

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031924\
 Data File : BF137643.D
 Acq On : 19 Mar 2024 12:42
 Operator : CG\JU
 Sample : PB159643BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159643BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/20/2024
 Supervised By :mohammad ahmed 03/21/2024

Quant Time: Mar 19 13:26:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	185994	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	710548	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	370315	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	639032	20.000	ng	0.00
76) Chrysene-d12	13.880	240	379612	20.000	ng	0.00
86) Perylene-d12	15.298	264	357746	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	1506818	122.699	ng	0.02
7) Phenol-d6	6.375	99	2013213	113.570	ng	0.00
23) Nitrobenzene-d5	7.298	82	1248974	81.673	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	462709	142.284	ng	0.00
45) 2-Fluorobiphenyl	9.087	172	2041632	86.302	ng	0.00
79) Terphenyl-d14	12.828	244	2156023	78.100	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.469	88	234844	34.974	ng	99
3) Pyridine	3.175	79	510015	31.493	ng	97
4) n-Nitrosodimethylamine	3.140	42	264554	40.936	ng	93
6) Aniline	6.393	93	434486	20.059	ng	# 59
8) 2-Chlorophenol	6.510	128	586692	45.295	ng	95
9) Benzaldehyde	6.275	77	269491	31.031	ng	99
10) Phenol	6.387	94	779763	40.869	ng	93
11) bis(2-Chloroethyl)ether	6.469	93	590859	42.260	ng	98
12) 1,3-Dichlorobenzene	6.669	146	618282	44.670	ng	96
13) 1,4-Dichlorobenzene	6.746	146	631435	44.588	ng	99
14) 1,2-Dichlorobenzene	6.893	146	592339	45.570	ng	99
15) Benzyl Alcohol	6.875	79	532168	48.222	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.004	45	923810	38.439	ng	94
17) 2-Methylphenol	6.993	107	483552	39.896	ng	97
18) Hexachloroethane	7.234	117	213820	45.855	ng	96
19) n-Nitroso-di-n-propyla...	7.151	70	428298	39.127	ng	98
20) 3+4-Methylphenols	7.146	107	554032	39.912	ng	94
22) Acetophenone	7.140	105	773571	44.996	ng	# 96
24) Nitrobenzene	7.316	77	653860	42.563	ng	97
25) Isophorone	7.551	82	1233984	42.474	ng	98
26) 2-Nitrophenol	7.628	139	296850	48.672	ng	98
27) 2,4-Dimethylphenol	7.669	122	430788	37.802	ng	99
28) bis(2-Chloroethoxy)met...	7.763	93	738031	43.296	ng	99
29) 2,4-Dichlorophenol	7.875	162	474127	45.332	ng	97
30) 1,2,4-Trichlorobenzene	7.951	180	507954	46.150	ng	100
31) Naphthalene	8.034	128	1634876	42.884	ng	99
32) Benzoic acid	7.822	122	279424	43.289	ng	98
33) 4-Chloroaniline	8.087	127	185254	12.392	ng	97
34) Hexachlorobutadiene	8.145	225	299504	46.092	ng	98
35) Caprolactam	8.463	113	151354m	42.677	ng	
36) 4-Chloro-3-methylphenol	8.575	107	519492	44.435	ng	98
37) 2-Methylnaphthalene	8.722	142	1002174	41.236	ng	100
38) 1-Methylnaphthalene	8.822	142	953344	41.654	ng	100
40) 1,2,4,5-Tetrachloroben...	8.887	216	499935	48.358	ng	99
41) Hexachlorocyclopentadiene	8.875	237	355856	83.898	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	319157	47.407	ng	98

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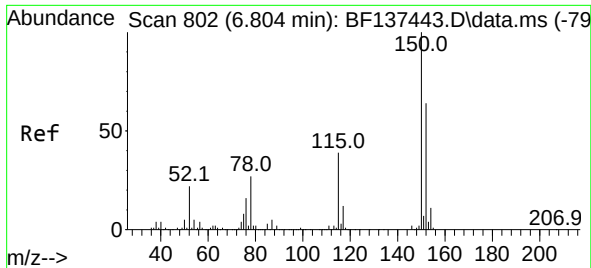
Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/20/2024
 Supervised By :mohammad ahmed 03/21/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	347096	44.756	ng	97
46) 1,1'-Biphenyl	9.187	154	1237570	45.660	ng	99
47) 2-Chloronaphthalene	9.210	162	980258	47.437	ng	99
48) 2-Nitroaniline	9.316	65	333083	47.423	ng	96
49) Acenaphthylene	9.628	152	1534606	46.405	ng	100
50) Dimethylphthalate	9.492	163	1166639	45.257	ng	99
51) 2,6-Dinitrotoluene	9.557	165	257507	47.759	ng	89
52) Acenaphthene	9.798	154	854100	43.261	ng	98
53) 3-Nitroaniline	9.728	138	154217	27.041	ng	88
54) 2,4-Dinitrophenol	9.834	184	246452	92.304	ng	96
55) Dibenzofuran	9.969	168	1299879	43.228	ng	99
56) 4-Nitrophenol	9.898	139	332776	81.901	ng	99
57) 2,4-Dinitrotoluene	9.963	165	319905	48.293	ng	97
58) Fluorene	10.310	166	1002532	43.412	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.087	232	285825	45.960	ng	96
60) Diethylphthalate	10.192	149	1078597	44.308	ng	99
61) 4-Chlorophenyl-phenyle...	10.304	204	492243	43.492	ng	95
62) 4-Nitroaniline	10.345	138	216147	44.096	ng	91
63) Azobenzene	10.463	77	1178344	42.037	ng	99
65) 4,6-Dinitro-2-methylph...	10.369	198	184632	51.839	ng	84
66) n-Nitrosodiphenylamine	10.428	169	901590	43.814	ng	98
67) 4-Bromophenyl-phenylether	10.792	248	316235	45.435	ng	98
68) Hexachlorobenzene	10.857	284	340937	48.498	ng	# 90
69) Atrazine	10.957	200	260403	41.628	ng	99
70) Pentachlorophenol	11.051	266	362913	85.397	ng	98
71) Phenanthrene	11.269	178	1480555	42.572	ng	99
72) Anthracene	11.322	178	1522019	42.612	ng	99
73) Carbazole	11.481	167	1342946	43.894	ng	99
74) Di-n-butylphthalate	11.810	149	1629853	44.775	ng	99
75) Fluoranthene	12.457	202	1472051	43.303	ng	97
77) Benzidine	12.586	184	157245	16.926	ng	97
78) Pyrene	12.680	202	1480507	39.747	ng	99
80) Butylbenzylphthalate	13.304	149	561840	59.062	ng	99
81) Benzo(a)anthracene	13.869	228	1141929	42.919	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	281311	39.703	ng	99
83) Chrysene	13.904	228	1158023	43.063	ng	99
84) Bis(2-ethylhexyl)phtha...	13.863	149	713411	59.004	ng	99
85) Di-n-octyl phthalate	14.474	149	1187687	50.621	ng	96
87) Indeno(1,2,3-cd)pyrene	16.692	276	1044013	44.347	ng	97
88) Benzo(b)fluoranthene	14.898	252	1052887	49.754	ng	98
89) Benzo(k)fluoranthene	14.921	252	986358	43.394	ng	99
90) Benzo(a)pyrene	15.245	252	931003	44.644	ng	99
91) Dibenzo(a,h)anthracene	16.710	278	853003	44.665	ng	97
92) Benzo(g,h,i)perylene	17.110	276	842924	42.978	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF137643.D
 Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

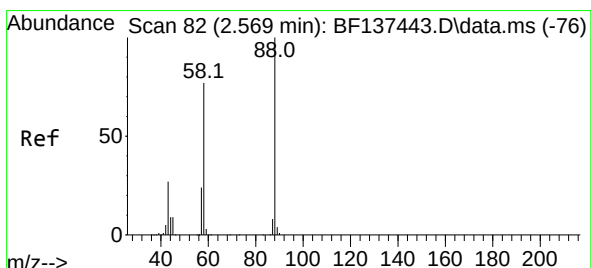
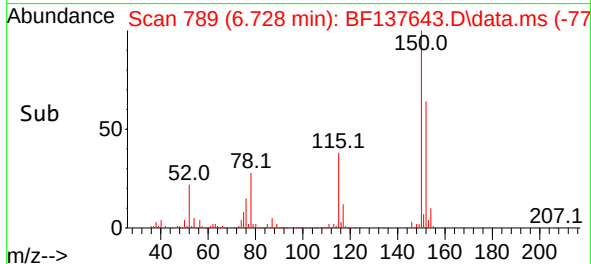
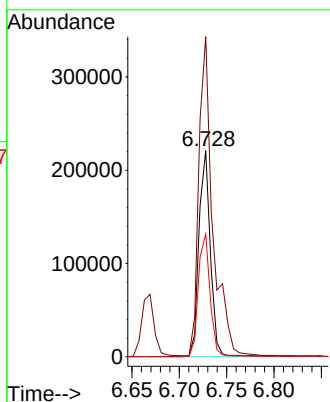
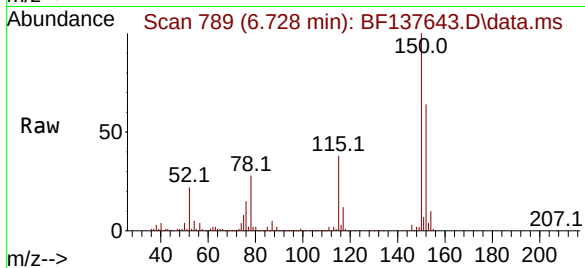
PB159643BS

Tgt Ion:152 Resp: 185994
 Ion Ratio Lower Upper
 152 100
 150 155.3 125.8 188.6
 115 59.5 48.8 73.2

Manual Integrations

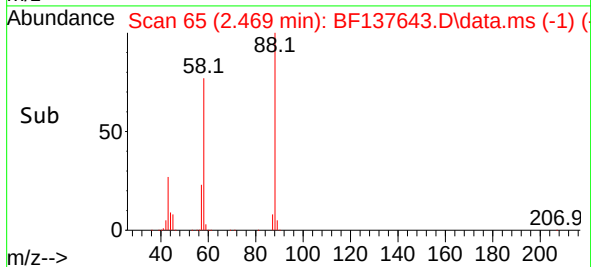
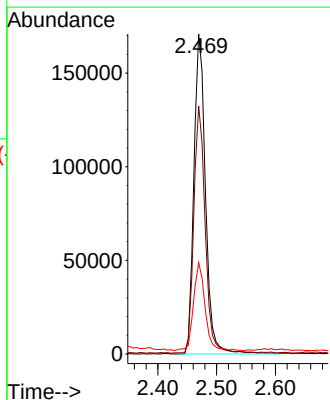
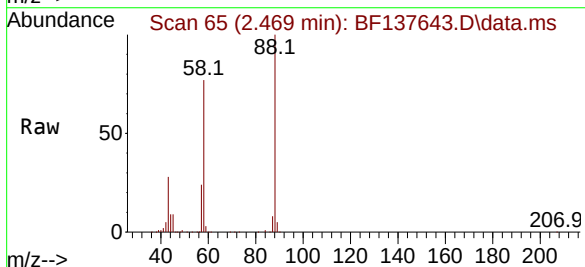
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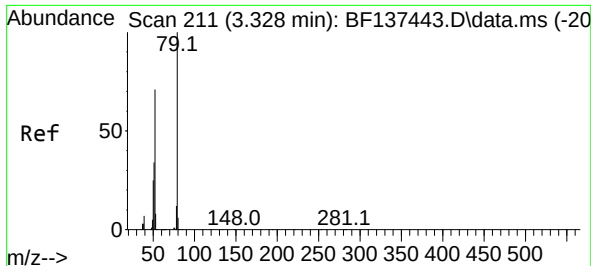
Reviewed By :Jagrut Upadhyay 03/20/2024
 Supervised By :mohammad ahmed 03/21/2024



#2
 1,4-Dioxane
 Concen: 34.974 ng
 RT: 2.469 min Scan# 65
 Delta R.T. 0.100 min
 Lab File: BF137643.D
 Acq: 19 Mar 2024 12:42

Tgt Ion: 88 Resp: 234844
 Ion Ratio Lower Upper
 88 100
 58 76.2 61.8 92.8
 43 27.4 22.2 33.4





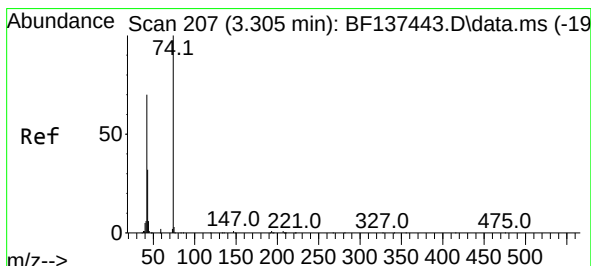
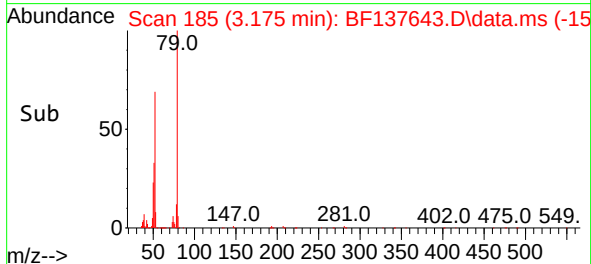
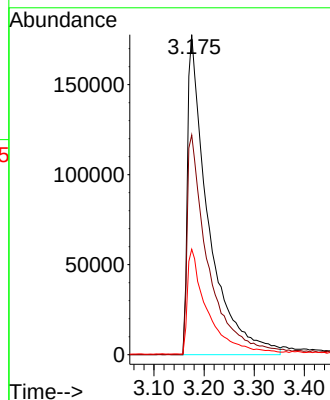
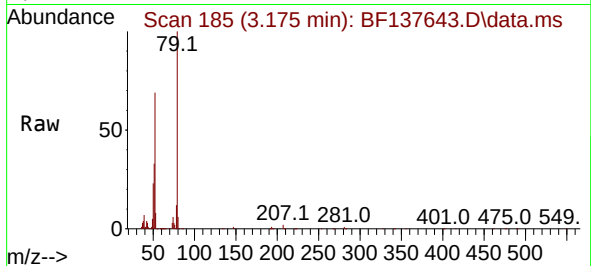
#3
Pyridine
Concen: 31.493 ng
RT: 3.175 min Scan# 185
Delta R.T. 0.106 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Instrument :
BNA_F
ClientSampleId :
PB159643BS

Tgt Ion: 79 Resp: 51001
Ion Ratio Lower Upper
79 100
52 68.7 57.0 85.4
51 33.0 27.5 41.3

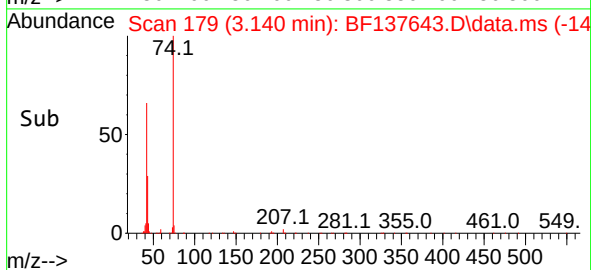
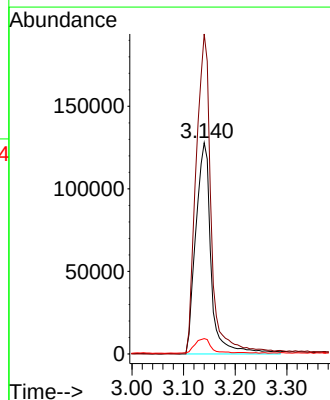
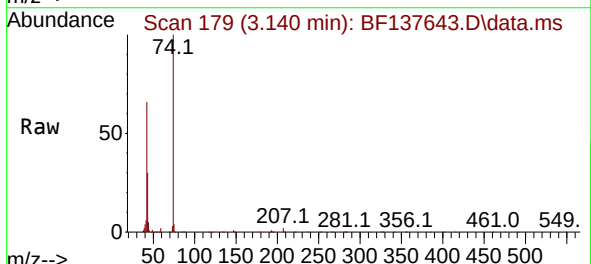
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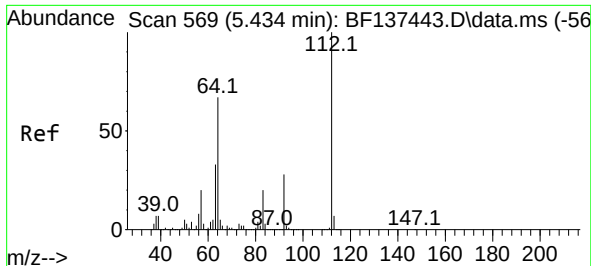
Reviewed By :Jagrut Upadhyay 03/20/2024
Supervised By :mohammad ahmed 03/21/2024



#4
n-Nitrosodimethylamine
Concen: 40.936 ng
RT: 3.140 min Scan# 179
Delta R.T. 0.100 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Tgt Ion: 42 Resp: 264554
Ion Ratio Lower Upper
42 100
74 151.5 114.0 171.0
44 7.3 7.0 10.4





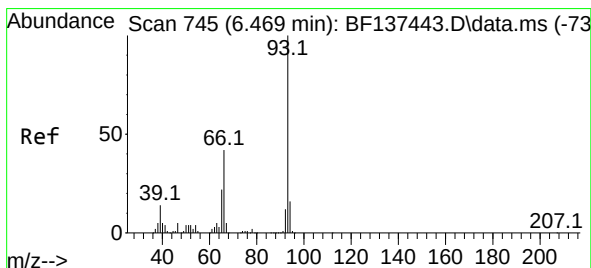
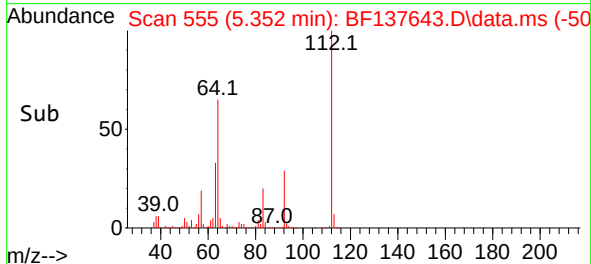
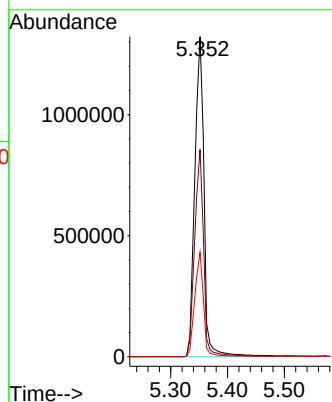
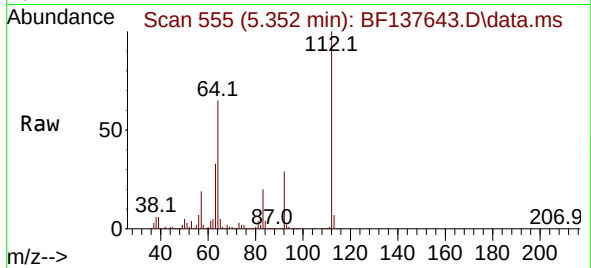
#5
2-Fluorophenol
Concen: 122.699 ng
RT: 5.352 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Instrument :
BNA_F
ClientSampleId :
PB159643BS

Tgt Ion:112 Resp: 1506818
Ion Ratio Lower Upper
112 100
64 64.8 53.4 80.2
63 32.6 26.2 39.2

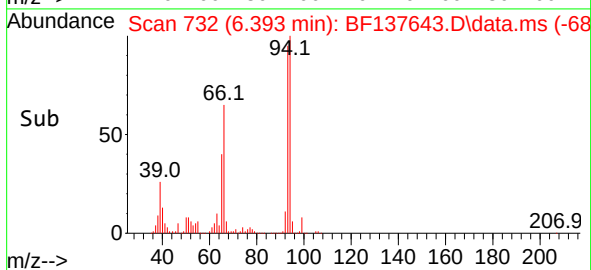
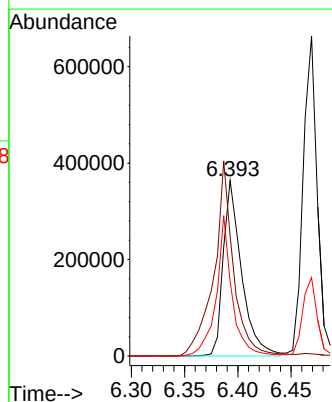
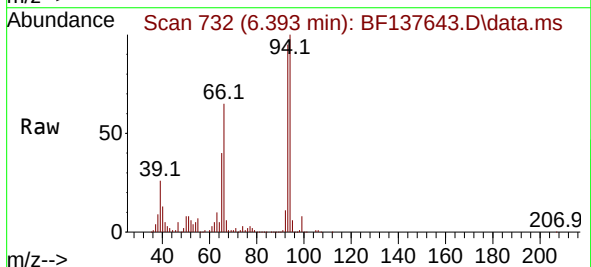
Manual Integrations
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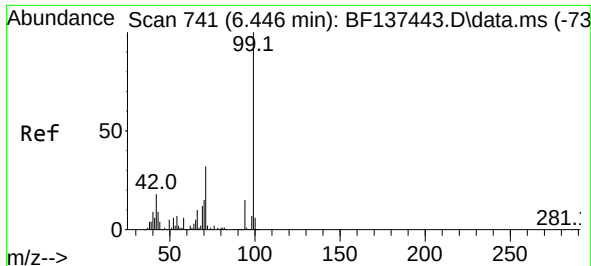
Reviewed By :Jagrut Upadhyay 03/20/2024
Supervised By :mohammad ahmed 03/21/2024



#6
Aniline
Concen: 20.059 ng
RT: 6.393 min Scan# 732
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Tgt Ion: 93 Resp: 434486
Ion Ratio Lower Upper
93 100
66 68.5 34.0 51.0#
65 42.5 17.8 26.8#





#7

Phenol-d6

Concen: 113.570 ng

RT: 6.375 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

PB159643BS

Tgt Ion: 99 Resp: 201321

Ion Ratio Lower Upper

99 100

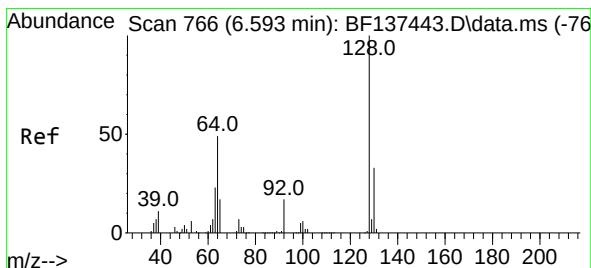
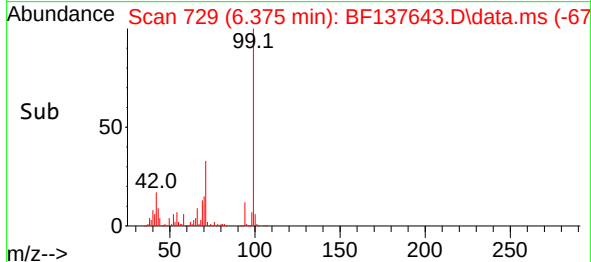
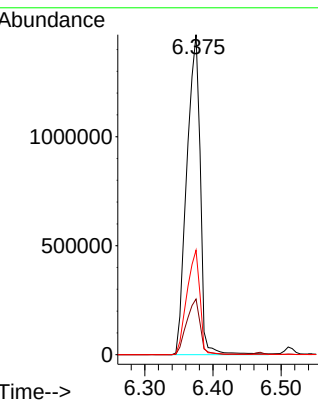
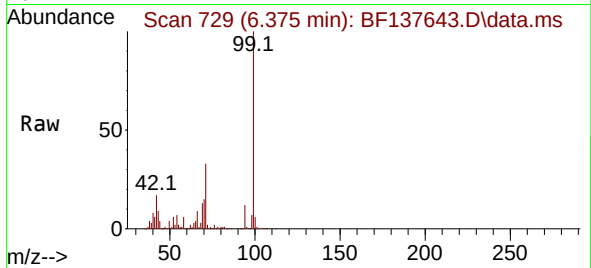
42 17.4 14.6 21.8

71 32.7 25.3 37.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/20/2024
Supervised By :mohammad ahmed 03/21/2024



#8

2-Chlorophenol

Concen: 45.295 ng

RT: 6.510 min Scan# 752

Delta R.T. 0.000 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

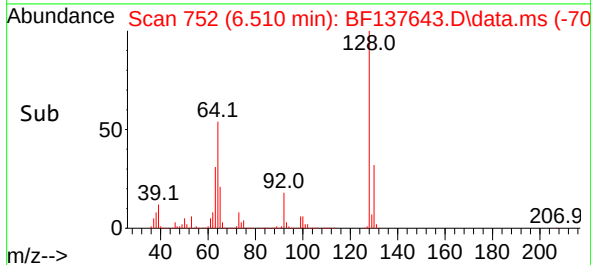
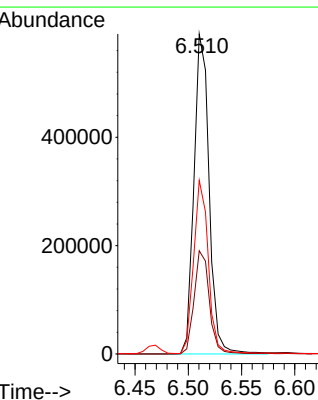
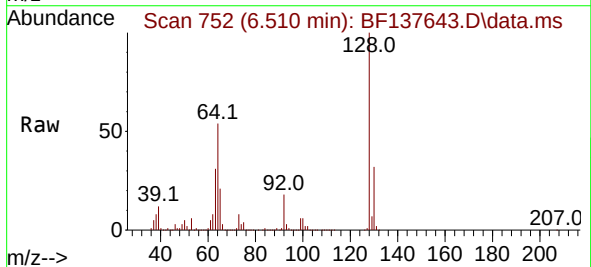
Tgt Ion:128 Resp: 586692

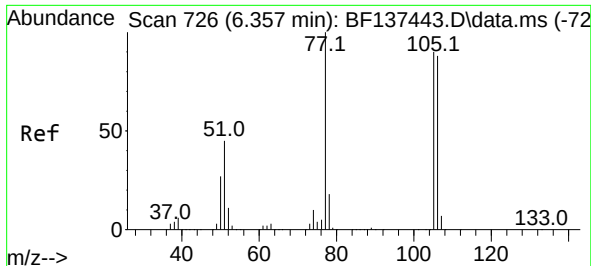
Ion Ratio Lower Upper

128 100

130 32.2 13.4 53.4

64 54.2 30.0 70.0





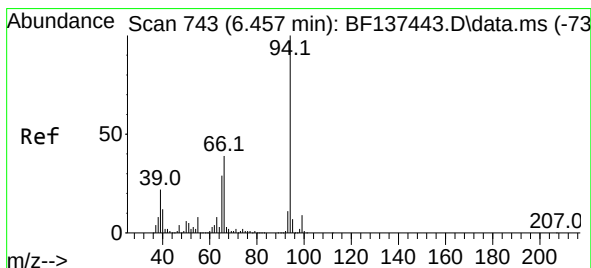
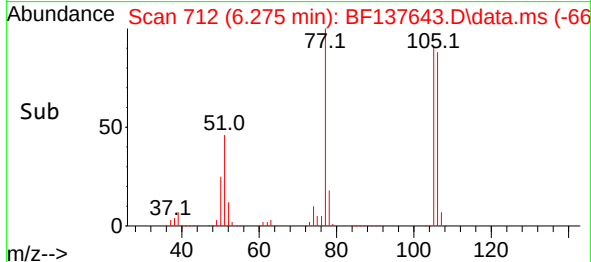
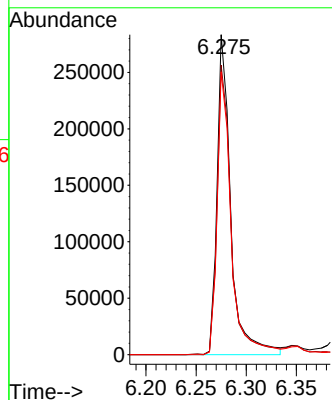
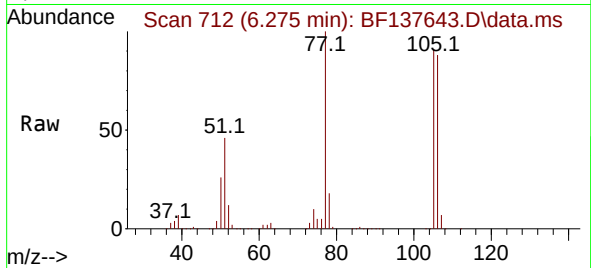
#9
Benzaldehyde
Concen: 31.031 ng
RT: 6.275 min Scan# 712
Delta R.T. -0.006 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Instrument :
BNA_F
ClientSampleId :
PB159643BS

