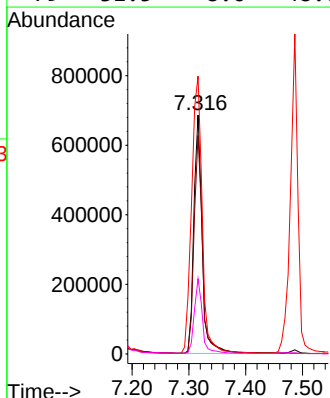
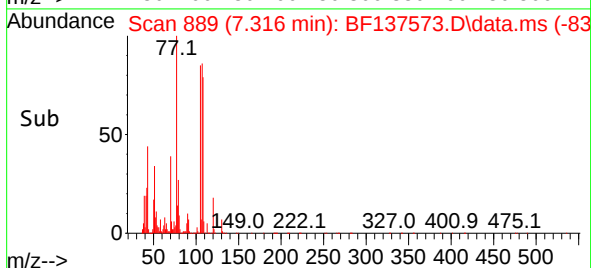
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

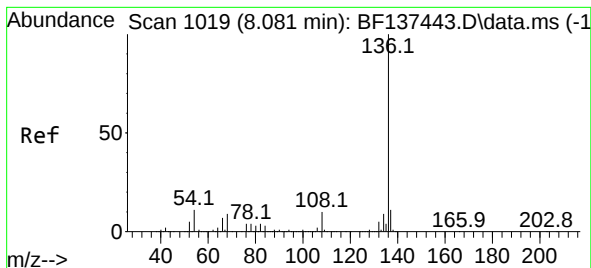


#20
3+4-Methylphenols
Concen: 41.856 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28



Tgt Ion:	107	Resp:	708245
Ion Ratio	100	Lower	Upper
107	100		
108	91.5	67.6	107.6
77	116.3	107.1	147.1
79	31.5	8.6	48.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.175 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB159549BS

Tgt Ion:136 Resp: 90020

Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

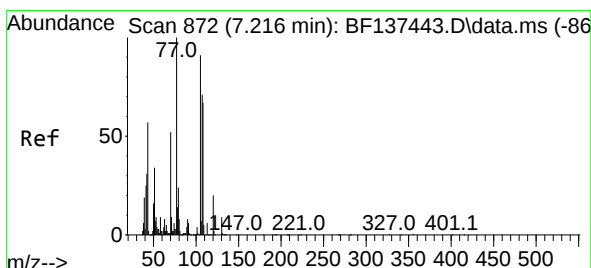
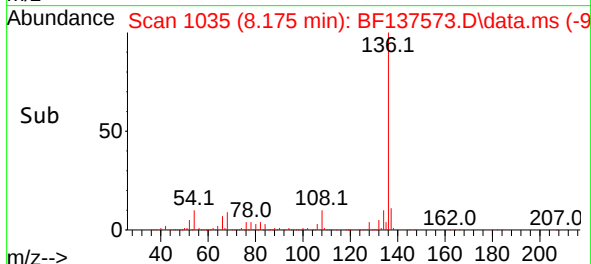
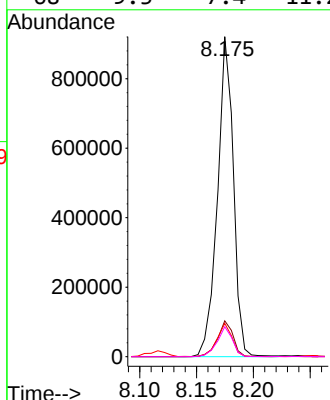
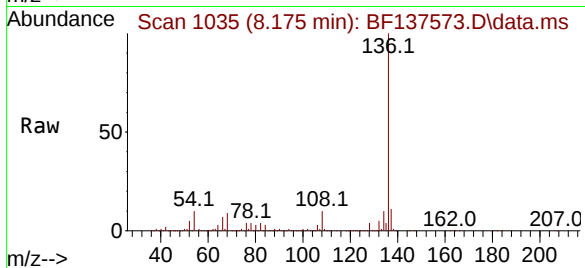
54 10.4 8.5 12.7

68 9.3 7.4 11.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#22

Acetophenone

Concen: 44.876 ng

RT: 7.316 min Scan# 889

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

Tgt Ion:105 Resp: 977433

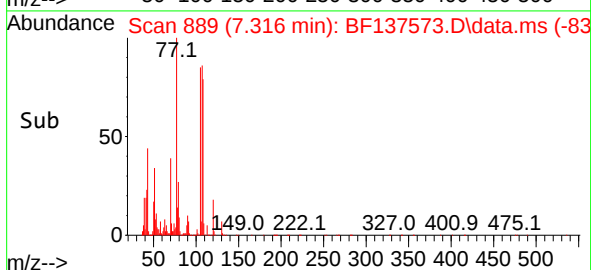
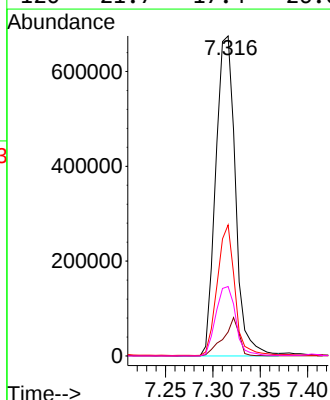
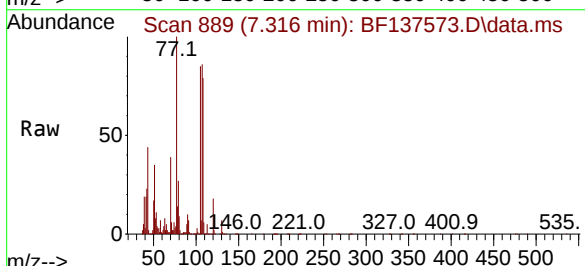
Ion Ratio Lower Upper

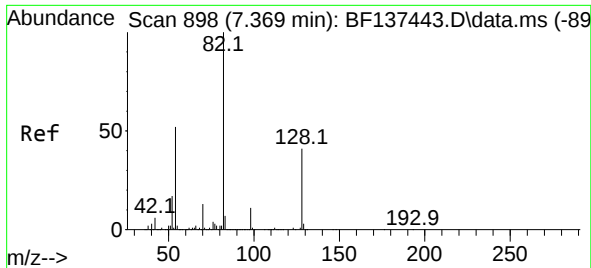
105 100

71 7.5 7.7 11.5#

51 40.9 30.4 45.6

120 21.7 17.4 26.0





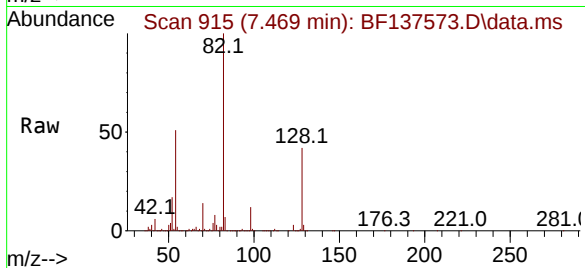
#23
Nitrobenzene-d5
Concen: 84.797 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB159549BS

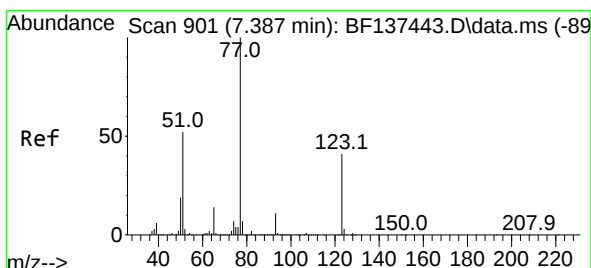
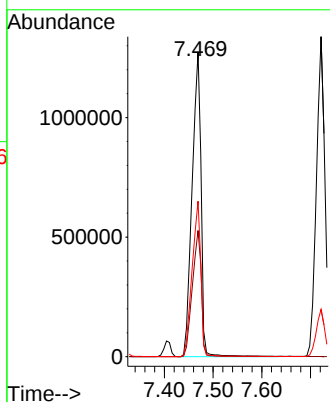
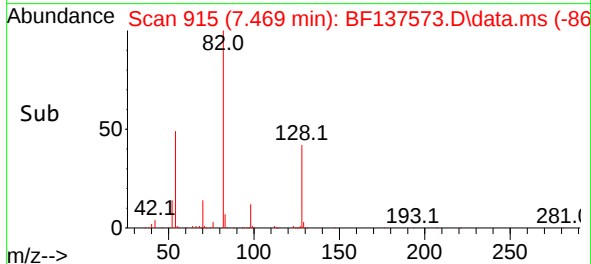


Tgt Ion: 82 Resp: 164286
Ion Ratio Lower Upper
82 100
128 41.5 32.5 48.7
54 51.1 41.5 62.3

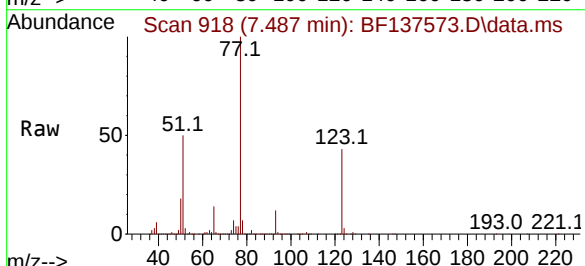
Manual Integrations

APPROVED

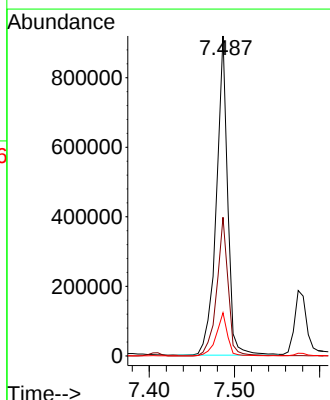
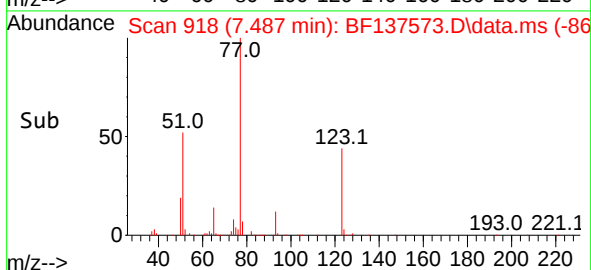
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

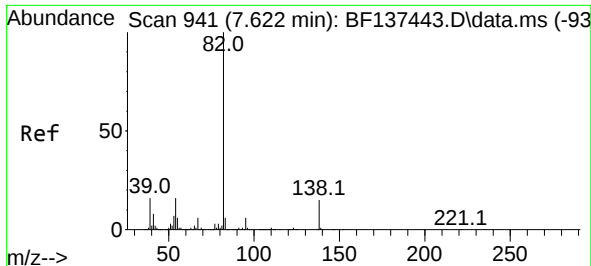


#24
Nitrobenzene
Concen: 43.499 ng
RT: 7.487 min Scan# 918
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28



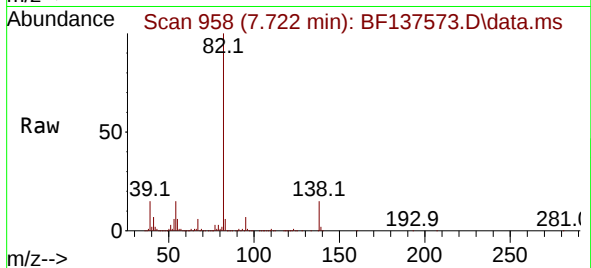
Tgt Ion: 77 Resp: 846587
Ion Ratio Lower Upper
77 100
123 43.4 33.0 49.6
65 13.5 10.9 16.3





#25
Isophorone
Concen: 44.727 ng
RT: 7.722 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

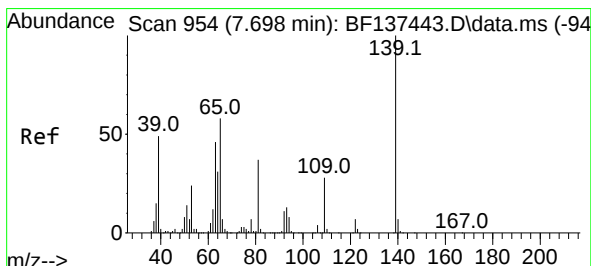
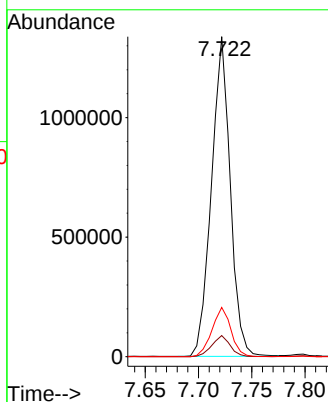
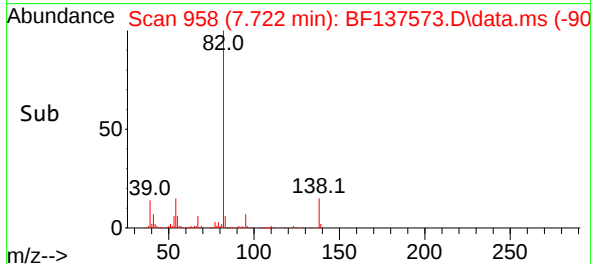
Instrument :
BNA_F
ClientSampleId :
PB159549BS



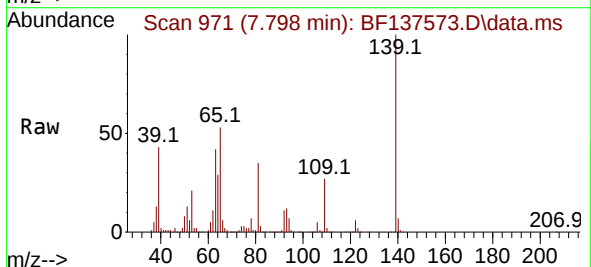
Tgt Ion: 82 Resp: 1646274
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 15.4 11.8 17.8

Manual Integrations
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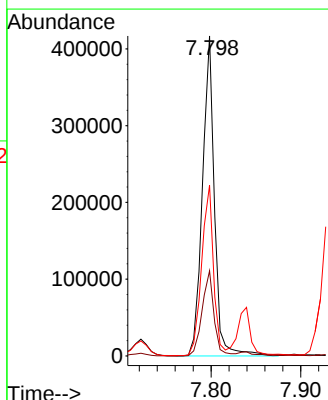
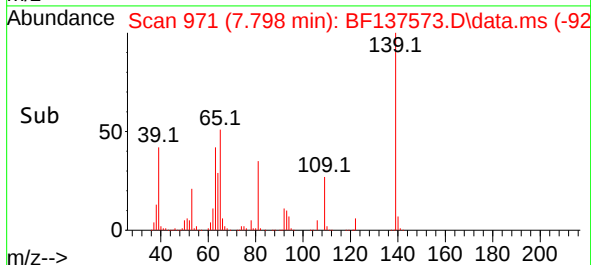
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

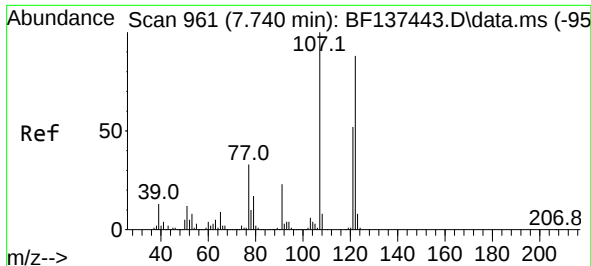


#26
2-Nitrophenol
Concen: 50.403 ng
RT: 7.798 min Scan# 971
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28



Tgt Ion:139 Resp: 389454
Ion Ratio Lower Upper
139 100
109 26.6 22.2 33.4
65 53.4 46.2 69.2





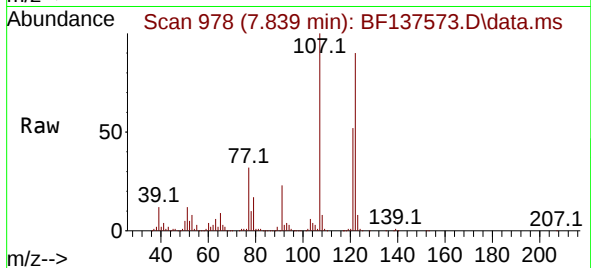
#27
2,4-Dimethylphenol
Concen: 39.101 ng
RT: 7.839 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB159549BS

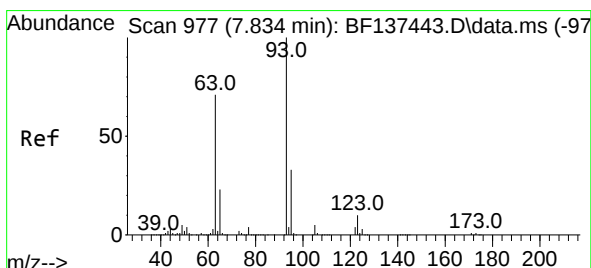
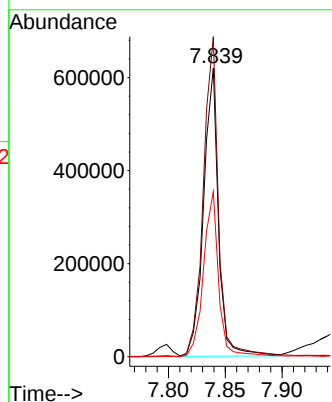
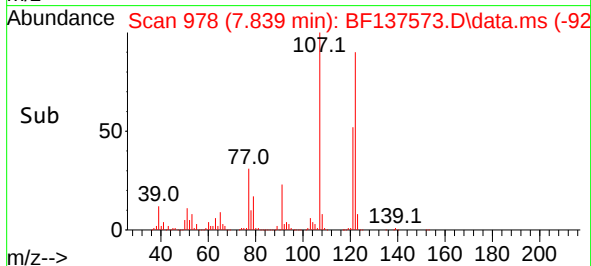


Tgt Ion:122 Resp: 564534
Ion Ratio Lower Upper
122 100
107 110.9 90.9 136.3
121 57.2 47.0 70.6

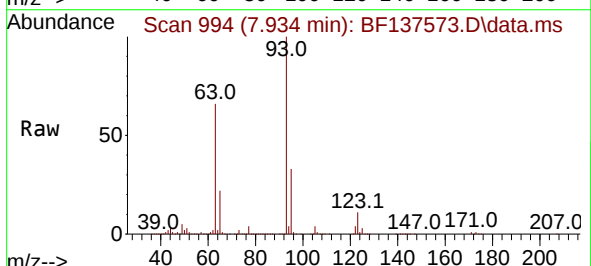
Manual Integrations

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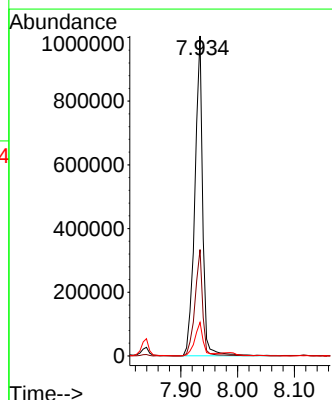
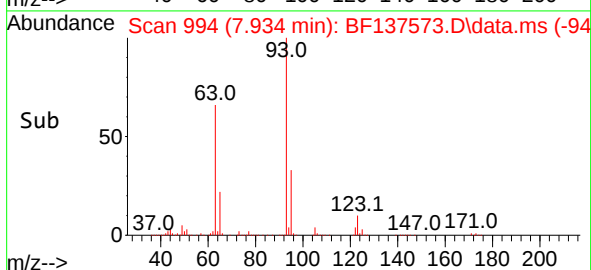
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

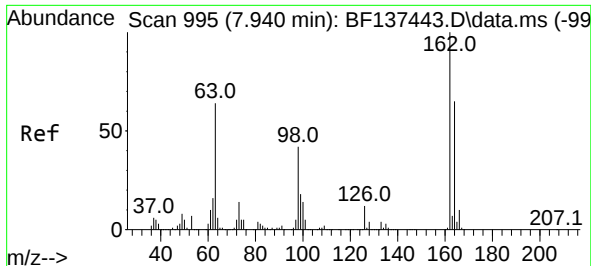


#28
bis(2-Chloroethoxy)methane
Concen: 45.017 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28



Tgt Ion: 93 Resp: 972194
Ion Ratio Lower Upper
93 100
95 33.3 26.5 39.7
123 10.5 8.0 12.0





#29
2,4-Dichlorophenol
Concen: 47.173 ng
RT: 8.039 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Instrument :

