

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060724\
 Data File : BF138155.D
 Acq On : 07 Jun 2024 12:33
 Operator : CG\JU
 Sample : PB161349BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161349BS

Quant Time: Jun 07 13:28:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 06 05:19:29 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/10/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	452022	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	1776515	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	997031	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	1694084	20.000	ng	0.00
76) Chrysene-d12	14.068	240	904477	20.000	ng	0.00
86) Perylene-d12	15.545	264	807662	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	3221852	121.472	ng	0.02
7) Phenol-d6	6.539	99	4110043	122.475	ng	0.00
23) Nitrobenzene-d5	7.475	82	2530215	96.903	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	1285728	133.998	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	4711425	82.626	ng	0.00
79) Terphenyl-d14	13.021	244	5028873	83.162	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.845	88	408950	33.641	ng	97
3) Pyridine	3.581	79	1021665	34.299	ng	97
4) n-Nitrosodimethylamine	3.545	42	611391	41.810	ng	93
6) Aniline	6.569	93	954692	28.058	ng	98
8) 2-Chlorophenol	6.692	128	1361578	47.451	ng	97
9) Benzaldehyde	6.457	77	787405	50.446	ng	98
10) Phenol	6.551	94	1574204m	45.659	ng	
11) bis(2-Chloroethyl)ether	6.645	93	1219206	44.111	ng	98
12) 1,3-Dichlorobenzene	6.851	146	1391658	42.329	ng	98
13) 1,4-Dichlorobenzene	6.928	146	1410958	42.612	ng	99
14) 1,2-Dichlorobenzene	7.075	146	1363441	43.867	ng	99
15) Benzyl Alcohol	7.051	79	1064023	44.811	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1752765	43.197	ng	96
17) 2-Methylphenol	7.157	107	1049334	45.181	ng	98
18) Hexachloroethane	7.422	117	498359	44.097	ng	95
19) n-Nitroso-di-n-propyla...	7.328	70	908058	42.437	ng	95
20) 3+4-Methylphenols	7.310	107	1292387	44.719	ng	95
22) Acetophenone	7.322	105	1736063	42.448	ng	98
24) Nitrobenzene	7.492	77	1321887	46.473	ng	98
25) Isophorone	7.728	82	2481903	43.146	ng	99
26) 2-Nitrophenol	7.804	139	671483	54.108	ng	98
27) 2,4-Dimethylphenol	7.839	122	1002707	50.183	ng	99
28) bis(2-Chloroethoxy)met...	7.939	93	1537724	43.886	ng	99
29) 2,4-Dichlorophenol	8.045	162	1166900	48.455	ng	98
30) 1,2,4-Trichlorobenzene	8.127	180	1266661	43.592	ng	99
31) Naphthalene	8.216	128	3651220	42.492	ng	99
32) Benzoic acid	7.975	122	835675	52.655	ng	98
33) 4-Chloroaniline	8.257	127	589220	18.245	ng	98
34) Hexachlorobutadiene	8.327	225	723641	42.380	ng	98
35) Caprolactam	8.633	113	362001m	45.018	ng	
36) 4-Chloro-3-methylphenol	8.739	107	1137046	46.075	ng	97
37) 2-Methylnaphthalene	8.904	142	2481466	42.839	ng	99
38) 1-Methylnaphthalene	9.004	142	2331892	41.115	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	1269569	45.102	ng	99
41) Hexachlorocyclopentadiene	9.057	237	1163263	125.183	ng	99
43) 2,4,6-Trichlorophenol	9.180	196	863465	50.523	ng	99

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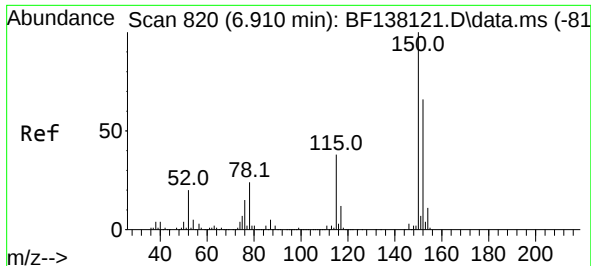
Manual Integrations
 APPROVED

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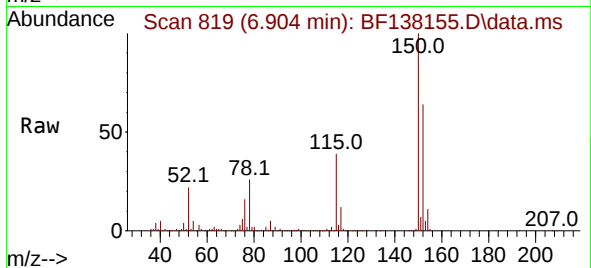
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	925128	49.124	ng	97
46) 1,1'-Biphenyl	9.369	154	3072829	43.876	ng	100
47) 2-Chloronaphthalene	9.392	162	2420786	43.373	ng	100
48) 2-Nitroaniline	9.486	65	670827	48.333	ng	99
49) Acenaphthylene	9.810	152	3651579	46.233	ng	98
50) Dimethylphthalate	9.669	163	2797438	44.653	ng	99
51) 2,6-Dinitrotoluene	9.727	165	650412	47.847	ng	98
52) Acenaphthene	9.980	154	2510092	47.036	ng	99
53) 3-Nitroaniline	9.898	138	440628	33.335	ng	98
54) 2,4-Dinitrophenol	10.004	184	558473	94.904	ng	99
55) Dibenzofuran	10.151	168	3350149	44.383	ng	99
56) 4-Nitrophenol	10.057	139	985376	103.412	ng	99
57) 2,4-Dinitrotoluene	10.133	165	826506	50.772	ng	91
58) Fluorene	10.498	166	2526653	42.143	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.269	232	774420	52.135	ng	98
60) Diethylphthalate	10.369	149	2689465	43.976	ng	99
61) 4-Chlorophenyl-phenyle...	10.486	204	1299875	42.677	ng	100
62) 4-Nitroaniline	10.516	138	569678	48.717	ng	96
63) Azobenzene	10.645	77	2551129	43.309	ng	99
65) 4,6-Dinitro-2-methylph...	10.539	198	382818	56.653	ng	89
66) n-Nitrosodiphenylamine	10.610	169	2349378	46.440	ng	100
67) 4-Bromophenyl-phenylether	10.980	248	906305	46.985	ng	# 91
68) Hexachlorobenzene	11.039	284	1019931	45.482	ng	99
69) Atrazine	11.133	200	806333	49.540	ng	99
70) Pentachlorophenol	11.233	266	1176690	98.022	ng	99
71) Phenanthrene	11.457	178	3665981	44.952	ng	99
72) Anthracene	11.510	178	3638834	44.736	ng	99
73) Carbazole	11.663	167	3154867	42.411	ng	100
74) Di-n-butylphthalate	11.992	149	3812870	43.608	ng	100
75) Fluoranthene	12.645	202	3630922	41.263	ng	100
77) Benzidine	12.762	184	122927	13.207	ng	99
78) Pyrene	12.874	202	3620562	44.262	ng	100
80) Butylbenzylphthalate	13.492	149	1353430	50.107	ng	96
81) Benzo(a)anthracene	14.057	228	2576192	45.145	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	568936	39.336	ng	99
83) Chrysene	14.098	228	2522694	46.064	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	1786477	45.396	ng	99
85) Di-n-octyl phthalate	14.668	149	2652365	48.965	ng	98
87) Indeno(1,2,3-cd)pyrene	17.039	276	2276907	51.505	ng	99
88) Benzo(b)fluoranthene	15.115	252	2317585	45.645	ng	99
89) Benzo(k)fluoranthene	15.145	252	2356760	48.674	ng	99
90) Benzo(a)pyrene	15.486	252	2028283	52.746	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	1829173	51.700	ng	100
92) Benzo(g,h,i)perylene	17.497	276	1826782	49.894	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

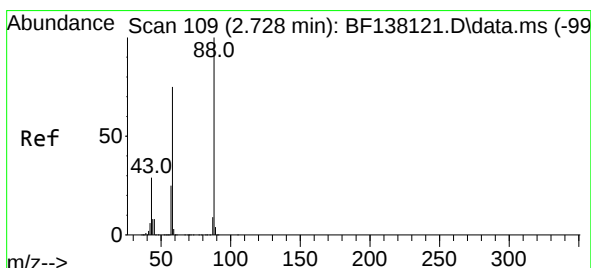
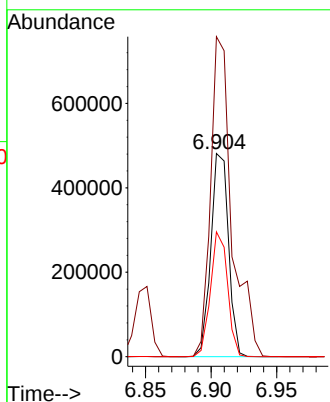
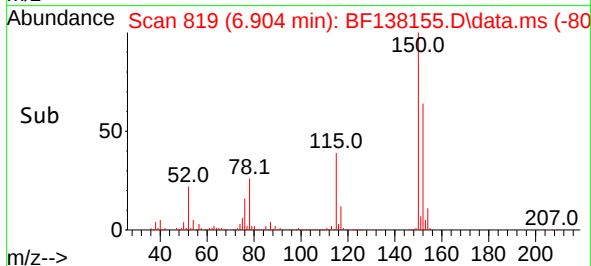
Instrument :
BNA_F
ClientSampleId :
PB161349BS



Tgt Ion:152 Resp: 45202
Ion Ratio Lower Upper
152 100
150 157.5 121.8 182.6
115 61.4 46.2 69.2

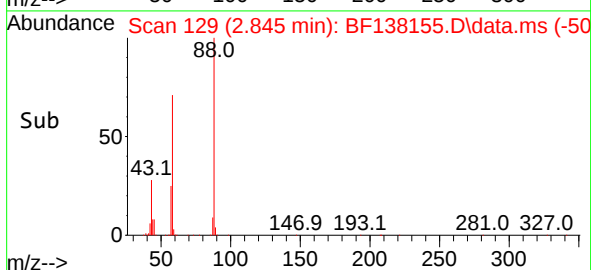
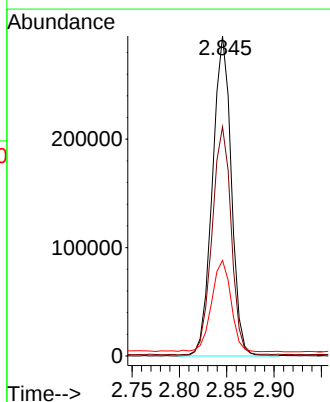
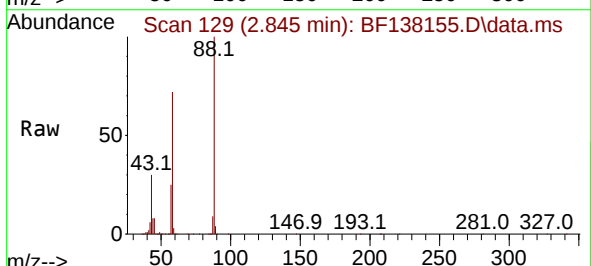
Manual Integrations
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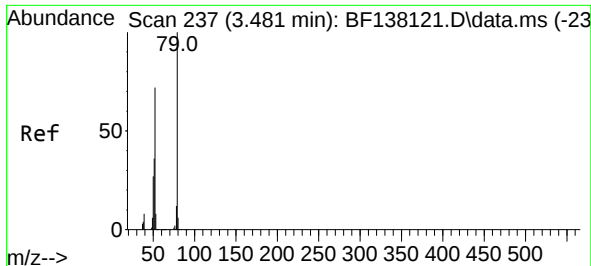
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#2
1,4-Dioxane
Concen: 33.641 ng
RT: 2.845 min Scan# 129
Delta R.T. 0.118 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

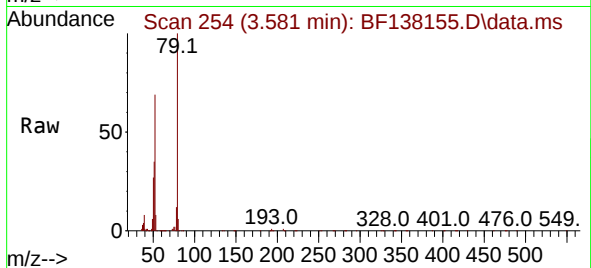
Tgt Ion: 88 Resp: 408950
Ion Ratio Lower Upper
88 100
58 72.0 60.6 90.8
43 29.4 23.6 35.4





#3
Pyridine
Concen: 34.299 ng
RT: 3.581 min Scan# 21
Delta R.T. 0.100 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