Tgt Ion: 77 Resp: 26949
Ion Ratio Lower Upper
77 100
105 90.5 69.8 109.8
106 88.4 67.8 107.8

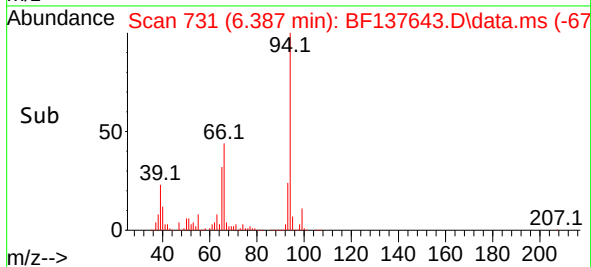
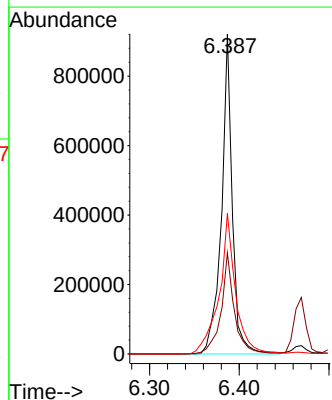
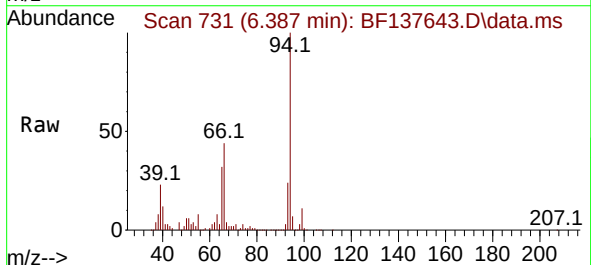
Manual Integrations
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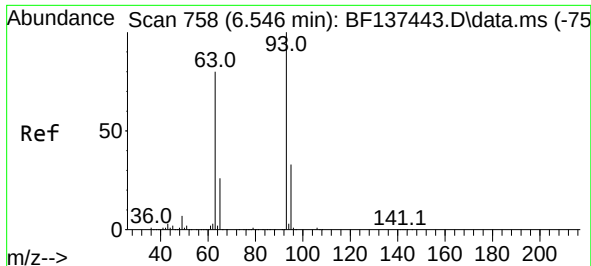
Reviewed By :Jagrut Upadhyay 03/20/2024
Supervised By :mohammad ahmed 03/21/2024



#10
Phenol
Concen: 40.869 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Tgt Ion: 94 Resp: 779763
Ion Ratio Lower Upper
94 100
65 31.6 8.7 48.7
66 43.9 18.6 58.6





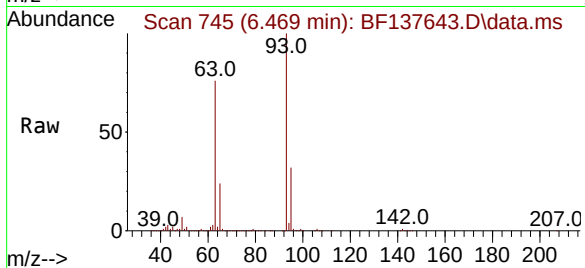
#11
bis(2-Chloroethyl)ether
Concen: 42.260 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

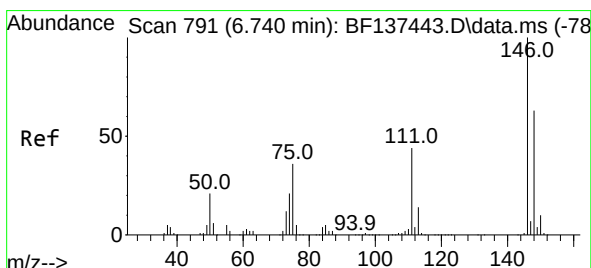
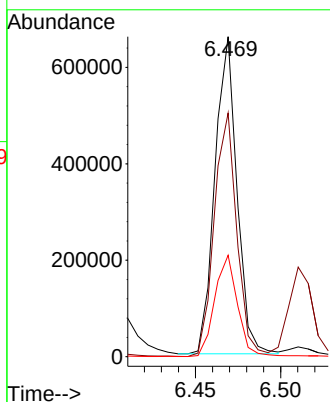
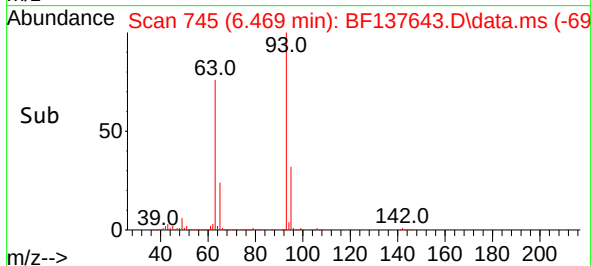
PB159643BS



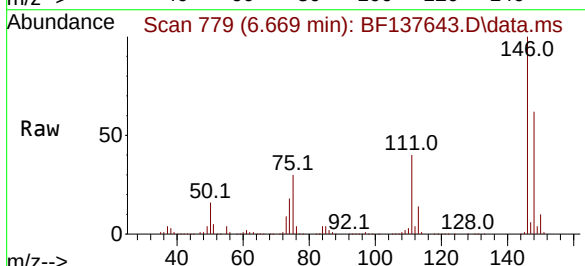
Tgt Ion: 93 Resp: 590859
Ion Ratio Lower Upper
93 100
63 76.2 58.9 98.9
95 31.7 12.2 52.2

Manual Integrations
APPROVED

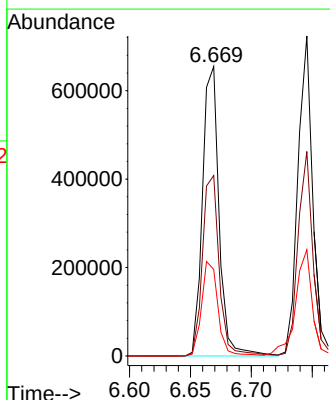
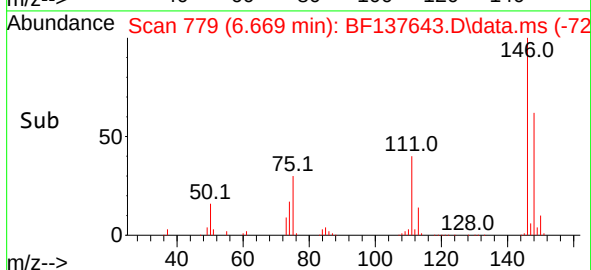
Reviewed By :Jagrut Upadhyay 03/20/2024
Supervised By :mohammad ahmed 03/21/2024

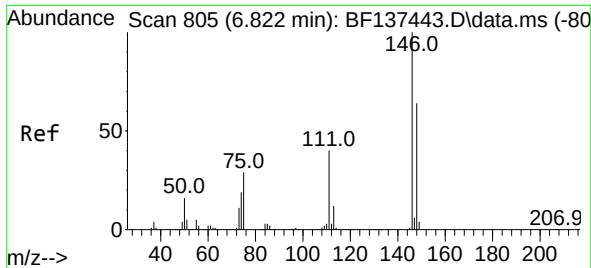


#12
1,3-Dichlorobenzene
Concen: 44.670 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42



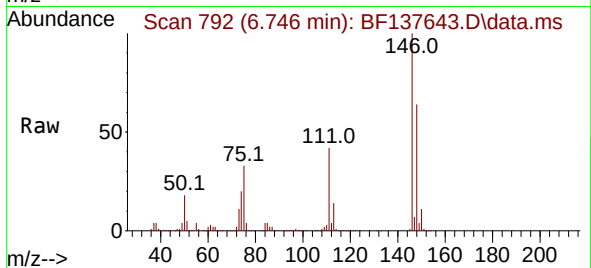
Tgt Ion:146 Resp: 618282
Ion Ratio Lower Upper
146 100
148 62.4 50.3 75.5
75 29.9 29.0 43.4





#13
1,4-Dichlorobenzene
Concen: 44.588 ng
RT: 6.746 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

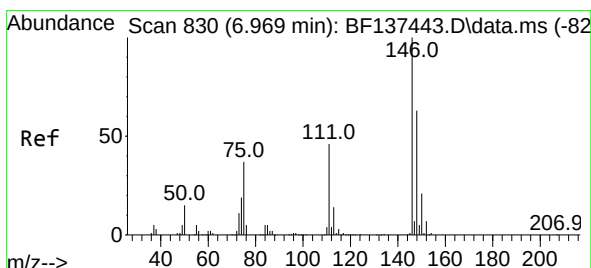
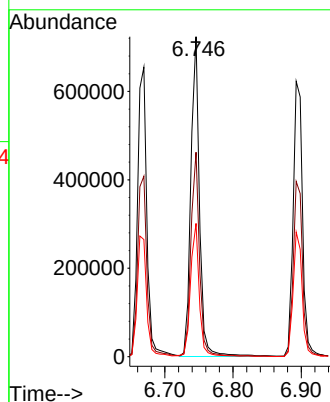
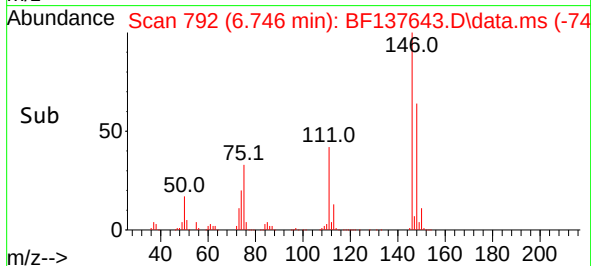
Instrument :
BNA_F
ClientSampleId :
PB159643BS



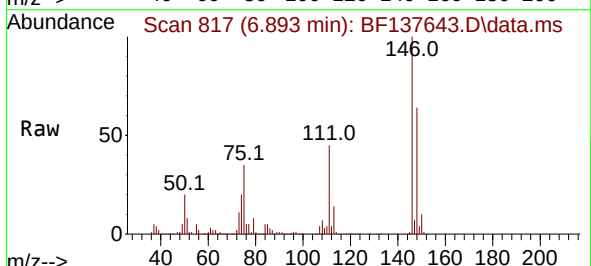
Tgt Ion:146 Resp: 631439
Ion Ratio Lower Upper
146 100
148 63.9 51.2 76.8
111 41.6 32.4 48.6

Manual Integrations
APPROVED

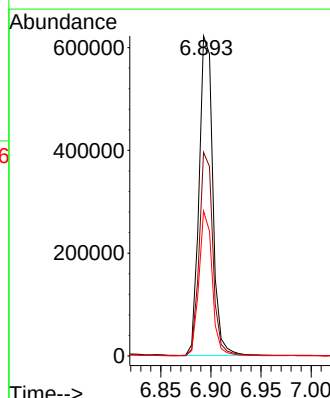
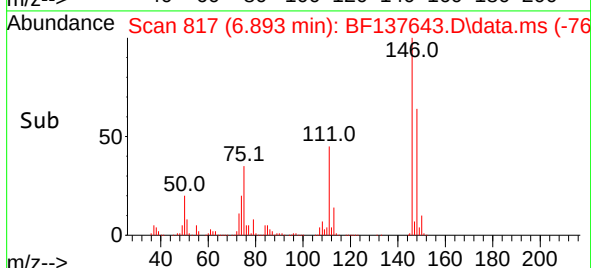
Reviewed By :Jagrut Upadhyay 03/20/2024
Supervised By :mohammad ahmed 03/21/2024

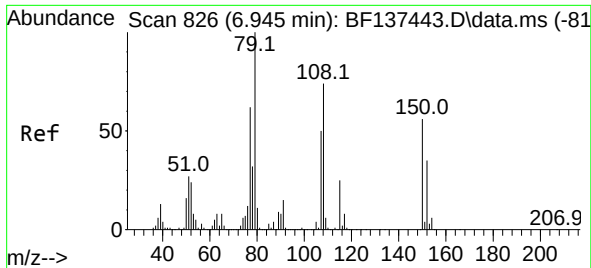


#14
1,2-Dichlorobenzene
Concen: 45.570 ng
RT: 6.893 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42



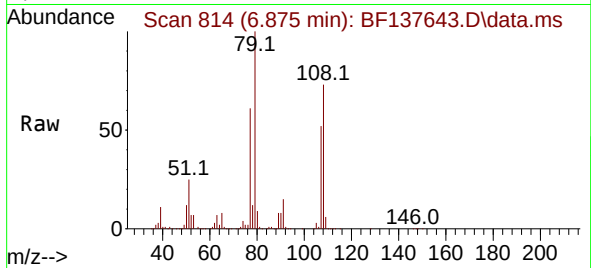
Tgt Ion:146 Resp: 592339
Ion Ratio Lower Upper
146 100
148 63.7 50.0 75.0
111 45.3 36.8 55.2





#15
Benzyl Alcohol
Concen: 48.222 ng
RT: 6.875 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

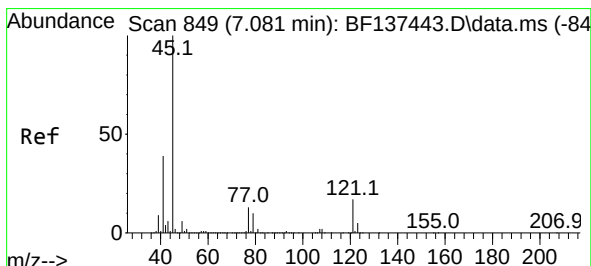
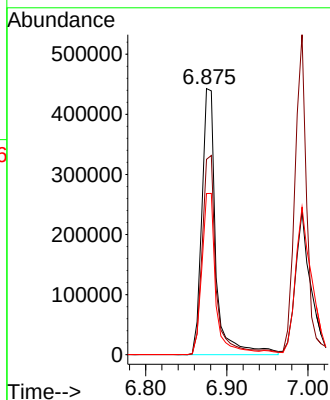
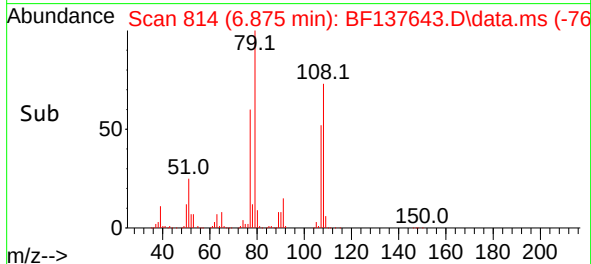
Instrument :
BNA_F
ClientSampleId :
PB159643BS



Tgt Ion: 79 Resp: 53216
Ion Ratio Lower Upper
79 100
108 73.4 59.5 89.3
77 60.6 50.0 75.0

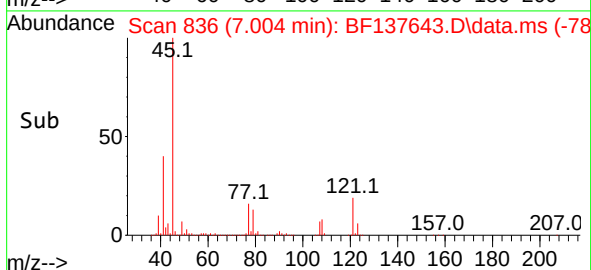
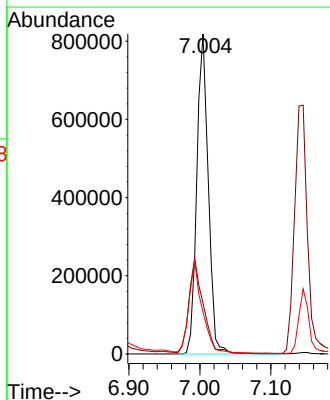
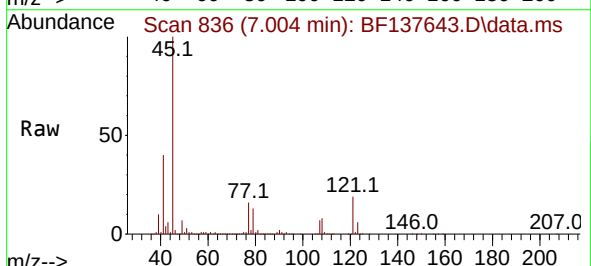
Manual Integrations
APPROVED

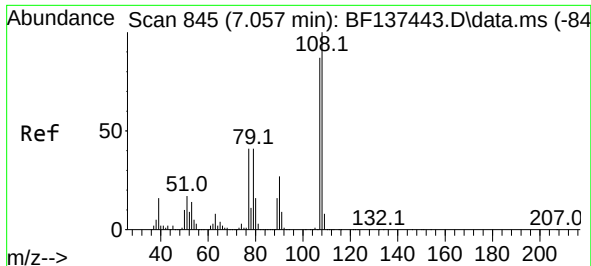
Reviewed By :Jagrut Upadhyay 03/20/2024
Supervised By :mohammad ahmed 03/21/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.439 ng
RT: 7.004 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

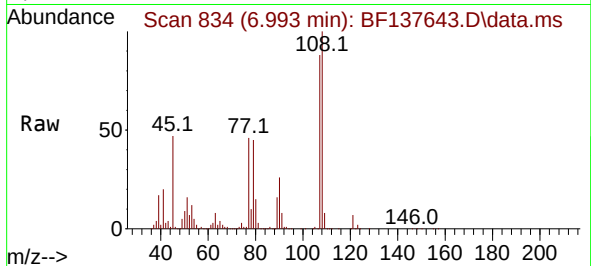
Tgt Ion: 45 Resp: 923810
Ion Ratio Lower Upper
45 100
77 15.9 0.0 33.4
79 13.1 0.0 30.9





#17
2-Methylphenol
Concen: 39.896 ng
RT: 6.993 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

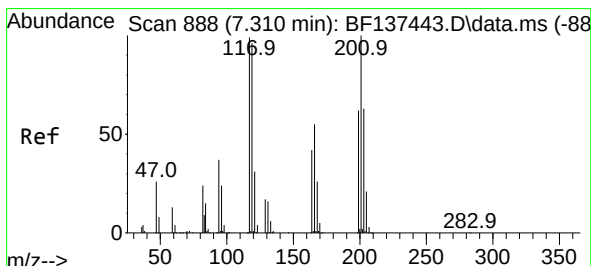
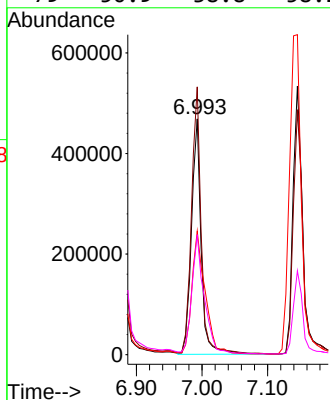
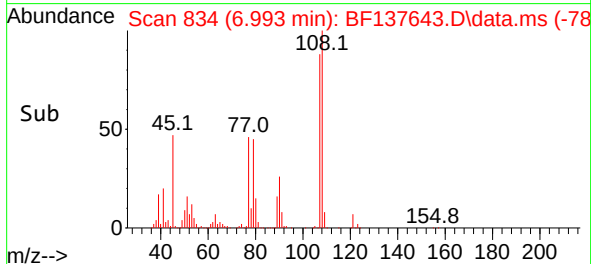
Instrument :
BNA_F
ClientSampleId :
PB159643BS



Tgt Ion:107 Resp: 483552
Ion Ratio Lower Upper
107 100
108 113.5 92.2 138.4
77 52.4 38.6 57.8
79 50.9 38.8 58.2

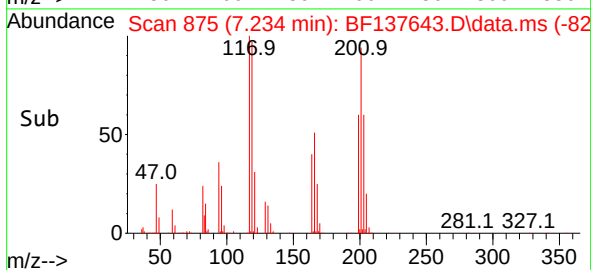
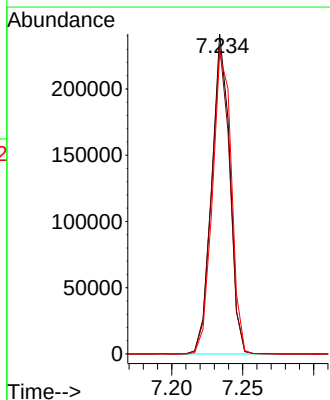
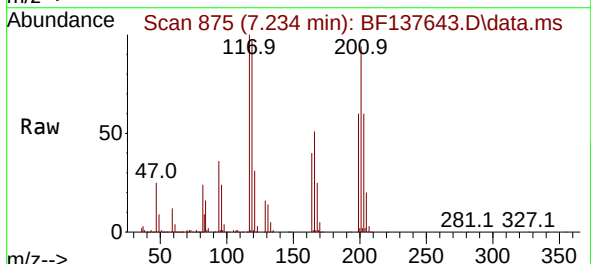
Manual Integrations
APPROVED

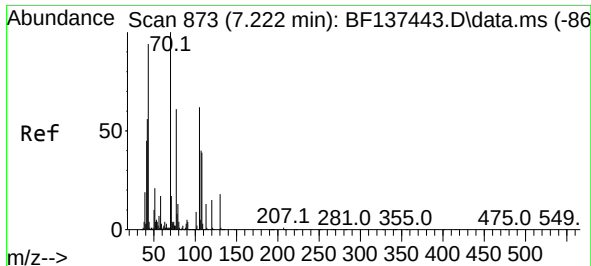
Reviewed By :Jagrut Upadhyay 03/20/2024
Supervised By :mohammad ahmed 03/21/2024



#18
Hexachloroethane
Concen: 45.855 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

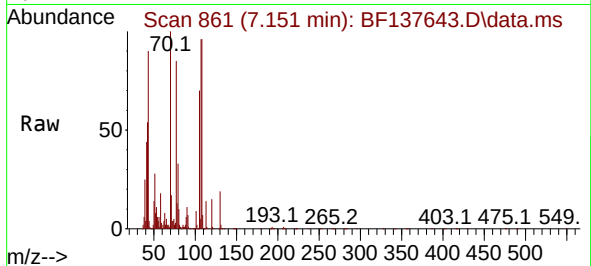
Tgt Ion:117 Resp: 213820
Ion Ratio Lower Upper
117 100
119 96.8 77.5 116.3
201 93.9 80.6 121.0





#19
n-Nitroso-di-n-propylamine
Concen: 39.127 ng
RT: 7.151 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

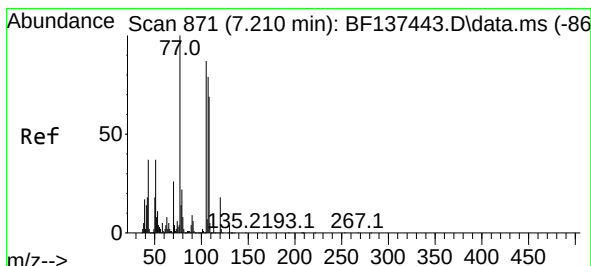
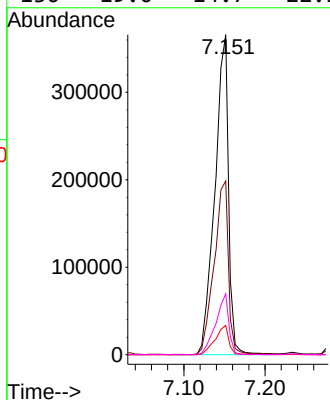
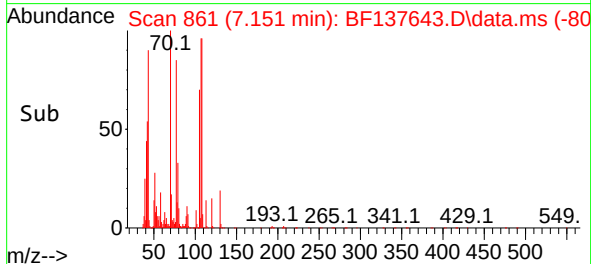
Instrument :
BNA_F
ClientSampleId :
PB159643BS



Tgt Ion: 70 Resp: 428298
Ion Ratio Lower Upper
70 100
42 54.3 45.2 67.8
101 9.1 7.3 10.9
130 19.0 14.7 22.1

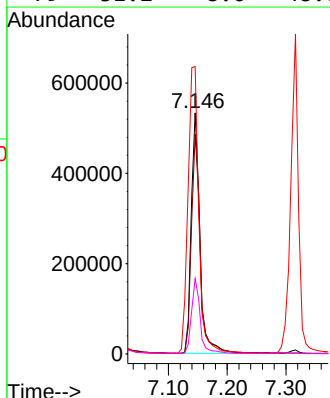
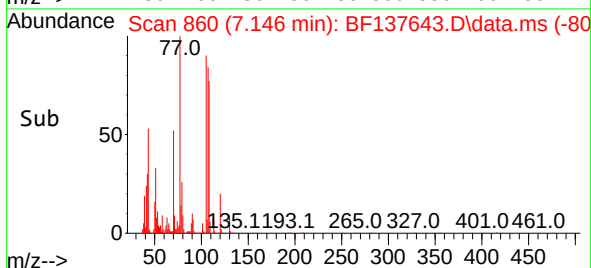
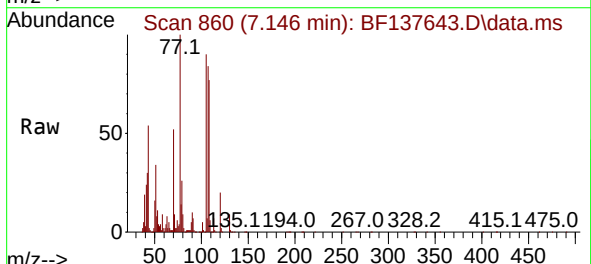
Manual Integrations
APPROVED

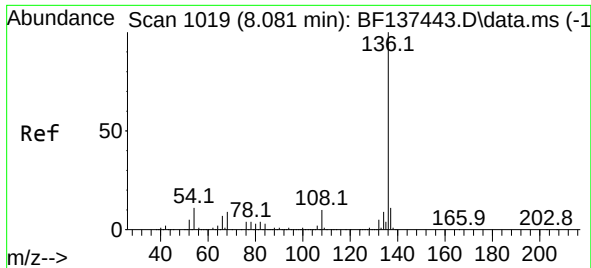
Reviewed By :Jagrut Upadhyay 03/20/2024
Supervised By :mohammad ahmed 03/21/2024



#20
3+4-Methylphenols
Concen: 39.912 ng
RT: 7.146 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Tgt Ion:107 Resp: 554032
Ion Ratio Lower Upper
107 100
108 91.2 67.6 107.6
77 119.1 107.1 147.1
79 31.2 8.6 48.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