BNA_F

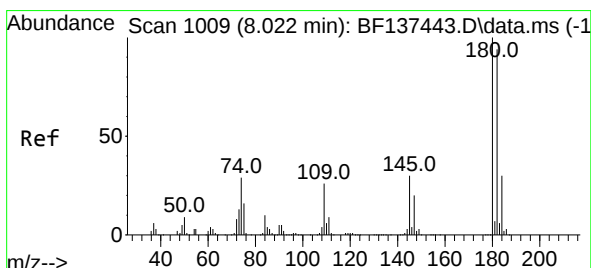
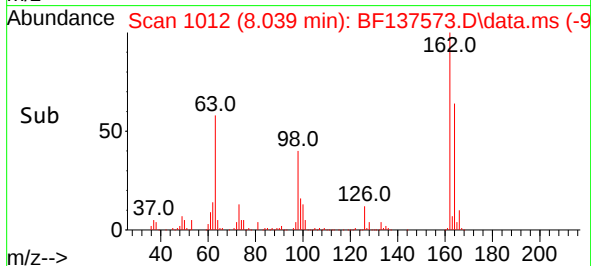
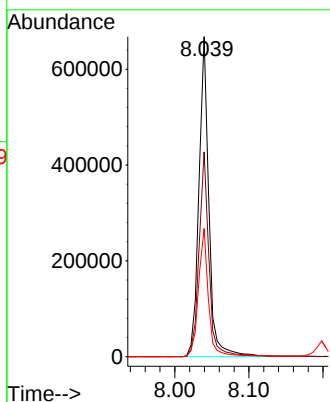
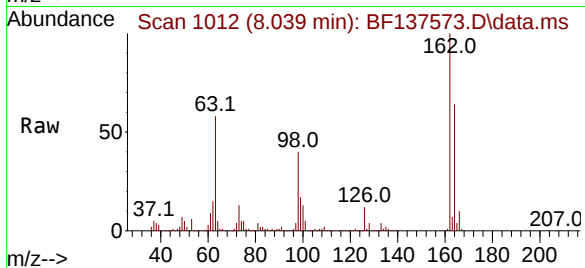
ClientSampleId :

PB159549BS

Tgt Ion:162 Resp: 625074
Ion Ratio Lower Upper
162 100
164 64.0 44.7 84.7
98 40.0 22.0 62.0

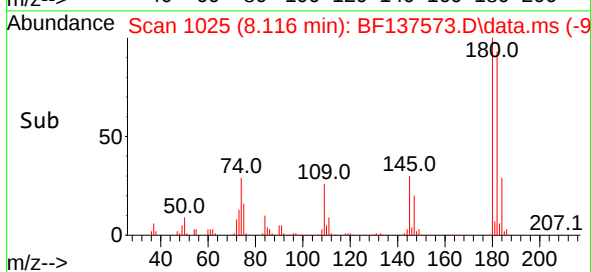
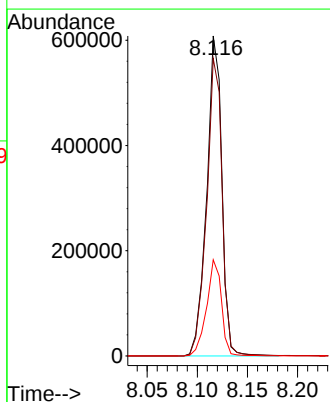
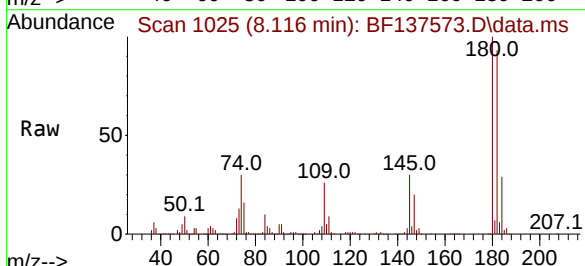
Manual Integrations
APPROVED

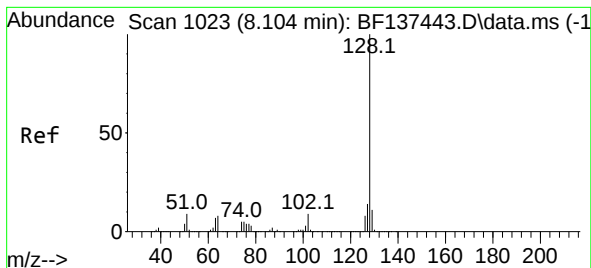
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#30
1,2,4-Trichlorobenzene
Concen: 46.123 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Tgt Ion:180 Resp: 643157
Ion Ratio Lower Upper
180 100
182 93.0 75.0 112.6
145 30.0 23.7 35.5





#31

Naphthalene

Concen: 43.188 ng

RT: 8.198 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB159549BS

Tgt Ion:128 Resp: 208596

Ion Ratio Lower Upper

128 100

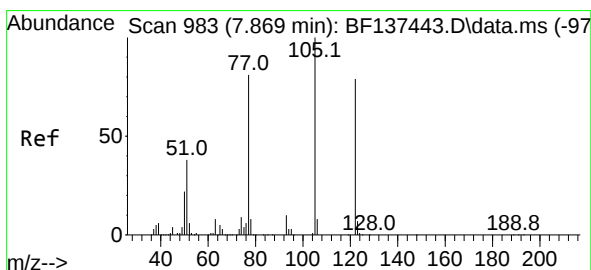
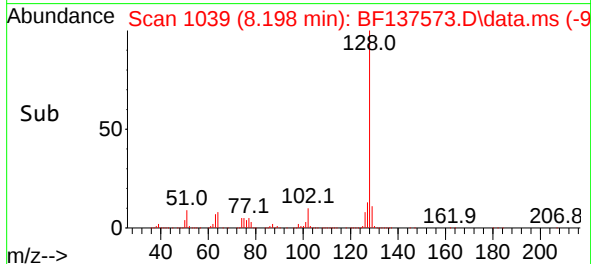
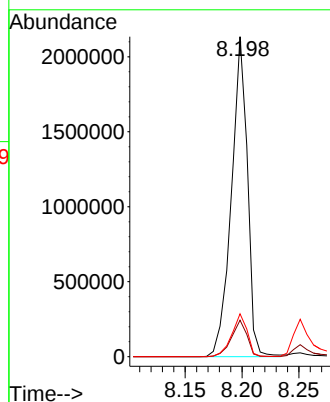
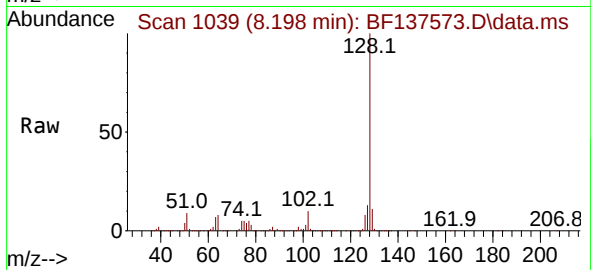
129 11.4 9.2 13.8

127 13.4 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#32

Benzoic acid

Concen: 47.102 ng

RT: 7.992 min Scan# 1004

Delta R.T. 0.012 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

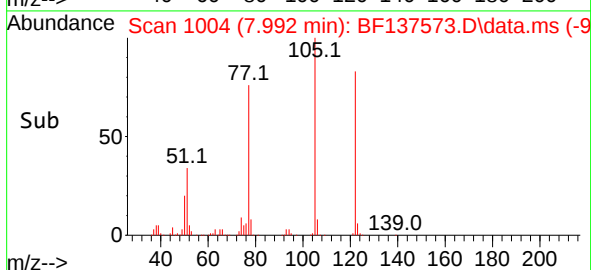
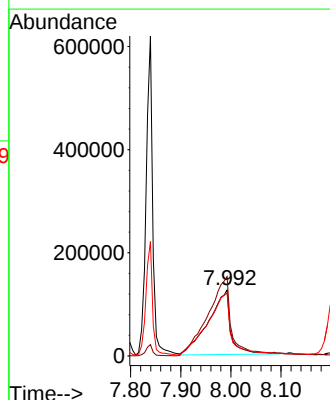
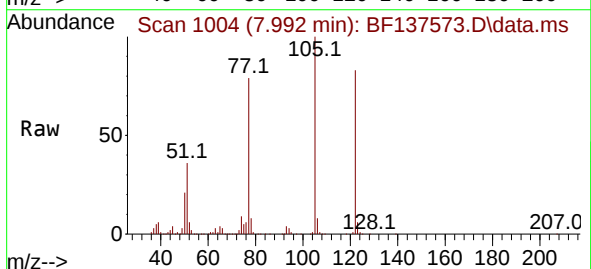
Tgt Ion:122 Resp: 390502

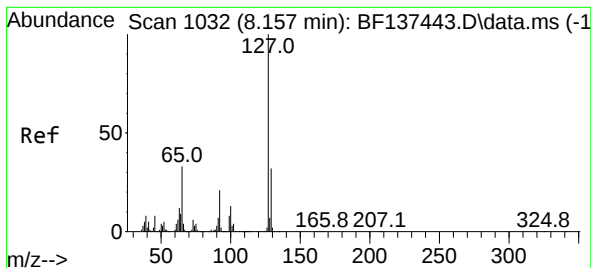
Ion Ratio Lower Upper

122 100

105 120.3 102.4 142.4

77 95.5 81.1 121.1





#33

4-Chloroaniline

Concen: 16.326 ng

RT: 8.251 min Scan# 1048

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB159549BS

Tgt Ion:127 Resp: 30920

Ion Ratio Lower Upper

127 100

129 31.9 26.0 39.0

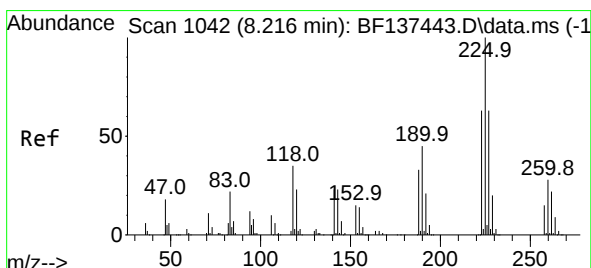
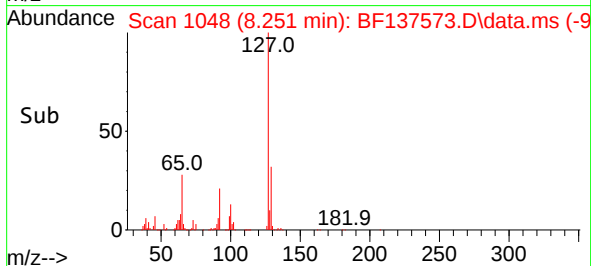
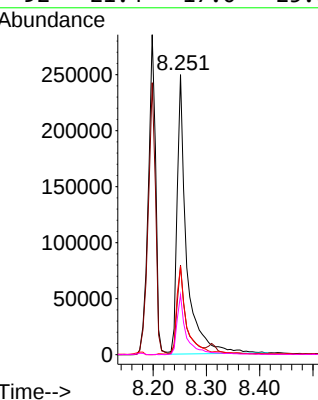
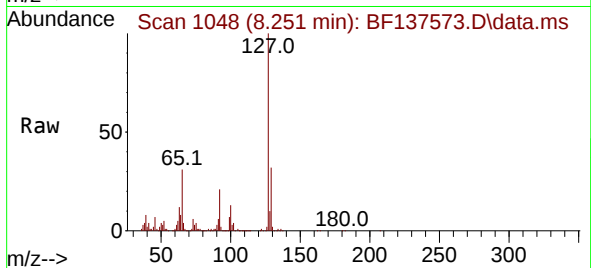
65 31.5 26.8 40.2

92 21.4 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#34

Hexachlorobutadiene

Concen: 45.883 ng

RT: 8.310 min Scan# 1058

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

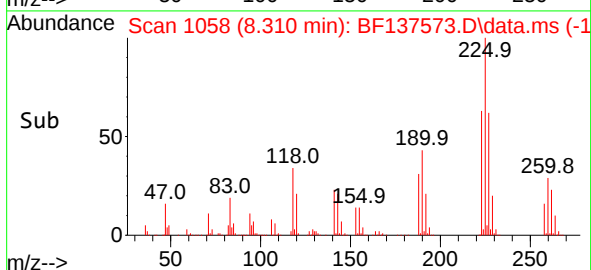
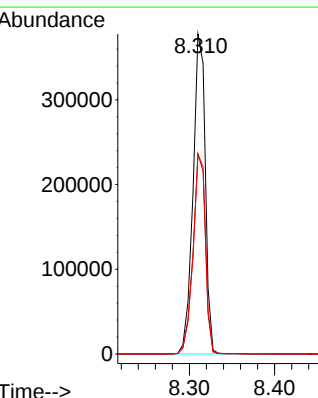
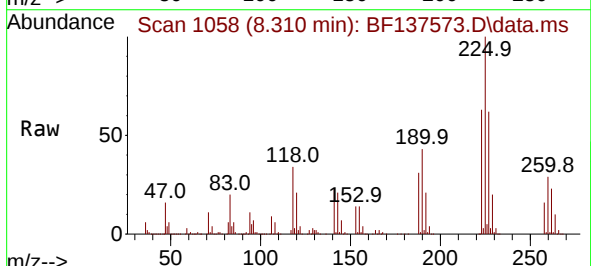
Tgt Ion:225 Resp: 377721

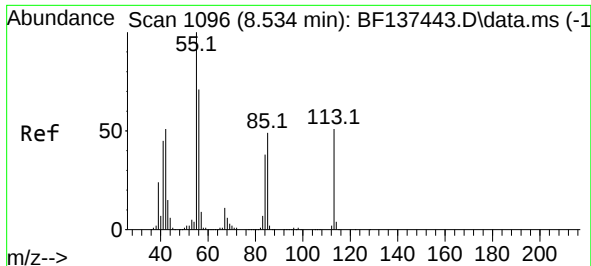
Ion Ratio Lower Upper

225 100

223 62.5 50.7 76.1

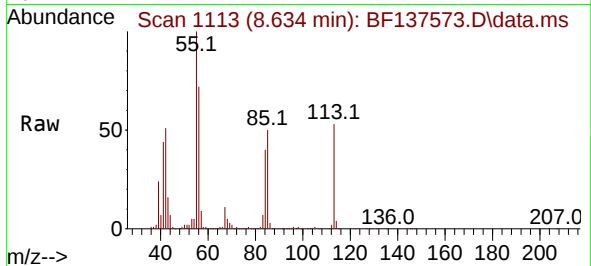
227 62.4 50.6 75.8





#35
Caprolactam
Concen: 48.819 ng m
RT: 8.634 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

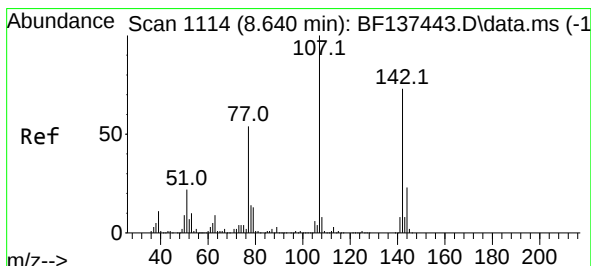
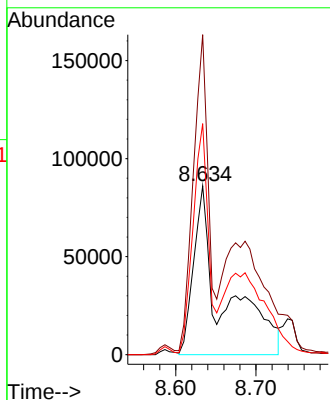
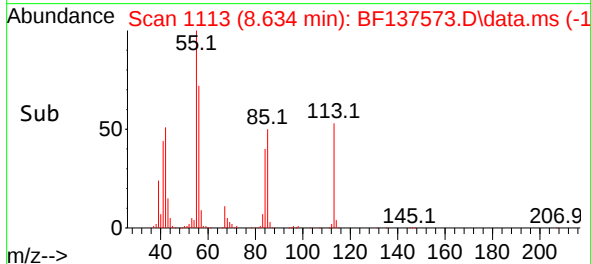
Instrument :
BNA_F
ClientSampleId :
PB159549BS



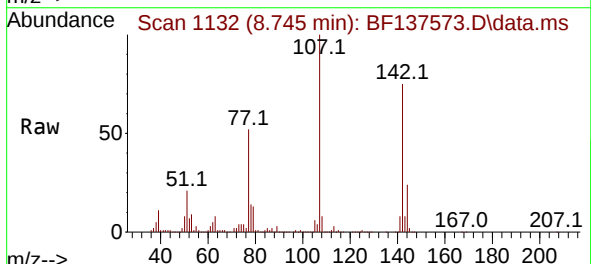
Tgt Ion:113 Resp: 219350
Ion Ratio Lower Upper
113 100
55 189.5 176.7 216.7
56 136.9 120.6 160.6

Manual Integrations
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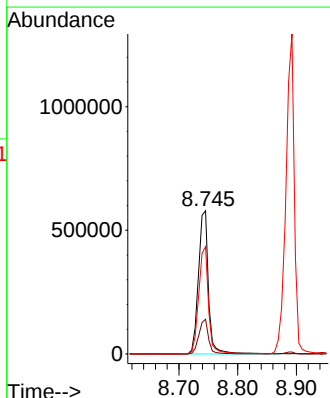
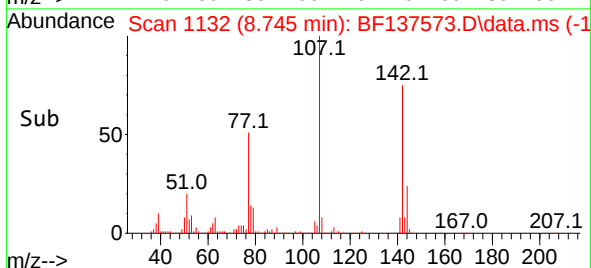
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

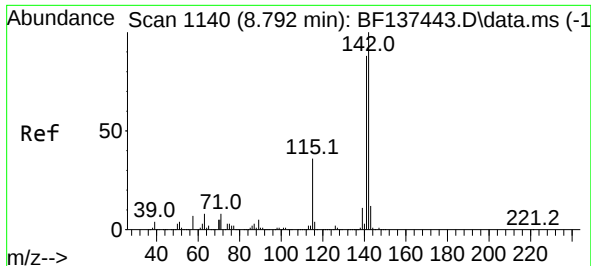


#36
4-Chloro-3-methylphenol
Concen: 46.121 ng
RT: 8.745 min Scan# 1132
Delta R.T. 0.006 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28



Tgt Ion:107 Resp: 683115
Ion Ratio Lower Upper
107 100
144 24.3 18.7 28.1
142 74.9 58.2 87.2





#37

2-Methylnaphthalene

Concen: 41.748 ng

RT: 8.892 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB159549BS

Tgt Ion:142 Resp: 1285428

Ion Ratio Lower Upper

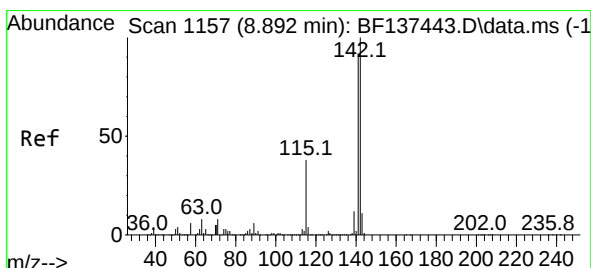
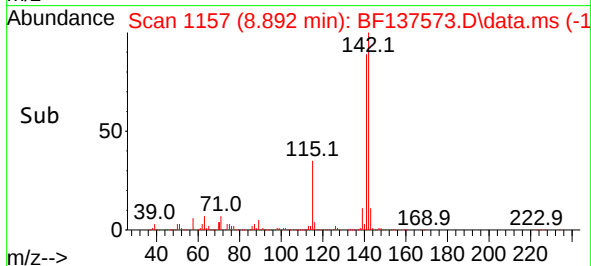
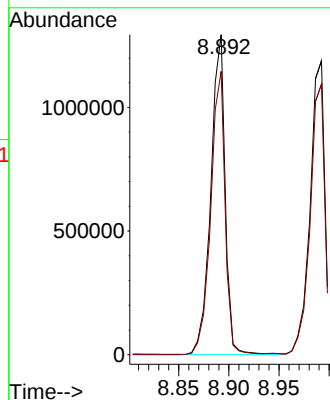
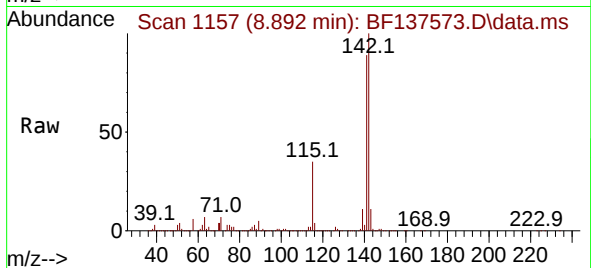
142 100