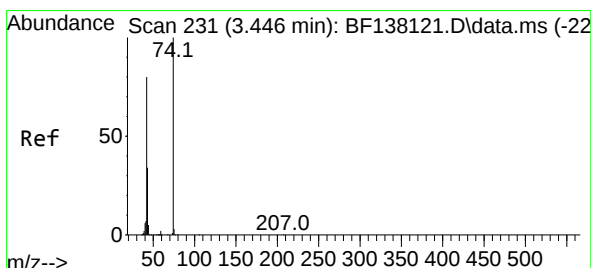
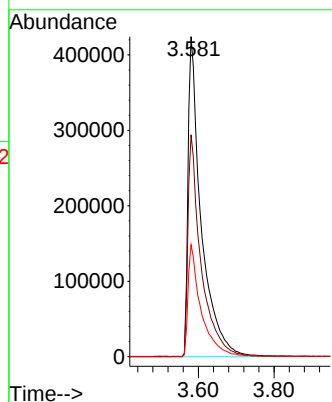
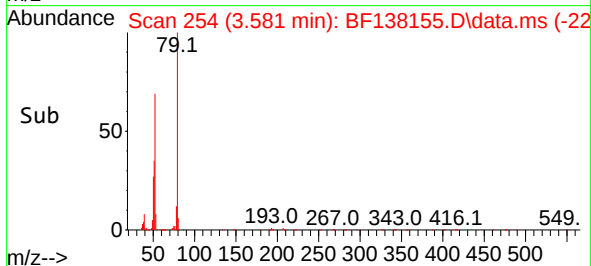
Instrument :
BNA_F
ClientSampleId :
PB161349BS



Tgt Ion: 79 Resp: 102166
Ion Ratio Lower Upper
79 100
52 69.3 57.4 86.2
51 35.0 29.1 43.7

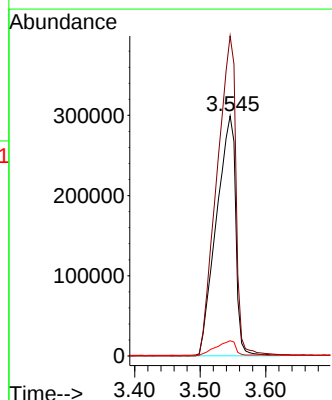
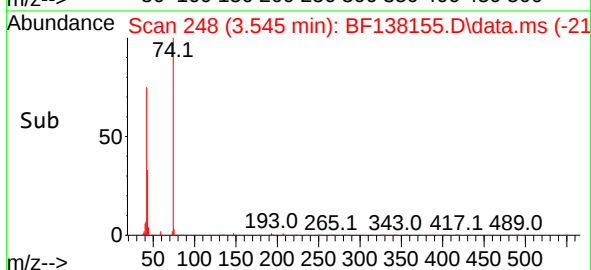
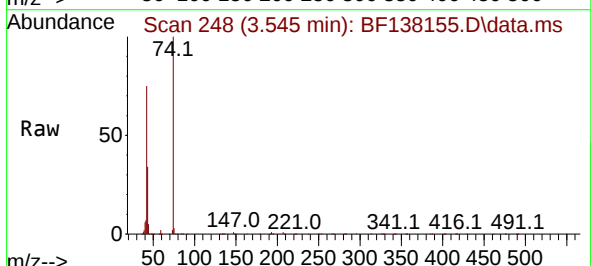
Manual Integrations
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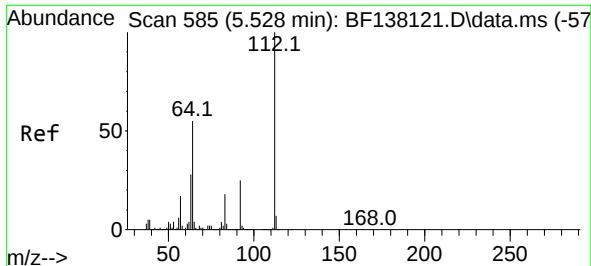
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#4
n-Nitrosodimethylamine
Concen: 41.810 ng
RT: 3.545 min Scan# 248
Delta R.T. 0.100 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

Tgt Ion: 42 Resp: 611391
Ion Ratio Lower Upper
42 100
74 133.3 100.0 150.0
44 6.3 5.7 8.5





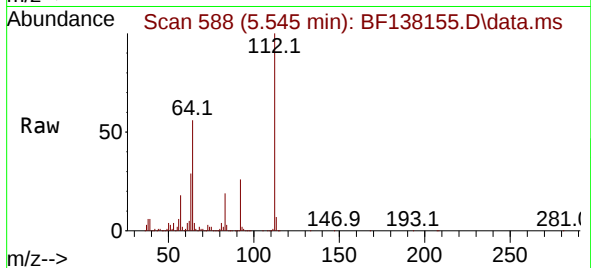
#5
2-Fluorophenol
Concen: 121.472 ng
RT: 5.545 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

Instrument :

BNA_F

ClientSampleId :

PB161349BS

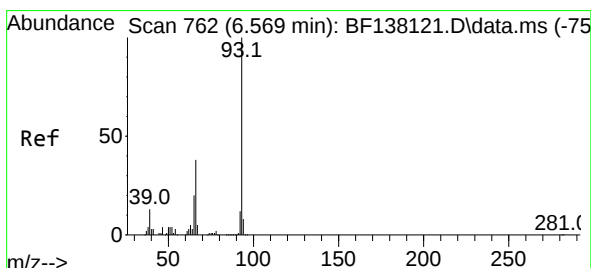
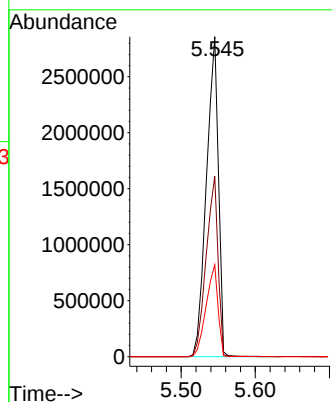
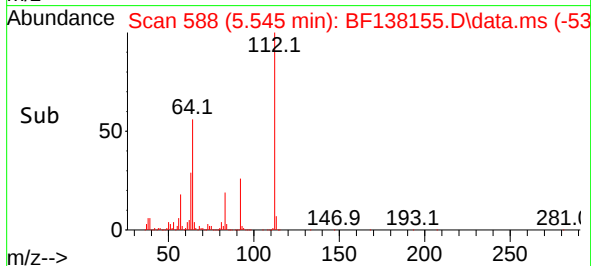


Tgt Ion:112 Resp: 322185
Ion Ratio Lower Upper
112 100
64 56.4 44.0 66.0
63 28.7 22.1 33.1

Manual Integrations

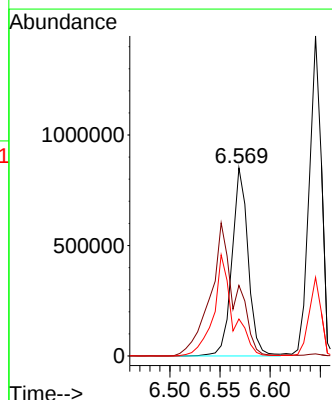
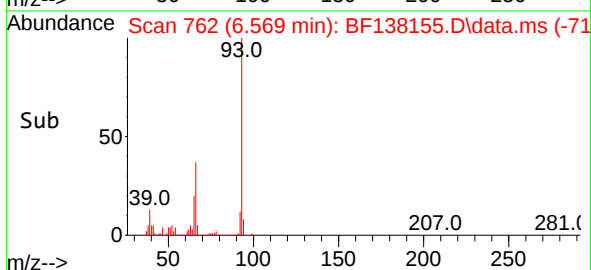
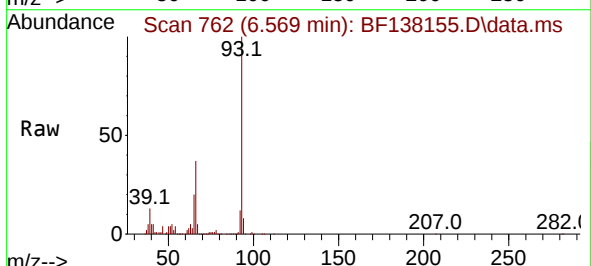
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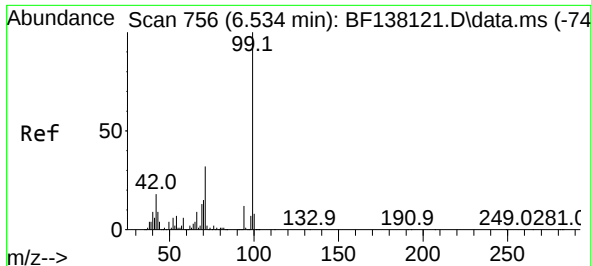
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#6
Aniline
Concen: 28.058 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

Tgt Ion: 93 Resp: 954692
Ion Ratio Lower Upper
93 100
66 37.5 30.9 46.3
65 19.6 16.0 24.0





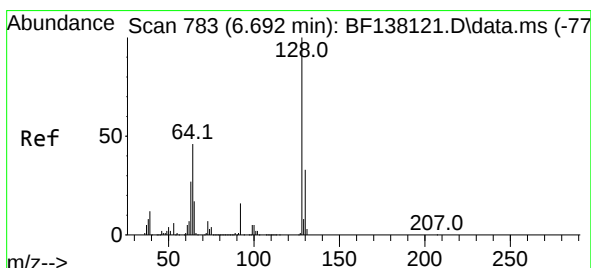
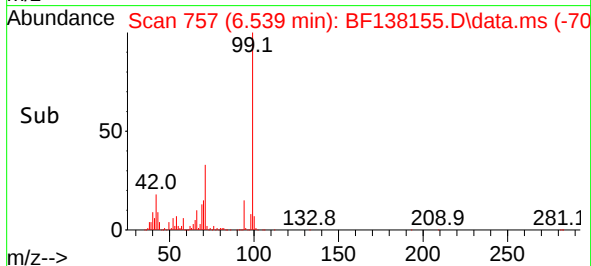
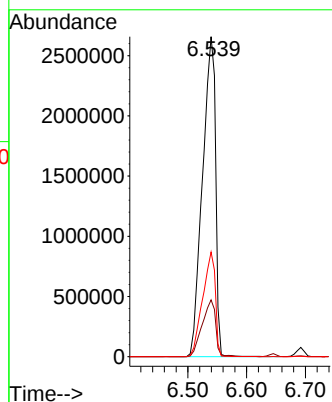
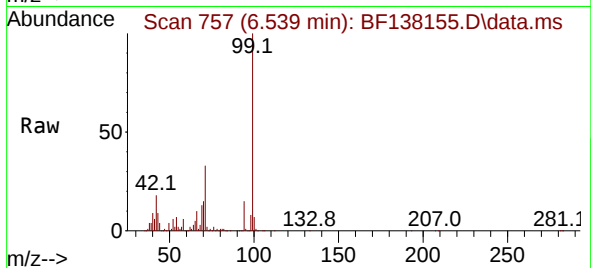
#7
Phenol-d6
Concen: 122.475 ng
RT: 6.539 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

Instrument :
BNA_F
ClientSampleId :
PB161349BS

Tgt Ion: 99 Resp: 411004
Ion Ratio Lower Upper
99 100
42 17.7 14.4 21.6
71 32.7 25.5 38.3

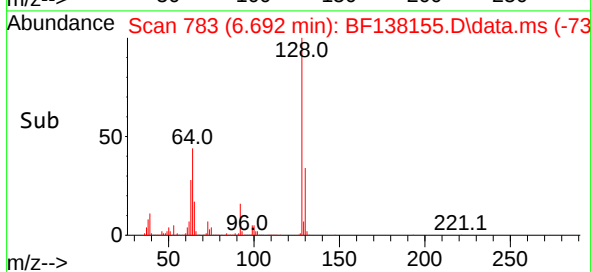
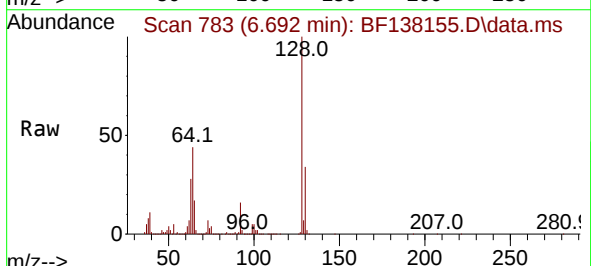
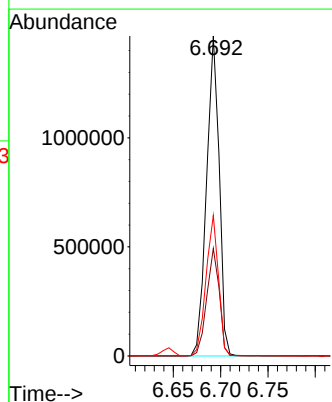
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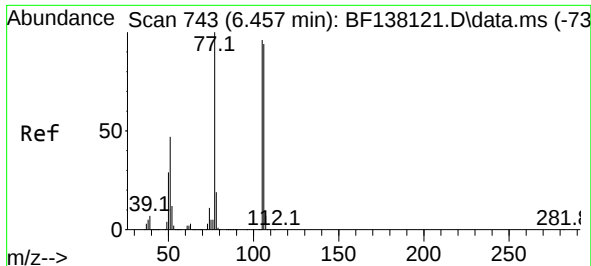
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#8
2-Chlorophenol
Concen: 47.451 ng
RT: 6.692 min Scan# 783
Delta R.T. -0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