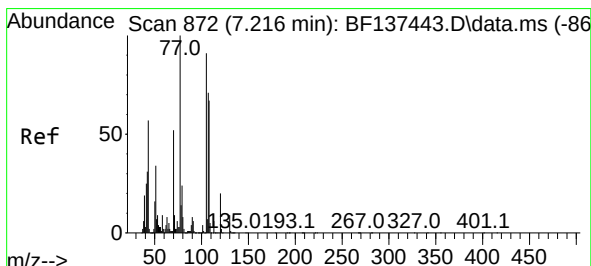
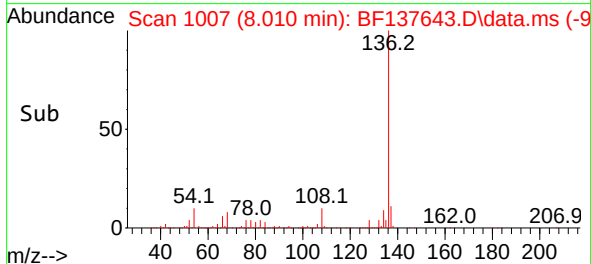
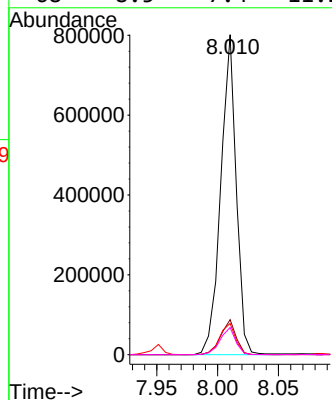
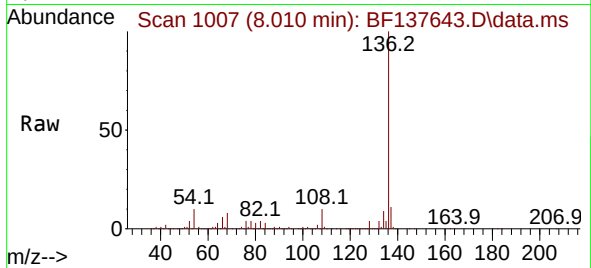
PB159643BS

Tgt Ion:136 Resp: 710544
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 9.8 8.5 12.7
68 8.5 7.4 11.2

Manual Integrations

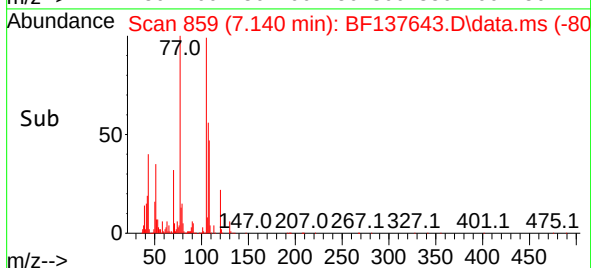
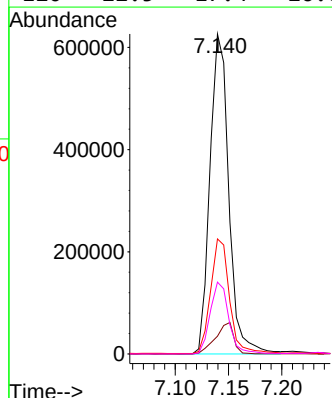
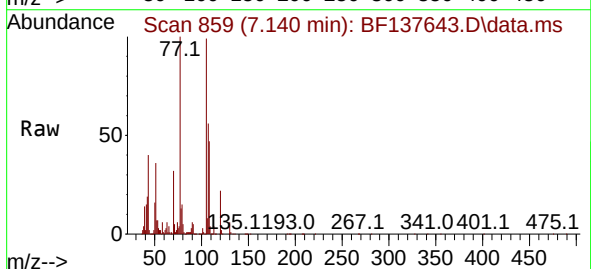
APPROVED

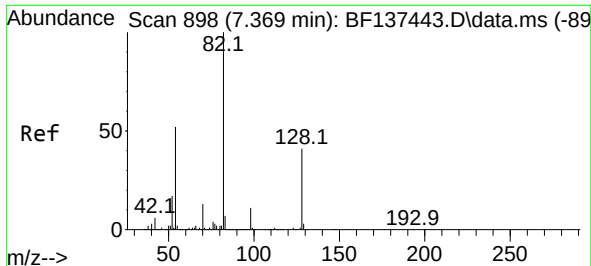
Reviewed By :Jagrut Upadhyay 03/20/2024
Supervised By :mohammad ahmed 03/21/2024



#22
Acetophenone
Concen: 44.996 ng
RT: 7.140 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Tgt Ion:105 Resp: 773571
Ion Ratio Lower Upper
105 100
71 5.6 7.7 11.5#
51 36.0 30.4 45.6
120 22.5 17.4 26.0





#23

Nitrobenzene-d5

Concen: 81.673 ng

RT: 7.298 min Scan# 886

Delta R.T. 0.000 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

PB159643BS

Tgt Ion: 82 Resp: 1248974

Ion Ratio Lower Upper

82 100

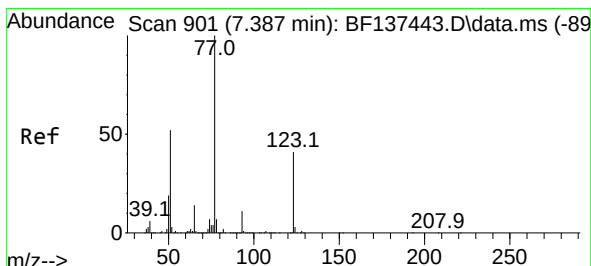
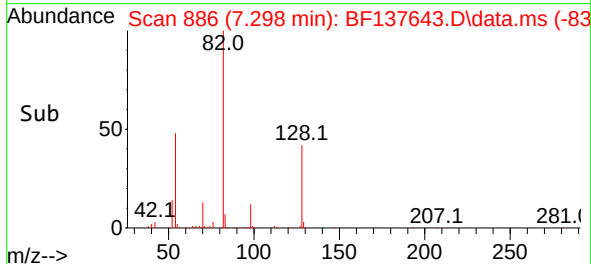
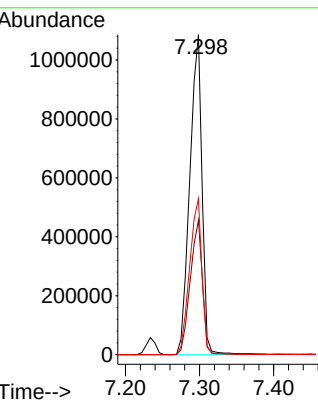
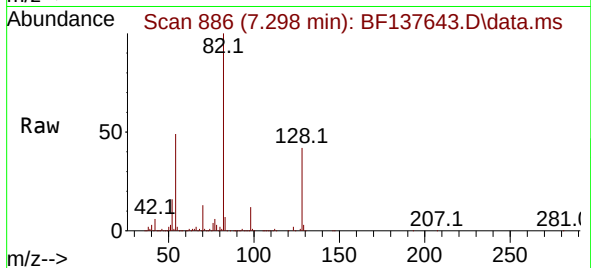
128 42.0 32.5 48.7

54 48.8 41.5 62.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/20/2024
Supervised By :mohammad ahmed 03/21/2024



#24

Nitrobenzene

Concen: 42.563 ng

RT: 7.316 min Scan# 889

Delta R.T. 0.000 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

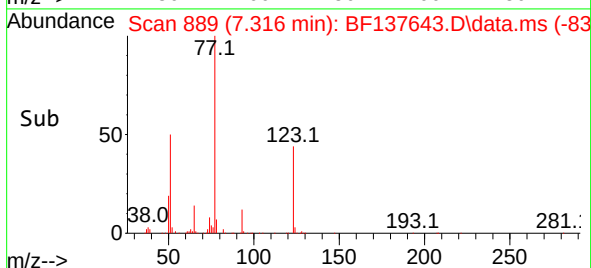
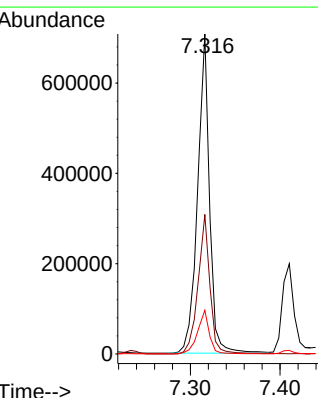
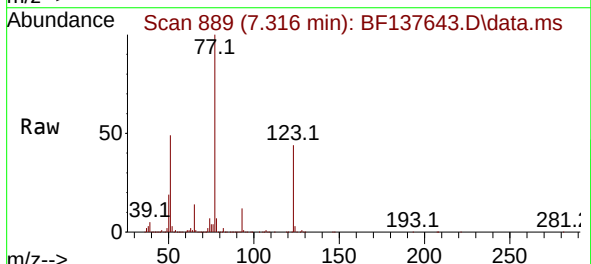
Tgt Ion: 77 Resp: 653860

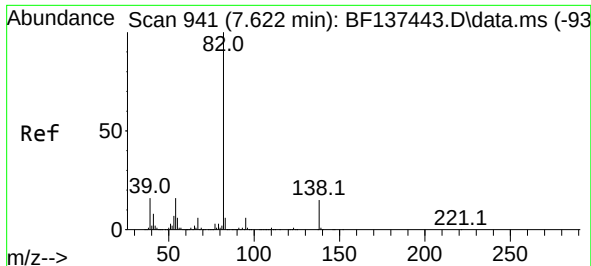
Ion Ratio Lower Upper

77 100

123 43.6 33.0 49.6

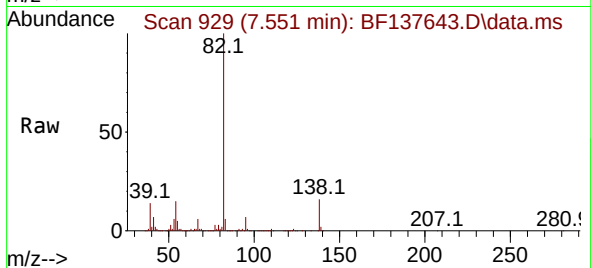
65 13.6 10.9 16.3





#25
Isophorone
Concen: 42.474 ng
RT: 7.551 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

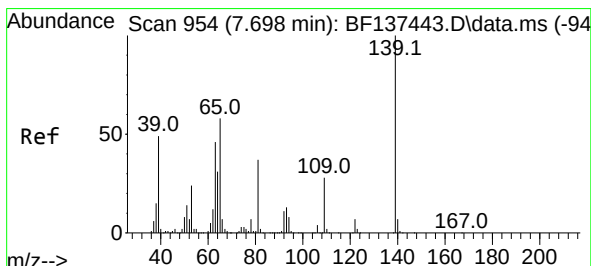
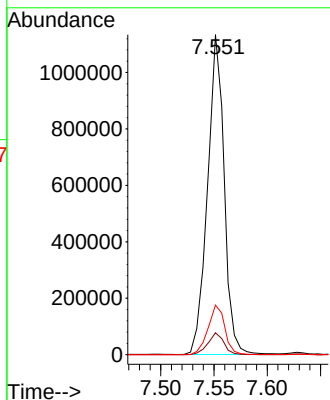
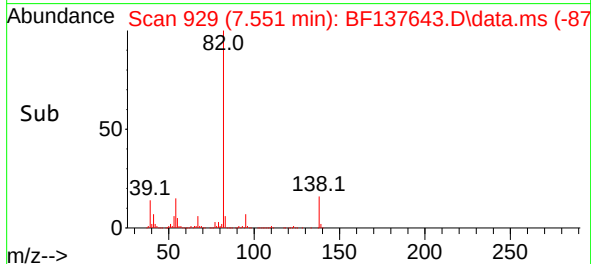
Instrument :
BNA_F
ClientSampleId :
PB159643BS



Tgt Ion: 82 Resp: 1233984
Ion Ratio Lower Upper
82 100
95 6.9 5.1 7.7
138 15.5 11.8 17.8

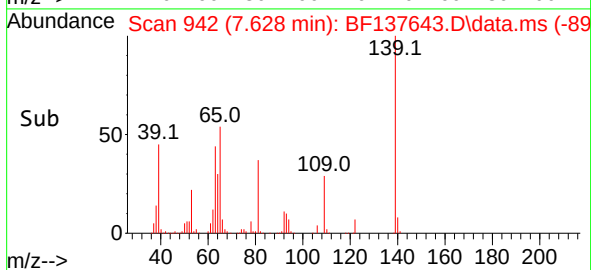
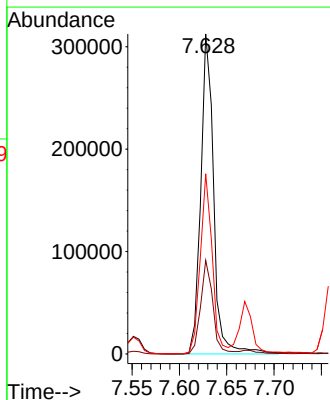
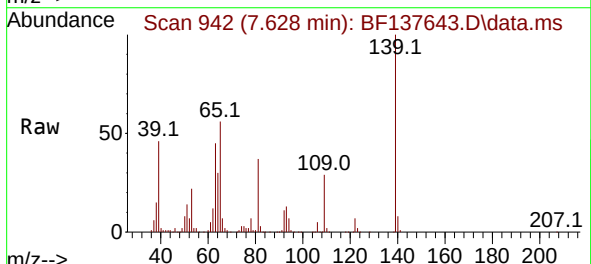
Manual Integrations
APPROVED

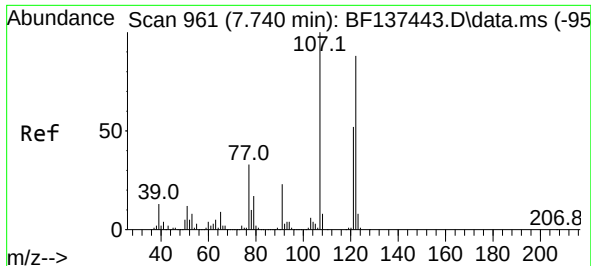
Reviewed By :Jagrut Upadhyay 03/20/2024
Supervised By :mohammad ahmed 03/21/2024



#26
2-Nitrophenol
Concen: 48.672 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Tgt Ion:139 Resp: 296850
Ion Ratio Lower Upper
139 100
109 29.2 22.2 33.4
65 56.3 46.2 69.2





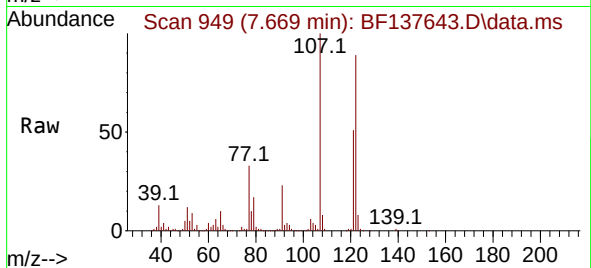
#27
2,4-Dimethylphenol
Concen: 37.802 ng
RT: 7.669 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

PB159643BS

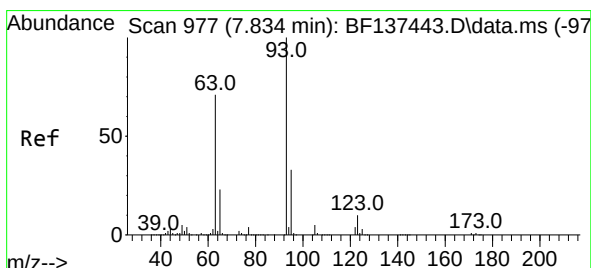
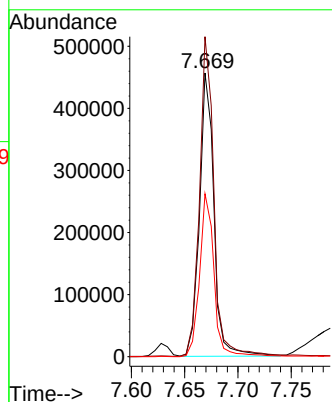
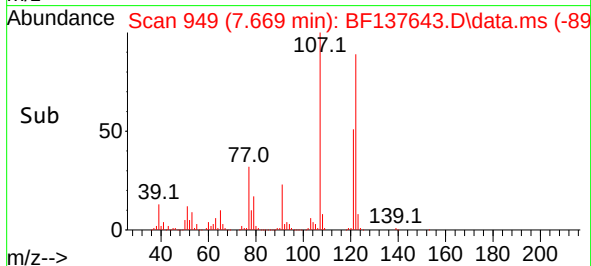


Tgt Ion:122 Resp: 430788
Ion Ratio Lower Upper
122 100
107 112.8 90.9 136.3
121 57.4 47.0 70.6

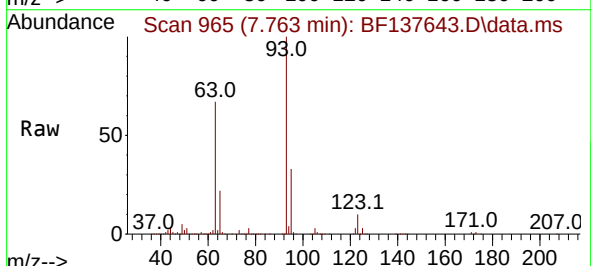
Manual Integrations

APPROVED

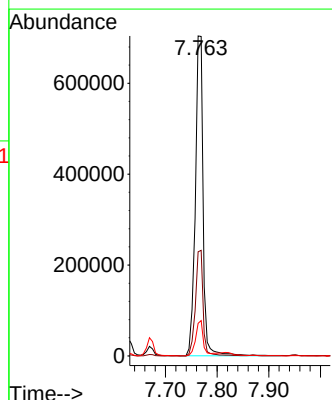
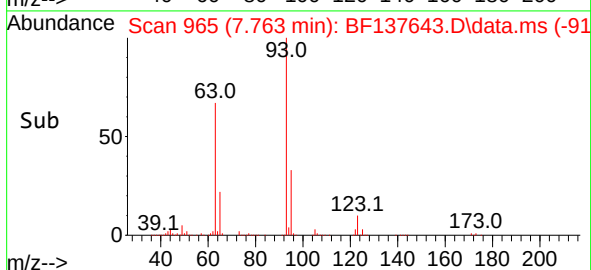
Reviewed By :Jagrut Upadhyay 03/20/2024
Supervised By :mohammad ahmed 03/21/2024

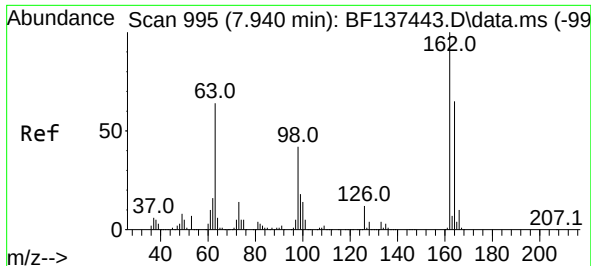


#28
bis(2-Chloroethoxy)methane
Concen: 43.296 ng
RT: 7.763 min Scan# 965
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42



Tgt Ion: 93 Resp: 738031
Ion Ratio Lower Upper
93 100
95 32.6 26.5 39.7
123 10.2 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 45.332 ng

RT: 7.875 min Scan# 995

Delta R.T. 0.006 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

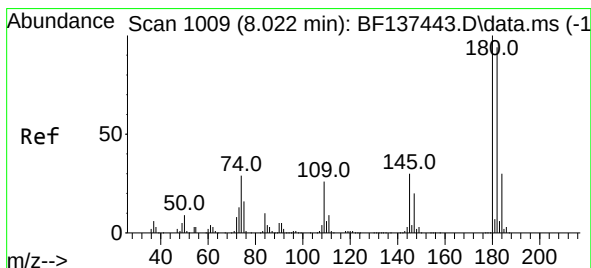
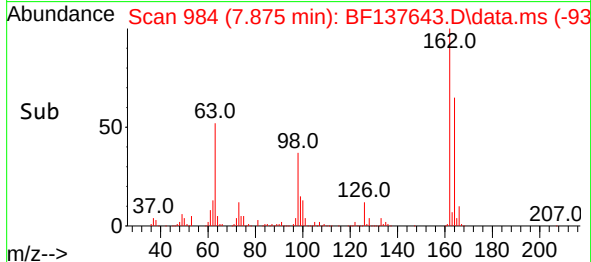
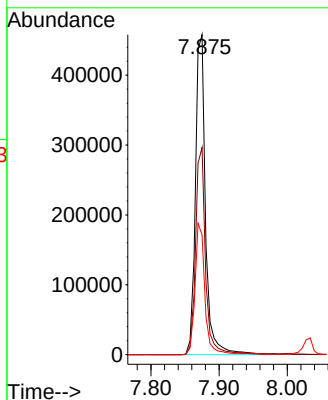
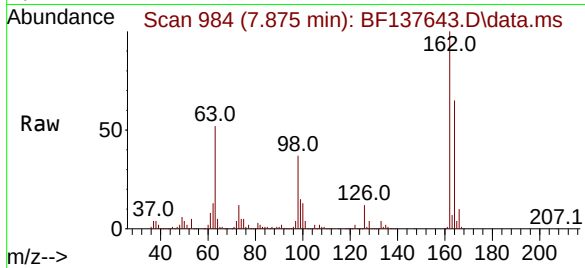
PB159643BS

Tgt Ion:162 Resp: 47412
 Ion Ratio Lower Upper
 162 100
 164 64.8 44.7 84.7
 98 37.4 22.0 62.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/20/2024
 Supervised By :mohammad ahmed 03/21/2024



#30

1,2,4-Trichlorobenzene

Concen: 46.150 ng

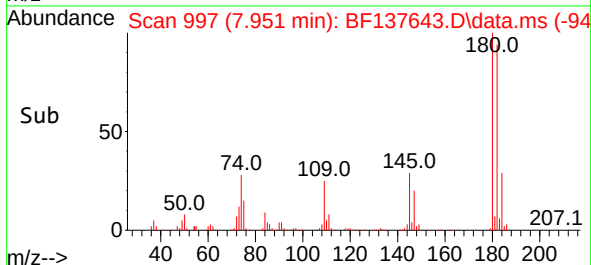
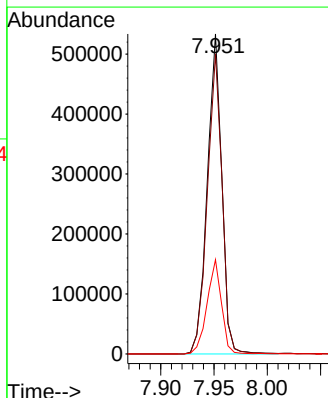
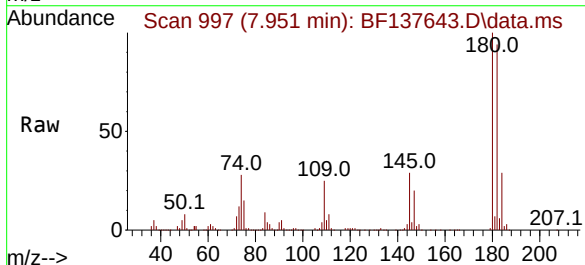
RT: 7.951 min Scan# 997

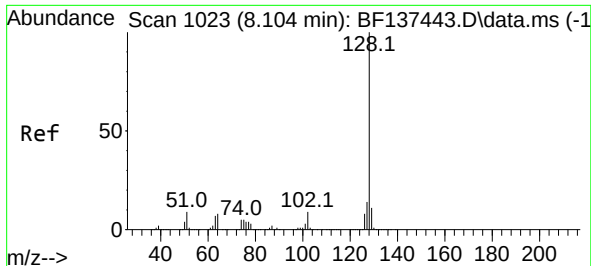
Delta R.T. 0.000 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

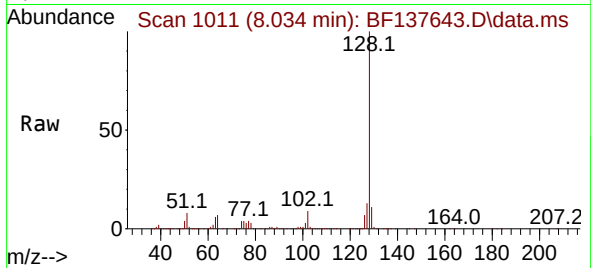
Tgt Ion:180 Resp: 507954
 Ion Ratio Lower Upper
 180 100
 182 93.8 75.0 112.6
 145 29.4 23.7 35.5





#31
Naphthalene
Concen: 42.884 ng
RT: 8.034 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

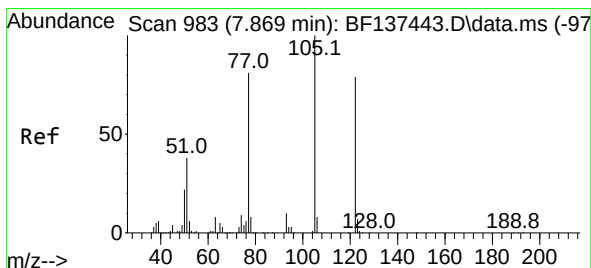
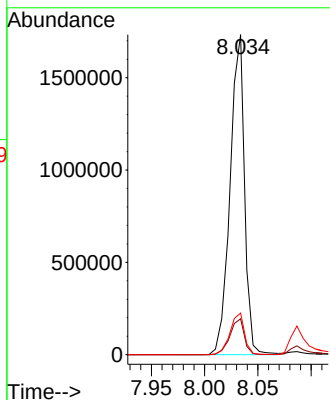
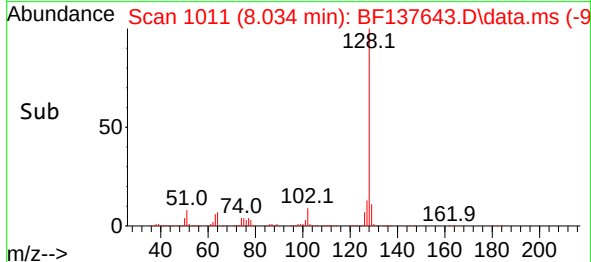
Instrument :
BNA_F
ClientSampleId :
PB159643BS



Tgt Ion:128 Resp: 1634870
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.0 10.8 16.2

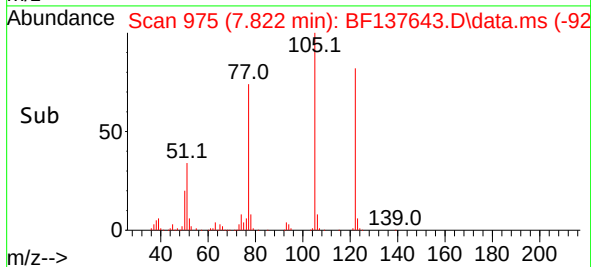
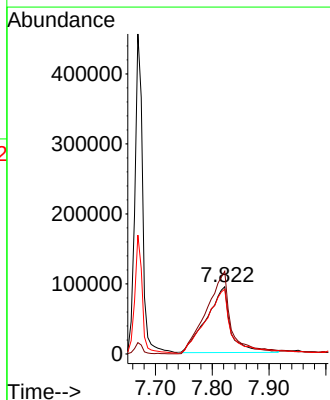
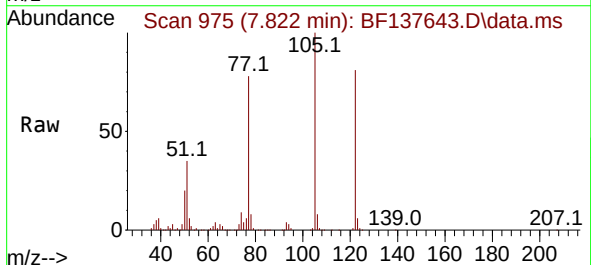
Manual Integrations
APPROVED

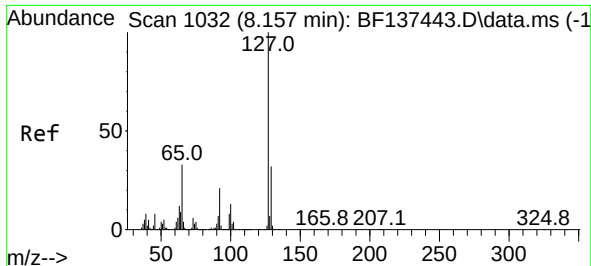
Reviewed By :Jagrut Upadhyay 03/20/2024
Supervised By :mohammad ahmed 03/21/2024



#32
Benzoic acid
Concen: 43.289 ng
RT: 7.822 min Scan# 975
Delta R.T. 0.024 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Tgt Ion:122 Resp: 279424
Ion Ratio Lower Upper
122 100
105 123.1 102.4 142.4
77 96.4 81.1 121.1





#33
4-Chloroaniline
Concen: 12.392 ng
RT: 8.087 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

