

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031424\
 Data File : BF137591.D
 Acq On : 14 Mar 2024 15:31
 Operator : CG\JU
 Sample : PB159568BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159568BS

Manual Integrations
 APPROVED

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

Quant Time: Mar 14 15:56:31 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	210990	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	809567	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	419555	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	694285	20.000	ng	0.00
76) Chrysene-d12	13.880	240	432380	20.000	ng	0.00
86) Perylene-d12	15.298	264	408577	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1739768	124.885	ng	0.02
7) Phenol-d6	6.375	99	2344959	116.613	ng	0.00
23) Nitrobenzene-d5	7.298	82	1461863	83.902	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	501911	136.225	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2320613	86.582	ng	0.00
79) Terphenyl-d14	12.827	244	2352097	74.804	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.487	88	279543	36.699	ng	98
3) Pyridine	3.187	79	610847	33.251	ng	98
4) n-Nitrosodimethylamine	3.151	42	318992	43.272	ng	98
6) Aniline	6.392	93	457105	18.603	ng	# 70
8) 2-Chlorophenol	6.510	128	684323	46.573	ng	96
9) Benzaldehyde	6.275	77	245963	24.967	ng	98
10) Phenol	6.387	94	898692	41.522	ng	95
11) bis(2-Chloroethyl)ether	6.469	93	713167	44.965	ng	99
12) 1,3-Dichlorobenzene	6.669	146	716843	45.655	ng	96
13) 1,4-Dichlorobenzene	6.745	146	730333	45.462	ng	99
14) 1,2-Dichlorobenzene	6.892	146	684629	46.431	ng	99
15) Benzyl Alcohol	6.875	79	615471	49.163	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.004	45	1118933	41.042	ng	95
17) 2-Methylphenol	6.992	107	566633	41.212	ng	96
18) Hexachloroethane	7.234	117	249287	47.127	ng	96
19) n-Nitroso-di-n-propyla...	7.151	70	499874	40.255	ng	99
20) 3+4-Methylphenols	7.145	107	637058	40.456	ng	92
22) Acetophenone	7.139	105	902443	46.072	ng	# 98
24) Nitrobenzene	7.316	77	771751	44.093	ng	95
25) Isophorone	7.551	82	1451127	43.838	ng	99
26) 2-Nitrophenol	7.628	139	341663	49.168	ng	98
27) 2,4-Dimethylphenol	7.669	122	504779	38.877	ng	99
28) bis(2-Chloroethoxy)met...	7.769	93	873210	44.960	ng	99
29) 2,4-Dichlorophenol	7.869	162	558655	46.881	ng	98
30) 1,2,4-Trichlorobenzene	7.951	180	586808	46.794	ng	99
31) Naphthalene	8.033	128	1915184	44.092	ng	100
32) Benzoic acid	7.822	122	325601	44.130	ng	93
33) 4-Chloroaniline	8.086	127	282643	16.595	ng	98
34) Hexachlorobutadiene	8.145	225	339428	45.847	ng	99
35) Caprolactam	8.463	113	172913m	42.793	ng	
36) 4-Chloro-3-methylphenol	8.575	107	586565	44.036	ng	99
37) 2-Methylnaphthalene	8.722	142	1161263	41.938	ng	99
38) 1-Methylnaphthalene	8.822	142	1104773	42.366	ng	98
40) 1,2,4,5-Tetrachloroben...	8.886	216	570909	48.742	ng	99
41) Hexachlorocyclopentadiene	8.875	237	440233	90.853	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	362296	47.499	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031424\
 Data File : BF137591.D
 Acq On : 14 Mar 2024 15:31
 Operator : CG\JU
 Sample : PB159568BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159568BS

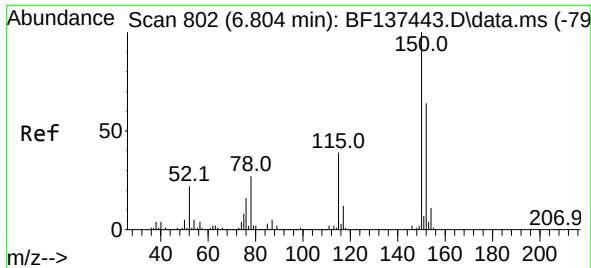
Manual Integrations
 APPROVED

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

Quant Time: Mar 14 15:56:31 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)
44) 2,4,5-Trichlorophenol	9.057	196	397683	45.261	ng	96
46) 1,1'-Biphenyl	9.186	154	1408408	45.865	ng	99
47) 2-Chloronaphthalene	9.210	162	1113154	47.546	ng	98
48) 2-Nitroaniline	9.316	65	379728	47.719	ng	97
49) Acenaphthylene	9.627	152	1741453	46.479	ng	99
50) Dimethylphthalate	9.492	163	1299088	44.480	ng	98
51) 2,6-Dinitrotoluene	9.557	165	287161	47.008	ng	92
52) Acenaphthene	9.798	154	979267	43.779	ng	100
53) 3-Nitroaniline	9.722	138	194625	30.121	ng	97
54) 2,4-Dinitrophenol	9.833	184	268905	89.198	ng	98
55) Dibenzofuran	9.969	168	1484210	43.565	ng	99
56) 4-Nitrophenol	9.898	139	400721	86.765	ng	98
57) 2,4-Dinitrotoluene	9.957	165	352065	46.911	ng	92
58) Fluorene	10.310	166	1101864	42.113	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	313864	44.545	ng	92
60) Diethylphthalate	10.192	149	1194961	43.327	ng	99
61) 4-Chlorophenyl-phenyle...	10.304	204	531472	41.447	ng	97
62) 4-Nitroaniline	10.339	138	240534	43.312	ng	98
63) Azobenzene	10.463	77	1335604	42.056	ng	99
65) 4,6-Dinitro-2-methylph...	10.369	198	196731	50.840	ng	82
66) n-Nitrosodiphenylamine	10.427	169	1014281	45.368	ng	99
67) 4-Bromophenyl-phenylether	10.792	248	348644	46.105	ng	99
68) Hexachlorobenzene	10.851	284	377644	49.444	ng	98
69) Atrazine	10.957	200	282180	41.519	ng	100
70) Pentachlorophenol	11.051	266	392683	85.049	ng	99
71) Phenanthrene	11.269	178	1663583	44.028	ng	99
72) Anthracene	11.322	178	1695226	43.684	ng	99
73) Carbazole	11.480	167	1510550	45.443	ng	99
74) Di-n-butylphthalate	11.810	149	1758669	44.468	ng	99
75) Fluoranthene	12.457	202	1633999	44.242	ng	97
77) Benzidine	12.586	184	98126	9.274	ng	98
78) Pyrene	12.680	202	1656684	39.049	ng	99
80) Butylbenzylphthalate	13.304	149	584720	53.966	ng	99
81) Benzo(a)anthracene	13.868	228	1311419	43.274	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	323005	40.024	ng	97
83) Chrysene	13.904	228	1347608	43.998	ng	99
84) Bis(2-ethylhexyl)phtha...	13.863	149	759129	55.123	ng	99
85) Di-n-octyl phthalate	14.474	149	1355464	50.711	ng	98
87) Indeno(1,2,3-cd)pyrene	16.692	276	1199388	44.608	ng	98
88) Benzo(b)fluoranthene	14.898	252	1265293	52.352	ng	98
89) Benzo(k)fluoranthene	14.921	252	1152034	44.378	ng	98
90) Benzo(a)pyrene	15.245	252	1099683	46.172	ng	99
91) Dibenzo(a,h)anthracene	16.703	278	972016	44.565	ng	98
92) Benzo(g,h,i)perylene	17.109	276	973122	43.444	ng	98

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



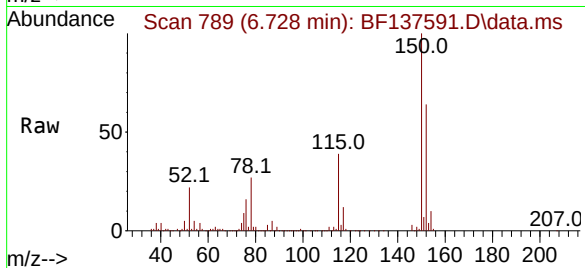
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

PB159568BS

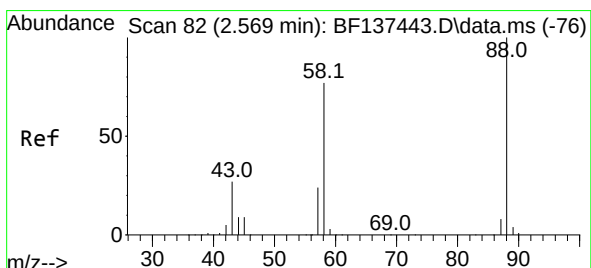
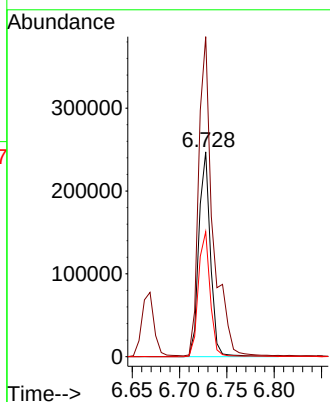
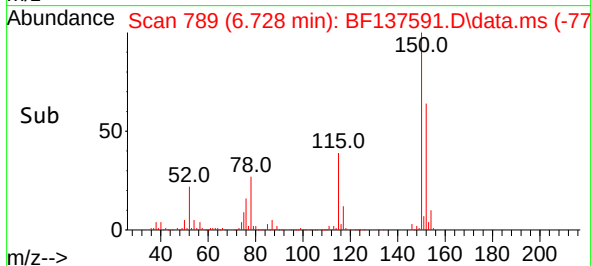


Tgt Ion:152 Resp: 210990
Ion Ratio Lower Upper
152 100
150 156.2 125.8 188.6
115 61.0 48.8 73.2

Manual Integrations

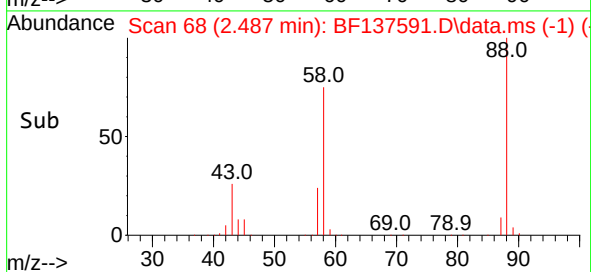
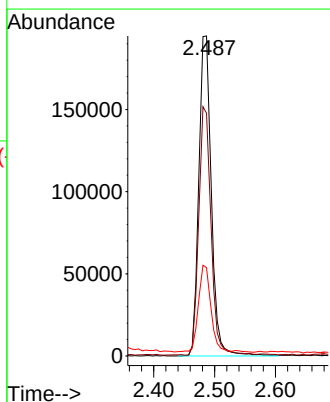
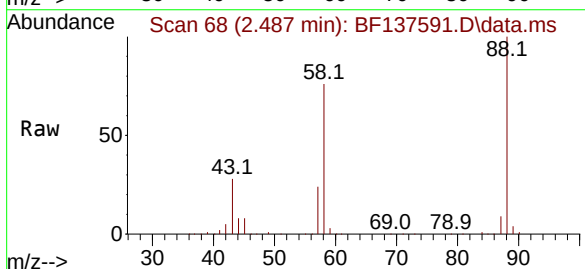
APPROVED

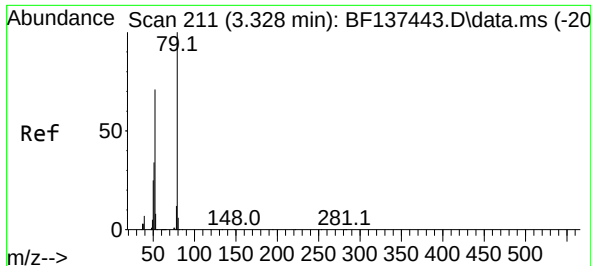
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#2
1,4-Dioxane
Concen: 36.699 ng
RT: 2.487 min Scan# 68
Delta R.T. 0.117 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion: 88 Resp: 279543
Ion Ratio Lower Upper
88 100
58 76.1 61.8 92.8
43 26.4 22.2 33.4





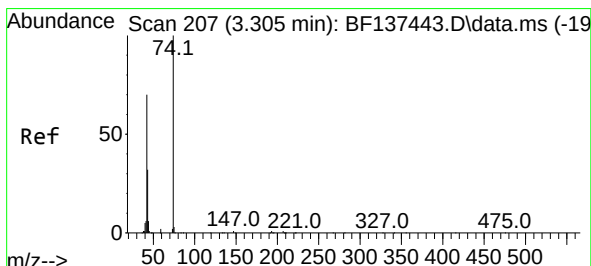
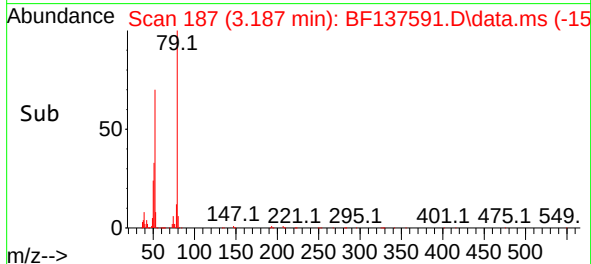
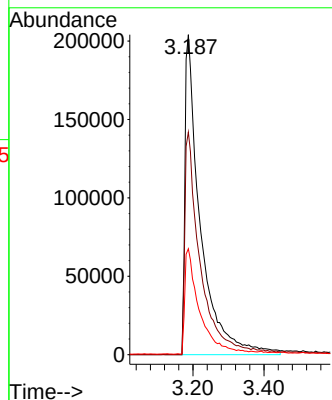
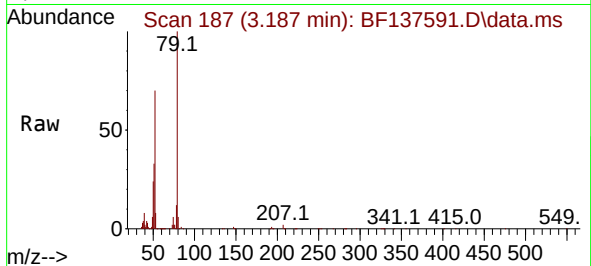
#3
Pyridine
Concen: 33.251 ng
RT: 3.187 min Scan# 187
Delta R.T. 0.117 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Instrument :
BNA_F
ClientSampleId :
PB159568BS

Tgt Ion: 79 Resp: 61084
Ion Ratio Lower Upper
79 100
52 69.5 57.0 85.4
51 33.1 27.5 41.3

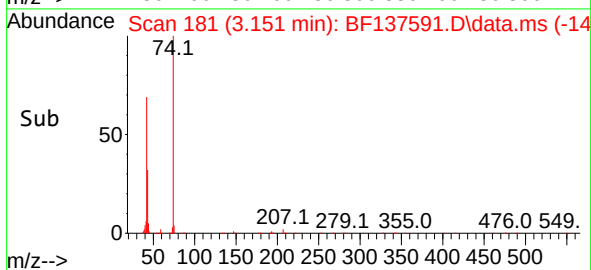
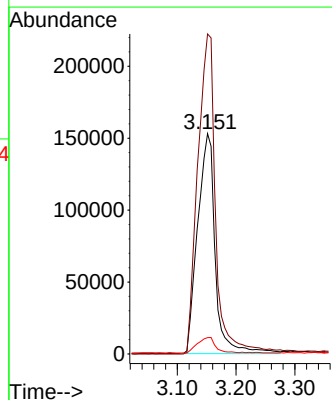
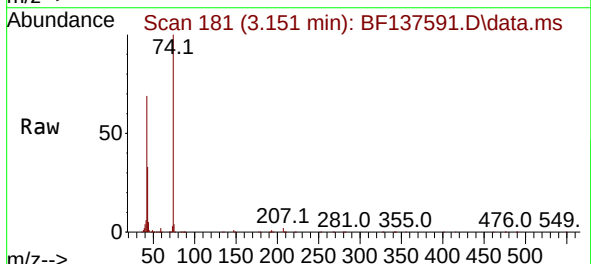
Manual Integrations
APPROVED

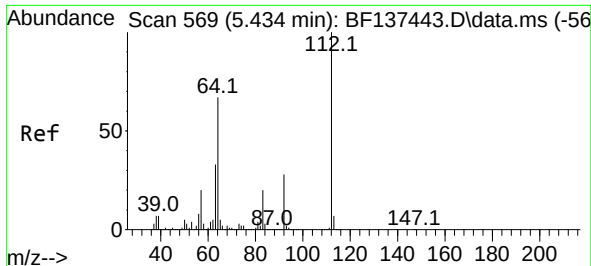
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#4
n-Nitrosodimethylamine
Concen: 43.272 ng
RT: 3.151 min Scan# 181
Delta R.T. 0.112 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion: 42 Resp: 318992
Ion Ratio Lower Upper
42 100
74 145.3 114.0 171.0
44 7.4 7.0 10.4





#5
2-Fluorophenol
Concen: 124.885 ng
RT: 5.351 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

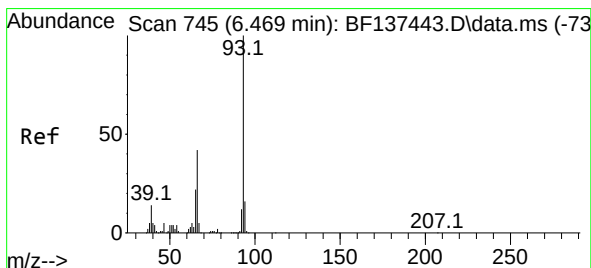
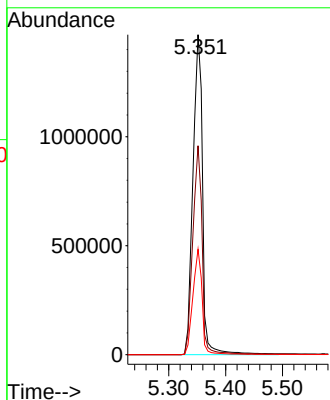
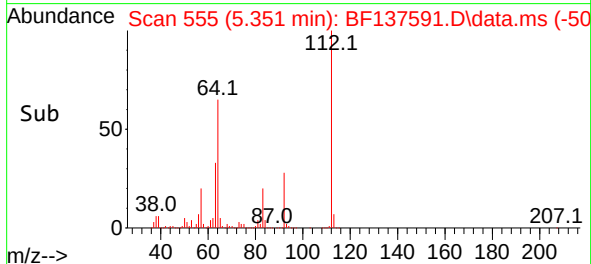
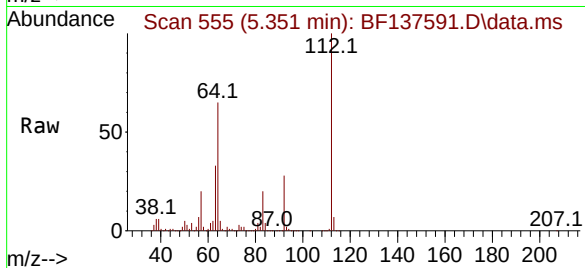
PB159568BS

Tgt Ion:112 Resp: 173976
Ion Ratio Lower Upper
112 100
64 65.3 53.4 80.2
63 33.0 26.2 39.2

Manual Integrations

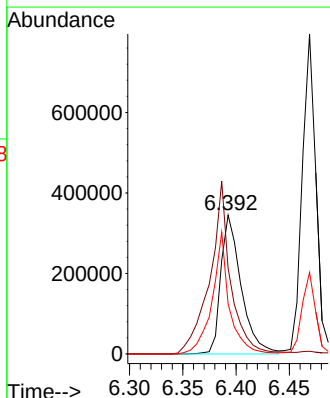
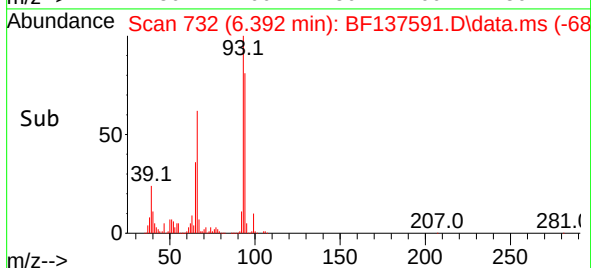
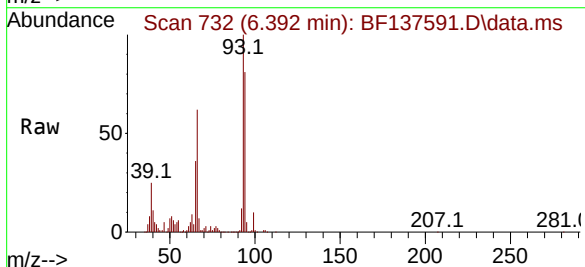
APPROVED

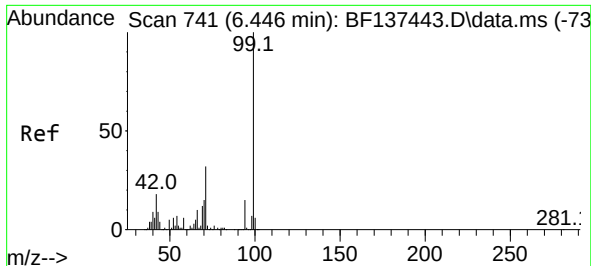
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#6
Aniline
Concen: 18.603 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion: 93 Resp: 457105
Ion Ratio Lower Upper
93 100
66 61.7 34.0 51.0#
65 36.0 17.8 26.8#





#7

Phenol-d6

Concen: 116.613 ng

RT: 6.375 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF137591.D

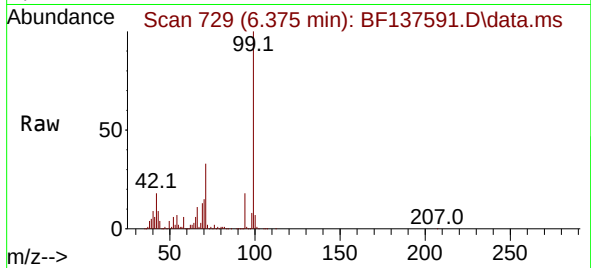
Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

PB159568BS



Tgt Ion: 99 Resp: 234495

Ion Ratio Lower Upper

99 100

42 18.1 14.6 21.8

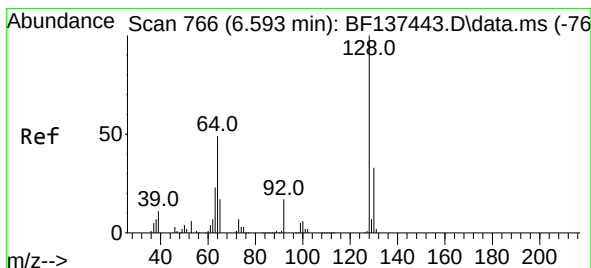
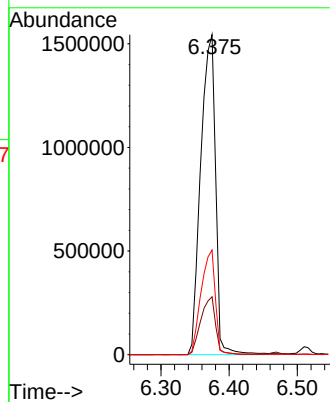
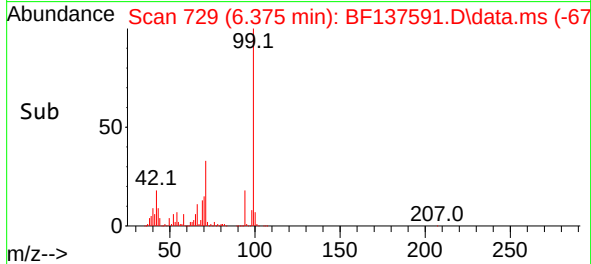
71 32.7 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/15/2024

Supervised By :mohammad ahmed 03/16/2024



#8

2-Chlorophenol

Concen: 46.573 ng

RT: 6.510 min Scan# 752

Delta R.T. -0.000 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

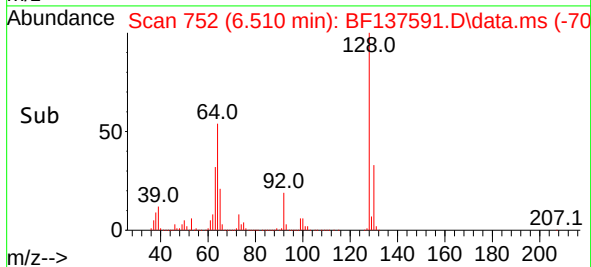
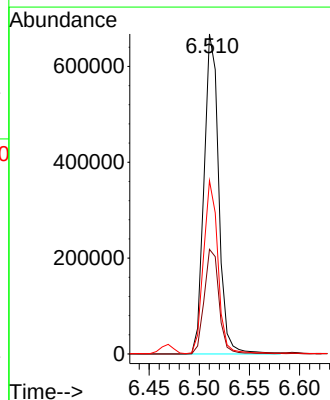
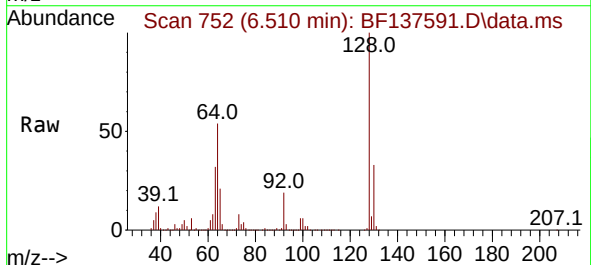
Tgt Ion:128 Resp: 684323

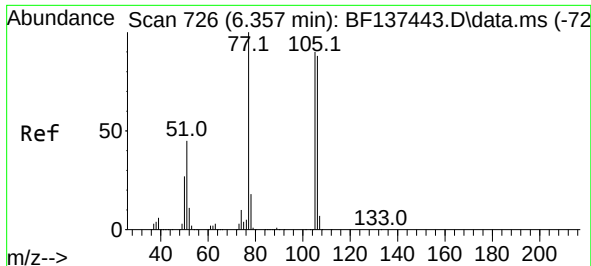
Ion Ratio Lower Upper

128 100

130 32.7 13.4 53.4

64 54.1 30.0 70.0





#9

Benzaldehyde

Concen: 24.967 ng

RT: 6.275 min Scan# 712

Delta R.T. -0.006 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

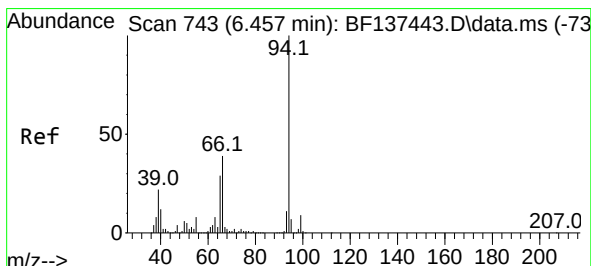
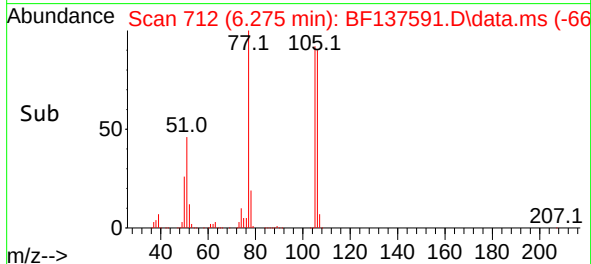
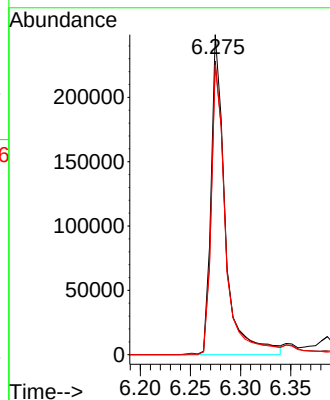
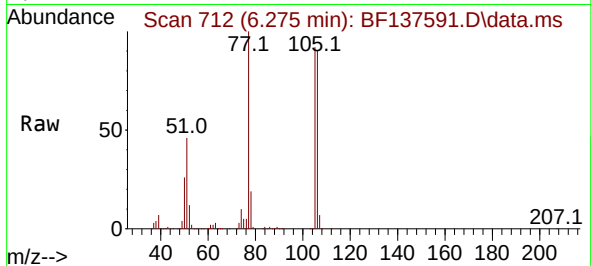
PB159568BS