Tgt Ion:128 Resp: 1361578
Ion Ratio Lower Upper
128 100
130 33.6 12.9 52.9
64 43.9 26.6 66.6





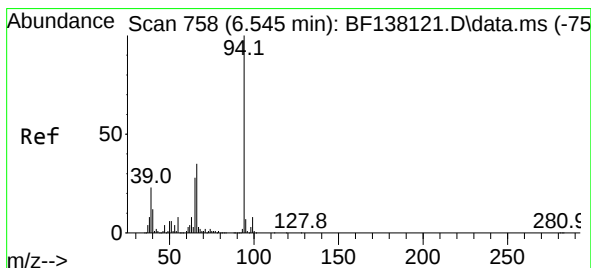
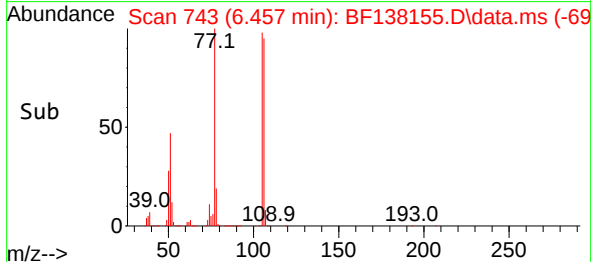
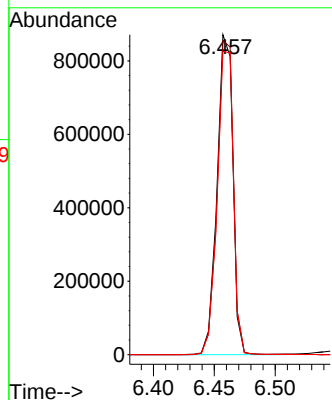
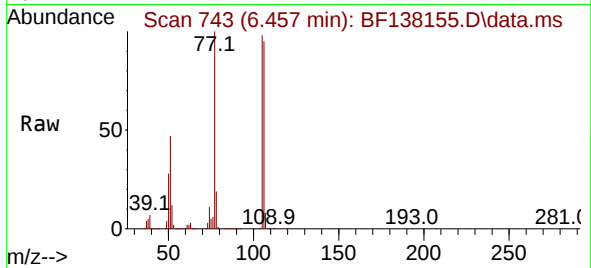
#9
Benzaldehyde
Concen: 50.446 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

Instrument :
BNA_F
ClientSampleId :
PB161349BS

Tgt Ion: 77 Resp: 787405
Ion Ratio Lower Upper
77 100
105 98.2 75.8 115.8
106 94.8 73.9 113.9

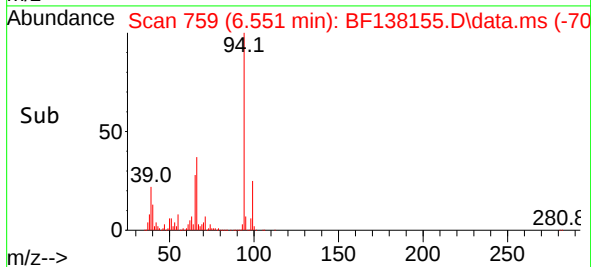
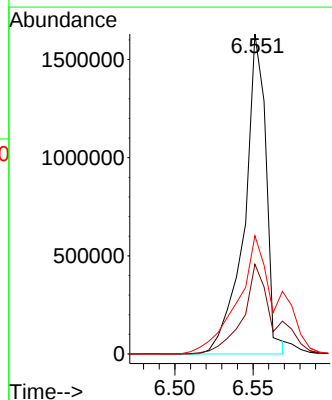
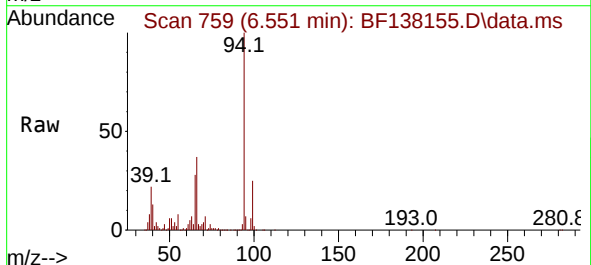
Manual Integrations
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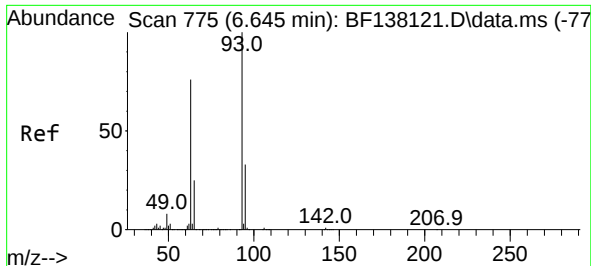
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#10
Phenol
Concen: 45.659 ng m
RT: 6.551 min Scan# 759
Delta R.T. 0.006 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

Tgt Ion: 94 Resp: 1574204
Ion Ratio Lower Upper
94 100
65 28.1 7.9 47.9
66 37.0 15.5 55.5





#11
bis(2-Chloroethyl)ether
Concen: 44.111 ng
RT: 6.645 min Scan# 775
Delta R.T. -0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

Instrument :

BNA_F

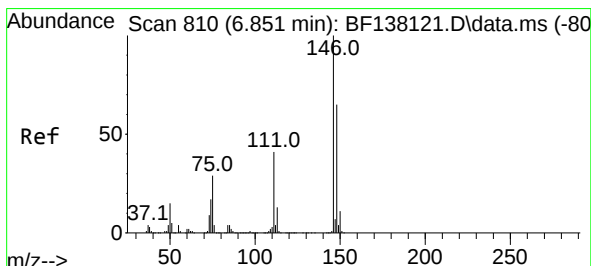
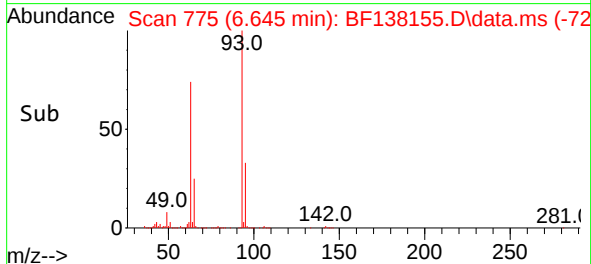
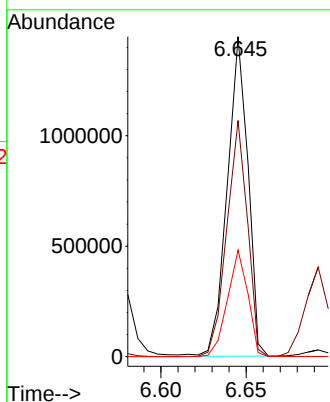
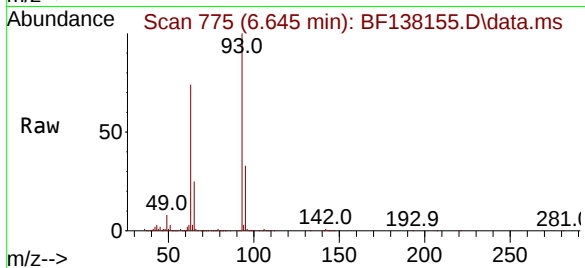
ClientSampleId :

PB161349BS

Tgt Ion: 93 Resp: 1219200
Ion Ratio Lower Upper
93 100
63 73.8 55.3 95.3
95 33.3 12.5 52.5

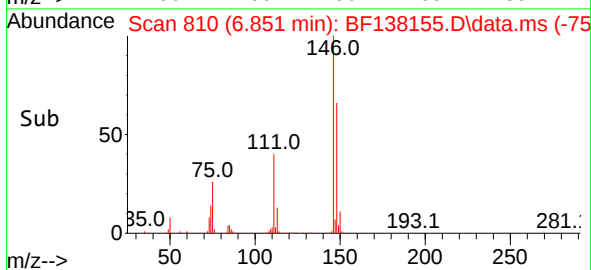
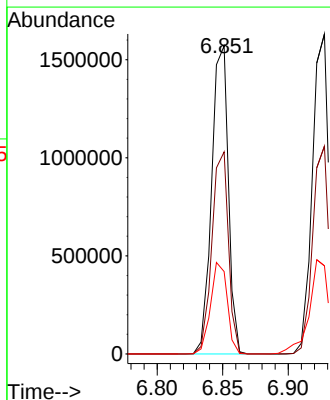
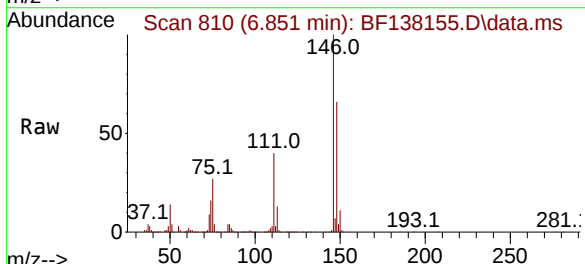
Manual Integrations
APPROVED

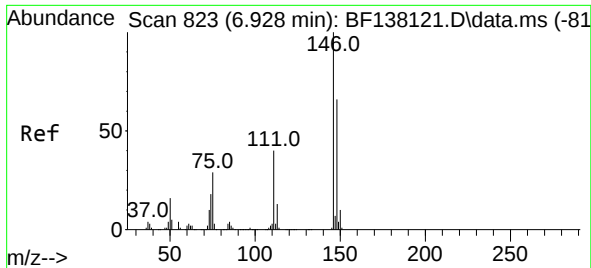
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#12
1,3-Dichlorobenzene
Concen: 42.329 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

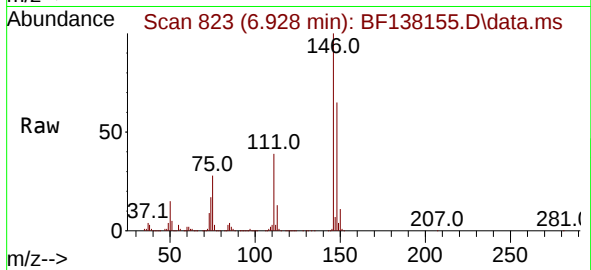
Tgt Ion:146 Resp: 1391658
Ion Ratio Lower Upper
146 100
148 65.6 52.2 78.2
75 26.7 23.0 34.6





#13
1,4-Dichlorobenzene
Concen: 42.612 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

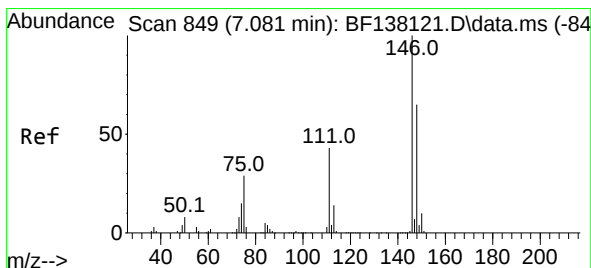
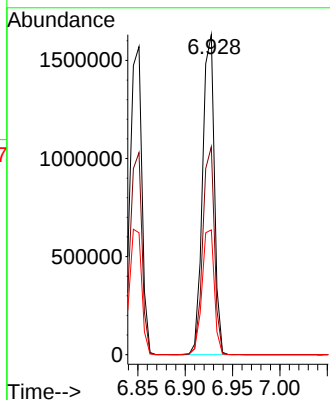
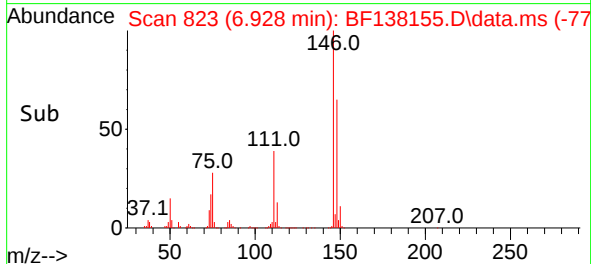
Instrument :
BNA_F
ClientSampleId :
PB161349BS



