

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
 Data File : BF137793.D
 Acq On : 01 May 2024 15:51
 Operator : CG\JU
 Sample : P2306-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4-20240429MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
 Supervised By :mohammad ahmed 05/03/2024

Quant Time: May 01 16:36:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	201206	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	806191	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	452944	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	754478	20.000	ng	0.00
76) Chrysene-d12	14.257	240	389694	20.000	ng	# 0.00
86) Perylene-d12	15.827	264	443643	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	766232	63.760	ng	0.00
7) Phenol-d6	6.663	99	606374	39.781	ng	-0.01
23) Nitrobenzene-d5	7.622	82	1258874	90.721	ng	0.00
42) 2,4,6-Tribromophenol	10.904	330	614217	132.813	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	2462463	88.201	ng	0.00
79) Terphenyl-d14	13.186	244	2398983	103.167	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.005	88	98694	18.238	ng	99
3) Pyridine	3.763	79	233593	17.835	ng	100
4) n-Nitrosodimethylamine	3.716	42	119823	20.317	ng	94
6) Aniline	6.716	93	416369	27.560	ng	99
8) 2-Chlorophenol	6.840	128	498541	38.067	ng	99
9) Benzaldehyde	6.610	77	362864	44.205	ng	99
10) Phenol	6.681	94	219325	14.042	ng	98
11) bis(2-Chloroethyl)ether	6.787	93	538573	44.038	ng	98
12) 1,3-Dichlorobenzene	6.998	146	528720	35.801	ng	98
13) 1,4-Dichlorobenzene	7.075	146	536186	36.183	ng	98
14) 1,2-Dichlorobenzene	7.228	146	528669	37.878	ng	98
15) Benzyl Alcohol	7.192	79	351772	33.371	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.322	45	740123	43.055	ng	98
17) 2-Methylphenol	7.298	107	337355	31.924	ng	98
18) Hexachloroethane	7.575	117	177117	35.355	ng	97
19) n-Nitroso-di-n-propyla...	7.463	70	421489	46.270	ng	98
20) 3+4-Methylphenols	7.445	107	391116	28.131	ng	97
22) Acetophenone	7.463	105	836728	46.148	ng	99
24) Nitrobenzene	7.640	77	625951	43.768	ng	99
25) Isophorone	7.875	82	1150382	45.980	ng	100
26) 2-Nitrophenol	7.957	139	322156	49.743	ng	100
27) 2,4-Dimethylphenol	7.981	122	407500	43.705	ng	97
28) bis(2-Chloroethoxy)met...	8.081	93	696774	45.997	ng	99
29) 2,4-Dichlorophenol	8.192	162	494324	43.863	ng	99
30) 1,2,4-Trichlorobenzene	8.281	180	493625	40.179	ng	99
31) Naphthalene	8.369	128	1678091	41.885	ng	100
32) Benzoic acid	8.045	122	93743	11.654	ng	93
33) 4-Chloroaniline	8.404	127	325226	21.891	ng	99
34) Hexachlorobutadiene	8.475	225	272964	36.189	ng	100
35) Caprolactam	8.775	113	30782m	8.621	ng	
36) 4-Chloro-3-methylphenol	8.875	107	479571	40.806	ng	96
37) 2-Methylnaphthalene	9.057	142	1147810	44.259	ng	100
38) 1-Methylnaphthalene	9.157	142	1072521	42.036	ng	100
40) 1,2,4,5-Tetrachloroben...	9.222	216	547608	45.647	ng	99
41) Hexachlorocyclopentadiene	9.210	237	563731	115.692	ng	98
43) 2,4,6-Trichlorophenol	9.328	196	389556	47.704	ng	99

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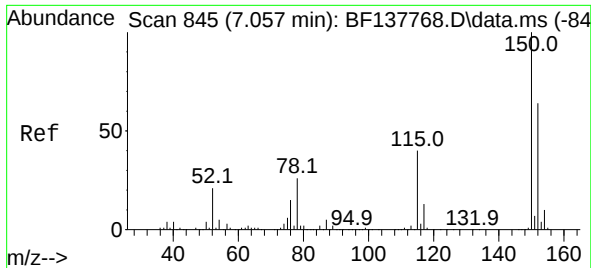
Manual Integrations
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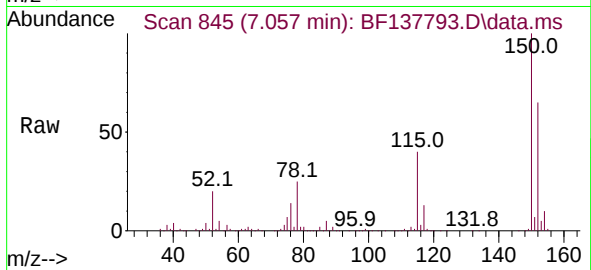
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.369	196	410940	45.574	ng	98
46) 1,1'-Biphenyl	9.522	154	1464894	47.126	ng	99
47) 2-Chloronaphthalene	9.551	162	1129711	45.015	ng	99
48) 2-Nitroaniline	9.639	65	331499	48.705	ng	99
49) Acenaphthylene	9.969	152	1787862	49.248	ng	100
50) Dimethylphthalate	9.822	163	1372628	48.004	ng	99
51) 2,6-Dinitrotoluene	9.881	165	307877	47.115	ng	99
52) Acenaphthene	10.139	154	1191864	49.530	ng	99
53) 3-Nitroaniline	10.051	138	165452	24.178	ng	94
54) 2,4-Dinitrophenol	10.157	184	317038	98.740	ng	# 91
55) Dibenzofuran	10.316	168	1631358	46.586	ng	98
56) 4-Nitrophenol	10.198	139	151177	26.655	ng	98
57) 2,4-Dinitrotoluene	10.286	165	410940	48.136	ng	99
58) Fluorene	10.657	166	1268301	45.509	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.428	232	342176	46.742	ng	99
60) Diethylphthalate	10.522	149	1276533	47.006	ng	99
61) 4-Chlorophenyl-phenyle...	10.645	204	626162	45.599	ng	100
62) 4-Nitroaniline	10.675	138	248060	35.738	ng	99
63) Azobenzene	10.810	77	1211484	46.157	ng	95
65) 4,6-Dinitro-2-methylph...	10.698	198	228980	52.877	ng	88
66) n-Nitrosodiphenylamine	10.763	169	1100116	48.711	ng	100
67) 4-Bromophenyl-phenylether	11.139	248	392419	48.599	ng	100
68) Hexachlorobenzene	11.204	284	421924	47.816	ng	99
69) Atrazine	11.286	200	354374	51.461	ng	97
70) Pentachlorophenol	11.398	266	520176	85.866	ng	100
71) Phenanthrene	11.627	178	1742618	47.387	ng	100
72) Anthracene	11.680	178	1774903	48.508	ng	99
73) Carbazole	11.833	167	1524458	43.230	ng	99
74) Di-n-butylphthalate	12.151	149	1807122	46.978	ng	100
75) Fluoranthene	12.822	202	1631841	40.594	ng	99
77) Benzidine	12.933	184	198290	22.001	ng	98
78) Pyrene	13.057	202	1637634	53.001	ng	99
80) Butylbenzylphthalate	13.657	149	570078	58.151	ng	99
81) Benzo(a)anthracene	14.245	228	1232746	49.459	ng	99
82) 3,3'-Dichlorobenzidine	14.198	252	233956	31.355	ng	99
83) Chrysene	14.280	228	1152114	49.367	ng	100
84) Bis(2-ethylhexyl)phtha...	14.210	149	757686	61.326	ng	99
85) Di-n-octyl phthalate	14.839	149	1203349	72.371	ng	99
87) Indeno(1,2,3-cd)pyrene	17.474	276	1332870	52.845	ng	99
88) Benzo(b)fluoranthene	15.351	252	1202882	43.579	ng	99
89) Benzo(k)fluoranthene	15.386	252	1168897	43.814	ng	99
90) Benzo(a)pyrene	15.762	252	1130049	50.183	ng	99
91) Dibenzo(a,h)anthracene	17.492	278	1050615	51.174	ng	98
92) Benzo(g,h,i)perylene	17.980	276	1033600	48.025	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

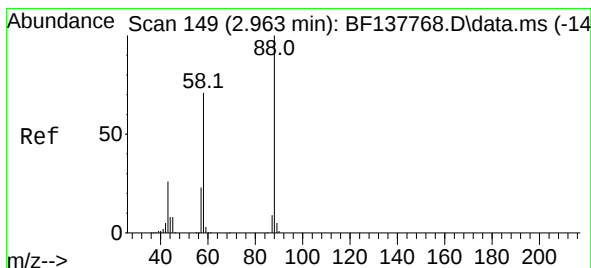
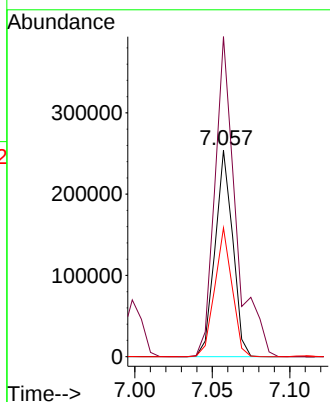
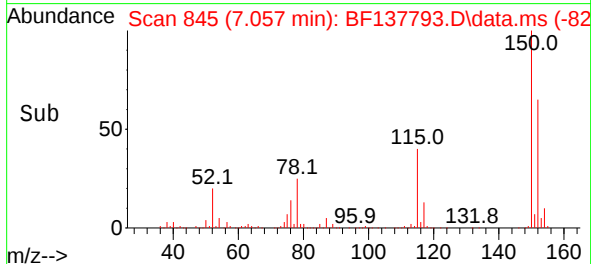
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MSD



Tgt Ion:152 Resp: 201200
Ion Ratio Lower Upper
152 100
150 155.0 124.1 186.1
115 62.4 49.1 73.7

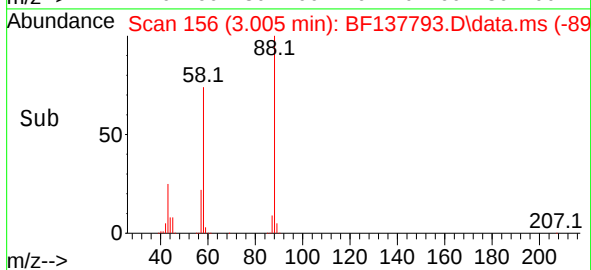
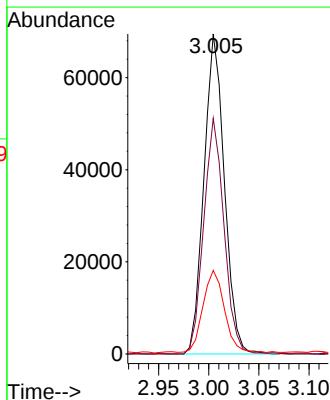
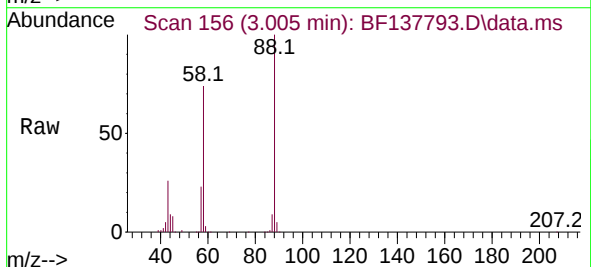
Manual Integrations
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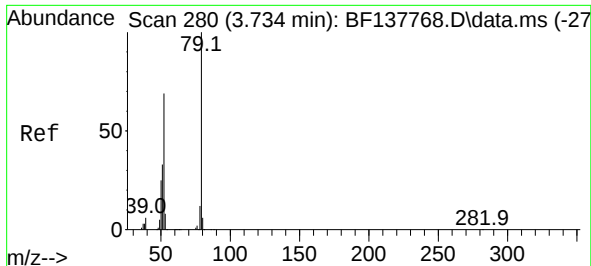
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#2
1,4-Dioxane
Concen: 18.238 ng
RT: 3.005 min Scan# 156
Delta R.T. 0.041 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

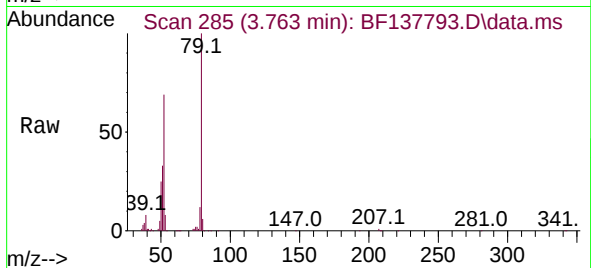
Tgt Ion: 88 Resp: 98694
Ion Ratio Lower Upper
88 100
58 73.3 58.8 88.2
43 27.8 21.4 32.0





#3
Pyridine
Concen: 17.835 ng
RT: 3.763 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

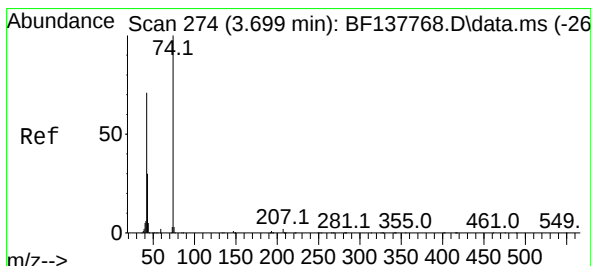
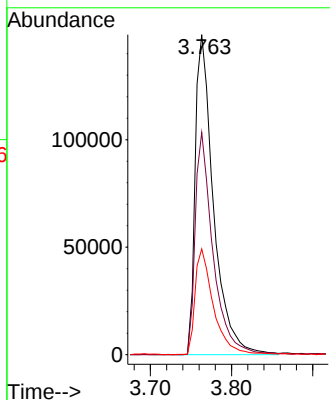
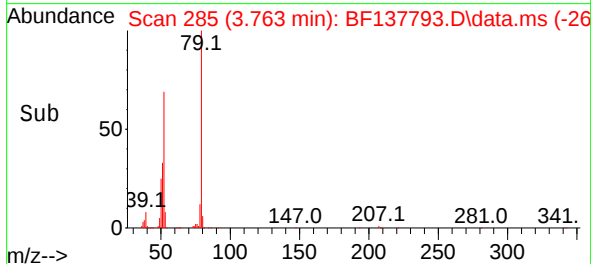
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MSD



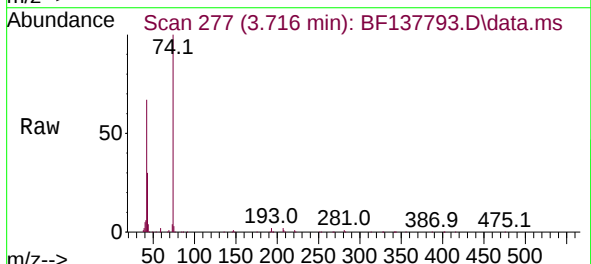
Tgt Ion: 79 Resp: 23359
Ion Ratio Lower Upper
79 100
52 69.5 55.5 83.3
51 33.1 26.9 40.3

Manual Integrations
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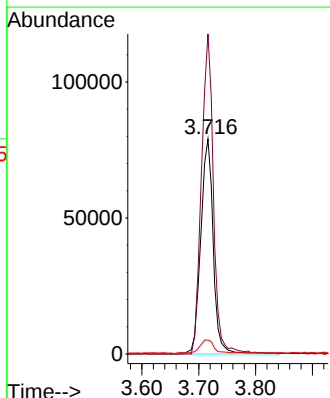
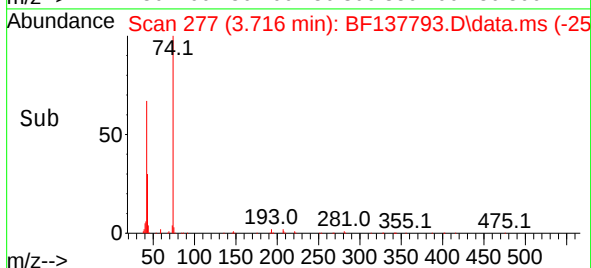
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Supervised By :mohammad ahmed 05/03/2024

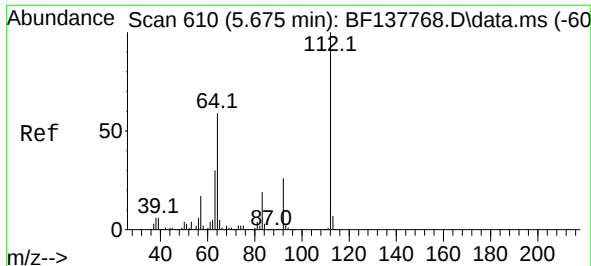


#4
n-Nitrosodimethylamine
Concen: 20.317 ng
RT: 3.716 min Scan# 277
Delta R.T. 0.018 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51



Tgt Ion: 42 Resp: 119823
Ion Ratio Lower Upper
42 100
74 148.9 112.9 169.3
44 6.5 5.6 8.4





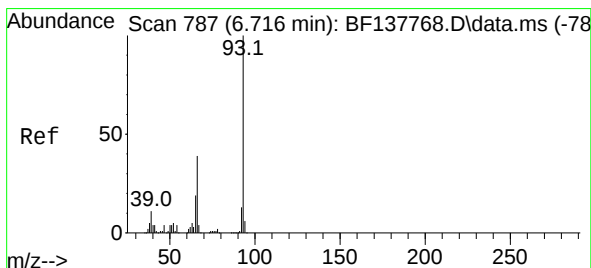
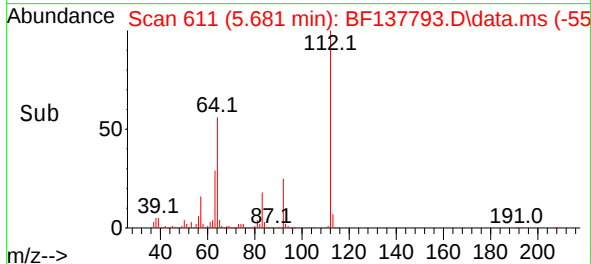
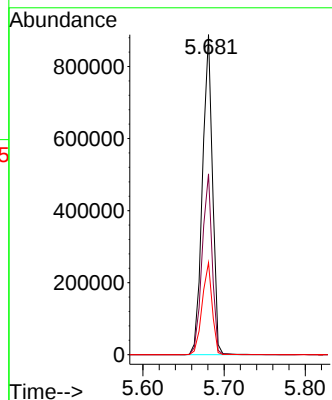
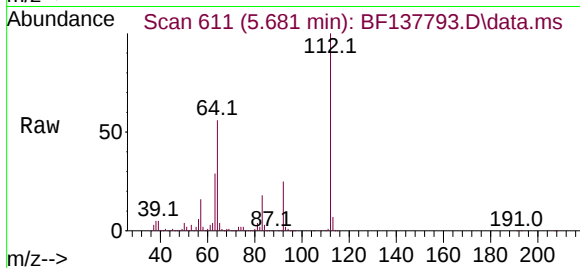
#5
2-Fluorophenol
Concen: 63.760 ng
RT: 5.681 min Scan# 610
Delta R.T. 0.006 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

Instrument :
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ClientSampleId :
MW-4-20240429MSD

Tgt Ion:112 Resp: 76623
Ion Ratio Lower Upper
112 100
64 56.5 47.3 70.9
63 28.7 23.7 35.5

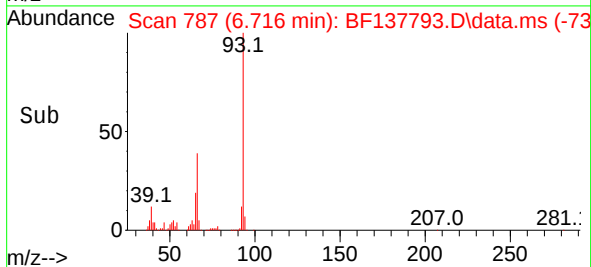
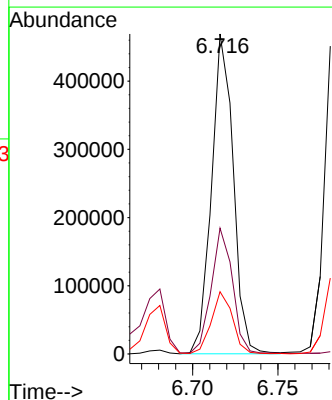
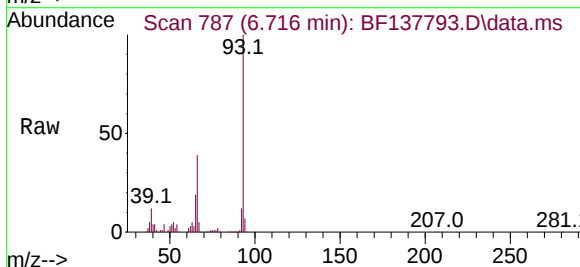
Manual Integrations
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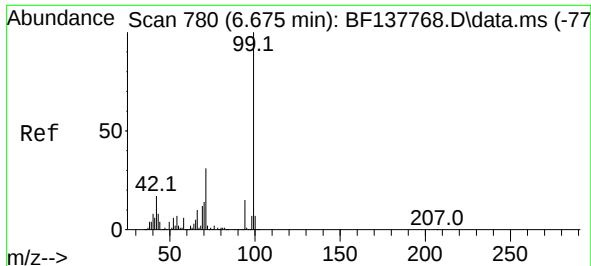
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#6
Aniline
Concen: 27.560 ng
RT: 6.716 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

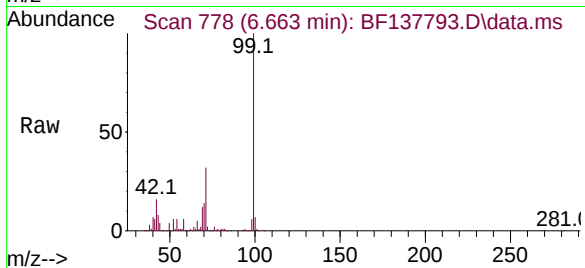
Tgt Ion: 93 Resp: 416369
Ion Ratio Lower Upper
93 100
66 39.3 31.8 47.6
65 19.5 15.4 23.2





#7
Phenol-d6
Concen: 39.781 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

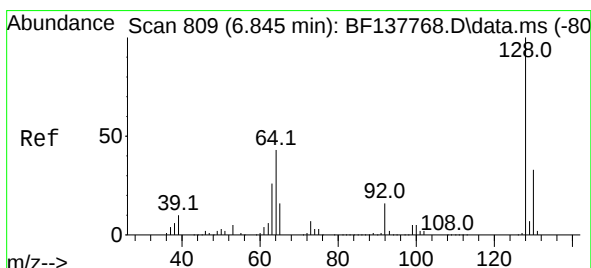
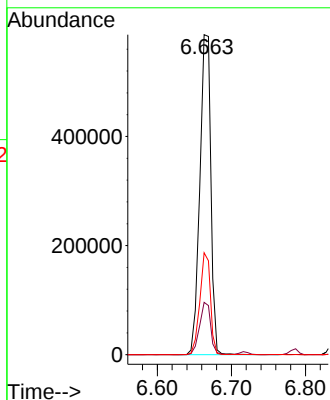
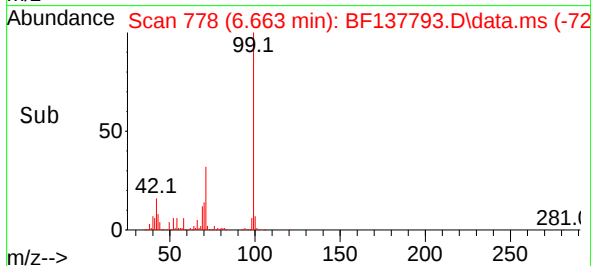
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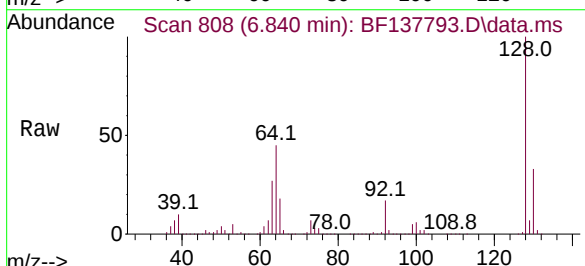
Tgt Ion: 99 Resp: 606374
Ion Ratio Lower Upper
99 100
42 16.3 13.2 19.8
71 31.8 25.0 37.4

Manual Integrations
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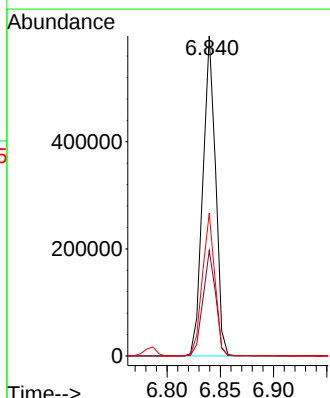
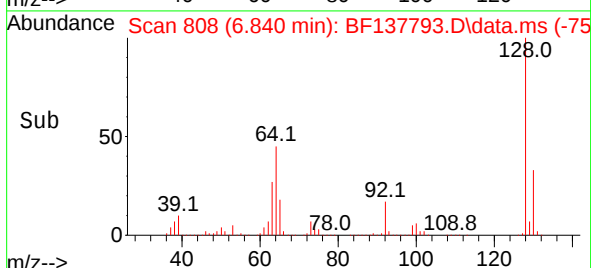
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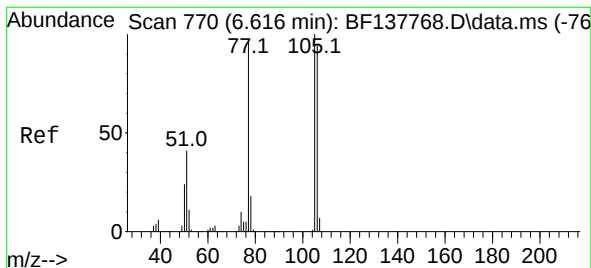


#8
2-Chlorophenol
Concen: 38.067 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51



Tgt Ion:128 Resp: 498541
Ion Ratio Lower Upper
128 100
130 32.9 12.5 52.5
64 44.6 23.9 63.9





#9

Benzaldehyde

Concen: 44.205 ng

RT: 6.610 min Scan# 770

Delta R.T. -0.006 min

Lab File: BF137793.D

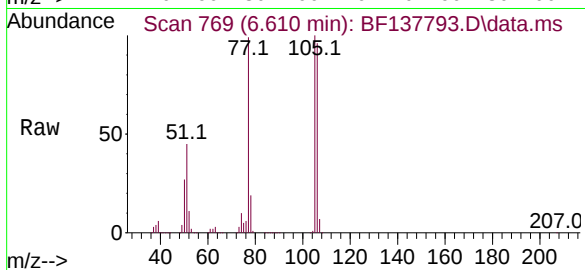
Acq: 01 May 2024 15:51

Instrument :

BNA_F

ClientSampleId :

MW-4-20240429MSD



Tgt Ion: 77 Resp: 362864

Ion Ratio Lower Upper

77 100

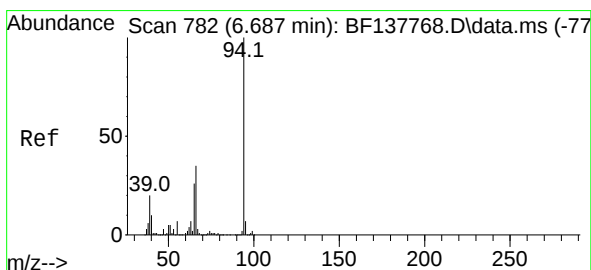
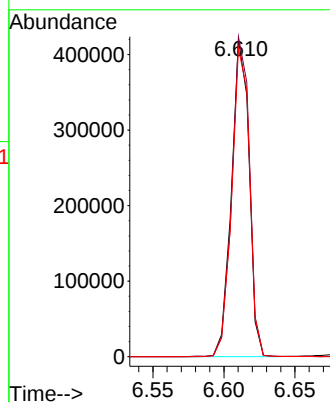
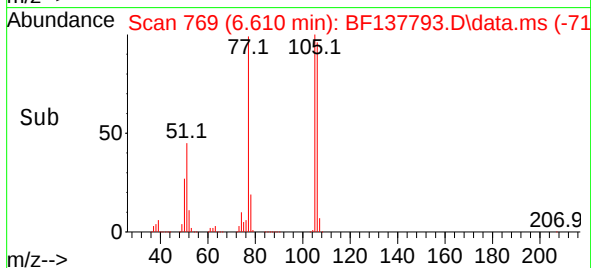
105 100.9 83.2 123.2