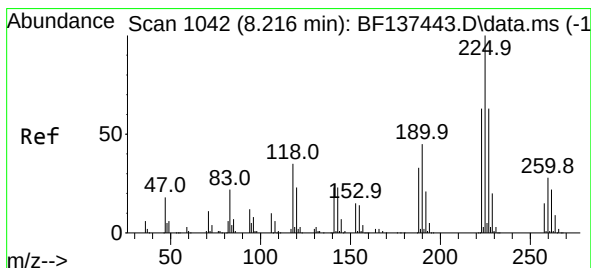
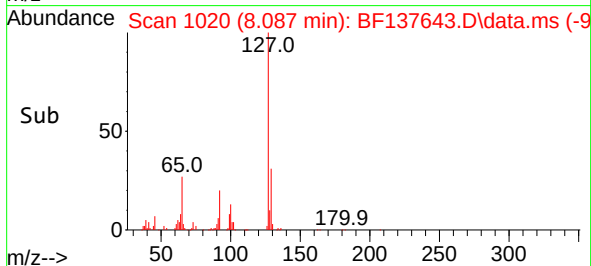
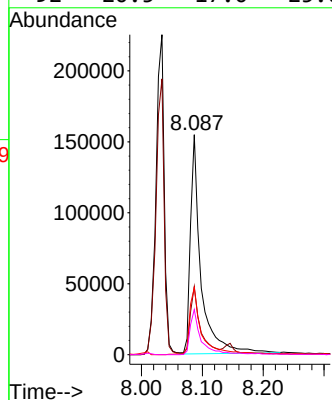
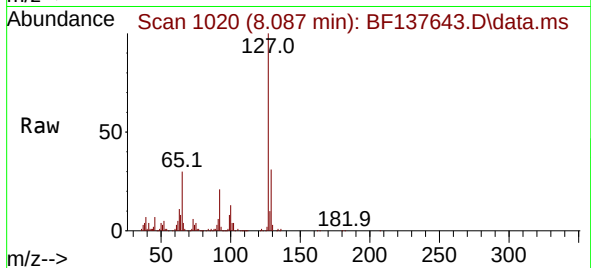
PB159643BS

Tgt Ion:127 Resp: 185254
Ion Ratio Lower Upper
127 100
129 30.9 26.0 39.0
65 30.5 26.8 40.2
92 20.5 17.0 25.6

Manual Integrations

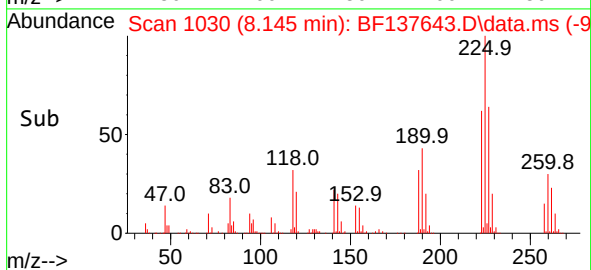
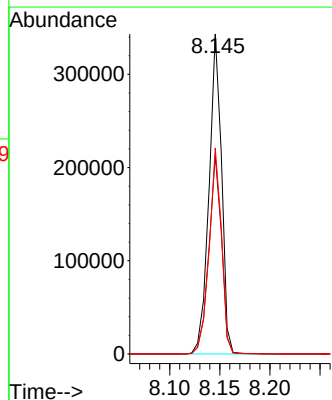
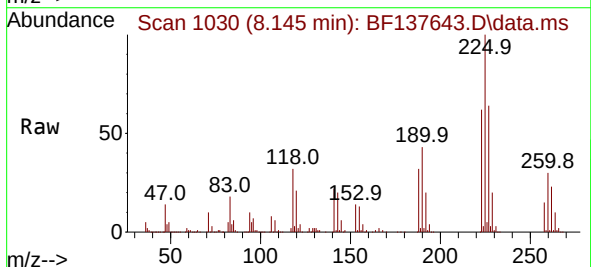
APPROVED

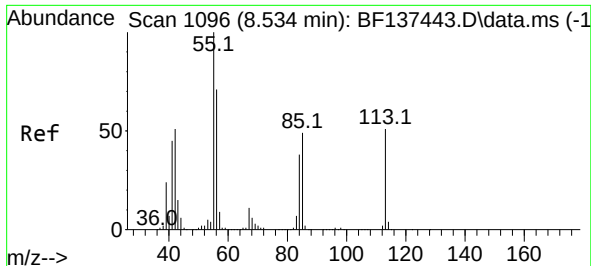
Reviewed By :Jagrut Upadhyay 03/20/2024
Supervised By :mohammad ahmed 03/21/2024



#34
Hexachlorobutadiene
Concen: 46.092 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

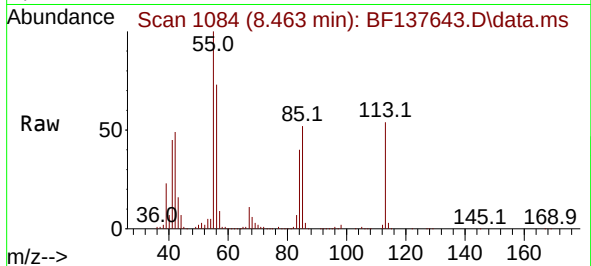
Tgt Ion:225 Resp: 299504
Ion Ratio Lower Upper
225 100
223 62.0 50.7 76.1
227 64.4 50.6 75.8





#35
Caprolactam
Concen: 42.677 ng m
RT: 8.463 min Scan# 1103
Delta R.T. 0.006 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

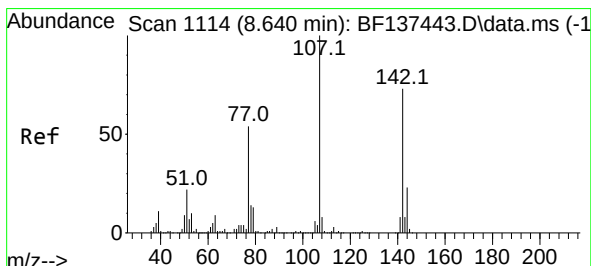
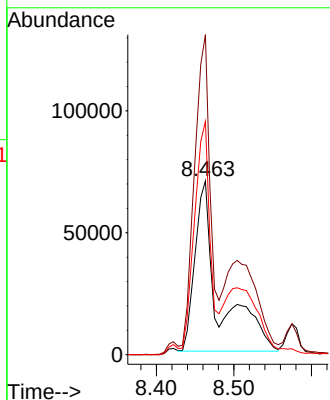
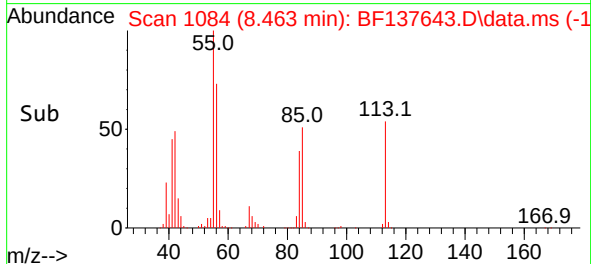
Instrument :
BNA_F
ClientSampleId :
PB159643BS



Tgt Ion:113 Resp: 151354
Ion Ratio Lower Upper
113 100
55 184.2 176.7 216.7
56 134.3 120.6 160.6

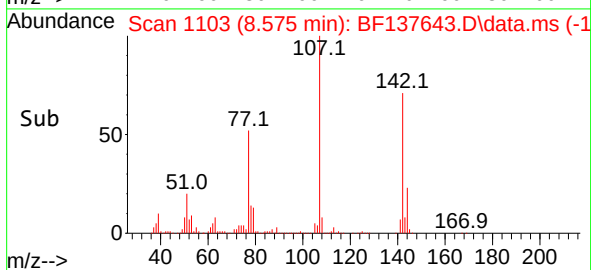
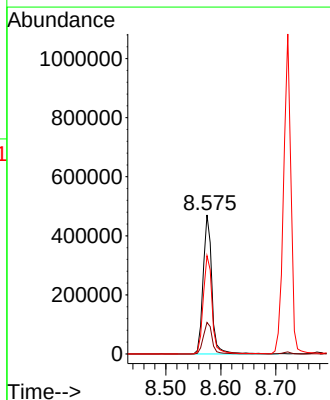
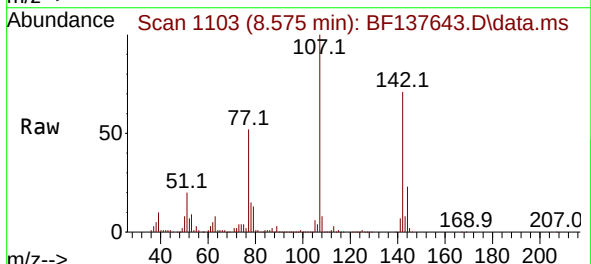
Manual Integrations
APPROVED

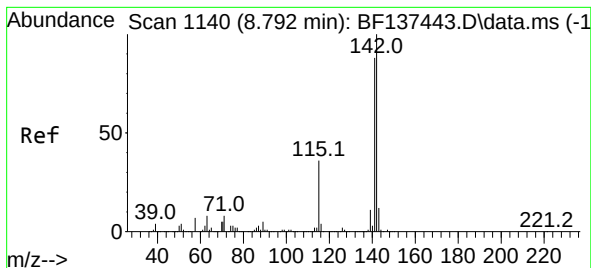
Reviewed By :Jagrut Upadhyay 03/20/2024
Supervised By :mohammad ahmed 03/21/2024



#36
4-Chloro-3-methylphenol
Concen: 44.435 ng
RT: 8.575 min Scan# 1103
Delta R.T. 0.006 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Tgt Ion:107 Resp: 519492
Ion Ratio Lower Upper
107 100
144 22.7 18.7 28.1
142 70.7 58.2 87.2





#37
2-Methylnaphthalene
Concen: 41.236 ng
RT: 8.722 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

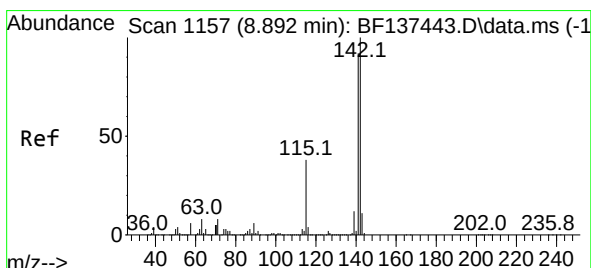
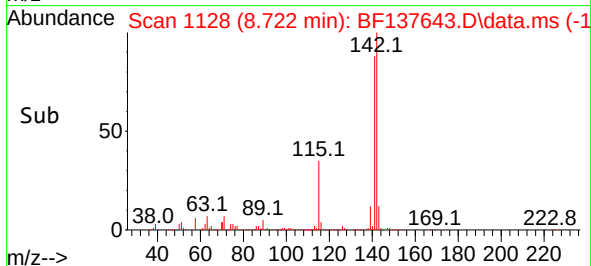
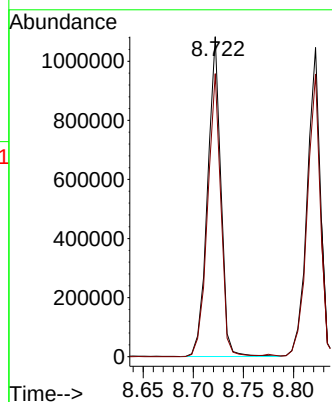
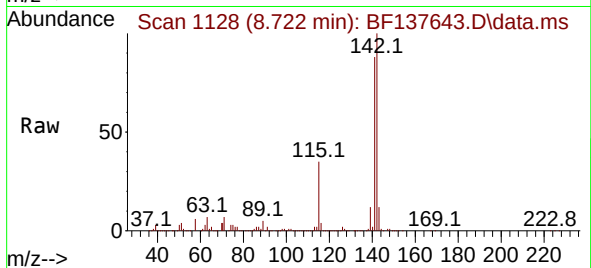
PB159643BS

Tgt Ion:142 Resp: 1002174
Ion Ratio Lower Upper
142 100
141 88.4 70.4 105.6

Manual Integrations

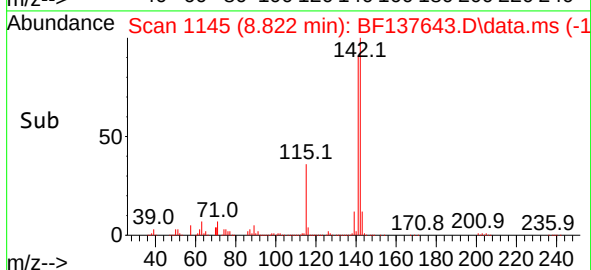
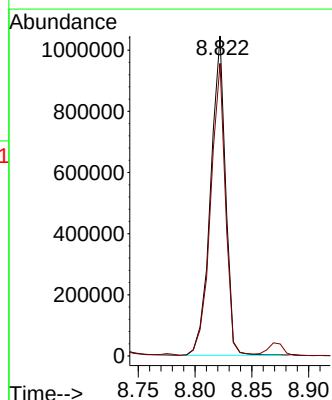
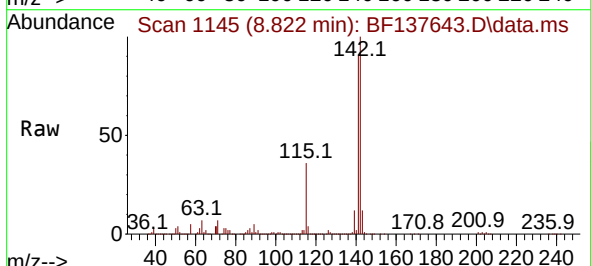
APPROVED

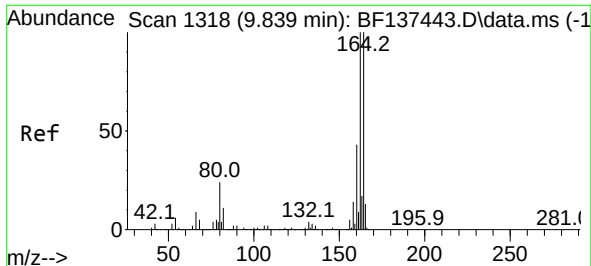
Reviewed By :Jagrut Upadhyay 03/20/2024
Supervised By :mohammad ahmed 03/21/2024



#38
1-Methylnaphthalene
Concen: 41.654 ng
RT: 8.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Tgt Ion:142 Resp: 953344
Ion Ratio Lower Upper
142 100
141 91.5 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1156

Delta R.T. 0.000 min

Lab File: BF137643.D

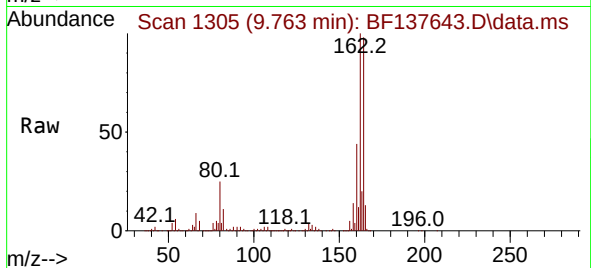
Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

PB159643BS



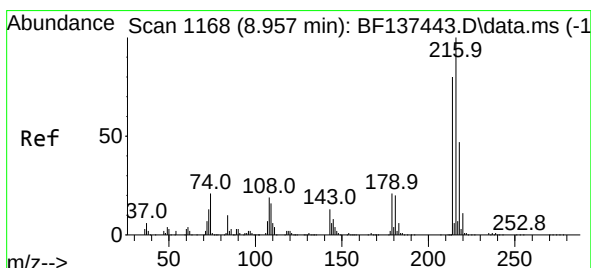
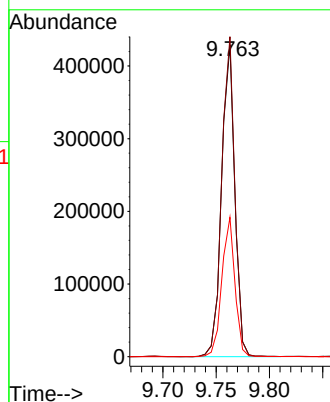
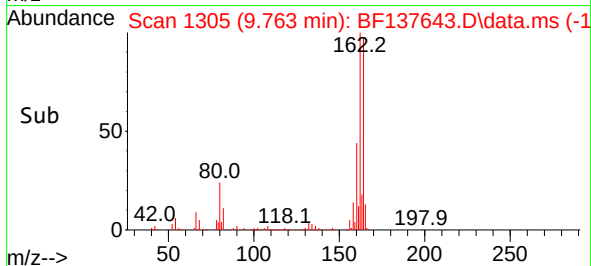
Tgt Ion:164 Resp: 370315

Ion	Ratio	Lower	Upper
164	100		
162	102.5	79.8	119.8
160	44.7	34.4	51.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/20/2024
Supervised By :mohammad ahmed 03/21/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.358 ng

RT: 8.887 min Scan# 1156

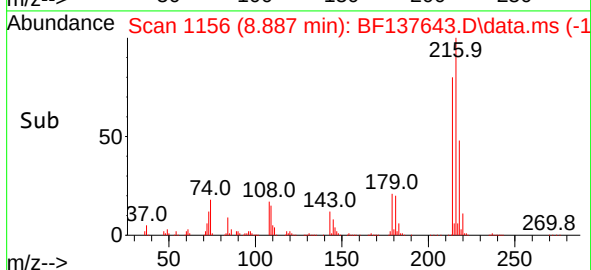
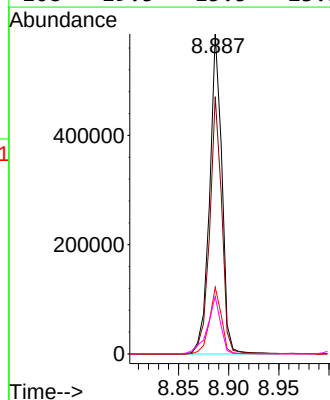
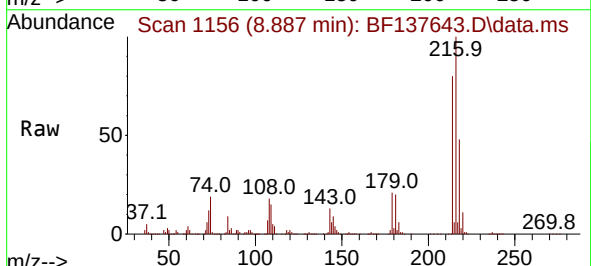
Delta R.T. 0.000 min

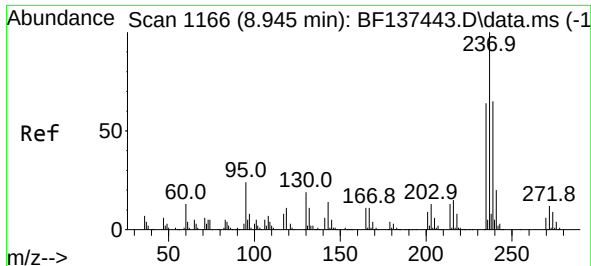
Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

Tgt Ion:216 Resp: 499935

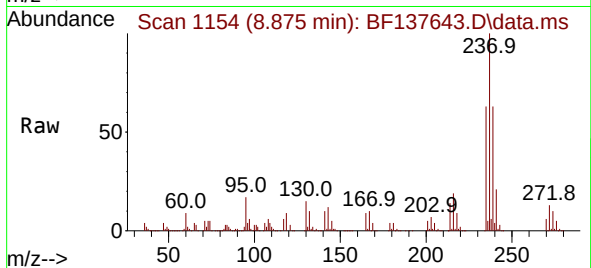
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.5	95.3
179	20.4	16.6	25.0
108	19.5	15.5	23.3





#41
Hexachlorocyclopentadiene
Concen: 83.898 ng
RT: 8.875 min Scan# 1166
Delta R.T. 0.006 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

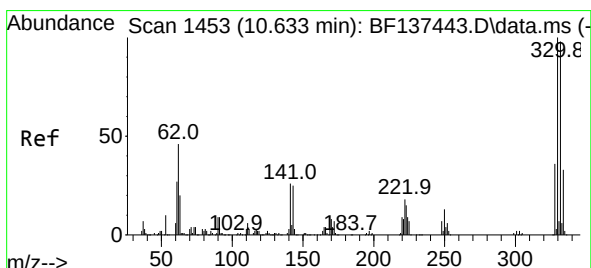
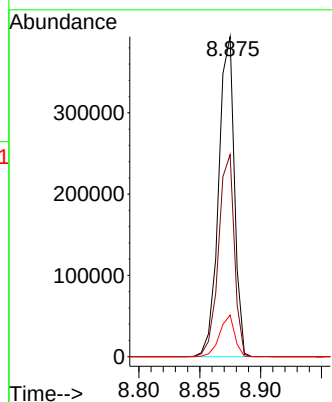
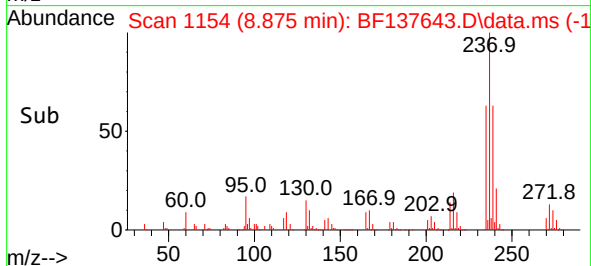
Instrument :
BNA_F
ClientSampleId :
PB159643BS



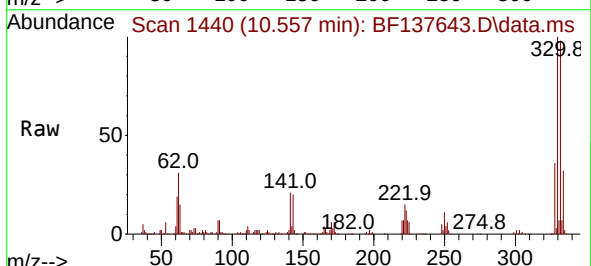
Tgt Ion: 237 Resp: 355850
Ion Ratio Lower Upper
237 100
235 63.2 43.6 83.6
272 13.0 0.0 31.9

Manual Integrations
APPROVED

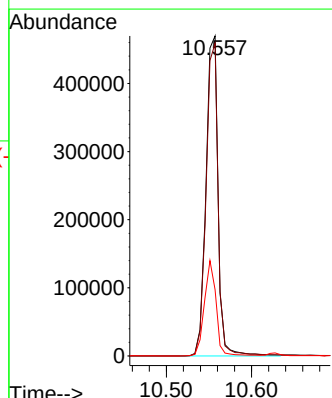
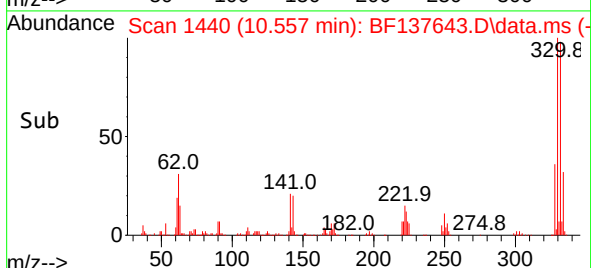
Reviewed By : Jagrut Upadhyay 03/20/2024
Supervised By : mohammad ahmed 03/21/2024

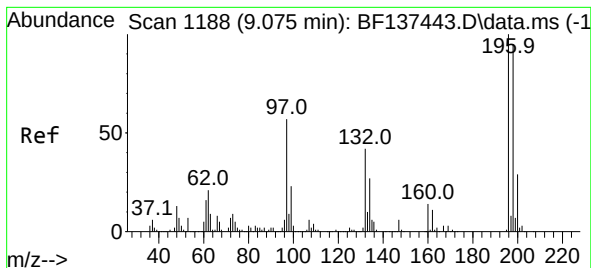


#42
2,4,6-Tribromophenol
Concen: 142.284 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42



Tgt Ion: 330 Resp: 462709
Ion Ratio Lower Upper
330 100
332 97.1 78.0 117.0
141 29.0 27.3 40.9





#43

2,4,6-Trichlorophenol

Concen: 47.407 ng

RT: 9.004 min Scan# 1185

Delta R.T. 0.006 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

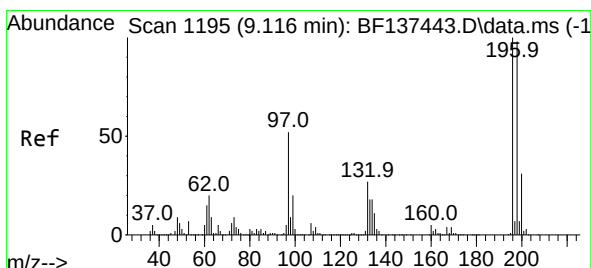
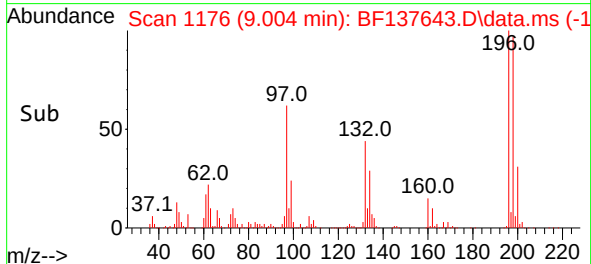
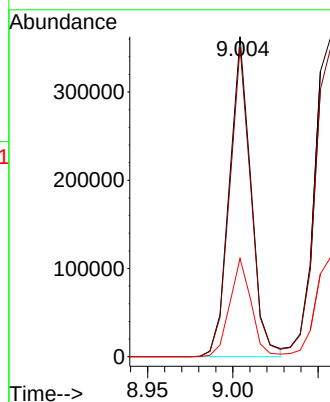
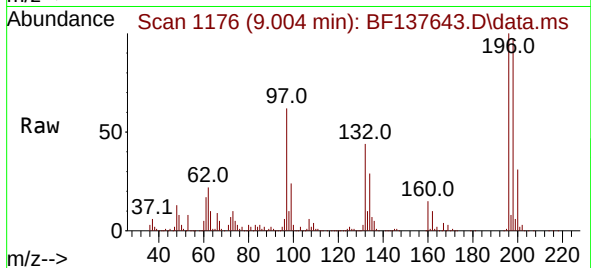
PB159643BS

Tgt Ion:196	Resp:	31915
Ion Ratio	Lower	Upper
196	100	
198	96.8	75.8 113.8
200	30.7	23.5 35.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/20/2024
Supervised By :mohammad ahmed 03/21/2024



#44

2,4,5-Trichlorophenol

Concen: 44.756 ng

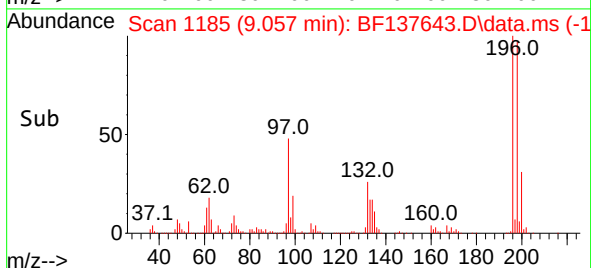
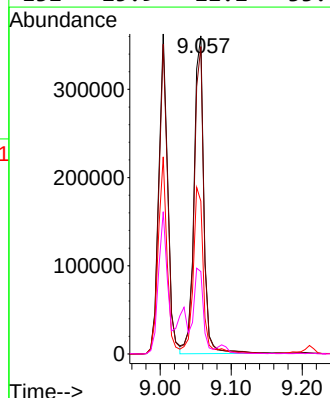
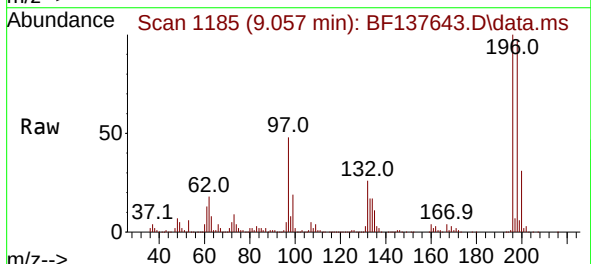
RT: 9.057 min Scan# 1185