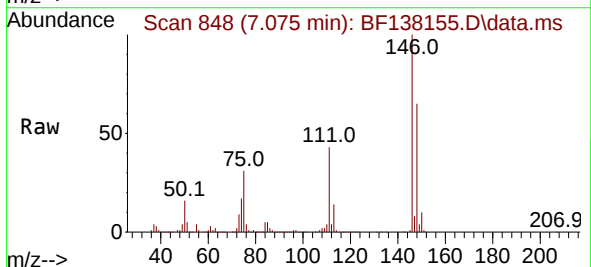
Tgt Ion:146 Resp: 1410958
Ion Ratio Lower Upper
146 100
148 64.9 52.6 78.8
111 39.0 31.9 47.9

Manual Integrations
APPROVED

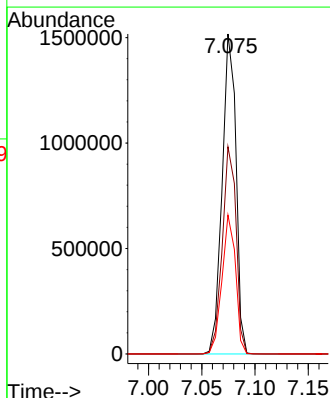
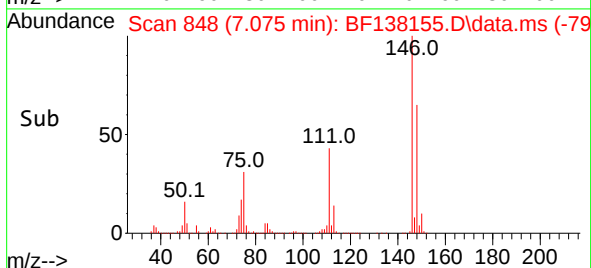
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

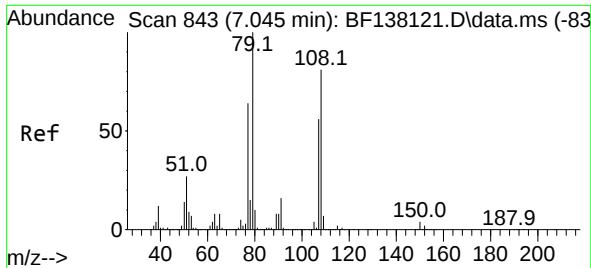


#14
1,2-Dichlorobenzene
Concen: 43.867 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33



Tgt Ion:146 Resp: 1363441
Ion Ratio Lower Upper
146 100
148 64.8 51.6 77.4
111 43.4 34.3 51.5





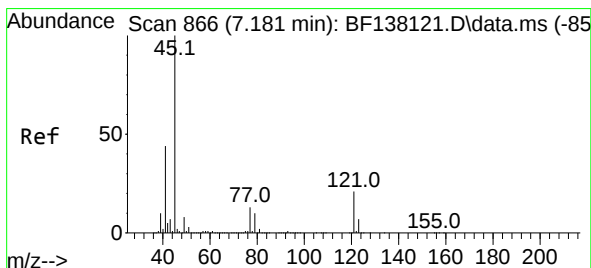
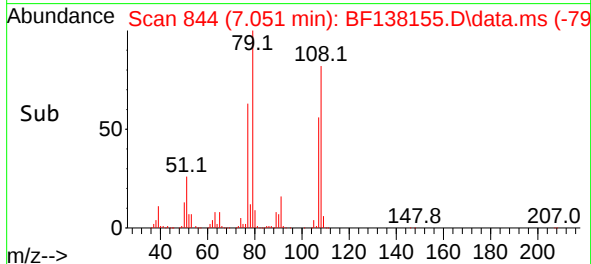
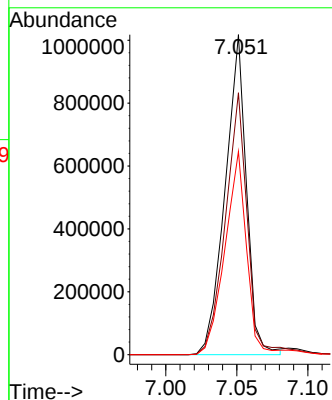
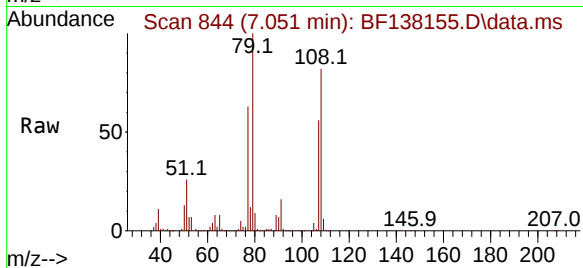
#15
Benzyl Alcohol
Concen: 44.811 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.006 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

Instrument :
BNA_F
ClientSampleId :
PB161349BS

Tgt Ion: 79 Resp: 1064023
Ion Ratio Lower Upper
79 100
108 81.9 64.5 96.7
77 63.5 51.1 76.7

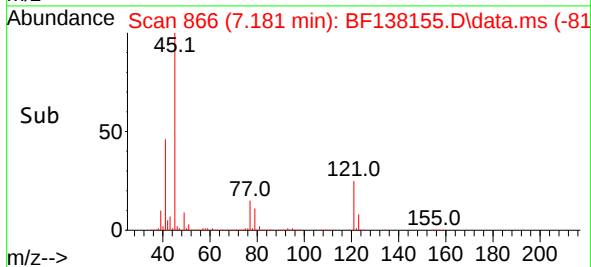
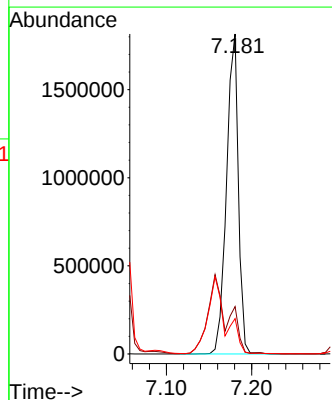
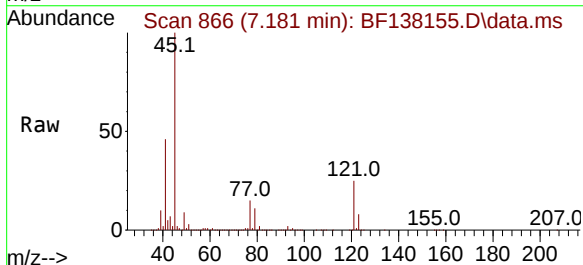
Manual Integrations
APPROVED

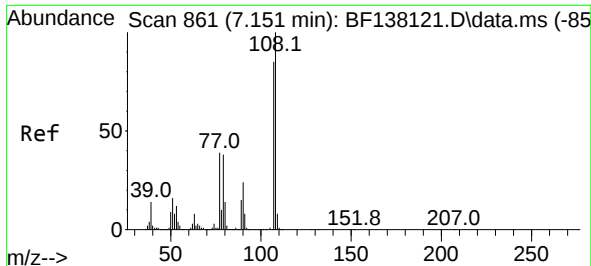
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.197 ng
RT: 7.181 min Scan# 866
Delta R.T. -0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

Tgt Ion: 45 Resp: 1752765
Ion Ratio Lower Upper
45 100
77 14.8 0.0 33.2
79 11.1 0.0 29.9





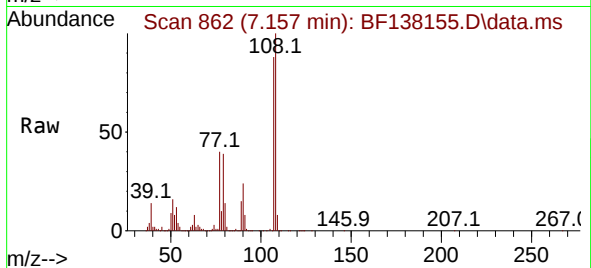
#17
2-Methylphenol
Concen: 45.181 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.006 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

Instrument :

BNA_F

ClientSampleId :

PB161349BS

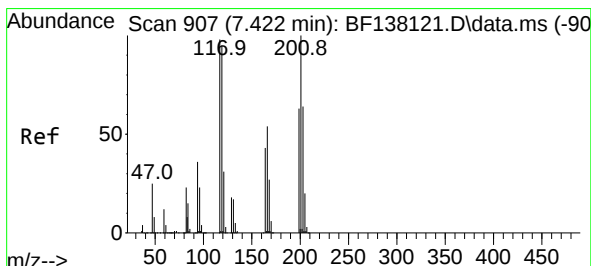
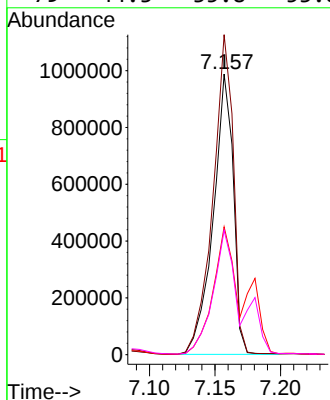
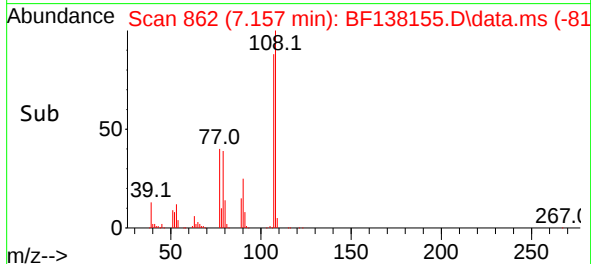


Tgt Ion:107 Resp: 1049334
Ion Ratio Lower Upper
107 100
108 114.0 94.2 141.2
77 45.5 36.7 55.1
79 44.3 35.8 53.8

Manual Integrations

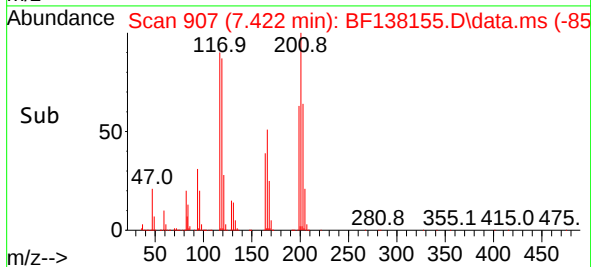
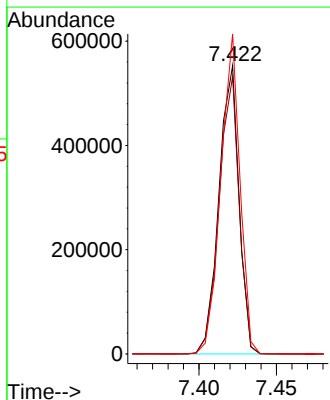
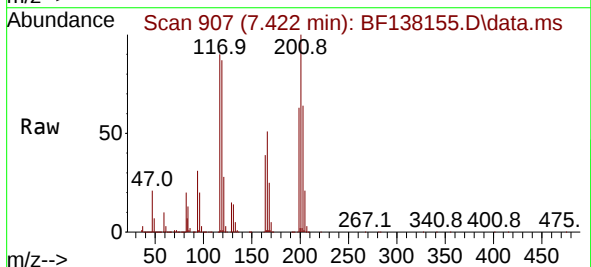
APPROVED

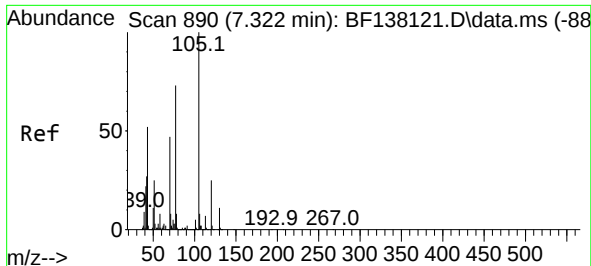
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#18
Hexachloroethane
Concen: 44.097 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

Tgt Ion:117 Resp: 498359
Ion Ratio Lower Upper
117 100
119 96.2 77.7 116.5
201 111.0 81.7 122.5





#19
n-Nitroso-di-n-propylamine
Concen: 42.437 ng
RT: 7.328 min Scan# 890
Delta R.T. 0.006 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

Instrument :