106 97.3 77.7 117.7

Manual Integrations

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Supervised By :mohammad ahmed 05/03/2024



#10

Phenol

Concen: 14.042 ng

RT: 6.681 min Scan# 781

Delta R.T. -0.006 min

Lab File: BF137793.D

Acq: 01 May 2024 15:51

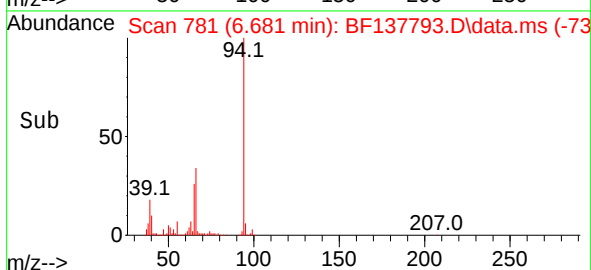
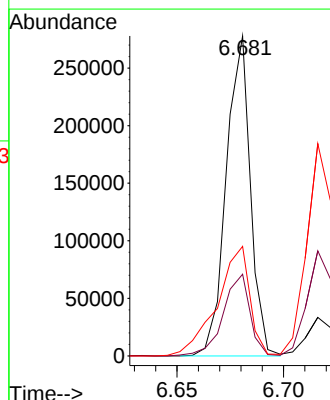
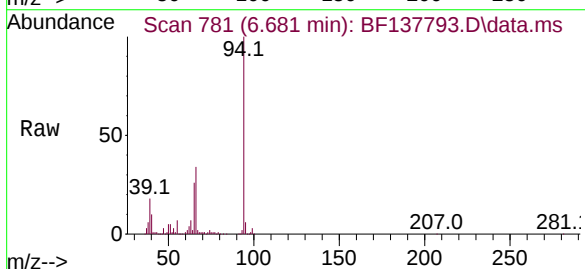
Tgt Ion: 94 Resp: 219325

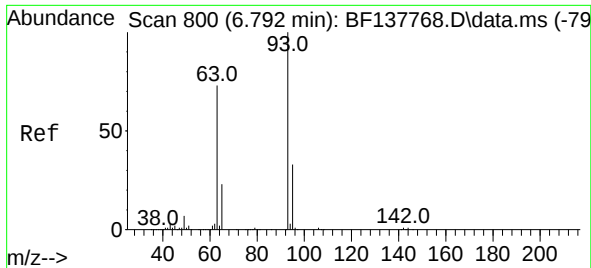
Ion Ratio Lower Upper

94 100

65 25.6 6.4 46.4

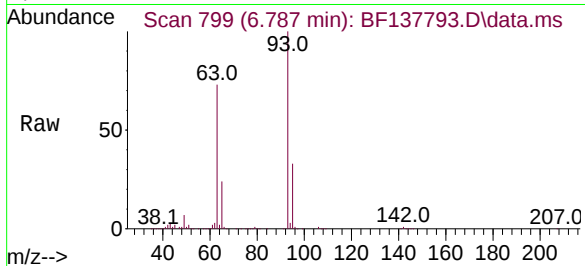
66 34.2 15.4 55.4





#11
bis(2-Chloroethyl)ether
Concen: 44.038 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

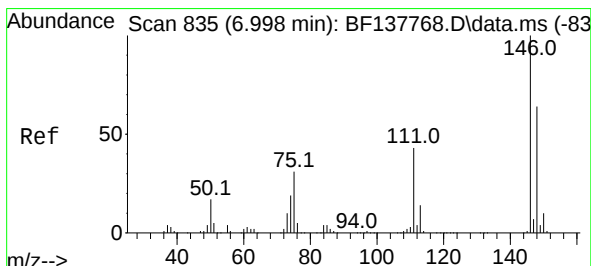
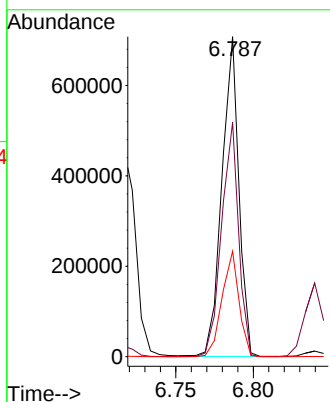
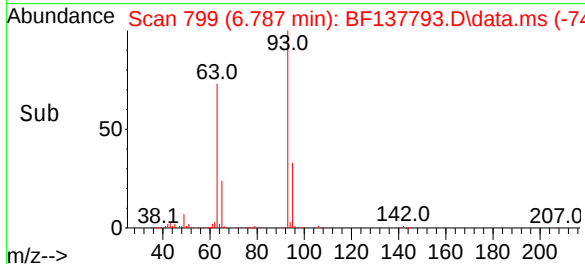
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MSD



Tgt Ion: 93 Resp: 53857
Ion Ratio Lower Upper
93 100
63 73.3 51.6 91.6
95 33.0 12.1 52.1

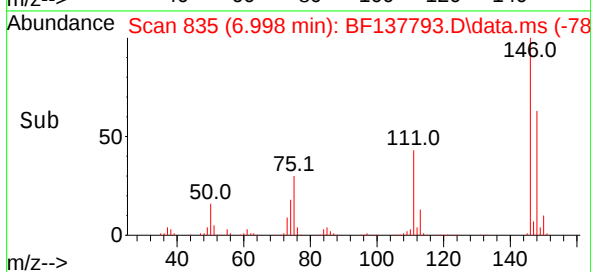
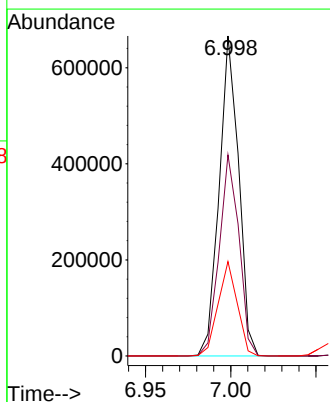
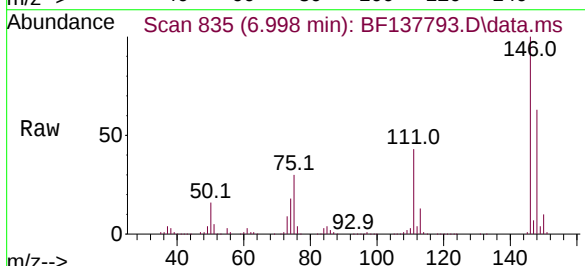
Manual Integrations
APPROVED

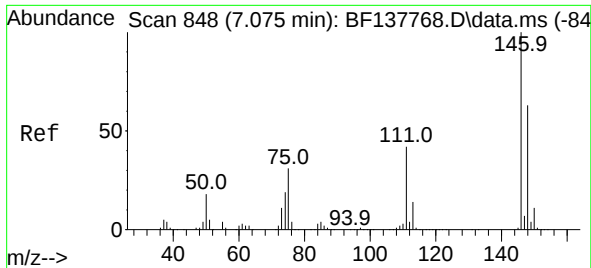
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#12
1,3-Dichlorobenzene
Concen: 35.801 ng
RT: 6.998 min Scan# 835
Delta R.T. 0.000 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

Tgt Ion:146 Resp: 528720
Ion Ratio Lower Upper
146 100
148 62.9 51.2 76.8
75 29.5 25.1 37.7





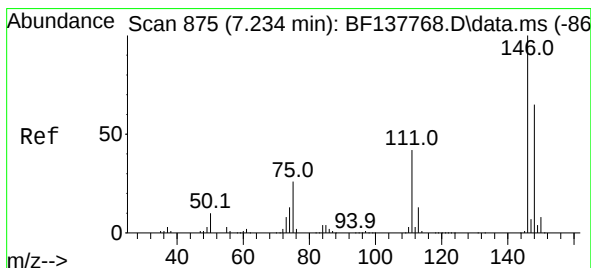
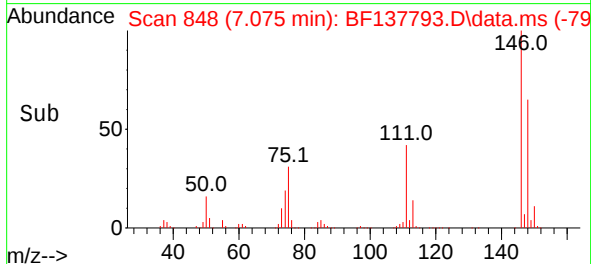
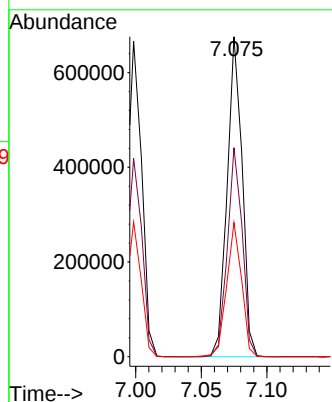
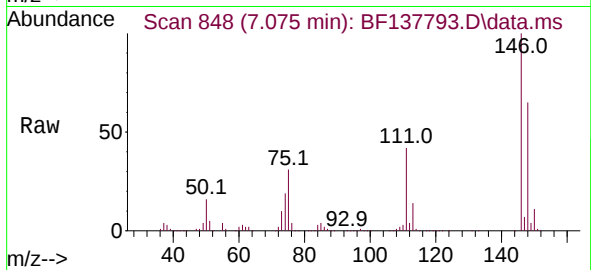
#13
1,4-Dichlorobenzene
Concen: 36.183 ng
RT: 7.075 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MSD

Tgt Ion:146 Resp: 536180
Ion Ratio Lower Upper
146 100
148 65.3 50.7 76.1
111 41.9 33.8 50.8

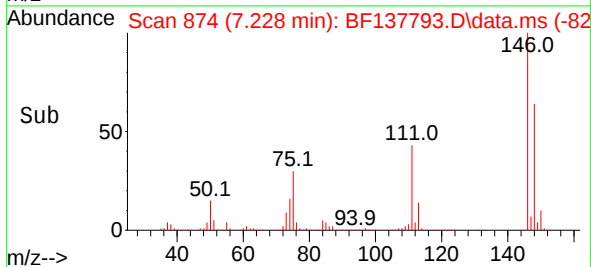
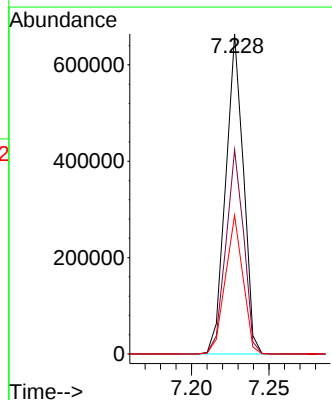
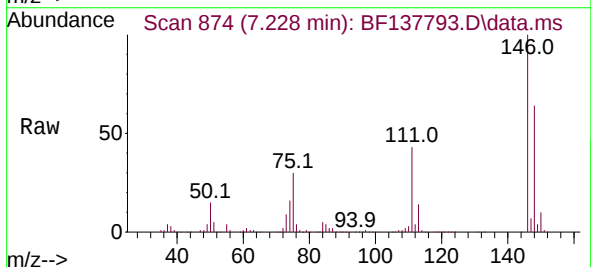
Manual Integrations
APPROVED

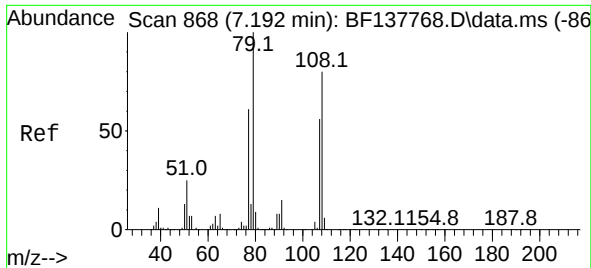
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#14
1,2-Dichlorobenzene
Concen: 37.878 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

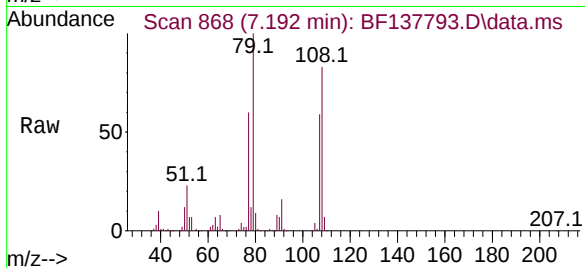
Tgt Ion:146 Resp: 528669
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.8
111 43.4 33.6 50.4





#15
Benzyl Alcohol
Concen: 33.371 ng
RT: 7.192 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

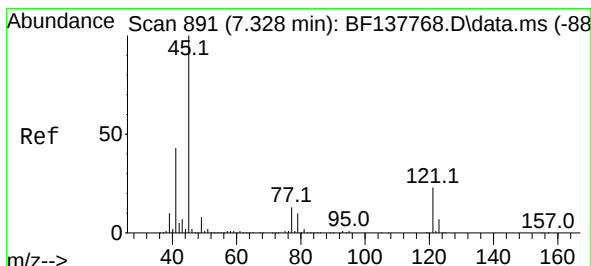
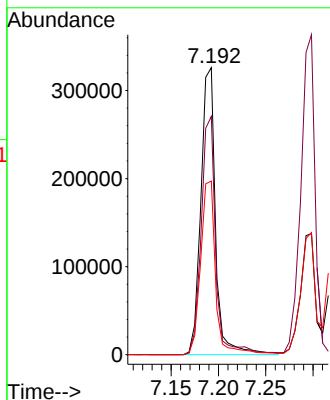
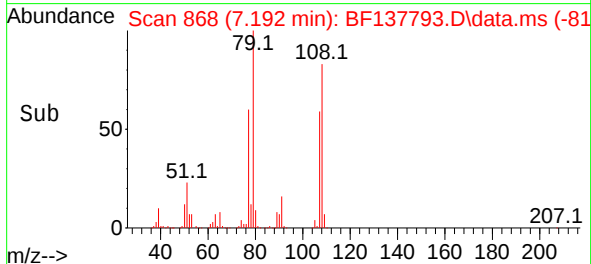
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MSD



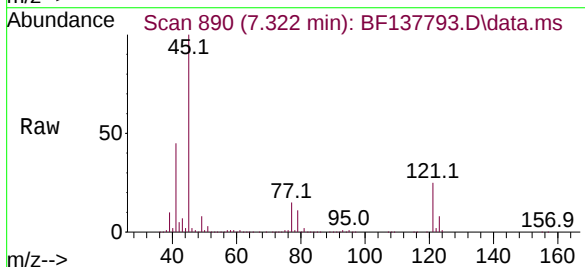
Tgt Ion: 79 Resp: 351772
Ion Ratio Lower Upper
79 100
108 83.0 64.2 96.2
77 60.5 48.5 72.7

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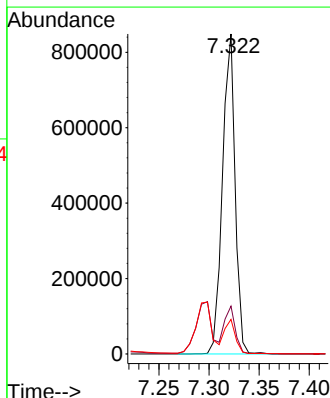
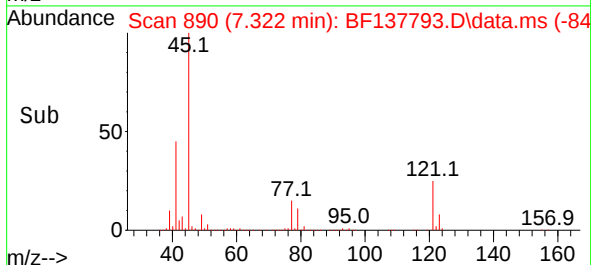
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

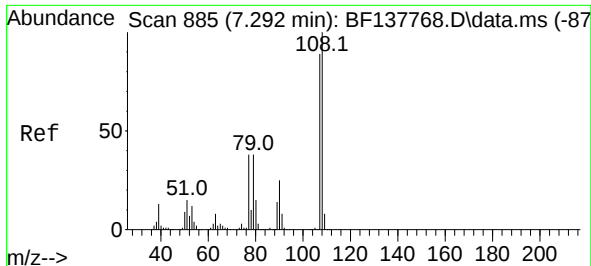


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.055 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51



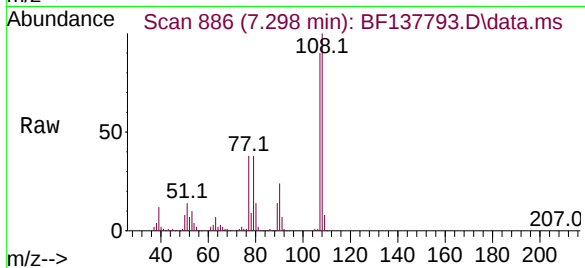
Tgt Ion: 45 Resp: 740123
Ion Ratio Lower Upper
45 100
77 14.9 0.0 33.8
79 10.8 0.0 31.0





#17
2-Methylphenol
Concen: 31.924 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.006 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

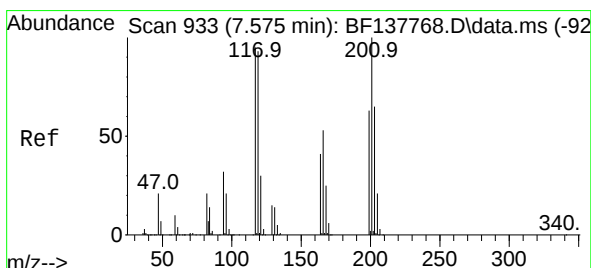
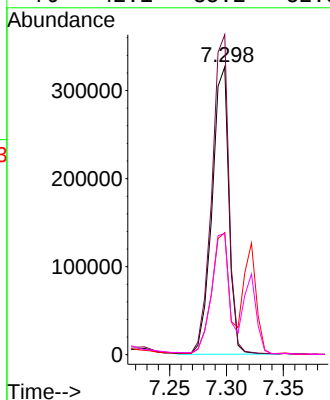
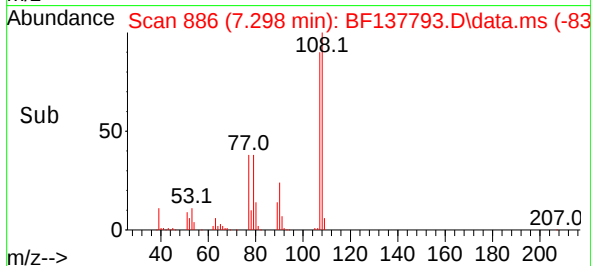
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MSD



Tgt Ion:107 Resp: 33735
Ion Ratio Lower Upper
107 100
108 111.2 90.5 135.7
77 42.4 34.5 51.7
79 42.1 35.2 52.8

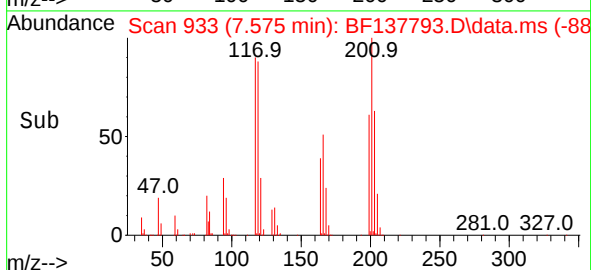
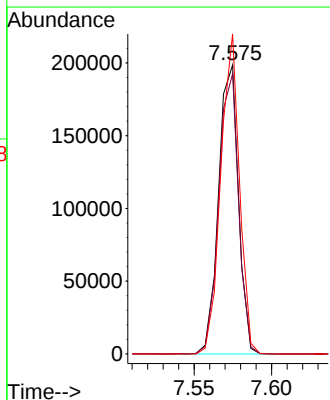
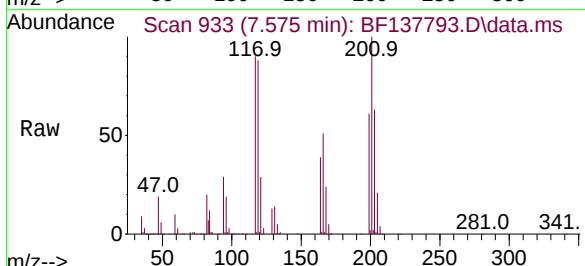
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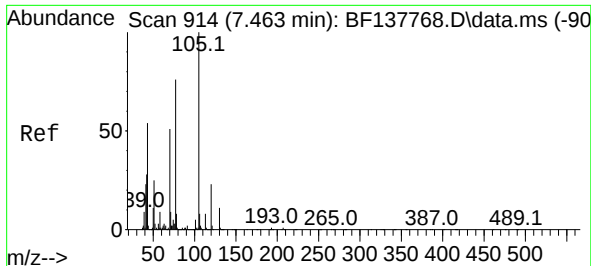
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#18
Hexachloroethane
Concen: 35.355 ng
RT: 7.575 min Scan# 933
Delta R.T. 0.000 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

Tgt Ion:117 Resp: 177117
Ion Ratio Lower Upper
117 100
119 97.0 77.6 116.4
201 110.8 83.8 125.8





#19

n-Nitroso-di-n-propylamine

Concen: 46.270 ng

RT: 7.463 min Scan# 914

Delta R.T. 0.000 min

Lab File: BF137793.D

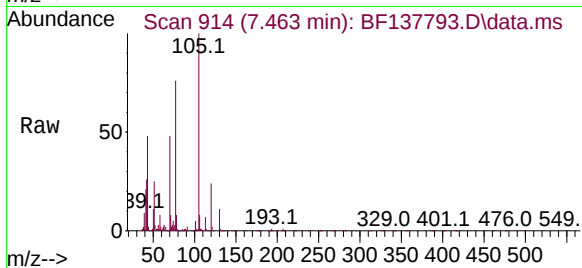
Acq: 01 May 2024 15:51

Instrument :

BNA_F

ClientSampleId :

MW-4-20240429MSD



Tgt Ion: 70 Resp: 421489

Ion Ratio Lower Upper

70 100

42 54.2 44.6 66.8

101 10.5 7.8 11.6

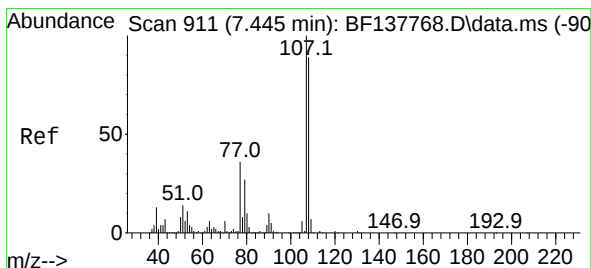
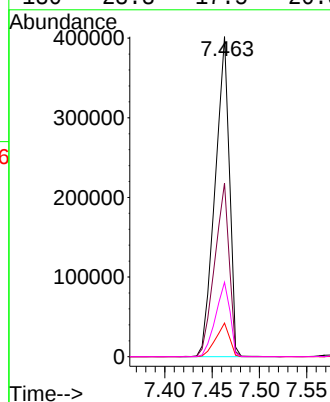
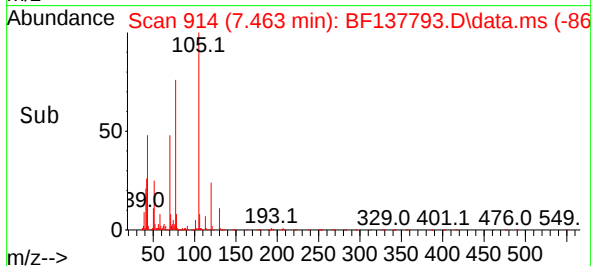
130 23.3 17.5 26.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/02/2024

Supervised By :mohammad ahmed 05/03/2024



#20

3+4-Methylphenols

Concen: 28.131 ng

RT: 7.445 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF137793.D

Acq: 01 May 2024 15:51

Tgt Ion:107 Resp: 391116

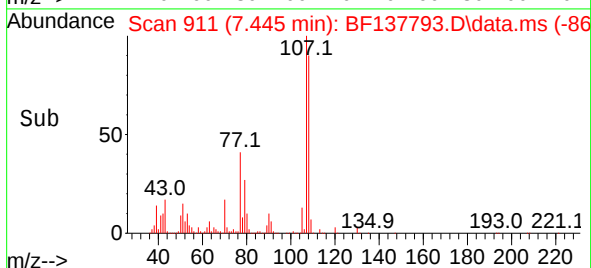
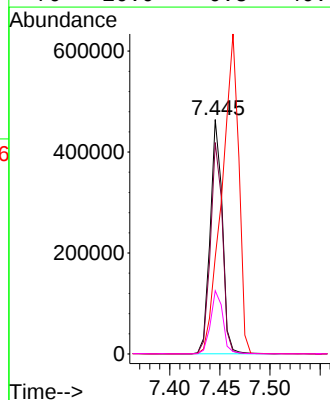
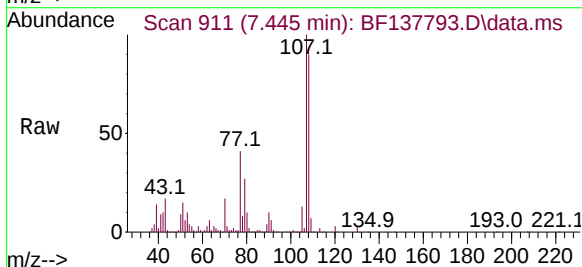
Ion Ratio Lower Upper

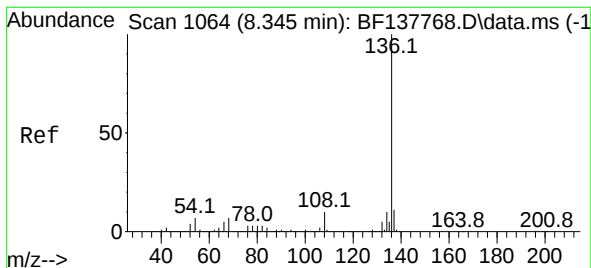
107 100

108 90.2 69.3 109.3

77 41.3 15.7 55.7

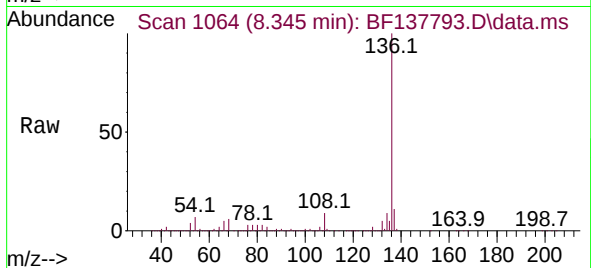
79 26.9 6.8 46.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. 0.000 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

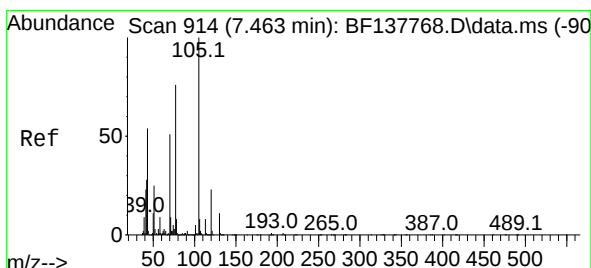
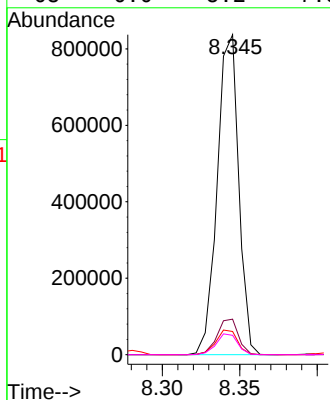
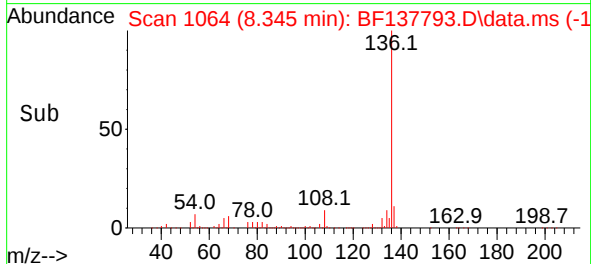
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MSD