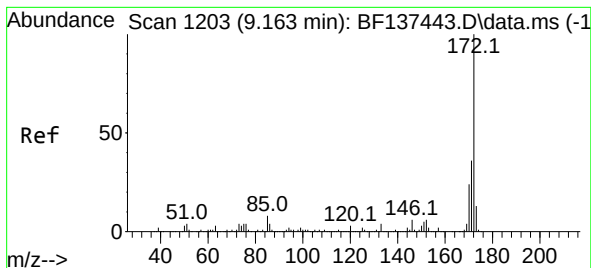
Delta R.T. 0.018 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

Tgt Ion:196	Resp:	347096
Ion Ratio	Lower	Upper
196	100	
198	96.6	78.6 117.8
97	48.0	41.8 62.8
132	25.9	22.2 33.4





#45

2-Fluorobiphenyl

Concen: 86.302 ng

RT: 9.087 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

PB159643BS

Tgt Ion:172 Resp: 204163

Ion Ratio Lower Upper

172 100

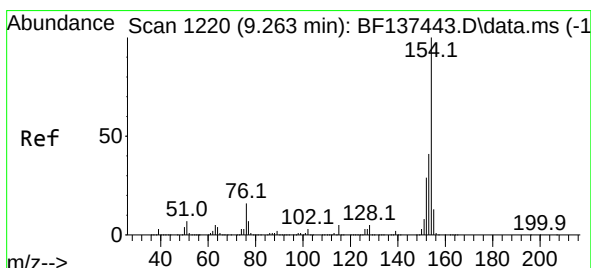
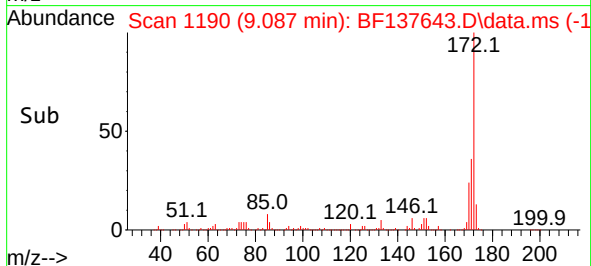
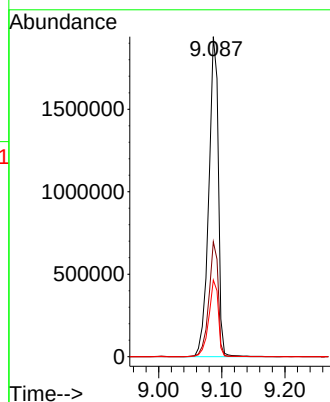
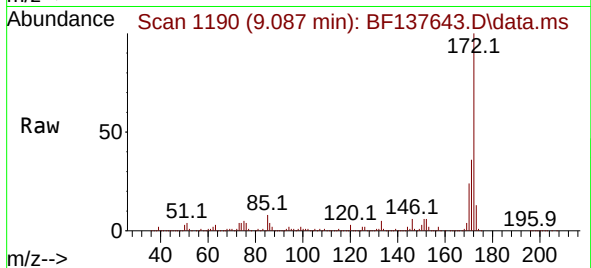
171 35.9 28.5 42.7

170 24.0 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/20/2024
Supervised By :mohammad ahmed 03/21/2024



#46

1,1'-Biphenyl

Concen: 45.660 ng

RT: 9.187 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

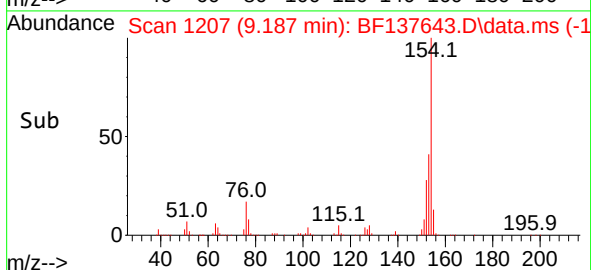
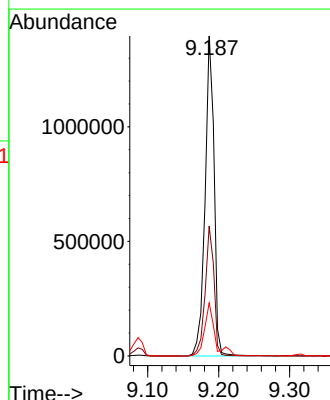
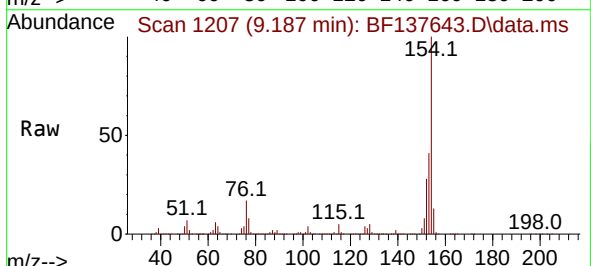
Tgt Ion:154 Resp: 1237570

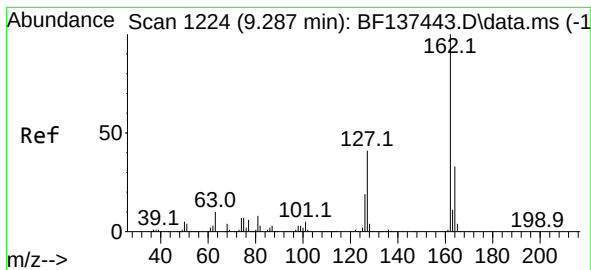
Ion Ratio Lower Upper

154 100

153 40.5 21.0 61.0

76 16.5 0.0 35.8





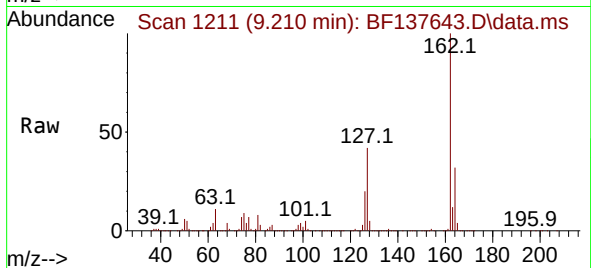
#47
2-Chloronaphthalene
Concen: 47.437 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

PB159643BS

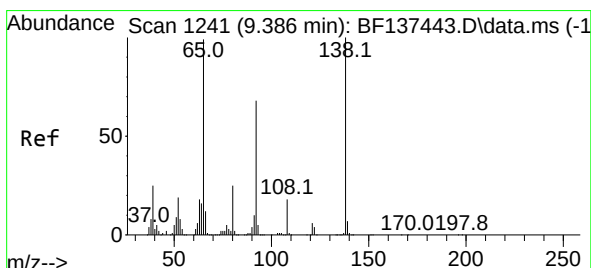
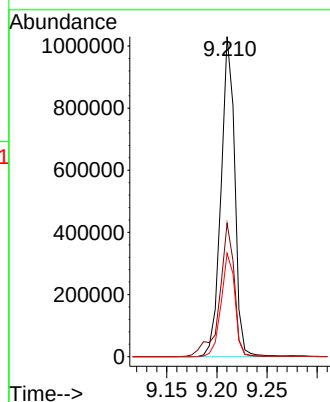
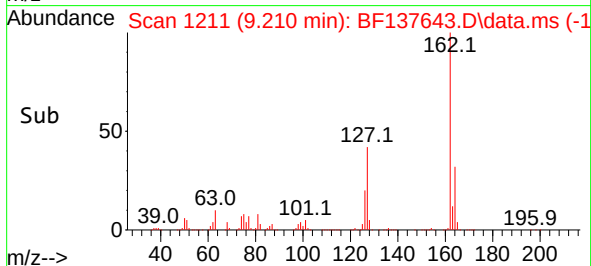


Tgt Ion:162 Resp: 980258
Ion Ratio Lower Upper
162 100
127 41.7 32.6 49.0
164 32.3 26.5 39.7

Manual Integrations

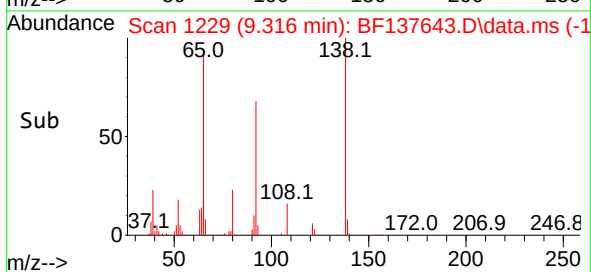
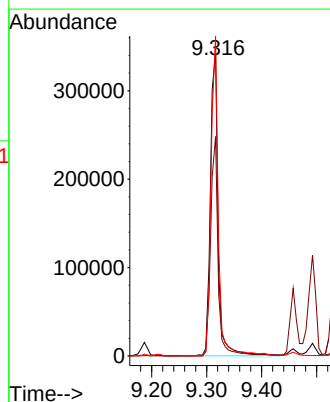
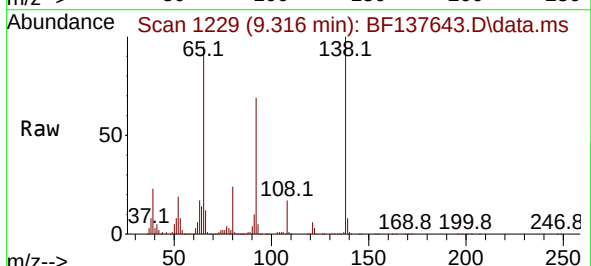
APPROVED

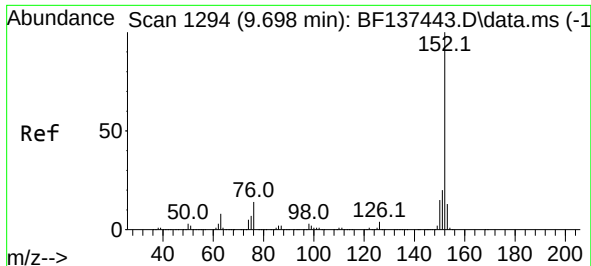
Reviewed By :Jagrut Upadhyay 03/20/2024
Supervised By :mohammad ahmed 03/21/2024



#48
2-Nitroaniline
Concen: 47.423 ng
RT: 9.316 min Scan# 1229
Delta R.T. 0.006 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Tgt Ion: 65 Resp: 333083
Ion Ratio Lower Upper
65 100
92 72.2 55.4 83.2
138 105.3 81.0 121.6





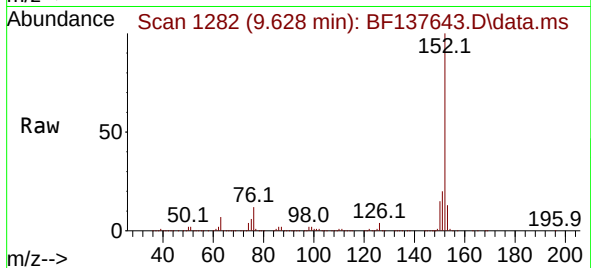
#49
Acenaphthylene
Concen: 46.405 ng
RT: 9.628 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

PB159643BS

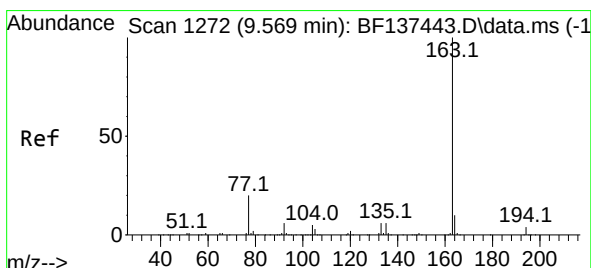
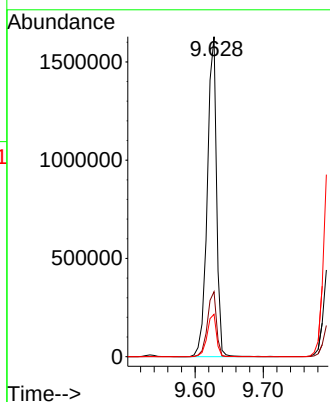
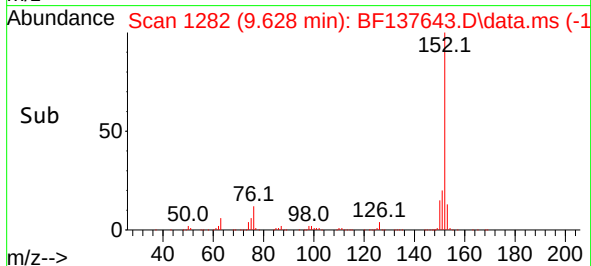


Tgt Ion:152 Resp: 1534600
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.2 10.8 16.2

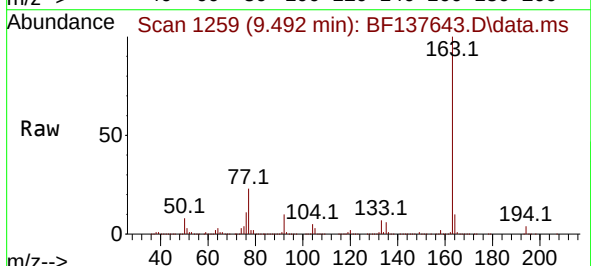
Manual Integrations

APPROVED

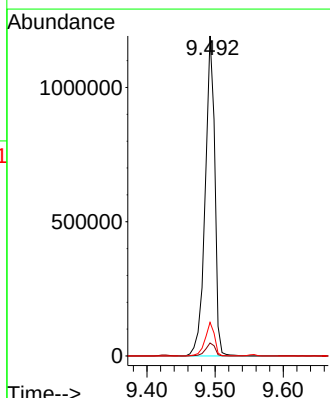
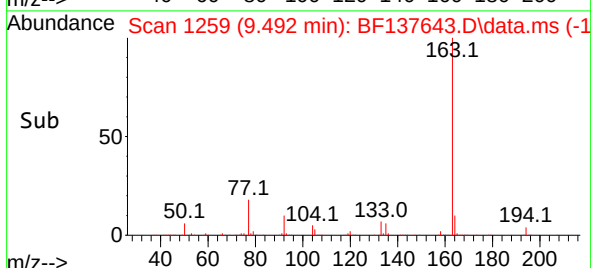
Reviewed By :Jagrut Upadhyay 03/20/2024
Supervised By :mohammad ahmed 03/21/2024

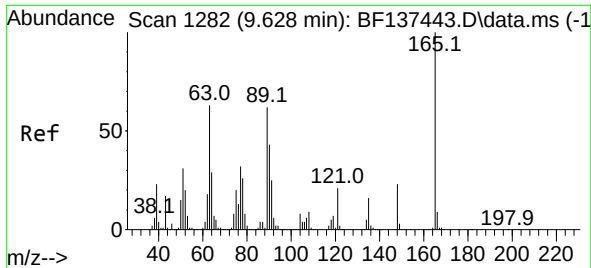


#50
Dimethylphthalate
Concen: 45.257 ng
RT: 9.492 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42



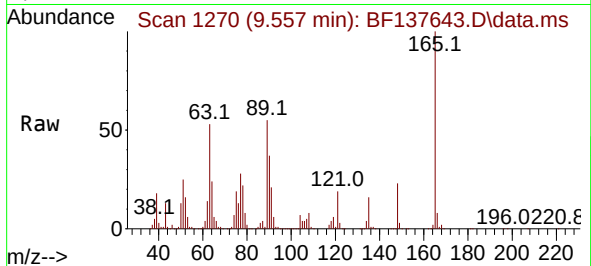
Tgt Ion:163 Resp: 1166639
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.5 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 47.759 ng
RT: 9.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

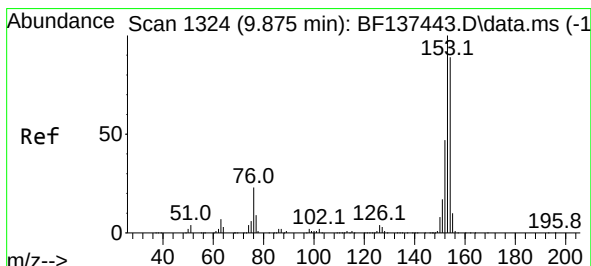
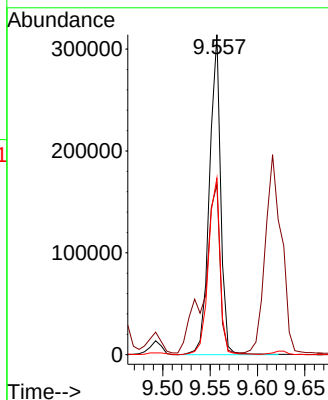
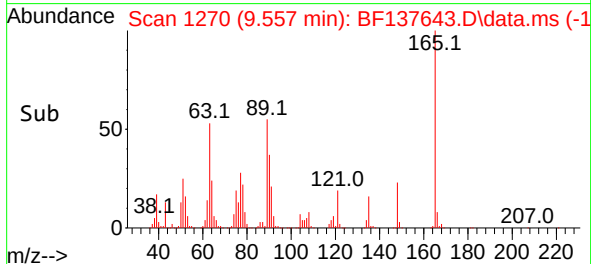
Instrument :
BNA_F
ClientSampleId :
PB159643BS



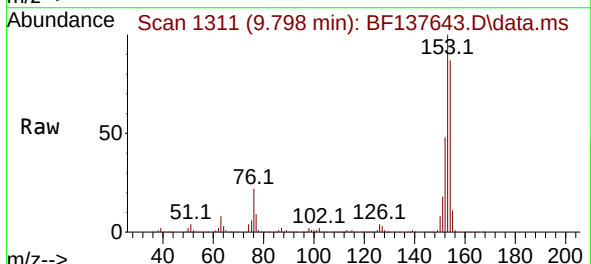
Tgt Ion:165 Resp: 25750
Ion Ratio Lower Upper
165 100
63 53.1 50.7 76.1
89 55.1 50.0 75.0

Manual Integrations
APPROVED

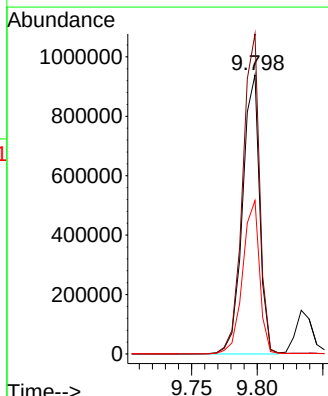
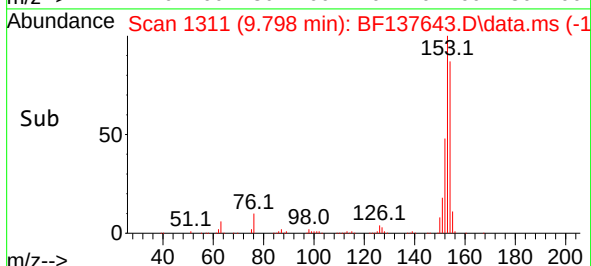
Reviewed By :Jagrut Upadhyay 03/20/2024
Supervised By :mohammad ahmed 03/21/2024

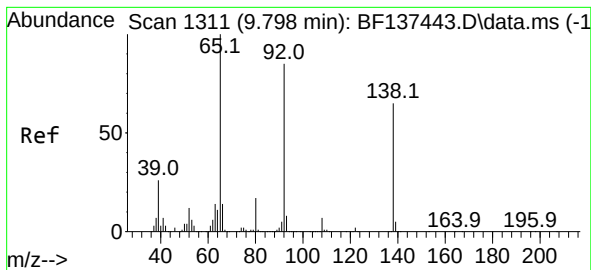


#52
Acenaphthene
Concen: 43.261 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42



Tgt Ion:154 Resp: 854100
Ion Ratio Lower Upper
154 100
153 114.6 90.3 135.5
152 55.0 42.7 64.1





#53
3-Nitroaniline
Concen: 27.041 ng
RT: 9.728 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

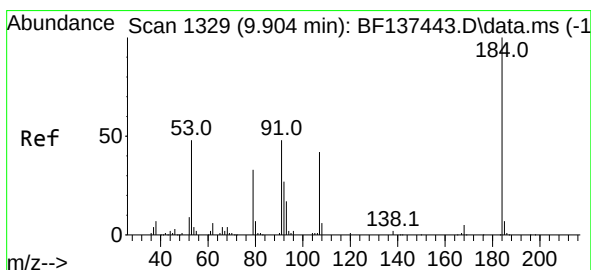
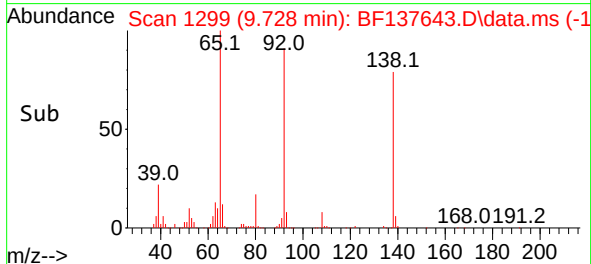
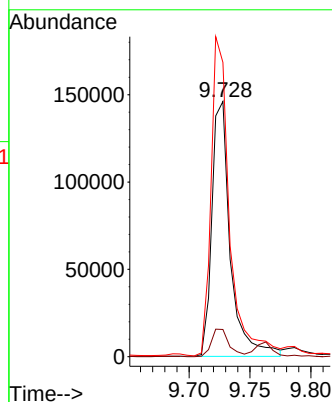
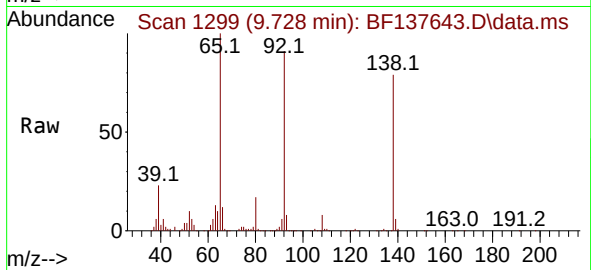
PB159643BS

Tgt Ion:138 Resp: 15421
Ion Ratio Lower Upper
138 100
108 10.6 9.1 13.7
92 115.3 104.6 157.0

Manual Integrations

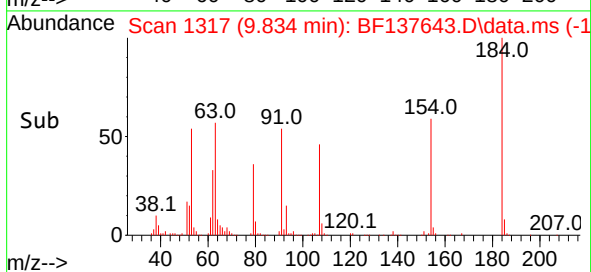
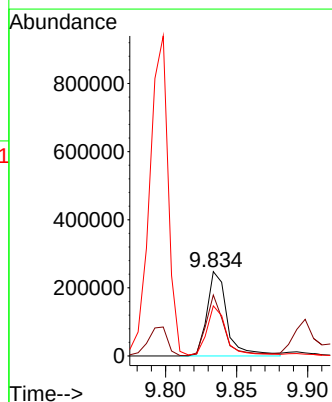
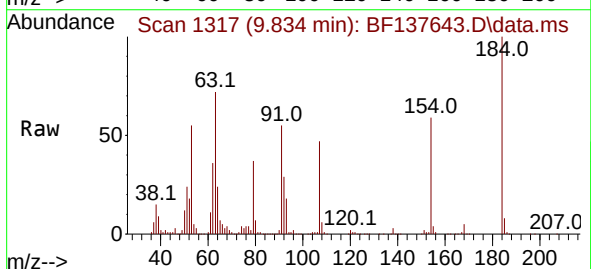
APPROVED

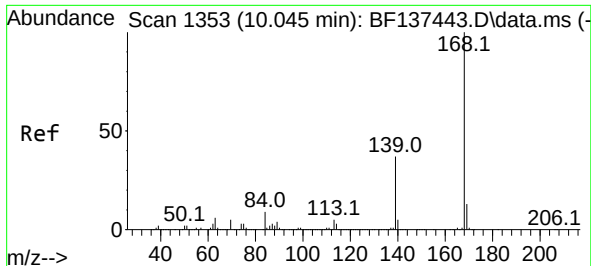
Reviewed By :Jagrut Upadhyay 03/20/2024
Supervised By :mohammad ahmed 03/21/2024



#54
2,4-Dinitrophenol
Concen: 92.304 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Tgt Ion:184 Resp: 246452
Ion Ratio Lower Upper
184 100
63 72.2 53.3 79.9
154 59.4 47.4 71.0





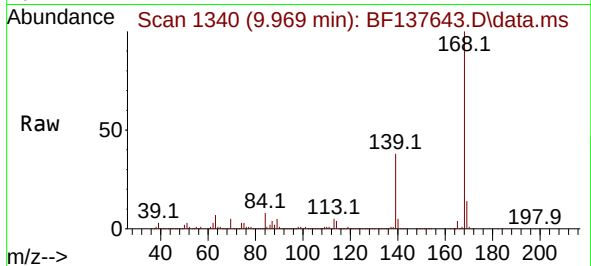
#55
Dibenzenofuran
Concen: 43.228 ng
RT: 9.969 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

PB159643BS

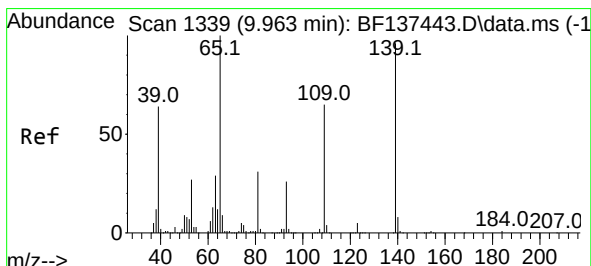
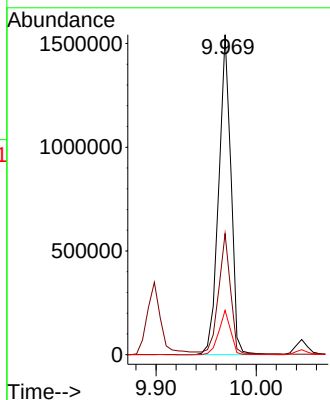
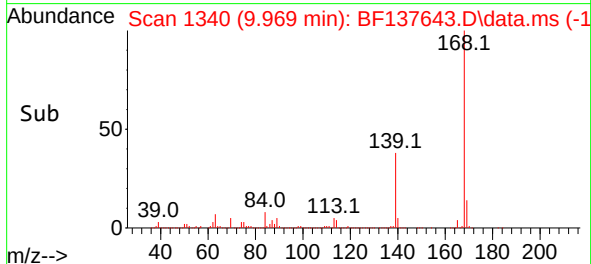


Tgt Ion:168 Resp: 1299879
Ion Ratio Lower Upper
168 100
139 37.8 29.8 44.6
169 13.8 10.8 16.2

Manual Integrations

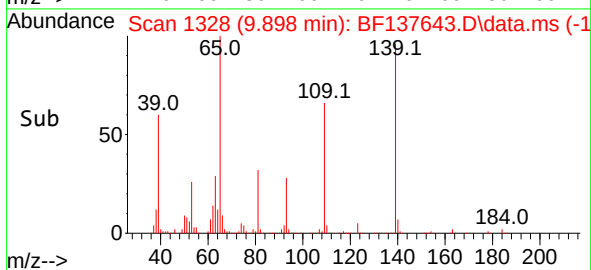
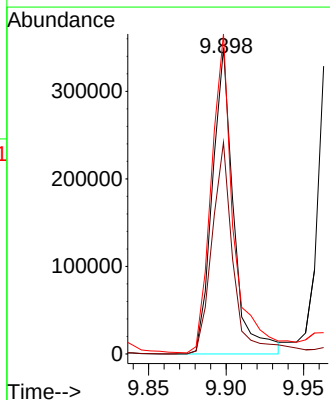
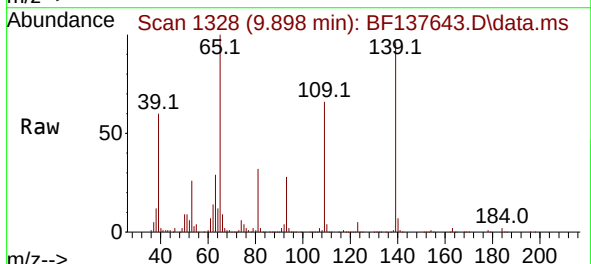
APPROVED