Tgt Ion:	77	Resp:	24596
Ion	Ratio	Lower	Upper
77	100		
105	91.8	69.8	109.8
106	90.5	67.8	107.8

Manual Integrations

APPROVED

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



#10

Phenol

Concen: 41.522 ng

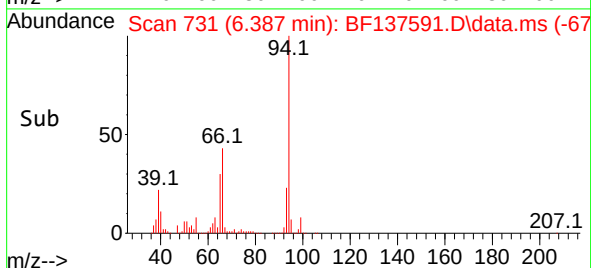
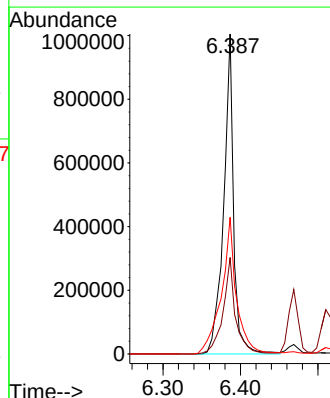
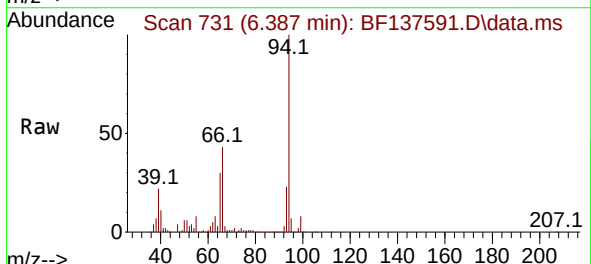
RT: 6.387 min Scan# 731

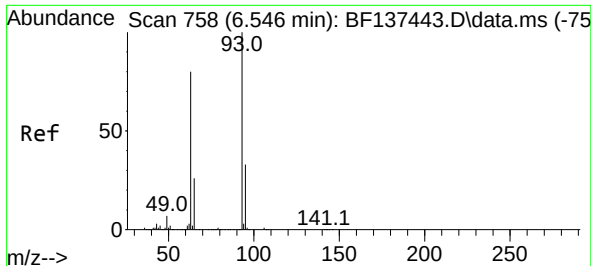
Delta R.T. 0.006 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

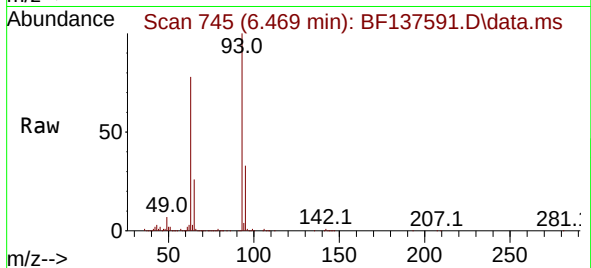
Tgt Ion:	94	Resp:	898692
Ion	Ratio	Lower	Upper
94	100		
65	30.2	8.7	48.7
66	42.7	18.6	58.6





#11
bis(2-Chloroethyl)ether
Concen: 44.965 ng
RT: 6.469 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

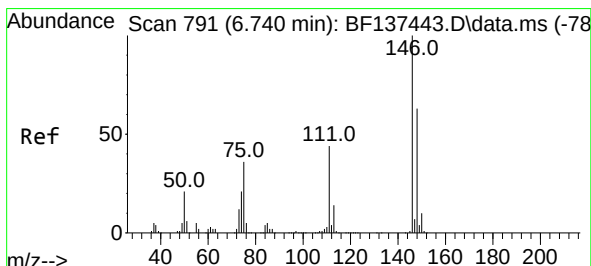
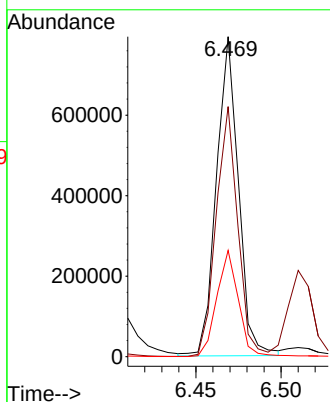
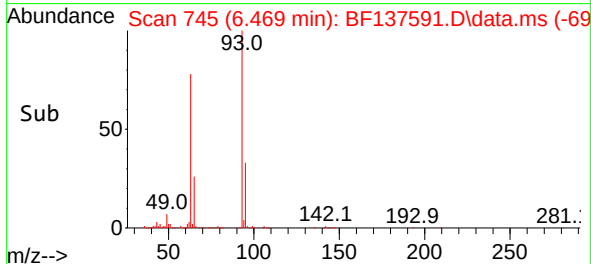
Instrument :
BNA_F
ClientSampleId :
PB159568BS



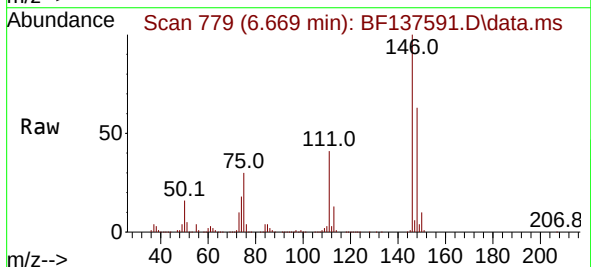
Tgt Ion: 93 Resp: 71316
Ion Ratio Lower Upper
93 100
63 78.2 58.9 98.9
95 33.2 12.2 52.2

Manual Integrations
APPROVED

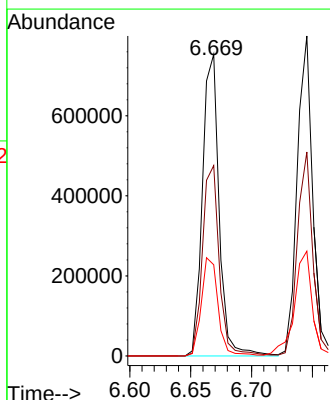
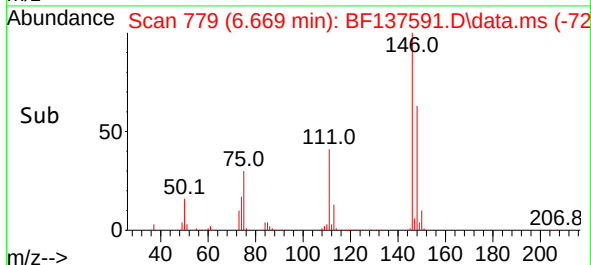
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024

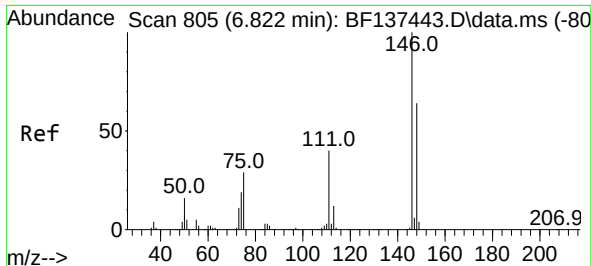


#12
1,3-Dichlorobenzene
Concen: 45.655 ng
RT: 6.669 min Scan# 779
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31



Tgt Ion:146 Resp: 716843
Ion Ratio Lower Upper
146 100
148 63.1 50.3 75.5
75 30.3 29.0 43.4





#13

1,4-Dichlorobenzene

Concen: 45.462 ng

RT: 6.745 min Scan# 74

Delta R.T. -0.000 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

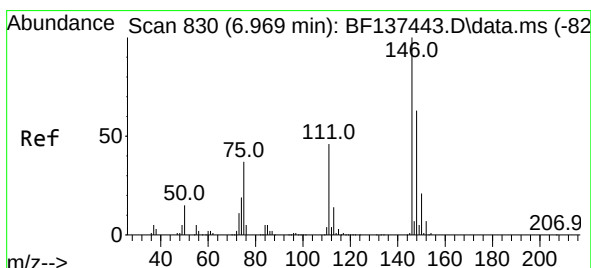
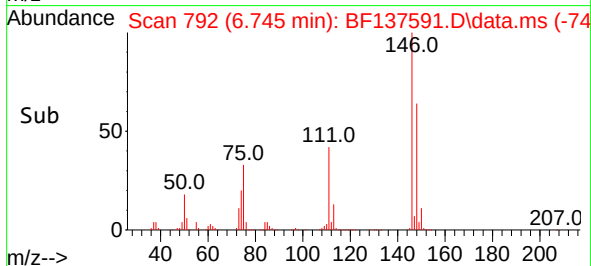
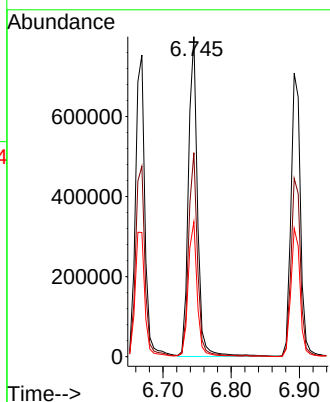
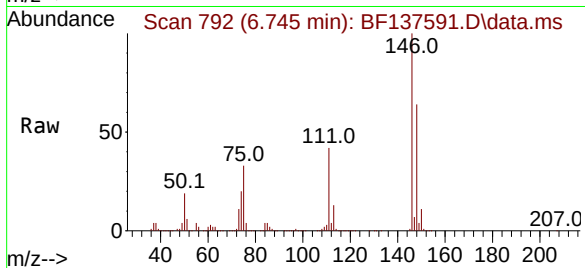
ClientSampleId :

PB159568BS

Tgt Ion:146 Resp: 73033
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.2 76.8
 111 42.1 32.4 48.6

Manual Integrations
 APPROVED

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



#14

1,2-Dichlorobenzene

Concen: 46.431 ng

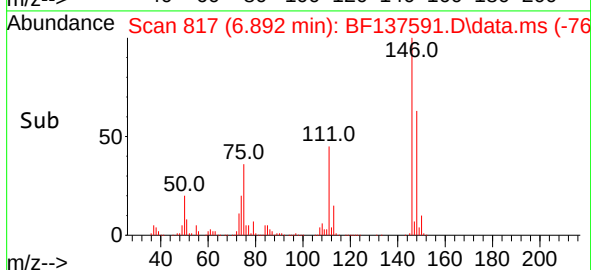
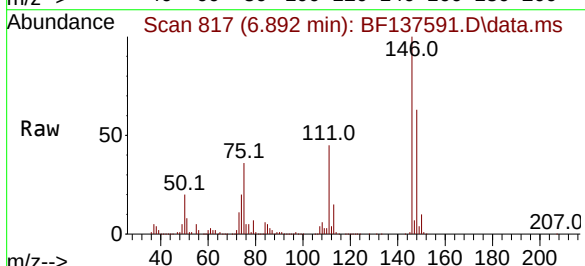
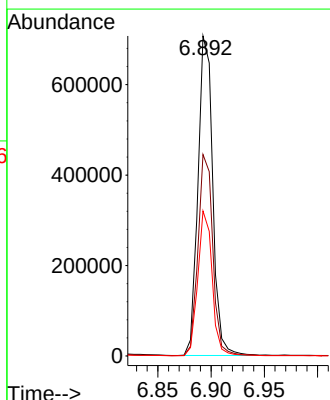
RT: 6.892 min Scan# 817

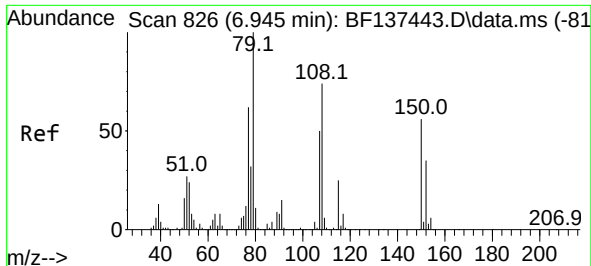
Delta R.T. -0.006 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

Tgt Ion:146 Resp: 684629
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.0 75.0
 111 45.3 36.8 55.2





#15
Benzyl Alcohol
Concen: 49.163 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

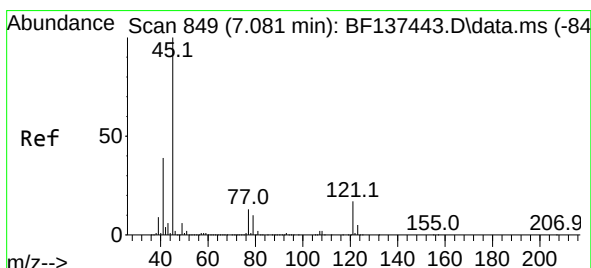
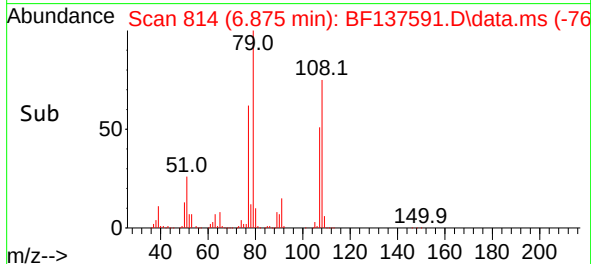
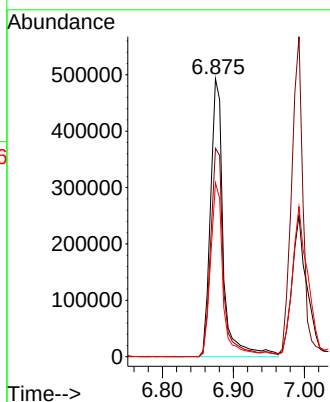
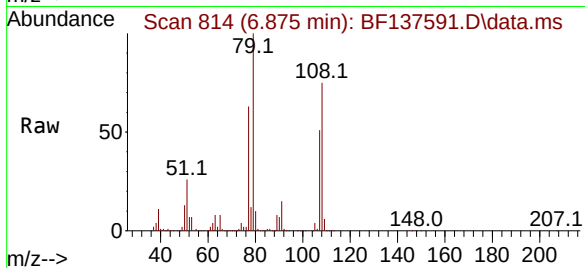
PB159568BS

Tgt Ion: 79 Resp: 61547
Ion Ratio Lower Upper
79 100
108 75.0 59.5 89.3
77 62.6 50.0 75.0

Manual Integrations

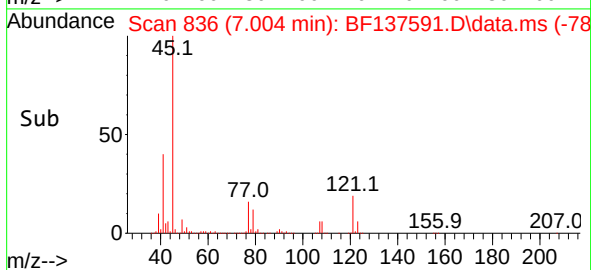
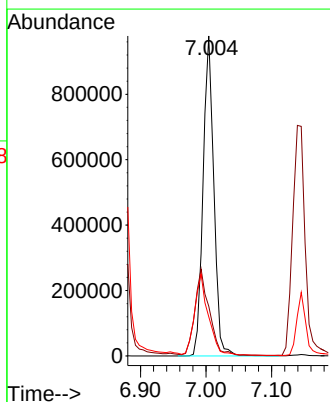
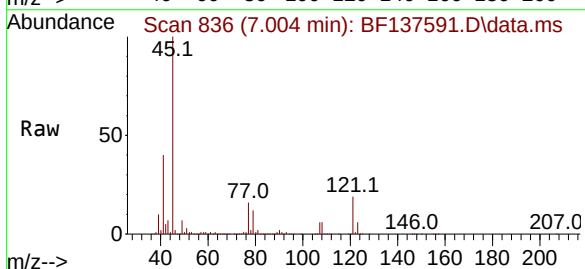
APPROVED

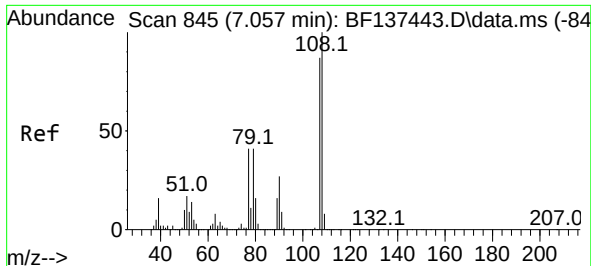
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.042 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion: 45 Resp: 1118933
Ion Ratio Lower Upper
45 100
77 15.5 0.0 33.4
79 12.3 0.0 30.9





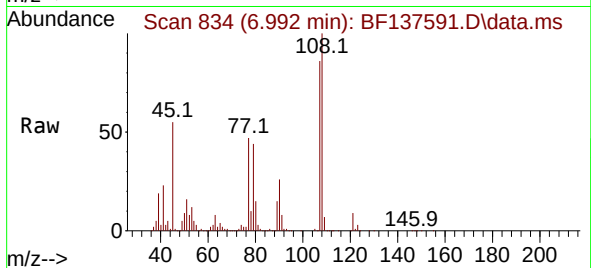
#17
2-Methylphenol
Concen: 41.212 ng
RT: 6.992 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

PB159568BS

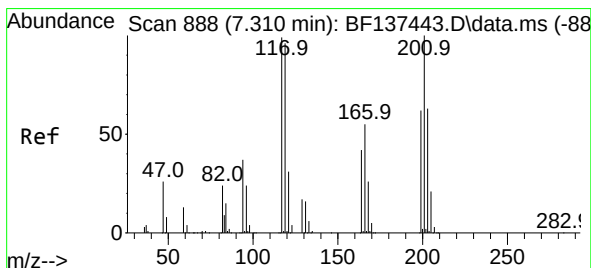
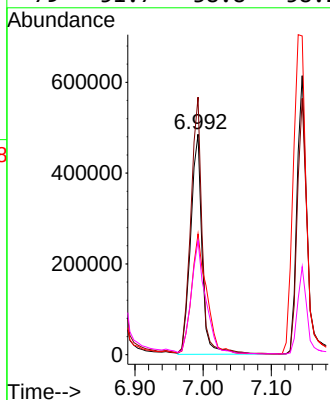
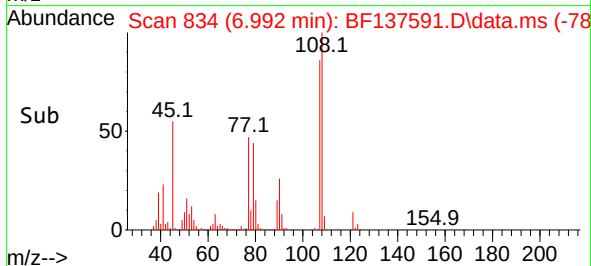


Tgt Ion:107 Resp: 56663
Ion Ratio Lower Upper
107 100
108 116.9 92.2 138.4
77 54.8 38.6 57.8
79 51.7 38.8 58.2

Manual Integrations

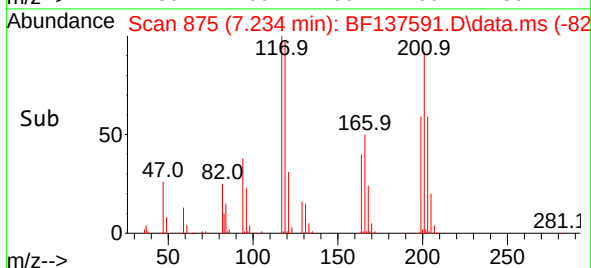
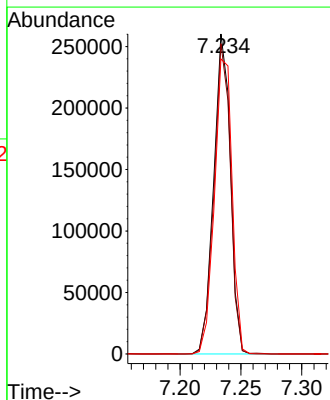
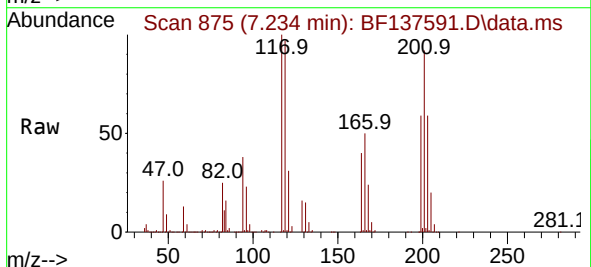
APPROVED

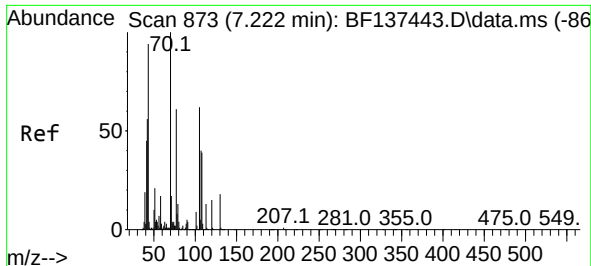
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#18
Hexachloroethane
Concen: 47.127 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

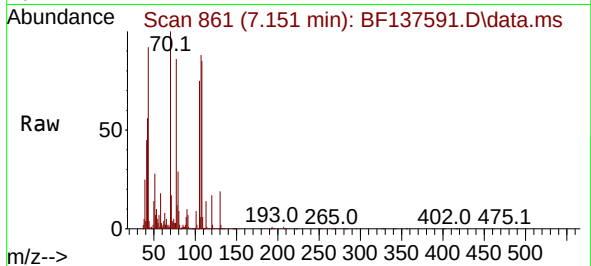
Tgt Ion:117 Resp: 249287
Ion Ratio Lower Upper
117 100
119 97.0 77.5 116.3
201 92.2 80.6 121.0





#19
n-Nitroso-di-n-propylamine
Concen: 40.255 ng
RT: 7.151 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

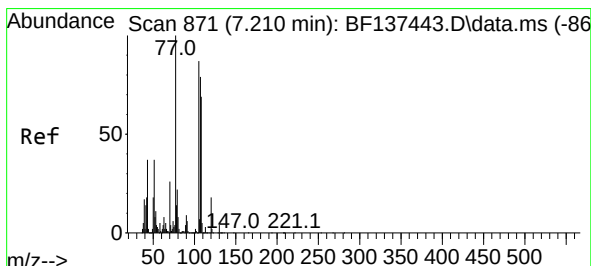
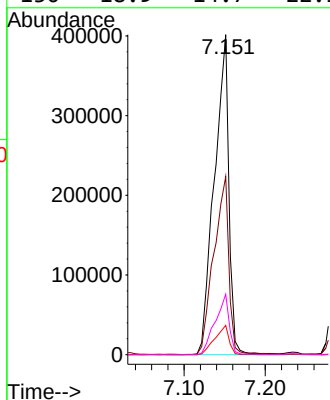
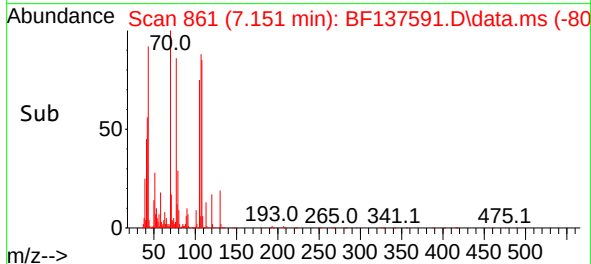
Instrument :
BNA_F
ClientSampleId :
PB159568BS



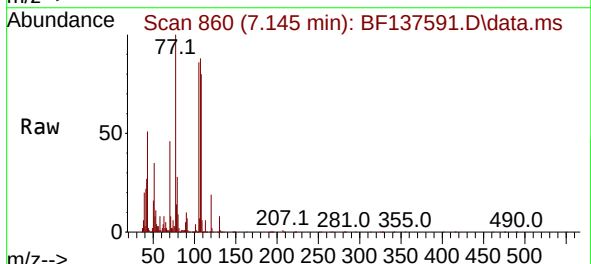
Tgt Ion: 70 Resp: 499874
Ion Ratio Lower Upper
70 100
42 55.6 45.2 67.8
101 9.1 7.3 10.9
130 18.9 14.7 22.1

Manual Integrations
APPROVED

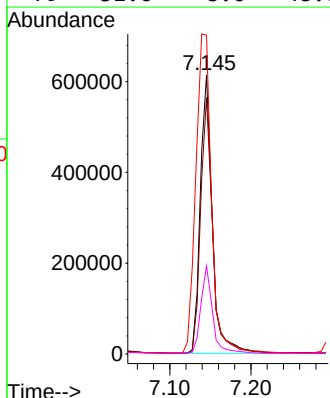
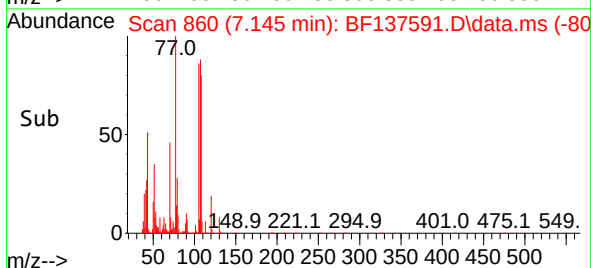
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024

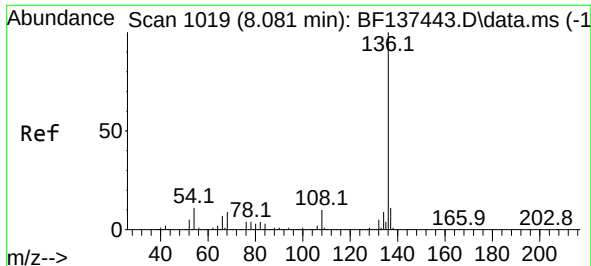


#20
3+4-Methylphenols
Concen: 40.456 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31



Tgt Ion:107 Resp: 637058
Ion Ratio Lower Upper
107 100
108 91.8 67.6 107.6
77 114.2 107.1 147.1
79 31.6 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: BF137591.D
Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