Tgt Ion:136 Resp: 80619
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.3 5.8 8.8
68 6.0 5.2 7.8

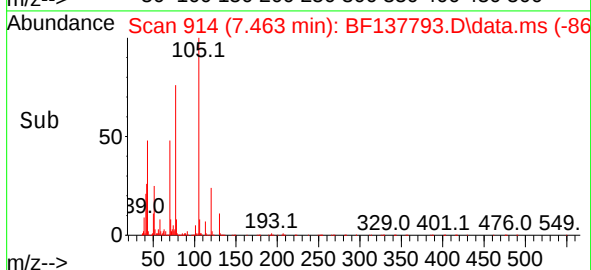
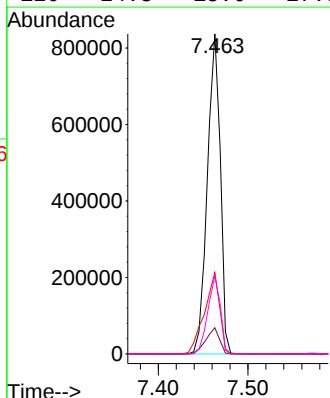
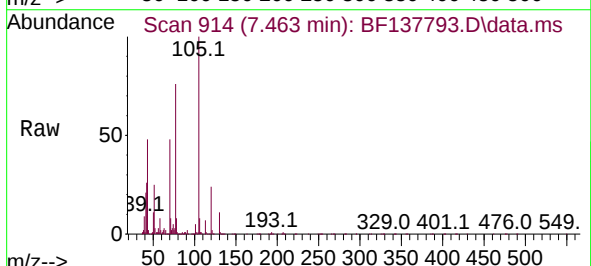
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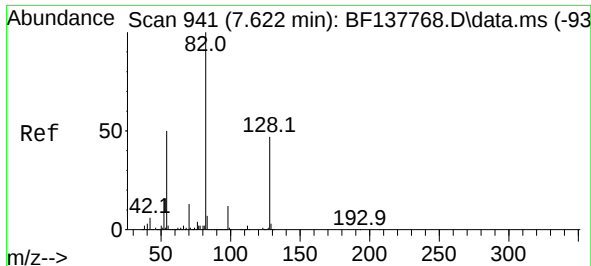
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#22
Acetophenone
Concen: 46.148 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

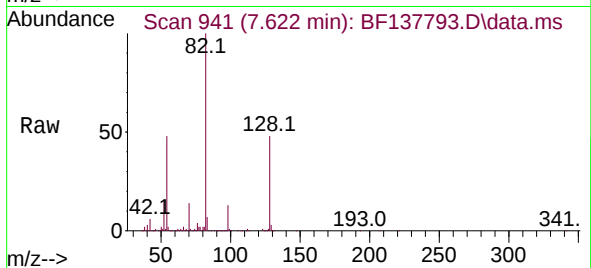
Tgt Ion:105 Resp: 836728
Ion Ratio Lower Upper
105 100
71 8.2 6.9 10.3
51 25.5 20.2 30.2
120 24.3 18.6 27.8





#23
Nitrobenzene-d5
Concen: 90.721 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

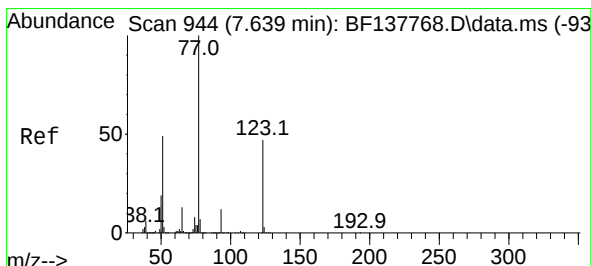
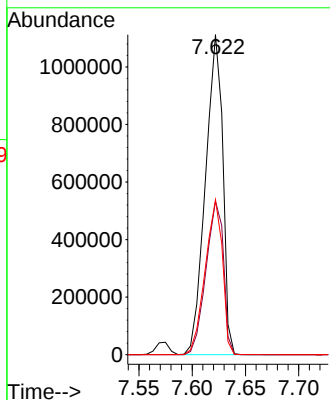
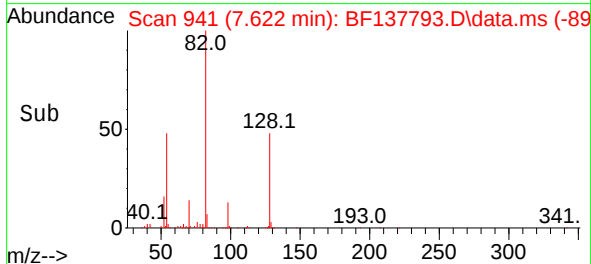
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MSD



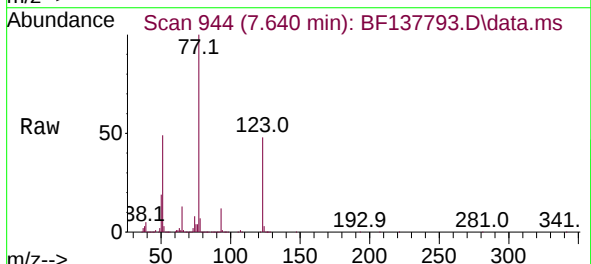
Tgt Ion: 82 Resp: 1258874
Ion Ratio Lower Upper
82 100
128 48.0 37.5 56.3
54 48.4 39.8 59.6

Manual Integrations
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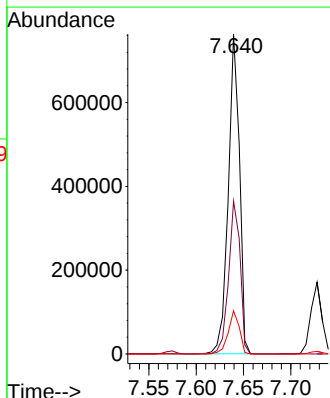
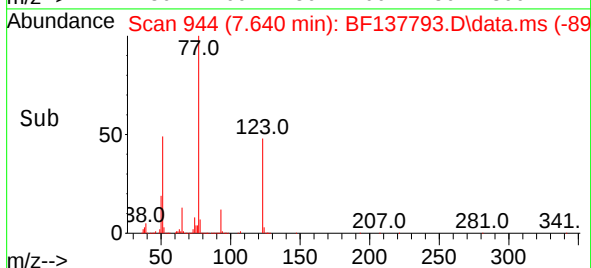
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

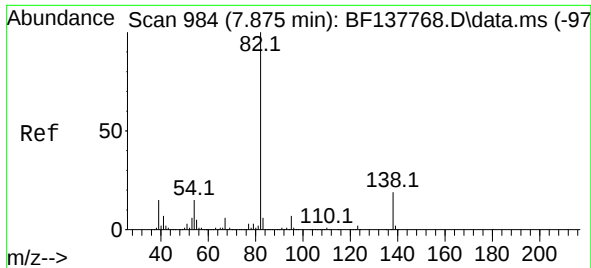


#24
Nitrobenzene
Concen: 43.768 ng
RT: 7.640 min Scan# 944
Delta R.T. 0.000 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51



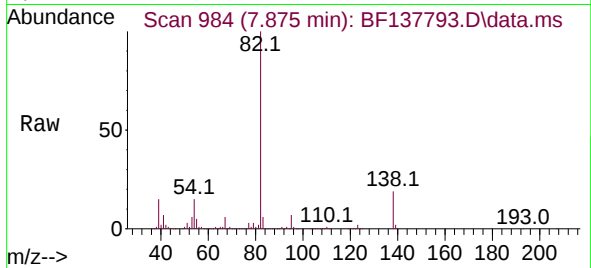
Tgt Ion: 77 Resp: 625951
Ion Ratio Lower Upper
77 100
123 47.8 37.4 56.2
65 13.5 10.7 16.1





#25
Isophorone
Concen: 45.980 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.000 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

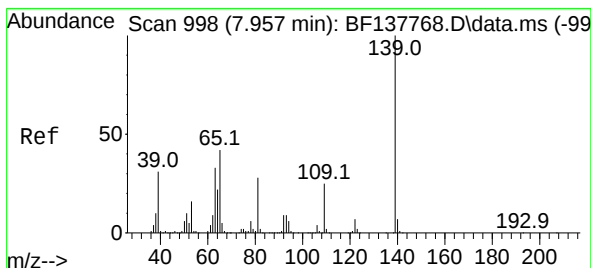
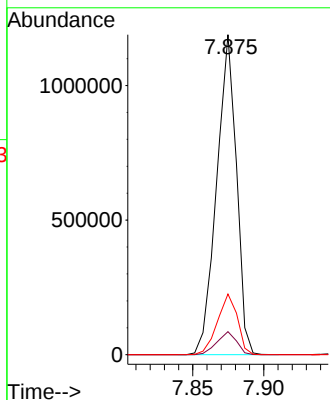
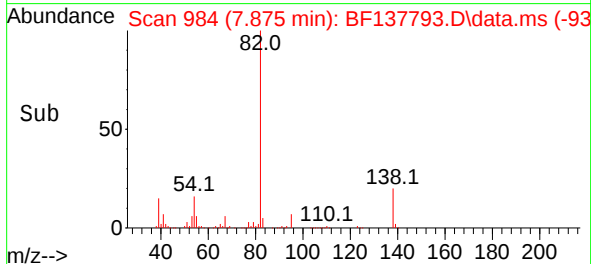
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MSD



Tgt Ion: 82 Resp: 1150382
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 19.0 15.0 22.6

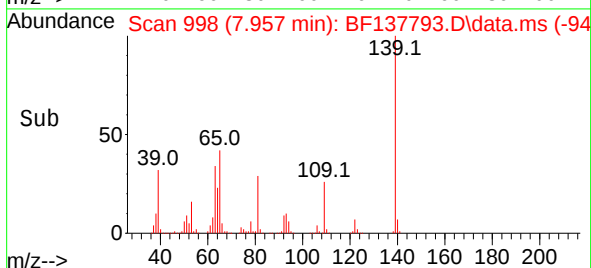
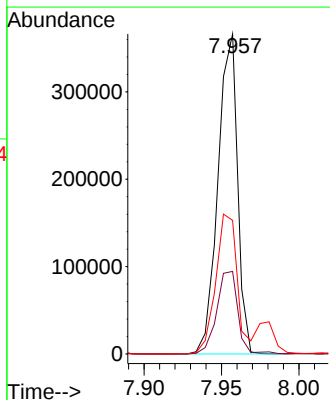
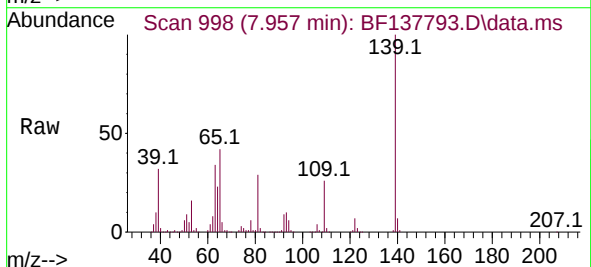
Manual Integrations
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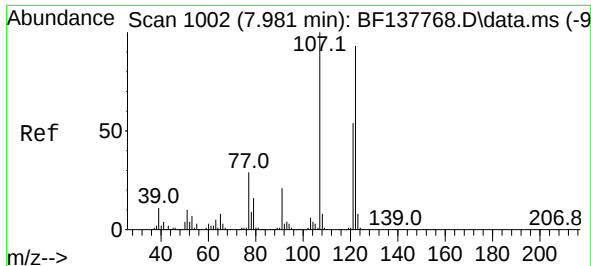
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#26
2-Nitrophenol
Concen: 49.743 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

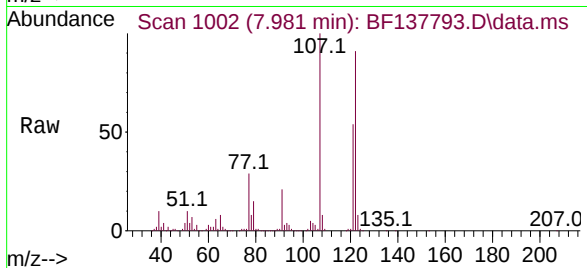
Tgt Ion:139 Resp: 322156
Ion Ratio Lower Upper
139 100
109 25.8 20.2 30.2
65 41.7 33.4 50.0





#27
2,4-Dimethylphenol
Concen: 43.705 ng
RT: 7.981 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

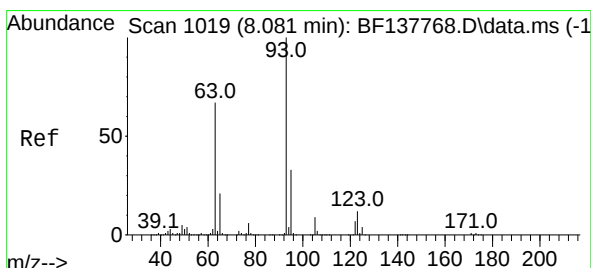
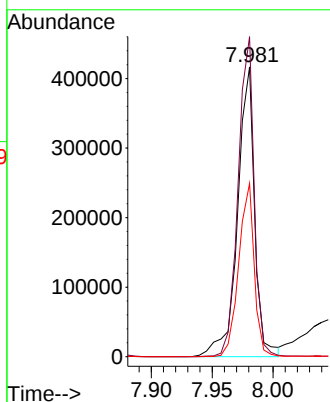
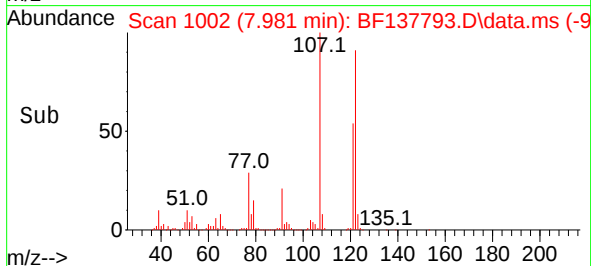
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MSD



Tgt Ion:122 Resp: 407500
Ion Ratio Lower Upper
122 100
107 110.4 85.8 128.8
121 59.8 46.6 69.8

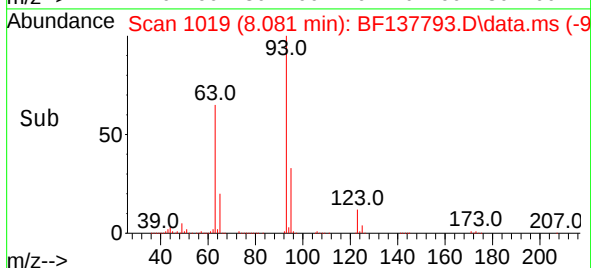
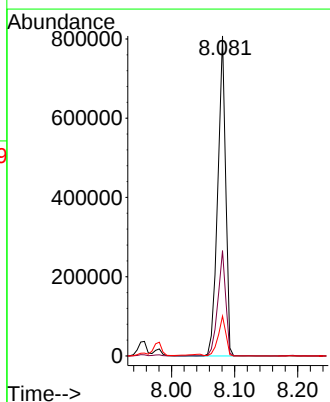
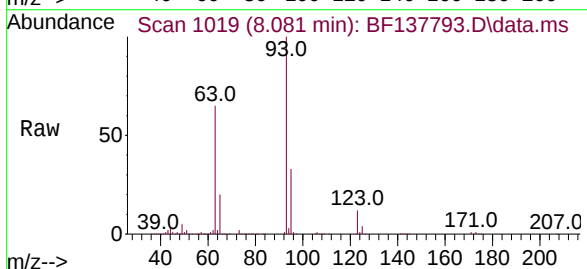
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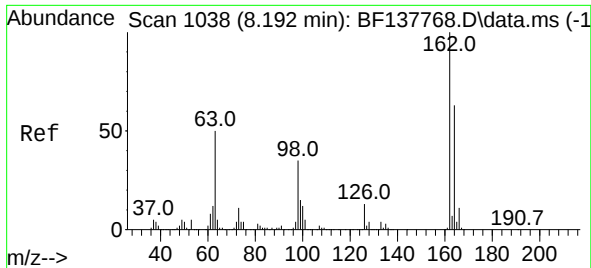
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#28
bis(2-Chloroethoxy)methane
Concen: 45.997 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

Tgt Ion: 93 Resp: 696774
Ion Ratio Lower Upper
93 100
95 32.9 26.1 39.1
123 12.4 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 43.863 ng

RT: 8.192 min Scan# 1038

Delta R.T. 0.000 min

Lab File: BF137793.D

Acq: 01 May 2024 15:51

Instrument :

BNA_F

ClientSampleId :

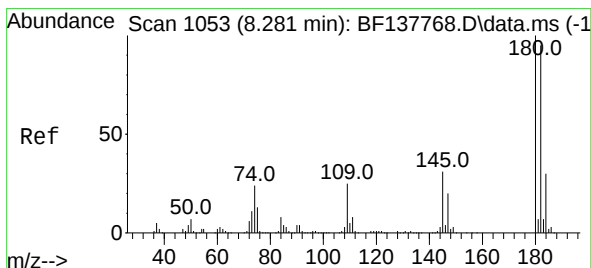
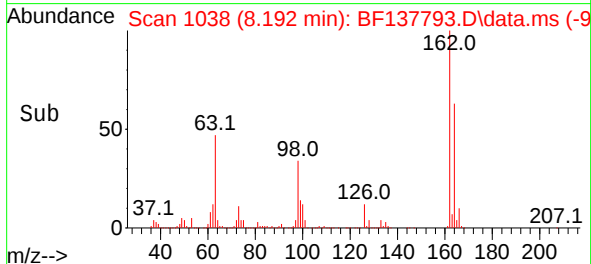
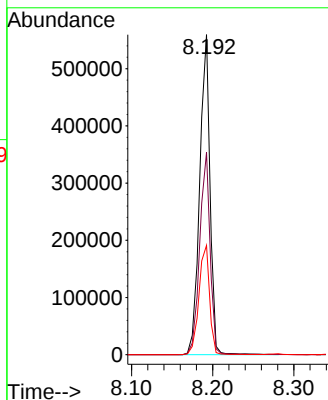
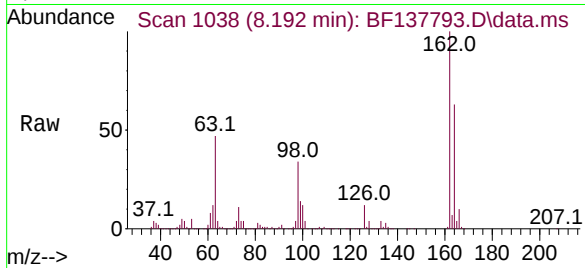
MW-4-20240429MSD

Tgt Ion:162 Resp: 494324
 Ion Ratio Lower Upper
 162 100
 164 63.2 43.5 83.5
 98 34.2 15.1 55.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/02/2024
 Supervised By :mohammad ahmed 05/03/2024



#30

1,2,4-Trichlorobenzene

Concen: 40.179 ng

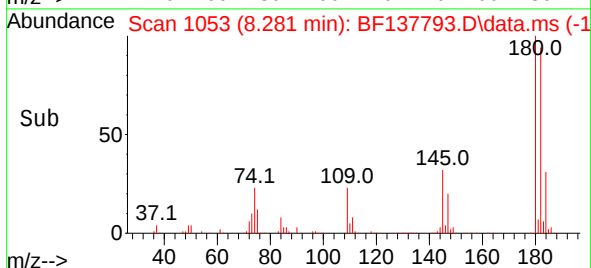
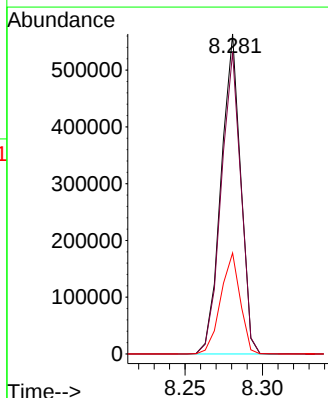
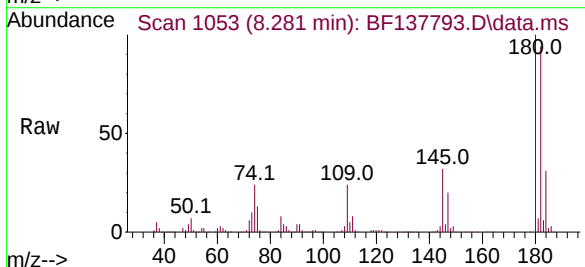
RT: 8.281 min Scan# 1053

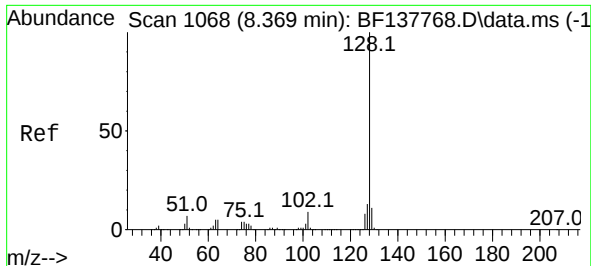
Delta R.T. 0.000 min

Lab File: BF137793.D

Acq: 01 May 2024 15:51

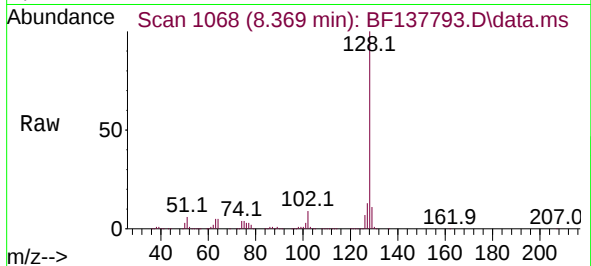
Tgt Ion:180 Resp: 493625
 Ion Ratio Lower Upper
 180 100
 182 94.2 76.2 114.2
 145 31.5 25.1 37.7





#31
Naphthalene
Concen: 41.885 ng
RT: 8.369 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

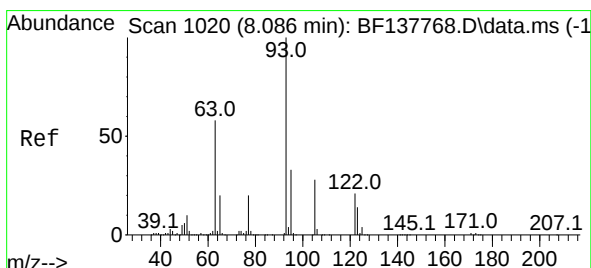
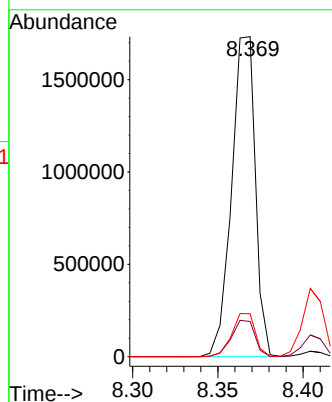
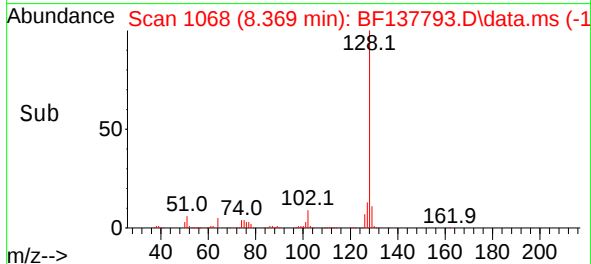
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MSD



Tgt Ion:128 Resp: 167809
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.4 10.6 16.0

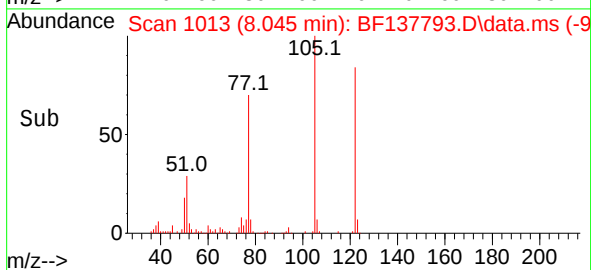
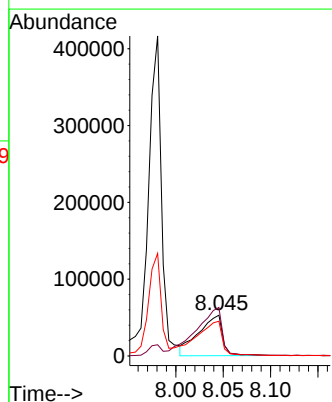
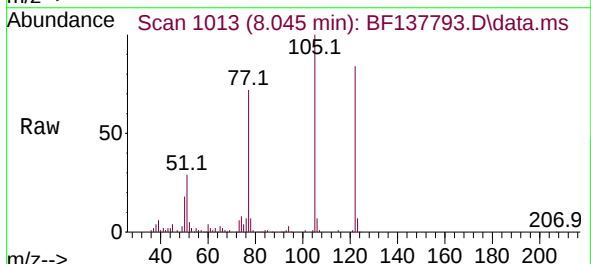
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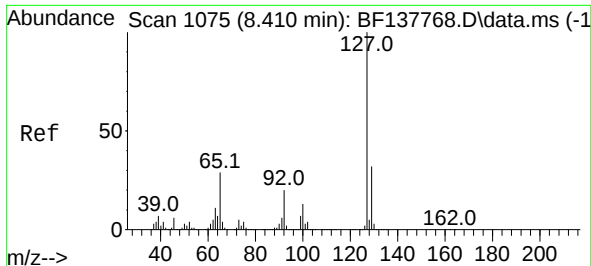
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#32
Benzoic acid
Concen: 11.654 ng
RT: 8.045 min Scan# 1013
Delta R.T. -0.041 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

Tgt Ion:122 Resp: 93743
Ion Ratio Lower Upper
122 100
105 118.6 105.3 145.3
77 84.9 73.2 113.2





#33

4-Chloroaniline

Concen: 21.891 ng

RT: 8.404 min Scan# 1074

Delta R.T. -0.006 min

Lab File: BF137793.D

Acq: 01 May 2024 15:51

Instrument :

BNA_F

ClientSampleId :

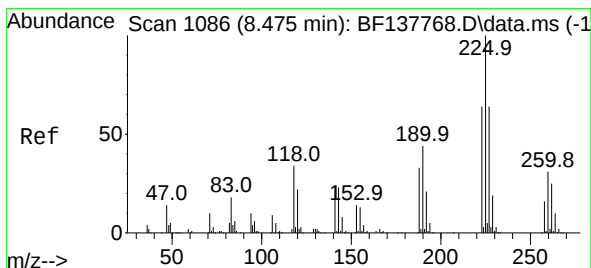
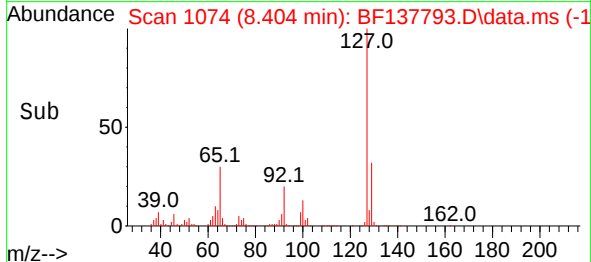
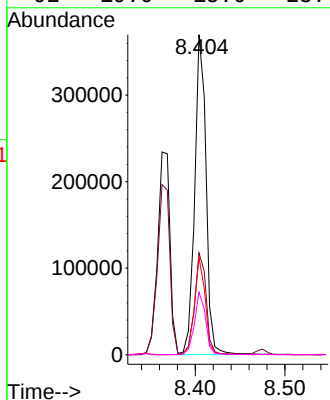
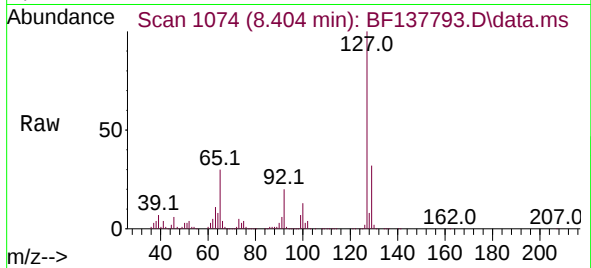
MW-4-20240429MSD