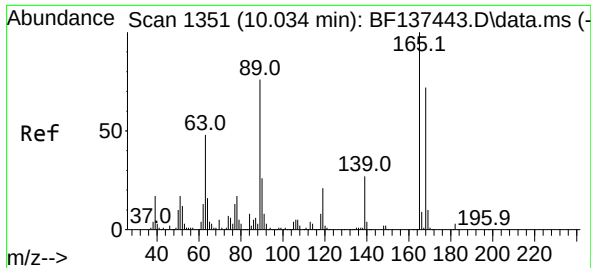
Reviewed By :Jagrut Upadhyay 03/20/2024
Supervised By :mohammad ahmed 03/21/2024



#56
4-Nitrophenol
Concen: 81.901 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.012 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Tgt Ion:139 Resp: 332776
Ion Ratio Lower Upper
139 100
109 69.1 47.1 87.1
65 104.5 85.1 125.1





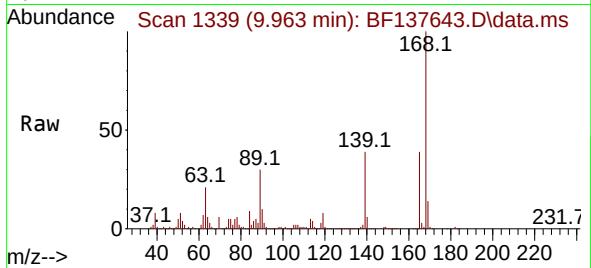
#57
2,4-Dinitrotoluene
Concen: 48.293 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

PB159643BS

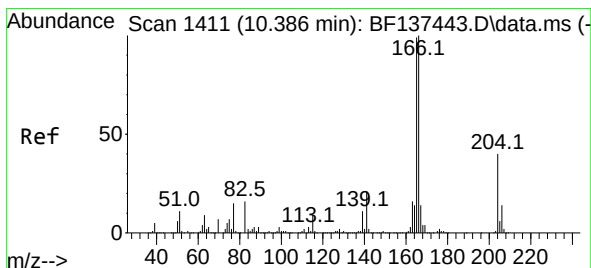
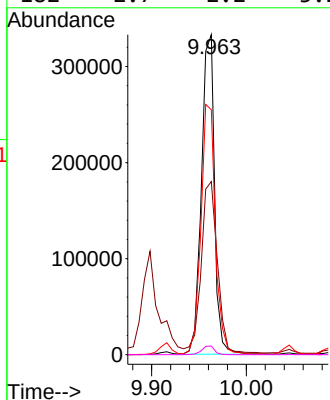
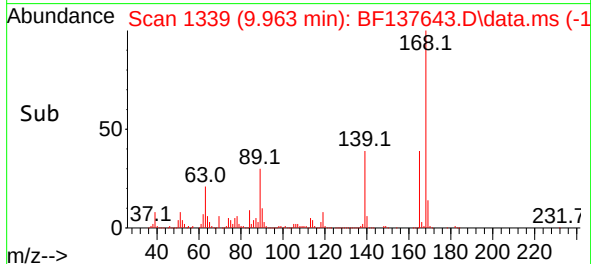


Tgt Ion:165 Resp: 31990
Ion Ratio Lower Upper
165 100
63 54.1 39.0 58.6
89 76.5 60.9 91.3
182 2.7 2.2 3.2

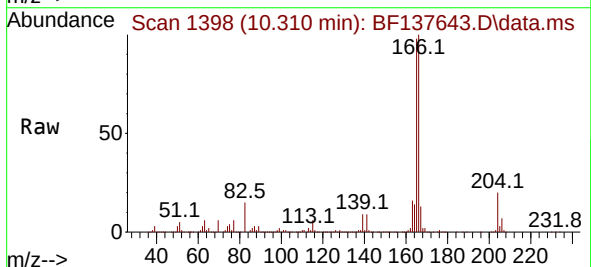
Manual Integrations

APPROVED

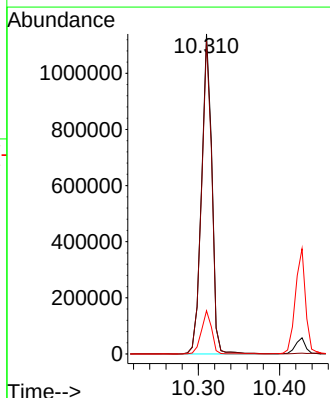
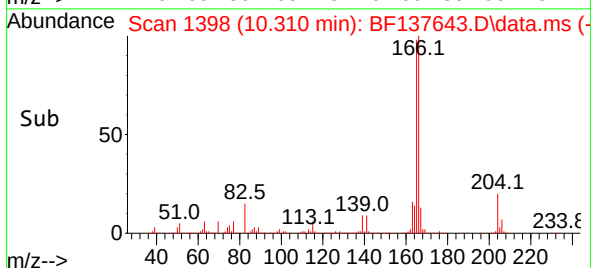
Reviewed By :Jagrut Upadhyay 03/20/2024
Supervised By :mohammad ahmed 03/21/2024

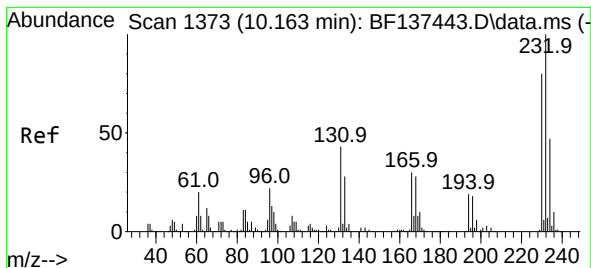


#58
Fluorene
Concen: 43.412 ng
RT: 10.310 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42



Tgt Ion:166 Resp: 1002532
Ion Ratio Lower Upper
166 100
165 97.8 79.2 118.8
167 13.5 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.960 ng
RT: 10.087 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

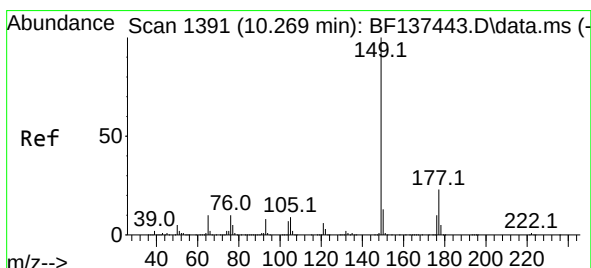
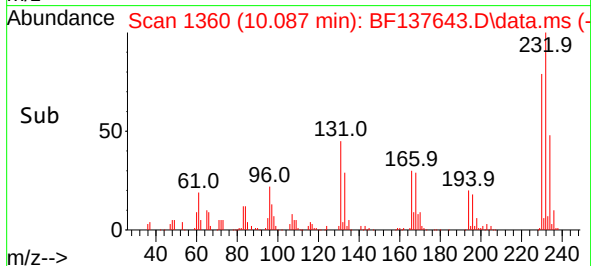
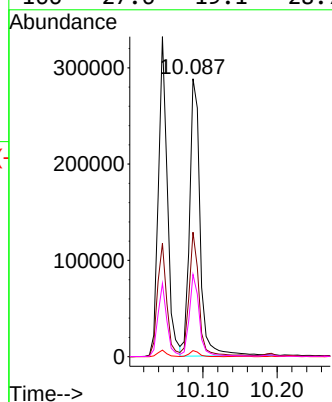
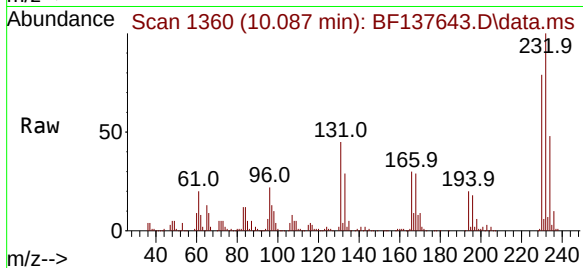
PB159643BS

Tgt Ion:232 Resp: 285829
Ion Ratio Lower Upper
232 100
131 40.2 31.2 46.8
130 2.1 1.8 2.6
166 27.6 19.1 28.7

Manual Integrations

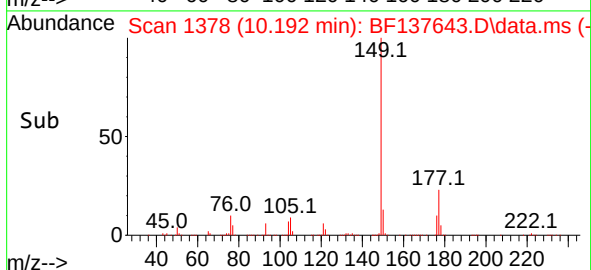
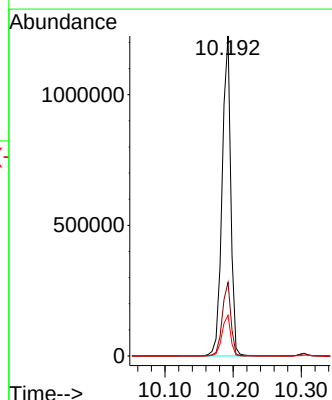
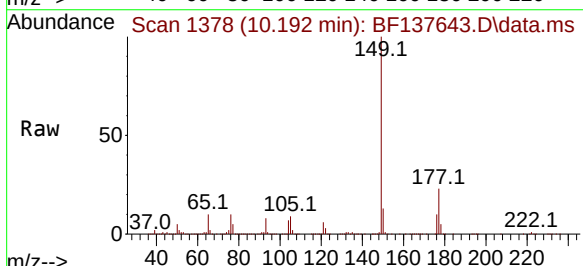
APPROVED

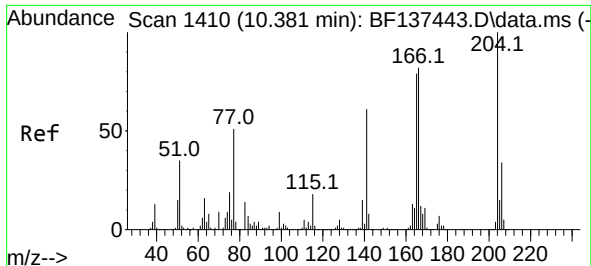
Reviewed By :Jagrut Upadhyay 03/20/2024
Supervised By :mohammad ahmed 03/21/2024



#60
Diethylphthalate
Concen: 44.308 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Tgt Ion:149 Resp: 1078597
Ion Ratio Lower Upper
149 100
177 23.0 18.7 28.1
150 12.7 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 43.492 ng
RT: 10.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

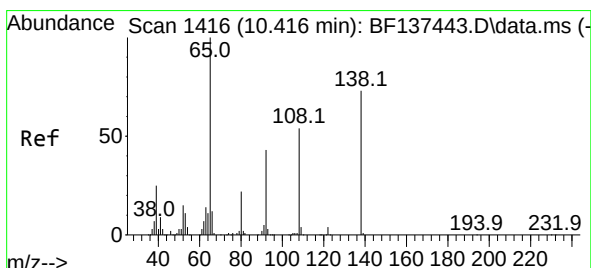
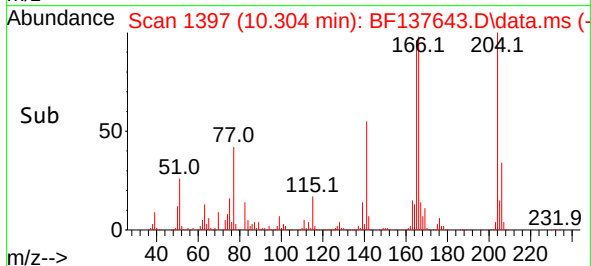
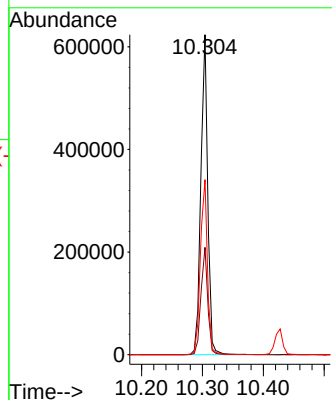
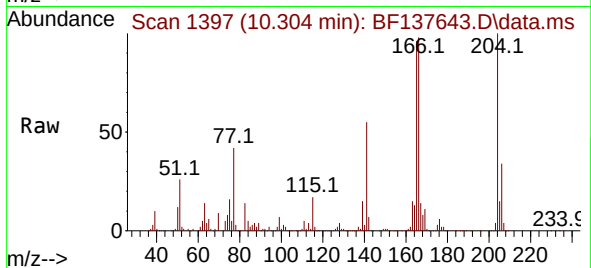
PB159643BS

Tgt Ion:204 Resp: 49224
Ion Ratio Lower Upper
204 100
206 33.6 27.4 41.0
141 54.7 48.4 72.6

Manual Integrations

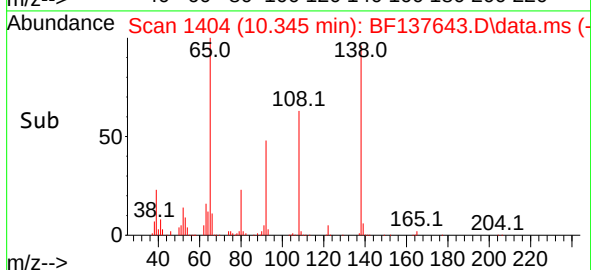
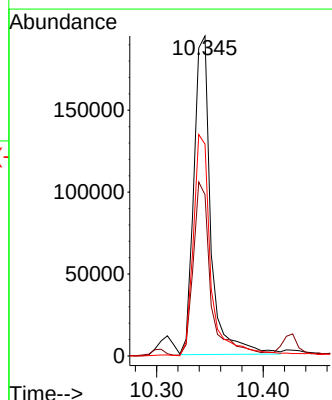
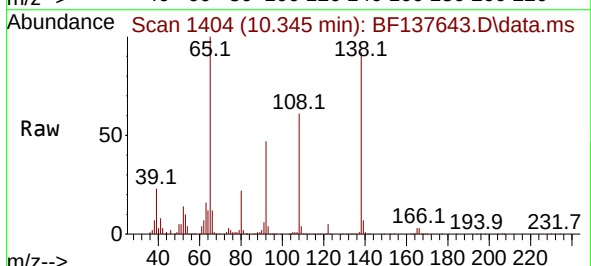
APPROVED

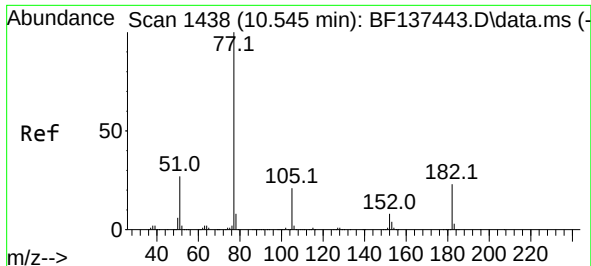
Reviewed By :Jagrut Upadhyay 03/20/2024
Supervised By :mohammad ahmed 03/21/2024



#62
4-Nitroaniline
Concen: 44.096 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.012 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Tgt Ion:138 Resp: 216147
Ion Ratio Lower Upper
138 100
92 50.4 37.9 77.9
108 66.2 53.2 93.2





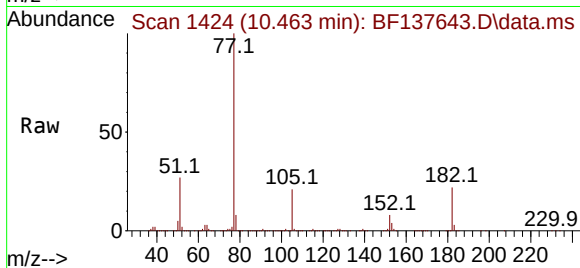
#63
Azobenzene
Concen: 42.037 ng
RT: 10.463 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

PB159643BS

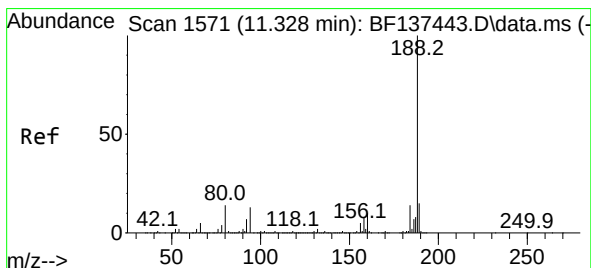
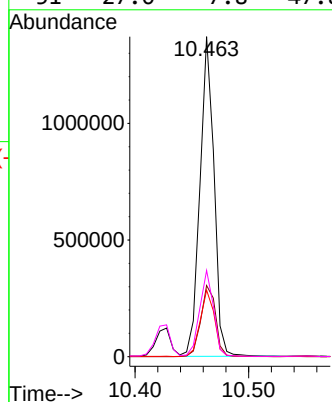
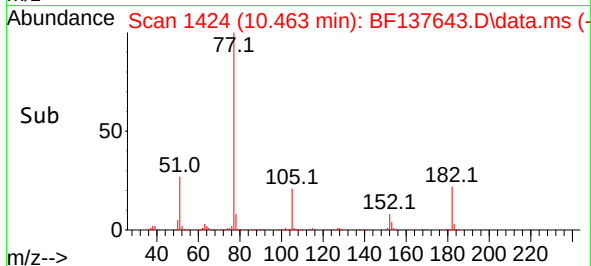


Tgt Ion: 77 Resp: 117834
Ion Ratio Lower Upper
77 100
182 22.3 3.2 43.2
105 20.8 1.2 41.2
51 27.0 7.8 47.8

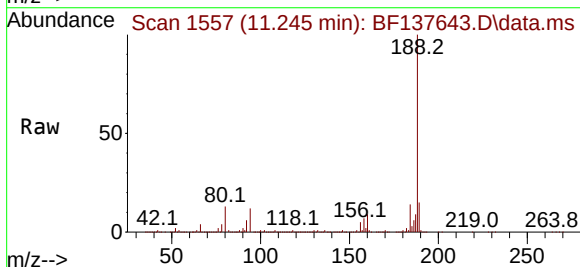
Manual Integrations

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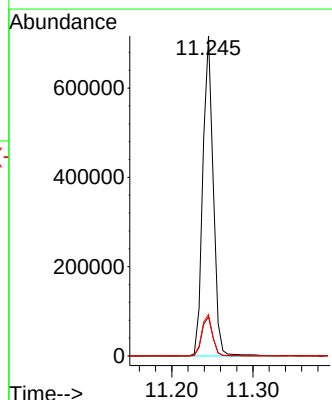
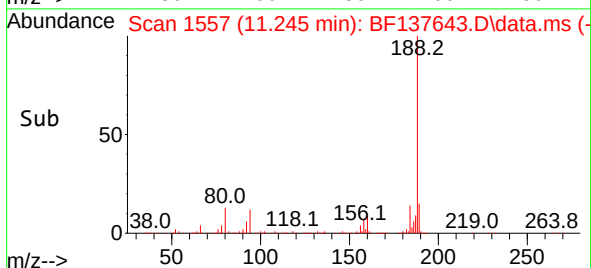
Reviewed By :Jagrut Upadhyay 03/20/2024
Supervised By :mohammad ahmed 03/21/2024

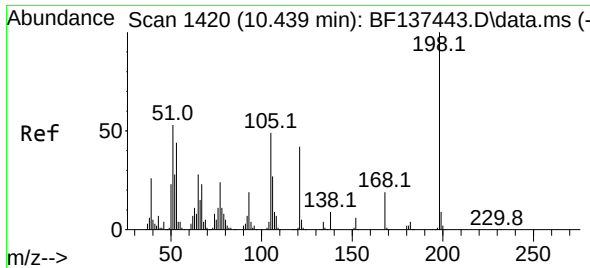


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.006 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42



Tgt Ion:188 Resp: 639032
Ion Ratio Lower Upper
188 100
94 12.2 10.6 15.8
80 13.0 11.5 17.3





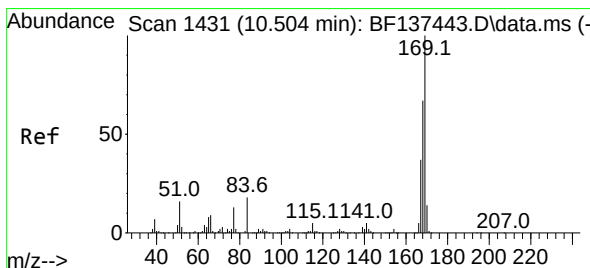
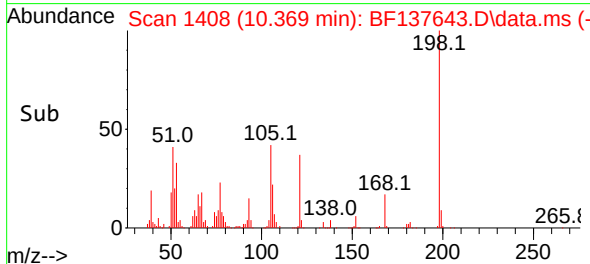
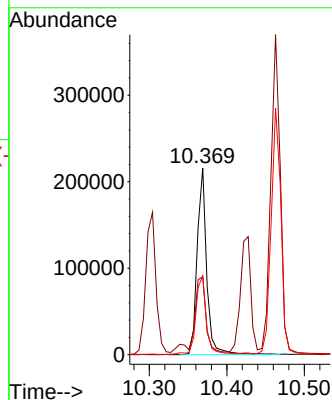
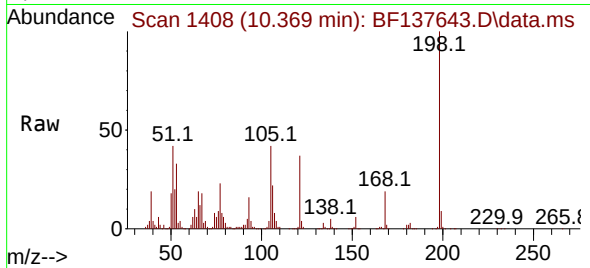
#65
4,6-Dinitro-2-methylphenol
Concen: 51.839 ng
RT: 10.369 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Instrument :
BNA_F
ClientSampleId :
PB159643BS

Tgt Ion:198 Resp: 184632
Ion Ratio Lower Upper
198 100
51 41.7 37.2 77.2
105 42.3 29.2 69.2

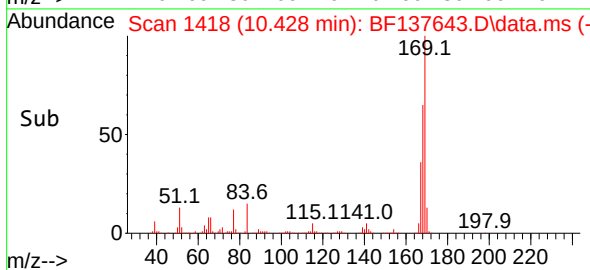
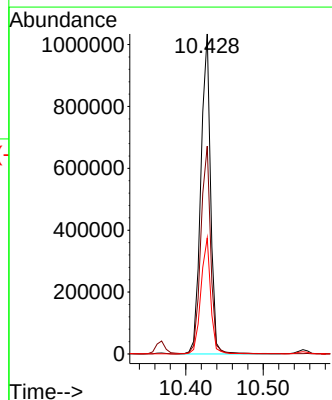
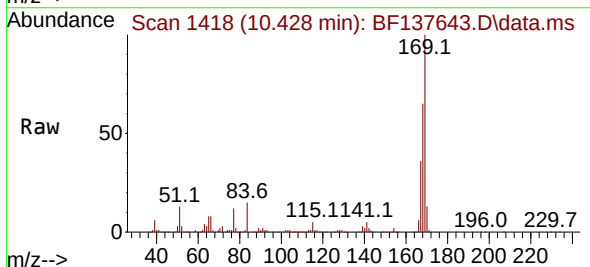
Manual Integrations
APPROVED

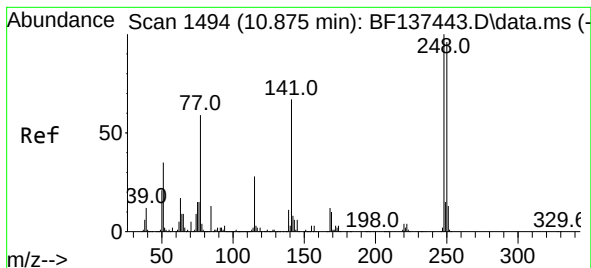
Reviewed By :Jagrut Upadhyay 03/20/2024
Supervised By :mohammad ahmed 03/21/2024



#66
n-Nitrosodiphenylamine
Concen: 43.814 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

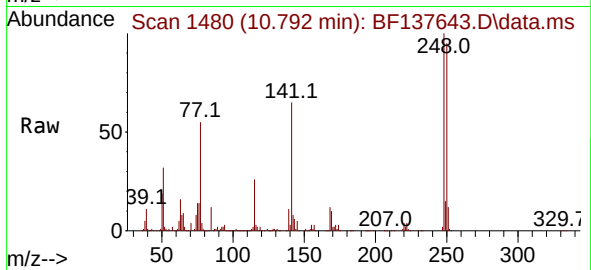
Tgt Ion:169 Resp: 901590
Ion Ratio Lower Upper
169 100
168 64.9 53.8 80.6
167 36.3 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 45.435 ng
RT: 10.792 min Scan# 1494
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

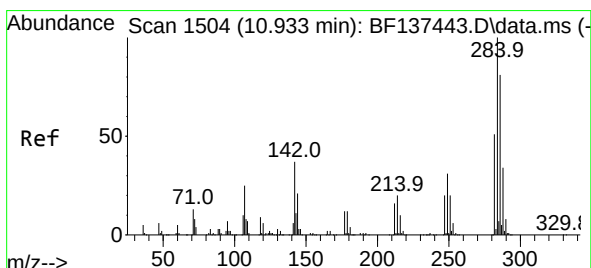
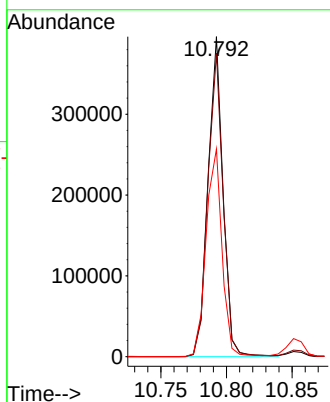
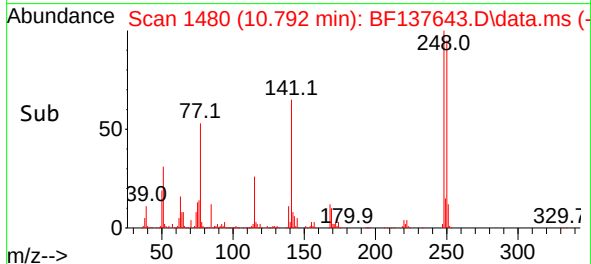
Instrument :
BNA_F
ClientSampleId :
PB159643BS



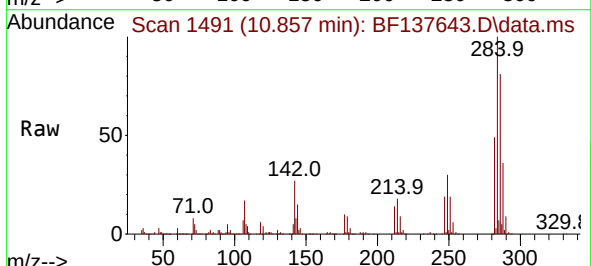
Tgt Ion:248 Resp: 316235
Ion Ratio Lower Upper
248 100
250 94.8 76.8 115.2
141 64.9 53.4 80.0