141 88.6 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#38

1-Methylnaphthalene

Concen: 41.765 ng

RT: 8.992 min Scan# 1174

Delta R.T. 0.006 min

Lab File: BF137573.D

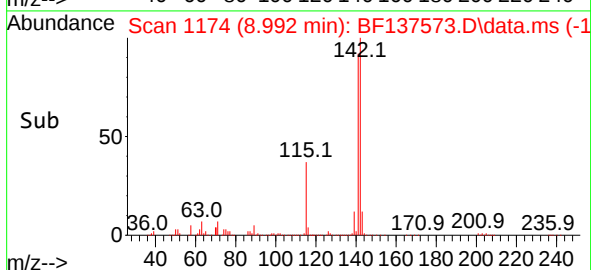
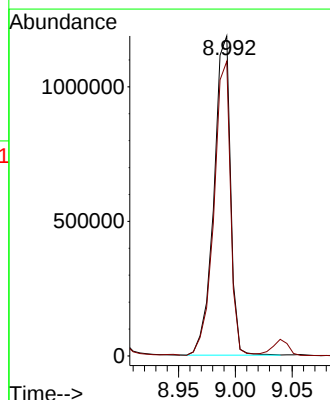
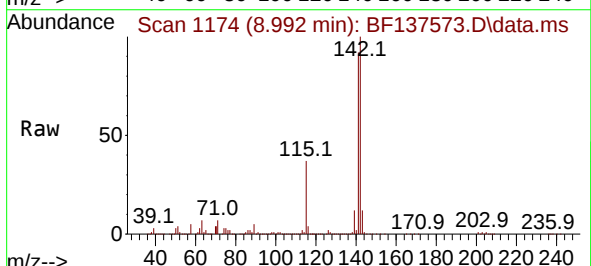
Acq: 13 Mar 2024 10:28

Tgt Ion:142 Resp: 1211039

Ion Ratio Lower Upper

142 100

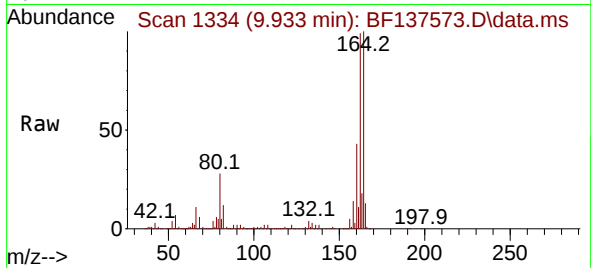
141 92.0 73.4 110.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

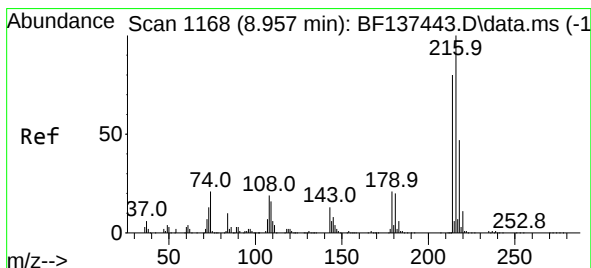
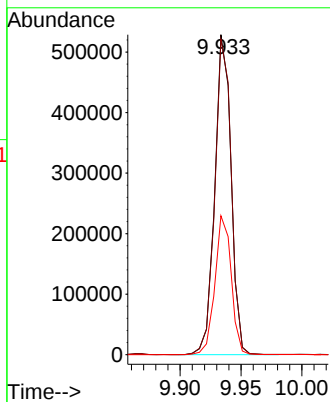
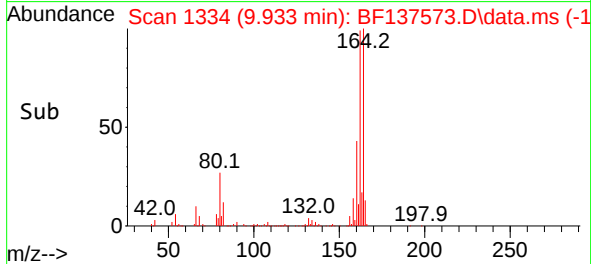
Instrument :
BNA_F
ClientSampleId :
PB159549BS



Tgt Ion:164 Resp: 492149
Ion Ratio Lower Upper
164 100
162 98.6 79.8 119.8
160 43.4 34.4 51.6

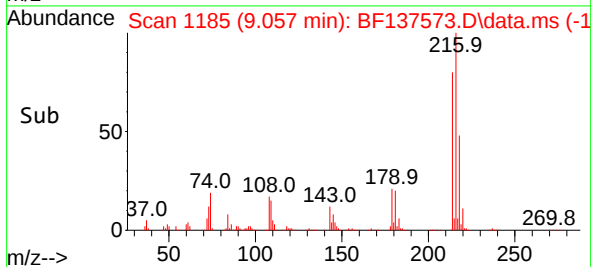
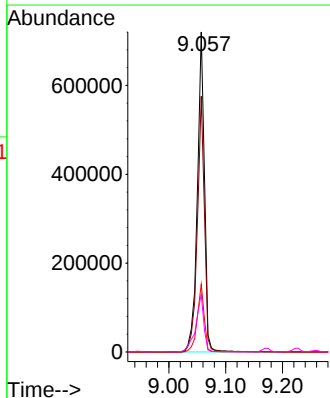
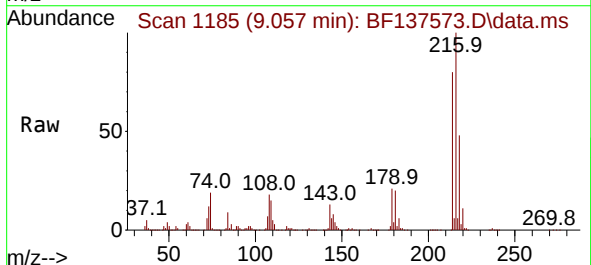
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.212 ng
RT: 9.057 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Tgt Ion:216 Resp: 634938
Ion Ratio Lower Upper
216 100
214 79.9 63.5 95.3
179 20.7 16.6 25.0
108 20.3 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 91.389 ng
RT: 9.039 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Instrument :

BNA_F

ClientSampleId :

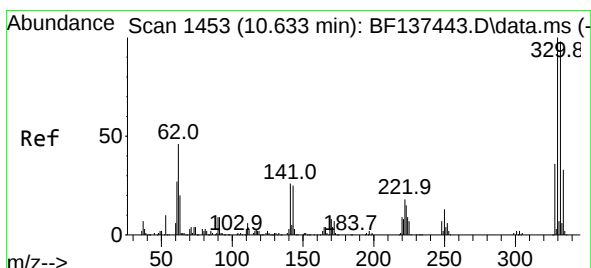
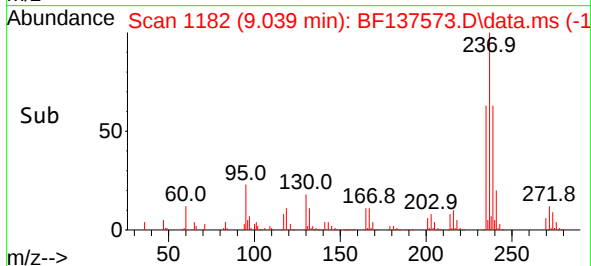
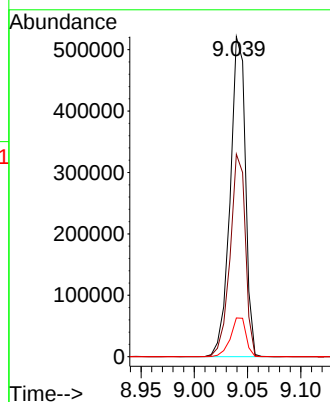
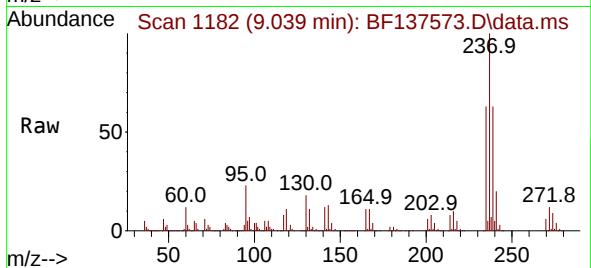
PB159549BS

Tgt Ion:237 Resp: 519760
Ion Ratio Lower Upper
237 100
235 63.3 43.6 83.6
272 12.1 0.0 31.9

Manual Integrations

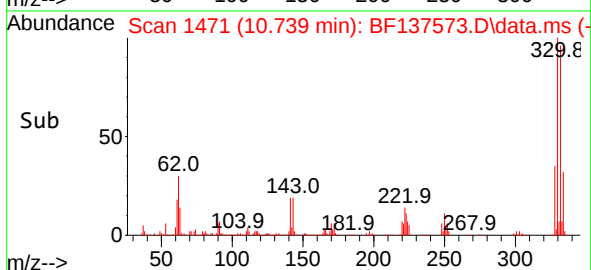
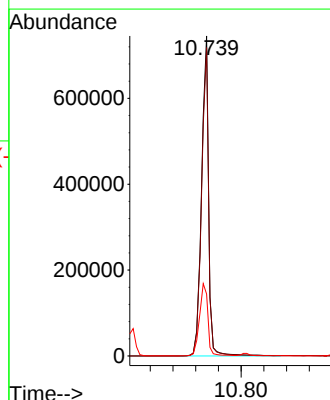
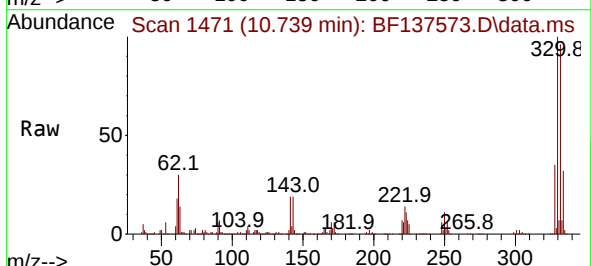
APPROVED

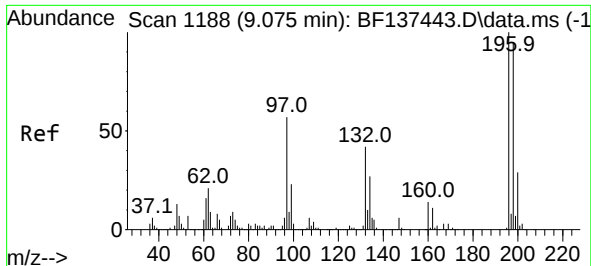
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#42
2,4,6-Tribromophenol
Concen: 148.872 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Tgt Ion:330 Resp: 643412
Ion Ratio Lower Upper
330 100
332 96.6 78.0 117.0
141 27.0 27.3 40.9#





#43

2,4,6-Trichlorophenol

Concen: 48.082 ng

RT: 9.175 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB159549BS

Tgt Ion:196 Resp: 43020

Ion Ratio Lower Upper

196 100

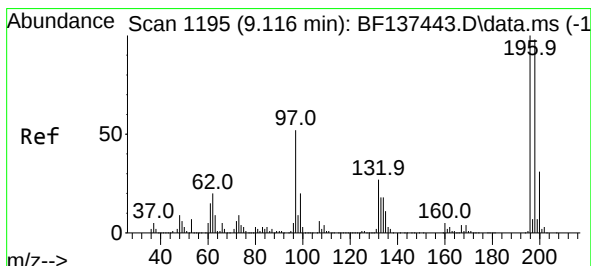
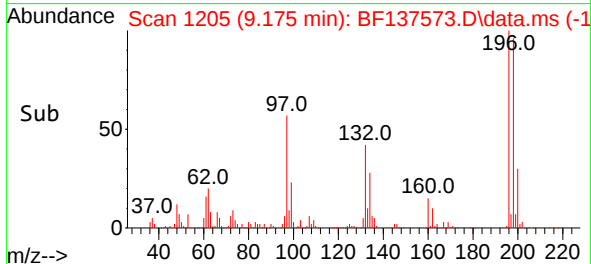
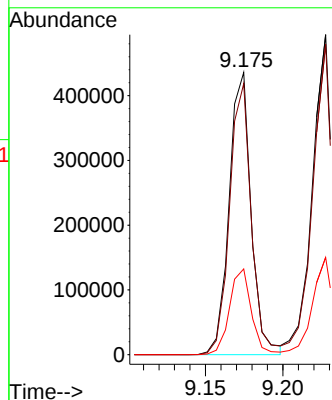
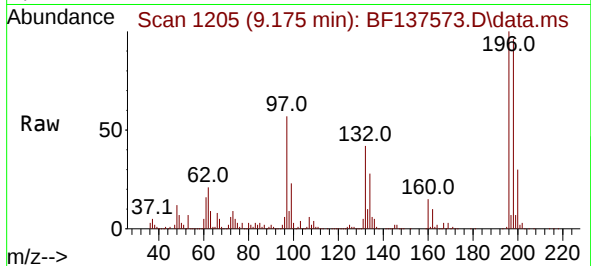
198 96.0 75.8 113.8

200 30.4 23.5 35.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#44

2,4,5-Trichlorophenol

Concen: 44.631 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.018 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

Tgt Ion:196 Resp: 460006

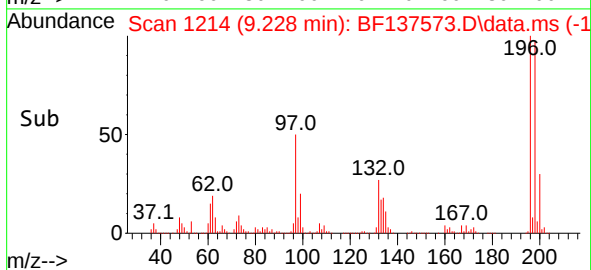
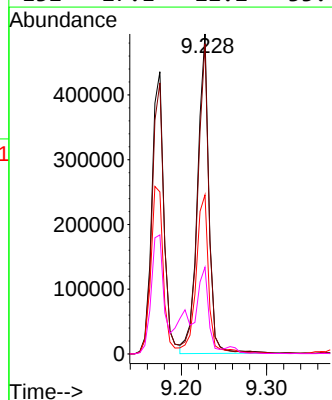
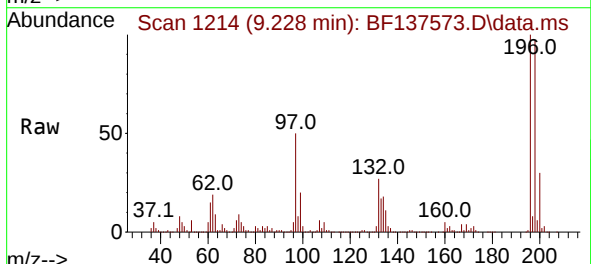
Ion Ratio Lower Upper

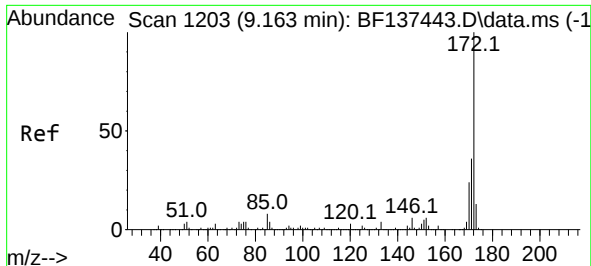
196 100

198 96.9 78.6 117.8

97 49.7 41.8 62.8

132 27.1 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 81.789 ng

RT: 9.257 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB159549BS

Tgt Ion:172 Resp: 257142

Ion Ratio Lower Upper

172 100

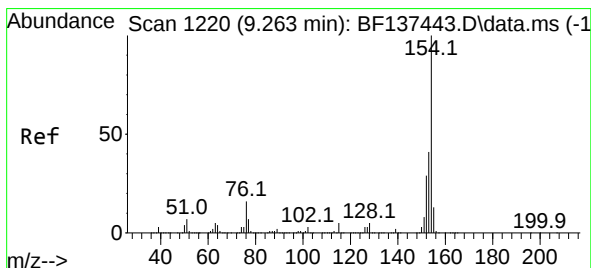
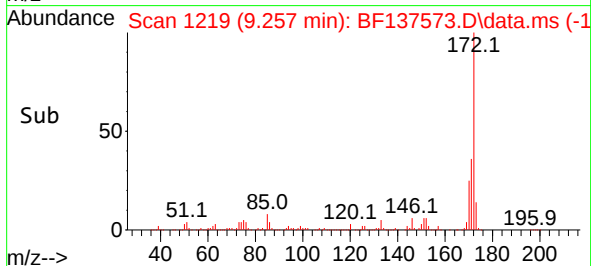
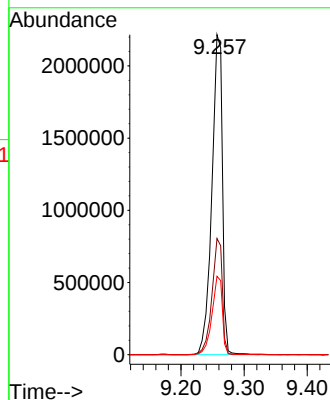
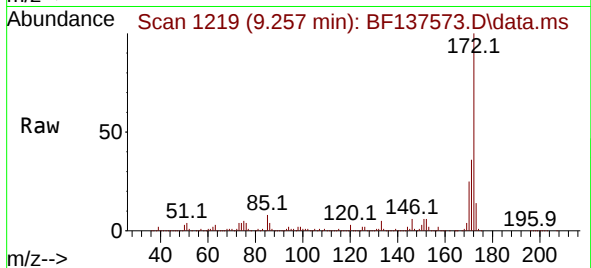
171 36.3 28.5 42.7

170 24.5 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#46

1,1'-Biphenyl

Concen: 43.970 ng

RT: 9.357 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

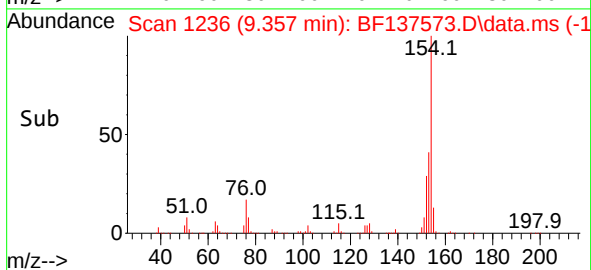
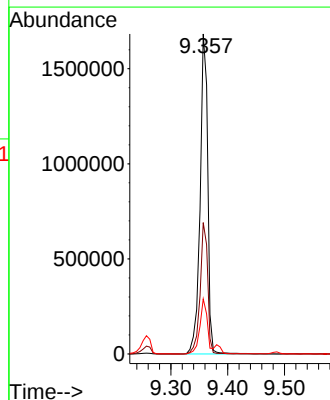
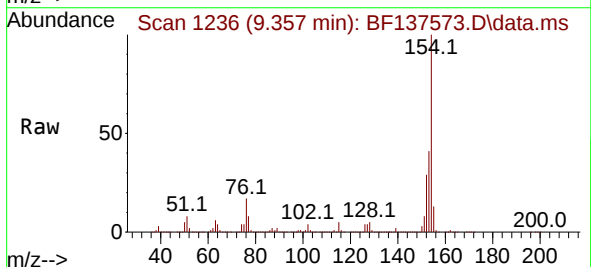
Tgt Ion:154 Resp: 1583841

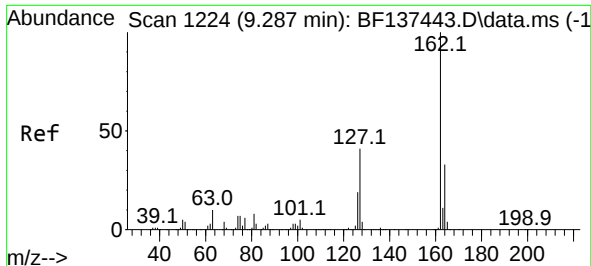
Ion Ratio Lower Upper

154 100

153 41.0 21.0 61.0

76 17.2 0.0 35.8





#47

2-Chloronaphthalene

Concen: 46.444 ng

RT: 9.381 min Scan# 1240

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB159549BS

Tgt Ion:162 Resp: 127550

Ion Ratio Lower Upper

162 100

127 42.1 32.6 49.0

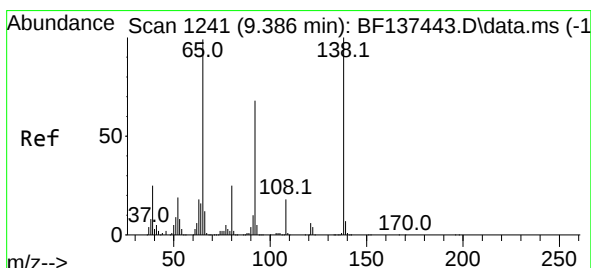
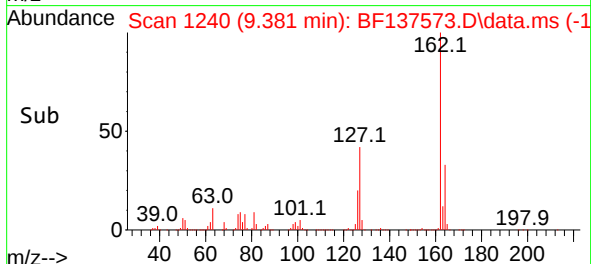
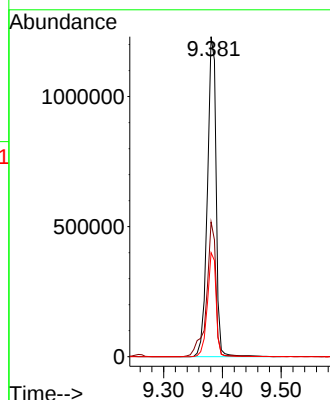
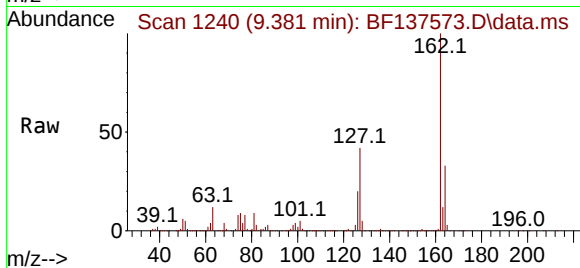
164 32.5 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024