BNA_F

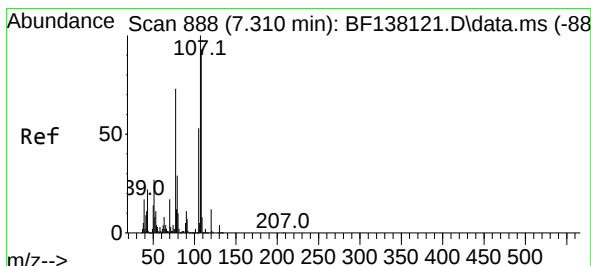
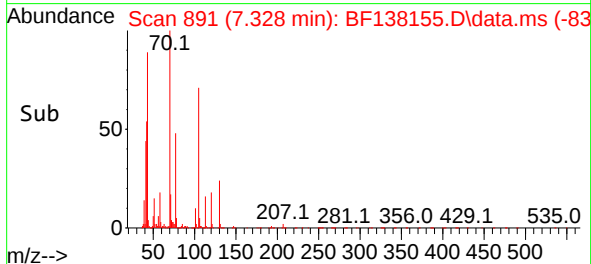
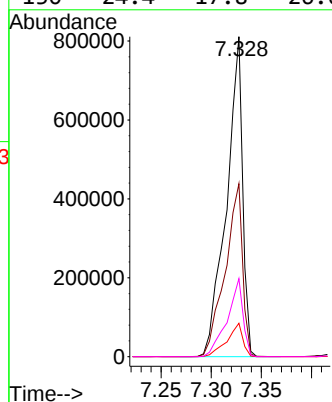
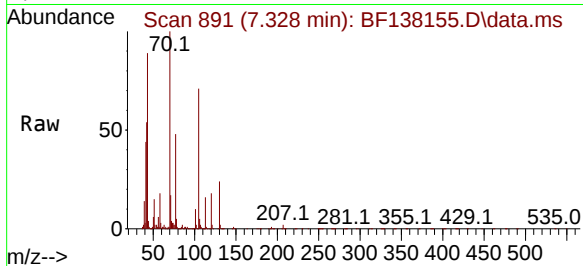
ClientSampleId :

PB161349BS

Tgt Ion: 70 Resp: 908058
Ion Ratio Lower Upper
70 100
42 54.1 46.3 69.5
101 10.5 7.7 11.5
130 24.4 17.8 26.6

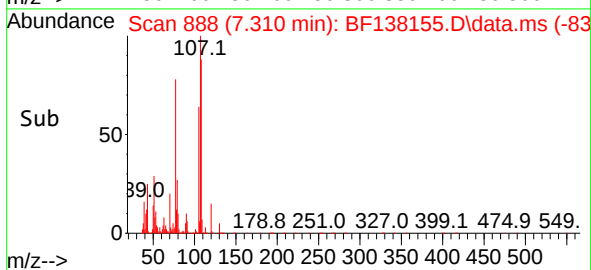
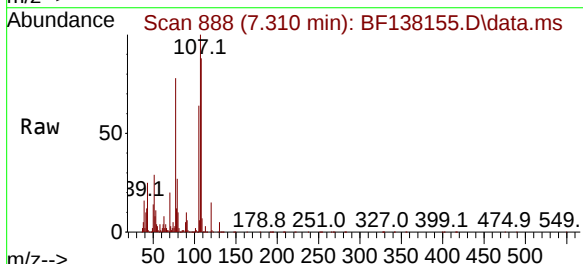
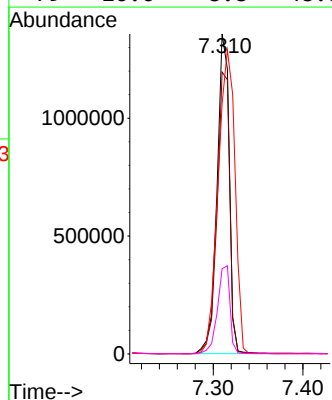
Manual Integrations
APPROVED

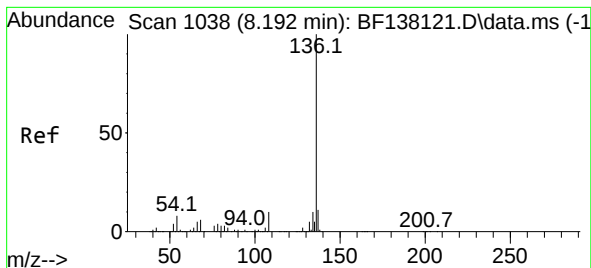
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#20
3+4-Methylphenols
Concen: 44.719 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

Tgt Ion:107 Resp: 1292387
Ion Ratio Lower Upper
107 100
108 88.1 73.0 113.0
77 78.3 53.2 93.2
79 26.6 8.8 48.8





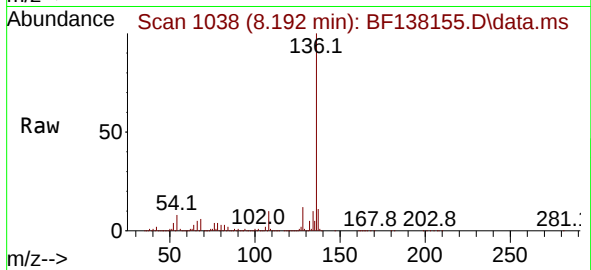
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

Instrument :

BNA_F

ClientSampleId :

PB161349BS



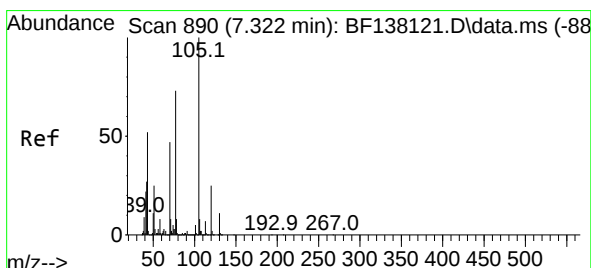
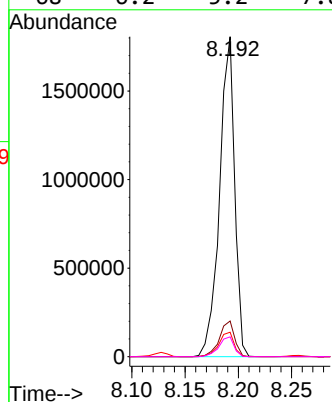
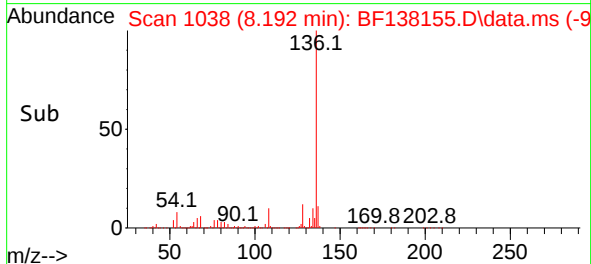
Tgt Ion:136 Resp: 177651
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.7 6.2 9.2
68 6.2 5.2 7.8

Manual Integrations

APPROVED

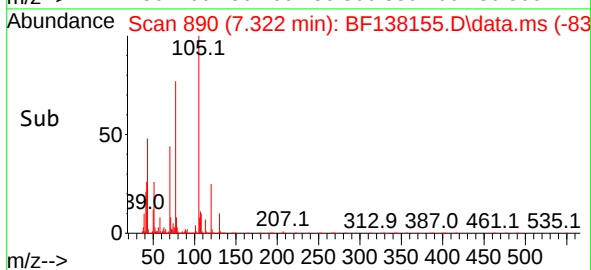
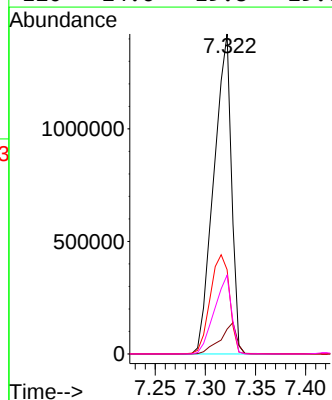
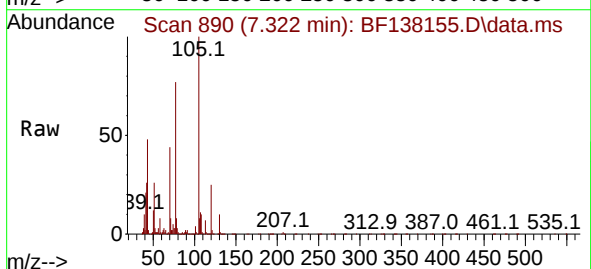
Reviewed By :Yogesh Patel 06/08/2024

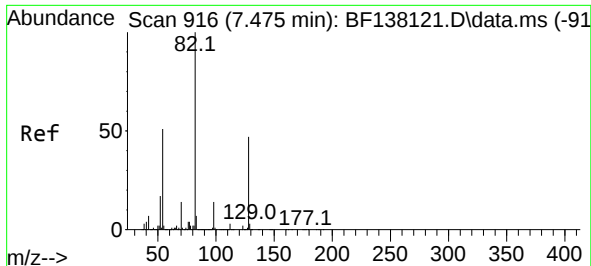
Supervised By :mohammad ahmed 06/10/2024



#22
Acetophenone
Concen: 42.448 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

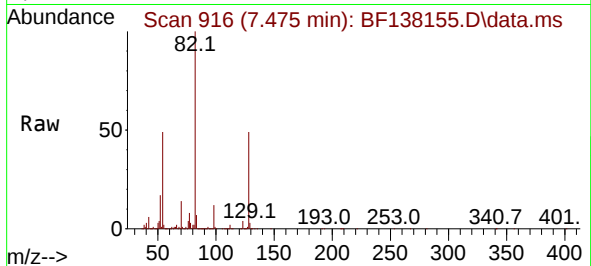
Tgt Ion:105 Resp: 1736063
Ion Ratio Lower Upper
105 100
71 7.7 6.3 9.5
51 26.4 19.8 29.6
120 24.6 19.8 29.6





#23
Nitrobenzene-d5
Concen: 96.903 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

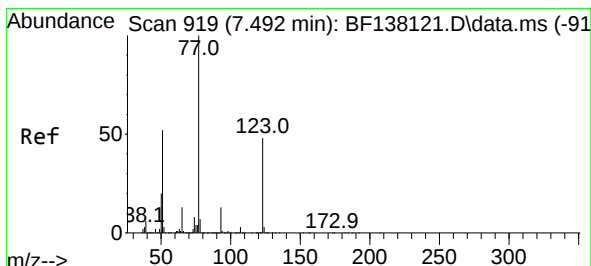
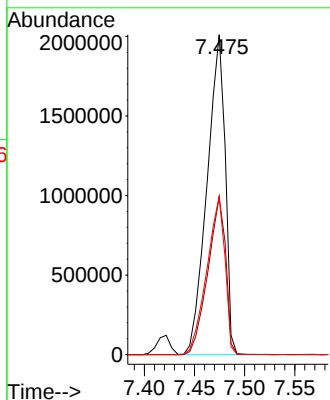
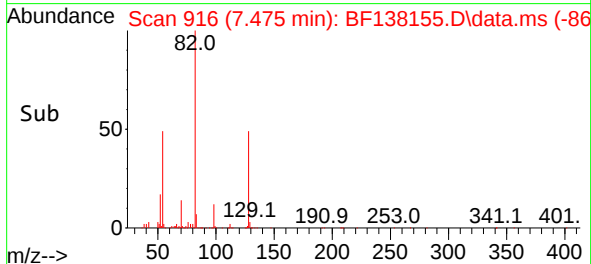
Instrument :
BNA_F
ClientSampleId :
PB161349BS



Tgt Ion: 82 Resp: 2530215
Ion Ratio Lower Upper
82 100
128 49.2 37.7 56.5
54 49.5 40.8 61.2

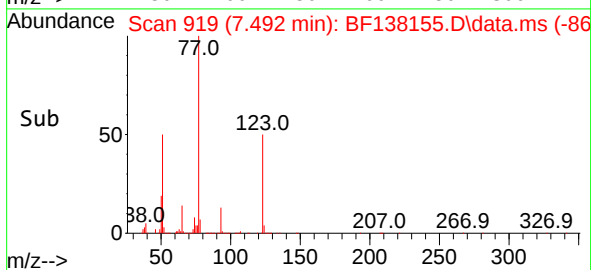
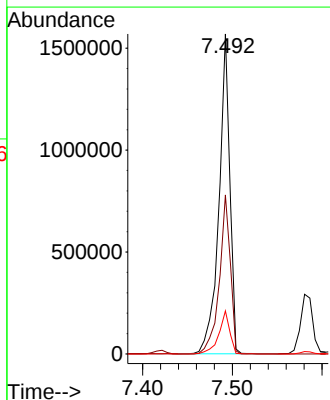
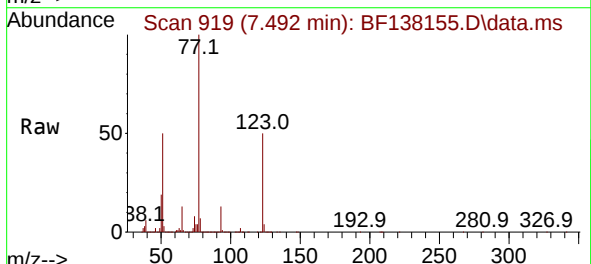
Manual Integrations
APPROVED