Tgt Ion:	127	Resp:	325220
Ion Ratio	Lower	Upper	
127	100		
129	31.9	25.7	38.5
65	30.3	23.4	35.2
92	19.6	15.6	23.4

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Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#34

Hexachlorobutadiene

Concen: 36.189 ng

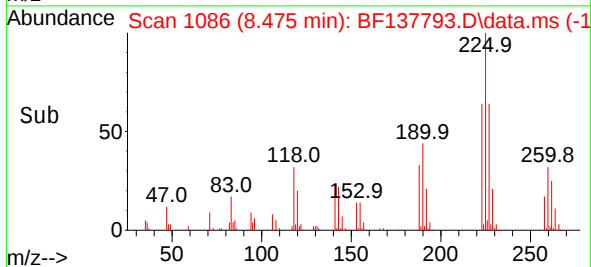
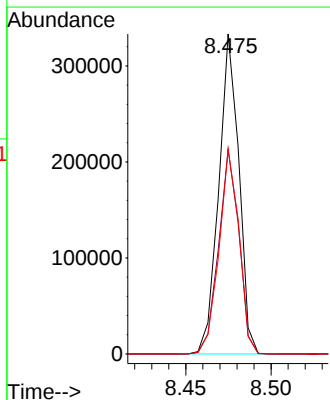
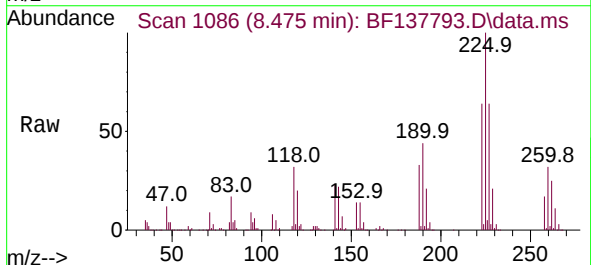
RT: 8.475 min Scan# 1086

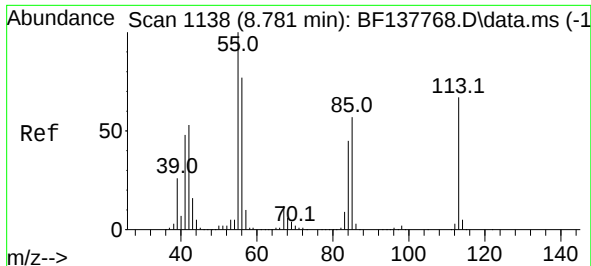
Delta R.T. 0.000 min

Lab File: BF137793.D

Acq: 01 May 2024 15:51

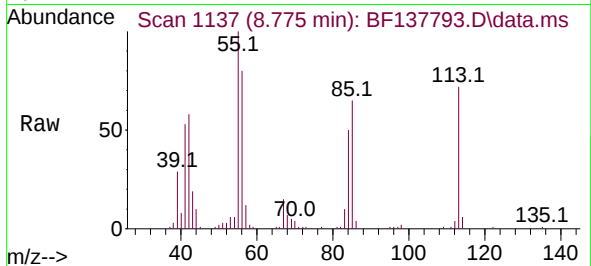
Tgt Ion:	225	Resp:	272964
Ion Ratio	Lower	Upper	
225	100		
223	64.0	51.1	76.7
227	63.9	51.4	77.0





#35
 Caprolactam
 Concen: 8.621 ng m
 RT: 8.775 min Scan# 1137
 Delta R.T. -0.006 min
 Lab File: BF137793.D
 Acq: 01 May 2024 15:51

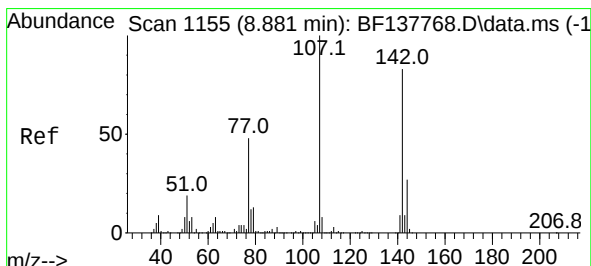
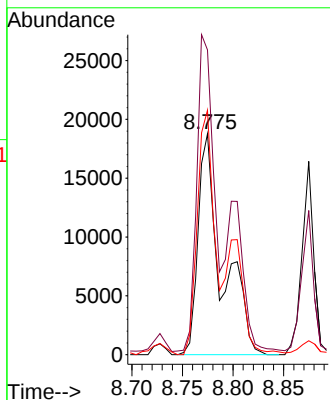
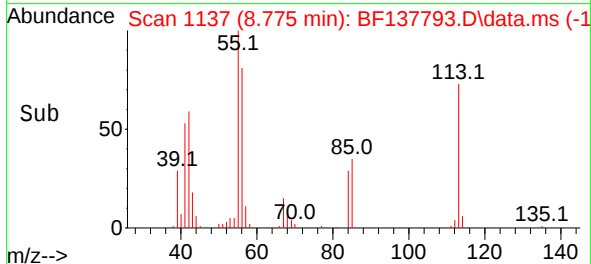
Instrument :
 BNA_F
 ClientSampleId :
 MW-4-20240429MSD



Tgt Ion:113 Resp: 30782
 Ion Ratio Lower Upper
 113 100
 55 138.0 128.7 168.7
 56 110.7 93.9 133.9

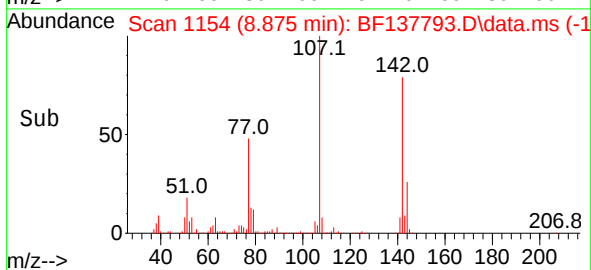
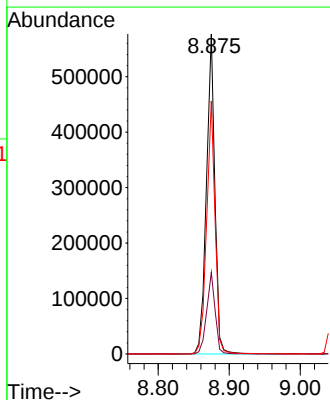
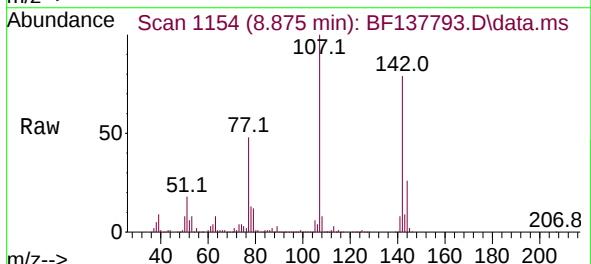
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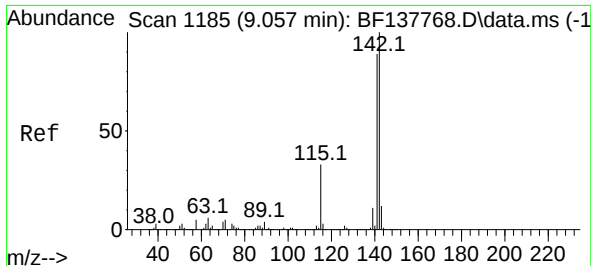
Reviewed By :Jagrut Upadhyay 05/02/2024
 Supervised By :mohammad ahmed 05/03/2024



#36
 4-Chloro-3-methylphenol
 Concen: 40.806 ng
 RT: 8.875 min Scan# 1154
 Delta R.T. -0.006 min
 Lab File: BF137793.D
 Acq: 01 May 2024 15:51

Tgt Ion:107 Resp: 479571
 Ion Ratio Lower Upper
 107 100
 144 25.5 21.4 32.0
 142 79.1 66.2 99.2





#37

2-Methylnaphthalene

Concen: 44.259 ng

RT: 9.057 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF137793.D

Acq: 01 May 2024 15:51

Instrument :

BNA_F

ClientSampleId :

MW-4-20240429MSD

Tgt Ion:142 Resp: 1147810

Ion Ratio Lower Upper

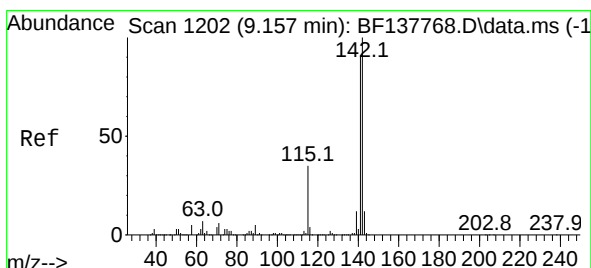
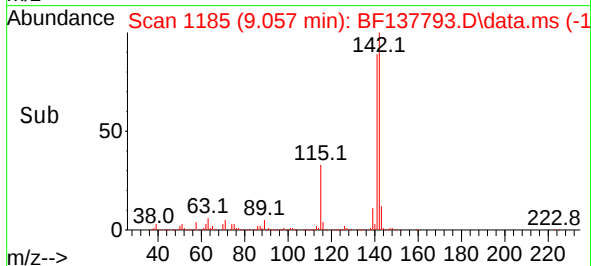
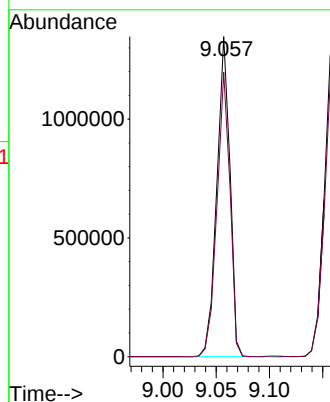
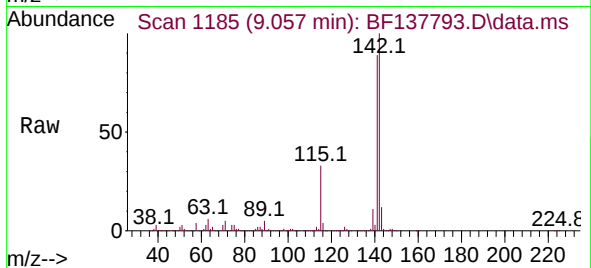
142 100

141 88.9 70.8 106.2

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Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#38

1-Methylnaphthalene

Concen: 42.036 ng

RT: 9.157 min Scan# 1202

Delta R.T. 0.000 min

Lab File: BF137793.D

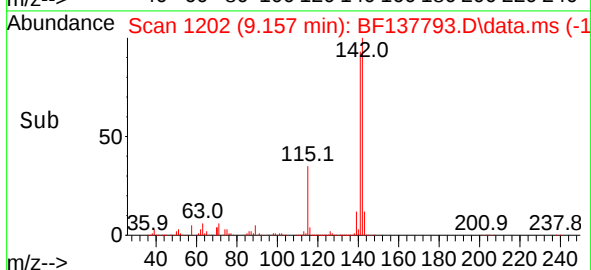
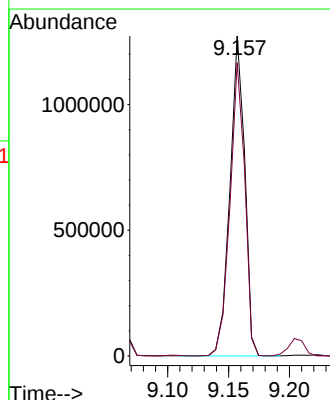
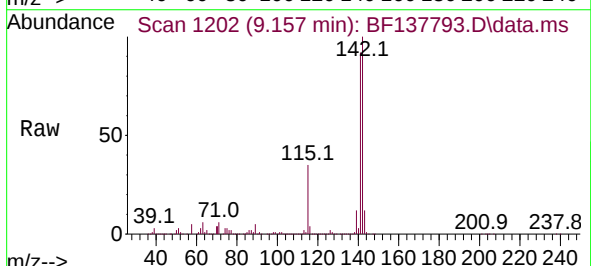
Acq: 01 May 2024 15:51

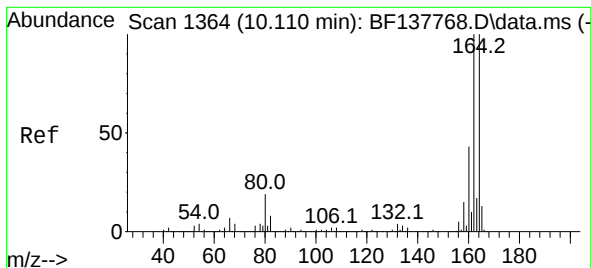
Tgt Ion:142 Resp: 1072521

Ion Ratio Lower Upper

142 100

141 91.6 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.110 min Scan# 1364

Delta R.T. 0.000 min

Lab File: BF137793.D

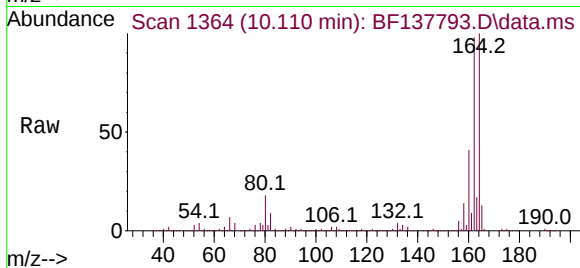
Acq: 01 May 2024 15:51

Instrument :

BNA_F

ClientSampleId :

MW-4-20240429MSD

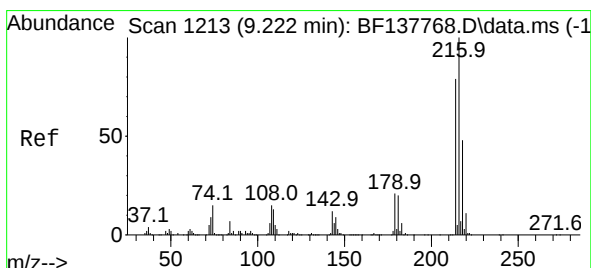
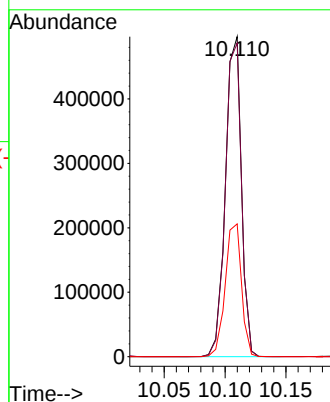
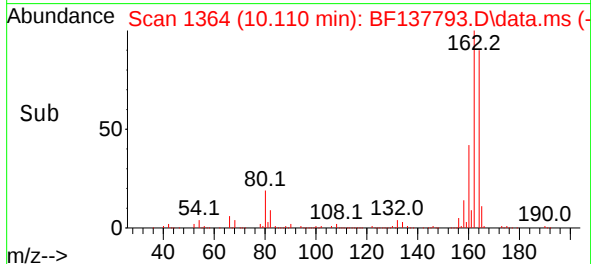


Tgt Ion:164	Resp: 45294
Ion Ratio	Lower Upper
164 100	
162 98.0	79.8 119.6
160 41.5	34.4 51.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.647 ng

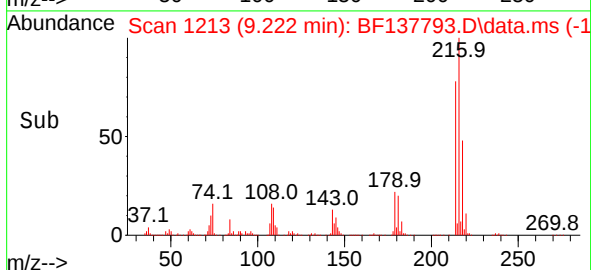
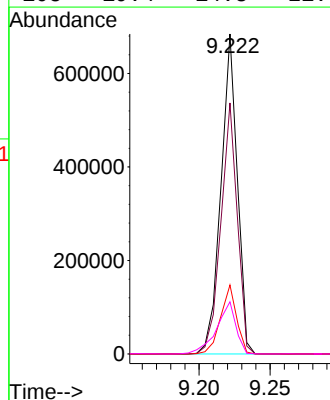
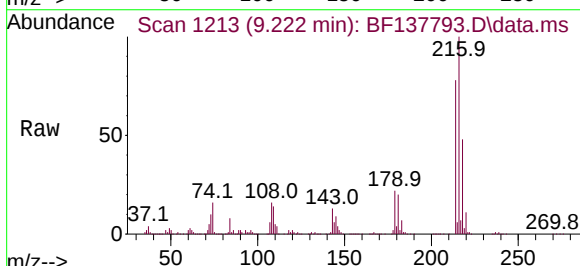
RT: 9.222 min Scan# 1213

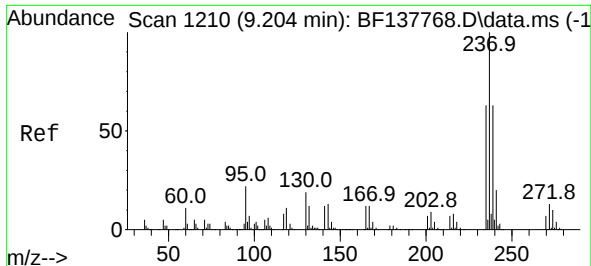
Delta R.T. 0.000 min

Lab File: BF137793.D

Acq: 01 May 2024 15:51

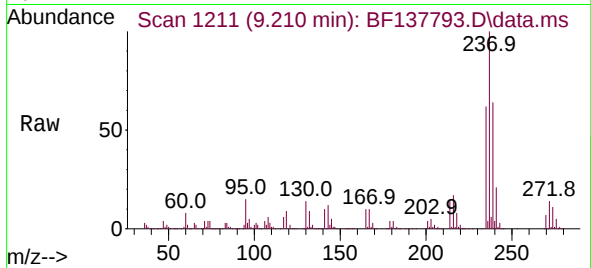
Tgt	Ion:216	Resp:	547608
Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.3	94.9
179	21.1	16.8	25.2
108	19.4	14.3	21.5





#41
Hexachlorocyclopentadiene
Concen: 115.692 ng
RT: 9.210 min Scan# 1210
Delta R.T. 0.006 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

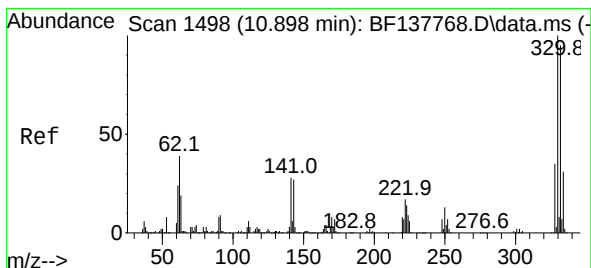
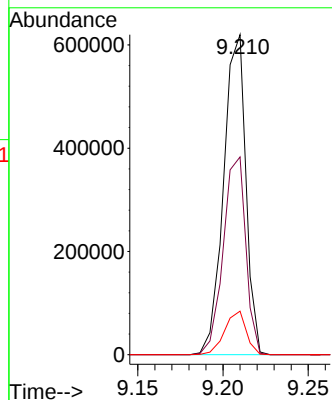
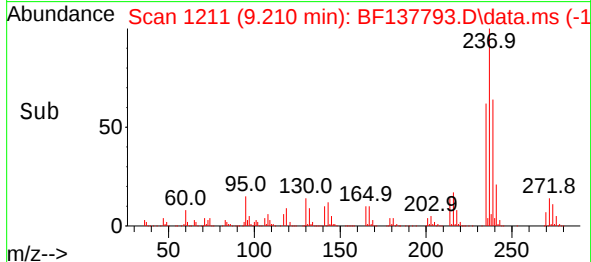
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MSD



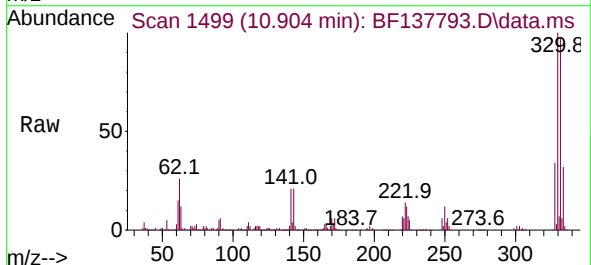
Tgt Ion: 237 Resp: 56373
Ion Ratio Lower Upper
237 100
235 61.8 43.0 83.0
272 13.6 0.0 32.8

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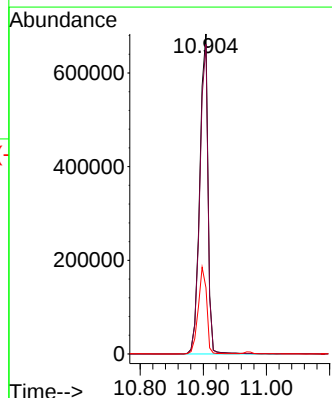
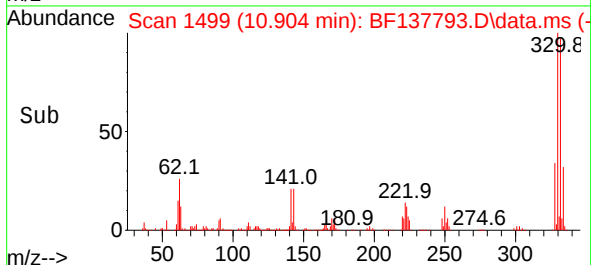
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

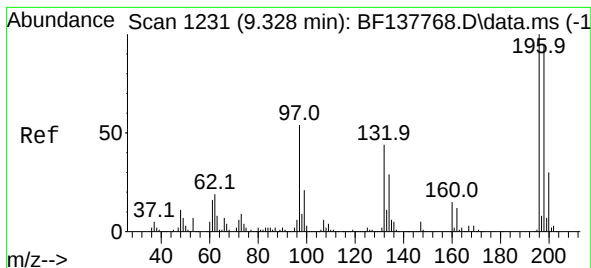


#42
2,4,6-Tribromophenol
Concen: 132.813 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51



Tgt Ion: 330 Resp: 614217
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 27.8 23.8 35.6





#43

2,4,6-Trichlorophenol

Concen: 47.704 ng

RT: 9.328 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF137793.D

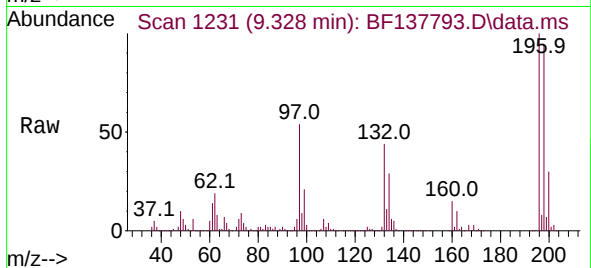
Acq: 01 May 2024 15:51

Instrument :

BNA_F

ClientSampleId :

MW-4-20240429MSD



Tgt Ion:196 Resp: 38955

Ion Ratio Lower Upper

196 100

198 93.6 76.2 114.4

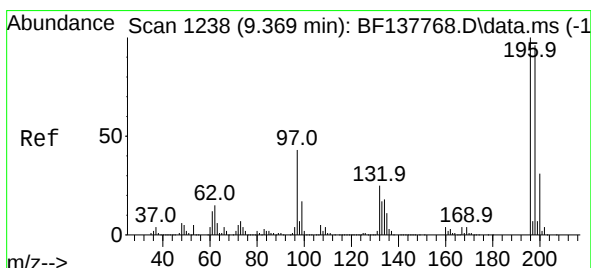
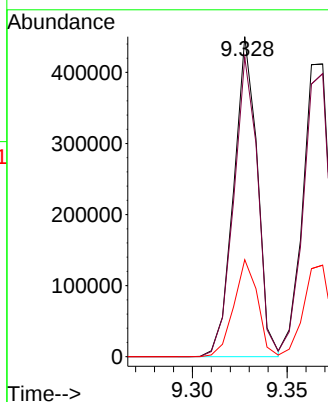
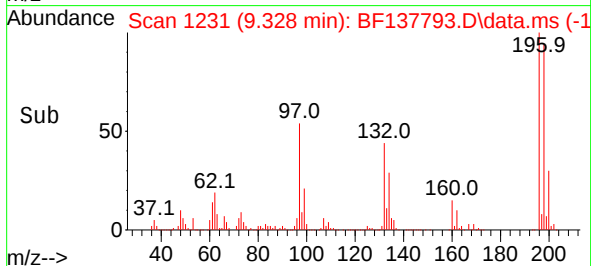
200 30.3 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024

Supervised By :mohammad ahmed 05/03/2024



#44

2,4,5-Trichlorophenol

Concen: 45.574 ng

RT: 9.369 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF137793.D

Acq: 01 May 2024 15:51

Tgt Ion:196 Resp: 410940

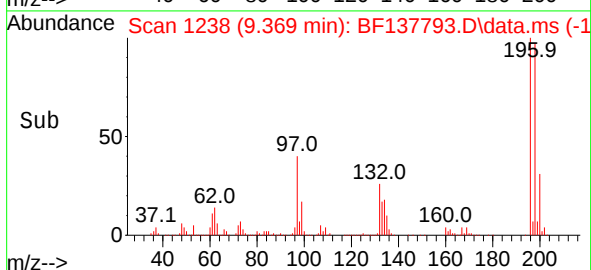
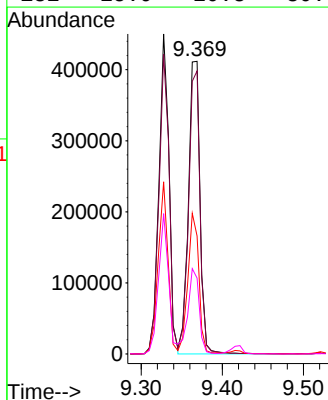
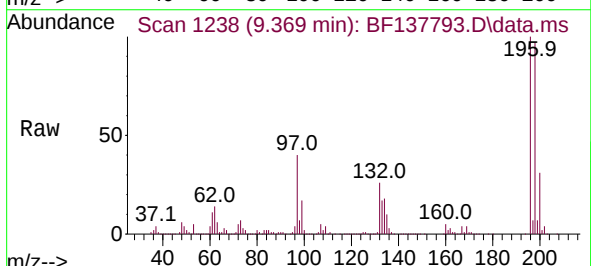
Ion Ratio Lower Upper

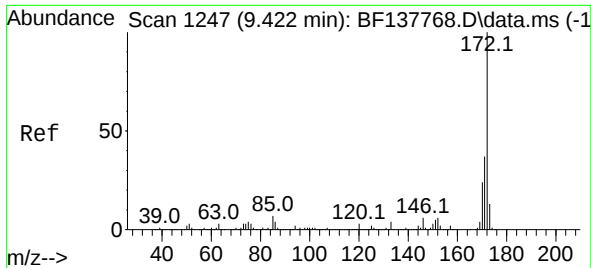
196 100

198 96.7 76.6 114.8

97 40.3 34.5 51.7

132 25.9 20.3 30.5





#45

2-Fluorobiphenyl

Concen: 88.201 ng

RT: 9.422 min Scan# 1247

Delta R.T. 0.000 min

Lab File: BF137793.D

Acq: 01 May 2024 15:51

Instrument :

BNA_F

ClientSampleId :