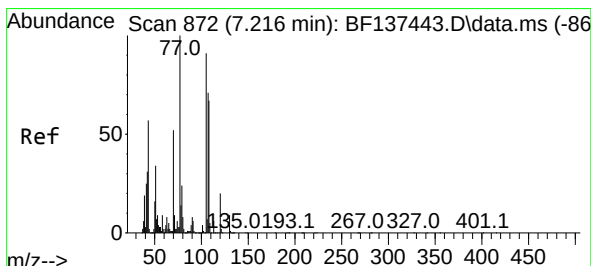
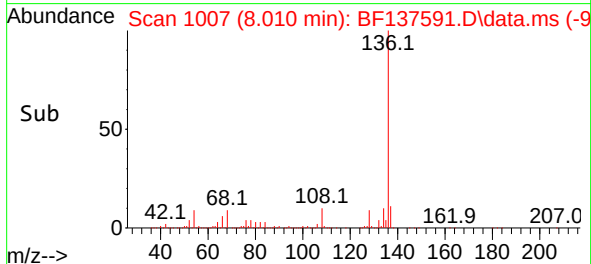
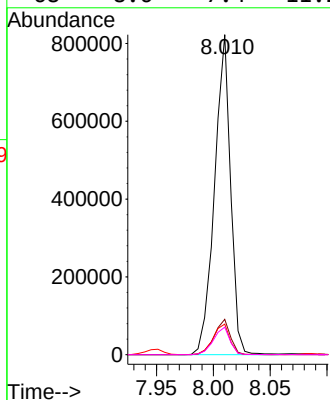
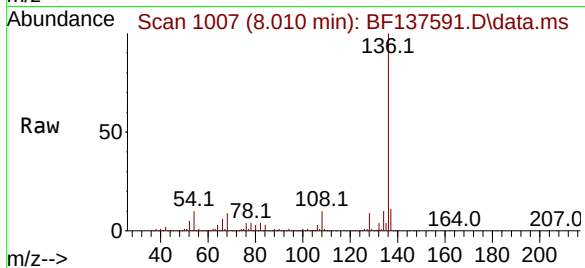
PB159568BS

Tgt Ion:136 Resp: 80956
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 9.6 8.5 12.7
68 8.6 7.4 11.2

Manual Integrations

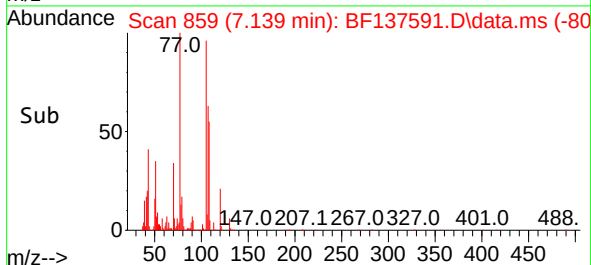
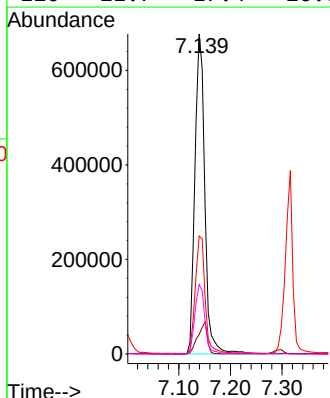
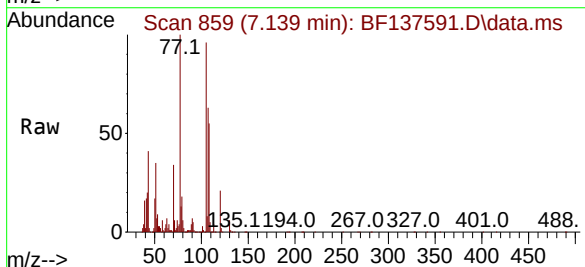
APPROVED

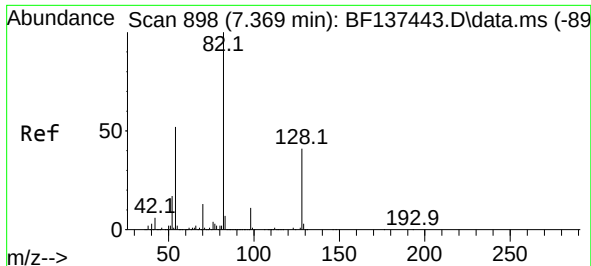
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#22
Acetophenone
Concen: 46.072 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion:105 Resp: 902443
Ion Ratio Lower Upper
105 100
71 6.1 7.7 11.5#
51 36.9 30.4 45.6
120 21.7 17.4 26.0





#23

Nitrobenzene-d5

Concen: 83.902 ng

RT: 7.298 min Scan# 886

Delta R.T. -0.000 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

PB159568BS

Tgt Ion: 82 Resp: 146186

Ion Ratio Lower Upper

82 100

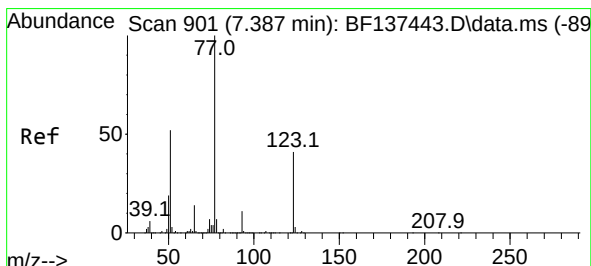
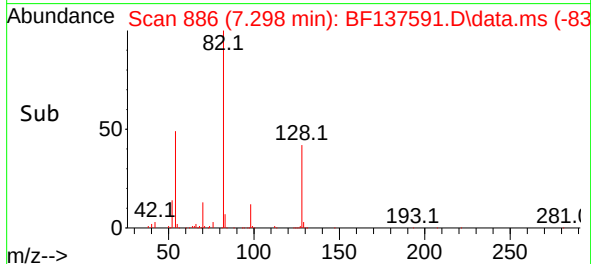
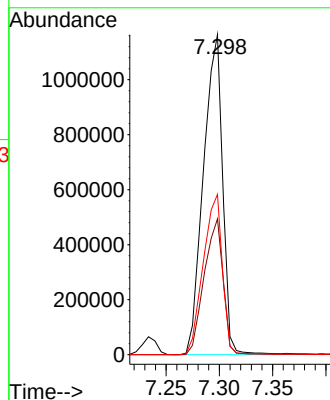
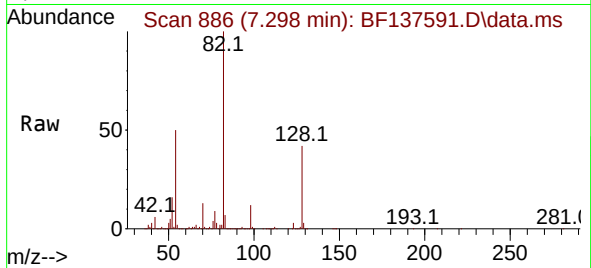
128 42.4 32.5 48.7

54 50.1 41.5 62.3

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 44.093 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.000 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

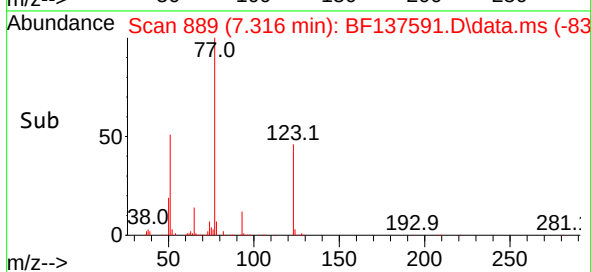
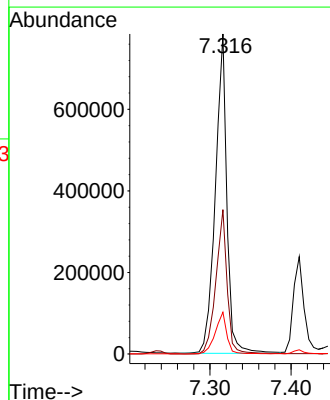
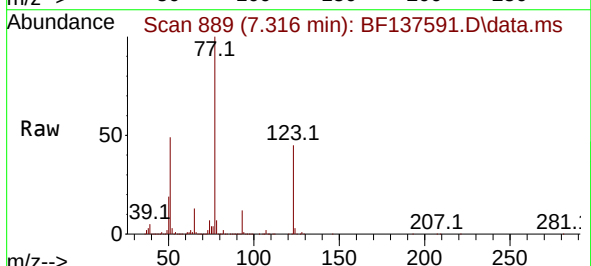
Tgt Ion: 77 Resp: 771751

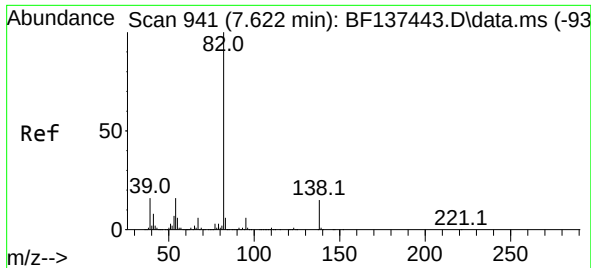
Ion Ratio Lower Upper

77 100

123 45.1 33.0 49.6

65 13.0 10.9 16.3





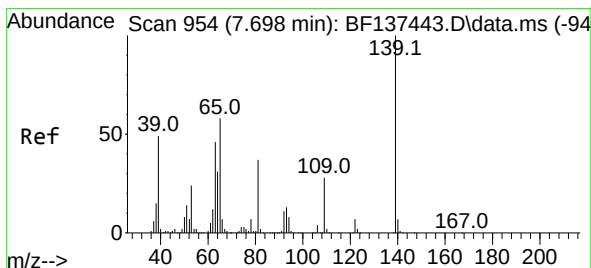
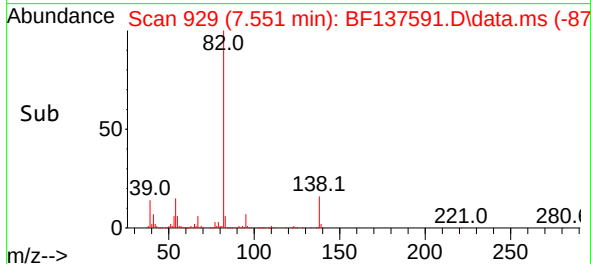
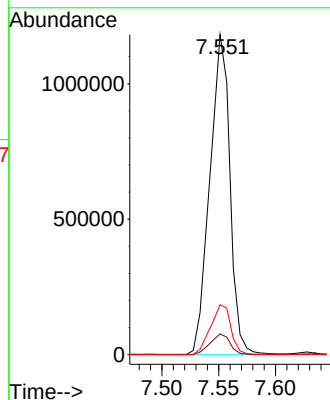
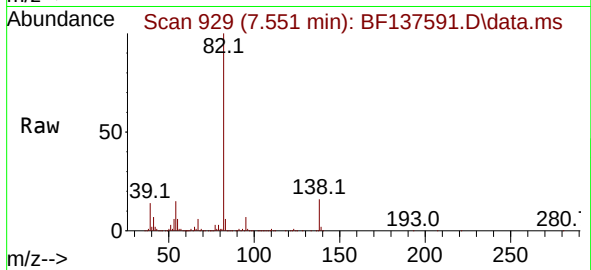
#25
Isophorone
Concen: 43.838 ng
RT: 7.551 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Instrument :
BNA_F
ClientSampleId :
PB159568BS

Tgt Ion: 82 Resp: 145112
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 15.6 11.8 17.8

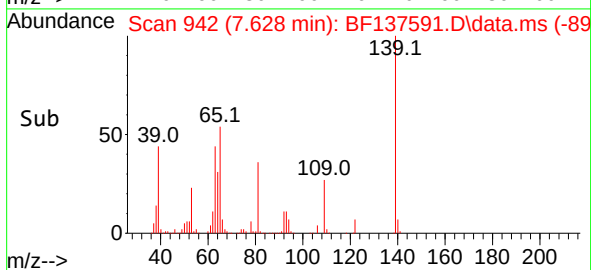
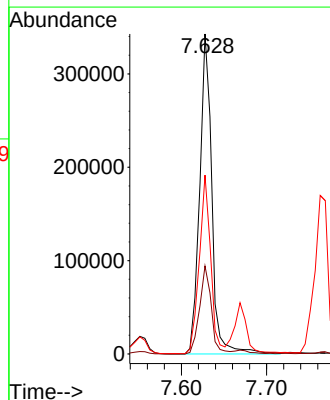
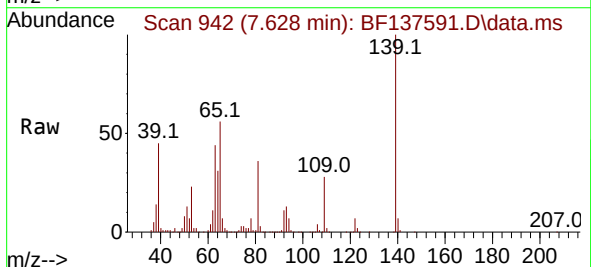
Manual Integrations
APPROVED

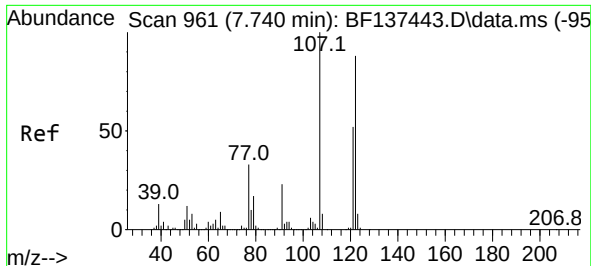
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#26
2-Nitrophenol
Concen: 49.168 ng
RT: 7.628 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

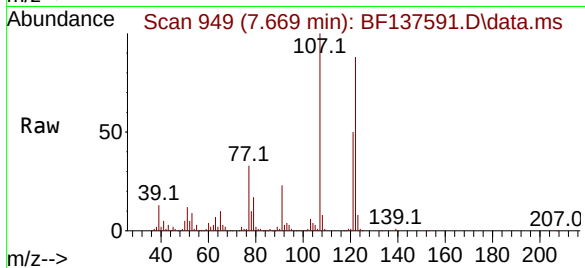
Tgt Ion:139 Resp: 341663
Ion Ratio Lower Upper
139 100
109 27.5 22.2 33.4
65 55.9 46.2 69.2





#27
2,4-Dimethylphenol
Concen: 38.877 ng
RT: 7.669 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

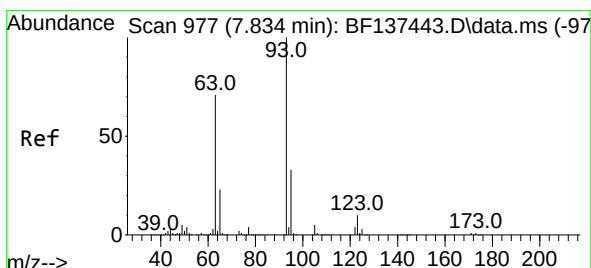
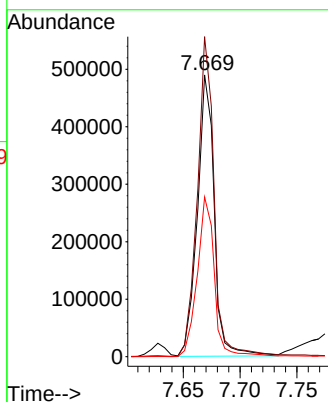
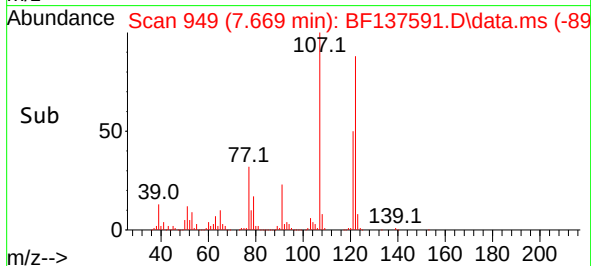
Instrument :
BNA_F
ClientSampleId :
PB159568BS



Tgt Ion:122 Resp: 504779
Ion Ratio Lower Upper
122 100
107 113.6 90.9 136.3
121 56.7 47.0 70.6

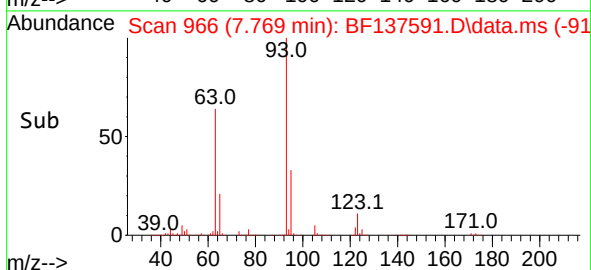
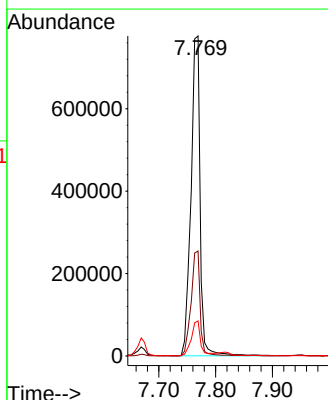
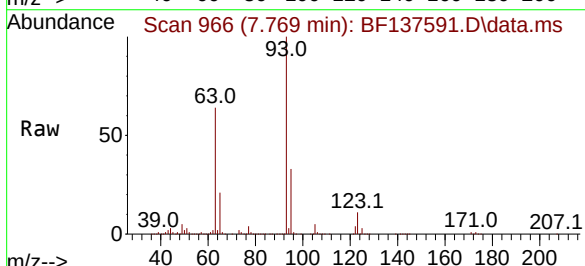
Manual Integrations
APPROVED

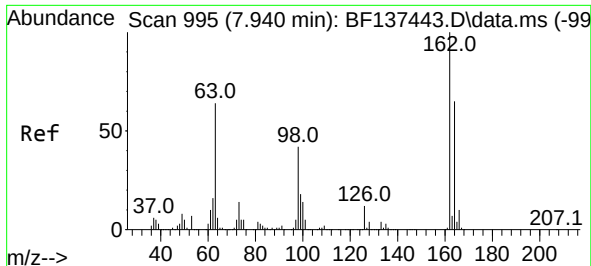
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#28
bis(2-Chloroethoxy)methane
Concen: 44.960 ng
RT: 7.769 min Scan# 966
Delta R.T. 0.006 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion: 93 Resp: 873210
Ion Ratio Lower Upper
93 100
95 32.8 26.5 39.7
123 11.0 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 46.881 ng

RT: 7.869 min Scan# 995

Delta R.T. -0.000 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

PB159568BS

Tgt Ion:162 Resp: 55865

Ion Ratio Lower Upper

162 100

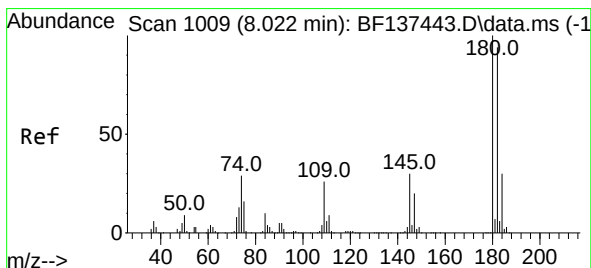
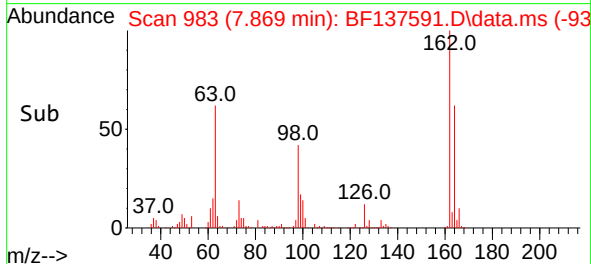
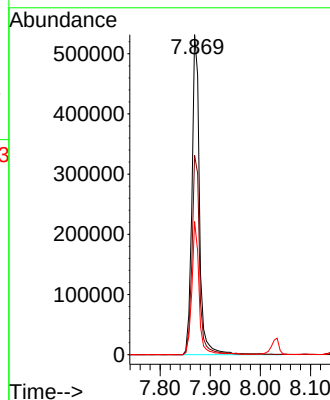
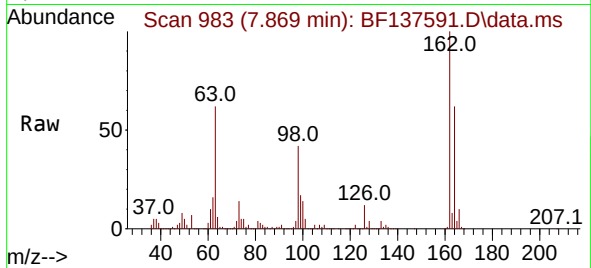
164 62.3 44.7 84.7

98 41.6 22.0 62.0

Manual Integrations

APPROVED

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



#30

1,2,4-Trichlorobenzene

Concen: 46.794 ng

RT: 7.951 min Scan# 997

Delta R.T. -0.000 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

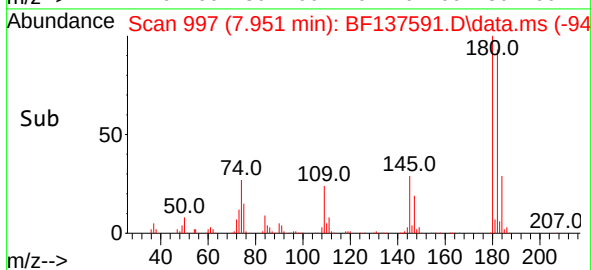
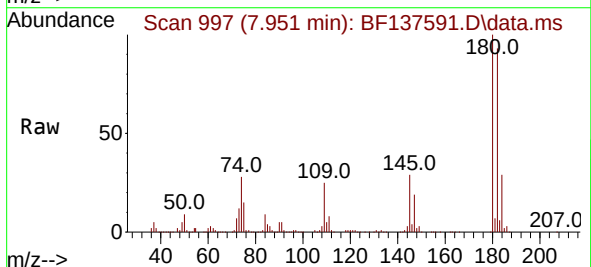
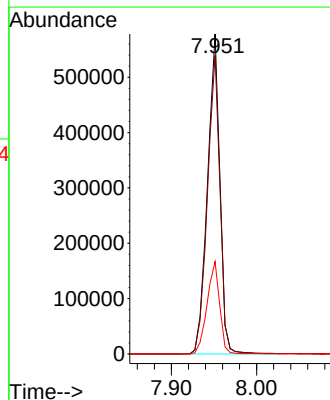
Tgt Ion:180 Resp: 586808

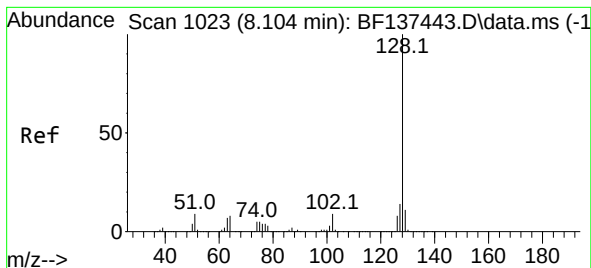
Ion Ratio Lower Upper

180 100

182 93.4 75.0 112.6

145 28.9 23.7 35.5





#31
Naphthalene
Concen: 44.092 ng
RT: 8.033 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

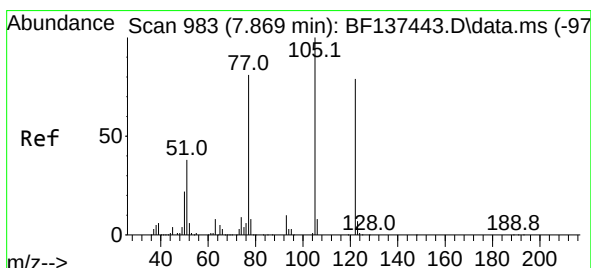
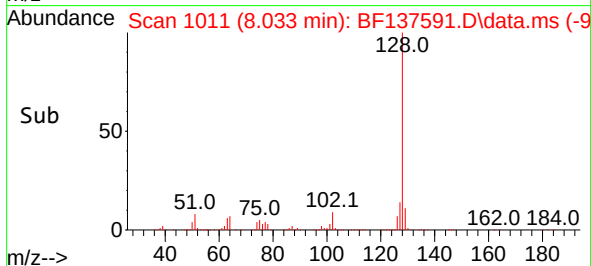
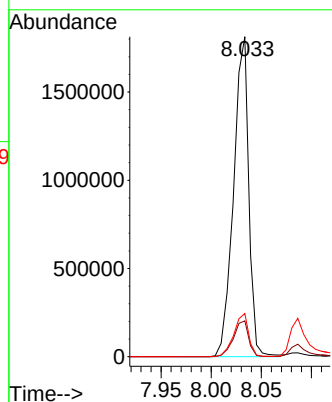
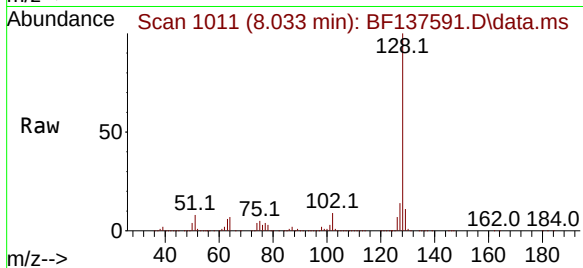
PB159568BS

Tgt Ion:128 Resp: 1915184
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.5 10.8 16.2

Manual Integrations

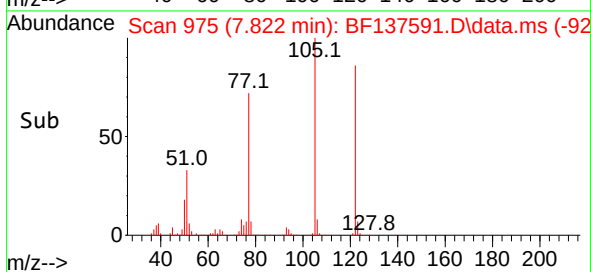
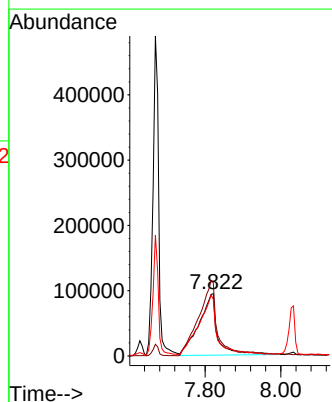
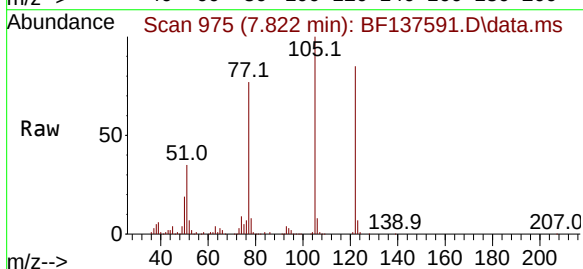
APPROVED

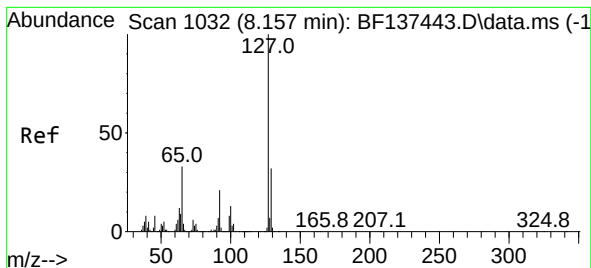
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#32
Benzoic acid
Concen: 44.130 ng
RT: 7.822 min Scan# 975
Delta R.T. 0.023 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion:122 Resp: 325601
Ion Ratio Lower Upper
122 100
105 117.5 102.4 142.4
77 91.0 81.1 121.1