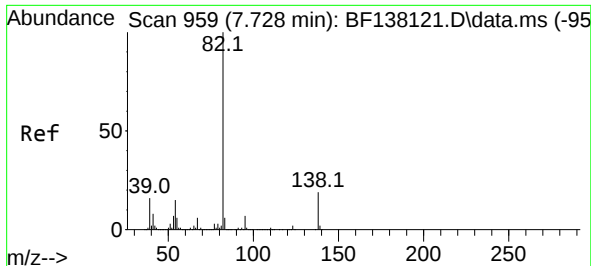
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#24
Nitrobenzene
Concen: 46.473 ng
RT: 7.492 min Scan# 919
Delta R.T. -0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

Tgt Ion: 77 Resp: 1321887
Ion Ratio Lower Upper
77 100
123 49.7 38.2 57.2
65 13.4 10.7 16.1





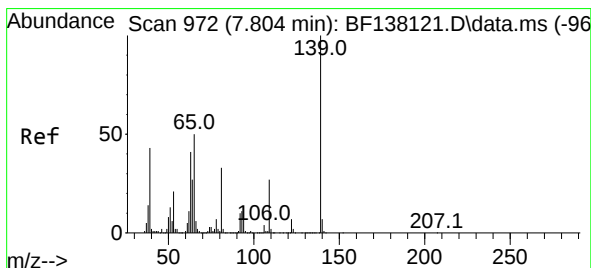
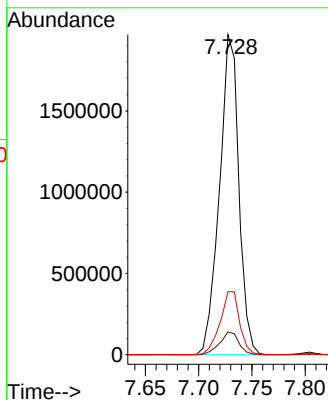
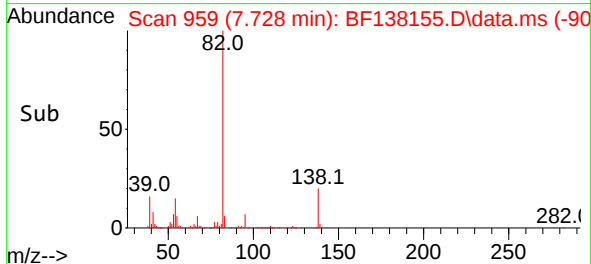
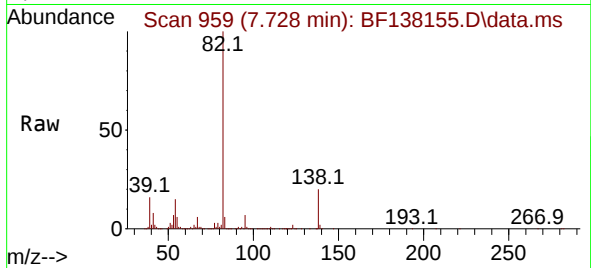
#25
Isophorone
Concen: 43.146 ng
RT: 7.728 min Scan# 915
Delta R.T. -0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

Instrument :
BNA_F
ClientSampleId :
PB161349BS

Tgt Ion: 82 Resp: 248190
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 19.7 15.5 23.3

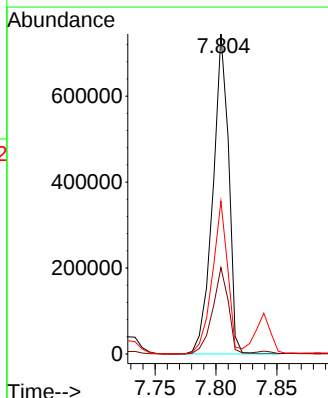
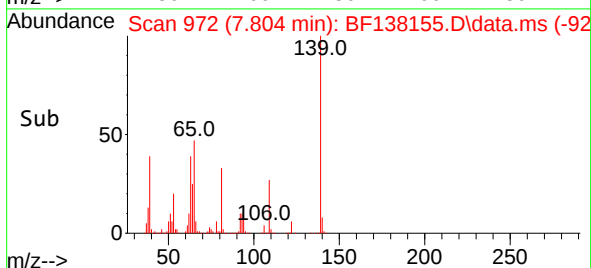
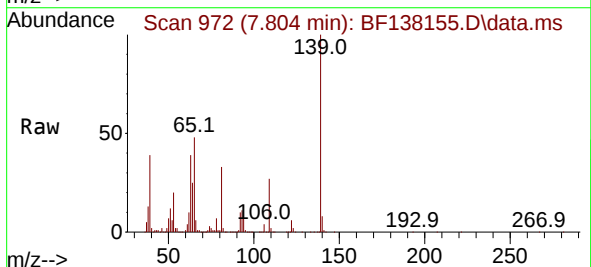
Manual Integrations
APPROVED

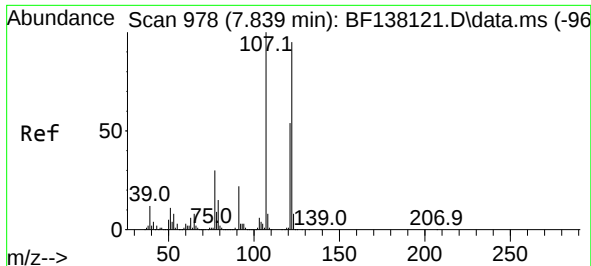
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#26
2-Nitrophenol
Concen: 54.108 ng
RT: 7.804 min Scan# 972
Delta R.T. -0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

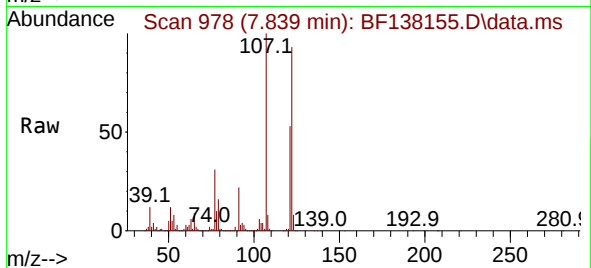
Tgt Ion:139 Resp: 671483
Ion Ratio Lower Upper
139 100
109 27.0 21.8 32.6
65 47.7 40.1 60.1





#27
2,4-Dimethylphenol
Concen: 50.183 ng
RT: 7.839 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

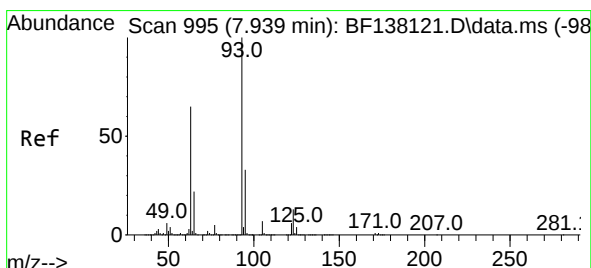
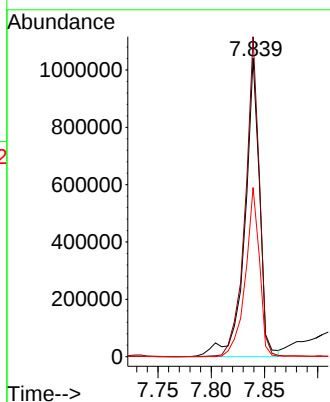
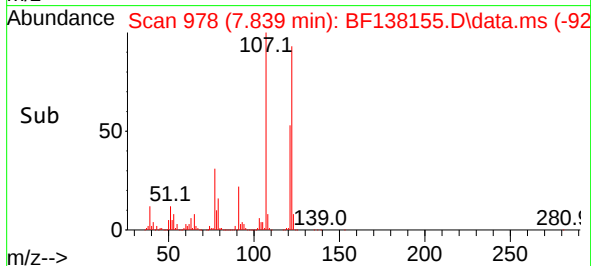
Instrument :
BNA_F
ClientSampleId :
PB161349BS



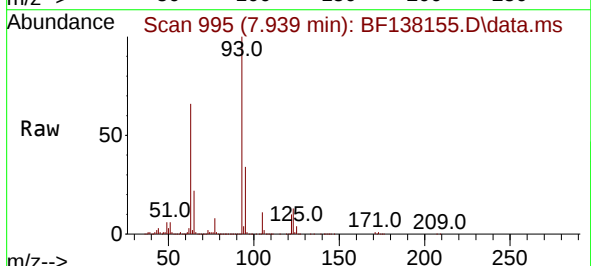
Tgt Ion:122 Resp: 100270
Ion Ratio Lower Upper
122 100
107 107.2 84.2 126.2
121 56.6 45.4 68.0

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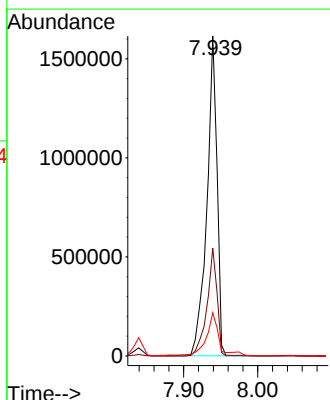
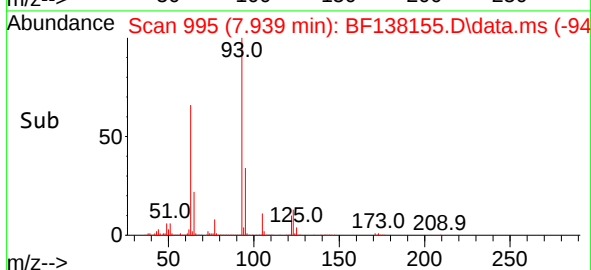
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

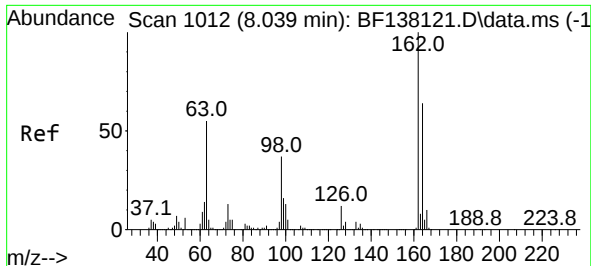


#28
bis(2-Chloroethoxy)methane
Concen: 43.886 ng
RT: 7.939 min Scan# 995
Delta R.T. -0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33



Tgt Ion: 93 Resp: 1537724
Ion Ratio Lower Upper
93 100
95 33.7 26.6 39.8
123 13.5 10.2 15.2





#29

2,4-Dichlorophenol

Concen: 48.455 ng

RT: 8.045 min Scan# 1012

Delta R.T. 0.006 min

Lab File: BF138155.D

Acq: 07 Jun 2024 12:33

Instrument :

BNA_F

ClientSampleId :

PB161349BS

Tgt Ion:162 Resp: 1166900

Ion Ratio Lower Upper

162 100

164 64.6 44.1 84.1

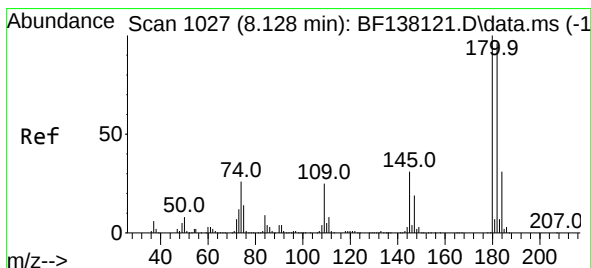
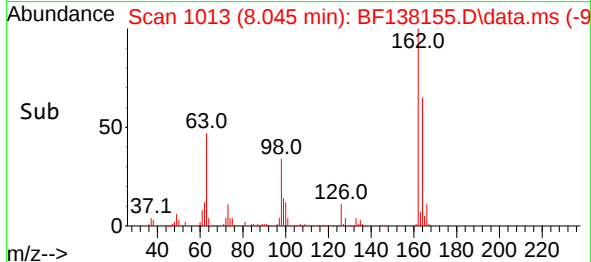
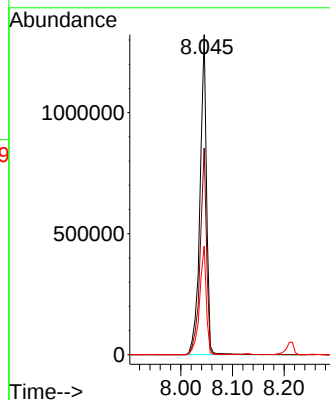
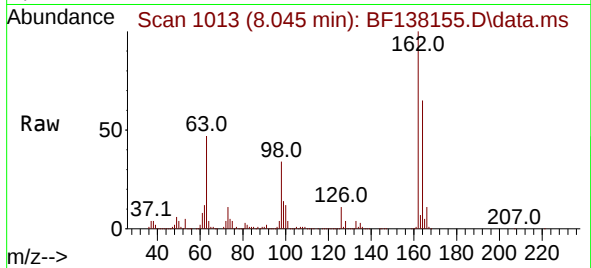
98 34.0 17.0 57.0