Supervised By :mohammad ahmed 03/15/2024



#48

2-Nitroaniline

Concen: 49.098 ng

RT: 9.486 min Scan# 1258

Delta R.T. 0.006 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

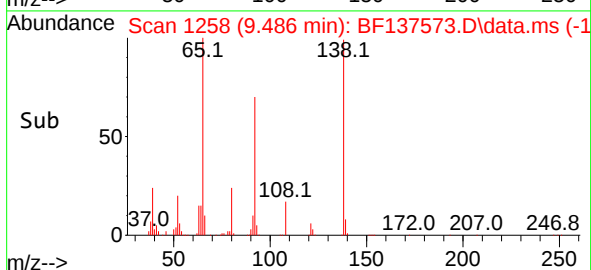
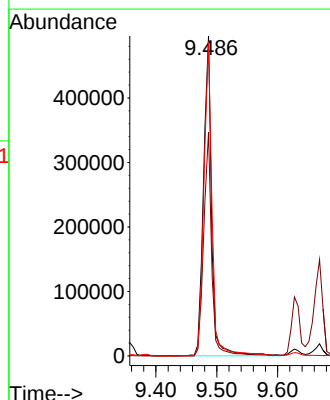
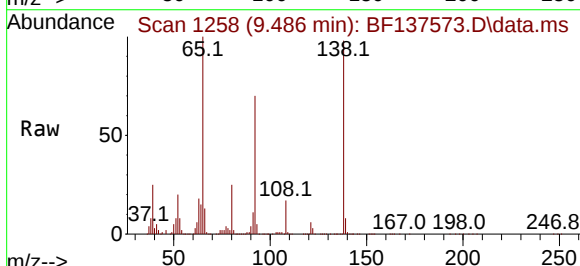
Tgt Ion: 65 Resp: 458301

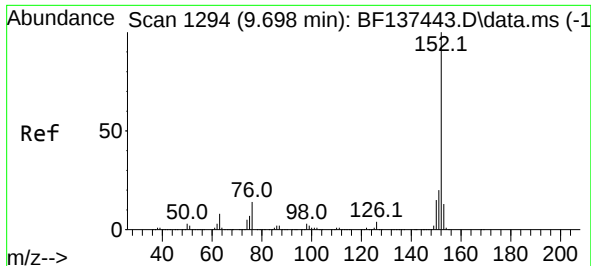
Ion Ratio Lower Upper

65 100

92 69.8 55.4 83.2

138 98.2 81.0 121.6





#49

Acenaphthylene

Concen: 44.867 ng

RT: 9.798 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB159549BS

Tgt Ion:152 Resp: 1971924

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

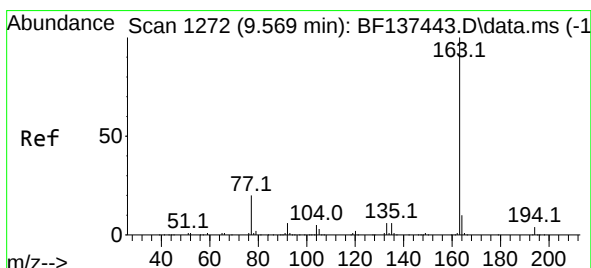
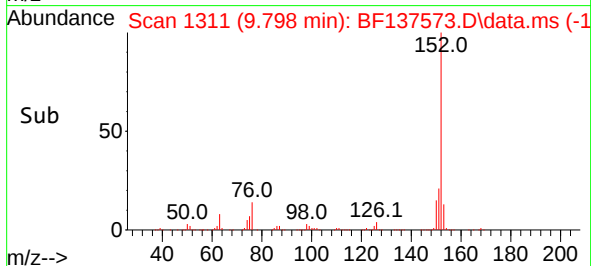
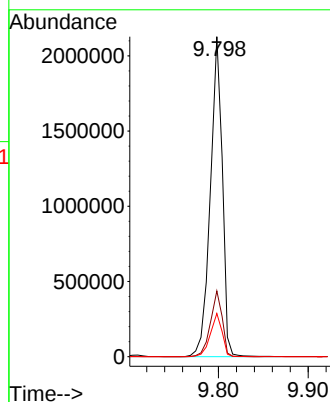
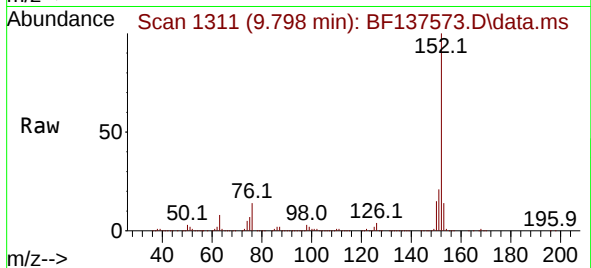
153 13.5 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024

Supervised By :mohammad ahmed 03/15/2024



#50

Dimethylphthalate

Concen: 45.965 ng

RT: 9.669 min Scan# 1289

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

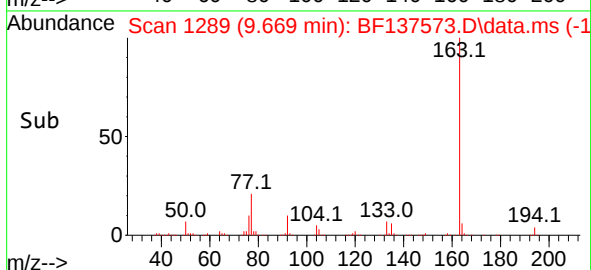
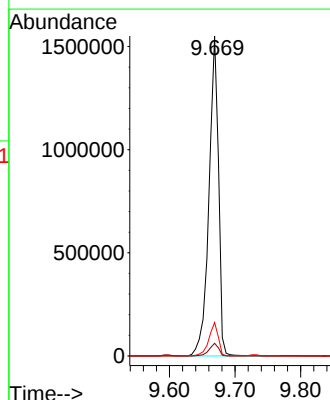
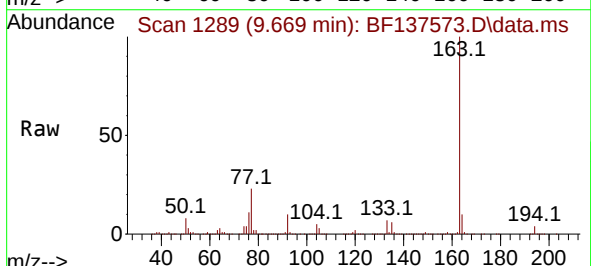
Tgt Ion:163 Resp: 1574726

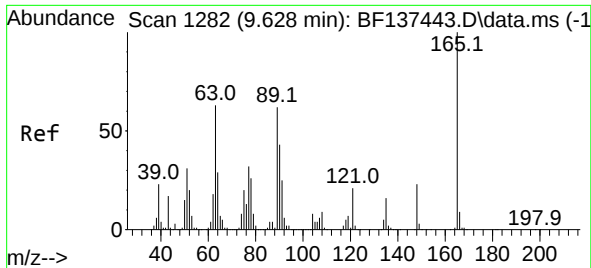
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.5 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 48.211 ng
RT: 9.728 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Instrument :

BNA_F

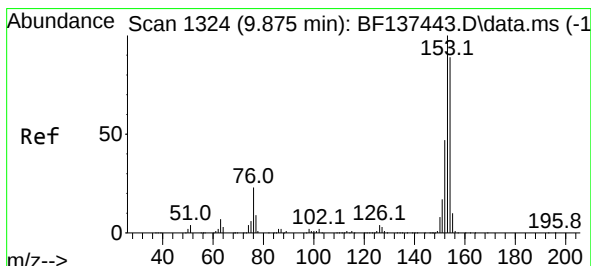
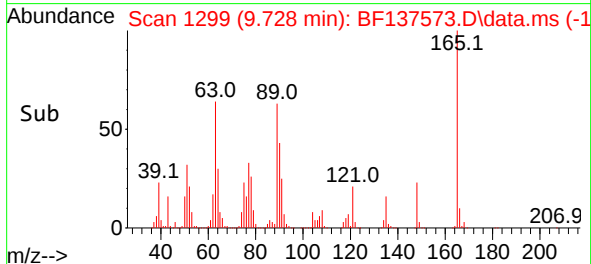
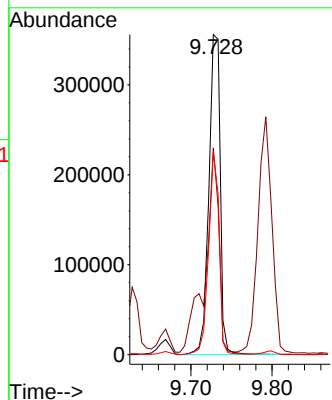
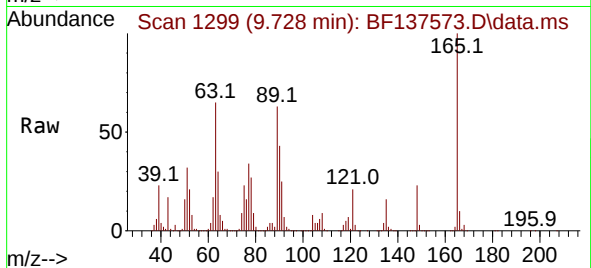
ClientSampleId :

PB159549BS

Tgt Ion:165 Resp: 34546
Ion Ratio Lower Upper
165 100
63 64.7 50.7 76.1
89 63.4 50.0 75.0

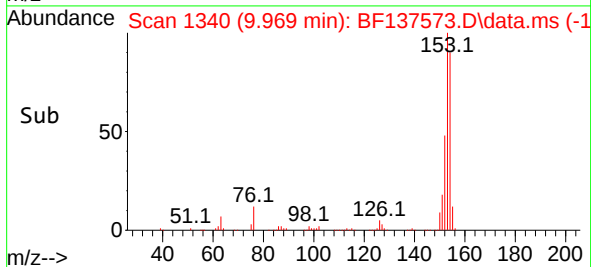
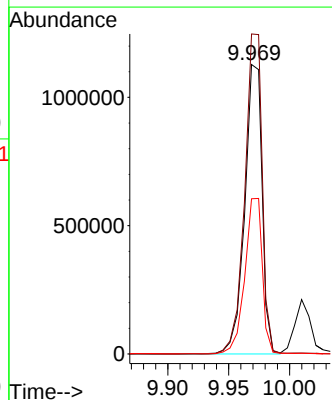
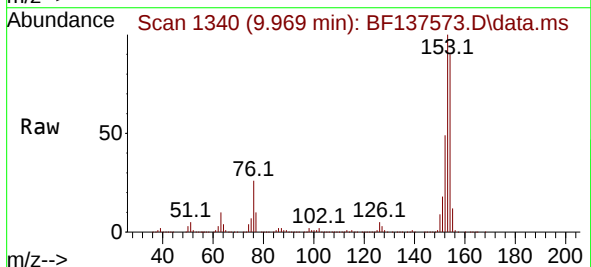
Manual Integrations
APPROVED

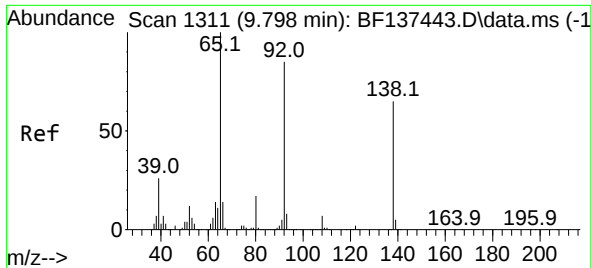
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#52
Acenaphthene
Concen: 42.855 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Tgt Ion:154 Resp: 1124465
Ion Ratio Lower Upper
154 100
153 110.5 90.3 135.5
152 53.6 42.7 64.1





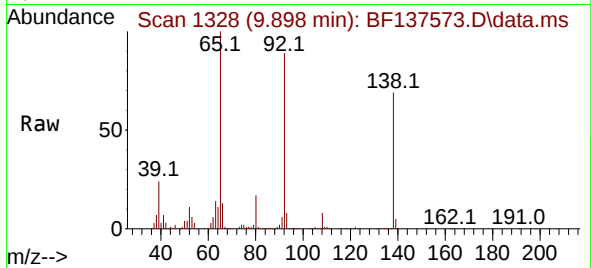
#53
3-Nitroaniline
Concen: 33.472 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB159549BS

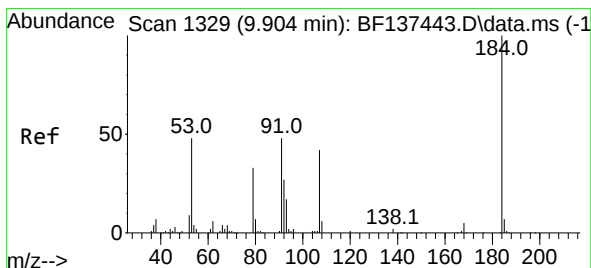
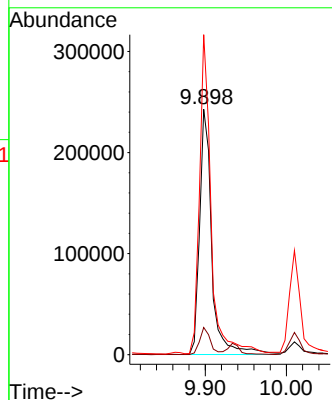
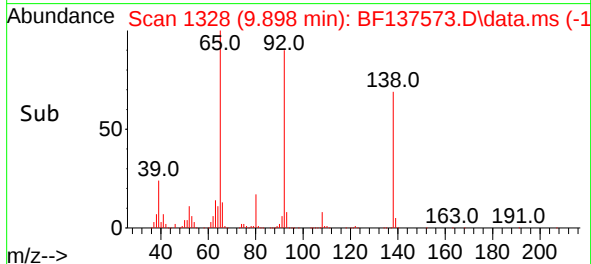


Tgt Ion:138 Resp: 253699
Ion Ratio Lower Upper
138 100
108 11.1 9.1 13.7
92 130.4 104.6 157.0

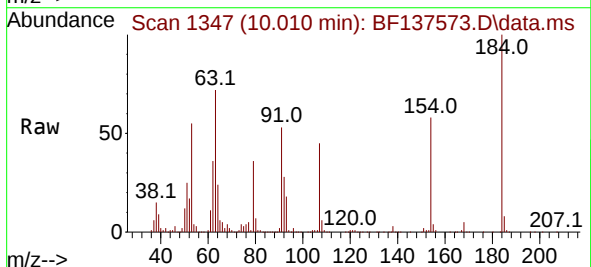
Manual Integrations

APPROVED

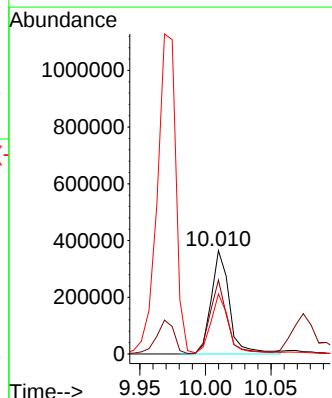
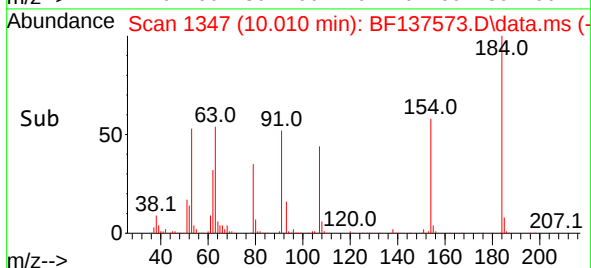
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

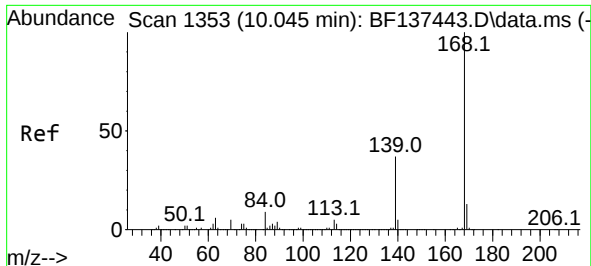


#54
2,4-Dinitrophenol
Concen: 99.137 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28



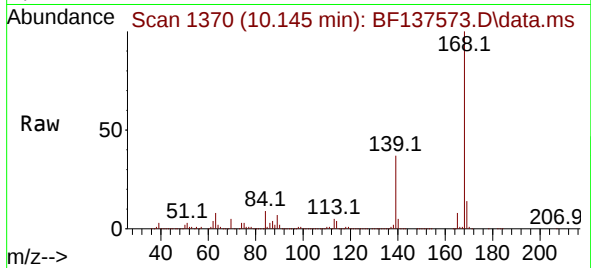
Tgt Ion:184 Resp: 354151
Ion Ratio Lower Upper
184 100
63 71.6 53.3 79.9
154 58.1 47.4 71.0





#55
Dibenzenofuran
Concen: 41.913 ng
RT: 10.145 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

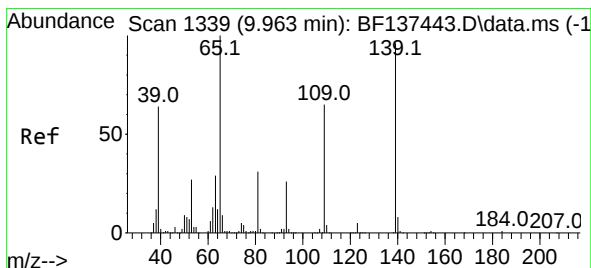
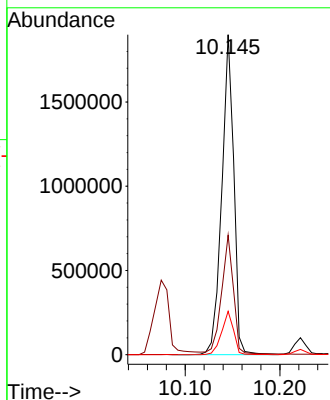
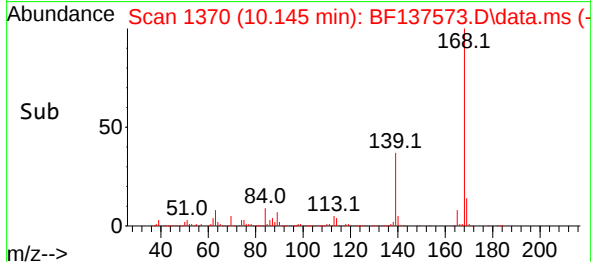
Instrument :
BNA_F
ClientSampleId :
PB159549BS



Tgt Ion:168 Resp: 1674984
Ion Ratio Lower Upper
168 100
139 37.4 29.8 44.6
169 13.5 10.8 16.2

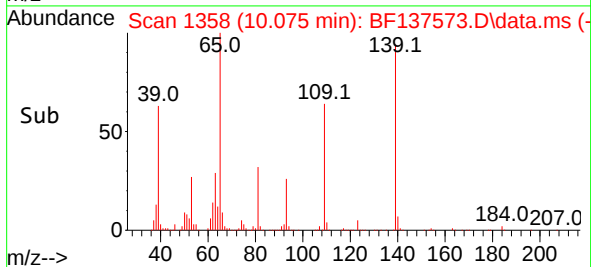
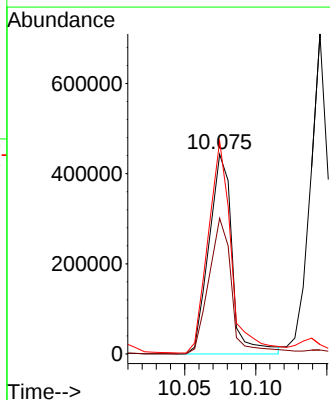
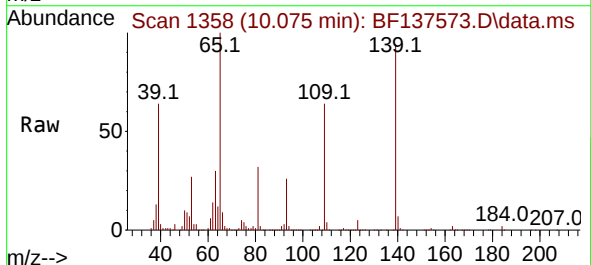
Manual Integrations
APPROVED