#33

4-Chloroaniline

Concen: 16.595 ng

RT: 8.086 min Scan# 1030

Delta R.T. -0.000 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

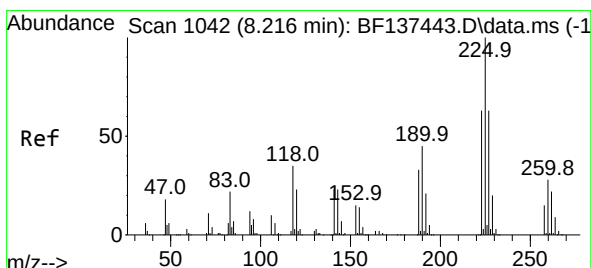
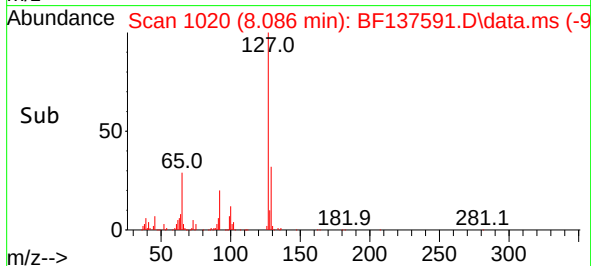
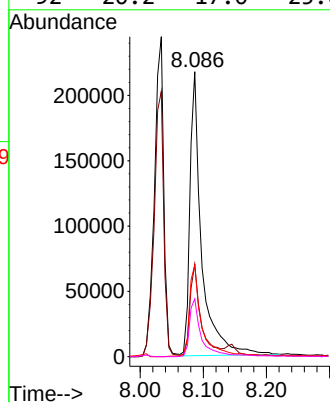
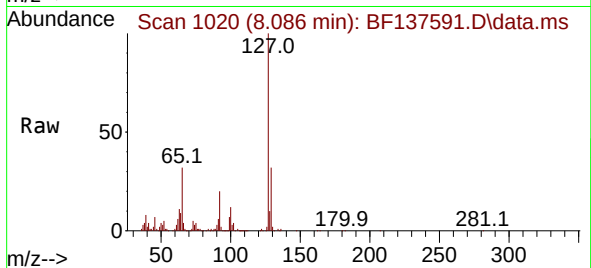
PB159568BS

Tgt Ion:	127	Resp:	28264
Ion Ratio	Lower	Upper	
127	100		
129	32.4	26.0	39.0
65	32.2	26.8	40.2
92	20.2	17.0	25.6

Manual Integrations

APPROVED

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



#34

Hexachlorobutadiene

Concen: 45.847 ng

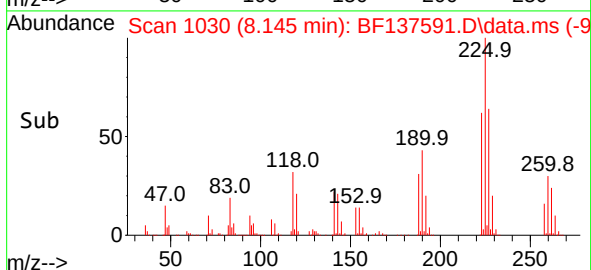
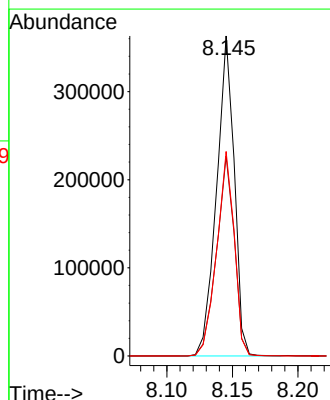
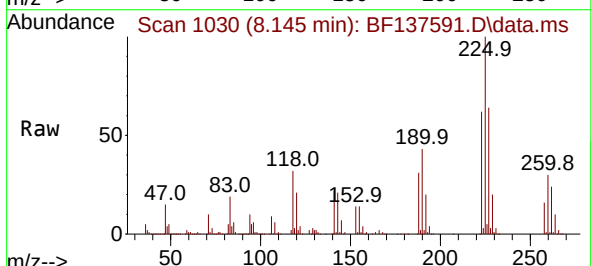
RT: 8.145 min Scan# 1030

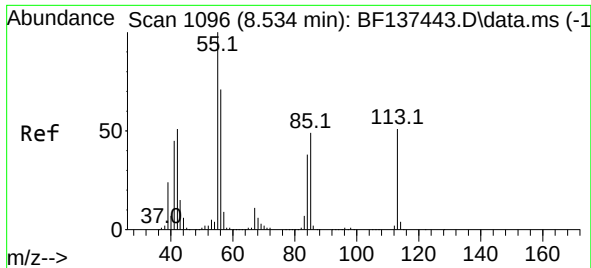
Delta R.T. -0.000 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

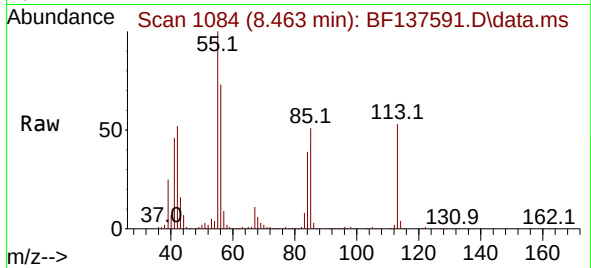
Tgt Ion:	225	Resp:	339428
Ion Ratio	Lower	Upper	
225	100		
223	62.5	50.7	76.1
227	63.9	50.6	75.8





#35
Caprolactam
Concen: 42.793 ng m
RT: 8.463 min Scan# 1103
Delta R.T. 0.006 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

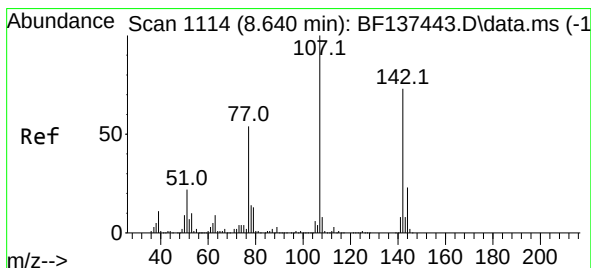
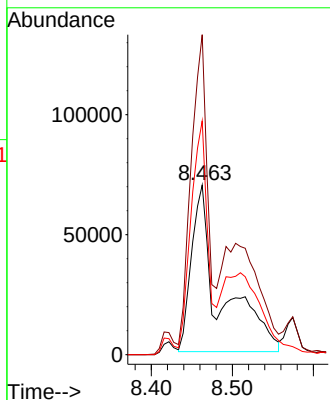
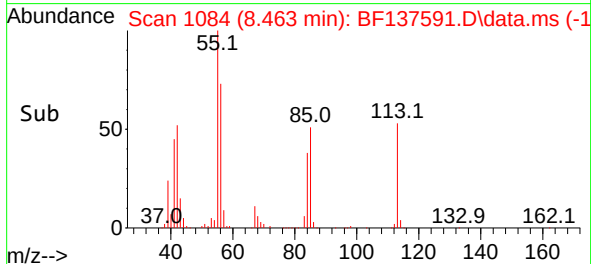
Instrument :
BNA_F
ClientSampleId :
PB159568BS



Tgt Ion:113 Resp: 17291
Ion Ratio Lower Upper
113 100
55 188.7 176.7 216.7
56 137.8 120.6 160.6

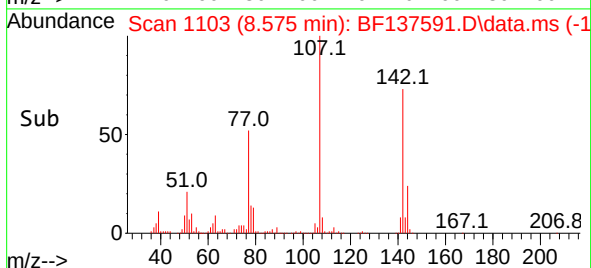
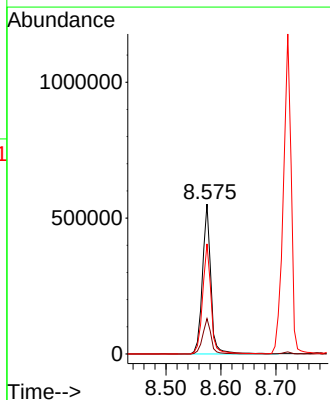
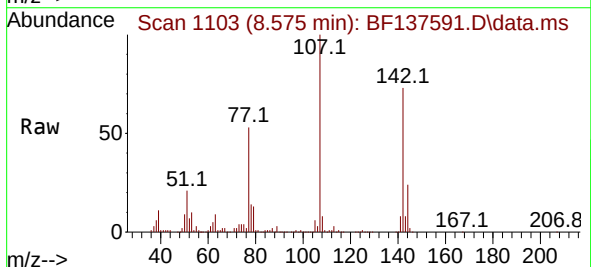
Manual Integrations
APPROVED

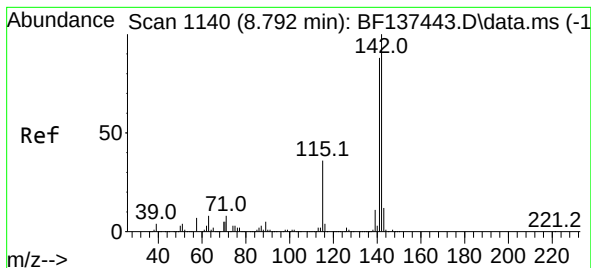
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#36
4-Chloro-3-methylphenol
Concen: 44.036 ng
RT: 8.575 min Scan# 1103
Delta R.T. 0.006 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion:107 Resp: 586565
Ion Ratio Lower Upper
107 100
144 23.6 18.7 28.1
142 73.4 58.2 87.2





#37
2-Methylnaphthalene
Concen: 41.938 ng
RT: 8.722 min Scan# 1140
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

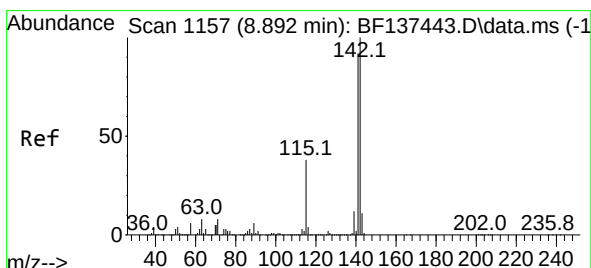
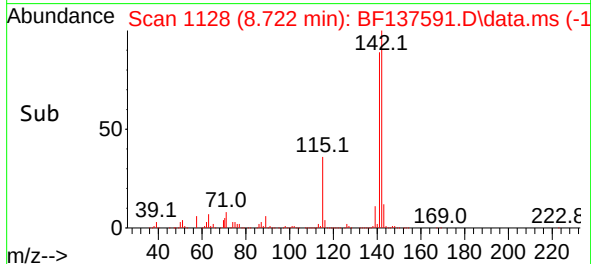
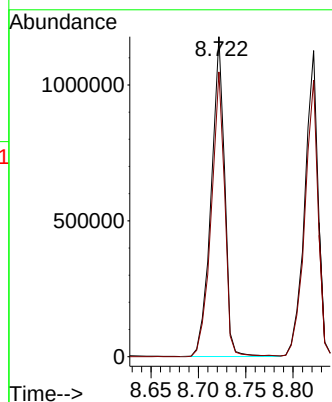
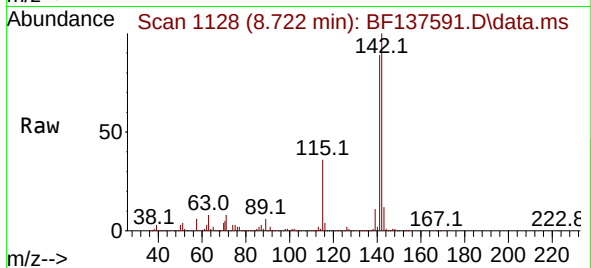
PB159568BS

Tgt Ion:142 Resp: 116126
Ion Ratio Lower Upper
142 100
141 89.0 70.4 105.6

Manual Integrations

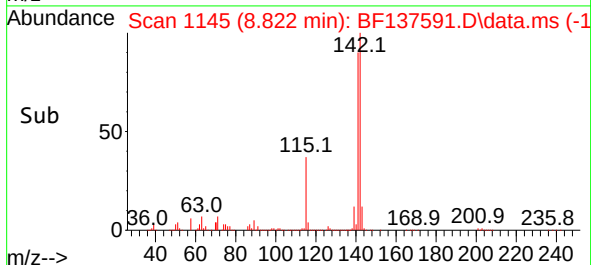
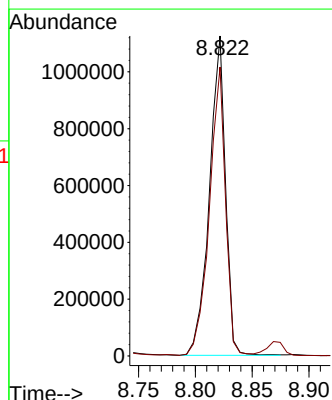
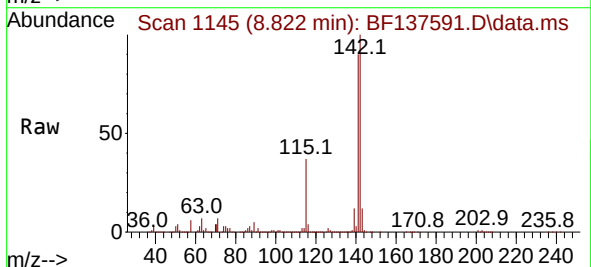
APPROVED

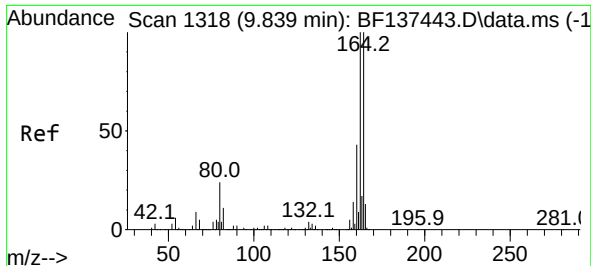
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#38
1-Methylnaphthalene
Concen: 42.366 ng
RT: 8.822 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion:142 Resp: 1104773
Ion Ratio Lower Upper
142 100
141 90.3 73.4 110.2





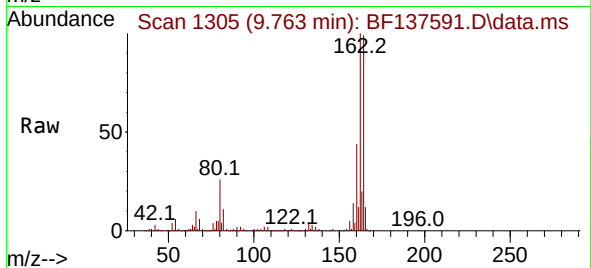
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

PB159568BS

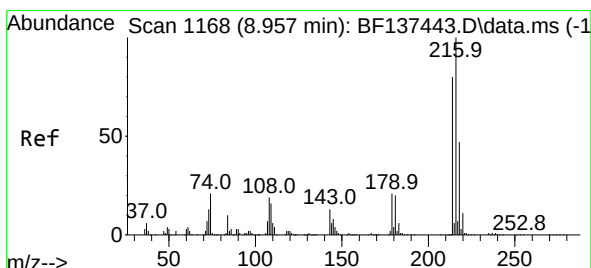
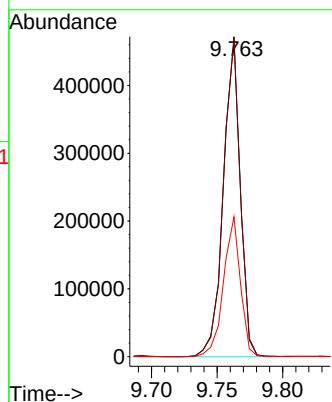
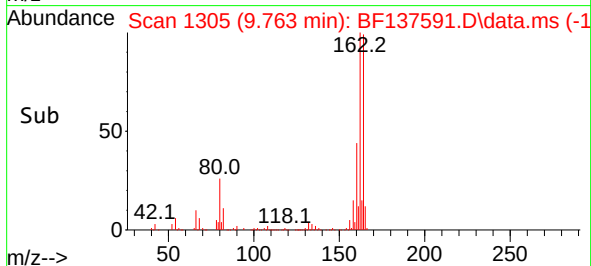


Tgt Ion:164 Resp: 419558
Ion Ratio Lower Upper
164 100
162 100.8 79.8 119.8
160 44.1 34.4 51.6

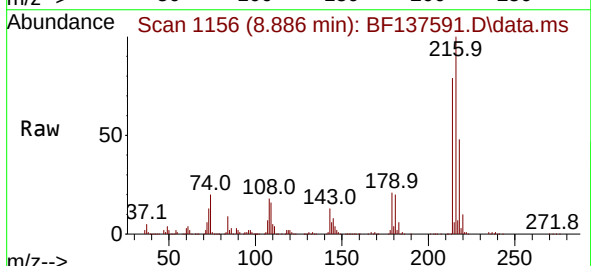
Manual Integrations

APPROVED

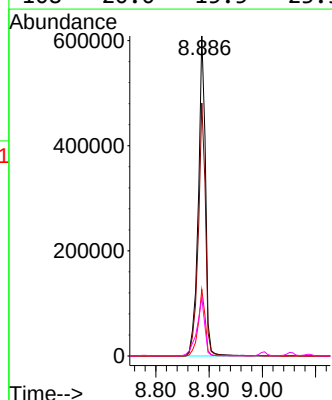
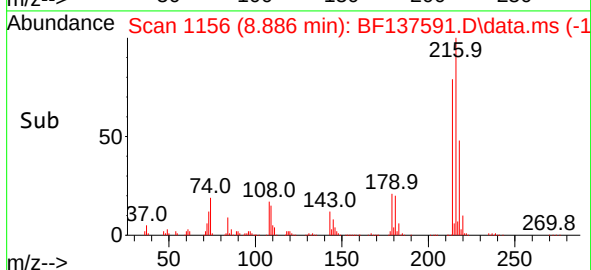
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024

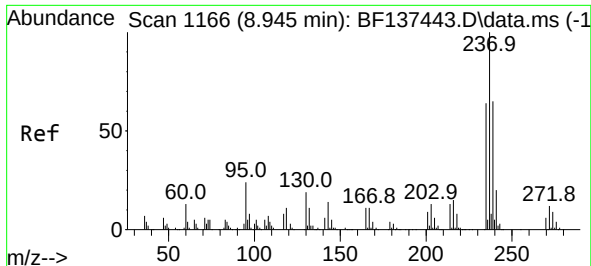


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.742 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31



Tgt Ion:216 Resp: 570909
Ion Ratio Lower Upper
216 100
214 78.8 63.5 95.3
179 20.1 16.6 25.0
108 20.0 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 90.853 ng
RT: 8.875 min Scan# 1166
Delta R.T. 0.006 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

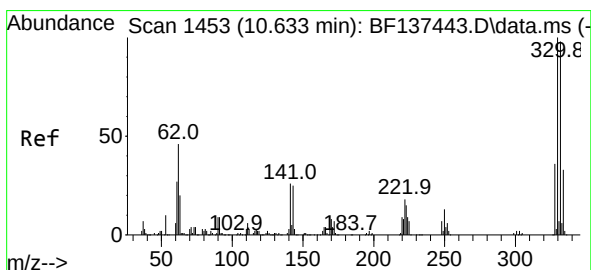
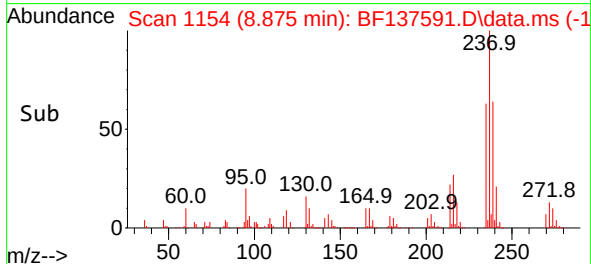
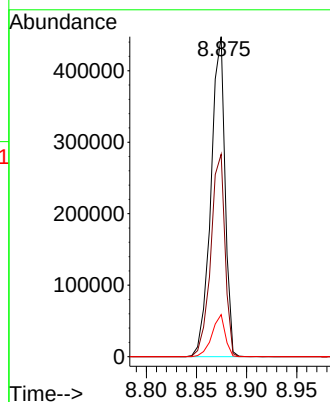
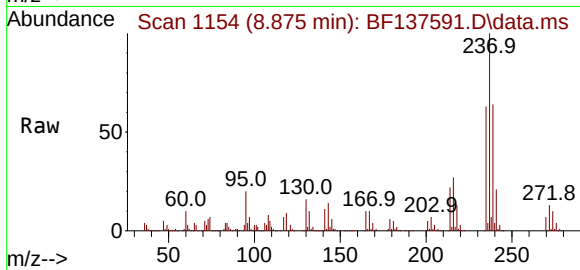
PB159568BS

Tgt Ion:237 Resp: 44023
Ion Ratio Lower Upper
237 100
235 63.3 43.6 83.6
272 13.2 0.0 31.9

Manual Integrations

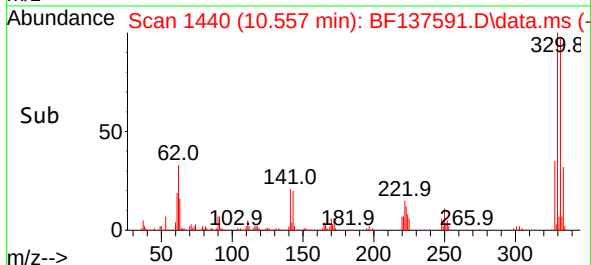
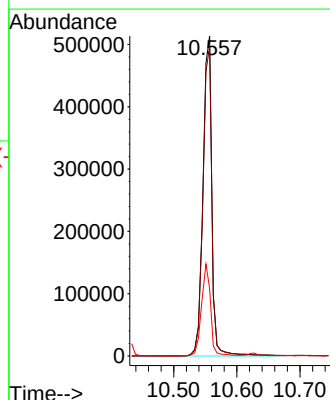
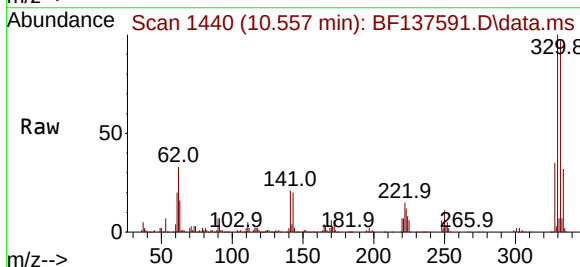
APPROVED

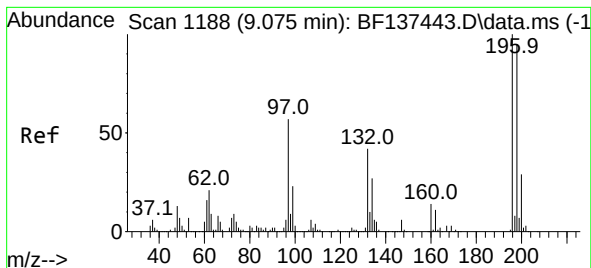
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#42
2,4,6-Tribromophenol
Concen: 136.225 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion:330 Resp: 501911
Ion Ratio Lower Upper
330 100
332 96.7 78.0 117.0
141 28.9 27.3 40.9





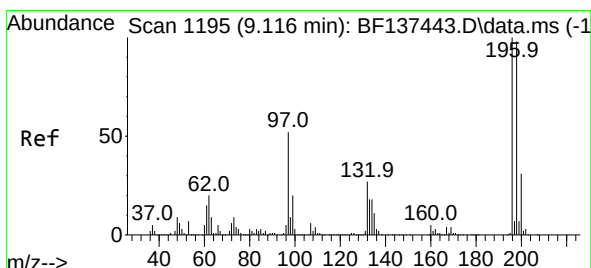
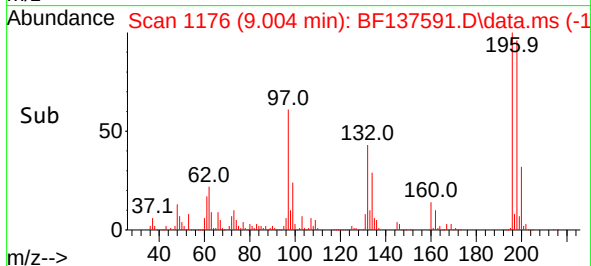
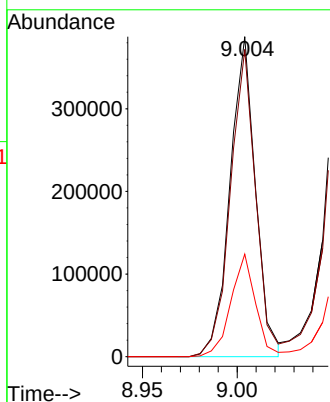
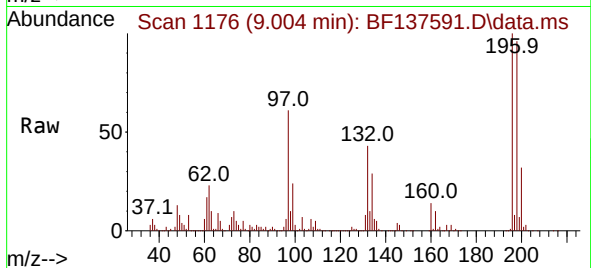
#43
2,4,6-Trichlorophenol
Concen: 47.499 ng
RT: 9.004 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Instrument :
BNA_F
ClientSampleId :
PB159568BS

Tgt Ion:196 Resp: 362290
Ion Ratio Lower Upper
196 100
198 96.0 75.8 113.8
200 32.0 23.5 35.3

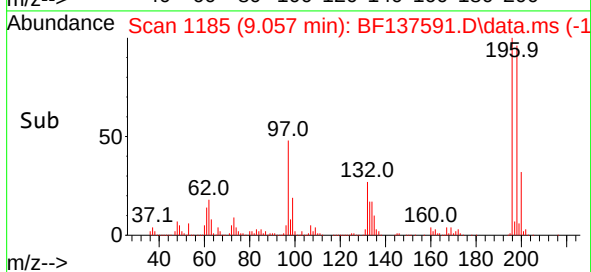
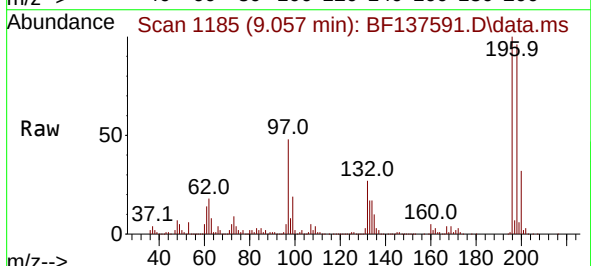
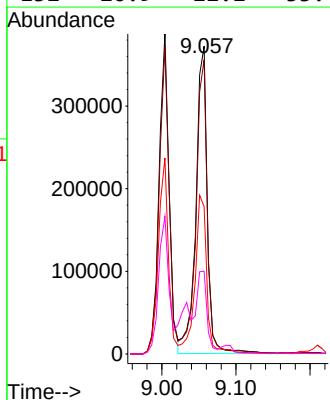
Manual Integrations
APPROVED

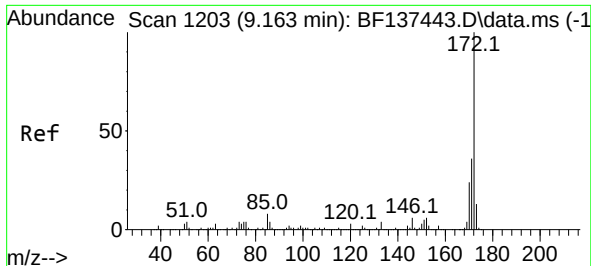
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#44
2,4,5-Trichlorophenol
Concen: 45.261 ng
RT: 9.057 min Scan# 1185
Delta R.T. 0.017 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion:196 Resp: 397683
Ion Ratio Lower Upper
196 100
198 95.6 78.6 117.8
97 47.9 41.8 62.8
132 26.9 22.2 33.4