Manual Integrations
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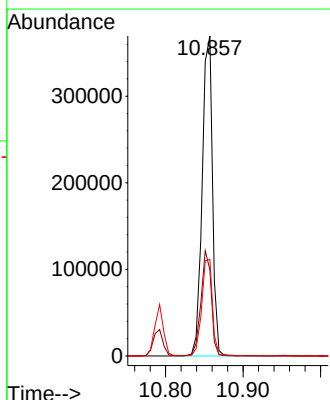
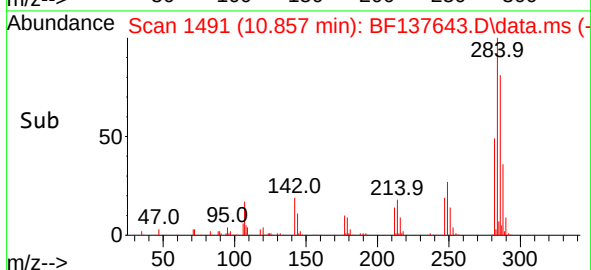
Reviewed By :Jagrut Upadhyay 03/20/2024
Supervised By :mohammad ahmed 03/21/2024

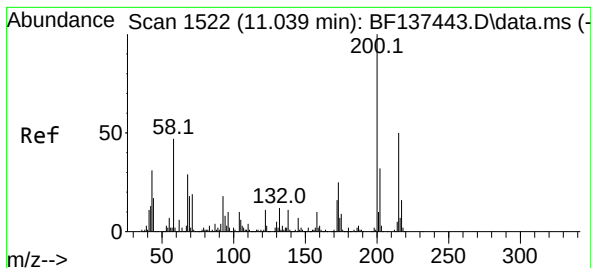


#68
Hexachlorobenzene
Concen: 48.498 ng
RT: 10.857 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42



Tgt Ion:284 Resp: 340937
Ion Ratio Lower Upper
284 100
142 27.0 29.4 44.0#
249 30.2 25.0 37.4





#69

Atrazine

Concen: 41.628 ng

RT: 10.957 min Scan# 1109

Delta R.T. 0.006 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

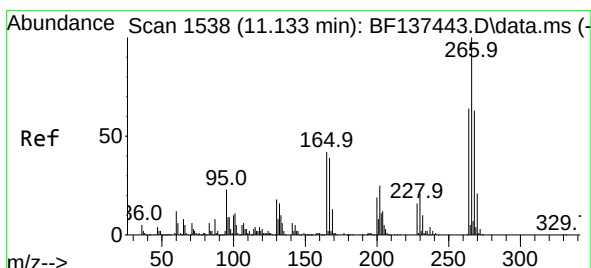
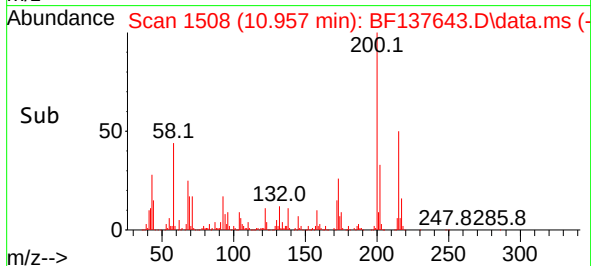
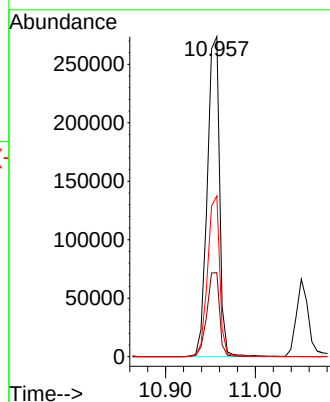
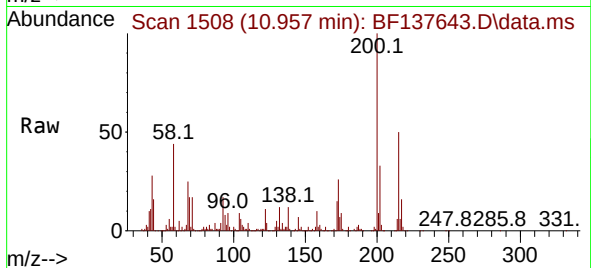
PB159643BS

Tgt Ion:200 Resp: 260400
 Ion Ratio Lower Upper
 200 100
 173 26.3 5.1 45.1
 215 50.3 30.4 70.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/20/2024
 Supervised By :mohammad ahmed 03/21/2024



#70

Pentachlorophenol

Concen: 85.397 ng

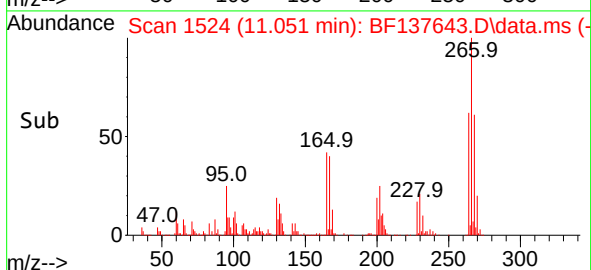
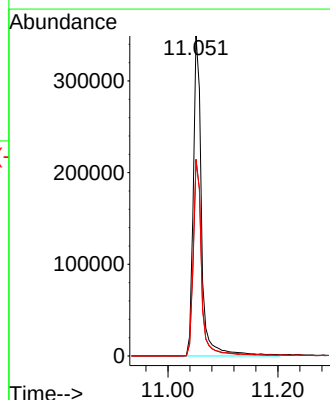
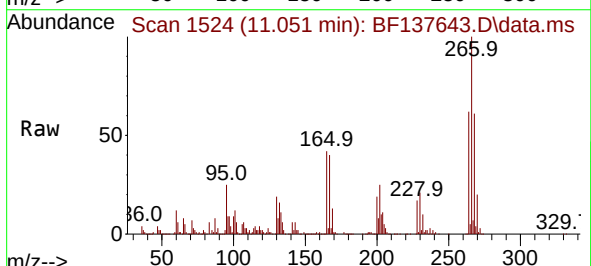
RT: 11.051 min Scan# 1524

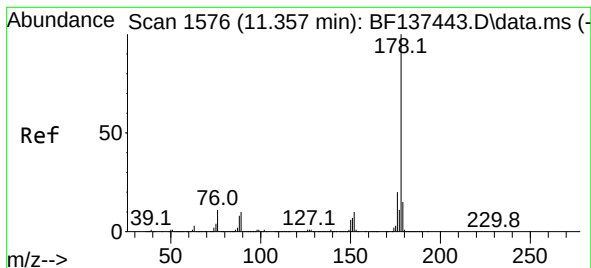
Delta R.T. 0.006 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

Tgt Ion:266 Resp: 362913
 Ion Ratio Lower Upper
 266 100
 268 61.2 50.2 75.2
 264 61.5 50.9 76.3





#71

Phenanthrene

Concen: 42.572 ng

RT: 11.269 min Scan# 1561

Delta R.T. 0.000 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

PB159643BS

Tgt Ion:178 Resp: 148055

Ion Ratio Lower Upper

178 100

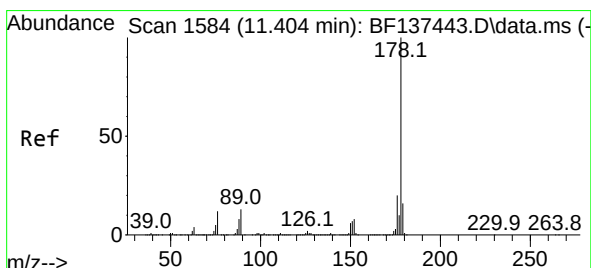
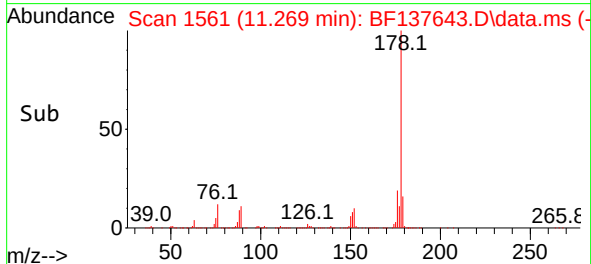
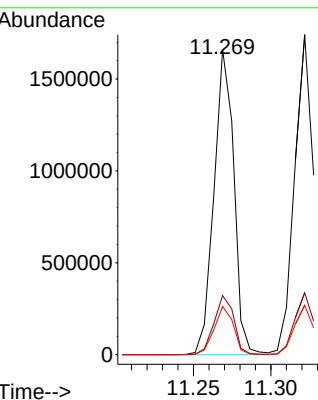
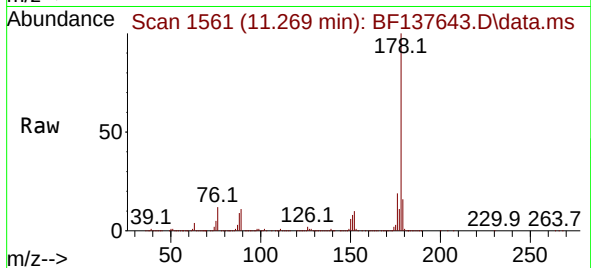
176 19.3 15.8 23.8

179 15.8 12.2 18.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/20/2024
Supervised By :mohammad ahmed 03/21/2024



#72

Anthracene

Concen: 42.612 ng

RT: 11.322 min Scan# 1570

Delta R.T. 0.006 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

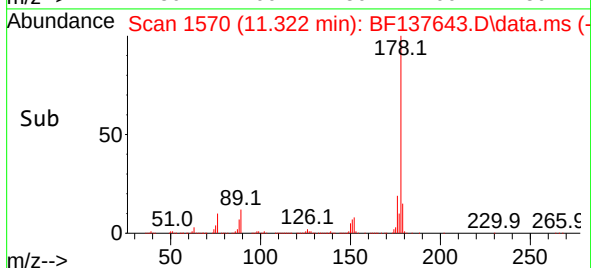
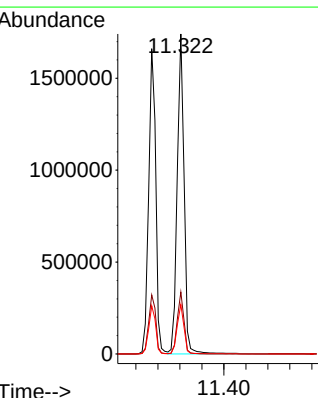
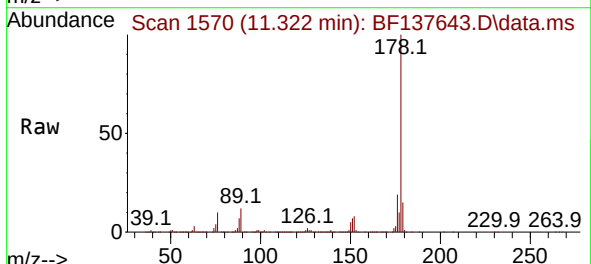
Tgt Ion:178 Resp: 1522019

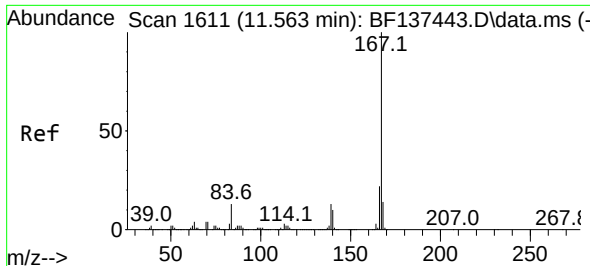
Ion Ratio Lower Upper

178 100

176 19.3 15.7 23.5

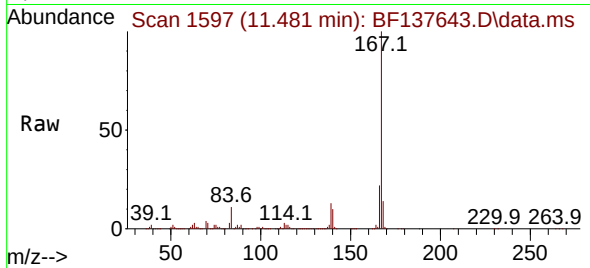
179 15.5 12.7 19.1





#73
 Carbazole
 Concen: 43.894 ng
 RT: 11.481 min Scan# 1653
 Delta R.T. 0.006 min
 Lab File: BF137643.D
 Acq: 19 Mar 2024 12:42

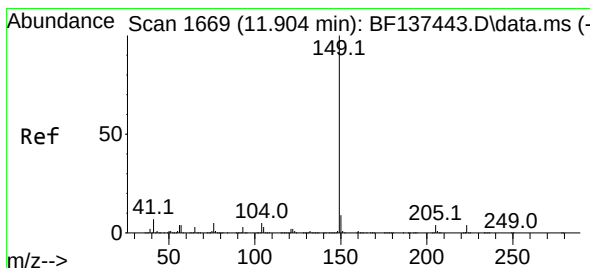
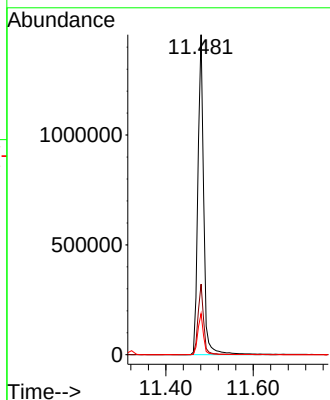
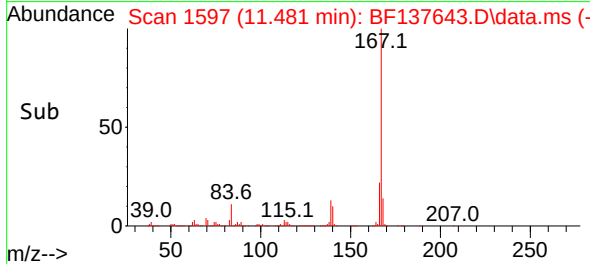
Instrument :
 BNA_F
 ClientSampleId :
 PB159643BS



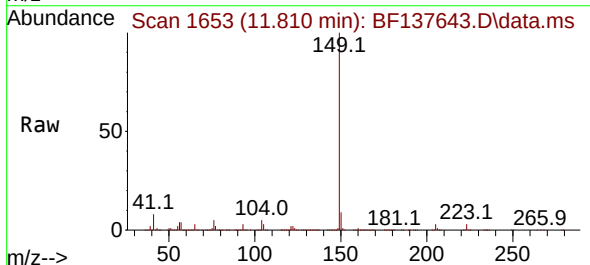
Tgt Ion:167 Resp: 1342940
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.8
 139 12.9 10.5 15.7

Manual Integrations
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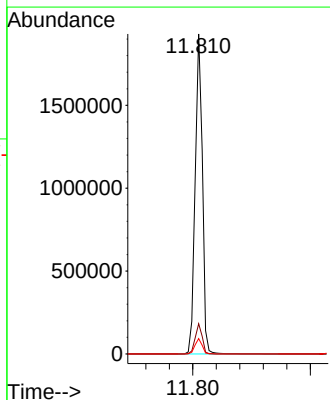
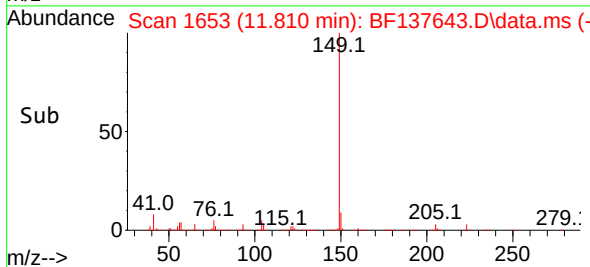
Reviewed By :Jagrut Upadhyay 03/20/2024
 Supervised By :mohammad ahmed 03/21/2024

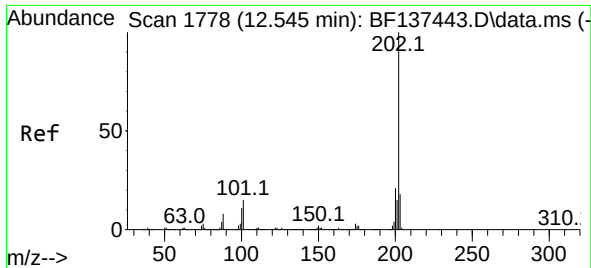


#74
 Di-n-butylphthalate
 Concen: 44.775 ng
 RT: 11.810 min Scan# 1653
 Delta R.T. 0.000 min
 Lab File: BF137643.D
 Acq: 19 Mar 2024 12:42



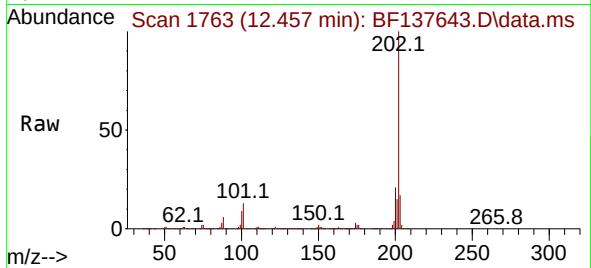
Tgt Ion:149 Resp: 1629853
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 4.8 3.8 5.6





#75
Fluoranthene
Concen: 43.303 ng
RT: 12.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

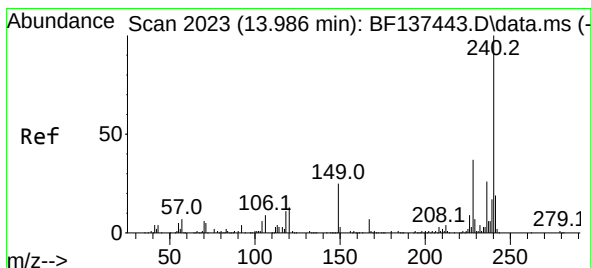
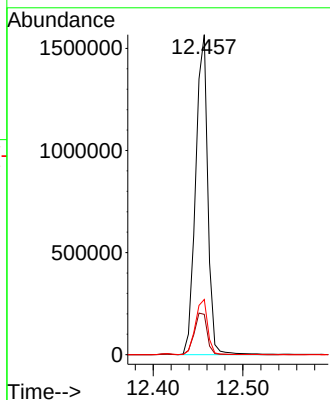
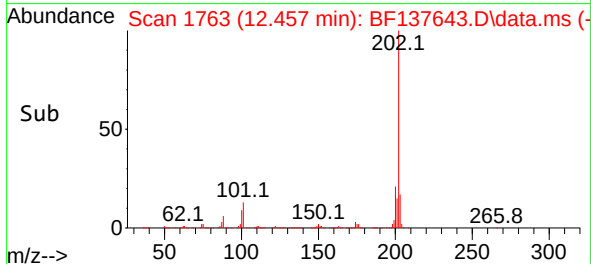
Instrument :
BNA_F
ClientSampleId :
PB159643BS



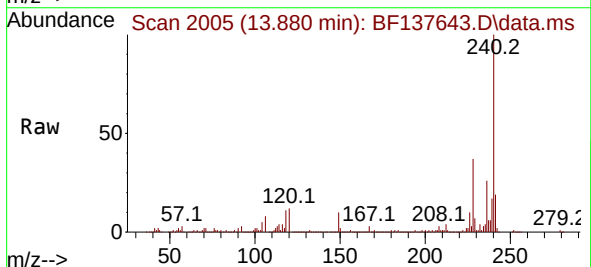
Tgt Ion:202 Resp: 147205
Ion Ratio Lower Upper
202 100
101 12.6 0.0 35.0
203 17.3 0.0 37.7

Manual Integrations
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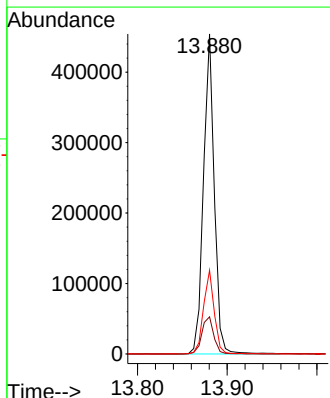
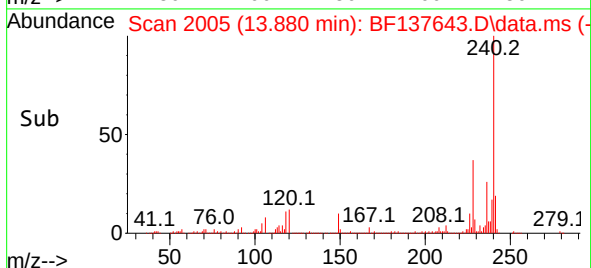
Reviewed By :Jagrut Upadhyay 03/20/2024
Supervised By :mohammad ahmed 03/21/2024

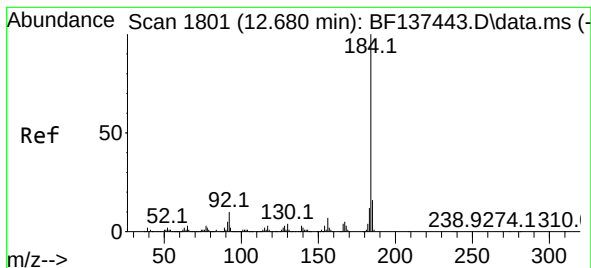


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42



Tgt Ion:240 Resp: 379612
Ion Ratio Lower Upper
240 100
120 11.6 10.4 15.6
236 26.2 20.9 31.3





#77

Benzidine

Concen: 16.926 ng

RT: 12.586 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

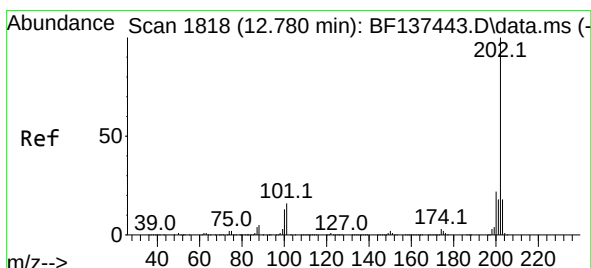
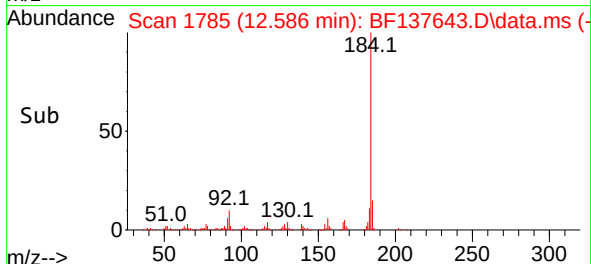
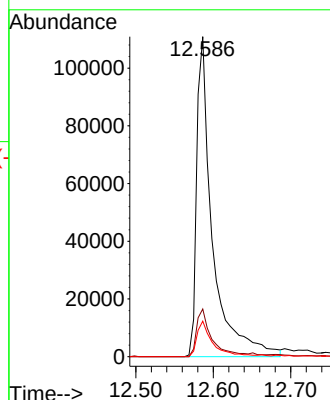
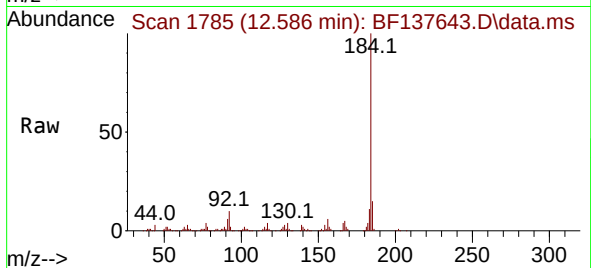
PB159643BS

Tgt Ion:184 Resp: 157245
 Ion Ratio Lower Upper
 184 100
 185 14.9 13.2 19.8
 183 11.1 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/20/2024
 Supervised By :mohammad ahmed 03/21/2024



#78

Pyrene

Concen: 39.747 ng

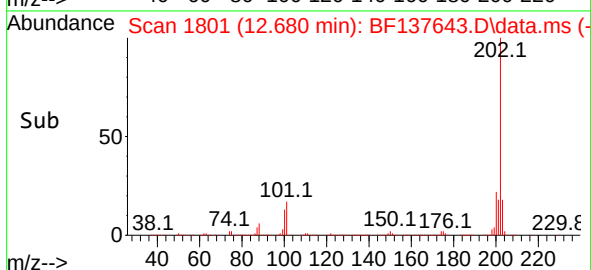
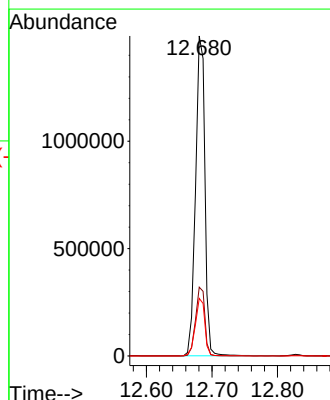
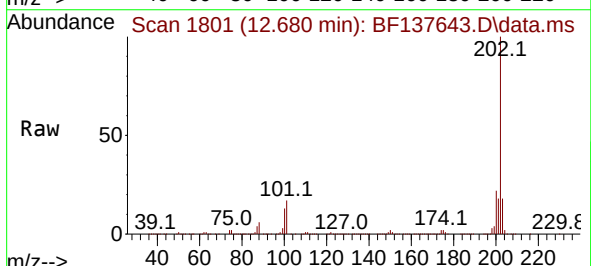
RT: 12.680 min Scan# 1801

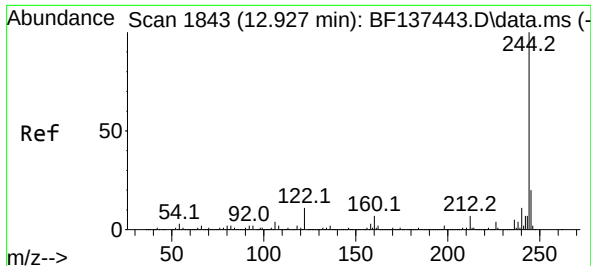
Delta R.T. 0.000 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

Tgt Ion:202 Resp: 1480507
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.4 26.2
 203 18.0 14.1 21.1





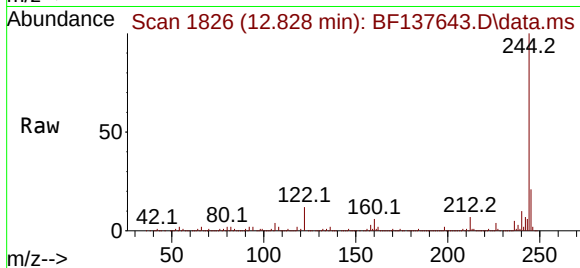
#79
 Terphenyl-d14
 Concen: 78.100 ng
 RT: 12.828 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF137643.D
 Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

PB159643BS

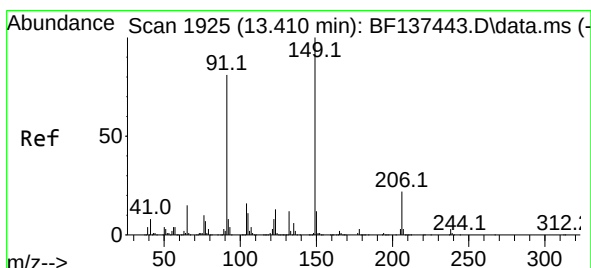
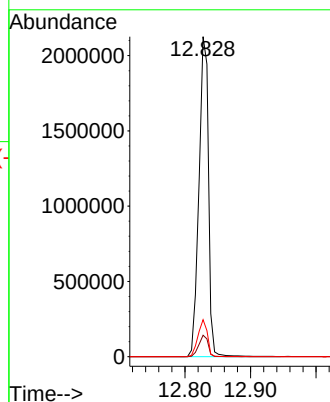
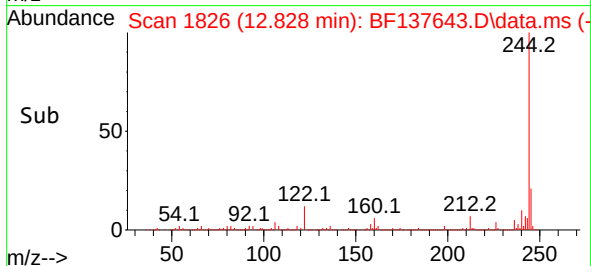


Tgt Ion:244 Resp: 215602
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 11.6 9.1 13.7