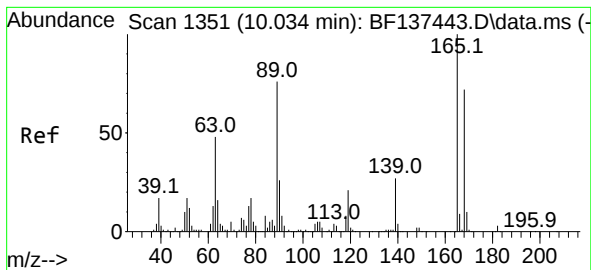
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#56
4-Nitrophenol
Concen: 92.349 ng
RT: 10.075 min Scan# 1358
Delta R.T. 0.012 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Tgt Ion:139 Resp: 501978
Ion Ratio Lower Upper
139 100
109 67.9 47.1 87.1
65 106.5 85.1 125.1





#57
2,4-Dinitrotoluene
Concen: 47.883 ng
RT: 10.139 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Instrument :

BNA_F

ClientSampleId :

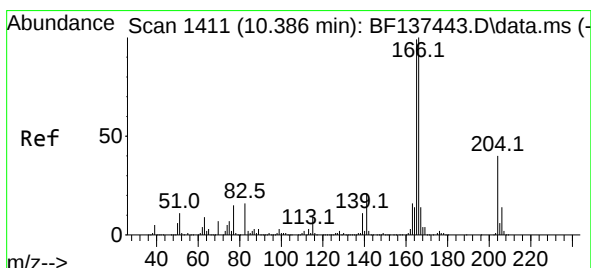
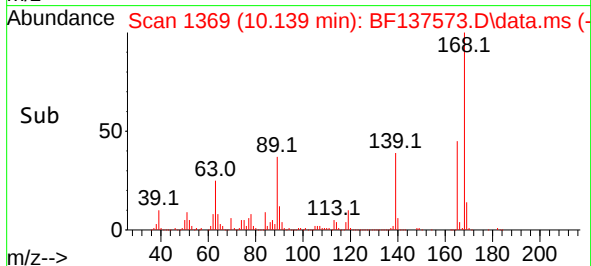
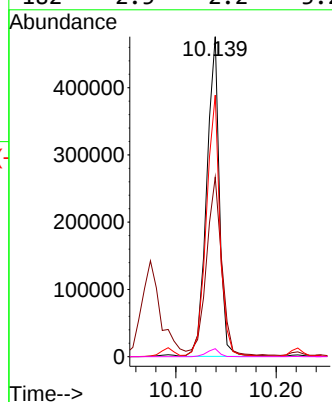
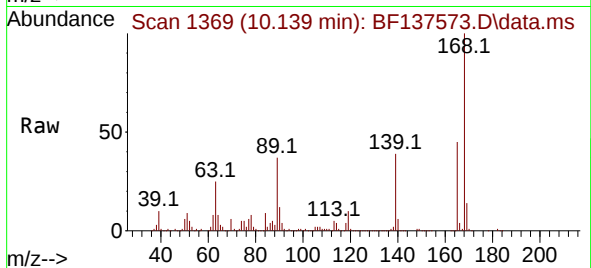
PB159549BS

Tgt Ion:165 Resp: 42154
Ion Ratio Lower Upper
165 100
63 56.1 39.0 58.6
89 81.7 60.9 91.3
182 2.5 2.2 3.2

Manual Integrations

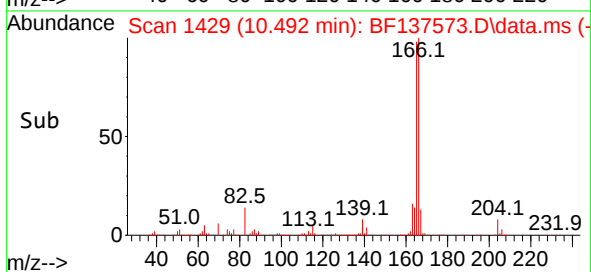
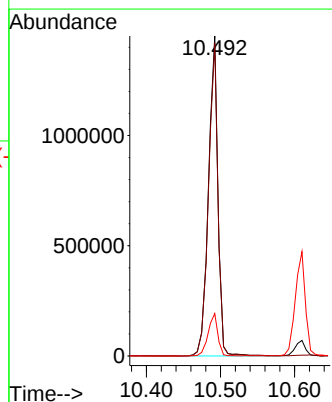
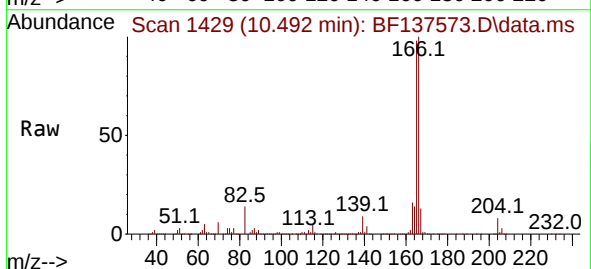
APPROVED

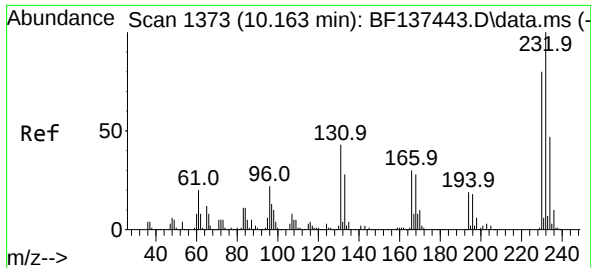
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#58
Fluorene
Concen: 42.001 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

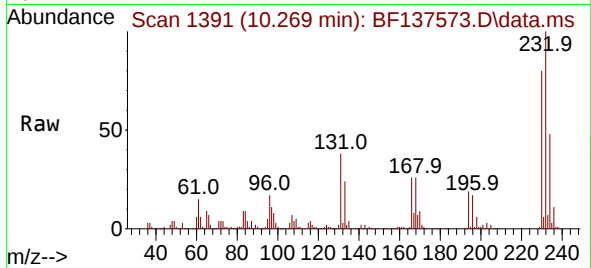
Tgt Ion:166 Resp: 1289067
Ion Ratio Lower Upper
166 100
165 97.7 79.2 118.8
167 13.2 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.861 ng m
RT: 10.269 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

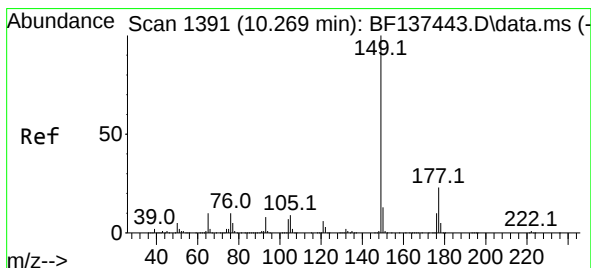
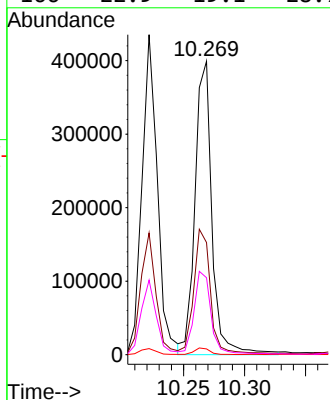
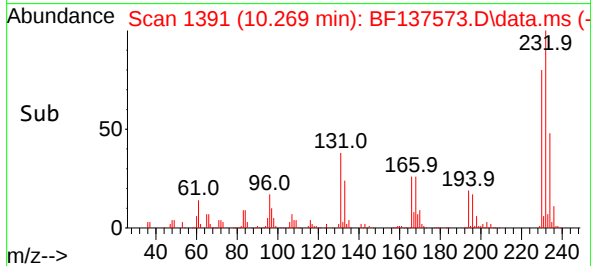
Instrument :
BNA_F
ClientSampleId :
PB159549BS



Tgt Ion:232 Resp: 38731
Ion Ratio Lower Upper
232 100
131 37.5 31.2 46.8
130 2.1 1.8 2.6
166 22.9 19.1 28.7

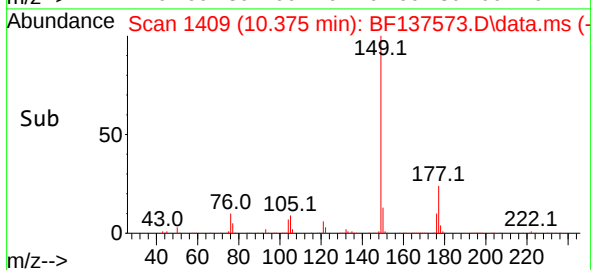
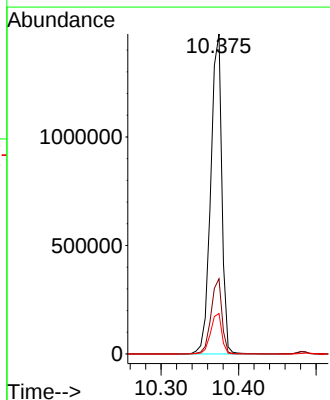
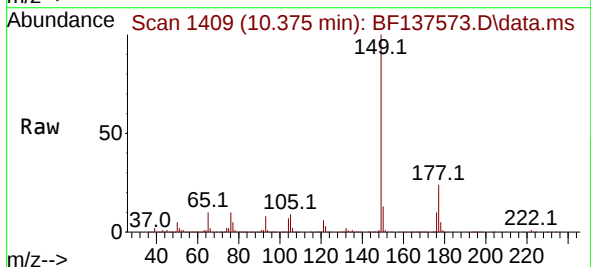
Manual Integrations
APPROVED

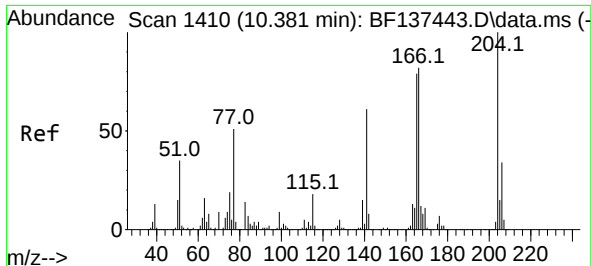
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#60
Diethylphthalate
Concen: 45.325 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Tgt Ion:149 Resp: 1466342
Ion Ratio Lower Upper
149 100
177 23.5 18.7 28.1
150 12.7 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 42.189 ng
RT: 10.480 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Instrument :

BNA_F

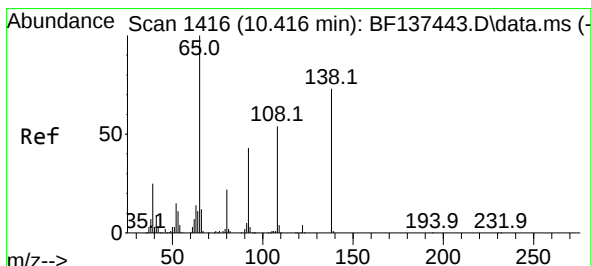
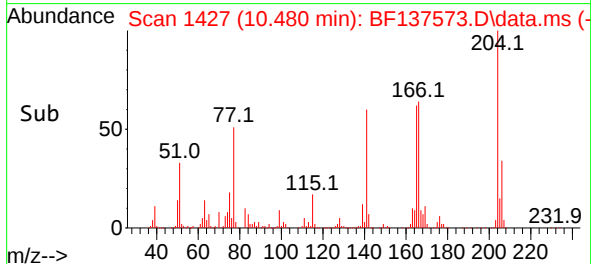
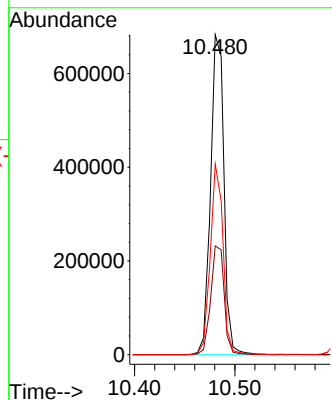
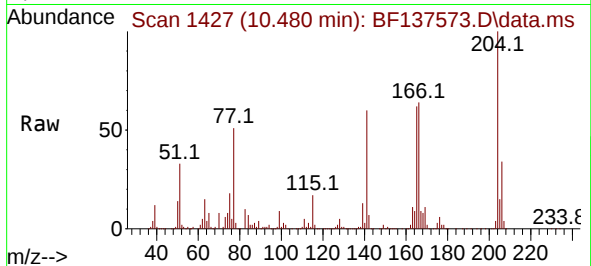
ClientSampleId :

PB159549BS

Tgt Ion:204 Resp: 634592
Ion Ratio Lower Upper
204 100
206 34.0 27.4 41.0
141 59.6 48.4 72.6

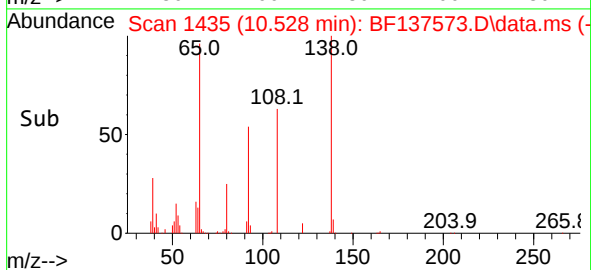
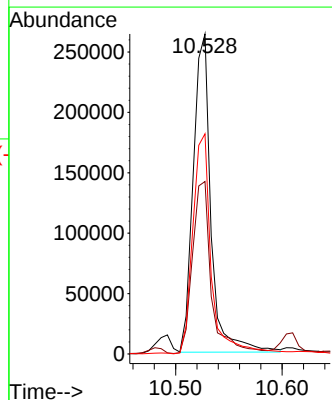
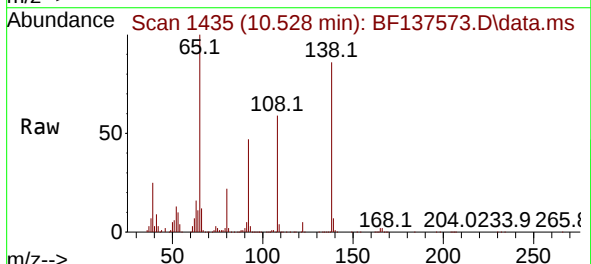
Manual Integrations
APPROVED

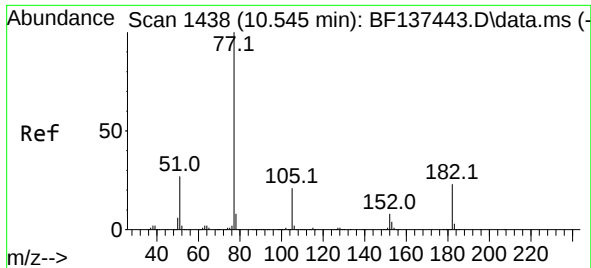
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#62
4-Nitroaniline
Concen: 46.769 ng
RT: 10.528 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

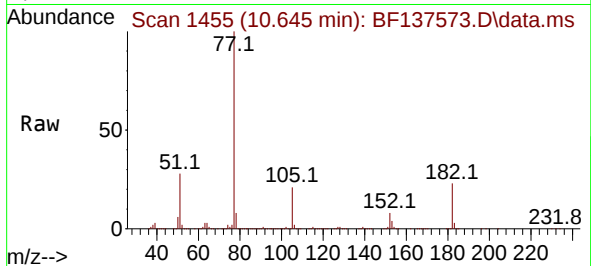
Tgt Ion:138 Resp: 304673
Ion Ratio Lower Upper
138 100
92 53.9 37.9 77.9
108 68.8 53.2 93.2





#63
Azobenzene
Concen: 43.156 ng
RT: 10.645 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

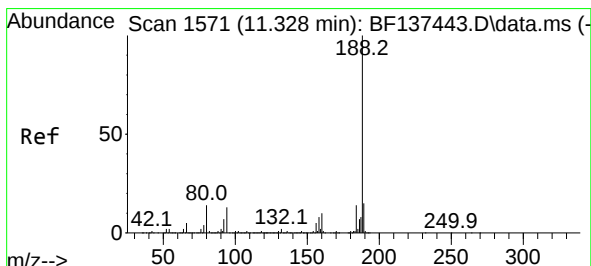
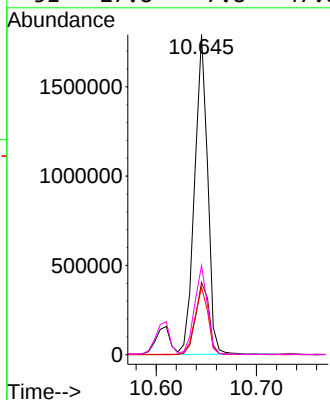
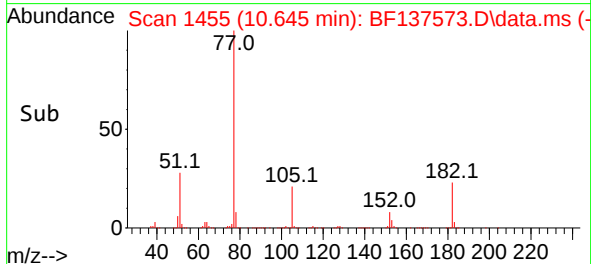
Instrument :
BNA_F
ClientSampleId :
PB159549BS



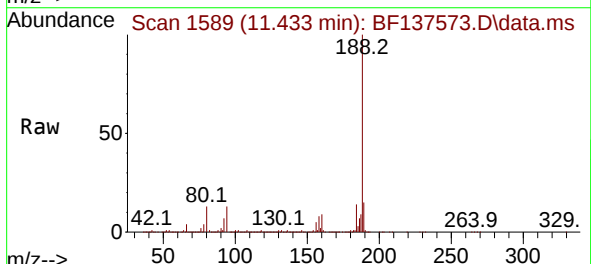
Tgt Ion: 77 Resp: 1607689
Ion Ratio Lower Upper
77 100
182 22.6 3.2 43.2
105 21.0 1.2 41.2
51 27.8 7.8 47.8

Manual Integrations
APPROVED

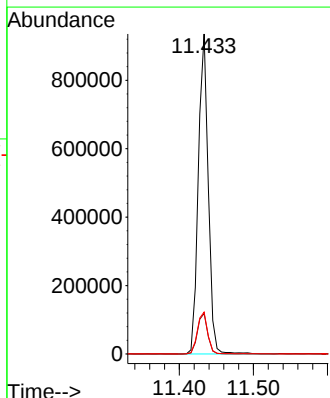
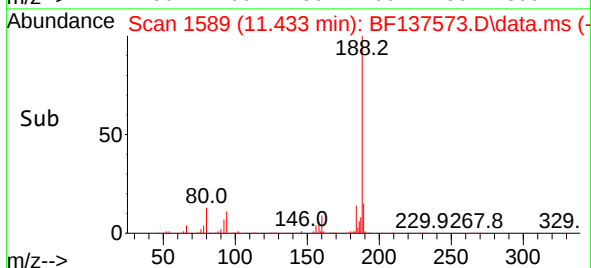
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

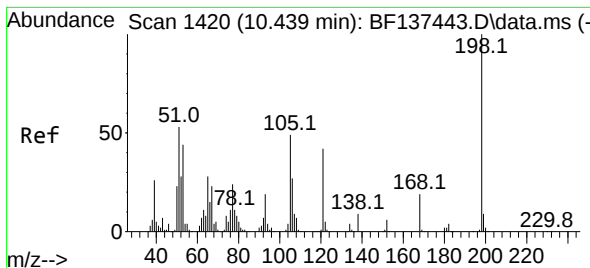


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28



Tgt Ion:188 Resp: 872067
Ion Ratio Lower Upper
188 100
94 12.6 10.6 15.8
80 13.1 11.5 17.3