MW-4-20240429MSD

Tgt Ion:172 Resp: 2462463

Ion Ratio Lower Upper

172 100

171 36.5 29.6 44.4

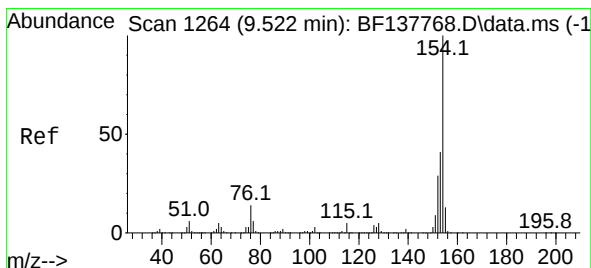
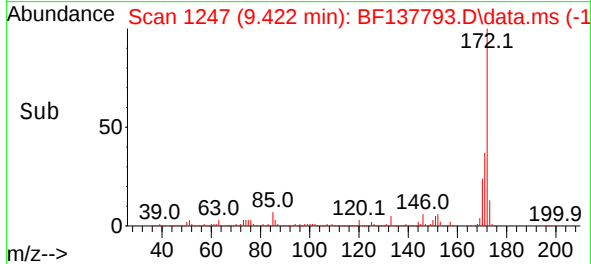
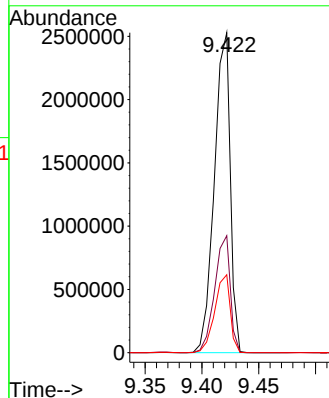
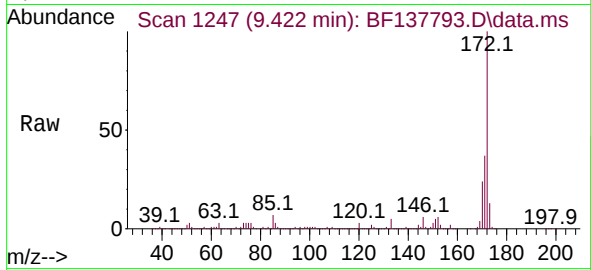
170 24.3 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024

Supervised By :mohammad ahmed 05/03/2024



#46

1,1'-Biphenyl

Concen: 47.126 ng

RT: 9.522 min Scan# 1264

Delta R.T. 0.000 min

Lab File: BF137793.D

Acq: 01 May 2024 15:51

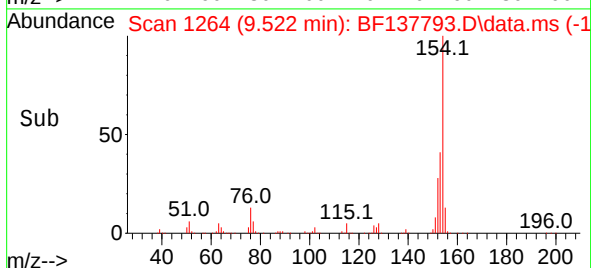
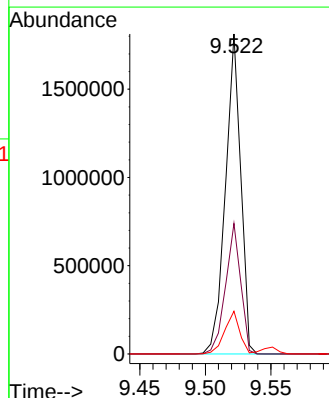
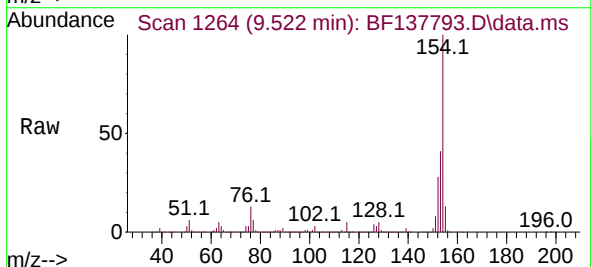
Tgt Ion:154 Resp: 1464894

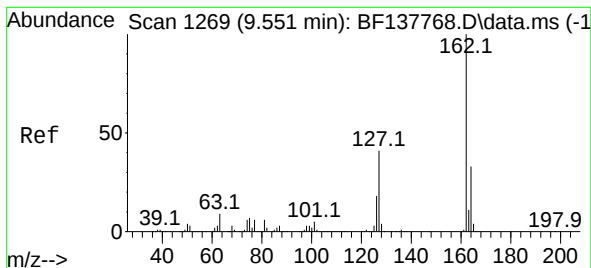
Ion Ratio Lower Upper

154 100

153 40.8 21.4 61.4

76 13.4 0.0 33.5





#47

2-Chloronaphthalene

Concen: 45.015 ng

RT: 9.551 min Scan# 1269

Delta R.T. 0.000 min

Lab File: BF137793.D

Acq: 01 May 2024 15:51

Instrument :

BNA_F

ClientSampleId :

MW-4-20240429MSD

Tgt Ion:162 Resp: 112971

Ion Ratio Lower Upper

162 100

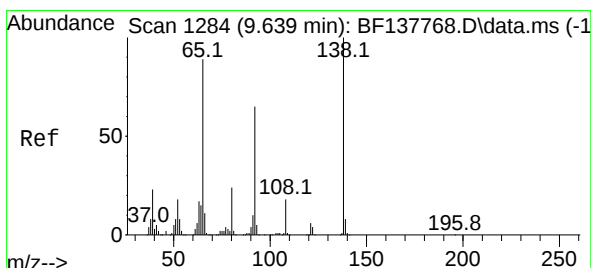
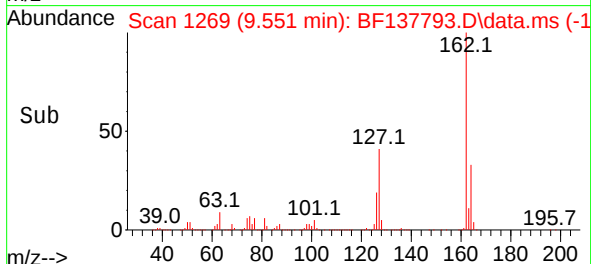
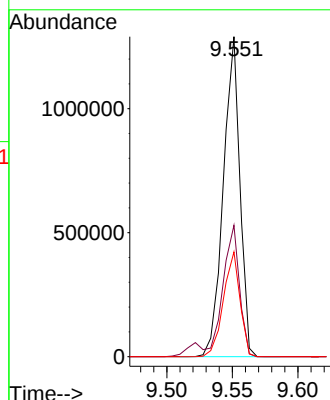
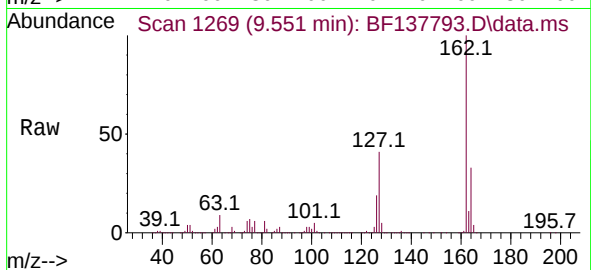
127 41.1 32.6 49.0

164 32.7 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#48

2-Nitroaniline

Concen: 48.705 ng

RT: 9.639 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BF137793.D

Acq: 01 May 2024 15:51

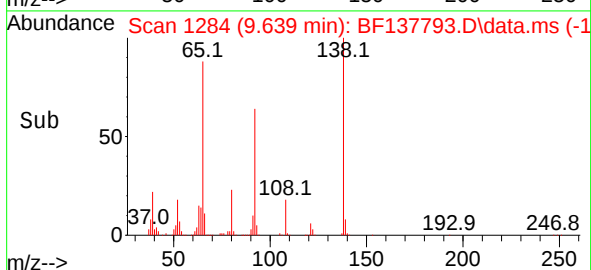
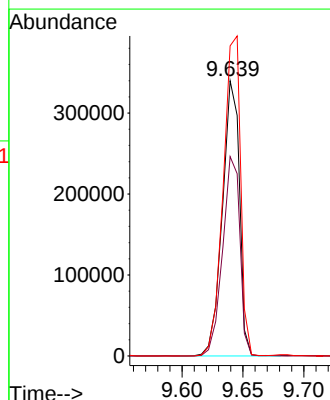
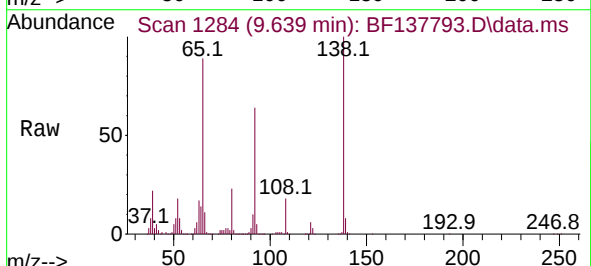
Tgt Ion: 65 Resp: 331499

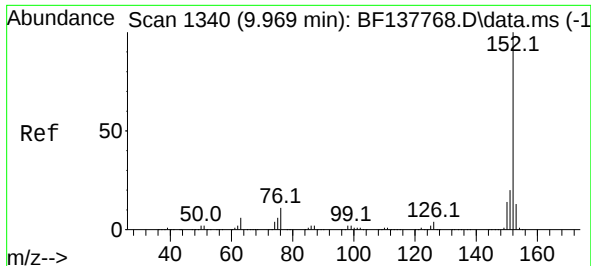
Ion Ratio Lower Upper

65 100

92 72.4 58.6 88.0

138 112.7 90.3 135.5





#49

Acenaphthylene

Concen: 49.248 ng

RT: 9.969 min Scan# 1340

Delta R.T. 0.000 min

Lab File: BF137793.D

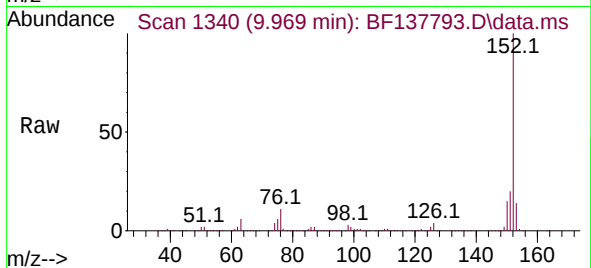
Acq: 01 May 2024 15:51

Instrument :

BNA_F

ClientSampleId :

MW-4-20240429MSD



Tgt Ion:152 Resp: 1787862

Ion Ratio Lower Upper

152 100

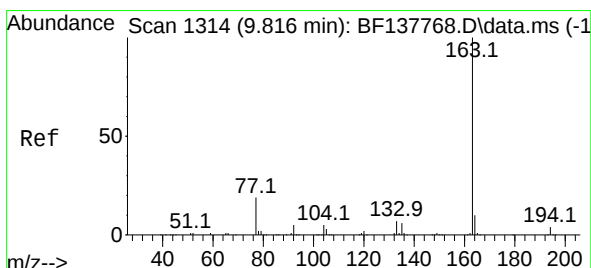
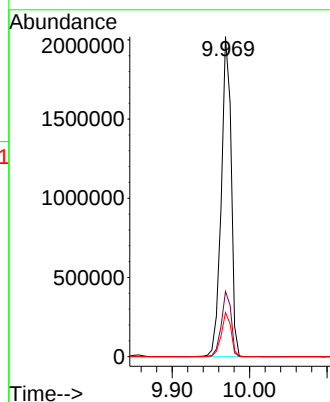
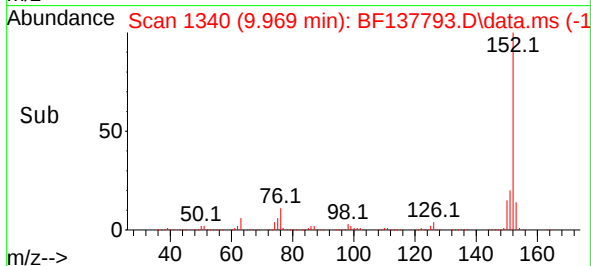
151 20.4 16.2 24.4

153 13.8 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#50

Dimethylphthalate

Concen: 48.004 ng

RT: 9.822 min Scan# 1315

Delta R.T. 0.006 min

Lab File: BF137793.D

Acq: 01 May 2024 15:51

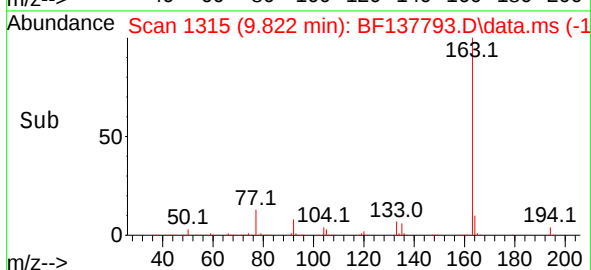
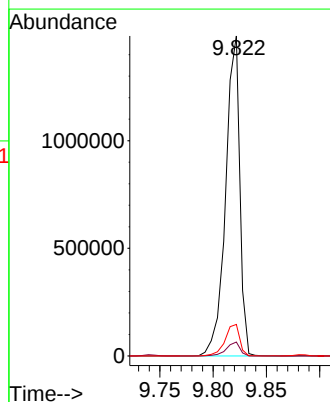
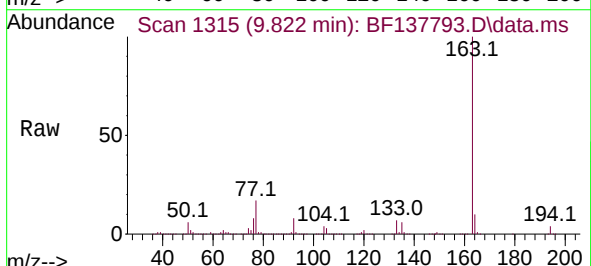
Tgt Ion:163 Resp: 1372628

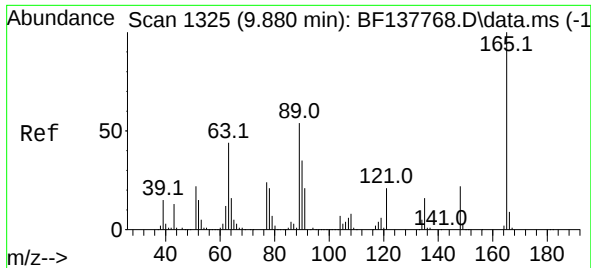
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

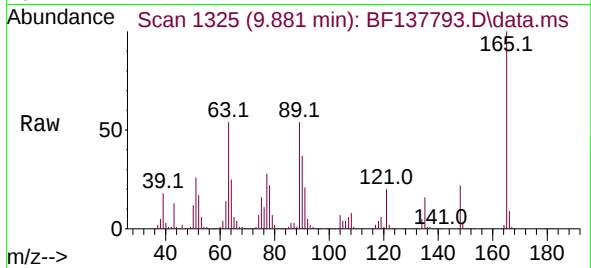
164 9.8 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 47.115 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

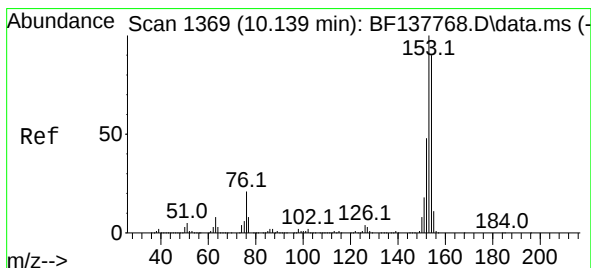
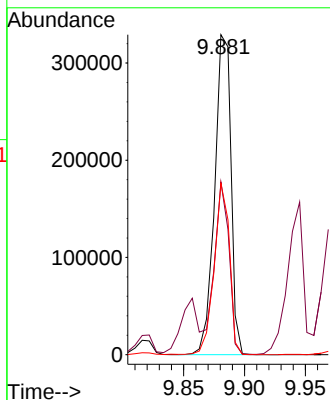
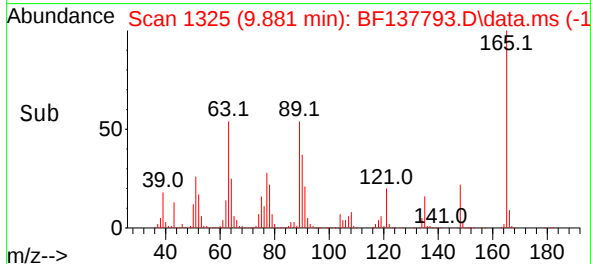
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MSD



Tgt Ion:165 Resp: 30787
Ion Ratio Lower Upper
165 100
63 53.9 41.9 62.9
89 53.6 43.2 64.8

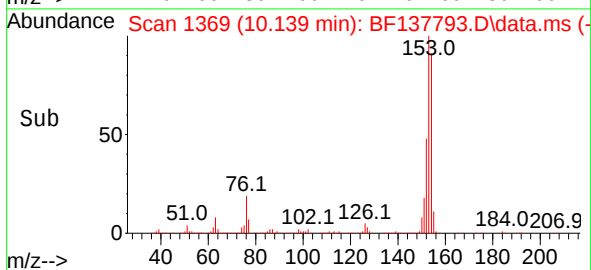
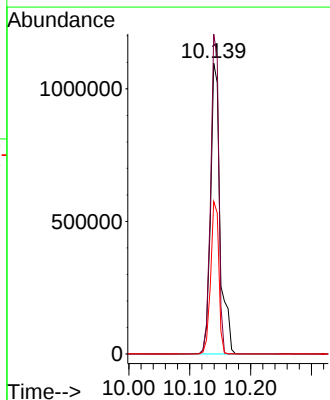
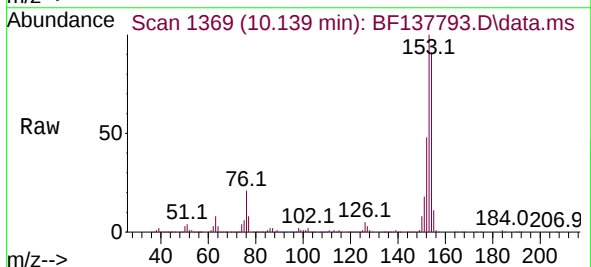
Manual Integrations
APPROVED

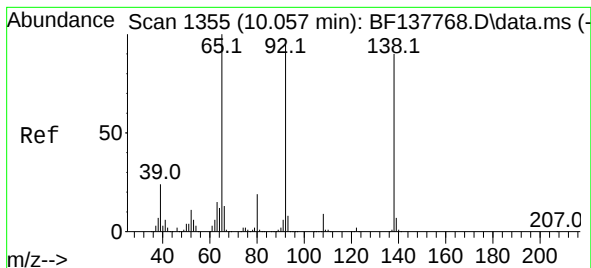
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#52
Acenaphthene
Concen: 49.530 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

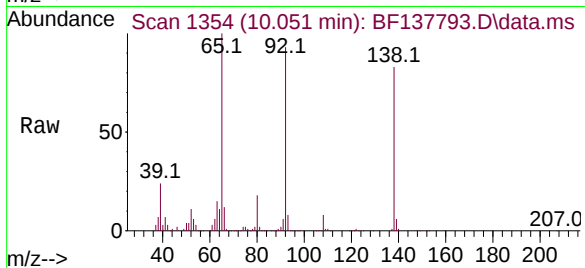
Tgt Ion:154 Resp: 1191864
Ion Ratio Lower Upper
154 100
153 110.0 88.7 133.1
152 52.4 42.8 64.2





#53
3-Nitroaniline
Concen: 24.178 ng
RT: 10.051 min Scan# 1355
Delta R.T. -0.006 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

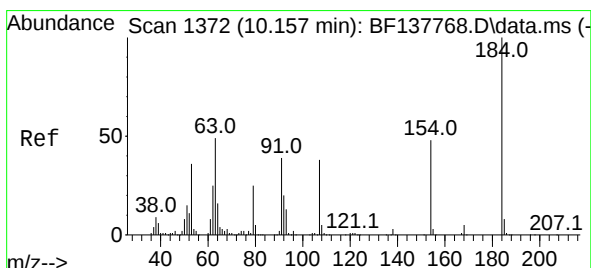
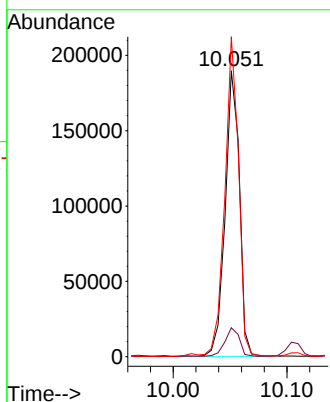
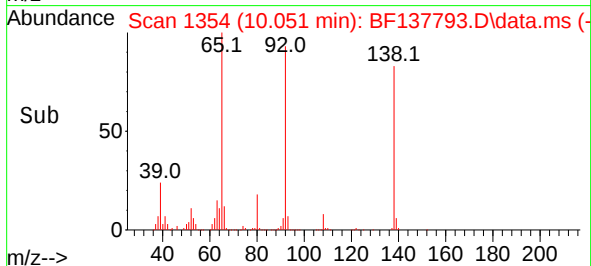
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MSD



Tgt Ion:138 Resp: 165452
Ion Ratio Lower Upper
138 100
108 10.1 7.8 11.6
92 111.9 84.6 126.8

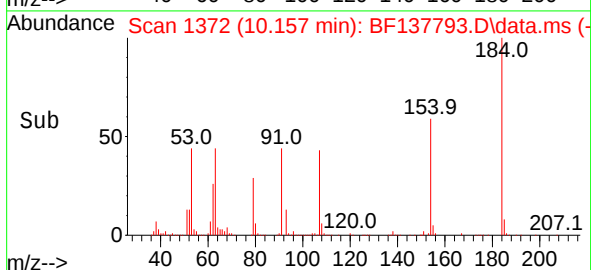
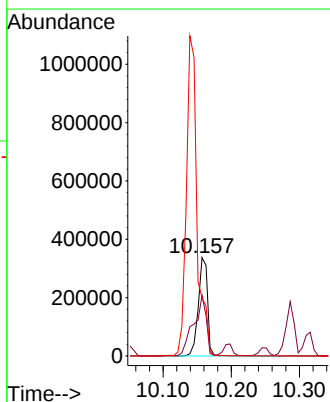
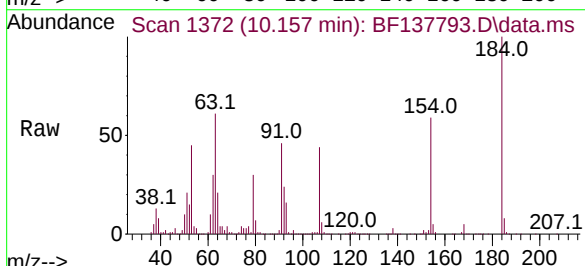
Manual Integrations
APPROVED

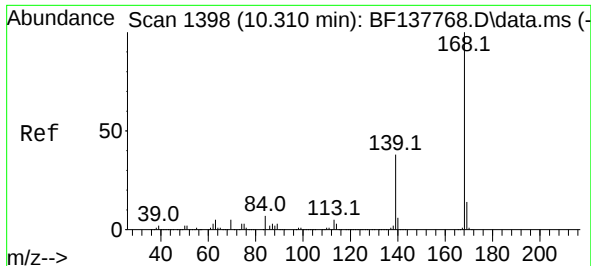
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#54
2,4-Dinitrophenol
Concen: 98.740 ng
RT: 10.157 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

Tgt Ion:184 Resp: 317038
Ion Ratio Lower Upper
184 100
63 61.4 40.3 60.5#
154 59.0 45.2 67.8





#55

Dibenzenofuran

Concen: 46.586 ng

RT: 10.316 min Scan# 1399

Delta R.T. 0.006 min

Lab File: BF137793.D

Acq: 01 May 2024 15:51

Instrument :

BNA_F

ClientSampleId :

MW-4-20240429MSD

Tgt Ion:168 Resp: 163135

Ion Ratio Lower Upper

168 100

139 37.0 30.2 45.4

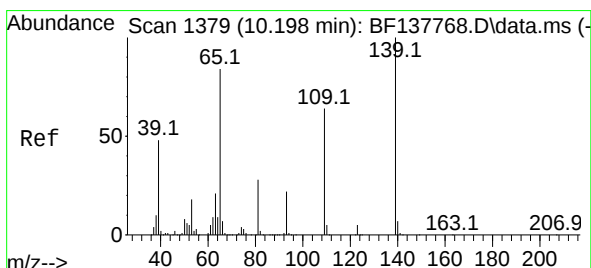
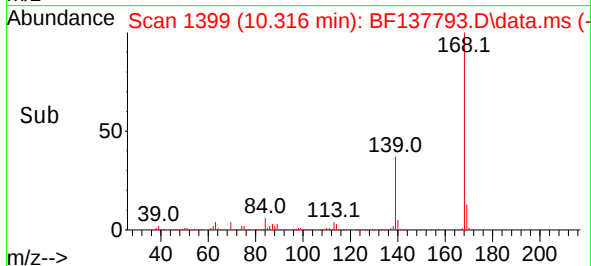
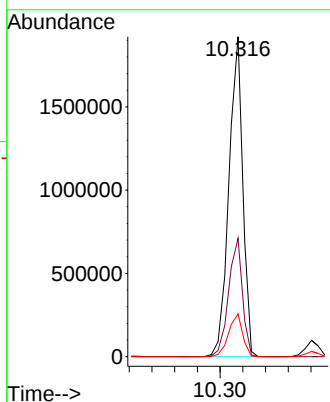
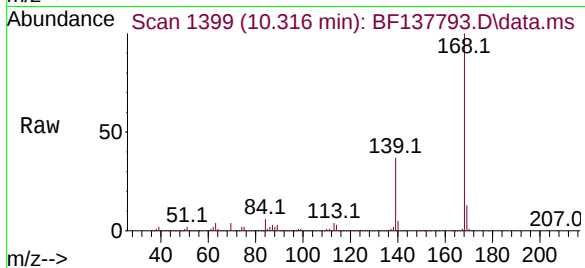
169 13.4 11.4 17.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024

Supervised By :mohammad ahmed 05/03/2024



#56

4-Nitrophenol

Concen: 26.655 ng

RT: 10.198 min Scan# 1379

Delta R.T. 0.000 min

Lab File: BF137793.D

Acq: 01 May 2024 15:51

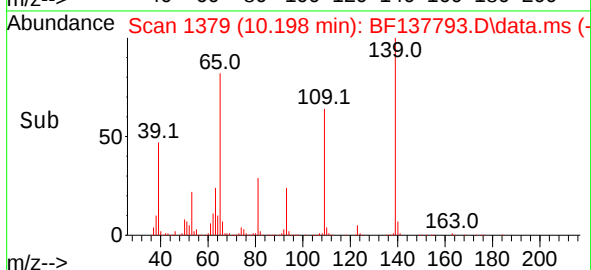
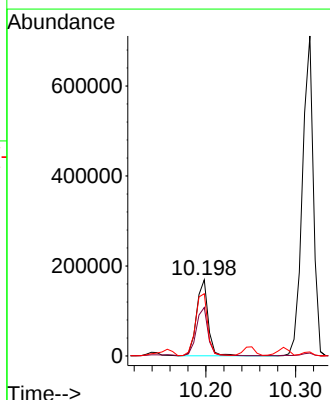
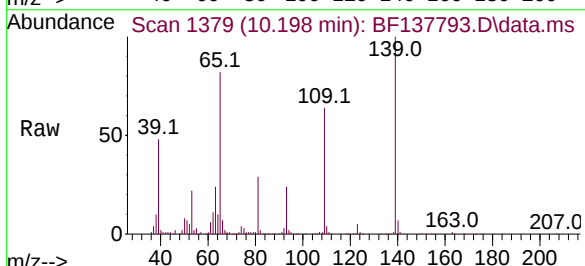
Tgt Ion:139 Resp: 151177