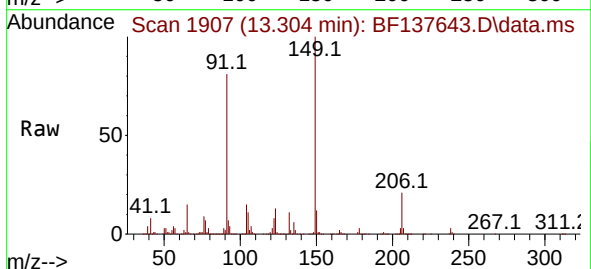
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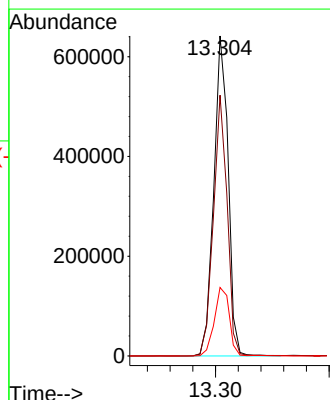
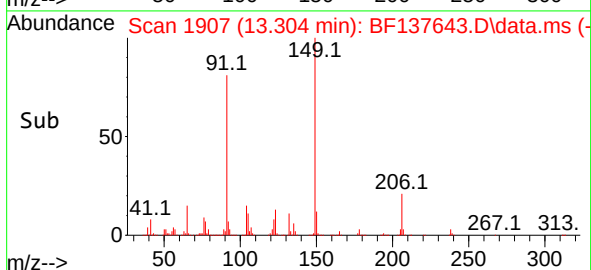
Reviewed By :Jagrut Upadhyay 03/20/2024
 Supervised By :mohammad ahmed 03/21/2024

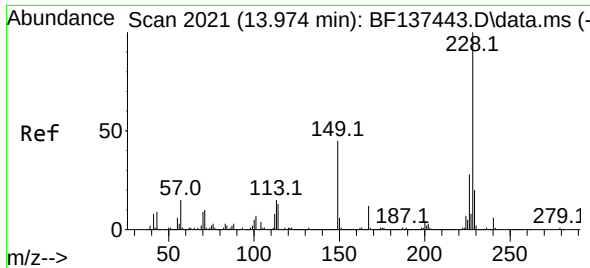


#80
 Butylbenzylphthalate
 Concen: 59.062 ng
 RT: 13.304 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: BF137643.D
 Acq: 19 Mar 2024 12:42



Tgt Ion:149 Resp: 561840
 Ion Ratio Lower Upper
 149 100
 91 81.5 64.7 97.1
 206 21.4 17.5 26.3





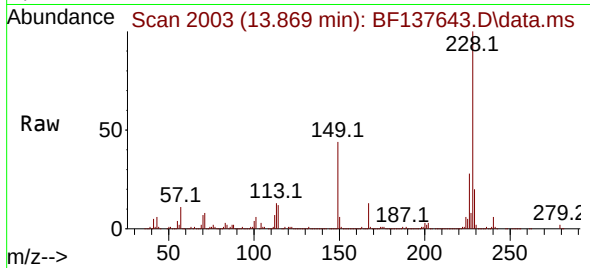
#81
Benzo(a)anthracene
Concen: 42.919 ng
RT: 13.869 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

PB159643BS

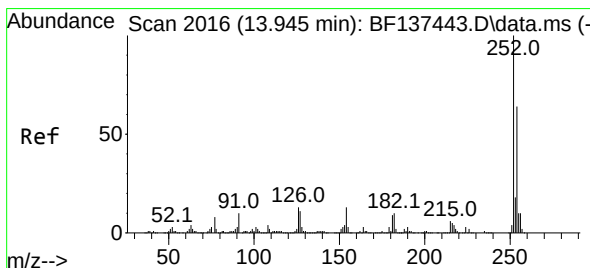
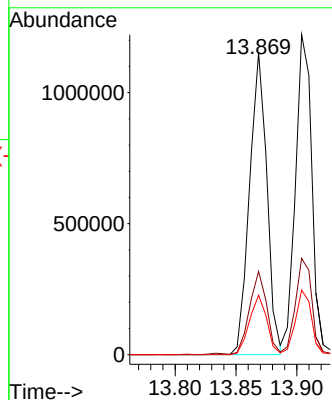
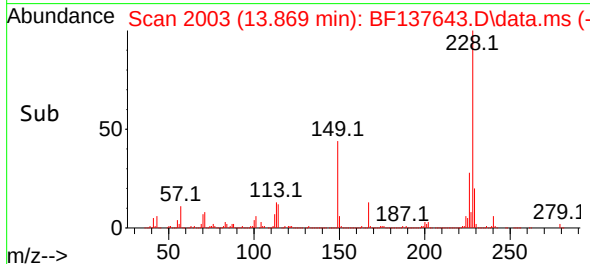


Tgt Ion:228 Resp: 1141929
Ion Ratio Lower Upper
228 100
226 27.6 22.3 33.5
229 19.7 16.3 24.5

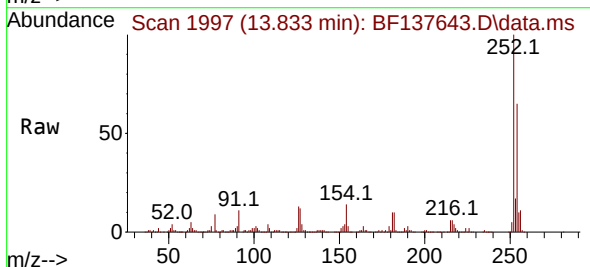
Manual Integrations

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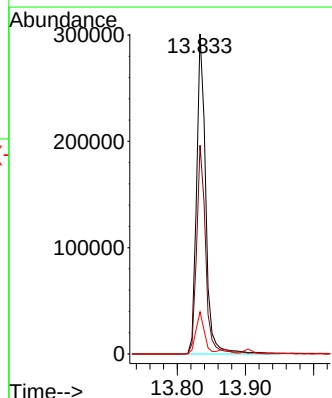
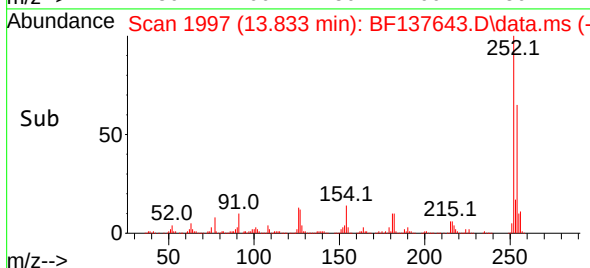
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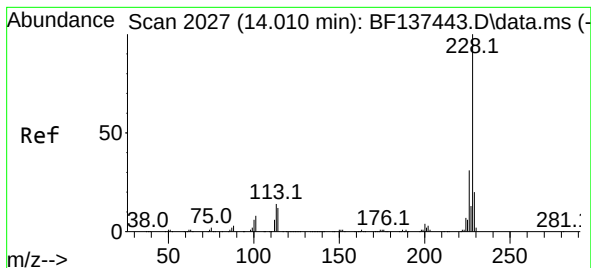


#82
3,3'-Dichlorobenzidine
Concen: 39.703 ng
RT: 13.833 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42



Tgt Ion:252 Resp: 281311
Ion Ratio Lower Upper
252 100
254 65.2 51.4 77.2
126 13.2 10.4 15.6





#83

Chrysene

Concen: 43.063 ng

RT: 13.904 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

PB159643BS

Tgt Ion:228 Resp: 115802

Ion Ratio Lower Upper

228 100

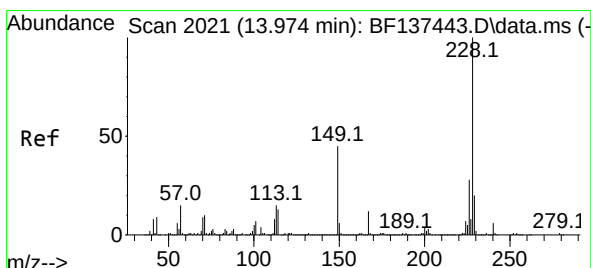
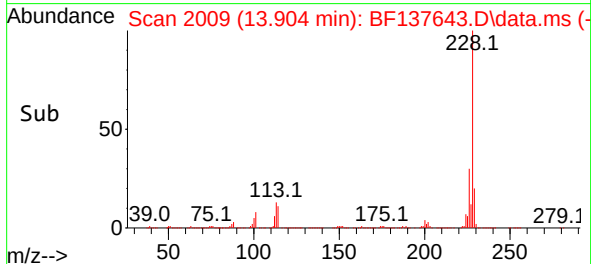
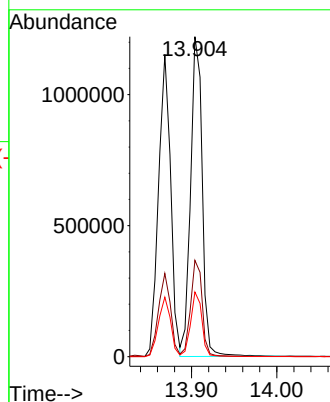
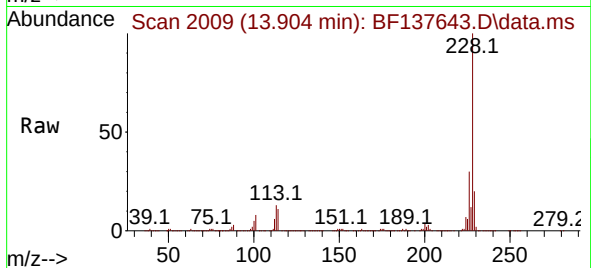
226 30.1 24.7 37.1

229 20.2 15.9 23.9

Manual Integrations

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#84

Bis(2-ethylhexyl)phthalate

Concen: 59.004 ng

RT: 13.863 min Scan# 2002

Delta R.T. 0.000 min

Lab File: BF137643.D

Acq: 19 Mar 2024 12:42

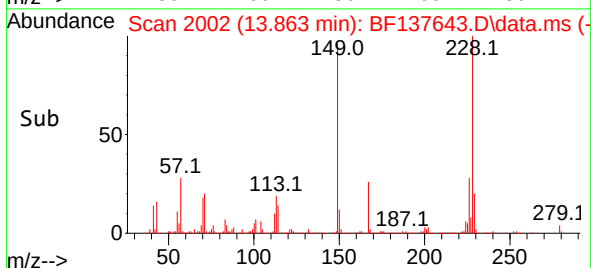
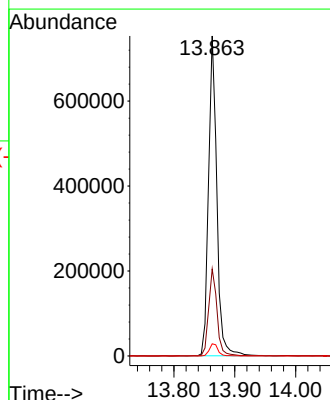
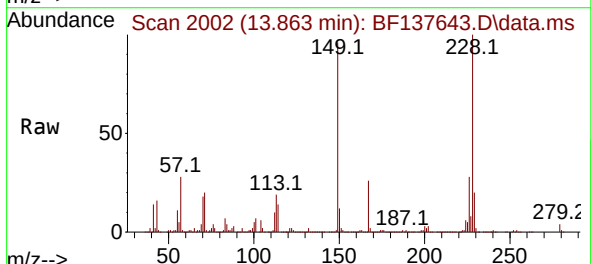
Tgt Ion:149 Resp: 713411

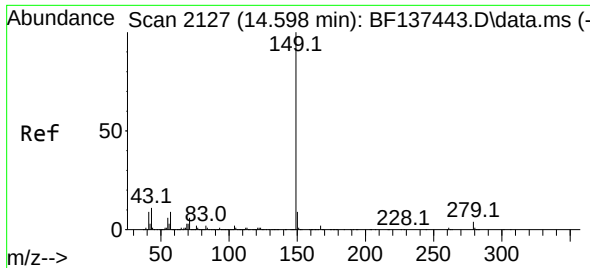
Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

279 3.8 2.6 4.0





#85
Di-n-octyl phthalate
Concen: 50.621 ng
RT: 14.474 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

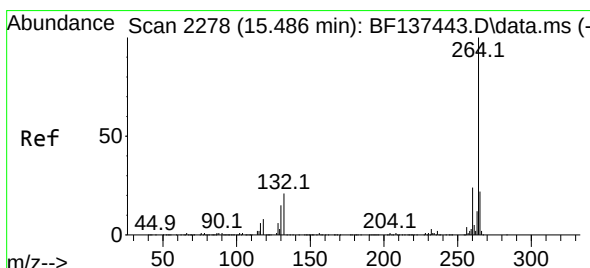
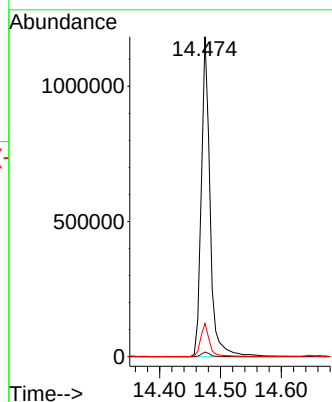
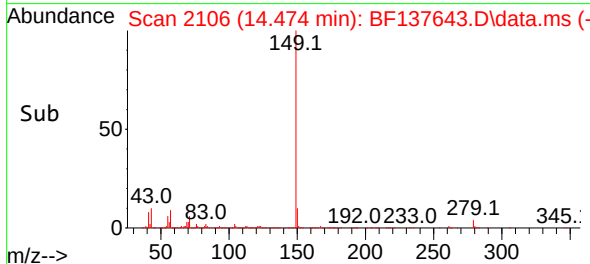
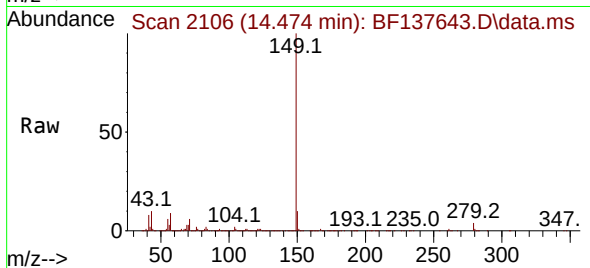
PB159643BS

Tgt Ion:149 Resp: 118768
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.4 9.6 14.4

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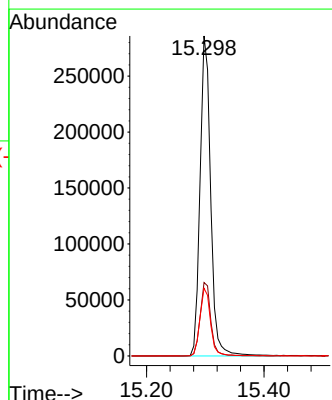
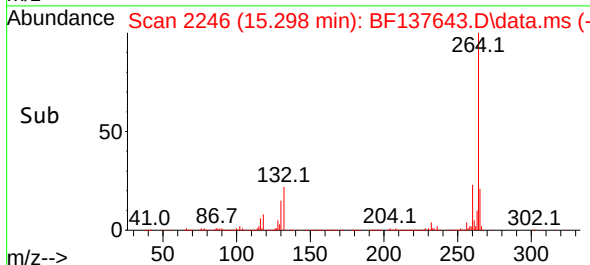
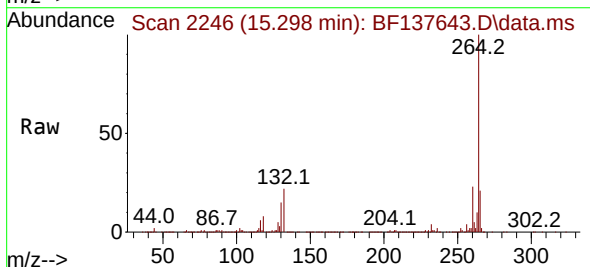
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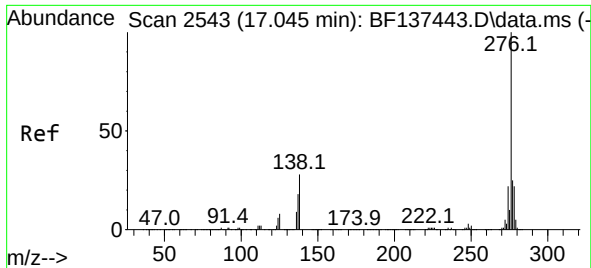
Reviewed By :Jagrut Upadhyay 03/20/2024
Supervised By :mohammad ahmed 03/21/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.298 min Scan# 2246
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Tgt Ion:264 Resp: 357746
Ion Ratio Lower Upper
264 100
260 23.0 19.3 28.9
265 21.1 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.347 ng
RT: 16.692 min Scan# 2483
Delta R.T. 0.006 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

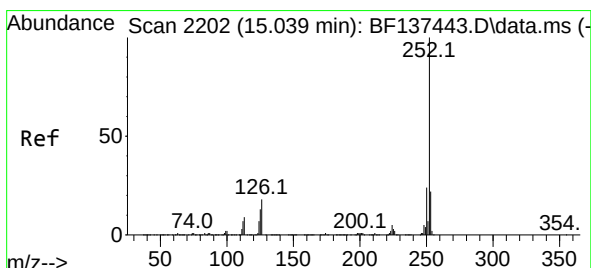
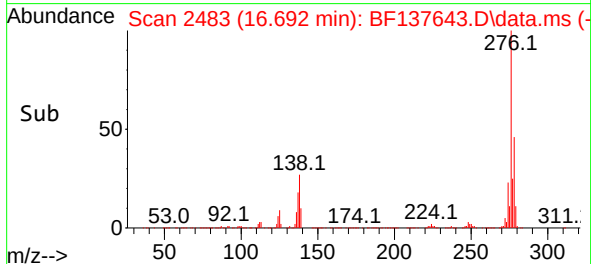
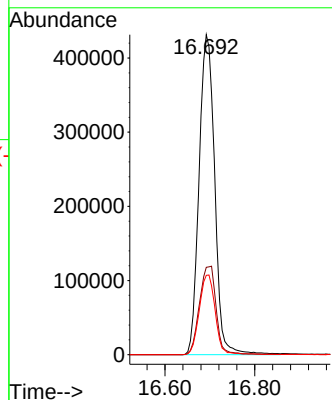
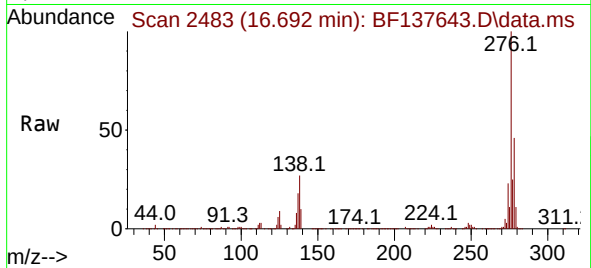
PB159643BS

Tgt Ion:276 Resp: 104401
Ion Ratio Lower Upper
276 100
138 29.6 25.8 38.8
277 25.4 20.2 30.2

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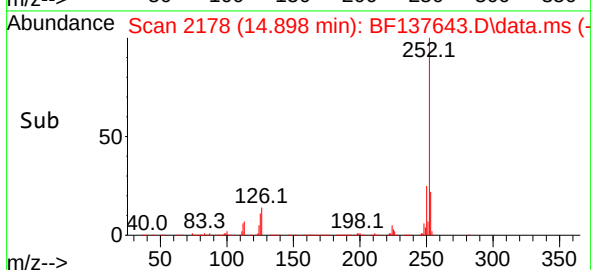
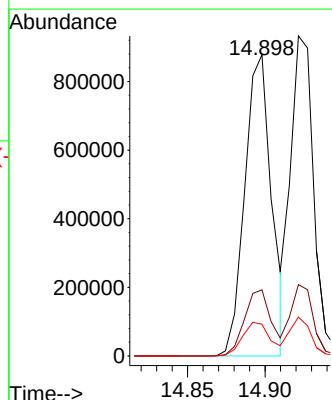
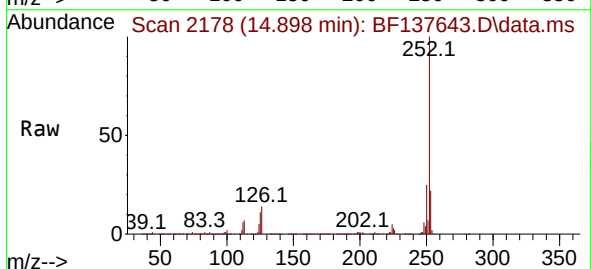
APPROVED

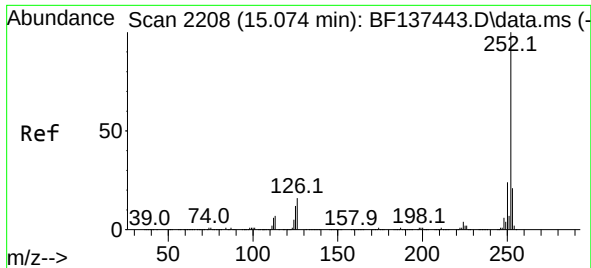
Reviewed By :Jagrut Upadhyay 03/20/2024
Supervised By :mohammad ahmed 03/21/2024



#88
Benzo(b)fluoranthene
Concen: 49.754 ng
RT: 14.898 min Scan# 2178
Delta R.T. 0.006 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Tgt Ion:252 Resp: 1052887
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 10.5 10.1 15.1





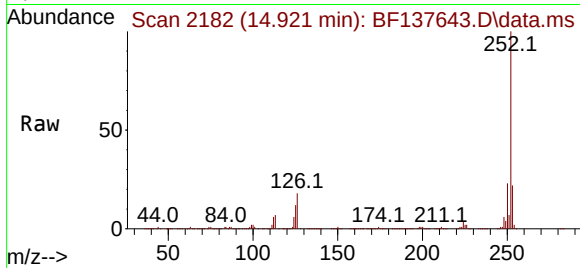
#89
Benzo(k)fluoranthene
Concen: 43.394 ng
RT: 14.921 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

PB159643BS

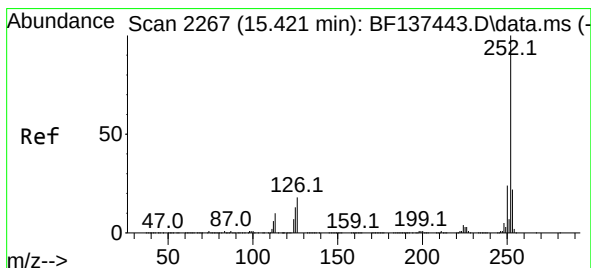
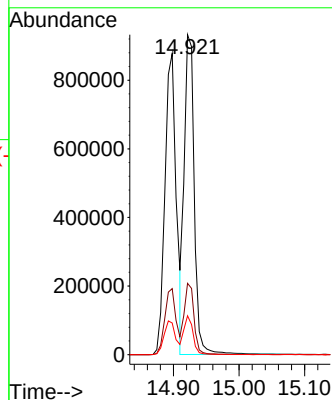
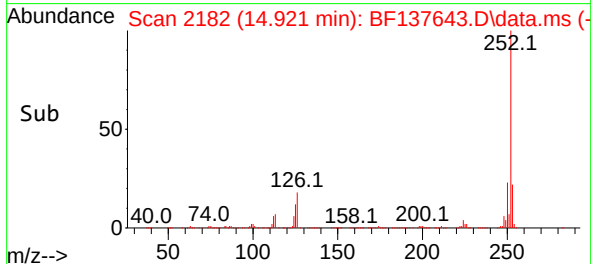


Tgt Ion:252 Resp: 986358
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 12.2 9.6 14.4

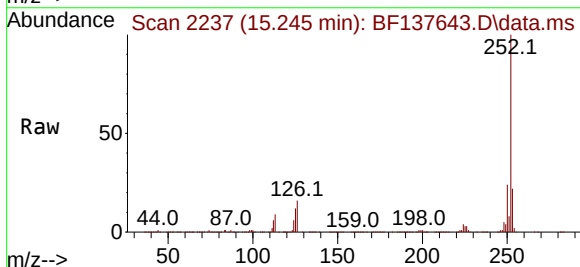
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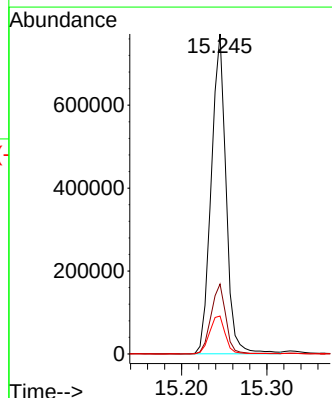
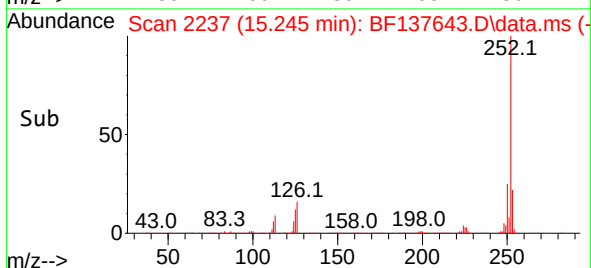
Reviewed By :Jagrut Upadhyay 03/20/2024
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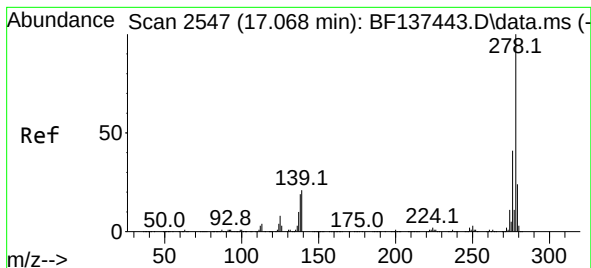


#90
Benzo(a)pyrene
Concen: 44.644 ng
RT: 15.245 min Scan# 2237
Delta R.T. 0.006 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42



Tgt Ion:252 Resp: 931003
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 11.9 10.4 15.6





#91
Dibenzo(a,h)anthracene
Concen: 44.665 ng
RT: 16.710 min Scan# 2486
Delta R.T. 0.012 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Instrument :

BNA_F

ClientSampleId :

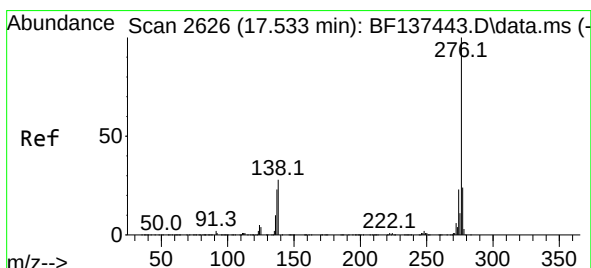
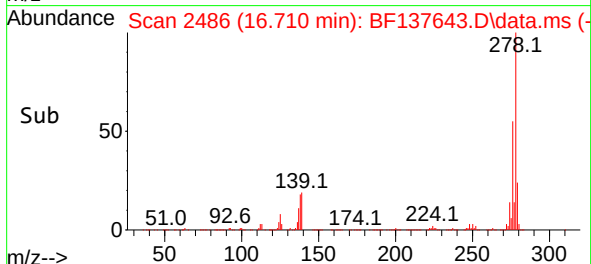
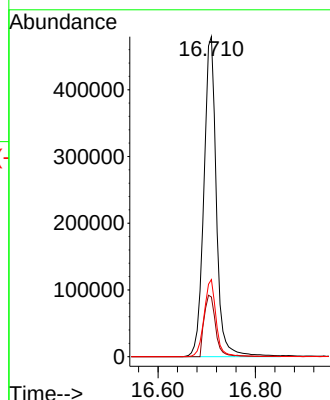
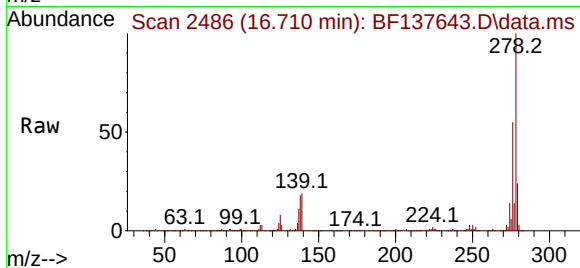
PB159643BS

Tgt Ion:278 Resp: 85300
Ion Ratio Lower Upper
278 100
139 18.7 17.0 25.6
279 24.1 18.8 28.2

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#92
Benzo(g,h,i)perylene
Concen: 42.978 ng
RT: 17.110 min Scan# 2554
Delta R.T. 0.006 min
Lab File: BF137643.D
Acq: 19 Mar 2024 12:42

Tgt Ion:276 Resp: 842924
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.4
138 26.7 22.2 33.2