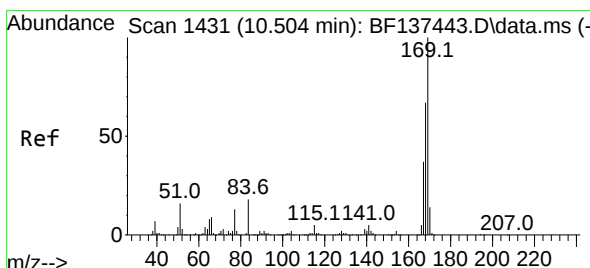
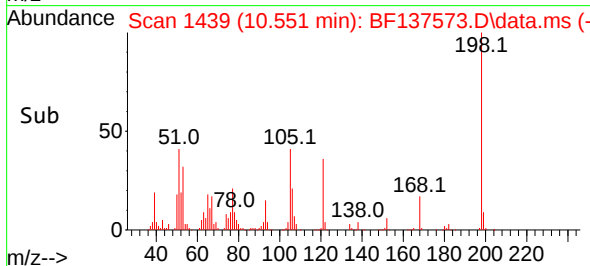
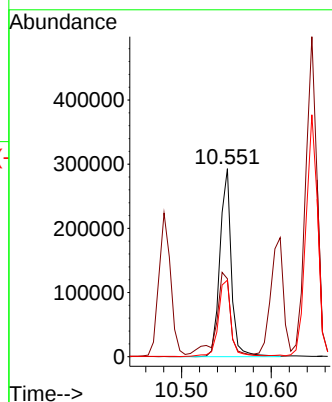
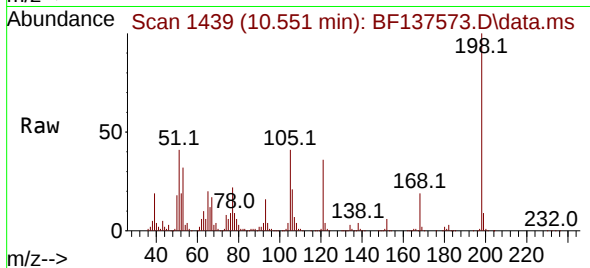
#65
4,6-Dinitro-2-methylphenol
Concen: 53.143 ng
RT: 10.551 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Instrument :
BNA_F
ClientSampleId :
PB159549BS

Tgt Ion:198 Resp: 258290
Ion Ratio Lower Upper
198 100
51 41.5 37.2 77.2
105 40.7 29.2 69.2

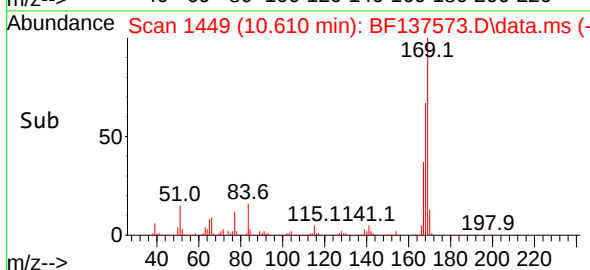
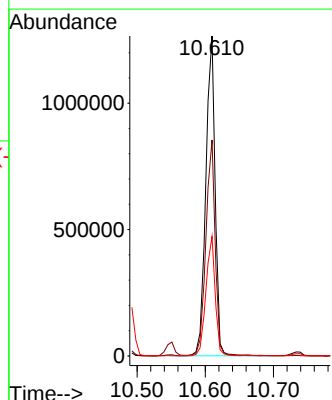
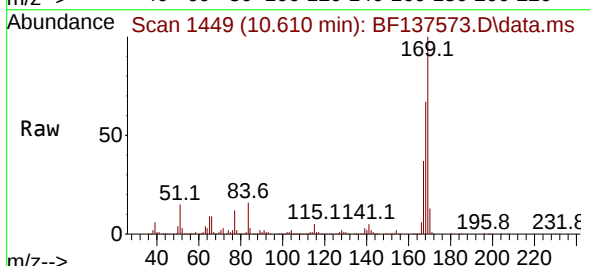
Manual Integrations
APPROVED

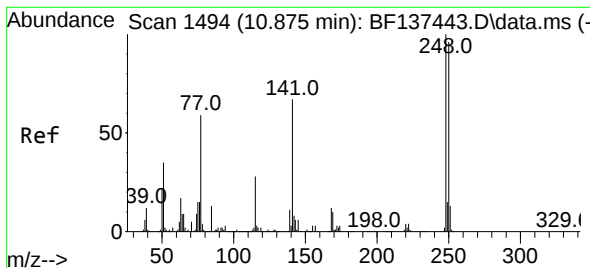
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#66
n-Nitrosodiphenylamine
Concen: 42.919 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

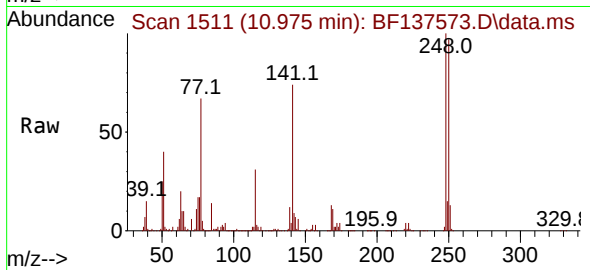
Tgt Ion:169 Resp: 1205240
Ion Ratio Lower Upper
169 100
168 67.5 53.8 80.6
167 37.4 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 44.623 ng
RT: 10.975 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

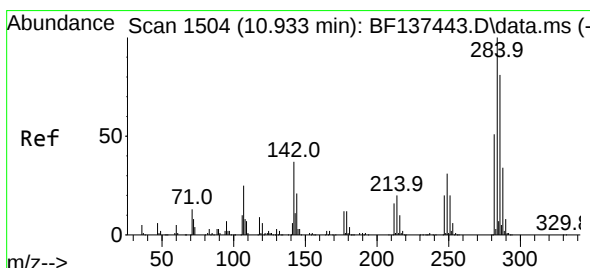
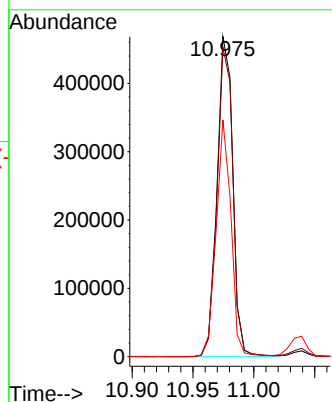
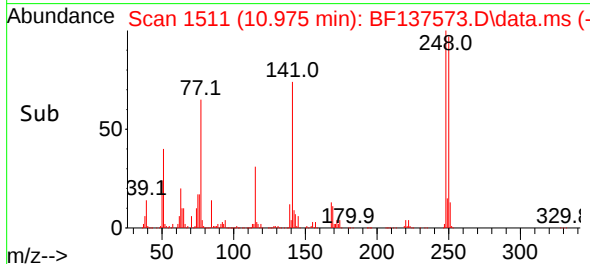
Instrument :
BNA_F
ClientSampleId :
PB159549BS



Tgt Ion:248 Resp: 42384
Ion Ratio Lower Upper
248 100
250 96.7 76.8 115.2
141 74.0 53.4 80.0

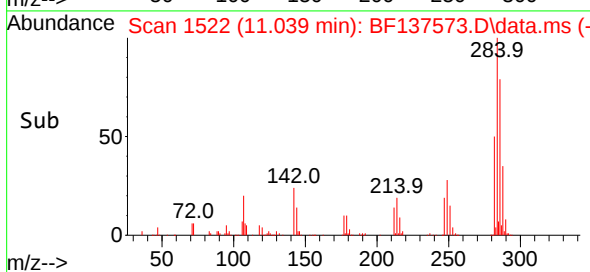
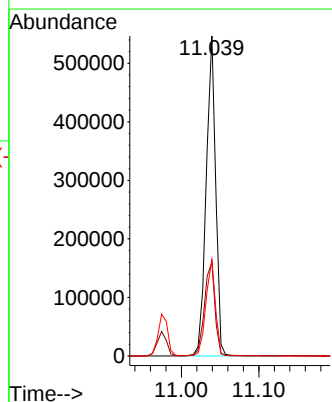
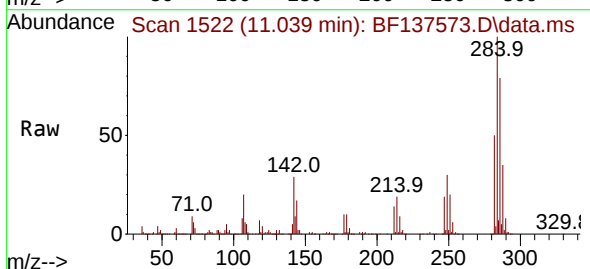
Manual Integrations
APPROVED

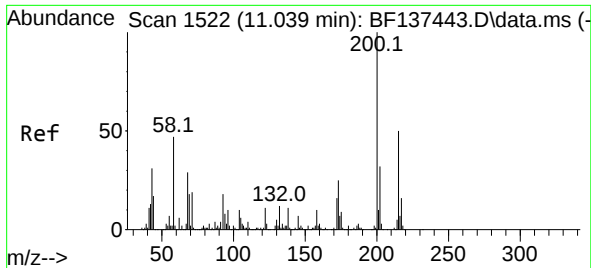
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#68
Hexachlorobenzene
Concen: 48.523 ng
RT: 11.039 min Scan# 1522
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Tgt Ion:284 Resp: 465501
Ion Ratio Lower Upper
284 100
142 29.3 29.4 44.0#
249 30.1 25.0 37.4





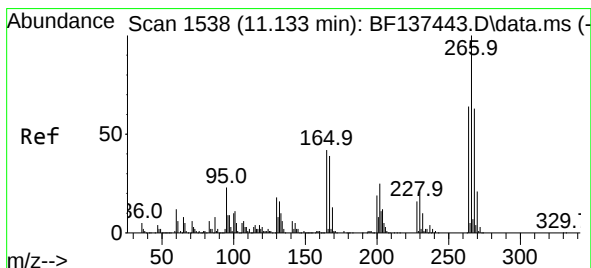
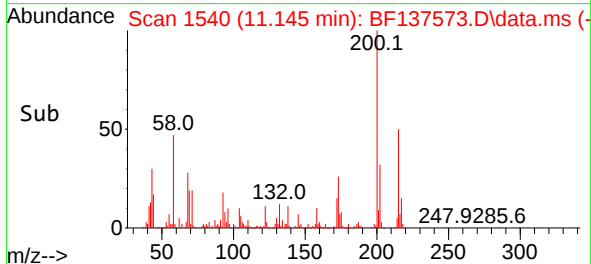
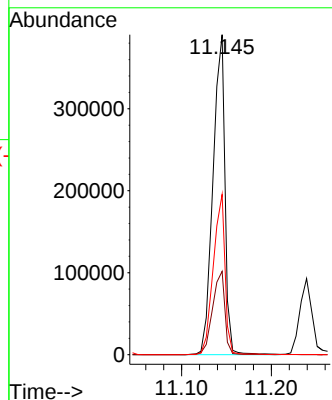
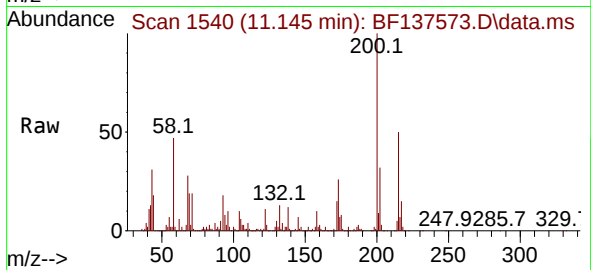
#69
Atrazine
Concen: 42.385 ng
RT: 11.145 min Scan# 1156
Delta R.T. 0.006 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Instrument :
BNA_F
ClientSampleId :
PB159549BS

Tgt Ion:200 Resp: 36183
Ion Ratio Lower Upper
200 100
173 26.1 5.1 45.1
215 50.1 30.4 70.4

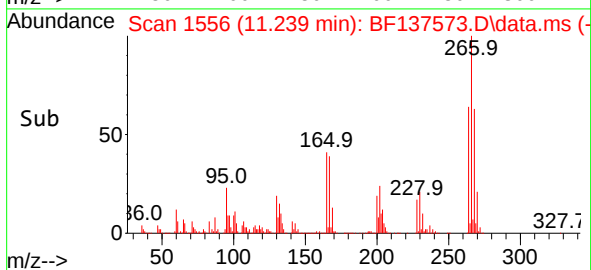
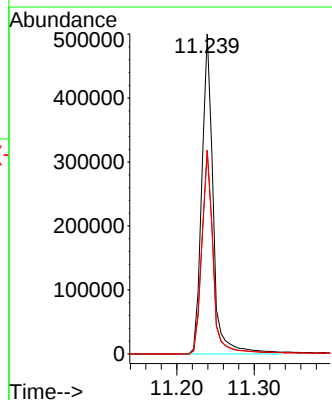
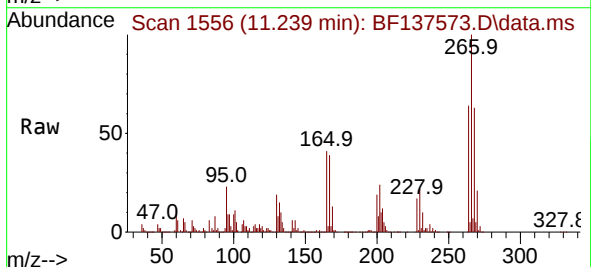
Manual Integrations
APPROVED

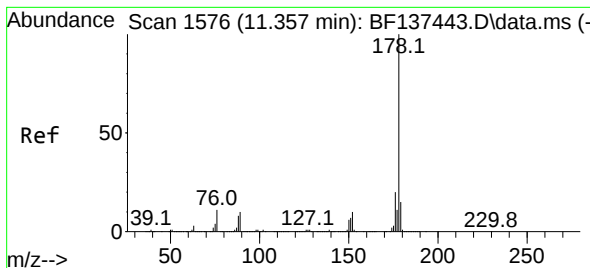
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#70
Pentachlorophenol
Concen: 87.616 ng
RT: 11.239 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Tgt Ion:266 Resp: 508126
Ion Ratio Lower Upper
266 100
268 63.5 50.2 75.2
264 63.8 50.9 76.3





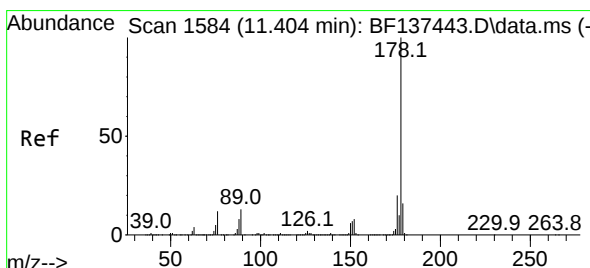
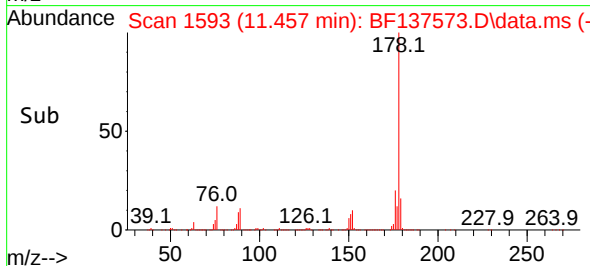
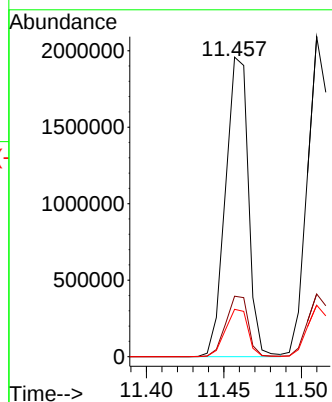
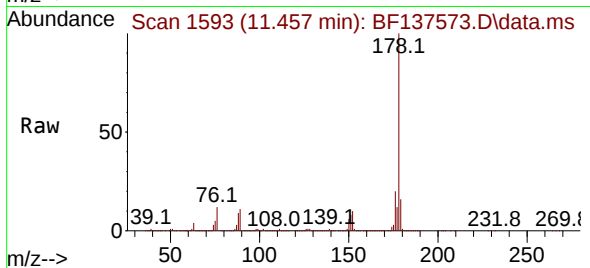
#71
Phenanthrene
Concen: 42.408 ng
RT: 11.457 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Instrument :
BNA_F
ClientSampleId :
PB159549BS

Tgt Ion:178 Resp: 201267
Ion Ratio Lower Upper
178 100
176 20.2 15.8 23.8
179 15.8 12.2 18.2

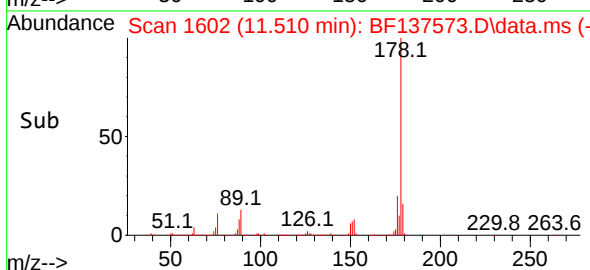
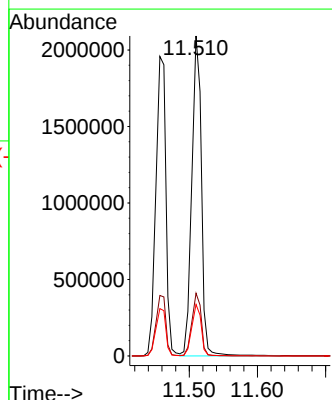
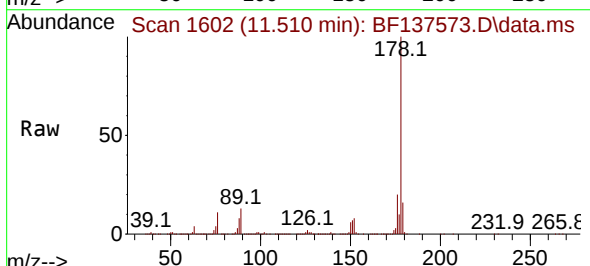
Manual Integrations
APPROVED

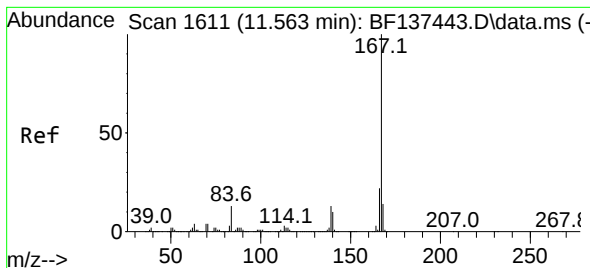
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#72
Anthracene
Concen: 41.980 ng
RT: 11.510 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Tgt Ion:178 Resp: 2046251
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 16.1 12.7 19.1





#73

Carbazole

Concen: 44.110 ng

RT: 11.669 min Scan# 1629

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB159549BS

Tgt Ion:167 Resp: 184171

Ion Ratio Lower Upper

167 100

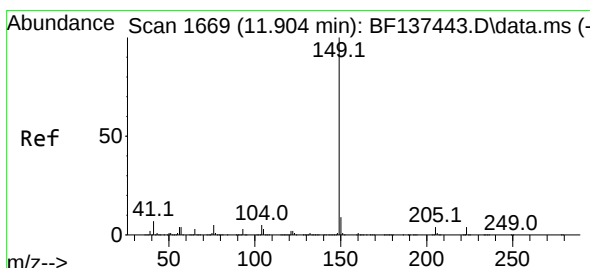
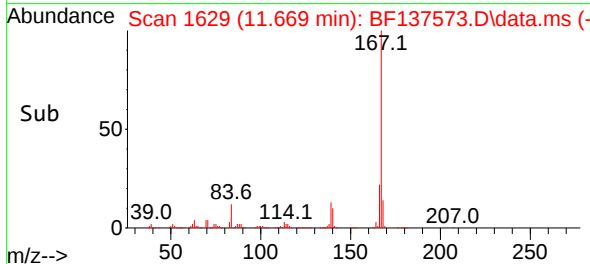
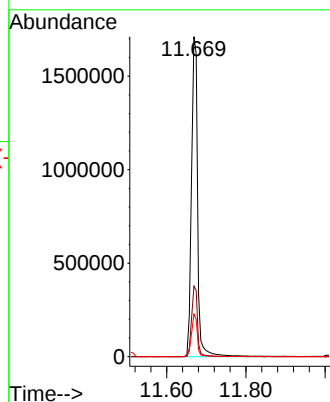
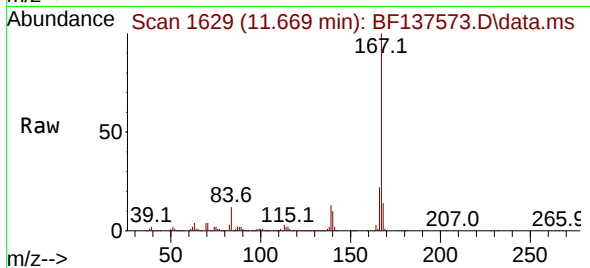
166 22.0 17.8 26.8