#45
2-Fluorobiphenyl
Concen: 86.582 ng
RT: 9.086 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

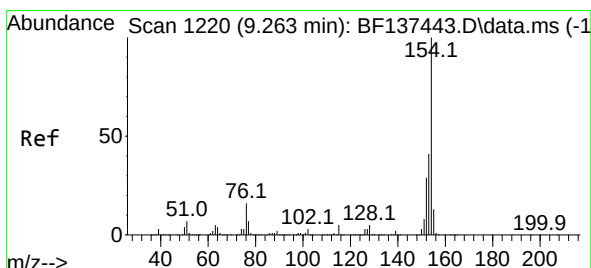
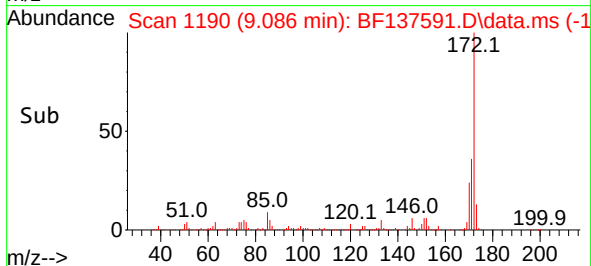
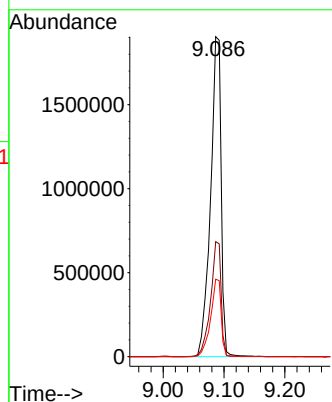
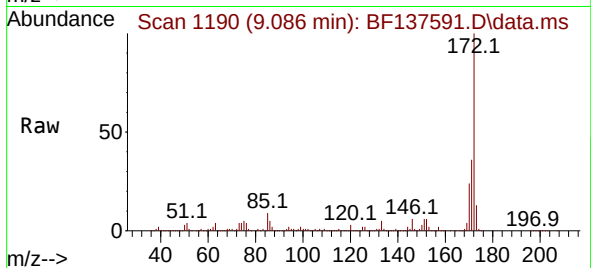
PB159568BS

Tgt Ion:172 Resp: 232061
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 24.2 19.0 28.6

Manual Integrations

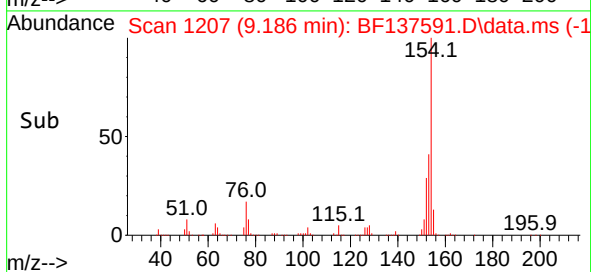
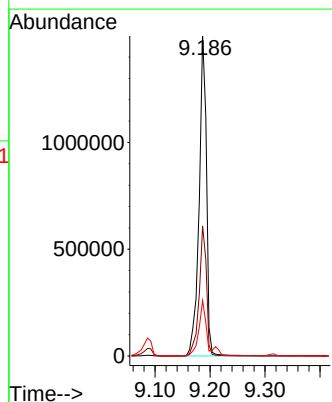
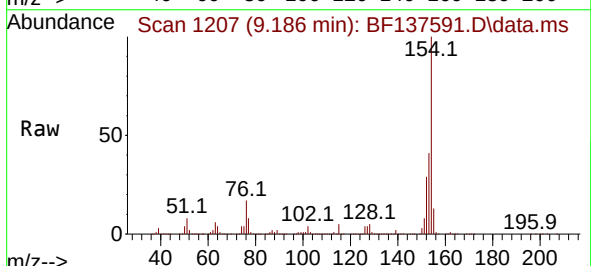
APPROVED

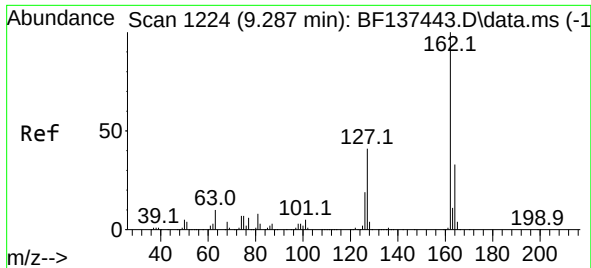
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#46
1,1'-Biphenyl
Concen: 45.865 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion:154 Resp: 1408408
Ion Ratio Lower Upper
154 100
153 40.6 21.0 61.0
76 17.3 0.0 35.8





#47

2-Chloronaphthalene

Concen: 47.546 ng

RT: 9.210 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

PB159568BS

Tgt Ion:162 Resp: 111315

Ion Ratio Lower Upper

162 100

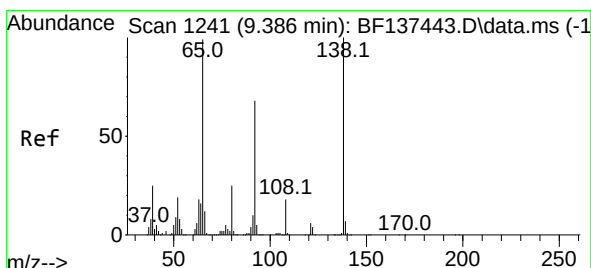
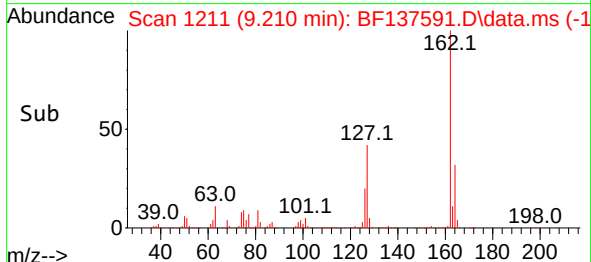
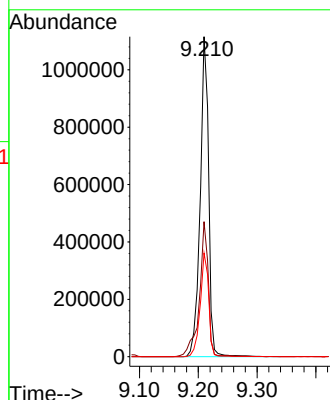
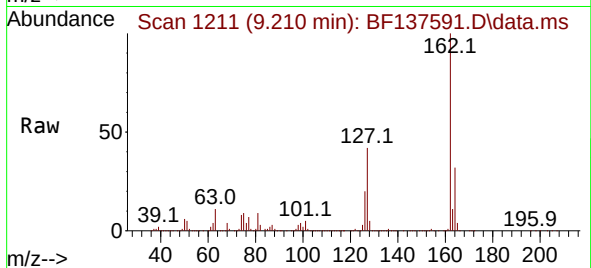
127 42.2 32.6 49.0

164 32.4 26.5 39.7

Manual Integrations

APPROVED

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



#48

2-Nitroaniline

Concen: 47.719 ng

RT: 9.316 min Scan# 1229

Delta R.T. 0.006 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

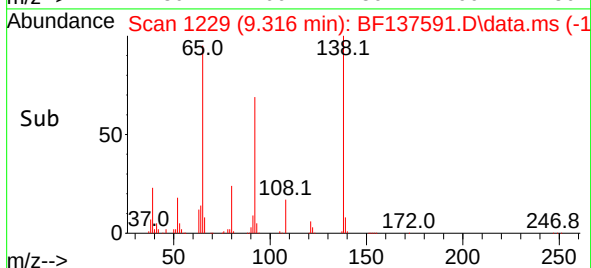
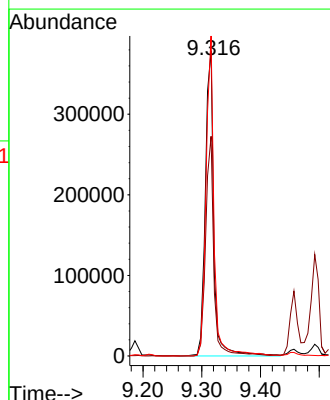
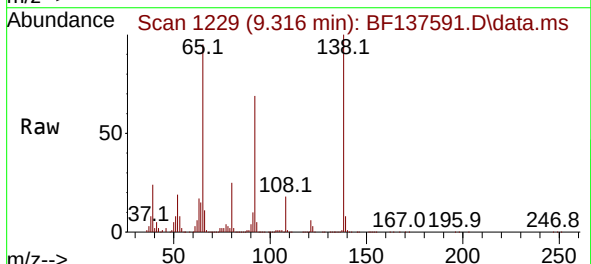
Tgt Ion: 65 Resp: 379728

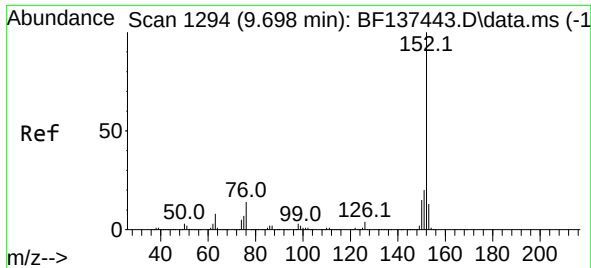
Ion Ratio Lower Upper

65 100

92 72.0 55.4 83.2

138 104.8 81.0 121.6





#49
Acenaphthylene
Concen: 46.479 ng
RT: 9.627 min Scan# 1282
Delta R.T. 0.006 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

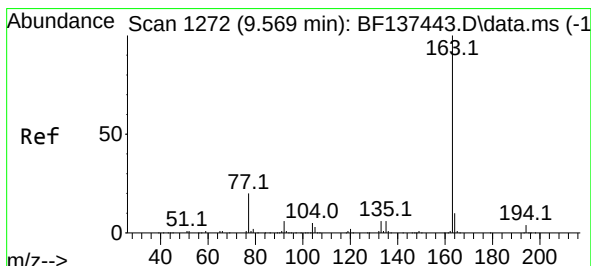
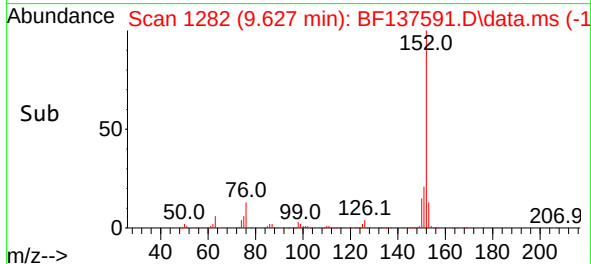
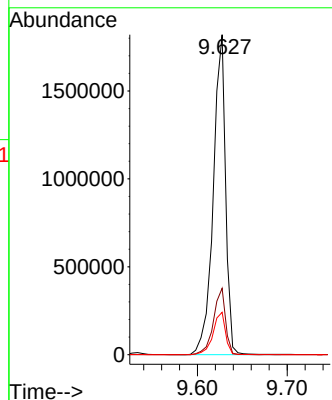
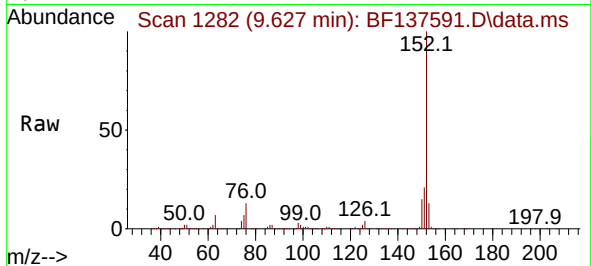
PB159568BS

Tgt Ion:152 Resp: 174145
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 13.3 10.8 16.2

Manual Integrations

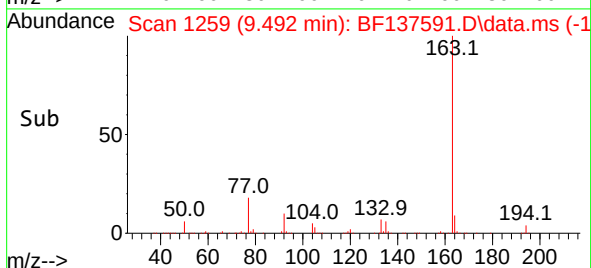
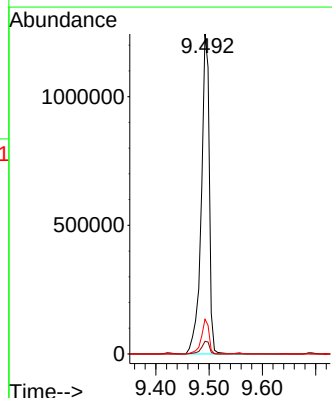
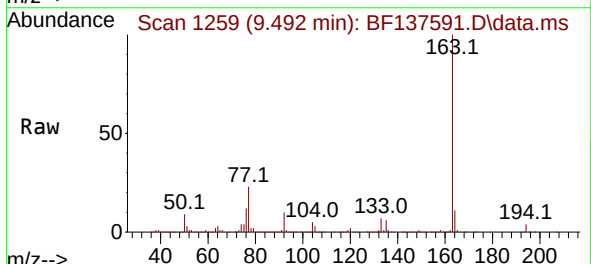
APPROVED

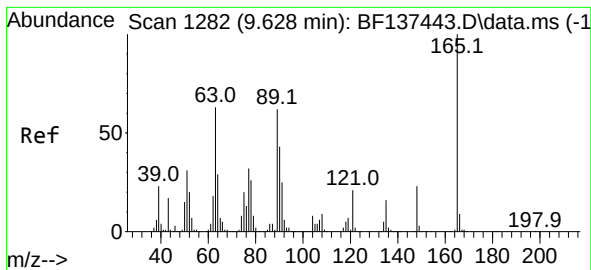
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#50
Dimethylphthalate
Concen: 44.480 ng
RT: 9.492 min Scan# 1259
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

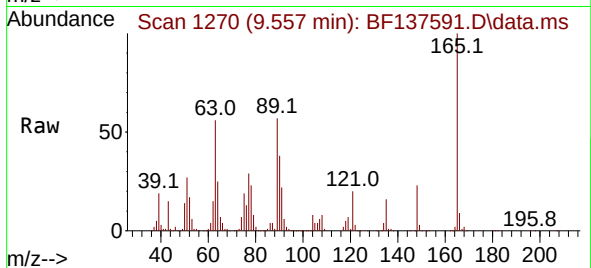
Tgt Ion:163 Resp: 1299088
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.8 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 47.008 ng
RT: 9.557 min Scan# 1111
Delta R.T. 0.006 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

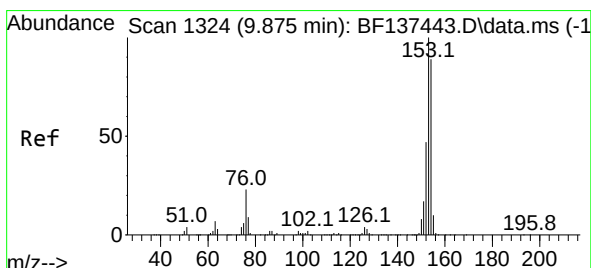
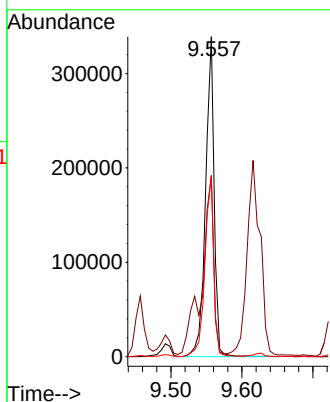
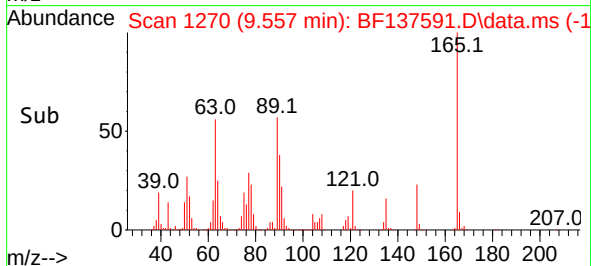
Instrument :
BNA_F
ClientSampleId :
PB159568BS



Tgt Ion:165 Resp: 28716
Ion Ratio Lower Upper
165 100
63 56.3 50.7 76.1
89 56.6 50.0 75.0

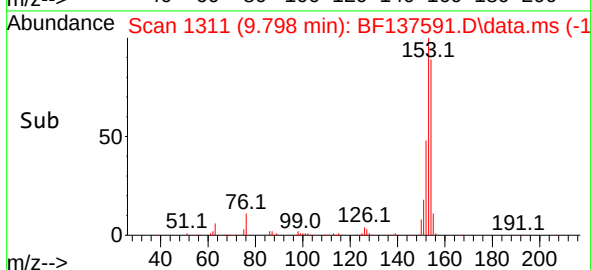
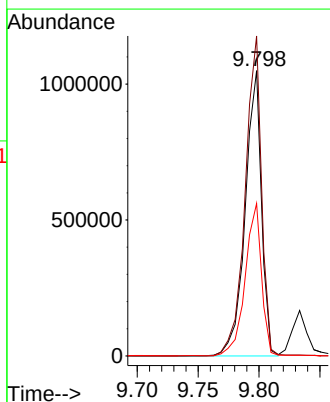
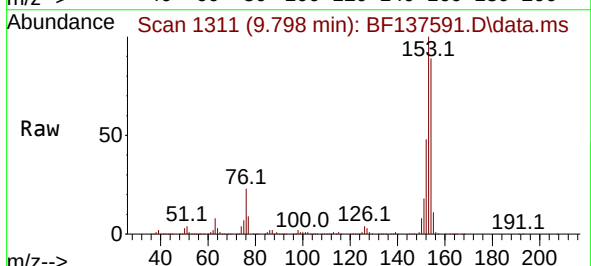
Manual Integrations
APPROVED

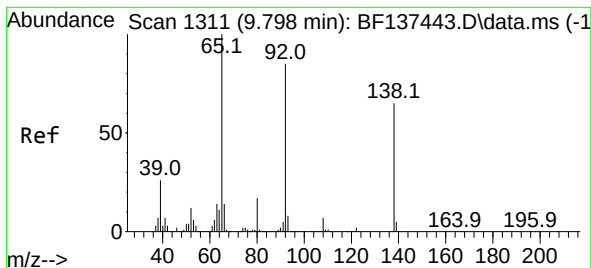
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#52
Acenaphthene
Concen: 43.779 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion:154 Resp: 979267
Ion Ratio Lower Upper
154 100
153 112.1 90.3 135.5
152 53.4 42.7 64.1





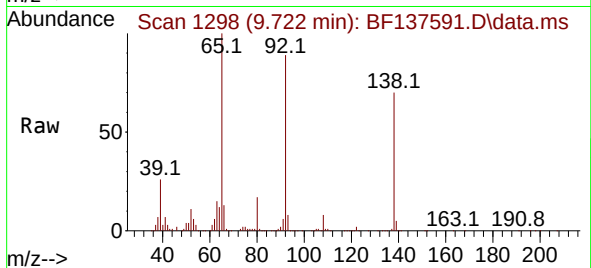
#53
3-Nitroaniline
Concen: 30.121 ng
RT: 9.722 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

PB159568BS

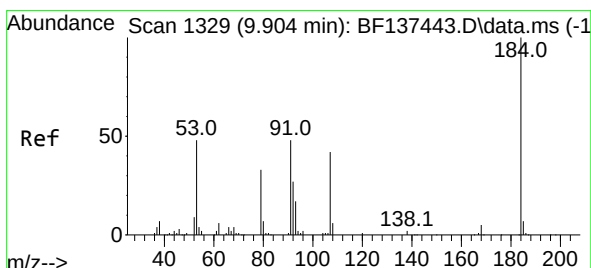
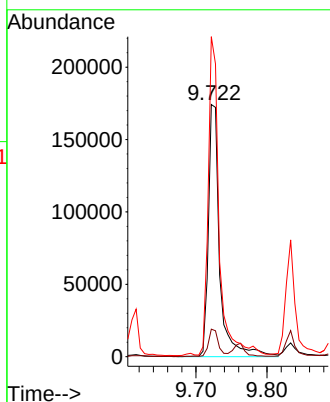
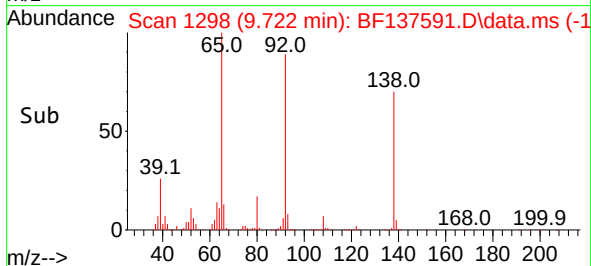


Tgt Ion:138 Resp: 194625
Ion Ratio Lower Upper
138 100
108 10.9 9.1 13.7
92 126.9 104.6 157.0

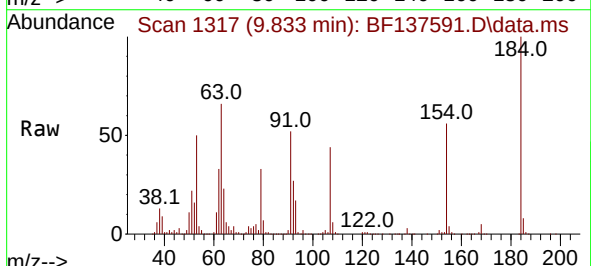
Manual Integrations

APPROVED

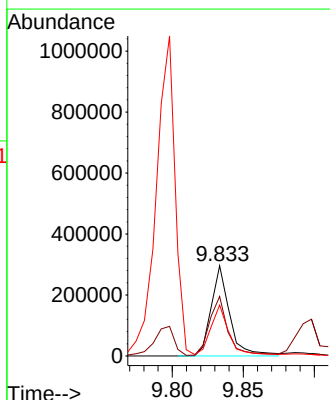
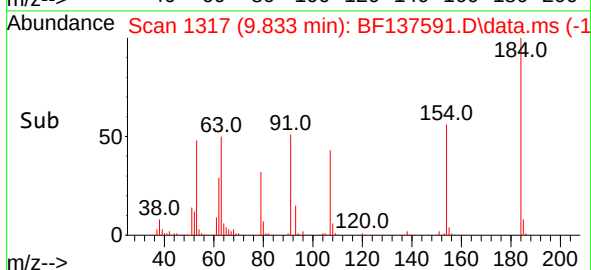
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024

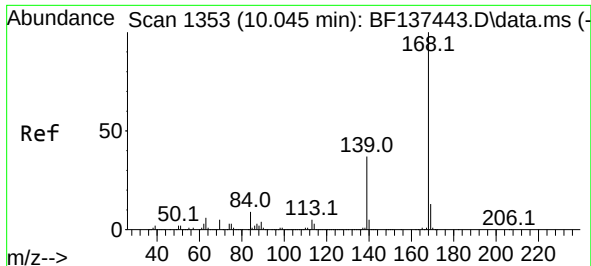


#54
2,4-Dinitrophenol
Concen: 89.198 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31



Tgt Ion:184 Resp: 268905
Ion Ratio Lower Upper
184 100
63 65.9 53.3 79.9
154 56.4 47.4 71.0





#55
Dibenzenofuran
Concen: 43.565 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

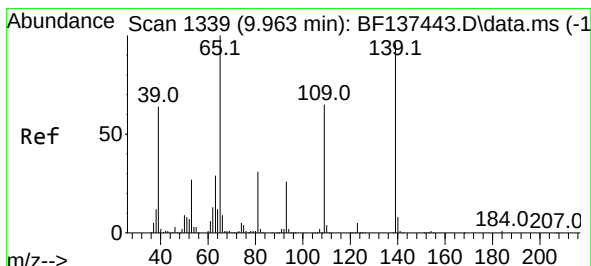
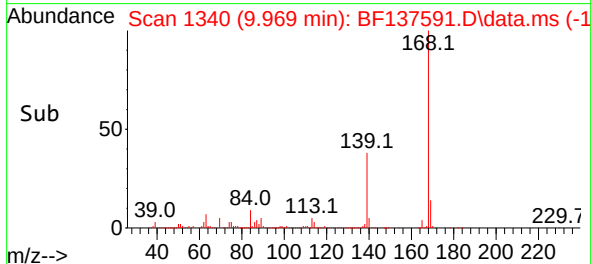
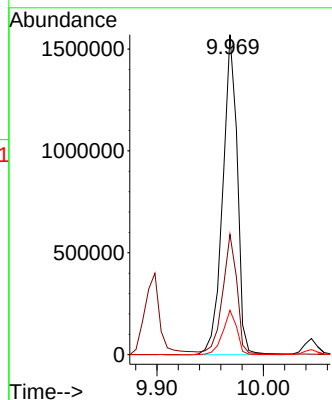
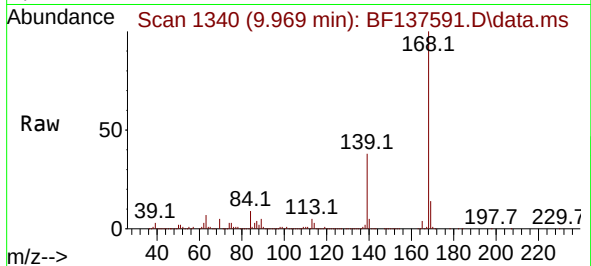
PB159568BS

Tgt Ion:168 Resp: 1484210
Ion Ratio Lower Upper
168 100
139 37.6 29.8 44.6
169 13.9 10.8 16.2

Manual Integrations

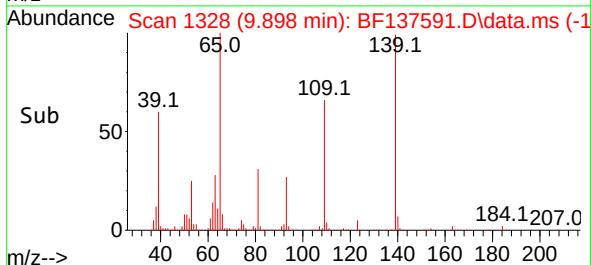
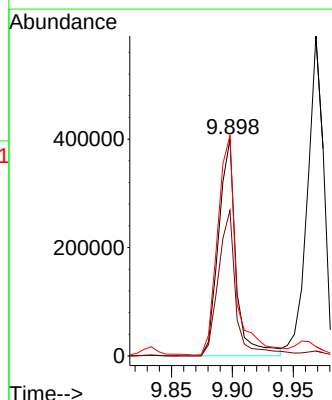
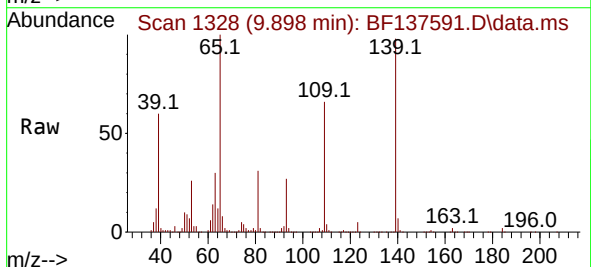
APPROVED