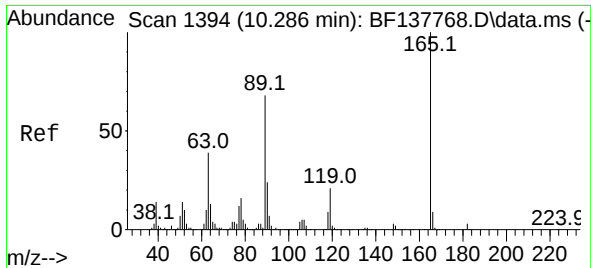
Ion Ratio Lower Upper

139 100

109 63.8 44.0 84.0

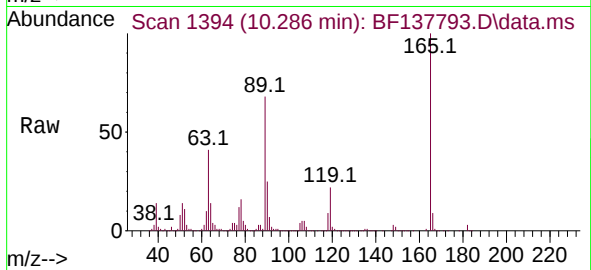
65 81.8 64.3 104.3





#57
2,4-Dinitrotoluene
Concen: 48.136 ng
RT: 10.286 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

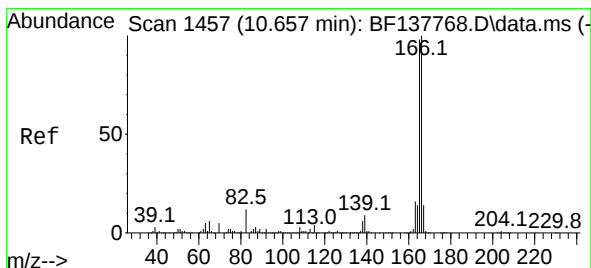
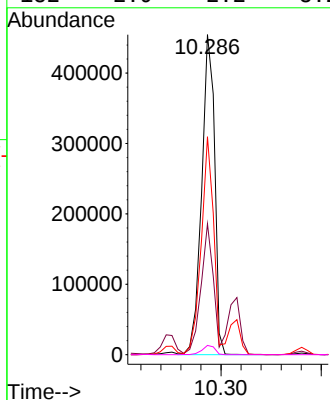
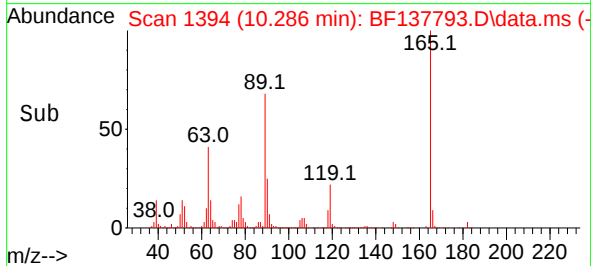
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MSD



Tgt Ion:165 Resp: 410940
Ion Ratio Lower Upper
165 100
63 40.9 31.3 46.9
89 68.1 54.2 81.4
182 2.9 2.2 3.2

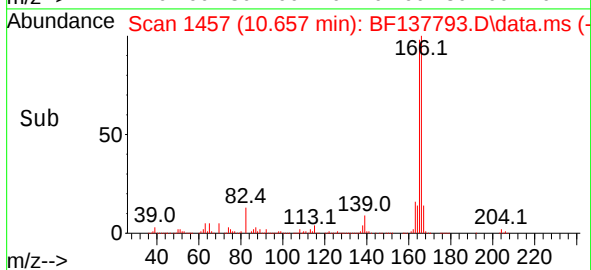
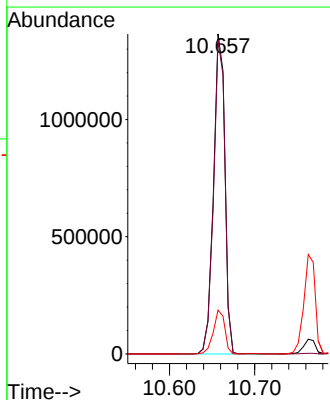
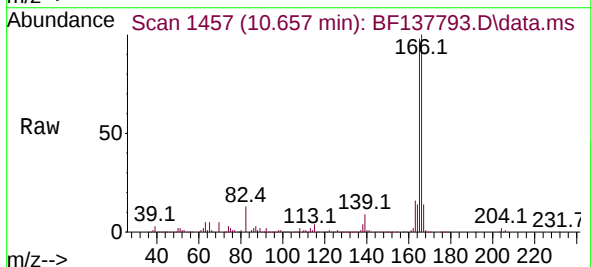
Manual Integrations
APPROVED

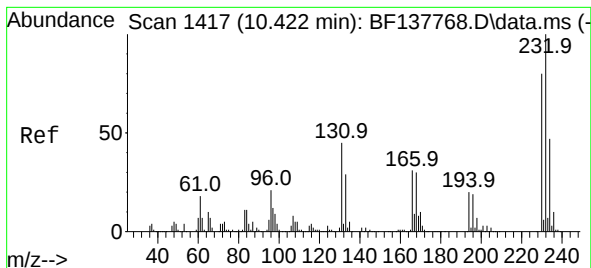
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#58
Fluorene
Concen: 45.509 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

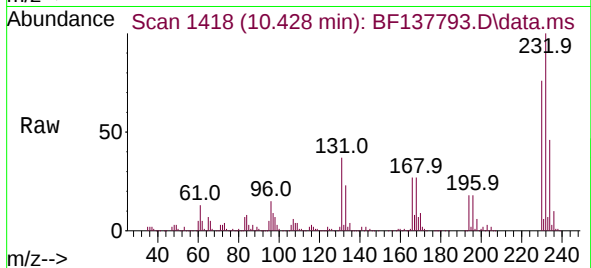
Tgt Ion:166 Resp: 1268301
Ion Ratio Lower Upper
166 100
165 98.0 78.2 117.2
167 13.7 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.742 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

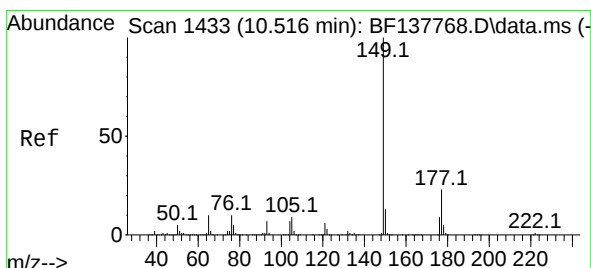
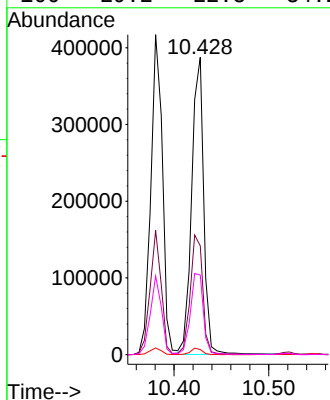
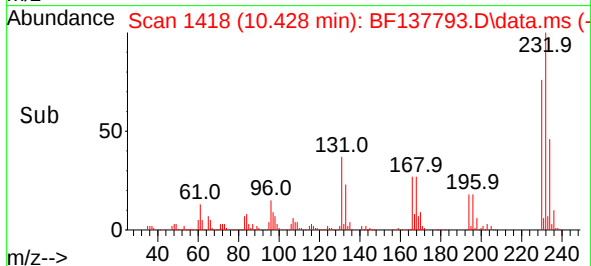
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MSD



Tgt Ion:232 Resp: 342170
Ion Ratio Lower Upper
232 100
131 41.7 33.4 50.0
130 2.1 1.7 2.5
166 29.2 22.8 34.2

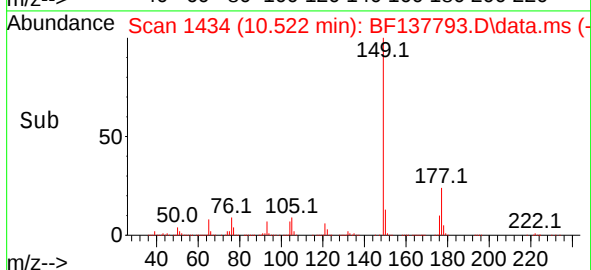
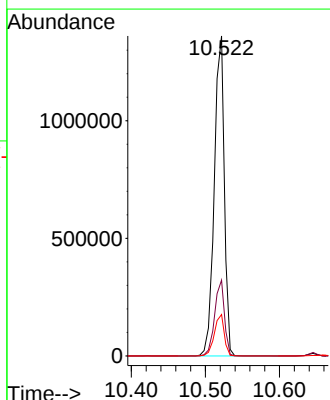
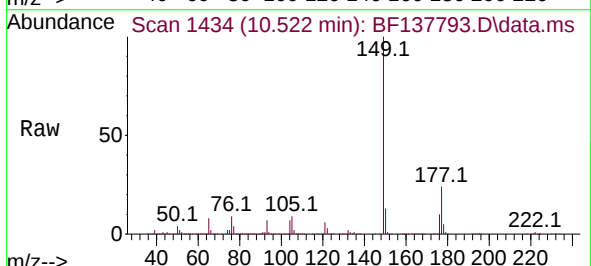
Manual Integrations
APPROVED

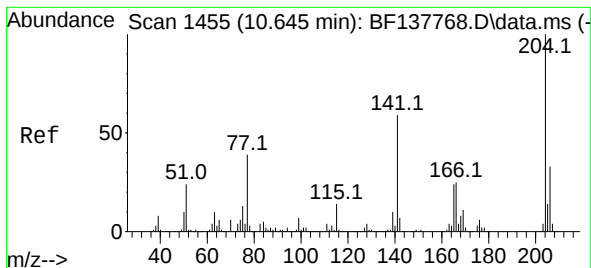
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#60
Diethylphthalate
Concen: 47.006 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

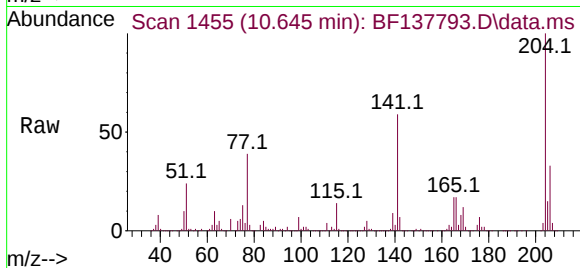
Tgt Ion:149 Resp: 1276533
Ion Ratio Lower Upper
149 100
177 23.7 18.4 27.6
150 13.0 10.5 15.7





#61
4-Chlorophenyl-phenylether
Concen: 45.599 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

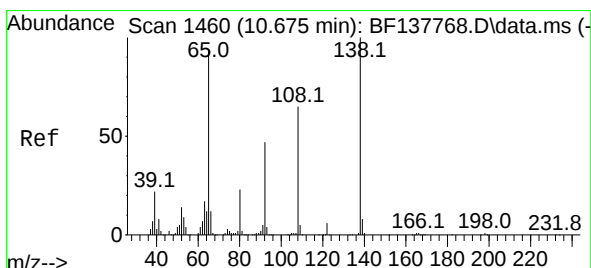
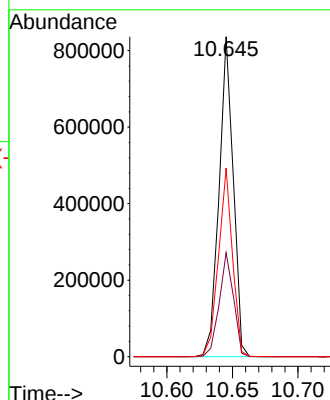
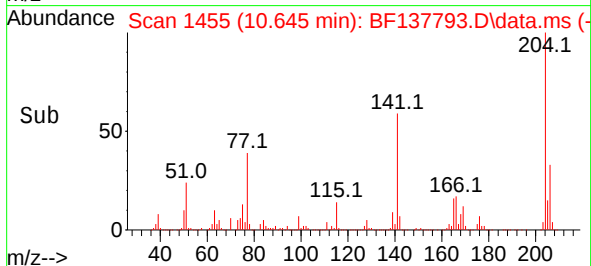
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MSD



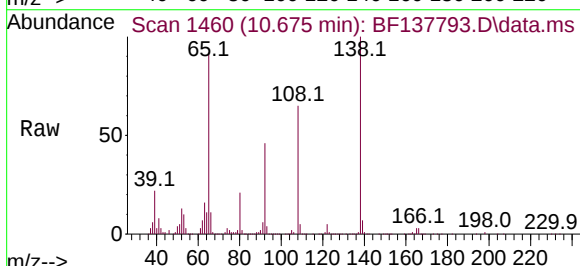
Tgt Ion:204 Resp: 626162
Ion Ratio Lower Upper
204 100
206 32.5 26.4 39.6
141 58.9 47.0 70.6

Manual Integrations
APPROVED

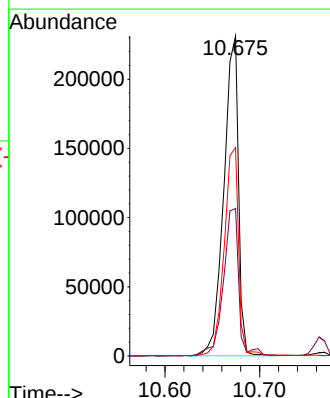
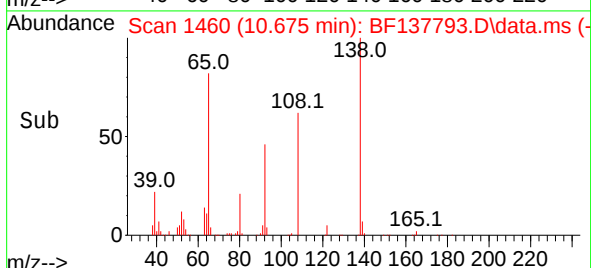
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

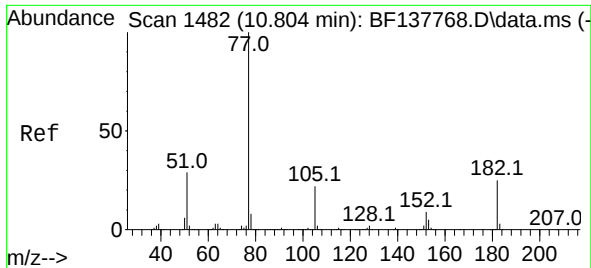


#62
4-Nitroaniline
Concen: 35.738 ng
RT: 10.675 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51



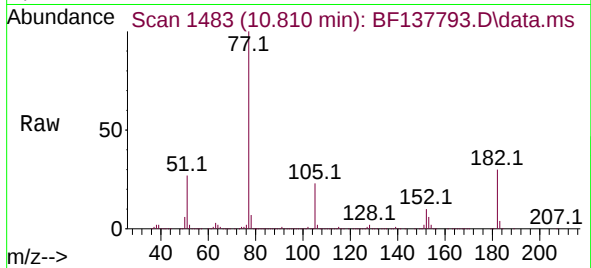
Tgt Ion:138 Resp: 248060
Ion Ratio Lower Upper
138 100
92 46.1 26.8 66.8
108 65.2 44.7 84.7





#63
Azobenzene
Concen: 46.157 ng
RT: 10.810 min Scan# 1482
Delta R.T. 0.006 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

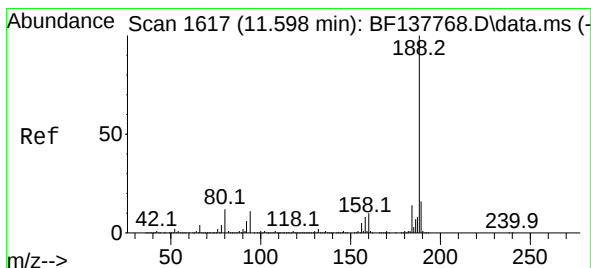
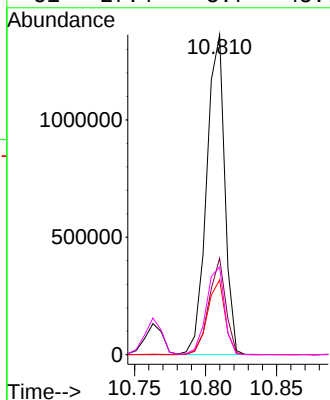
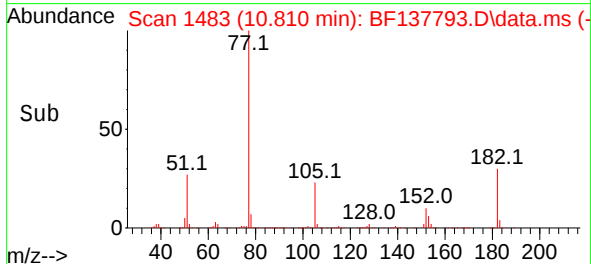
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MSD



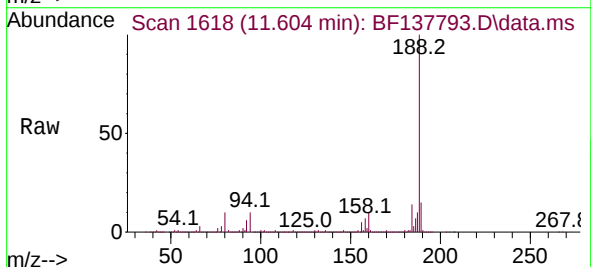
Tgt Ion: 77 Resp: 121148
Ion Ratio Lower Upper
77 100
182 30.1 5.1 45.1
105 23.4 2.2 42.2
51 27.4 8.7 48.7

Manual Integrations
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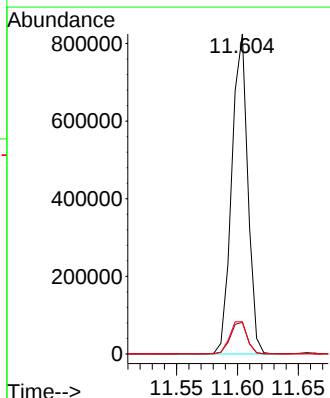
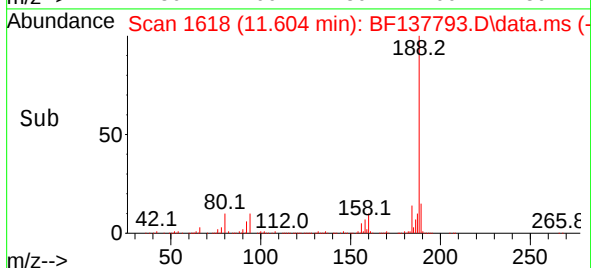
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

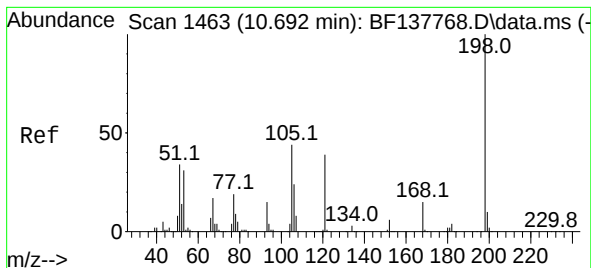


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.604 min Scan# 1618
Delta R.T. 0.006 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51



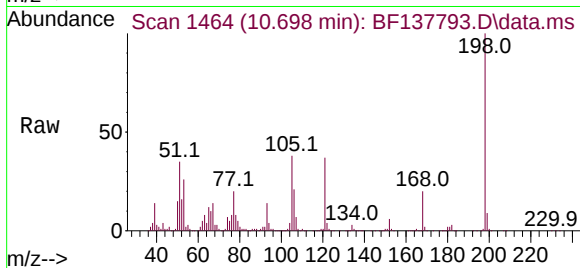
Tgt Ion:188 Resp: 754478
Ion Ratio Lower Upper
188 100
94 9.9 8.8 13.2
80 10.1 9.6 14.4





#65
4,6-Dinitro-2-methylphenol
Concen: 52.877 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

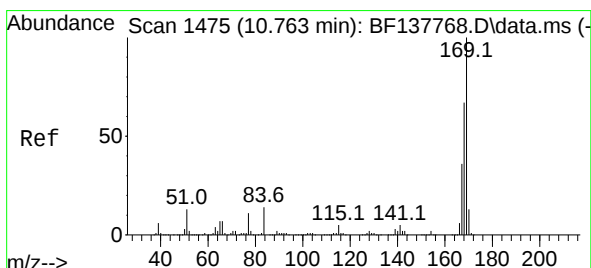
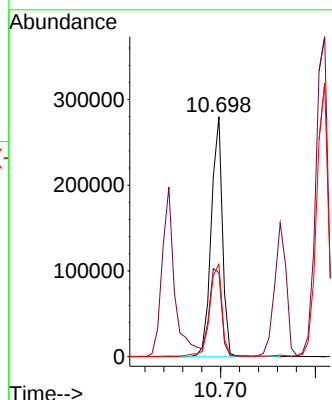
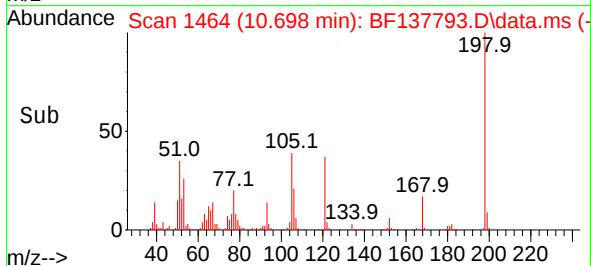
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MSD



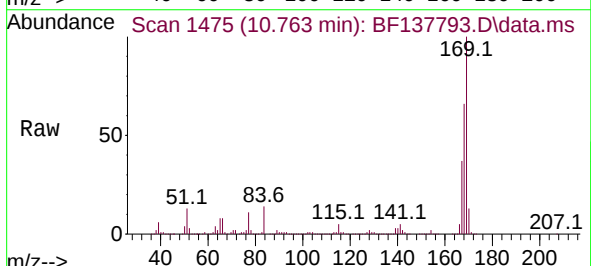
Tgt Ion:198 Resp: 228980
Ion Ratio Lower Upper
198 100
51 35.0 25.1 65.1
105 38.5 24.1 64.1

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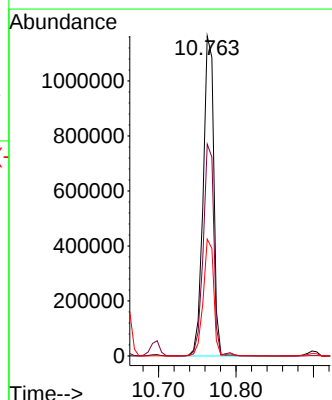
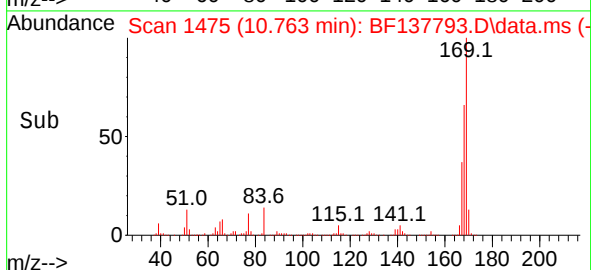
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

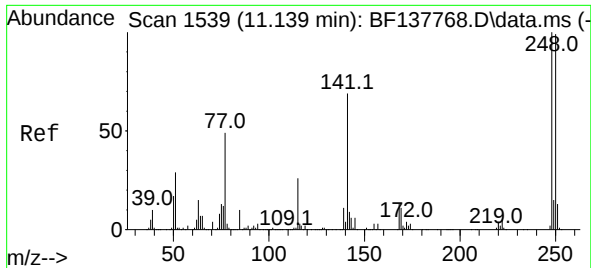


#66
n-Nitrosodiphenylamine
Concen: 48.711 ng
RT: 10.763 min Scan# 1475
Delta R.T. 0.000 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51



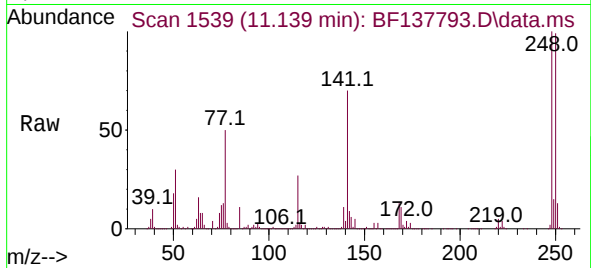
Tgt Ion:169 Resp: 1100116
Ion Ratio Lower Upper
169 100
168 66.2 53.3 79.9
167 36.5 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 48.599 ng
RT: 11.139 min Scan# 1539
Delta R.T. 0.000 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

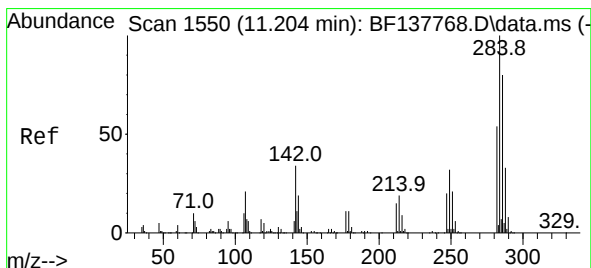
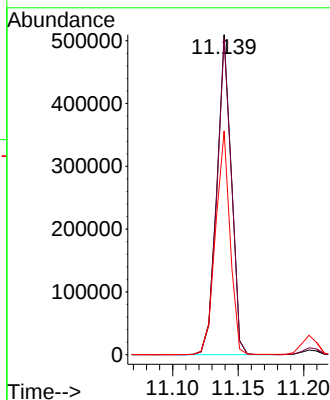
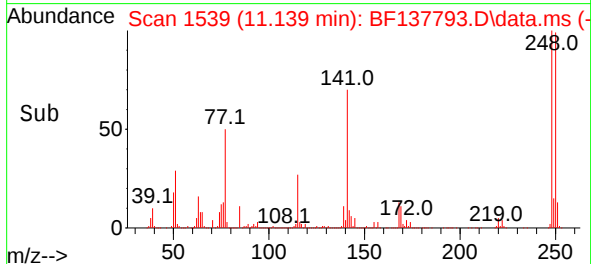
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MSD



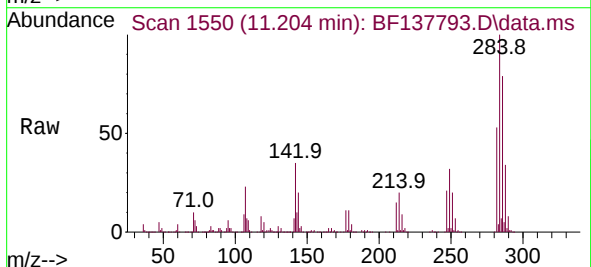
Tgt Ion:248 Resp: 392419
Ion Ratio Lower Upper
248 100
250 98.7 79.1 118.7
141 69.9 55.4 83.2

Manual Integrations
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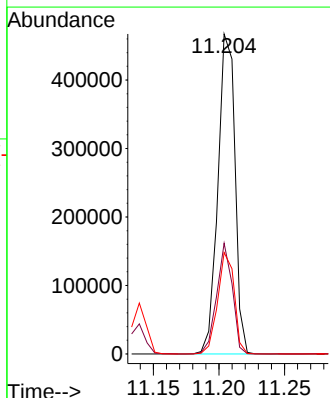
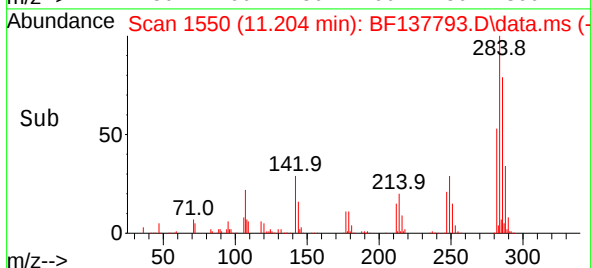
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