139 13.3 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#74

Di-n-butylphthalate

Concen: 45.374 ng

RT: 12.010 min Scan# 1687

Delta R.T. 0.006 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

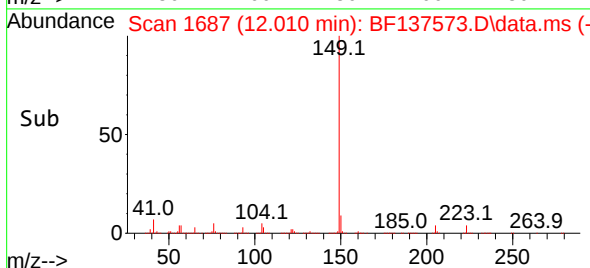
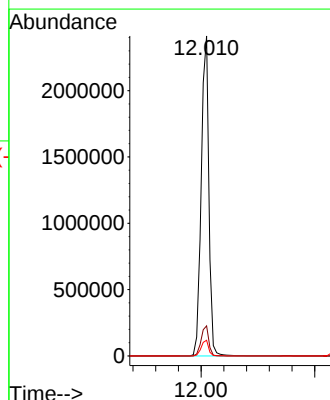
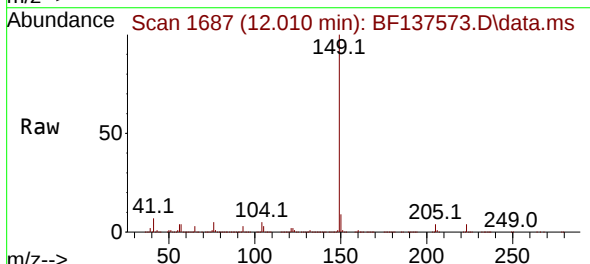
Tgt Ion:149 Resp: 2254002

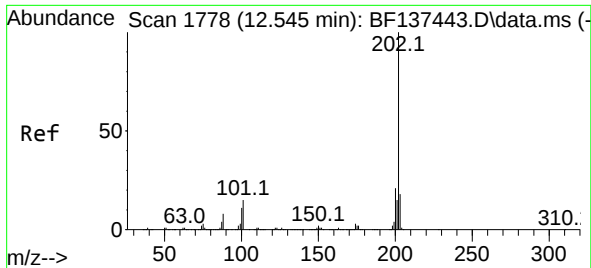
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

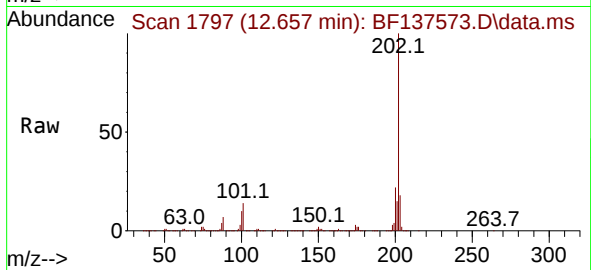
104 4.9 3.8 5.6





#75
Fluoranthene
Concen: 43.453 ng
RT: 12.657 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

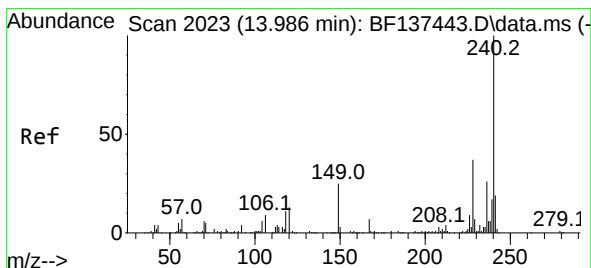
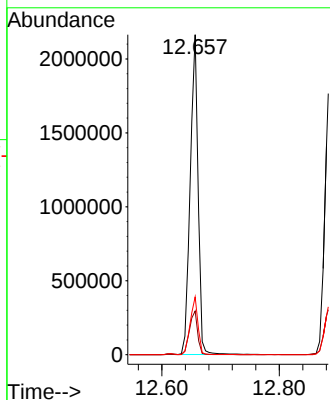
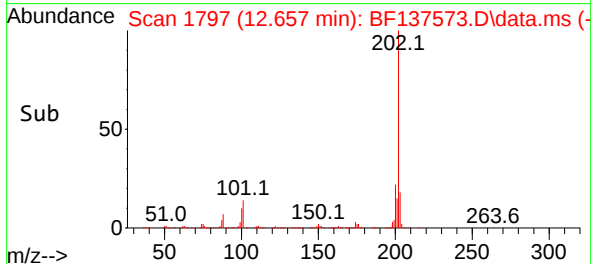
Instrument :
BNA_F
ClientSampleId :
PB159549BS



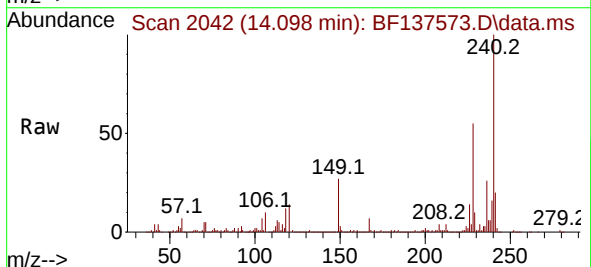
Tgt Ion:202 Resp: 2015828
Ion Ratio Lower Upper
202 100
101 13.7 0.0 35.0
203 18.1 0.0 37.7

Manual Integrations
APPROVED

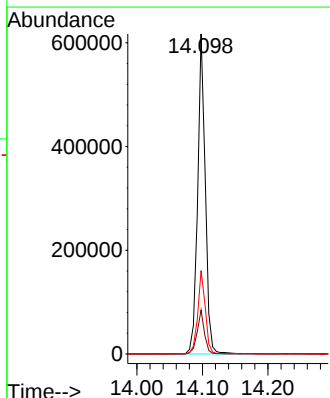
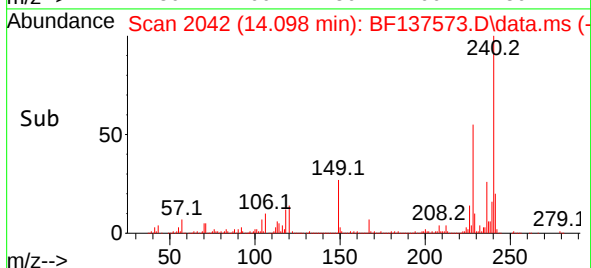
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

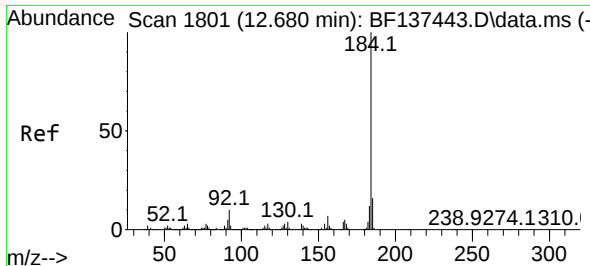


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2042
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28



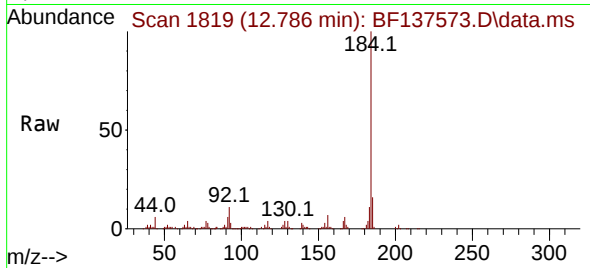
Tgt Ion:240 Resp: 503230
Ion Ratio Lower Upper
240 100
120 13.7 10.4 15.6
236 26.1 20.9 31.3





#77
Benzidine
Concen: 11.207 ng
RT: 12.786 min Scan# 1836
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

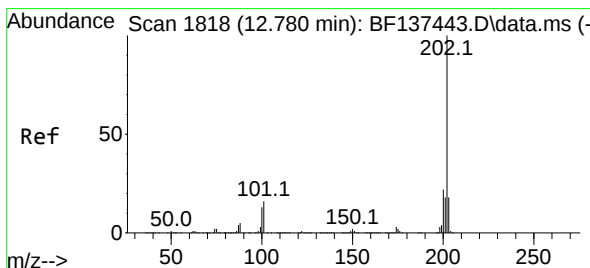
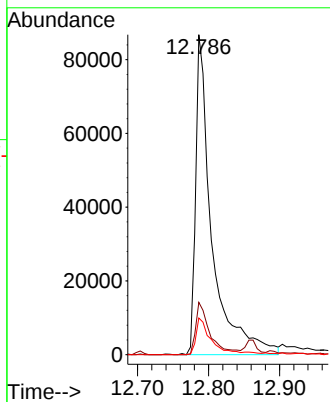
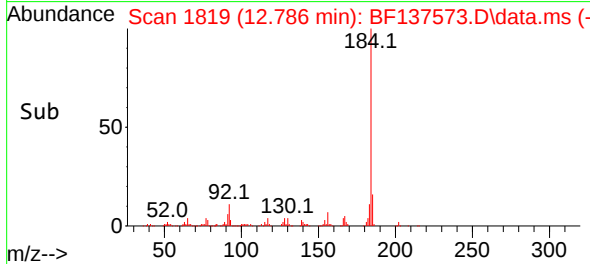
Instrument :
BNA_F
ClientSampleId :
PB159549BS



Tgt Ion:184 Resp: 13801
Ion Ratio Lower Upper
184 100
185 16.3 13.2 19.8
183 11.5 9.3 13.9

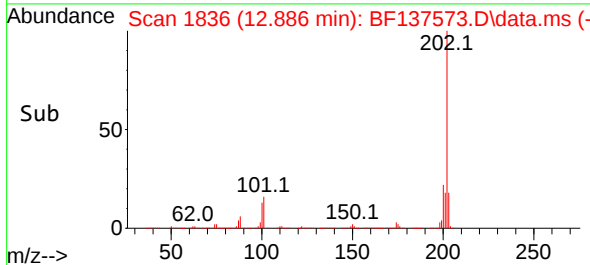
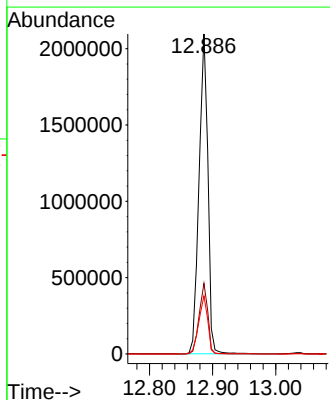
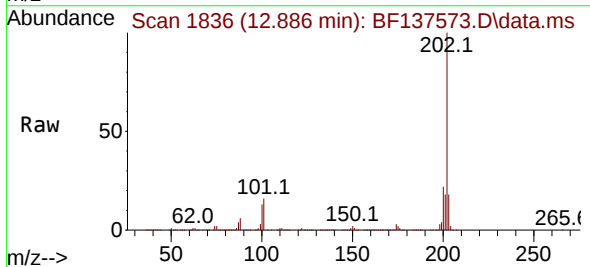
Manual Integrations
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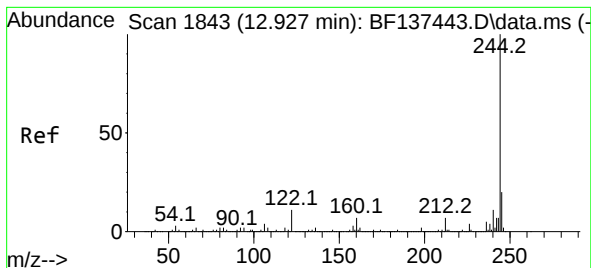
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#78
Pyrene
Concen: 41.375 ng
RT: 12.886 min Scan# 1836
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Tgt Ion:202 Resp: 2043037
Ion Ratio Lower Upper
202 100
200 22.0 17.4 26.2
203 18.2 14.1 21.1





#79

Terphenyl-d14

Concen: 80.430 ng

RT: 13.039 min Scan# 1862

Delta R.T. 0.000 min

Lab File: BF137573.D

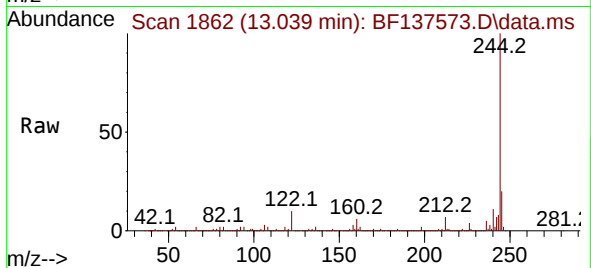
Acq: 13 Mar 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB159549BS



Tgt Ion:244 Resp: 2943380

Ion Ratio Lower Upper

244 100

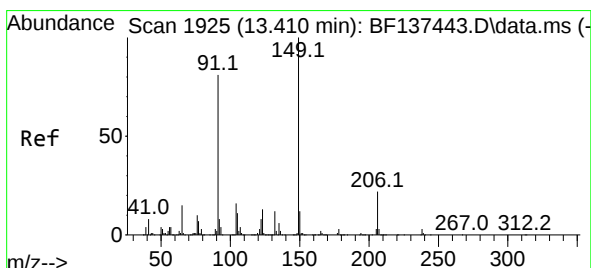
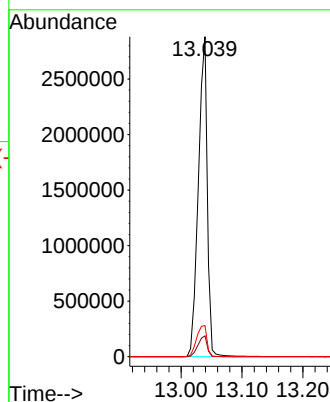
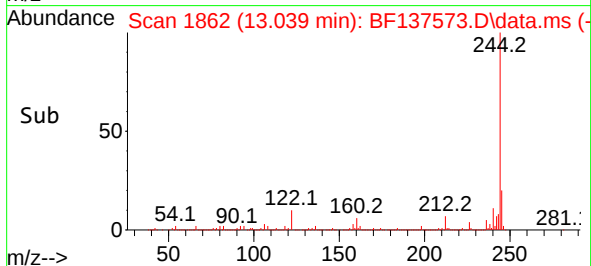
212 6.5 5.4 8.2

122 9.7 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#80

Butylbenzylphthalate

Concen: 61.223 ng

RT: 13.521 min Scan# 1944

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

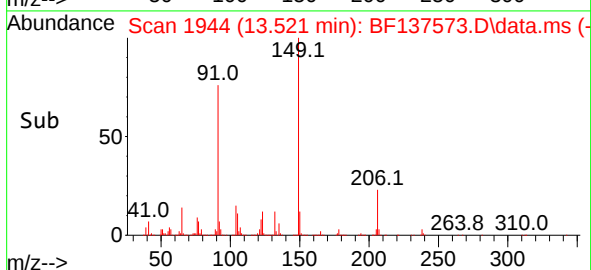
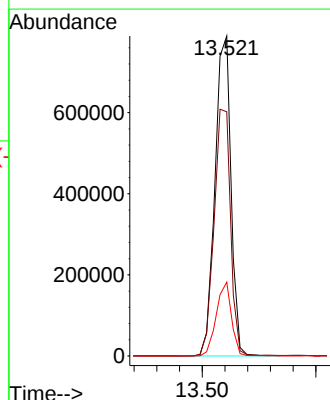
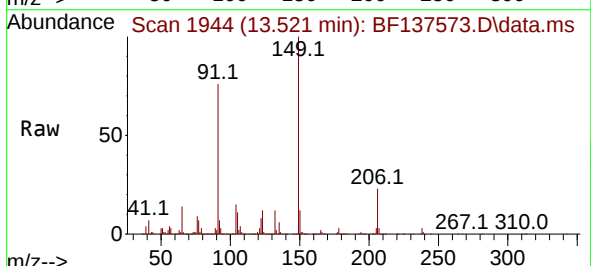
Tgt Ion:149 Resp: 772051

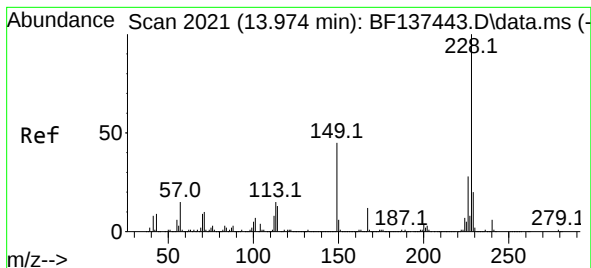
Ion Ratio Lower Upper

149 100

91 76.3 64.7 97.1

206 23.1 17.5 26.3





#81

Benzo(a)anthracene

Concen: 43.257 ng

RT: 14.086 min Scan# 2040

Delta R.T. 0.000 min

Lab File: BF137573.D

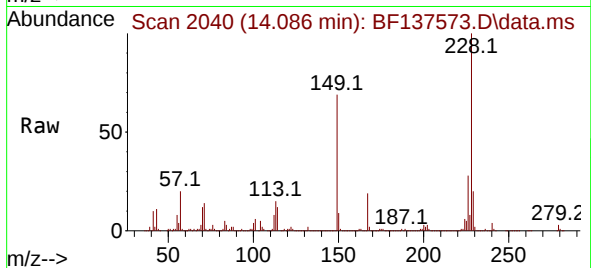
Acq: 13 Mar 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB159549BS



Tgt Ion:228 Resp: 1525709

Ion Ratio Lower Upper

228 100

226 27.6 22.3 33.5

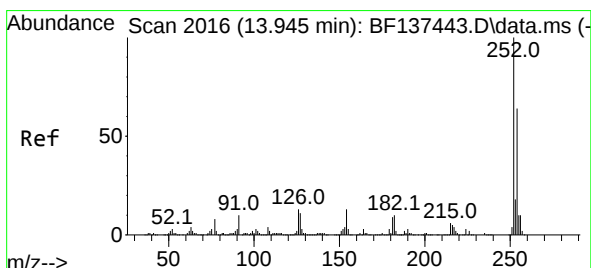
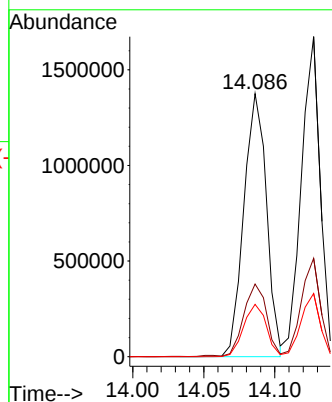
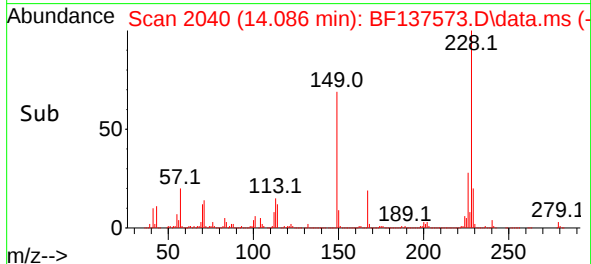
229 19.9 16.3 24.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/14/2024

Supervised By :mohammad ahmed 03/15/2024



#82

3,3'-Dichlorobenzidine

Concen: 39.106 ng

RT: 14.057 min Scan# 2035

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

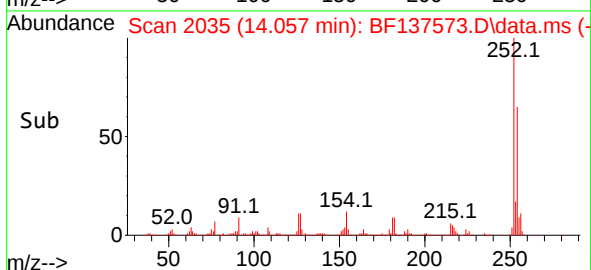
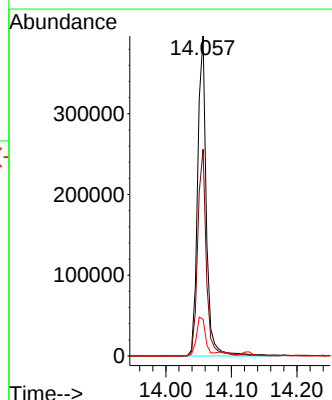
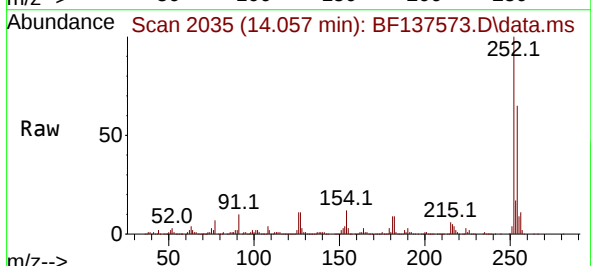
Tgt Ion:252 Resp: 367307

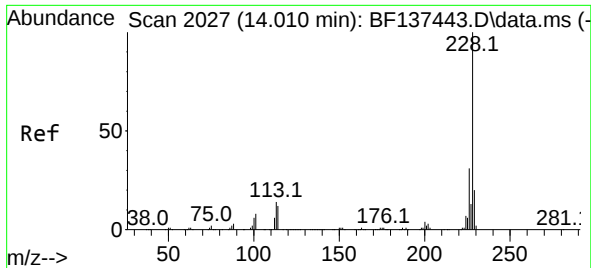
Ion Ratio Lower Upper

252 100

254 64.6 51.4 77.2

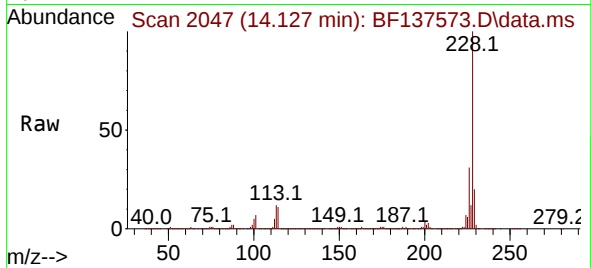
126 11.4 10.4 15.6





#83
Chrysene
Concen: 44.246 ng
RT: 14.127 min Scan# 2047
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