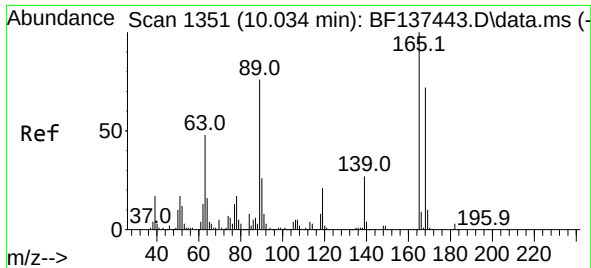
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#56
4-Nitrophenol
Concen: 86.765 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.012 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion:139 Resp: 400721
Ion Ratio Lower Upper
139 100
109 67.2 47.1 87.1
65 101.7 85.1 125.1





#57
2,4-Dinitrotoluene
Concen: 46.911 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

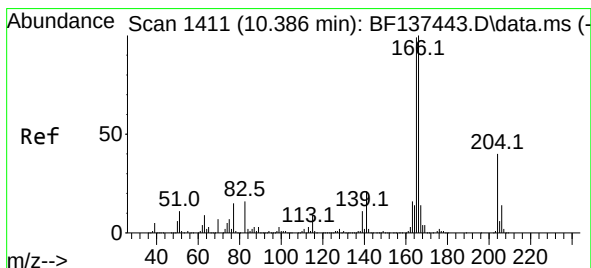
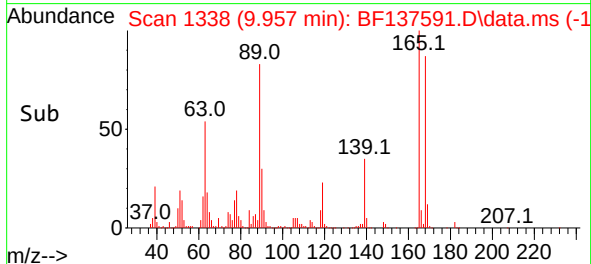
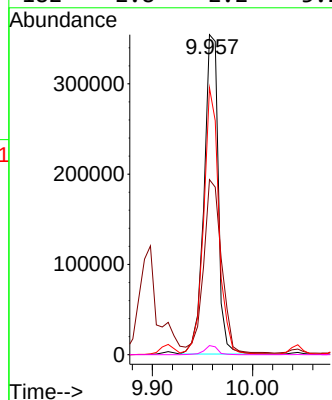
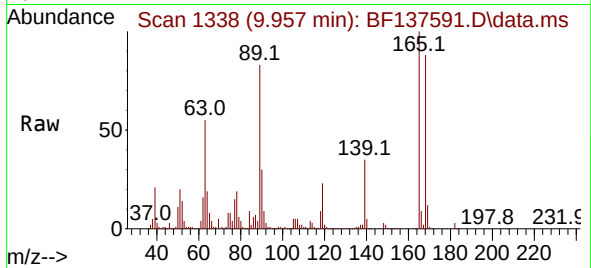
PB159568BS

Tgt Ion:165 Resp: 35206
Ion Ratio Lower Upper
165 100
63 54.7 39.0 58.6
89 83.4 60.9 91.3
182 2.8 2.2 3.2

Manual Integrations

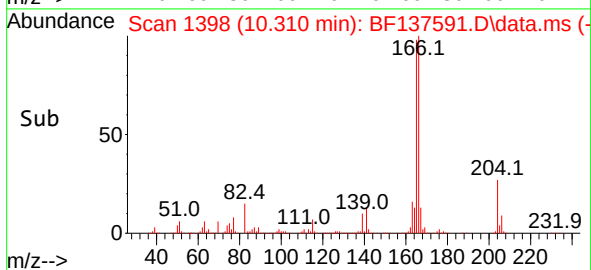
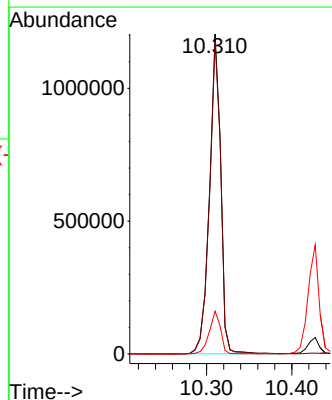
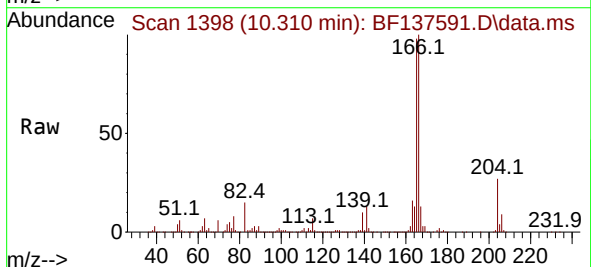
APPROVED

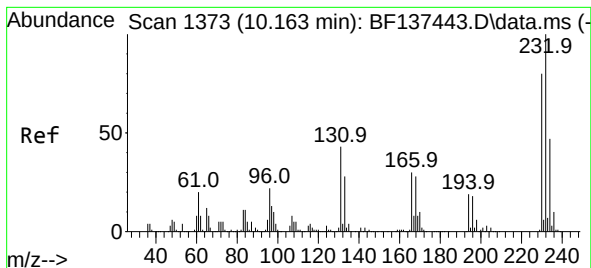
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#58
Fluorene
Concen: 42.113 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion:166 Resp: 1101864
Ion Ratio Lower Upper
166 100
165 97.9 79.2 118.8
167 13.4 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.545 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

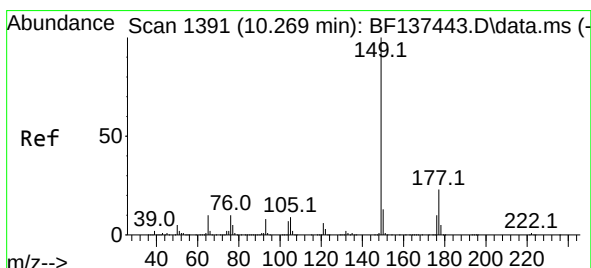
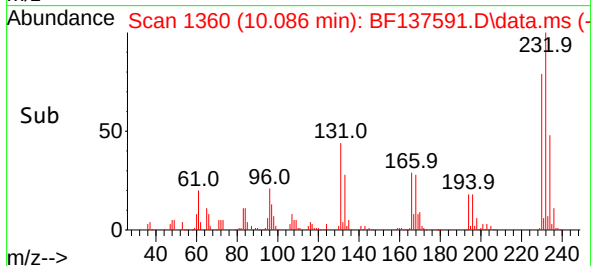
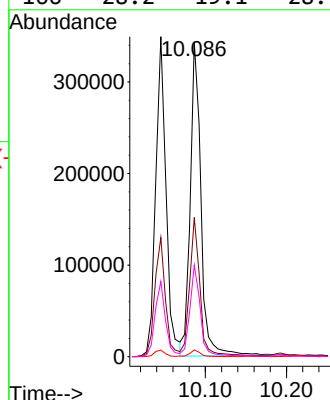
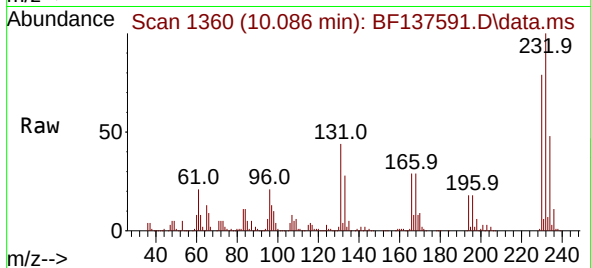
PB159568BS

Tgt Ion:232 Resp: 313864
Ion Ratio Lower Upper
232 100
131 43.5 31.2 46.8
130 2.2 1.8 2.6
166 28.2 19.1 28.7

Manual Integrations

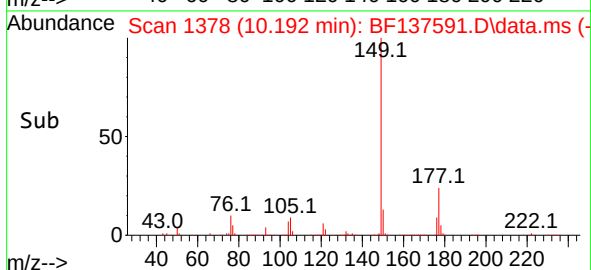
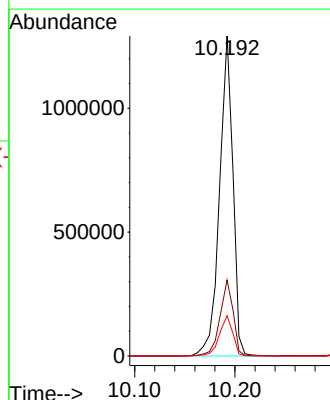
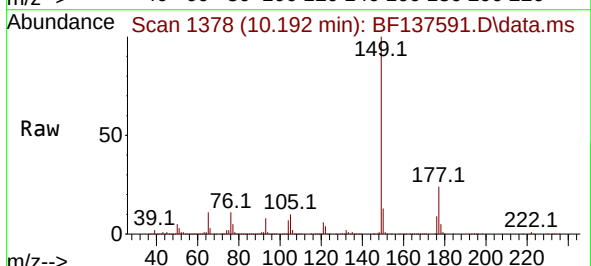
APPROVED

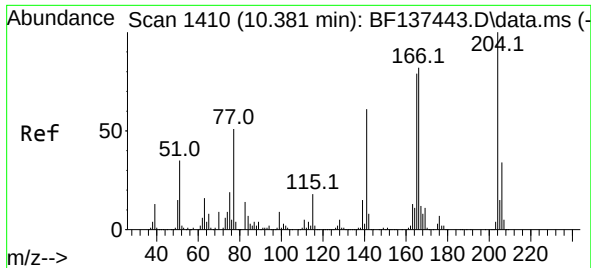
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#60
Diethylphthalate
Concen: 43.327 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion:149 Resp: 1194961
Ion Ratio Lower Upper
149 100
177 23.7 18.7 28.1
150 12.6 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 41.447 ng
RT: 10.304 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

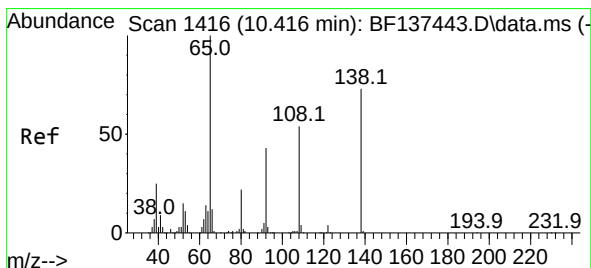
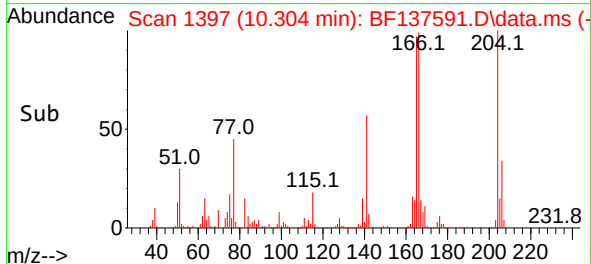
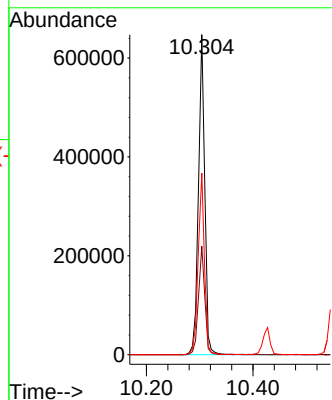
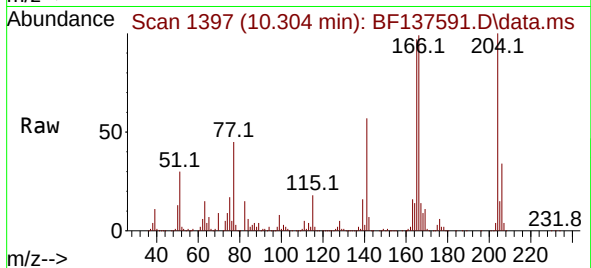
PB159568BS

Tgt Ion:204 Resp: 531472
Ion Ratio Lower Upper
204 100
206 33.9 27.4 41.0
141 56.8 48.4 72.6

Manual Integrations

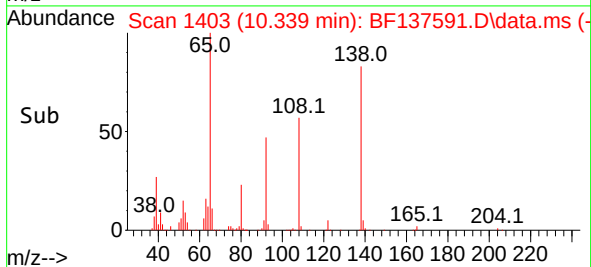
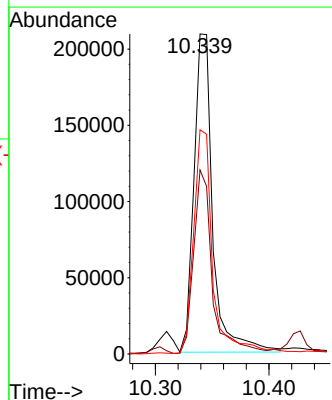
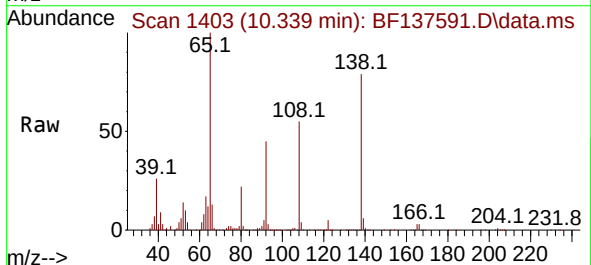
APPROVED

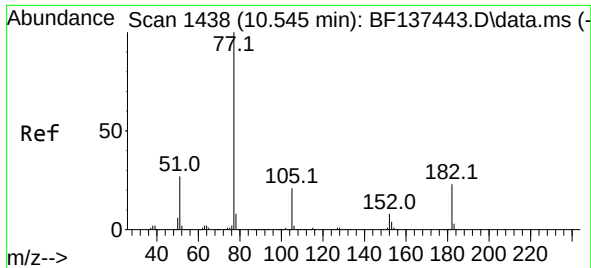
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#62
4-Nitroaniline
Concen: 43.312 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion:138 Resp: 240534
Ion Ratio Lower Upper
138 100
92 57.5 37.9 77.9
108 70.0 53.2 93.2





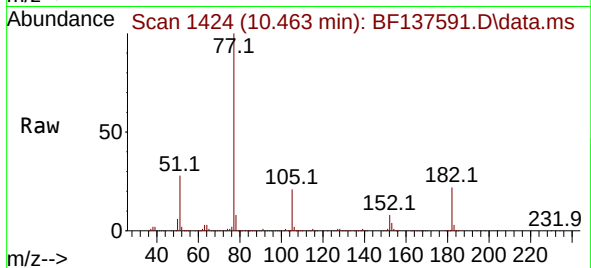
#63
Azobenzene
Concen: 42.056 ng
RT: 10.463 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

PB159568BS

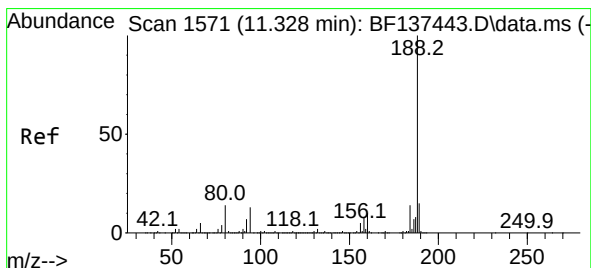
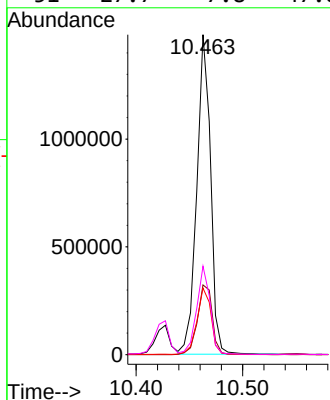
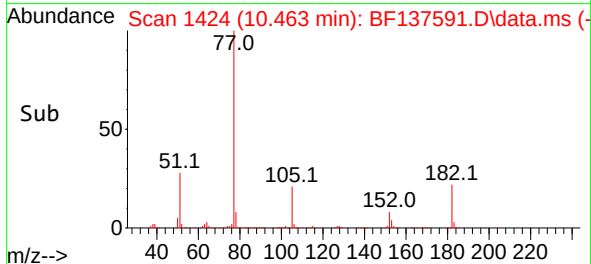


Tgt Ion: 77 Resp: 1335604
Ion Ratio Lower Upper
77 100
182 21.8 3.2 43.2
105 20.8 1.2 41.2
51 27.7 7.8 47.8

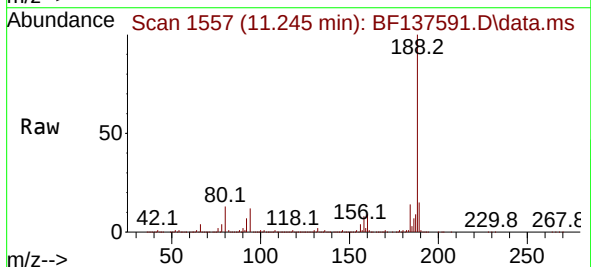
Manual Integrations

APPROVED

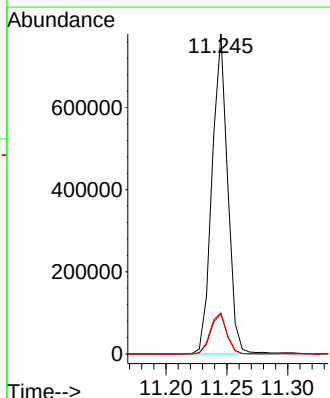
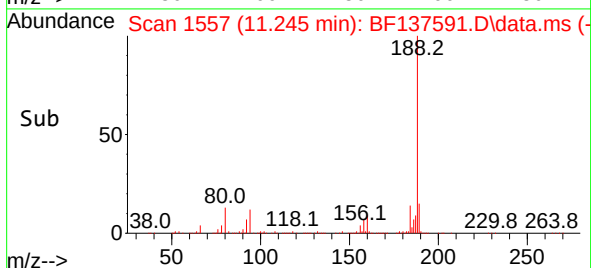
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024

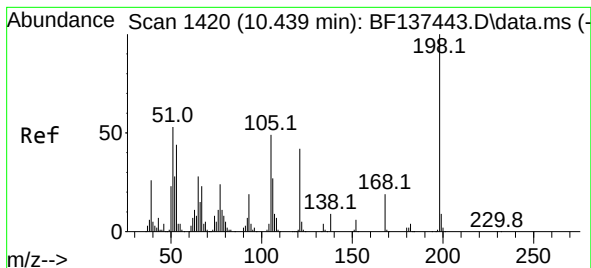


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.006 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31



Tgt Ion:188 Resp: 694285
Ion Ratio Lower Upper
188 100
94 12.5 10.6 15.8
80 12.8 11.5 17.3





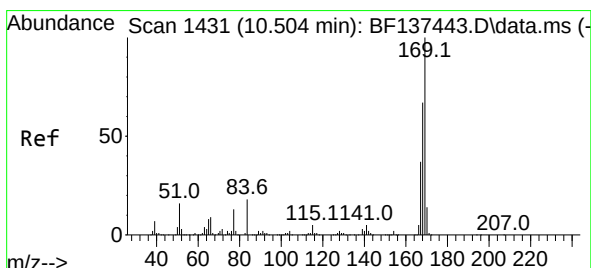
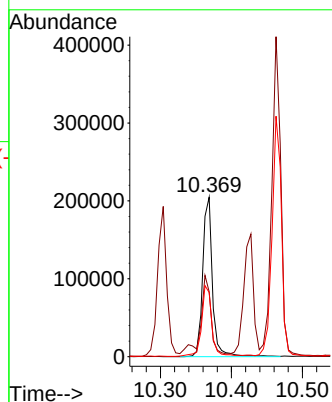
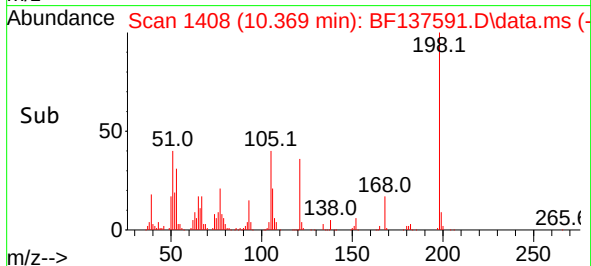
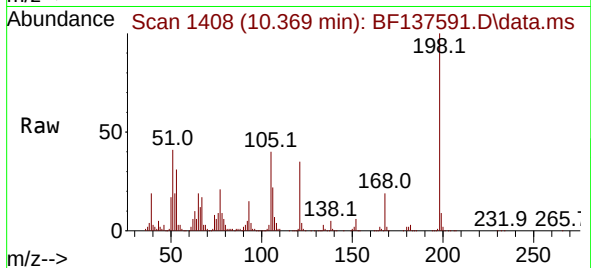
#65
4,6-Dinitro-2-methylphenol
Concen: 50.840 ng
RT: 10.369 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Instrument :
BNA_F
ClientSampleId :
PB159568BS

Tgt Ion:198 Resp: 19673
Ion Ratio Lower Upper
198 100
51 40.7 37.2 77.2
105 40.3 29.2 69.2

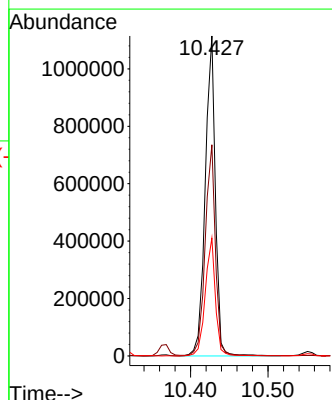
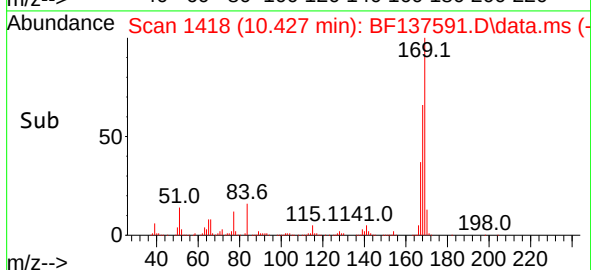
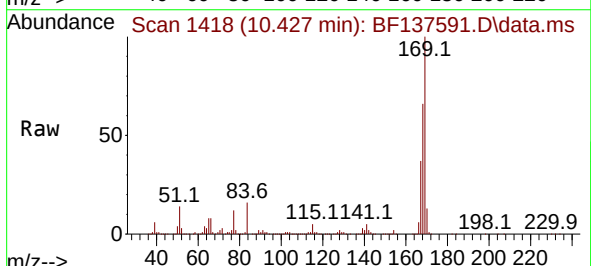
Manual Integrations
APPROVED

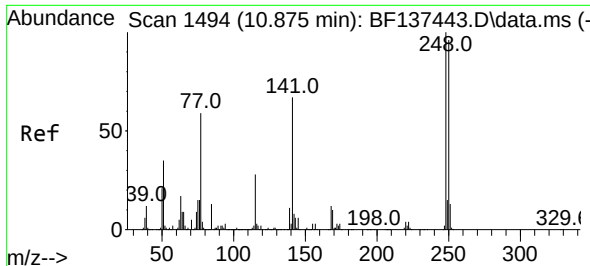
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#66
n-Nitrosodiphenylamine
Concen: 45.368 ng
RT: 10.427 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

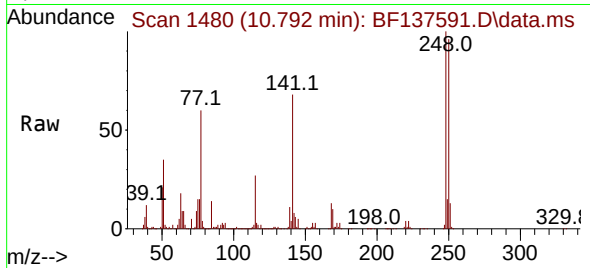
Tgt Ion:169 Resp: 1014281
Ion Ratio Lower Upper
169 100
168 66.0 53.8 80.6
167 36.9 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 46.105 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

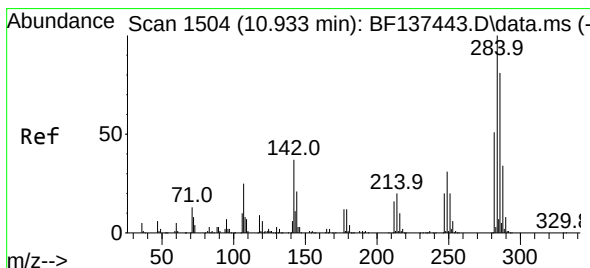
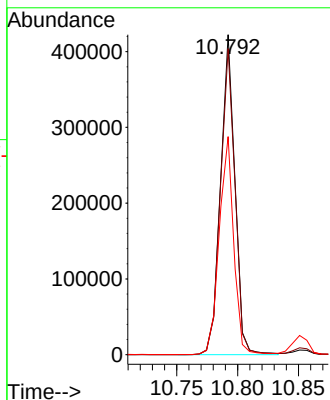
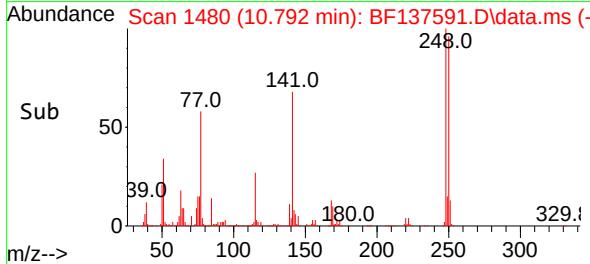
Instrument :
BNA_F
ClientSampleId :
PB159568BS



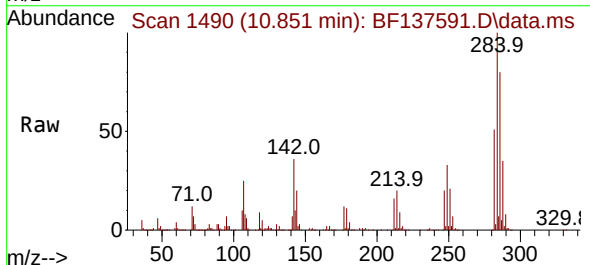
Tgt Ion:248 Resp: 348644
Ion Ratio Lower Upper
248 100
250 95.7 76.8 115.2
141 68.1 53.4 80.0

Manual Integrations
APPROVED

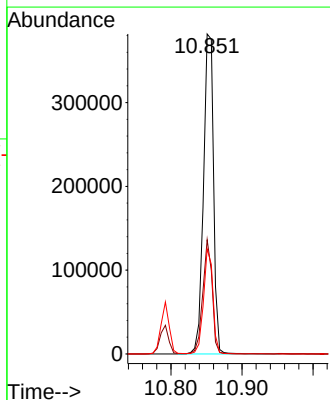
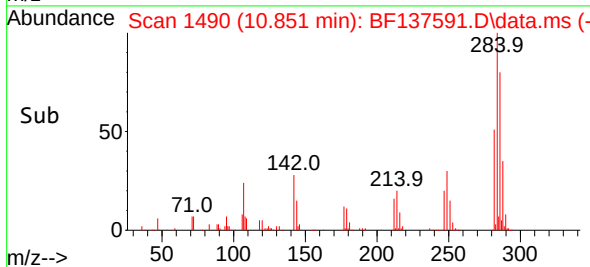
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024