Manual Integrations

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Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/10/2024



#30

1,2,4-Trichlorobenzene

Concen: 43.592 ng

RT: 8.127 min Scan# 1027

Delta R.T. -0.000 min

Lab File: BF138155.D

Acq: 07 Jun 2024 12:33

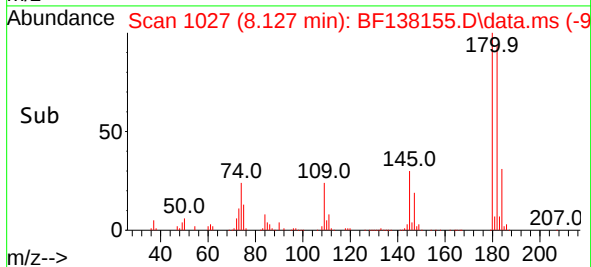
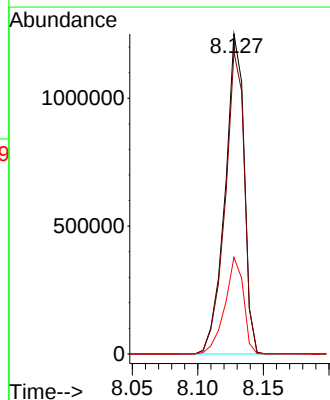
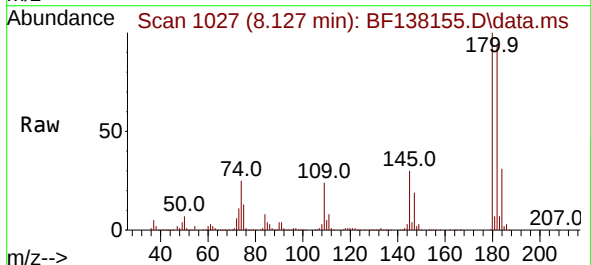
Tgt Ion:180 Resp: 1266661

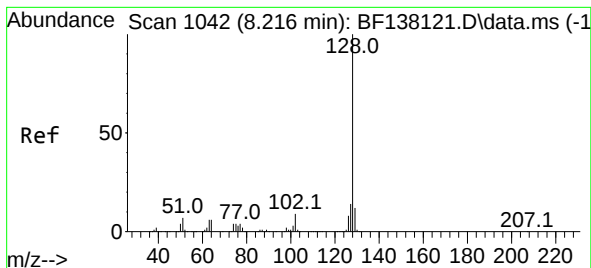
Ion Ratio Lower Upper

180 100

182 94.4 76.4 114.6

145 30.2 24.8 37.2





#31
Naphthalene
Concen: 42.492 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

Instrument :

BNA_F

ClientSampleId :

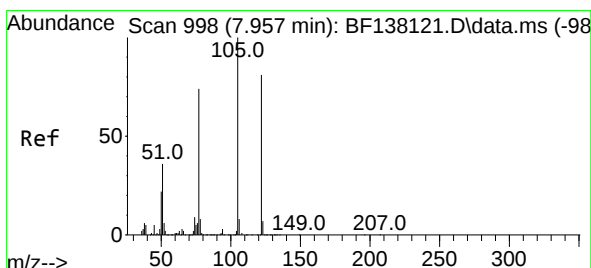
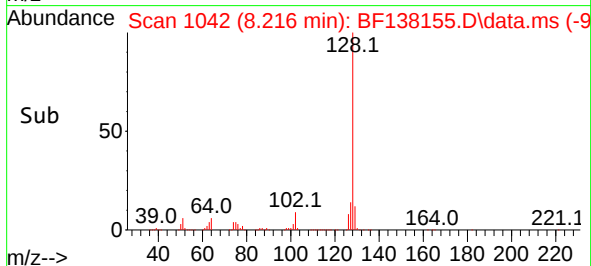
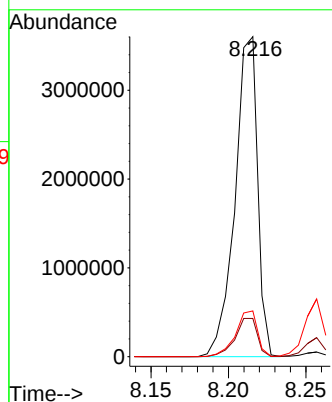
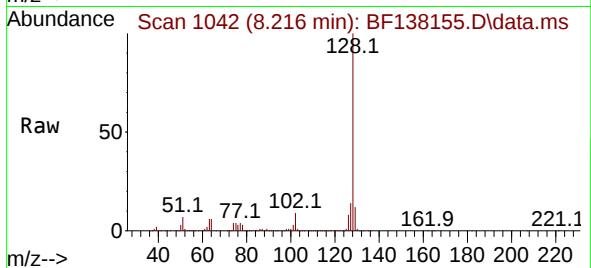
PB161349BS

Tgt Ion:128 Resp: 3651220
Ion Ratio Lower Upper
128 100
129 12.0 9.4 14.0
127 14.3 11.2 16.8

Manual Integrations

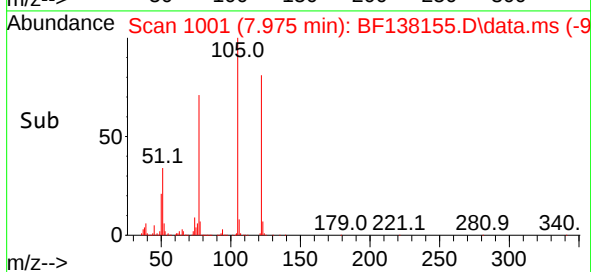
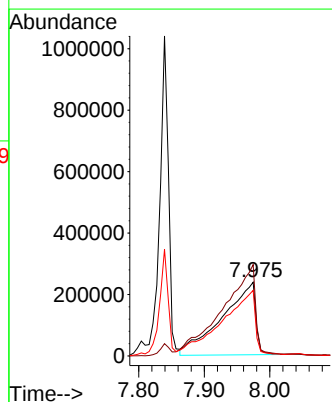
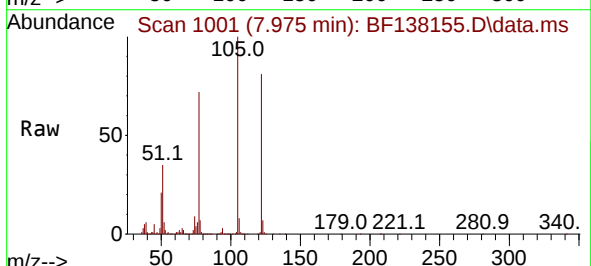
APPROVED

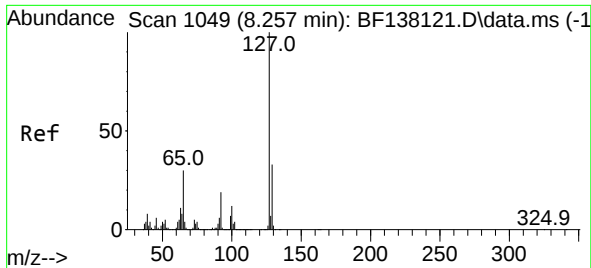
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#32
Benzoic acid
Concen: 52.655 ng
RT: 7.975 min Scan# 1001
Delta R.T. 0.018 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

Tgt Ion:122 Resp: 835675
Ion Ratio Lower Upper
122 100
105 123.8 102.8 142.8
77 88.9 71.2 111.2





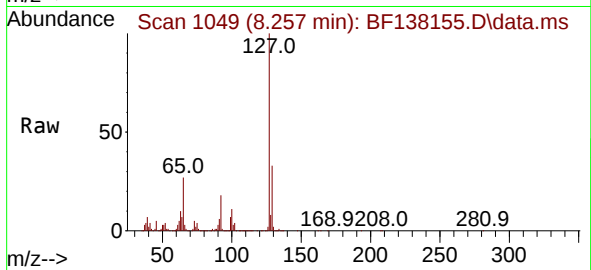
#33
4-Chloroaniline
Concen: 18.245 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

Instrument :

BNA_F

ClientSampleId :

PB161349BS

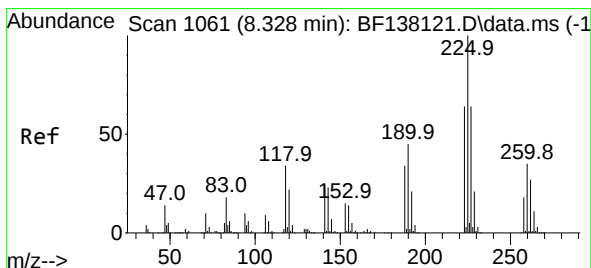
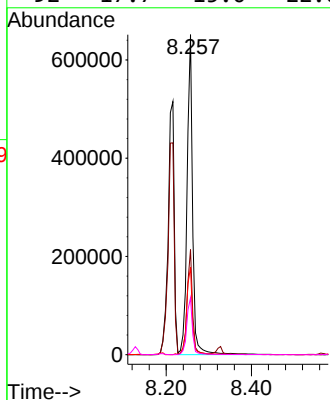
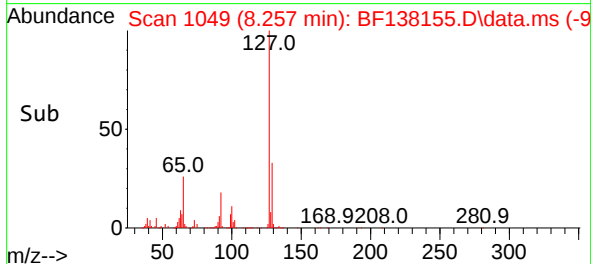


Tgt Ion:127 Resp: 589220
Ion Ratio Lower Upper
127 100
129 32.9 26.5 39.7
65 27.4 24.0 36.0
92 17.7 15.0 22.6

Manual Integrations

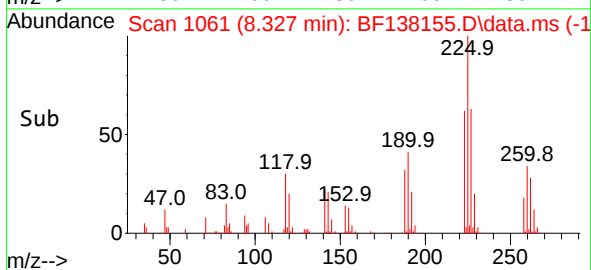
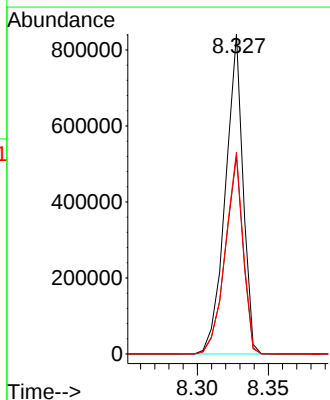
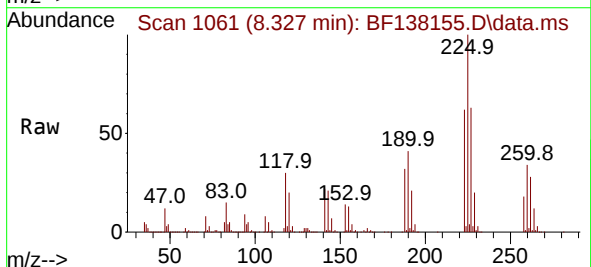
APPROVED

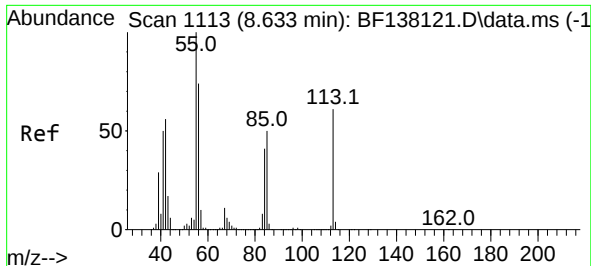
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#34
Hexachlorobutadiene
Concen: 42.380 ng
RT: 8.327 min Scan# 1061
Delta R.T. -0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

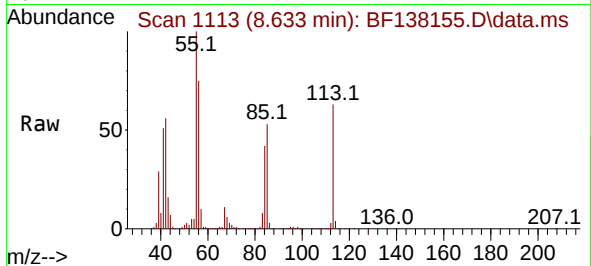
Tgt Ion:225 Resp: 723641
Ion Ratio Lower Upper
225 100
223 61.9 50.9 76.3
227 63.1 51.2 76.8