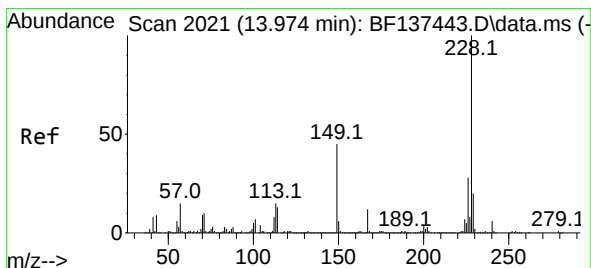
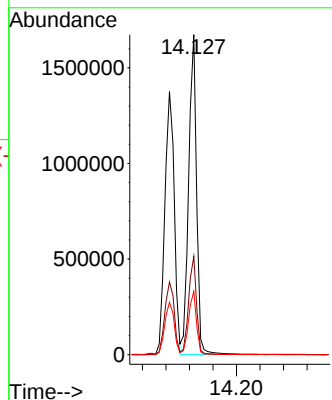
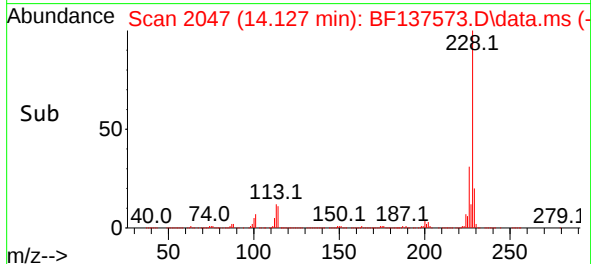
Instrument :
BNA_F
ClientSampleId :
PB159549BS



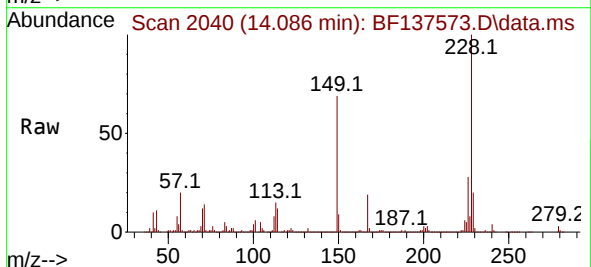
Tgt Ion:228 Resp: 157728
Ion Ratio Lower Upper
228 100
226 30.7 24.7 37.1
229 19.7 15.9 23.9

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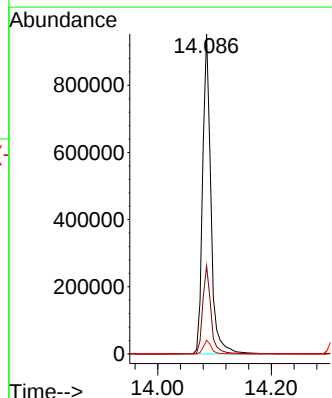
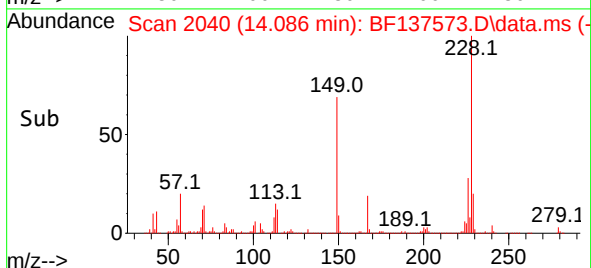
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

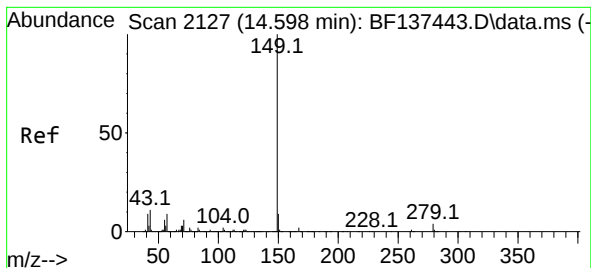


#84
Bis(2-ethylhexyl)phthalate
Concen: 60.101 ng
RT: 14.086 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28



Tgt Ion:149 Resp: 963319
Ion Ratio Lower Upper
149 100
167 27.5 21.3 31.9
279 4.3 2.6 4.0#





#85

Di-n-octyl phthalate

Concen: 54.531 ng

RT: 14.715 min Scan# 2127

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB159549BS

Tgt Ion:149 Resp: 1711200

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

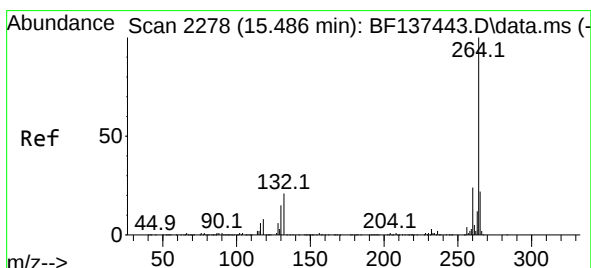
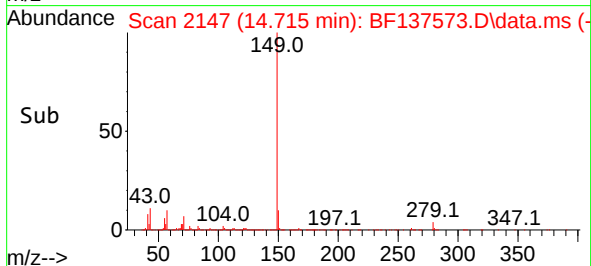
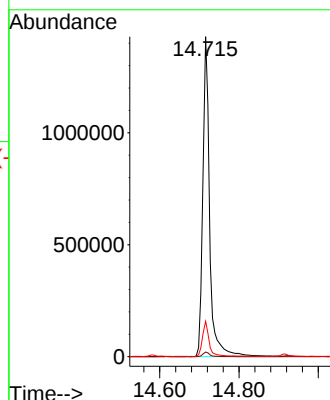
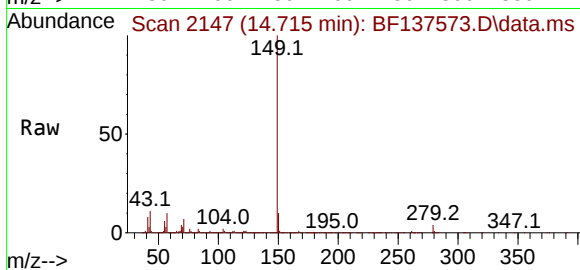
43 10.8 9.6 14.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/14/2024

Supervised By :mohammad ahmed 03/15/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.651 min Scan# 2306

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

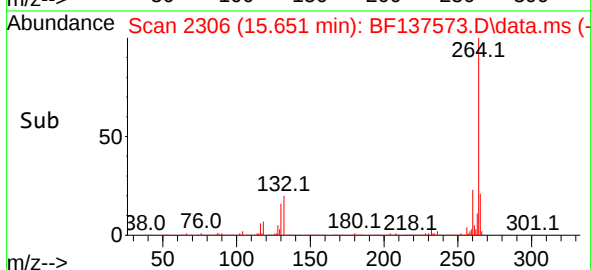
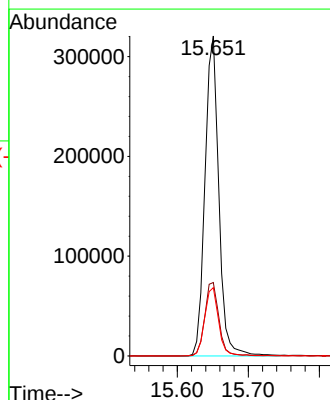
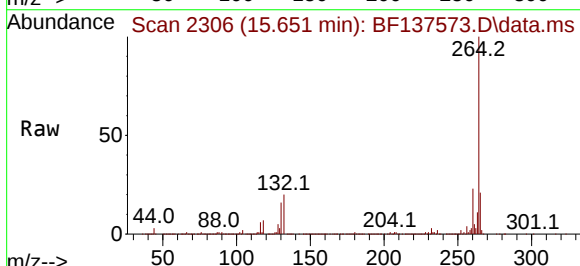
Tgt Ion:264 Resp: 435106

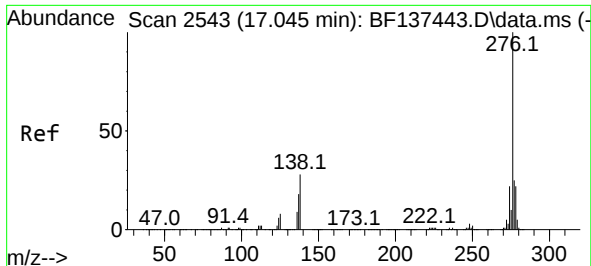
Ion Ratio Lower Upper

264 100

260 23.0 19.3 28.9

265 21.4 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.412 ng
RT: 17.292 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Instrument :

BNA_F

ClientSampleId :

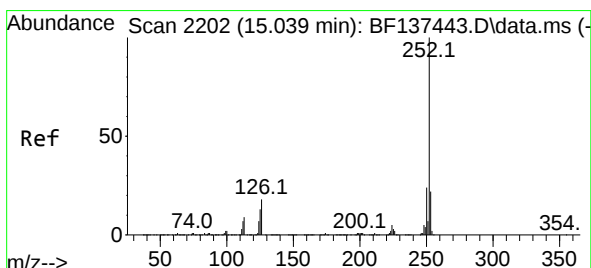
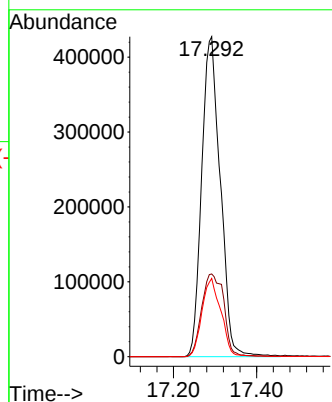
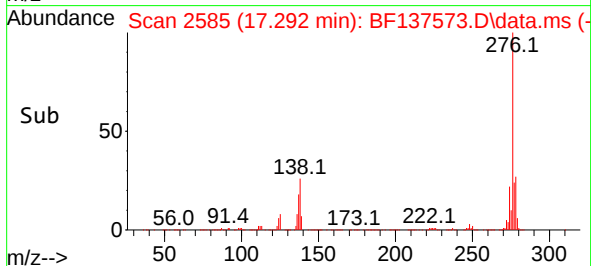
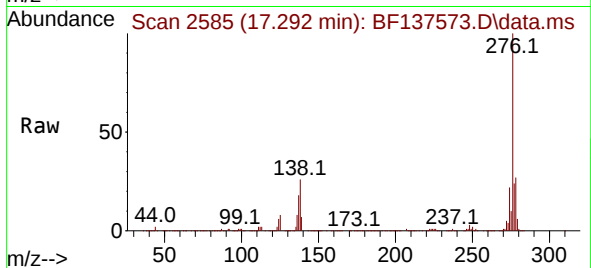
PB159549BS

Tgt Ion:276 Resp: 132891
Ion Ratio Lower Upper
276 100
138 30.6 25.8 38.8
277 24.9 20.2 30.2

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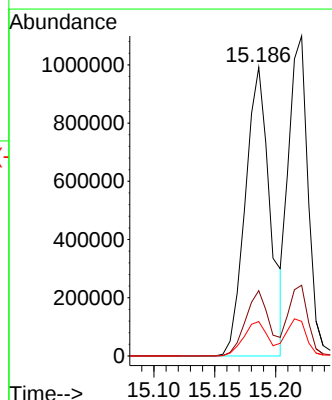
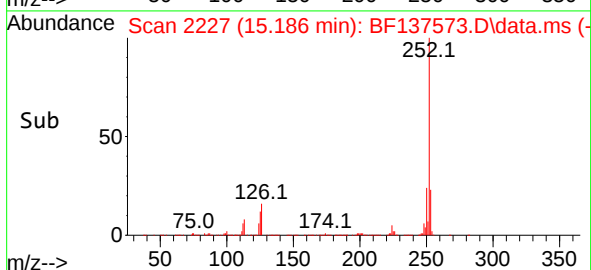
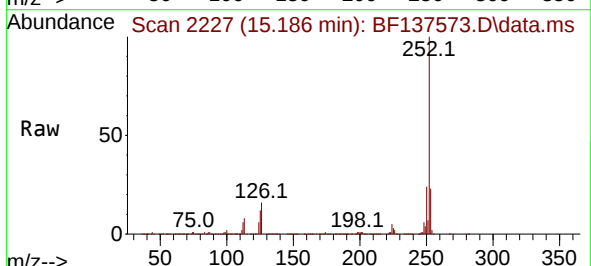
APPROVED

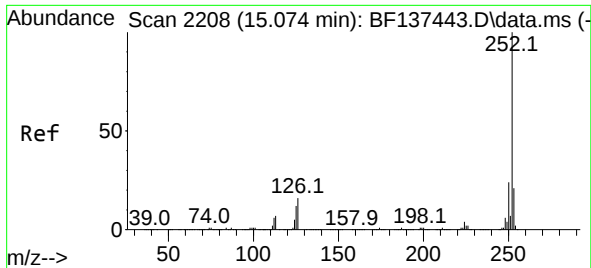
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#88
Benzo(b)fluoranthene
Concen: 54.337 ng
RT: 15.186 min Scan# 2227
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

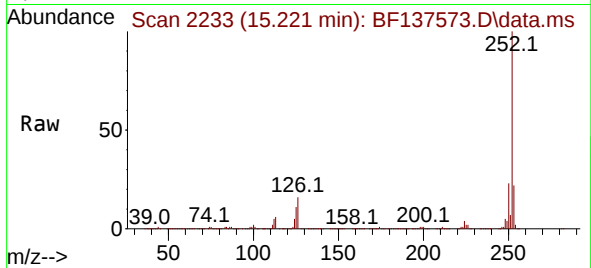
Tgt Ion:252 Resp: 1398550
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 11.9 10.1 15.1





#89
Benzo(k)fluoranthene
Concen: 44.810 ng
RT: 15.221 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

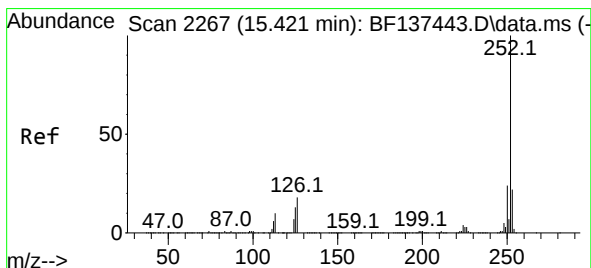
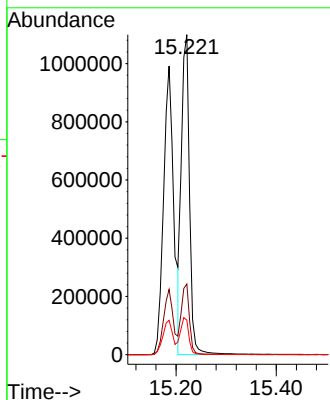
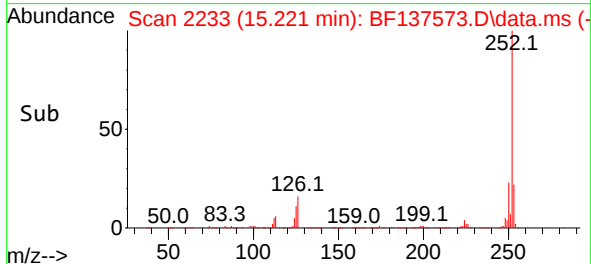
Instrument :
BNA_F
ClientSampleId :
PB159549BS



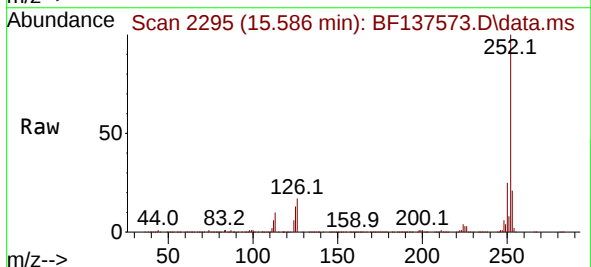
Tgt Ion:252 Resp: 1238790
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 10.8 9.6 14.4

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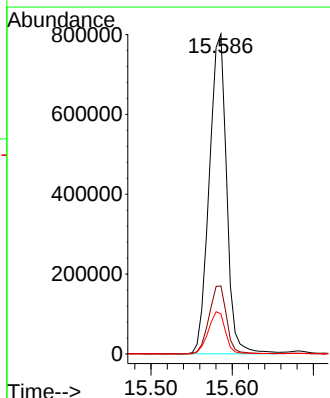
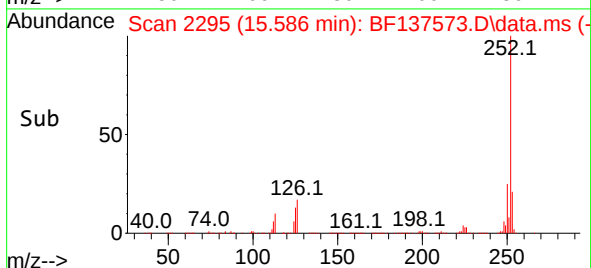
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

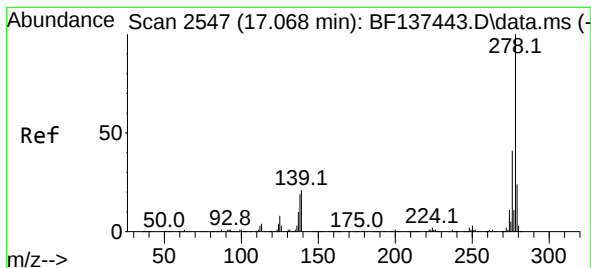


#90
Benzo(a)pyrene
Concen: 46.833 ng
RT: 15.586 min Scan# 2295
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28



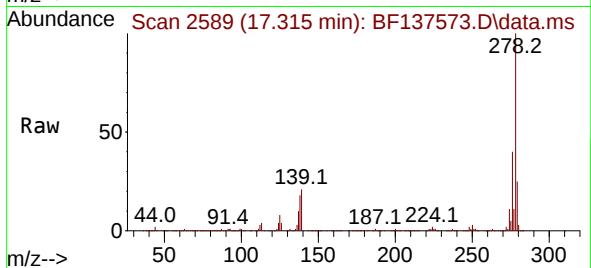
Tgt Ion:252 Resp: 1187847
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.2
125 12.6 10.4 15.6





#91
Dibenzo(a,h)anthracene
Concen: 46.560 ng
RT: 17.315 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

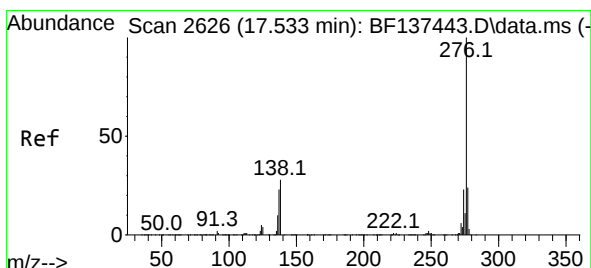
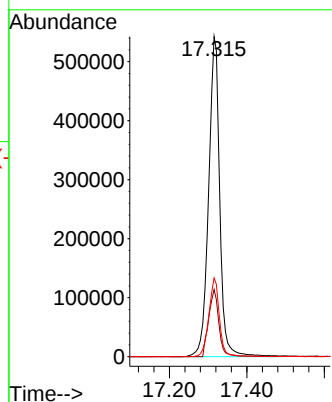
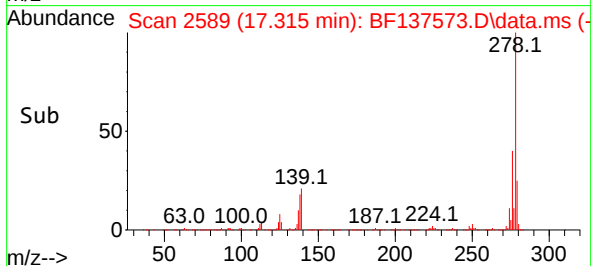
Instrument :
BNA_F
ClientSampleId :
PB159549BS



Tgt Ion:278 Resp: 108146
Ion Ratio Lower Upper
278 100
139 21.0 17.0 25.6
279 24.6 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#92
Benzo(g,h,i)perylene
Concen: 45.040 ng
RT: 17.792 min Scan# 2670
Delta R.T. -0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Tgt Ion:276 Resp: 1074380
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.4
138 26.0 22.2 33.2