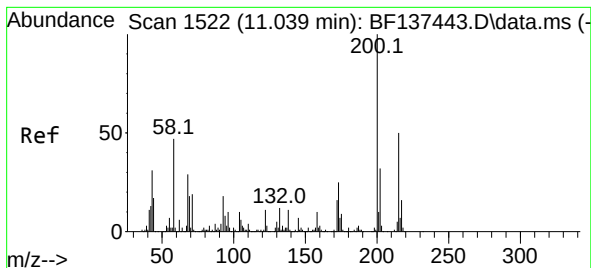


#68
Hexachlorobenzene
Concen: 49.444 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31



Tgt Ion:284 Resp: 377644
Ion Ratio Lower Upper
284 100
142 35.7 29.4 44.0
249 32.9 25.0 37.4





#69

Atrazine

Concen: 41.519 ng

RT: 10.957 min Scan# 1109

Delta R.T. 0.006 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

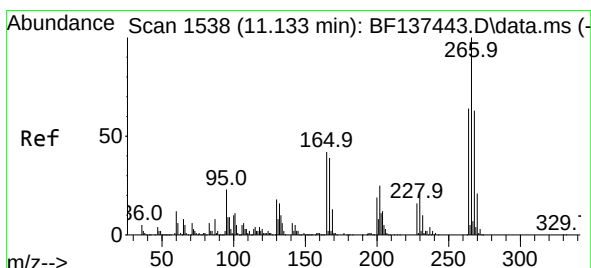
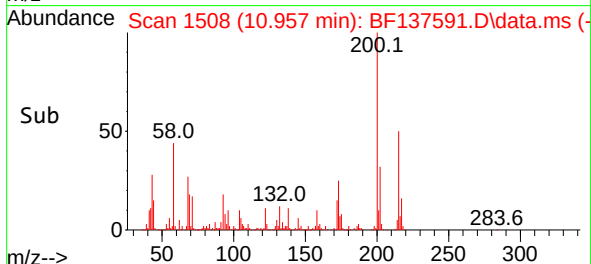
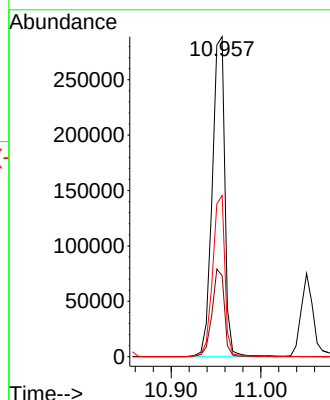
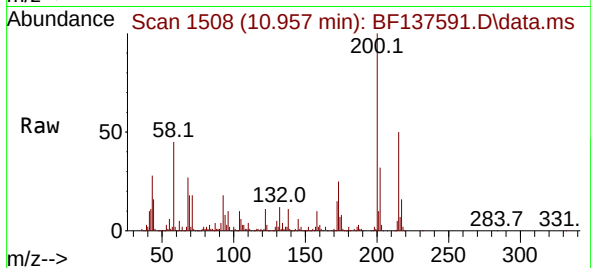
PB159568BS

Tgt Ion:200 Resp: 282180
 Ion Ratio Lower Upper
 200 100
 173 25.4 5.1 45.1
 215 50.4 30.4 70.4

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 85.049 ng

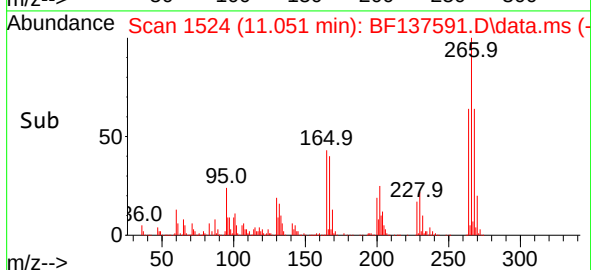
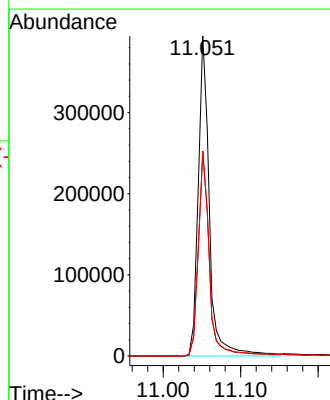
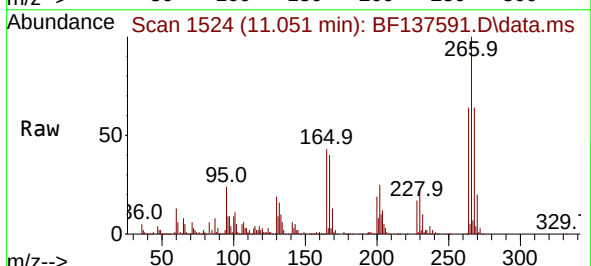
RT: 11.051 min Scan# 1524

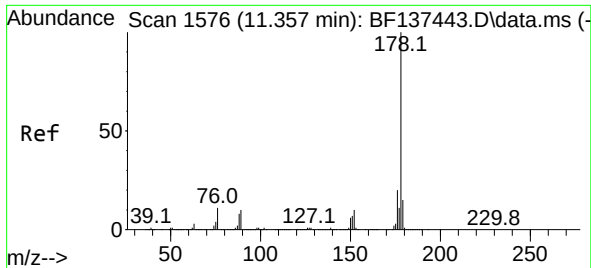
Delta R.T. 0.006 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

Tgt Ion:266 Resp: 392683
 Ion Ratio Lower Upper
 266 100
 268 64.0 50.2 75.2
 264 63.7 50.9 76.3





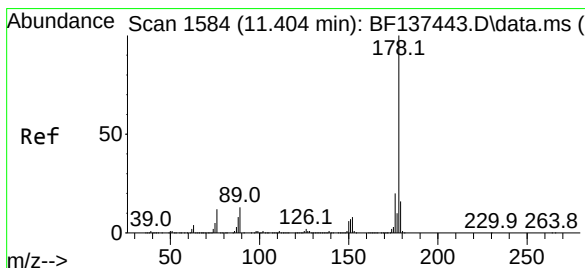
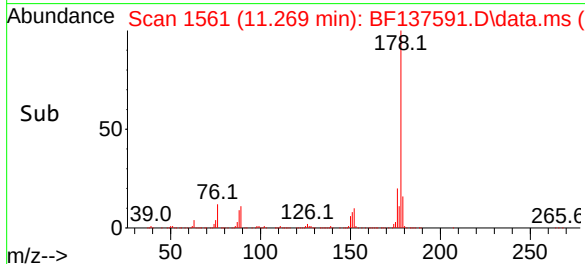
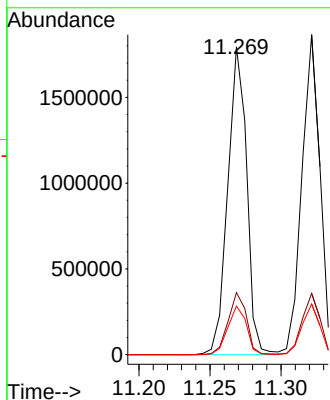
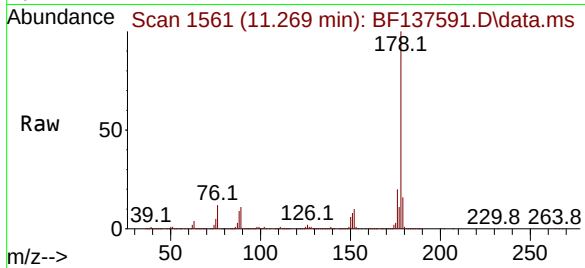
#71
Phenanthrene
Concen: 44.028 ng
RT: 11.269 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Instrument :
BNA_F
ClientSampleId :
PB159568BS

Tgt Ion:178 Resp: 166358
Ion Ratio Lower Upper
178 100
176 20.2 15.8 23.8
179 15.8 12.2 18.2

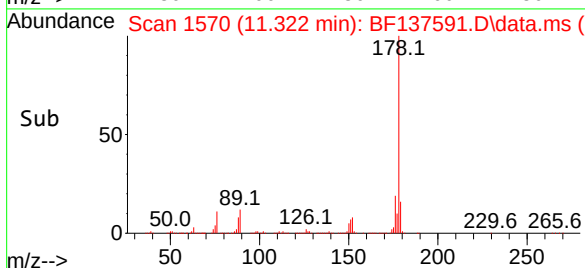
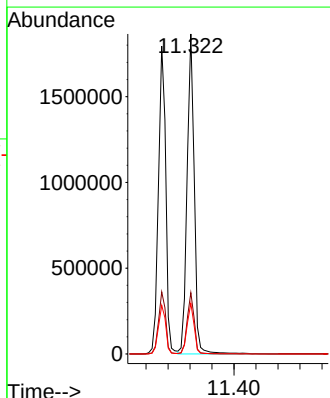
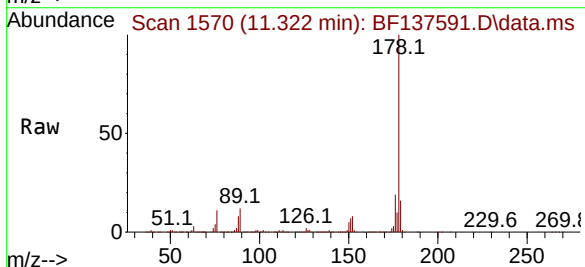
Manual Integrations
APPROVED

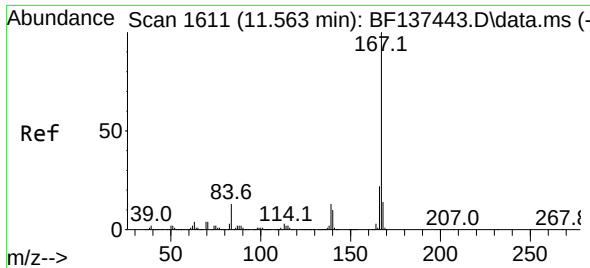
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#72
Anthracene
Concen: 43.684 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

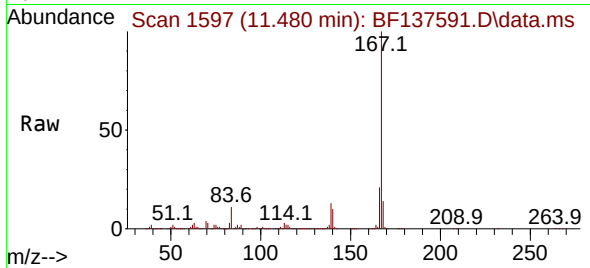
Tgt Ion:178 Resp: 1695226
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.9 12.7 19.1





#73
 Carbazole
 Concen: 45.443 ng
 RT: 11.480 min Scan# 1611
 Delta R.T. 0.006 min
 Lab File: BF137591.D
 Acq: 14 Mar 2024 15:31

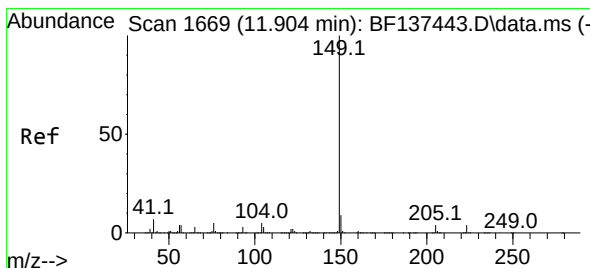
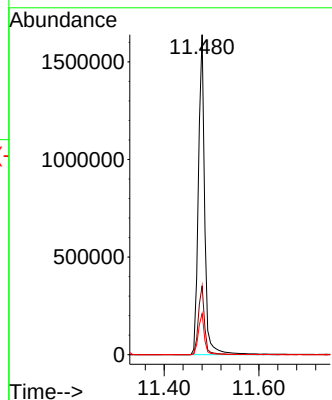
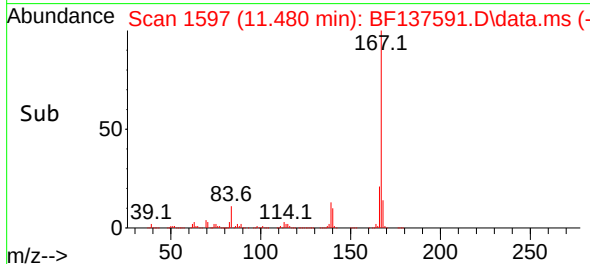
Instrument :
 BNA_F
 ClientSampleId :
 PB159568BS



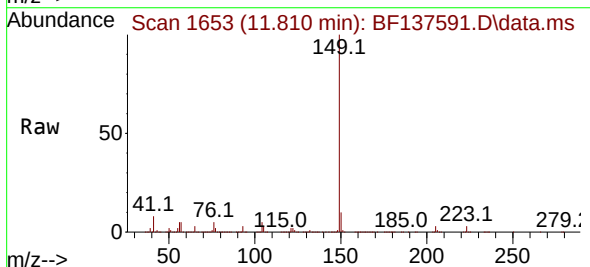
Tgt Ion:167 Resp: 1510550
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.8 26.8
 139 12.8 10.5 15.7

Manual Integrations
 APPROVED

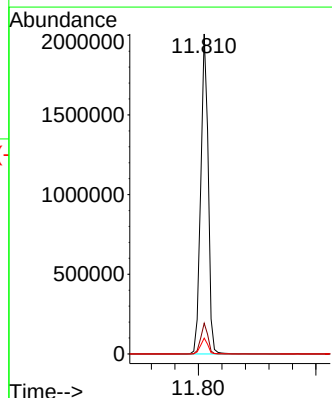
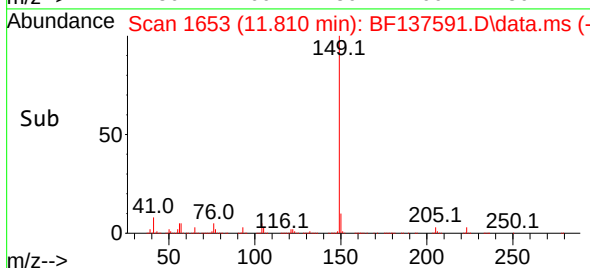
Reviewed By :Jagrut Upadhyay 03/15/2024
 Supervised By :mohammad ahmed 03/16/2024

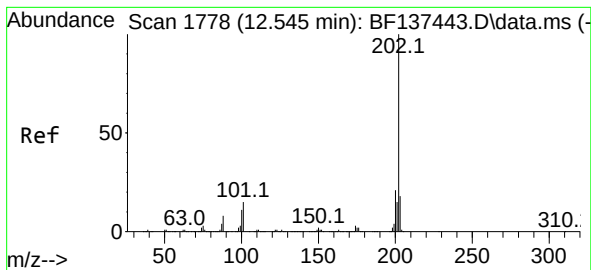


#74
 Di-n-butylphthalate
 Concen: 44.468 ng
 RT: 11.810 min Scan# 1653
 Delta R.T. -0.000 min
 Lab File: BF137591.D
 Acq: 14 Mar 2024 15:31



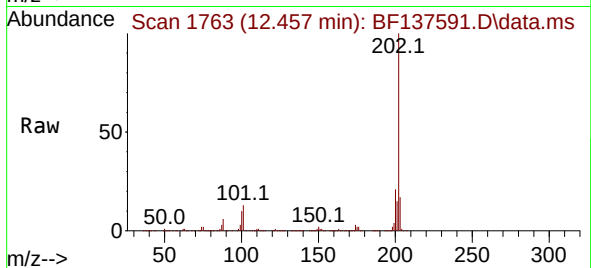
Tgt Ion:149 Resp: 1758669
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.0
 104 4.9 3.8 5.6





#75
Fluoranthene
Concen: 44.242 ng
RT: 12.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

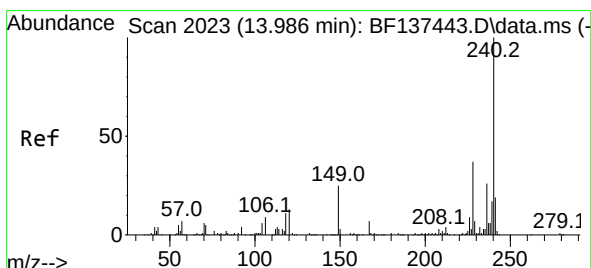
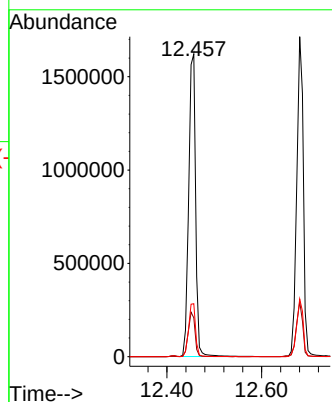
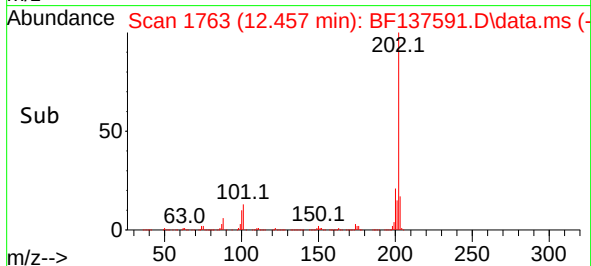
Instrument :
BNA_F
ClientSampleId :
PB159568BS



Tgt Ion:202 Resp: 1633999
Ion Ratio Lower Upper
202 100
101 12.9 0.0 35.0
203 17.5 0.0 37.7

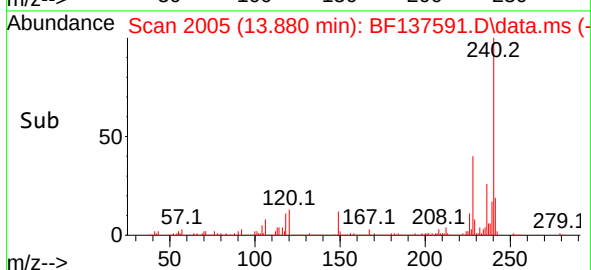
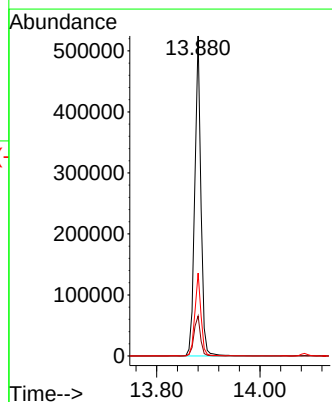
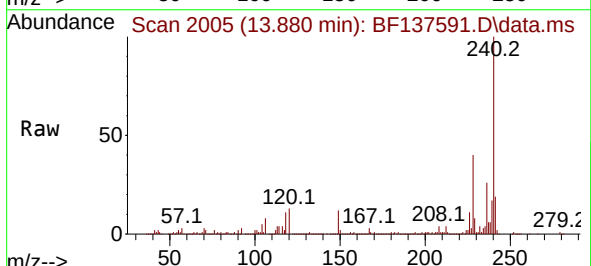
Manual Integrations
APPROVED

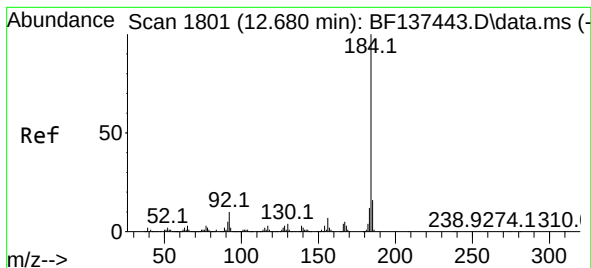
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion:240 Resp: 432380
Ion Ratio Lower Upper
240 100
120 12.5 10.4 15.6
236 25.9 20.9 31.3





#77

Benzidine

Concen: 9.274 ng

RT: 12.586 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

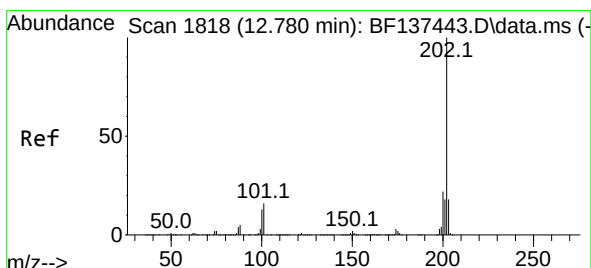
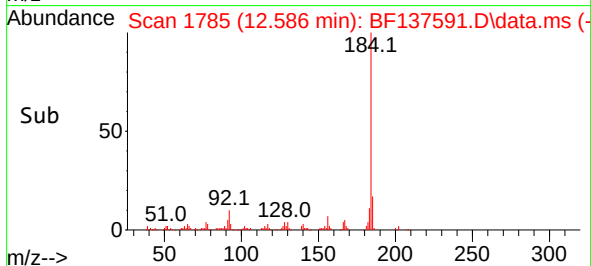
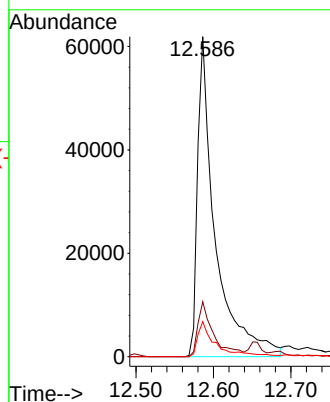
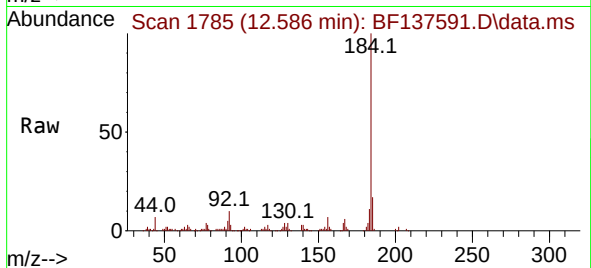
PB159568BS

Tgt Ion:	184	Resp:	98120
Ion Ratio	Lower	Upper	
184	100		
185	17.1	13.2	19.8
183	11.0	9.3	13.9

Manual Integrations

APPROVED

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



#78

Pyrene

Concen: 39.049 ng

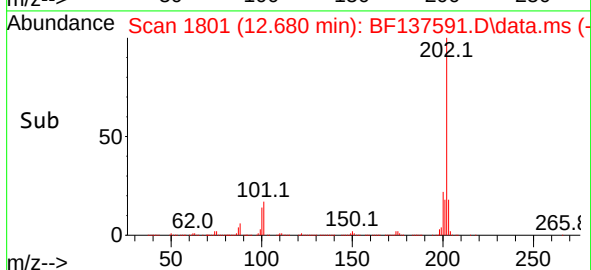
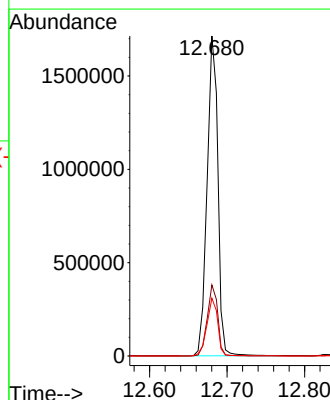
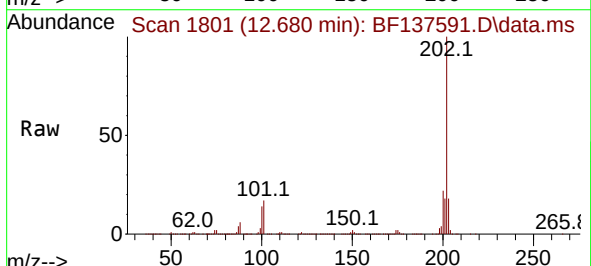
RT: 12.680 min Scan# 1801

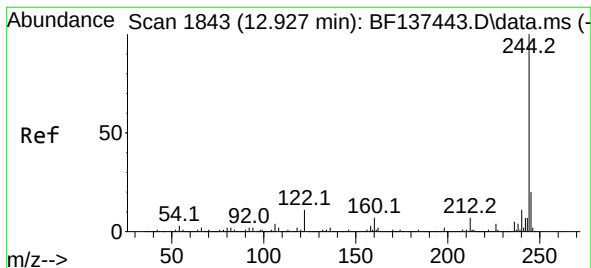
Delta R.T. -0.000 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

Tgt Ion:	202	Resp:	1656684
Ion Ratio	Lower	Upper	
202	100		
200	22.2	17.4	26.2
203	18.1	14.1	21.1





#79

Terphenyl-d14

Concen: 74.804 ng

RT: 12.827 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

PB159568BS

Tgt Ion:244 Resp: 235209

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

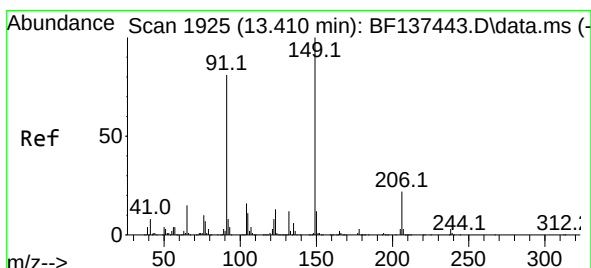
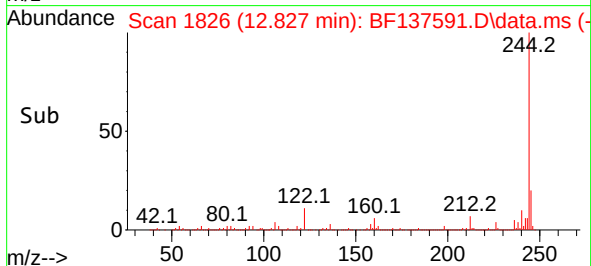
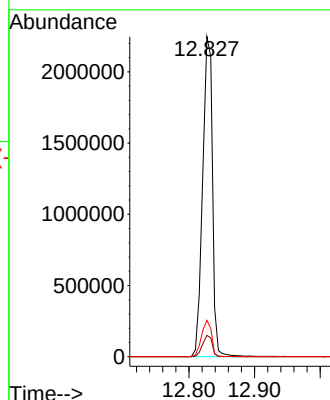
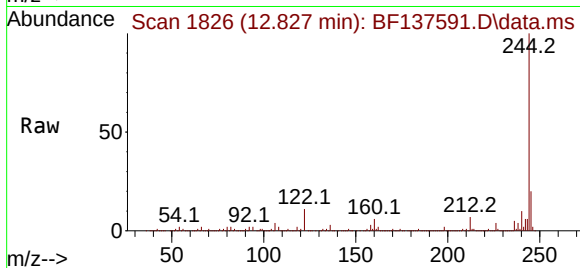
122 11.4 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/15/2024