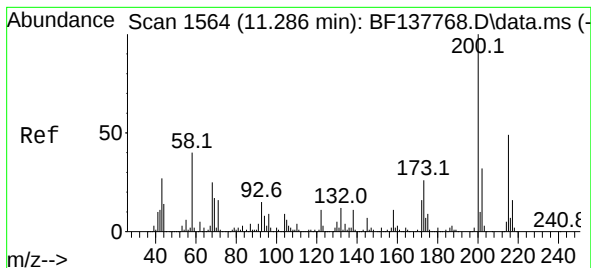


#68
Hexachlorobenzene
Concen: 47.816 ng
RT: 11.204 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51



Tgt Ion:284 Resp: 421924
Ion Ratio Lower Upper
284 100
142 34.6 27.3 40.9
249 31.7 25.6 38.4





#69

Atrazine

Concen: 51.461 ng

RT: 11.286 min Scan# 1564

Delta R.T. 0.000 min

Lab File: BF137793.D

Acq: 01 May 2024 15:51

Instrument :

BNA_F

ClientSampleId :

MW-4-20240429MSD

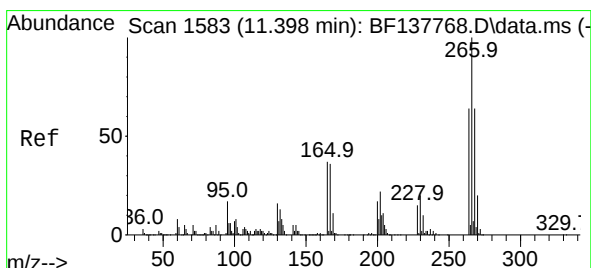
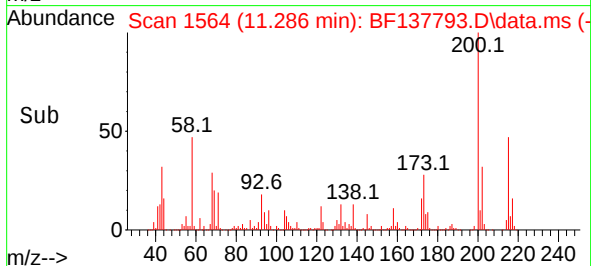
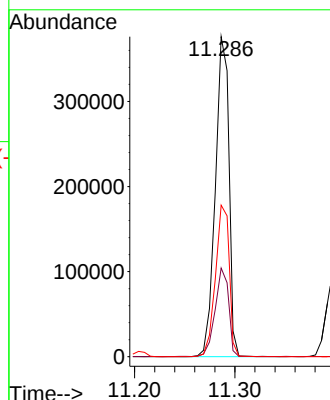
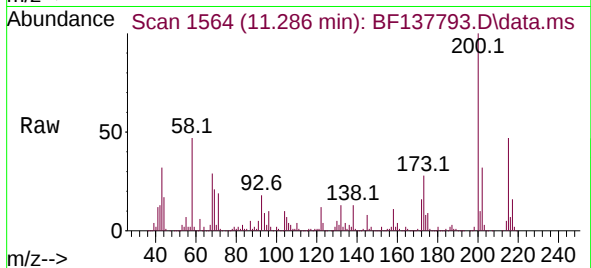
Tgt Ion:200 Resp: 354374

Ion	Ratio	Lower	Upper
200	100		
173	27.7	5.9	45.9
215	47.3	28.8	68.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#70

Pentachlorophenol

Concen: 85.866 ng

RT: 11.398 min Scan# 1583

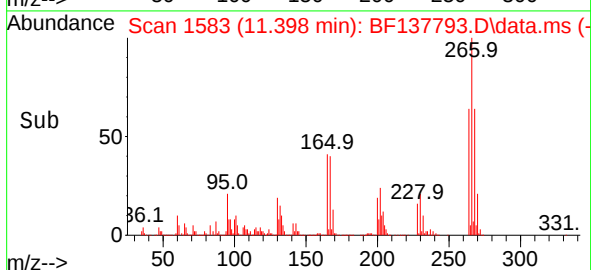
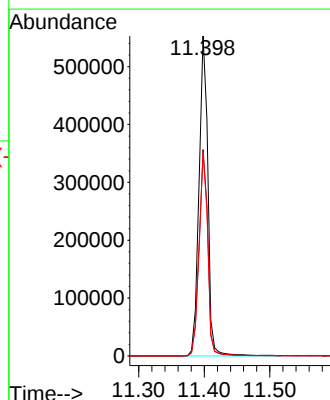
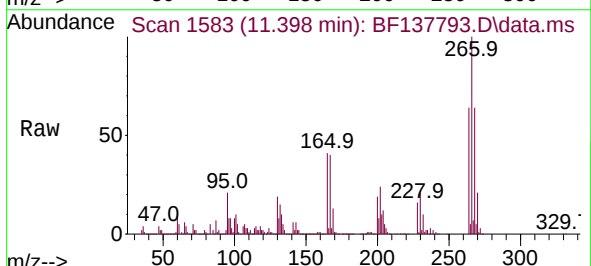
Delta R.T. 0.000 min

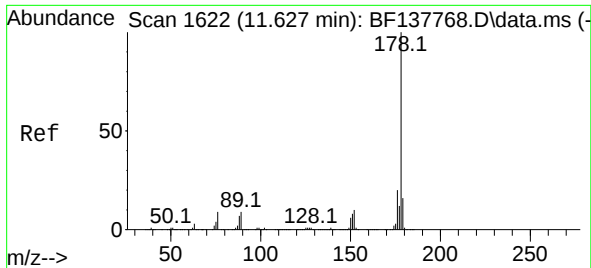
Lab File: BF137793.D

Acq: 01 May 2024 15:51

Tgt Ion:266 Resp: 520176

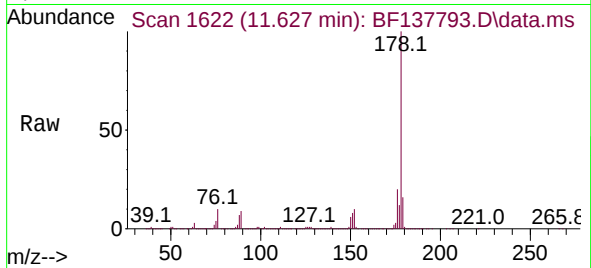
Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.3	76.9
264	63.9	51.0	76.4





#71
Phenanthrene
Concen: 47.387 ng
RT: 11.627 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

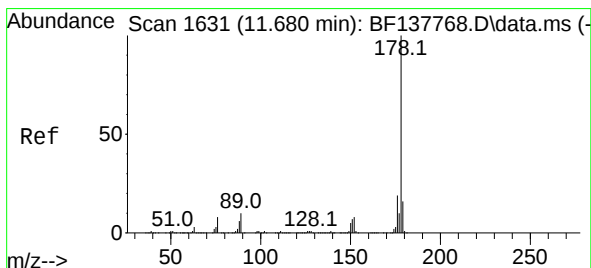
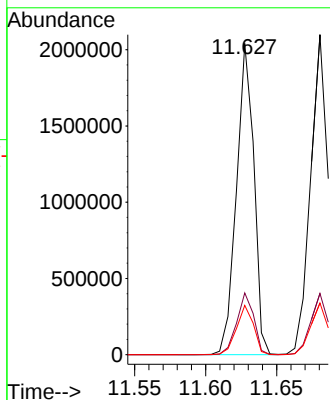
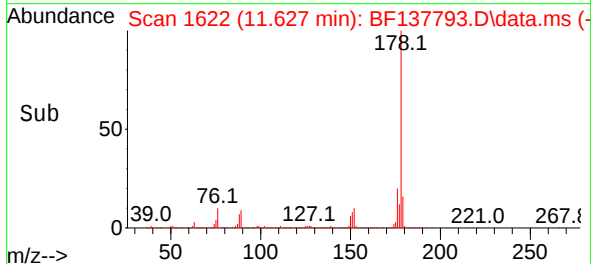
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MSD



Tgt Ion:178 Resp: 1742618
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.6
179 15.8 12.5 18.7

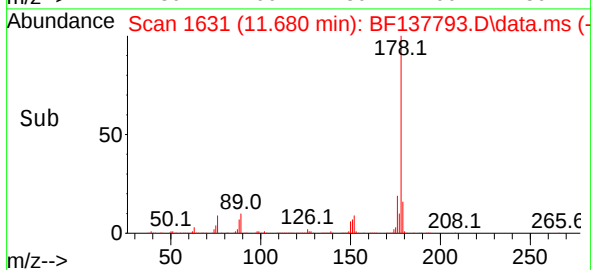
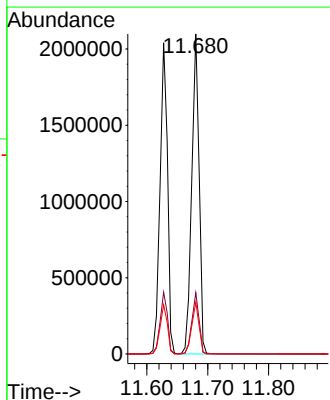
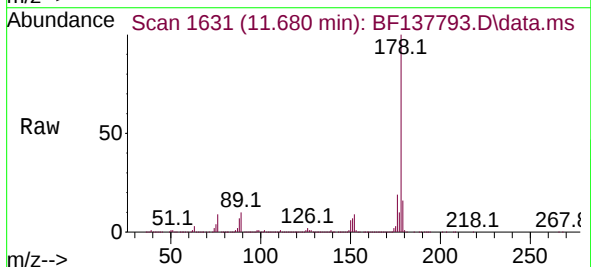
Manual Integrations
APPROVED

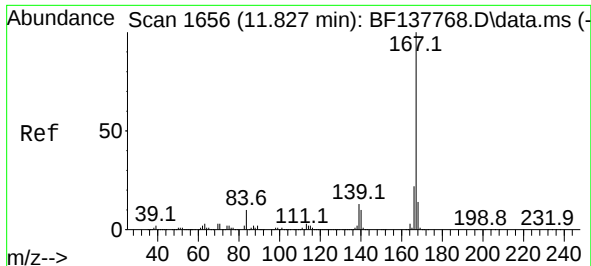
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#72
Anthracene
Concen: 48.508 ng
RT: 11.680 min Scan# 1631
Delta R.T. 0.000 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

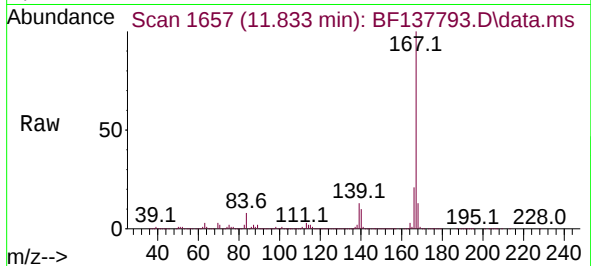
Tgt Ion:178 Resp: 1774903
Ion Ratio Lower Upper
178 100
176 19.2 15.2 22.8
179 16.2 12.6 18.8





#73
 Carbazole
 Concen: 43.230 ng
 RT: 11.833 min Scan# 1657
 Delta R.T. 0.006 min
 Lab File: BF137793.D
 Acq: 01 May 2024 15:51

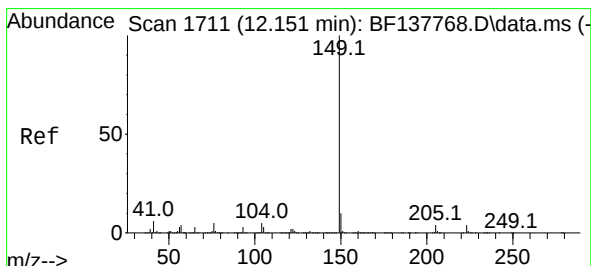
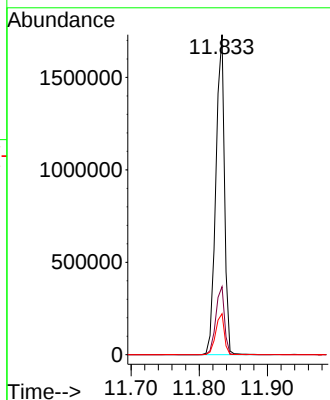
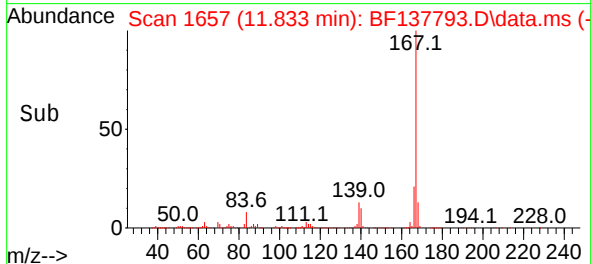
Instrument :
 BNA_F
 ClientSampleId :
 MW-4-20240429MSD



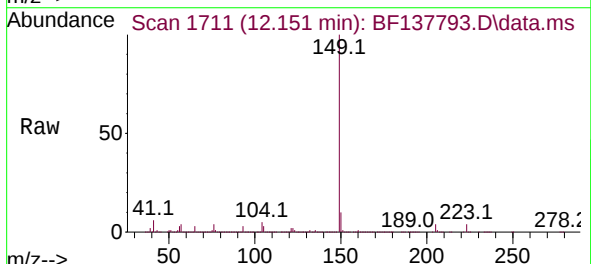
Tgt Ion:167 Resp: 1524458
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.6 26.4
 139 12.8 10.5 15.7

Manual Integrations
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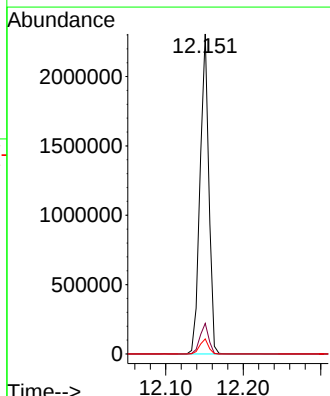
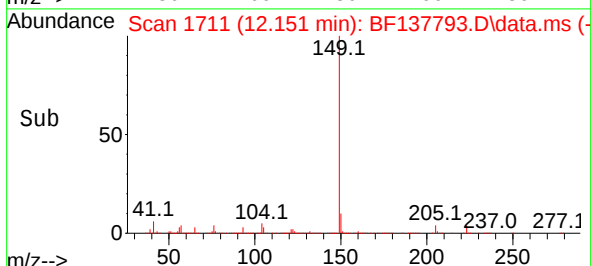
Reviewed By :Jagrut Upadhyay 05/02/2024
 Supervised By :mohammad ahmed 05/03/2024

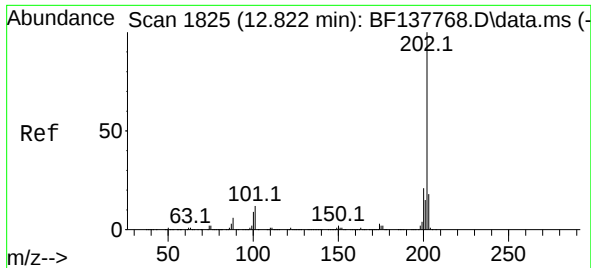


#74
 Di-n-butylphthalate
 Concen: 46.978 ng
 RT: 12.151 min Scan# 1711
 Delta R.T. 0.000 min
 Lab File: BF137793.D
 Acq: 01 May 2024 15:51



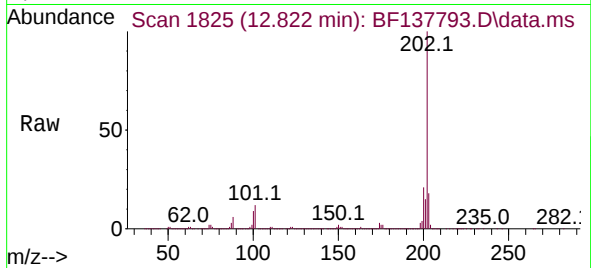
Tgt Ion:149 Resp: 1807122
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 4.7 3.8 5.8





#75
Fluoranthene
Concen: 40.594 ng
RT: 12.822 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

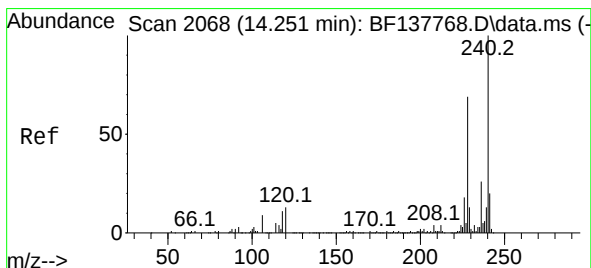
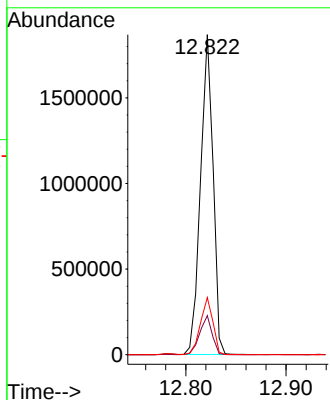
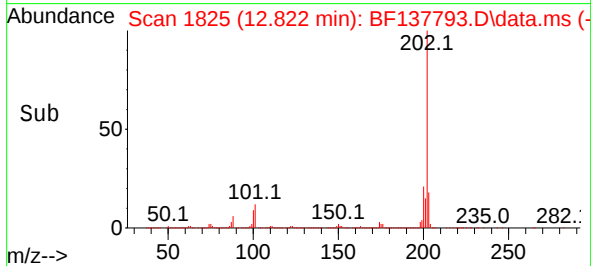
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MSD



Tgt Ion:202 Resp: 163184
Ion Ratio Lower Upper
202 100
101 12.2 0.0 31.8
203 17.9 0.0 37.8

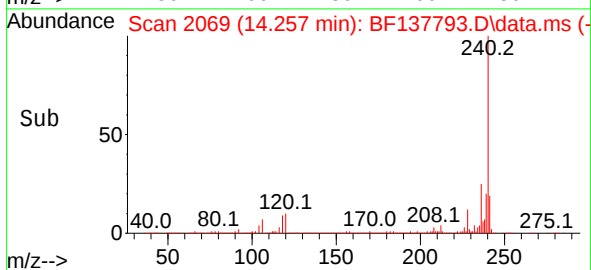
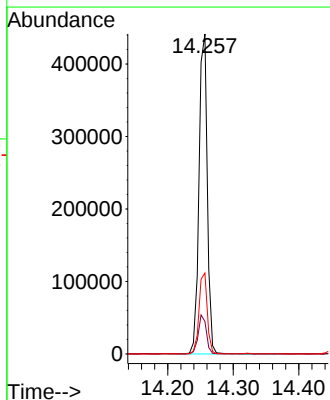
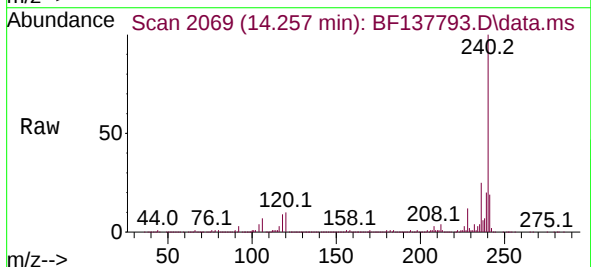
Manual Integrations
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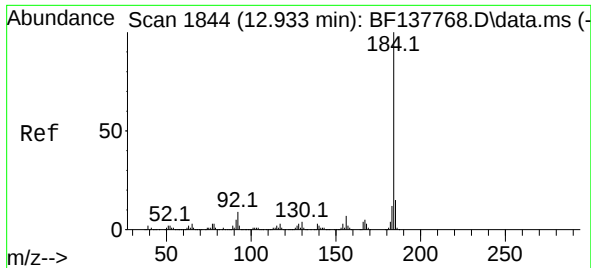
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.257 min Scan# 2069
Delta R.T. 0.006 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

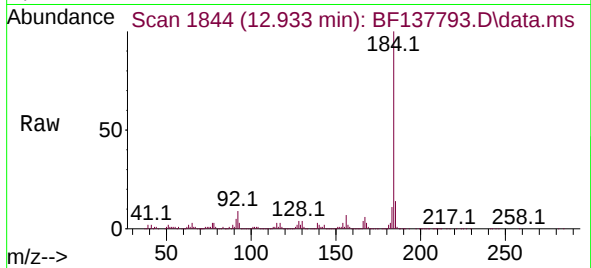
Tgt Ion:240 Resp: 389694
Ion Ratio Lower Upper
240 100
120 10.1 10.4 15.6#
236 25.3 20.4 30.6





#77
Benzidine
Concen: 22.001 ng
RT: 12.933 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

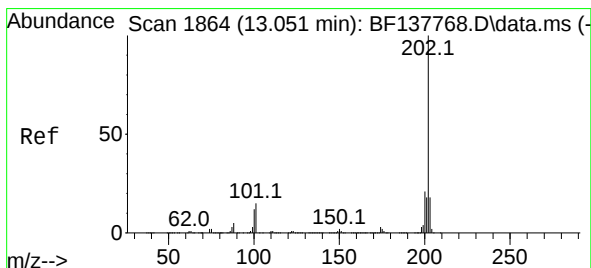
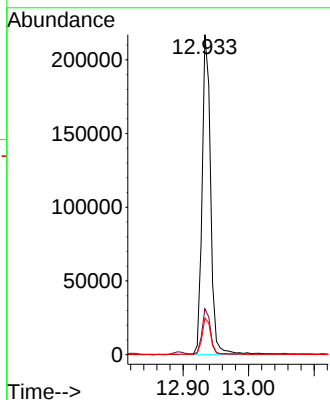
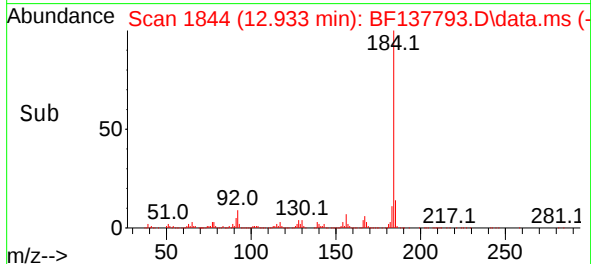
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MSD



Tgt Ion:184 Resp: 198290
Ion Ratio Lower Upper
184 100
185 14.4 12.3 18.5
183 11.4 9.2 13.8

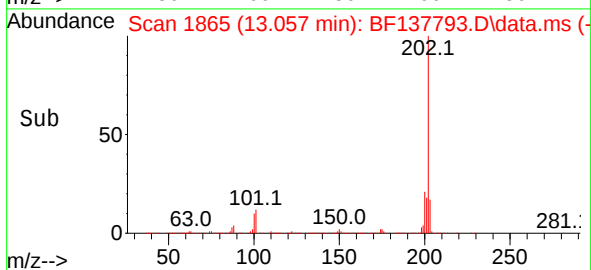
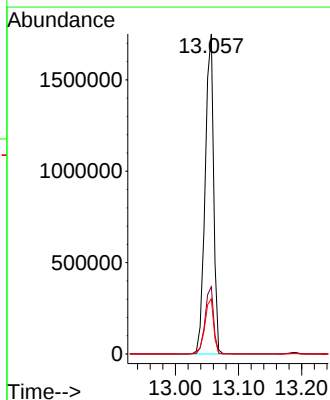
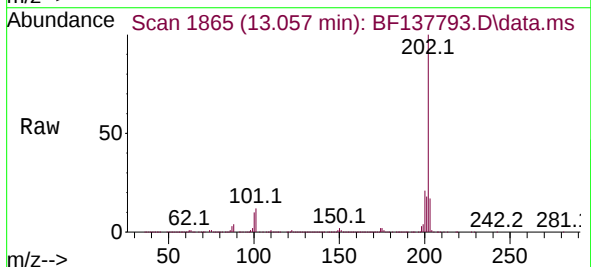
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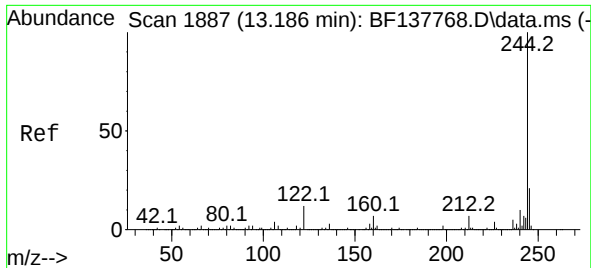
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#78
Pyrene
Concen: 53.001 ng
RT: 13.057 min Scan# 1865
Delta R.T. 0.006 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

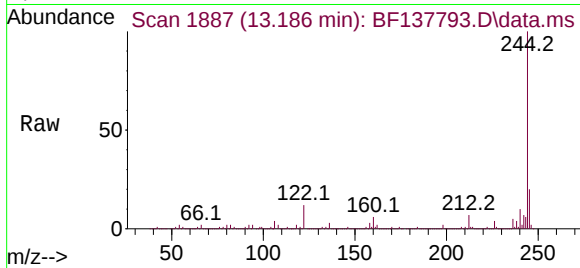
Tgt Ion:202 Resp: 1637634
Ion Ratio Lower Upper
202 100
200 21.0 17.2 25.8
203 17.3 14.4 21.6





#79
 Terphenyl-d14
 Concen: 103.167 ng
 RT: 13.186 min Scan# 1887
 Delta R.T. 0.000 min
 Lab File: BF137793.D
 Acq: 01 May 2024 15:51

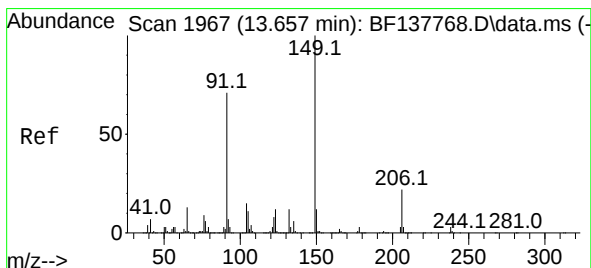
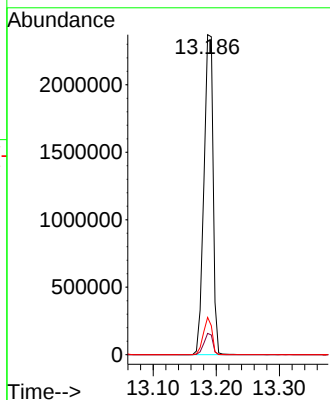
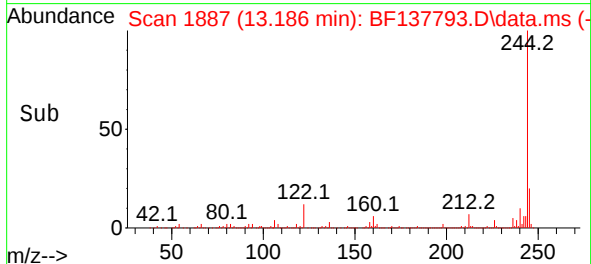
Instrument :
 BNA_F
 ClientSampleId :
 MW-4-20240429MSD



Tgt Ion:244 Resp: 239898
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.5 8.3
 122 11.6 9.4 14.2

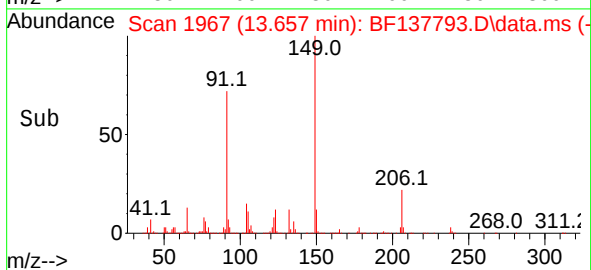
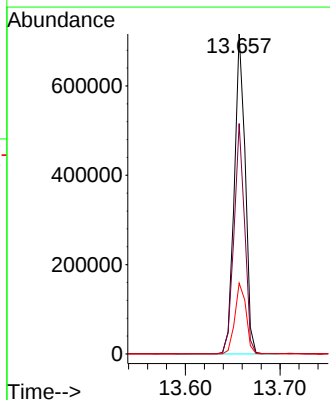
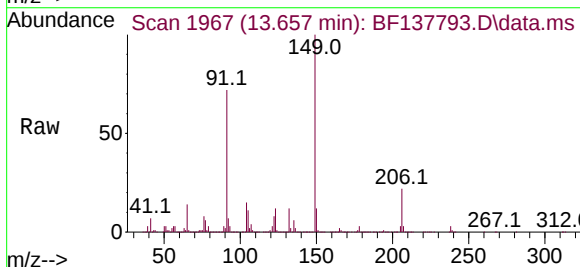
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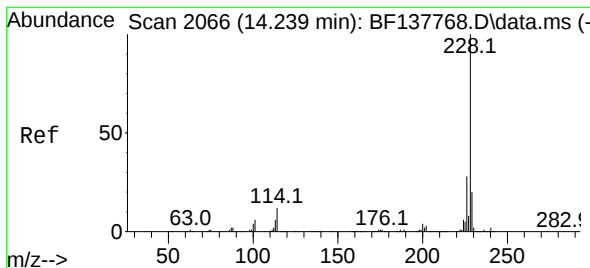
Reviewed By :Jagrut Upadhyay 05/02/2024
 Supervised By :mohammad ahmed 05/03/2024