Supervised By :mohammad ahmed 03/16/2024



#80

Butylbenzylphthalate

Concen: 53.966 ng

RT: 13.304 min Scan# 1907

Delta R.T. -0.000 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

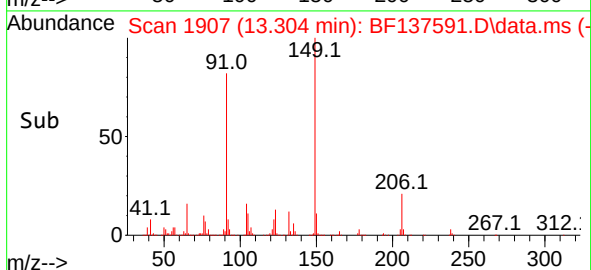
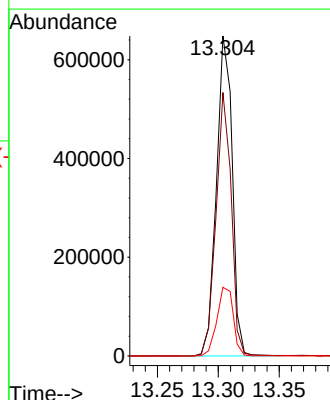
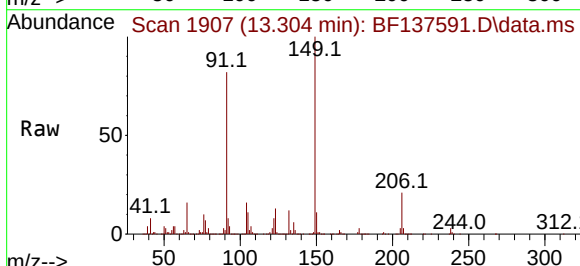
Tgt Ion:149 Resp: 584720

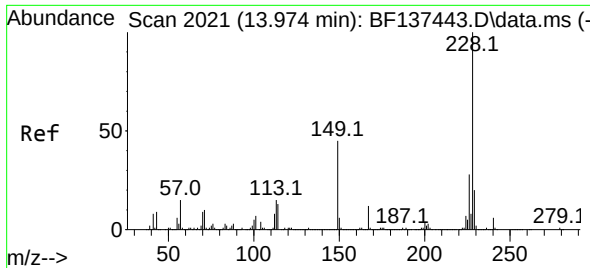
Ion Ratio Lower Upper

149 100

91 82.4 64.7 97.1

206 21.5 17.5 26.3





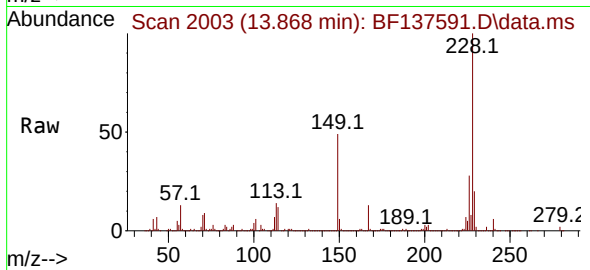
#81
Benzo(a)anthracene
Concen: 43.274 ng
RT: 13.868 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

PB159568BS

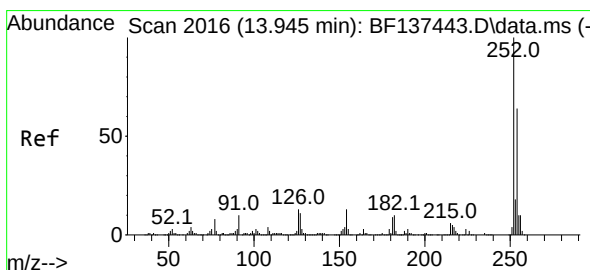
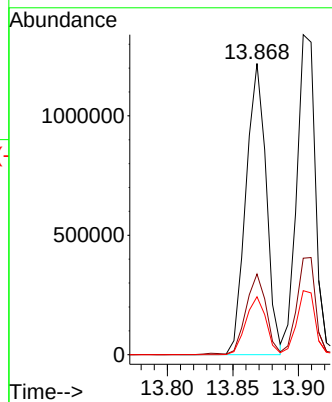
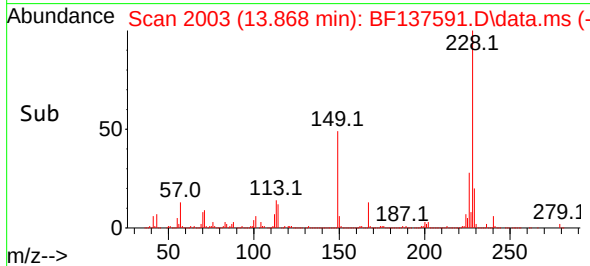


Tgt Ion:228 Resp: 1311419
Ion Ratio Lower Upper
228 100
226 27.7 22.3 33.5
229 19.9 16.3 24.5

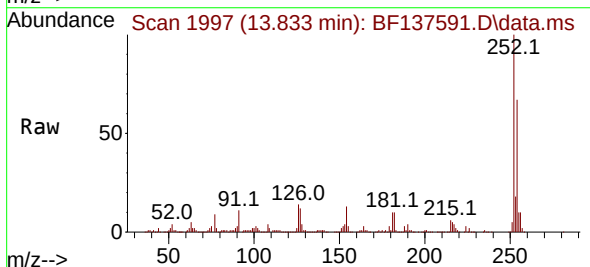
Manual Integrations

APPROVED

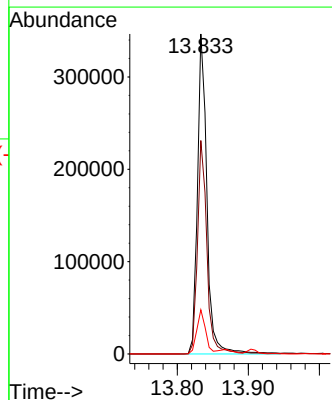
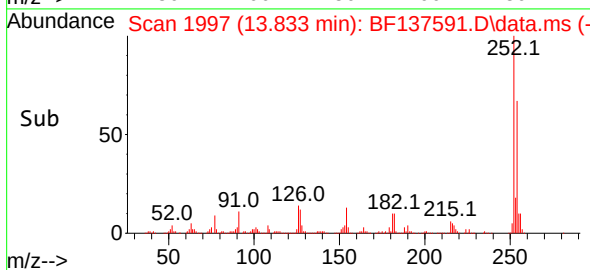
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024

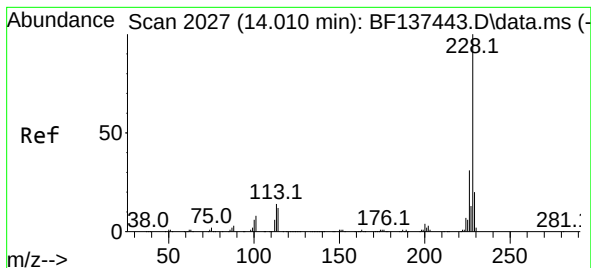


#82
3,3'-Dichlorobenzidine
Concen: 40.024 ng
RT: 13.833 min Scan# 1997
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31



Tgt Ion:252 Resp: 323005
Ion Ratio Lower Upper
252 100
254 66.7 51.4 77.2
126 13.8 10.4 15.6





#83

Chrysene

Concen: 43.998 ng

RT: 13.904 min Scan# 2009

Delta R.T. -0.000 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

PB159568BS

Tgt Ion:228 Resp: 1347608

Ion Ratio Lower Upper

228 100

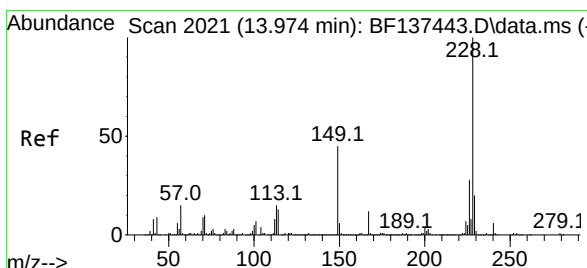
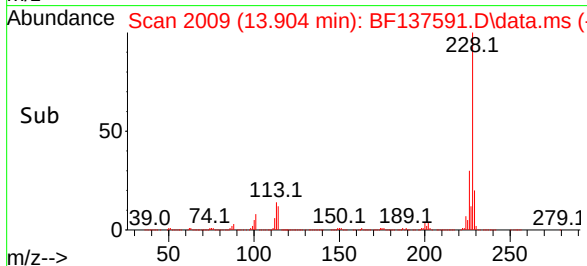
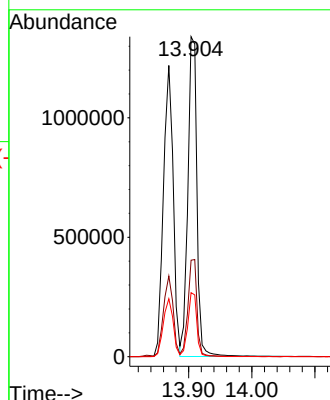
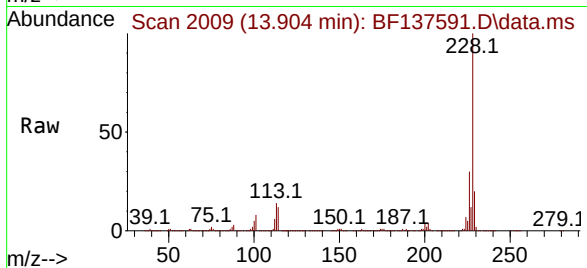
226 30.2 24.7 37.1

229 20.0 15.9 23.9

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.123 ng

RT: 13.863 min Scan# 2002

Delta R.T. -0.000 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

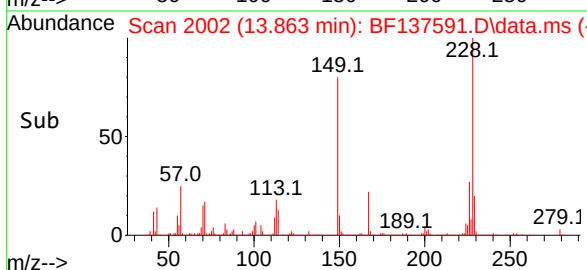
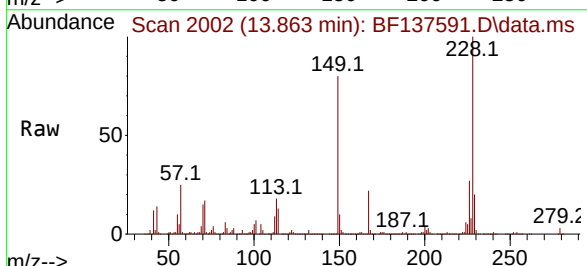
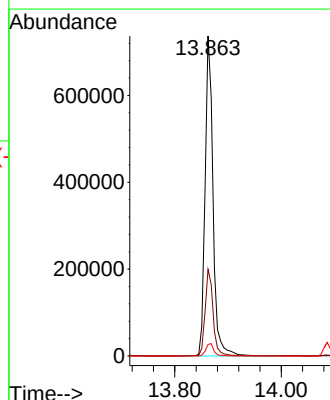
Tgt Ion:149 Resp: 759129

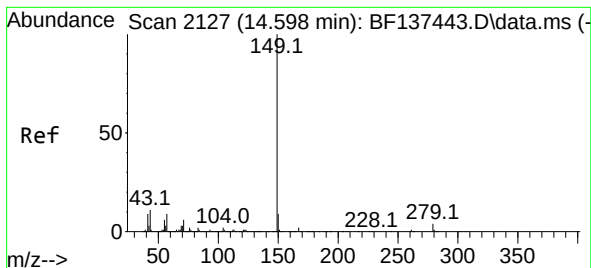
Ion Ratio Lower Upper

149 100

167 27.0 21.3 31.9

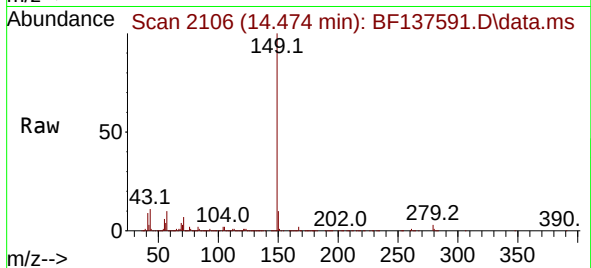
279 3.6 2.6 4.0





#85
Di-n-octyl phthalate
Concen: 50.711 ng
RT: 14.474 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

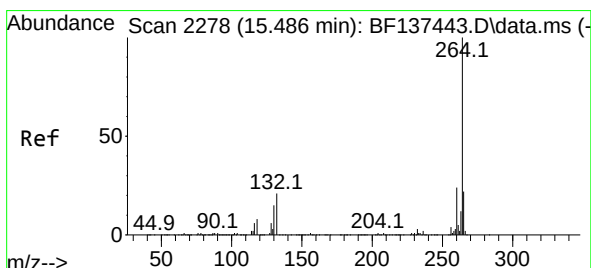
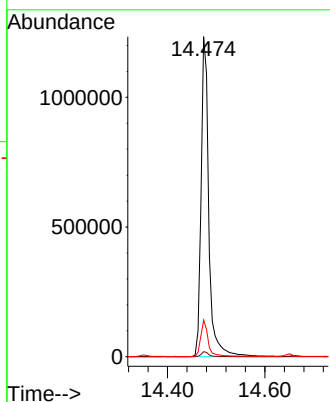
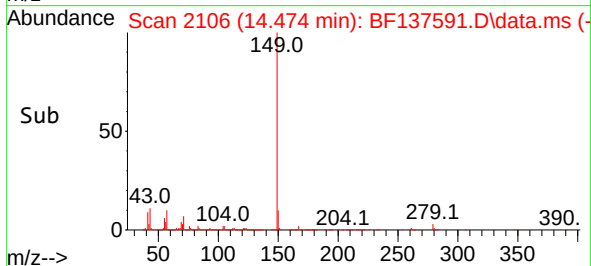
Instrument :
BNA_F
ClientSampleId :
PB159568BS



Tgt Ion:149 Resp: 135546
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.0 9.6 14.4

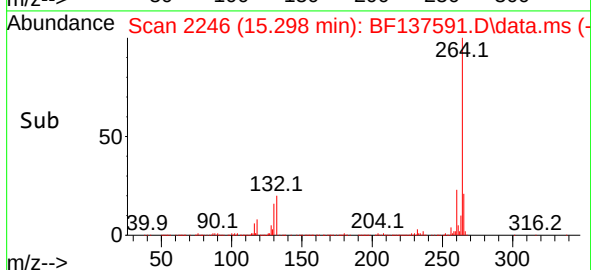
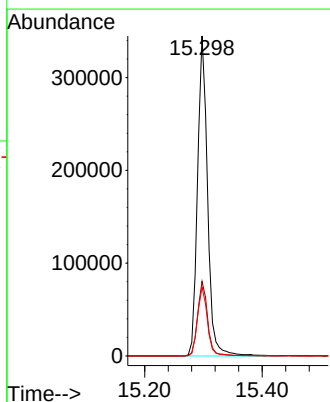
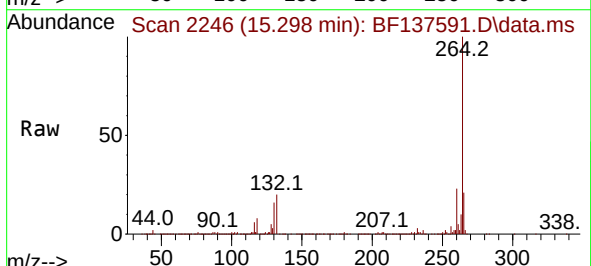
Manual Integrations
APPROVED

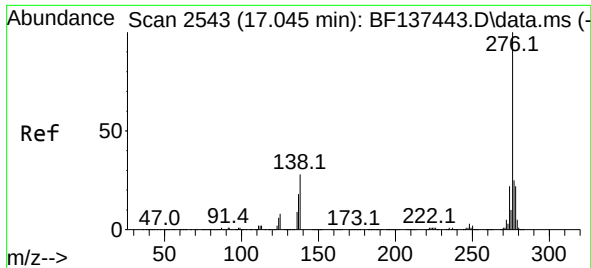
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.298 min Scan# 2246
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

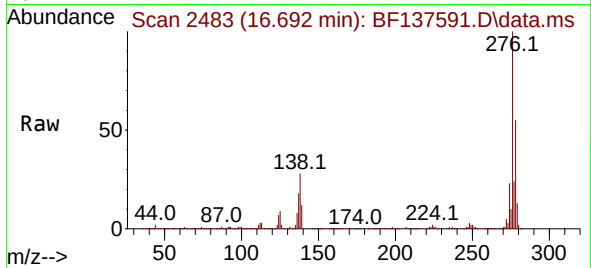
Tgt Ion:264 Resp: 408577
Ion Ratio Lower Upper
264 100
260 23.3 19.3 28.9
265 21.5 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.608 ng
RT: 16.692 min Scan# 2483
Delta R.T. 0.006 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

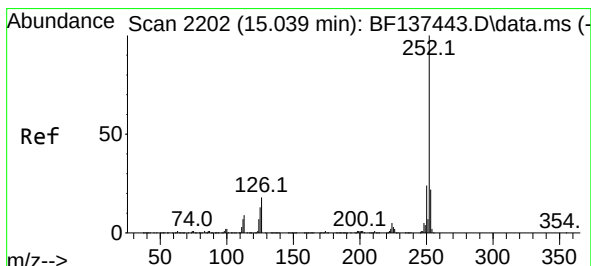
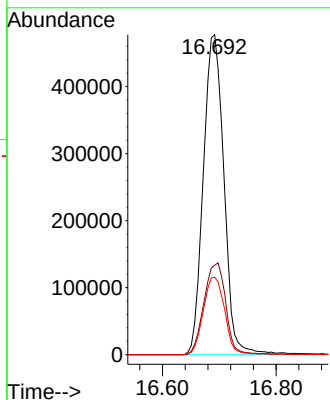
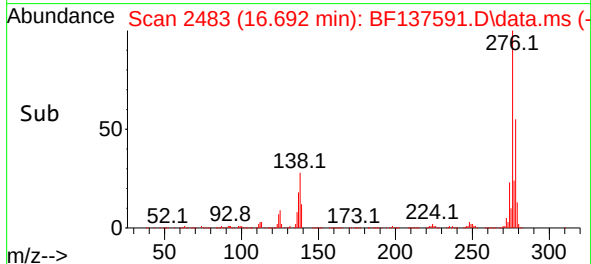
Instrument :
BNA_F
ClientSampleId :
PB159568BS



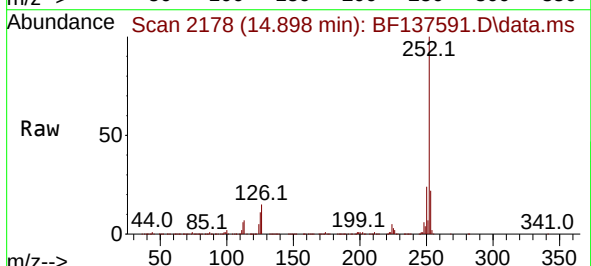
Tgt Ion:276 Resp: 119938
Ion Ratio Lower Upper
276 100
138 30.5 25.8 38.8
277 25.1 20.2 30.2

Manual Integrations
APPROVED

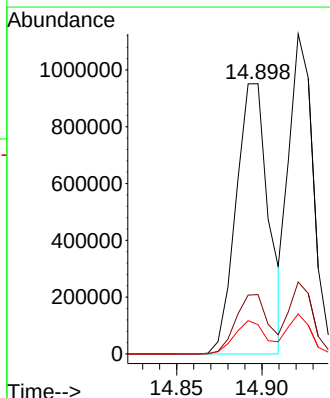
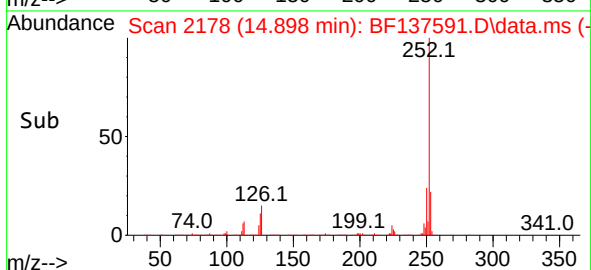
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024

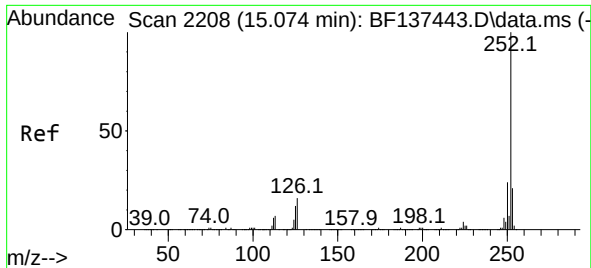


#88
Benzo(b)fluoranthene
Concen: 52.352 ng
RT: 14.898 min Scan# 2178
Delta R.T. 0.006 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31



Tgt Ion:252 Resp: 1265293
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 10.8 10.1 15.1





#89
Benzo(k)fluoranthene
Concen: 44.378 ng
RT: 14.921 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

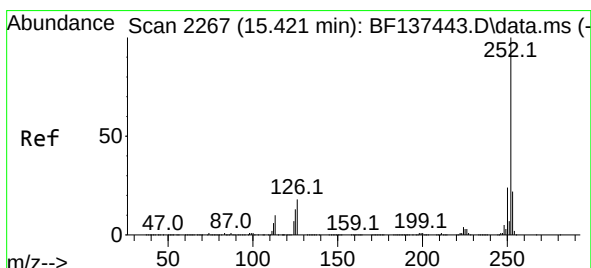
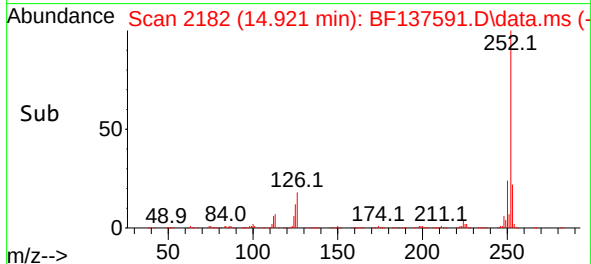
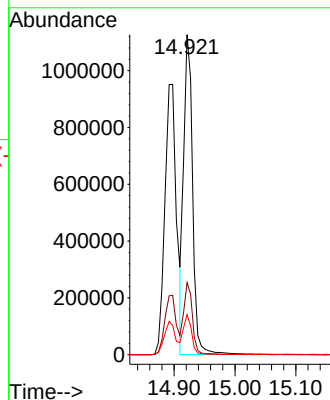
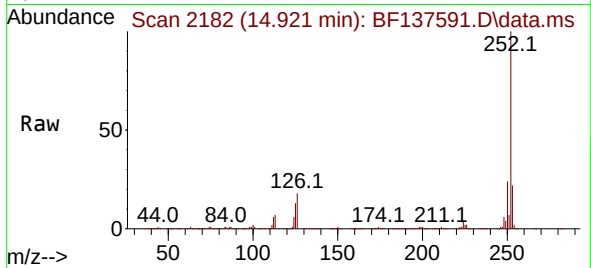
PB159568BS

Tgt Ion:252 Resp: 1152034
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 12.5 9.6 14.4

Manual Integrations

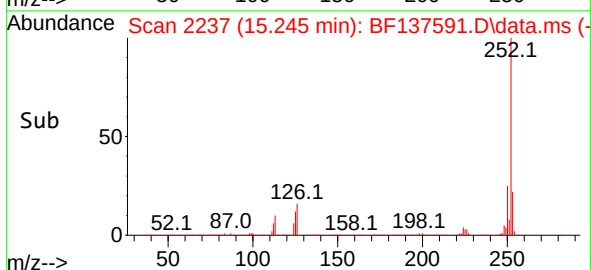
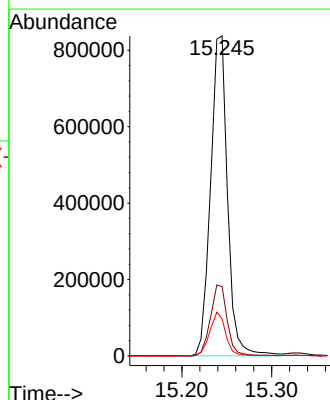
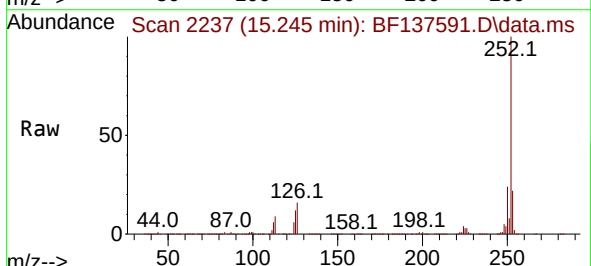
APPROVED

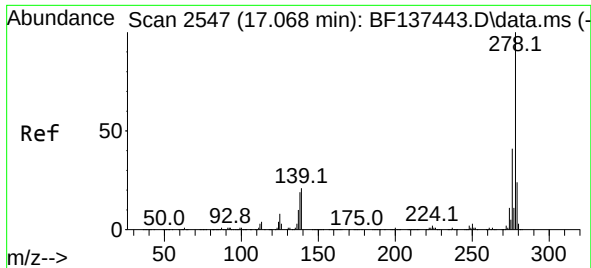
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#90
Benzo(a)pyrene
Concen: 46.172 ng
RT: 15.245 min Scan# 2237
Delta R.T. 0.006 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion:252 Resp: 1099683
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 11.6 10.4 15.6





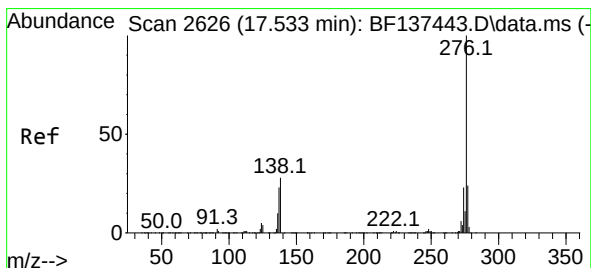
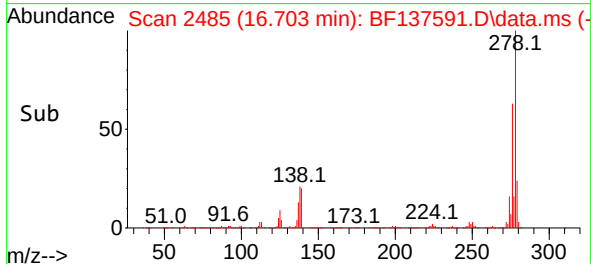
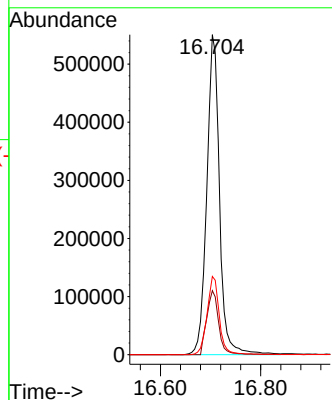
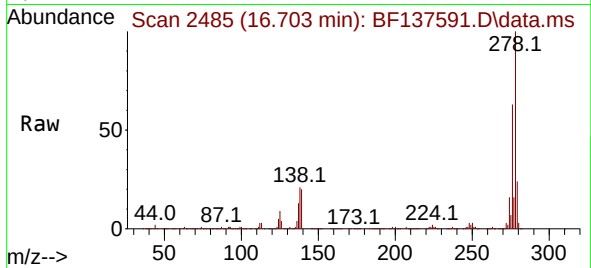
#91
Dibenzo(a,h)anthracene
Concen: 44.565 ng
RT: 16.703 min Scan# 2485
Delta R.T. 0.006 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Instrument :
BNA_F
ClientSampleId :
PB159568BS

Tgt Ion:278 Resp: 972010
Ion Ratio Lower Upper
278 100
139 20.0 17.0 25.6
279 24.4 18.8 28.2

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 43.444 ng
RT: 17.109 min Scan# 2554
Delta R.T. 0.006 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion:276 Resp: 973122
Ion Ratio Lower Upper
276 100
277 24.2 19.0 28.4
138 26.6 22.2 33.2