#80
 Butylbenzylphthalate
 Concen: 58.151 ng
 RT: 13.657 min Scan# 1967
 Delta R.T. 0.000 min
 Lab File: BF137793.D
 Acq: 01 May 2024 15:51

Tgt Ion:149 Resp: 570078
 Ion Ratio Lower Upper
 149 100
 91 72.0 56.8 85.2
 206 22.1 17.8 26.8





#81

Benzo(a)anthracene

Concen: 49.459 ng

RT: 14.245 min Scan# 2067

Delta R.T. 0.006 min

Lab File: BF137793.D

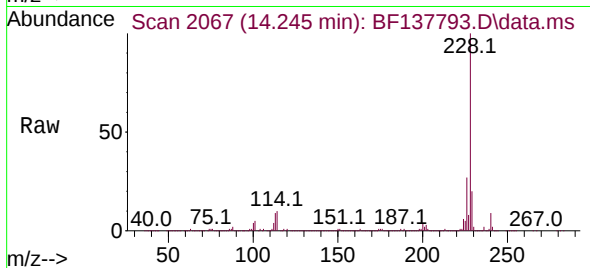
Acq: 01 May 2024 15:51

Instrument :

BNA_F

ClientSampleId :

MW-4-20240429MSD



Tgt Ion:228 Resp: 1232740

Ion Ratio Lower Upper

228 100

226 27.5 22.2 33.2

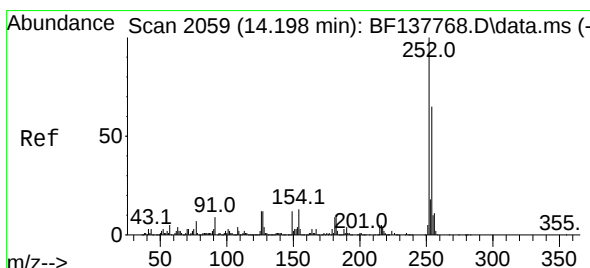
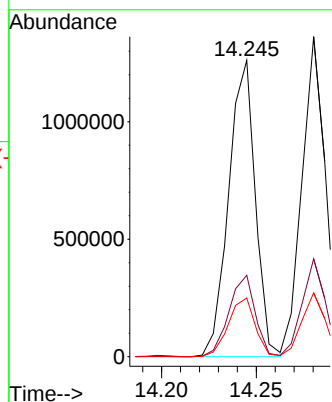
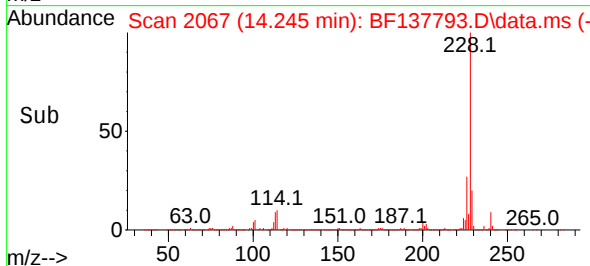
229 19.8 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024

Supervised By :mohammad ahmed 05/03/2024



#82

3,3'-Dichlorobenzidine

Concen: 31.355 ng

RT: 14.198 min Scan# 2059

Delta R.T. 0.000 min

Lab File: BF137793.D

Acq: 01 May 2024 15:51

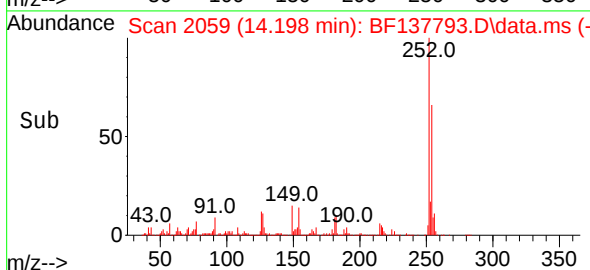
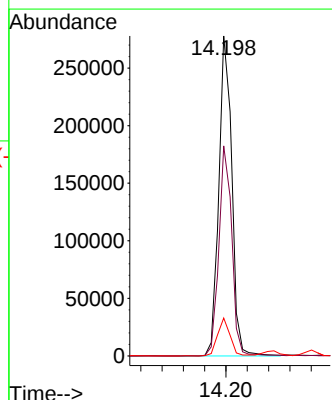
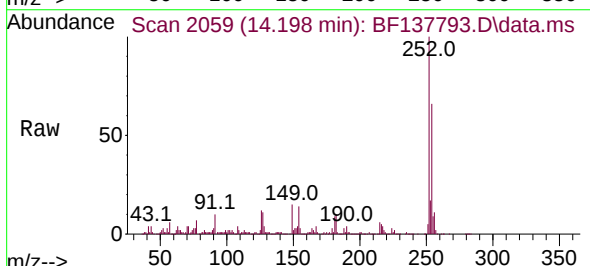
Tgt Ion:252 Resp: 233956

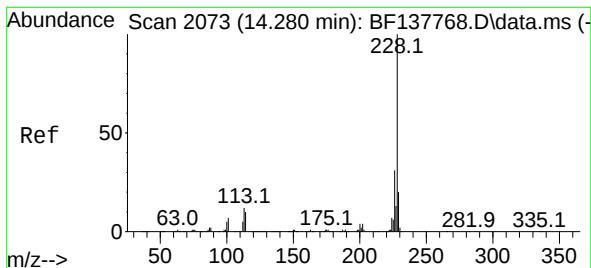
Ion Ratio Lower Upper

252 100

254 65.6 51.7 77.5

126 11.9 9.7 14.5





#83

Chrysene

Concen: 49.367 ng

RT: 14.280 min Scan# 2073

Delta R.T. 0.000 min

Lab File: BF137793.D

Acq: 01 May 2024 15:51

Instrument :

BNA_F

ClientSampleId :

MW-4-20240429MSD

Tgt Ion:228 Resp: 1152114

Ion Ratio Lower Upper

228 100

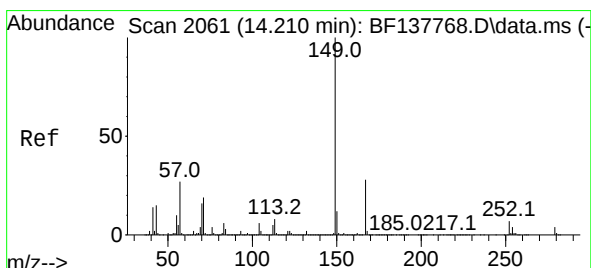
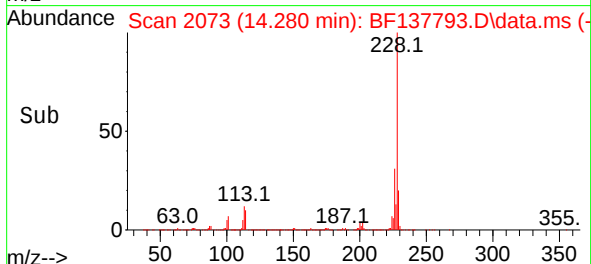
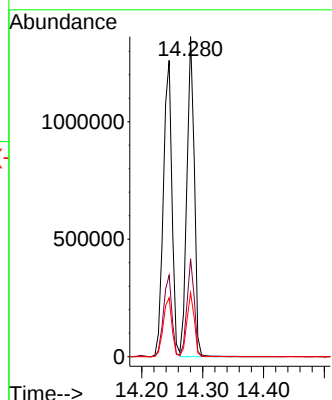
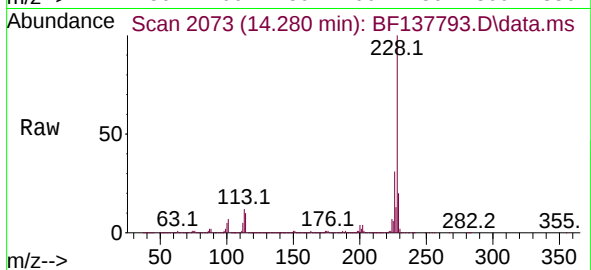
226 30.6 24.8 37.2

229 20.0 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.326 ng

RT: 14.210 min Scan# 2061

Delta R.T. 0.000 min

Lab File: BF137793.D

Acq: 01 May 2024 15:51

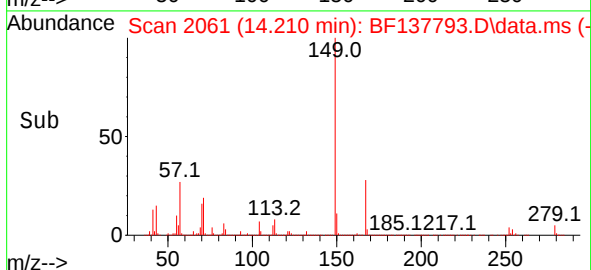
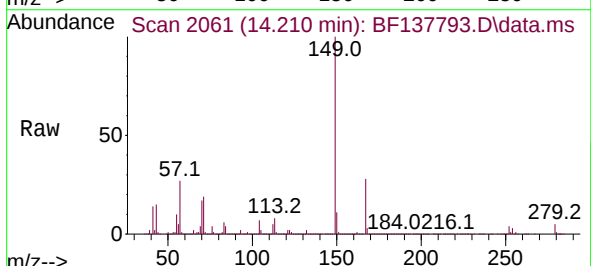
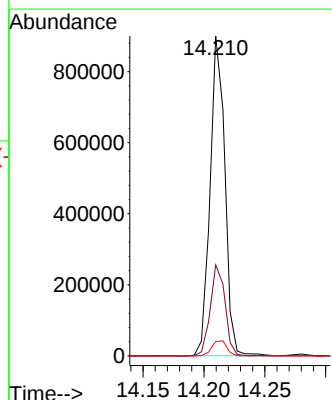
Tgt Ion:149 Resp: 757686

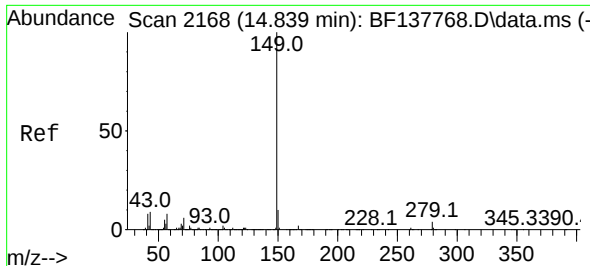
Ion Ratio Lower Upper

149 100

167 28.5 22.4 33.6

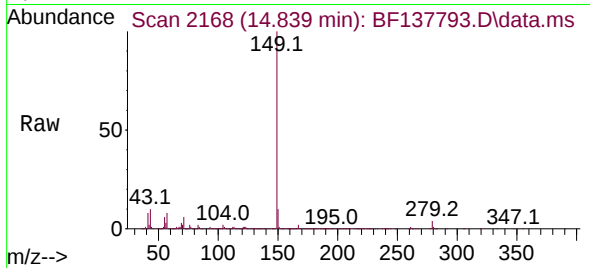
279 4.6 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 72.371 ng
RT: 14.839 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

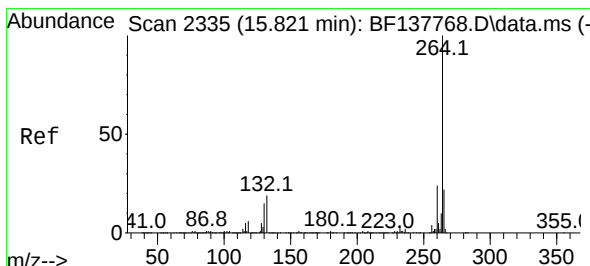
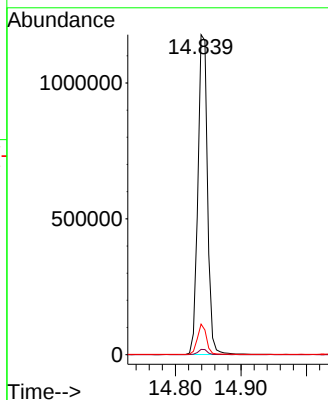
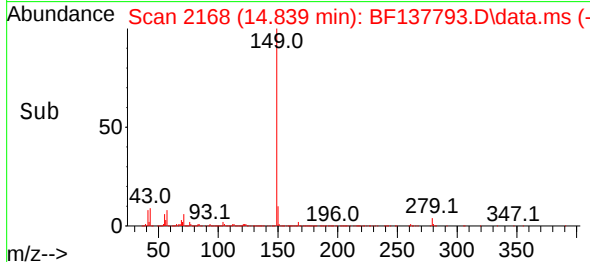
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MSD



Tgt Ion:149 Resp: 1203349
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 8.9 7.5 11.3

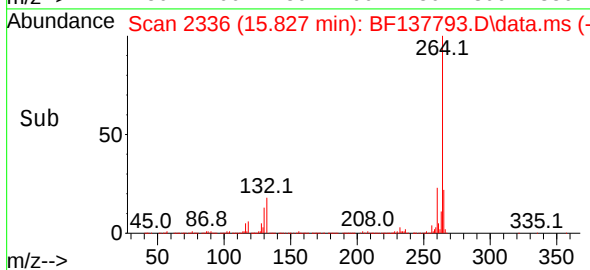
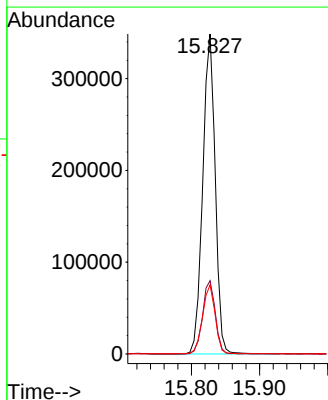
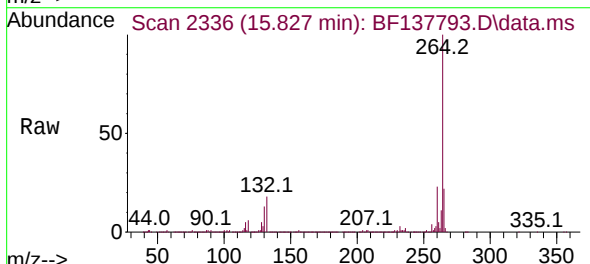
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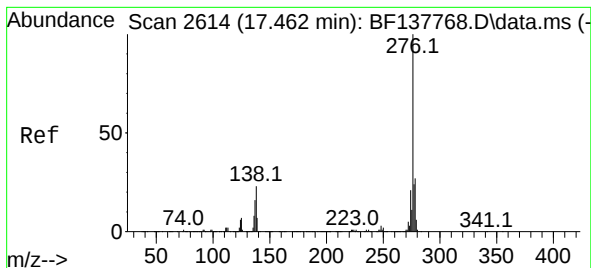
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.827 min Scan# 2336
Delta R.T. 0.006 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

Tgt Ion:264 Resp: 443643
Ion Ratio Lower Upper
264 100
260 22.9 18.9 28.3
265 21.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.845 ng

RT: 17.474 min Scan# 2616

Delta R.T. 0.012 min

Lab File: BF137793.D

Acq: 01 May 2024 15:51

Instrument :

BNA_F

ClientSampleId :

MW-4-20240429MSD

Tgt Ion:276 Resp: 1332870

Ion Ratio Lower Upper

276 100

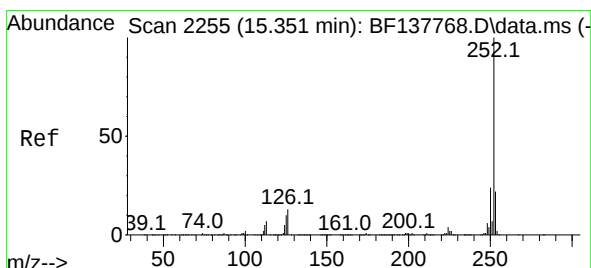
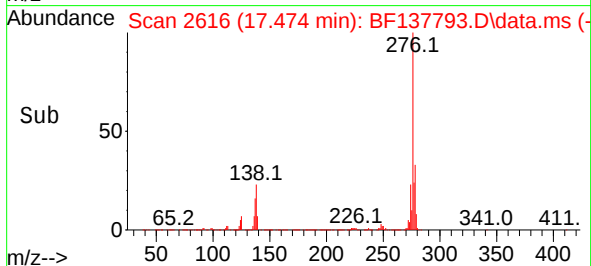
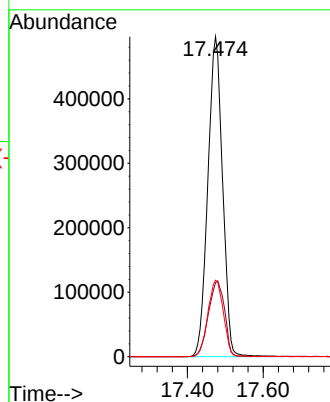
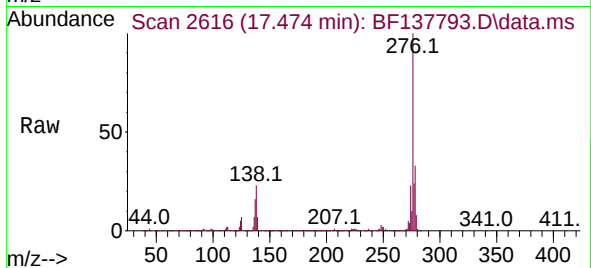
138 26.1 21.4 32.0

277 25.2 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#88

Benzo(b)fluoranthene

Concen: 43.579 ng

RT: 15.351 min Scan# 2255

Delta R.T. 0.000 min

Lab File: BF137793.D

Acq: 01 May 2024 15:51

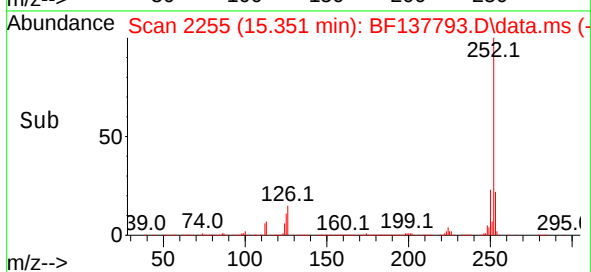
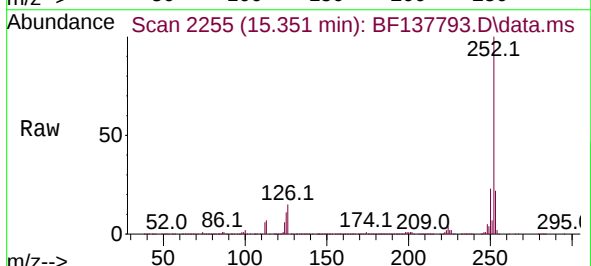
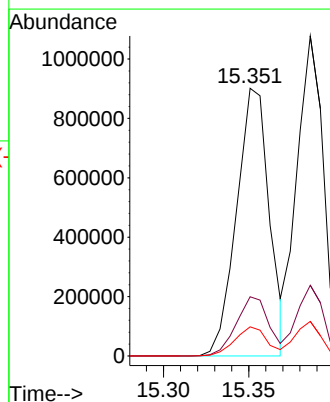
Tgt Ion:252 Resp: 1202882

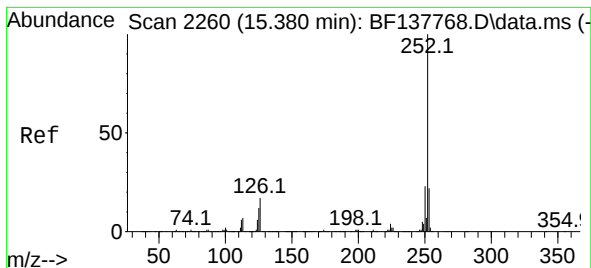
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 10.9 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 43.814 ng

RT: 15.386 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137793.D

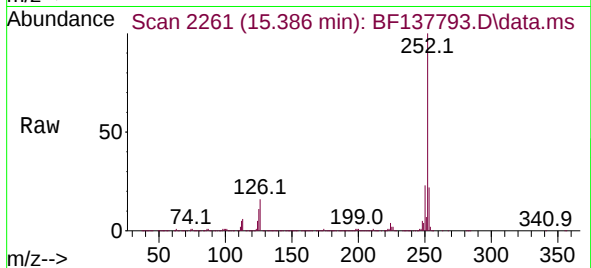
Acq: 01 May 2024 15:51

Instrument :

BNA_F

ClientSampleId :

MW-4-20240429MSD



Tgt Ion:252 Resp: 116889

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

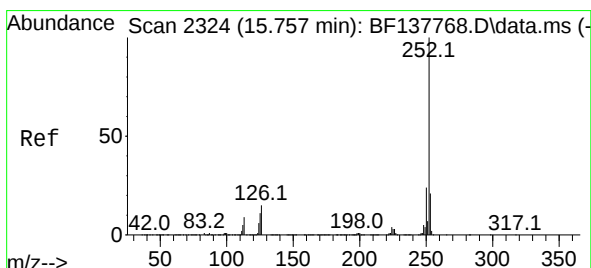
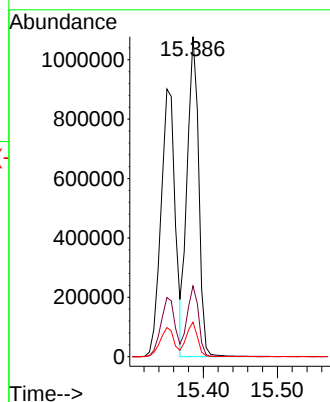
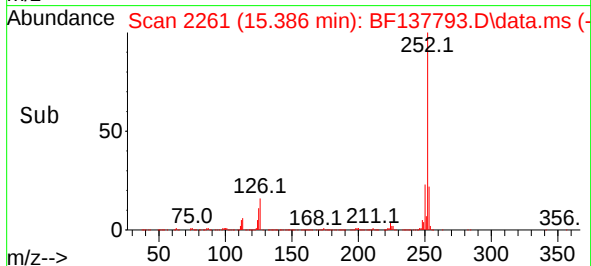
125 10.8 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024

Supervised By :mohammad ahmed 05/03/2024



#90

Benzo(a)pyrene

Concen: 50.183 ng

RT: 15.762 min Scan# 2325

Delta R.T. 0.006 min

Lab File: BF137793.D

Acq: 01 May 2024 15:51

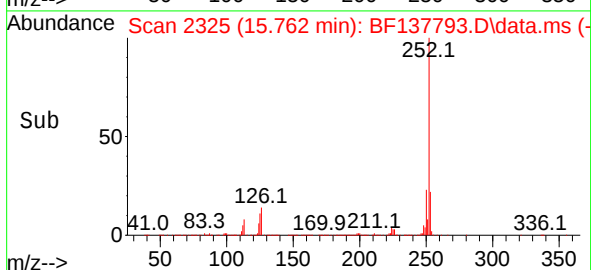
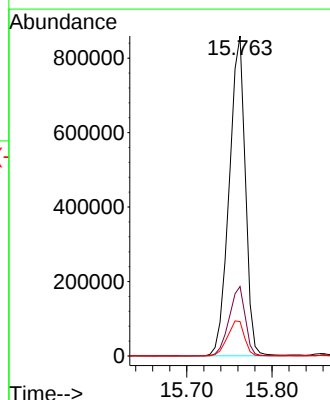
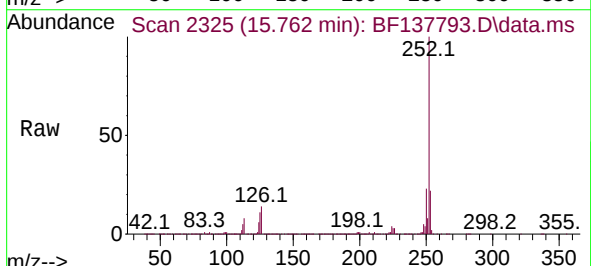
Tgt Ion:252 Resp: 1130049

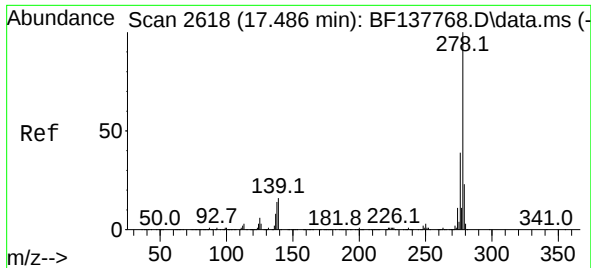
Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

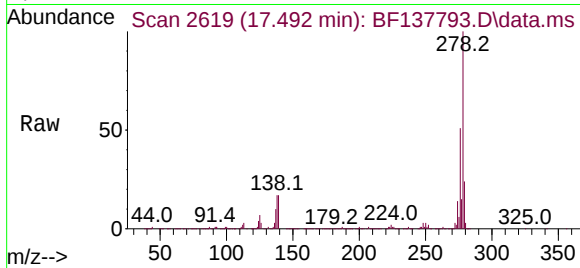
125 10.8 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 51.174 ng
RT: 17.492 min Scan# 2702
Delta R.T. 0.006 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

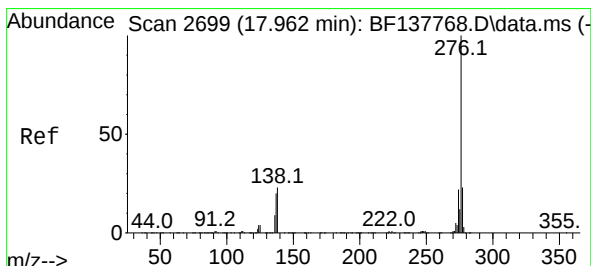
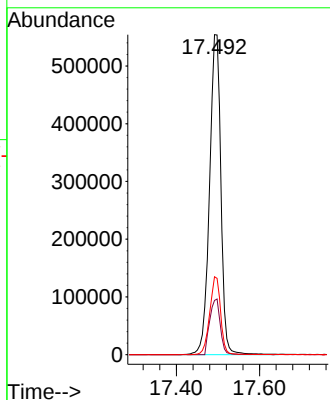
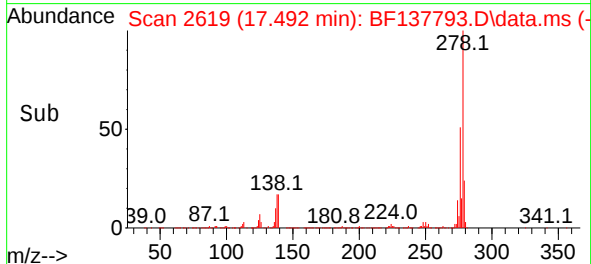
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MSD



Tgt Ion:278 Resp: 1050615
Ion Ratio Lower Upper
278 100
139 17.0 13.0 19.6
279 24.4 18.7 28.1

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#92
Benzo(g,h,i)perylene
Concen: 48.025 ng
RT: 17.980 min Scan# 2702
Delta R.T. 0.018 min
Lab File: BF137793.D
Acq: 01 May 2024 15:51

Tgt Ion:276 Resp: 1033600
Ion Ratio Lower Upper
276 100
277 23.4 18.0 27.0
138 22.8 18.1 27.1