#35
Caprolactam
Concen: 45.018 ng m
RT: 8.633 min Scan# 1113
Delta R.T. -0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

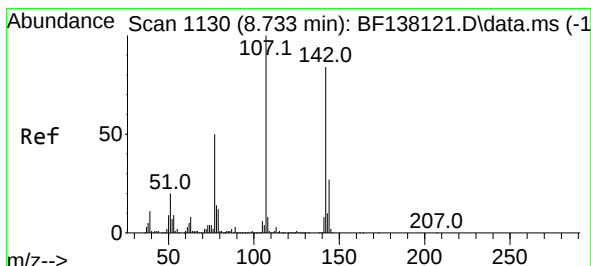
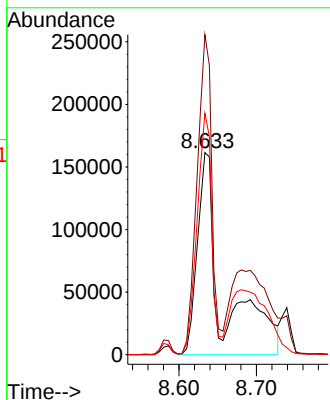
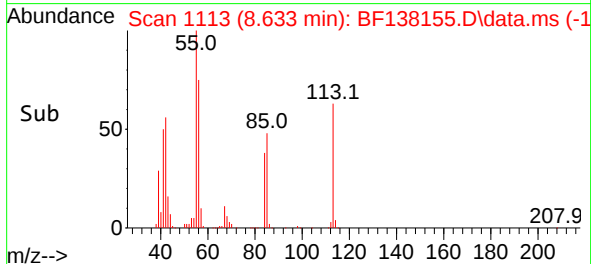
Instrument :
BNA_F
ClientSampleId :
PB161349BS



Tgt Ion:113 Resp: 362000
Ion Ratio Lower Upper
113 100
55 158.4 144.5 184.5
56 119.5 102.0 142.0

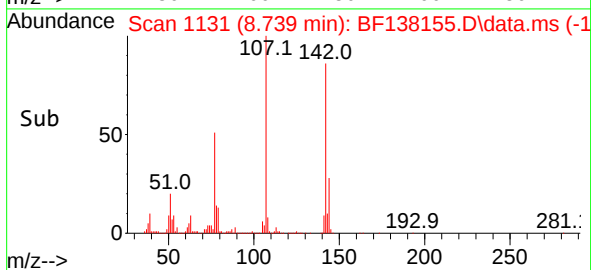
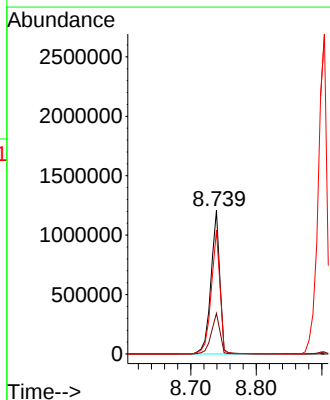
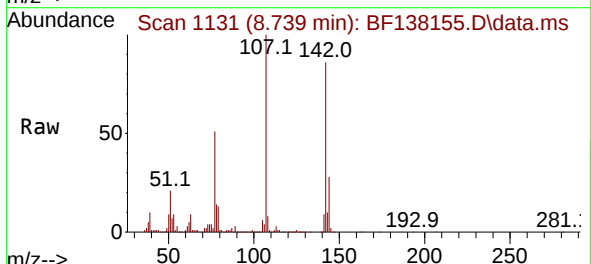
Manual Integrations
APPROVED

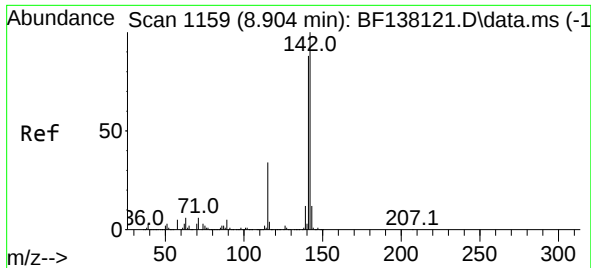
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#36
4-Chloro-3-methylphenol
Concen: 46.075 ng
RT: 8.739 min Scan# 1131
Delta R.T. 0.006 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

Tgt Ion:107 Resp: 1137046
Ion Ratio Lower Upper
107 100
144 28.3 21.7 32.5
142 86.1 67.0 100.4





#37
2-Methylnaphthalene
Concen: 42.839 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

Instrument :

BNA_F

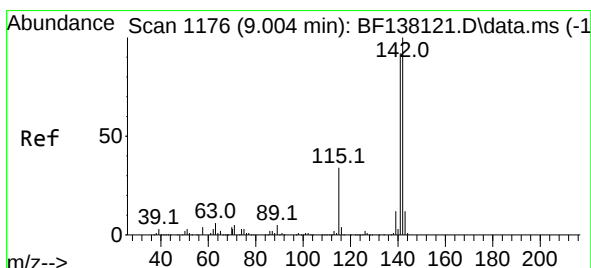
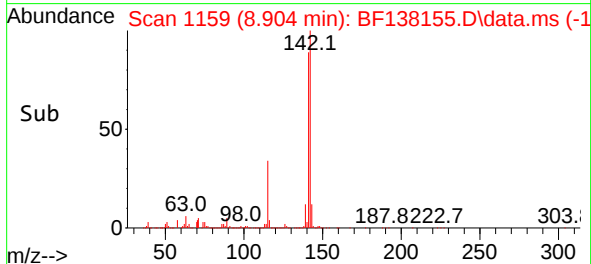
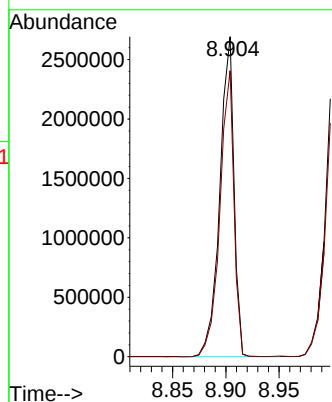
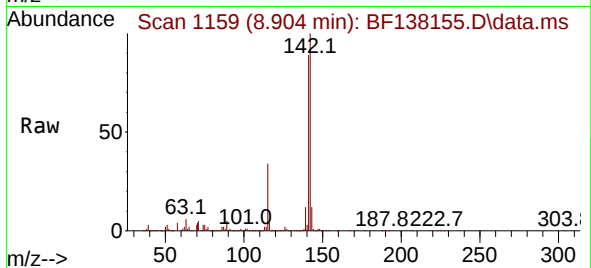
ClientSampleId :

PB161349BS

Tgt Ion:142 Resp: 248146
Ion Ratio Lower Upper
142 100
141 89.4 70.5 105.7

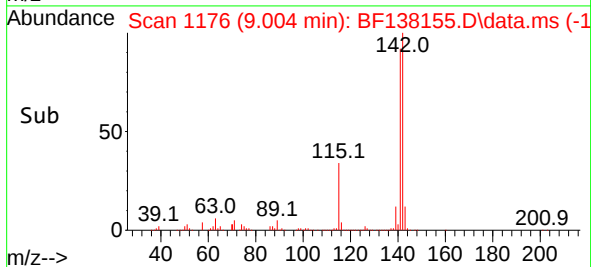
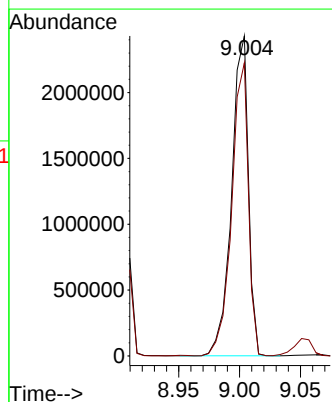
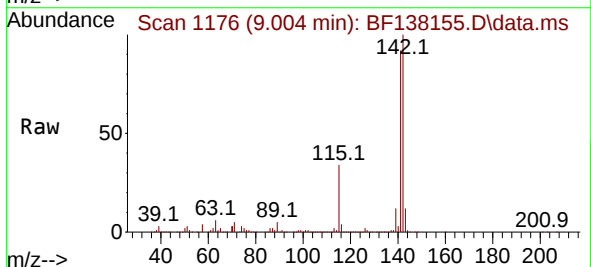
Manual Integrations
APPROVED

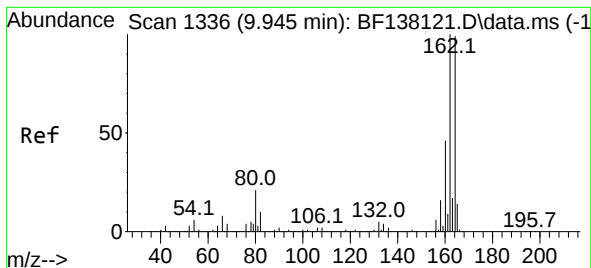
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#38
1-Methylnaphthalene
Concen: 41.115 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

Tgt Ion:142 Resp: 2331892
Ion Ratio Lower Upper
142 100
141 91.6 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF138155.D

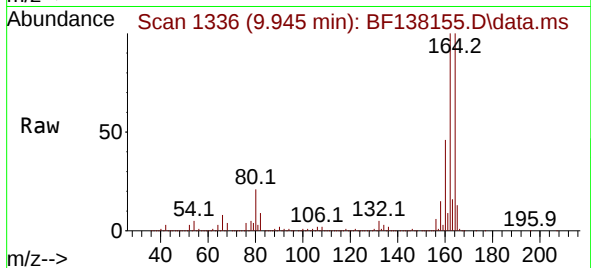
Acq: 07 Jun 2024 12:33

Instrument :

BNA_F

ClientSampleId :

PB161349BS



Tgt Ion:164 Resp: 99703

Ion Ratio Lower Upper

164 100

162 100.2 80.9 121.3

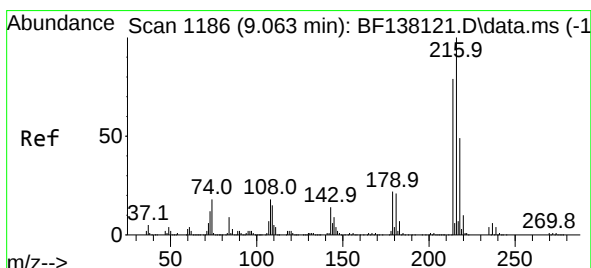
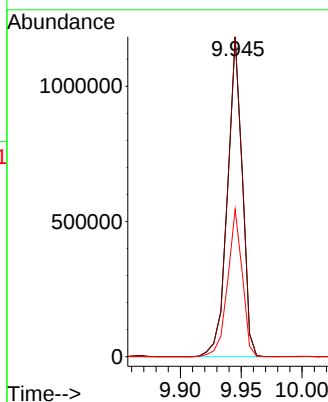
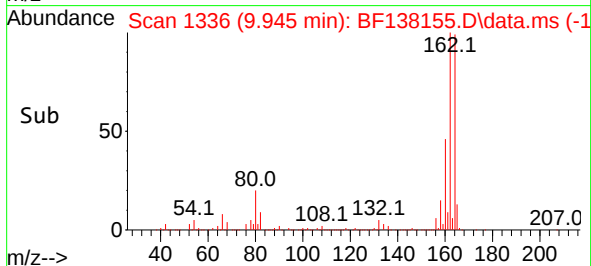
160 46.2 37.0 55.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/10/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.102 ng

RT: 9.069 min Scan# 1187

Delta R.T. 0.006 min

Lab File: BF138155.D

Acq: 07 Jun 2024 12:33

Tgt Ion:216 Resp: 1269569

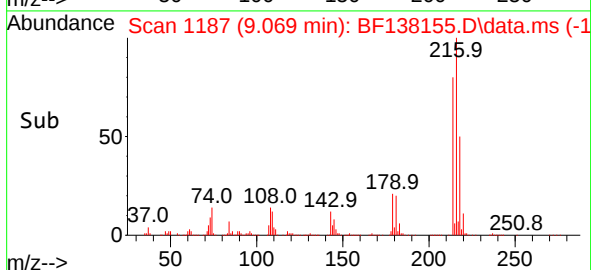
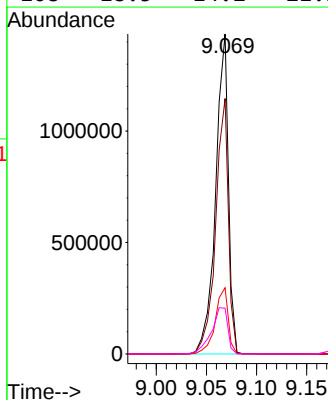
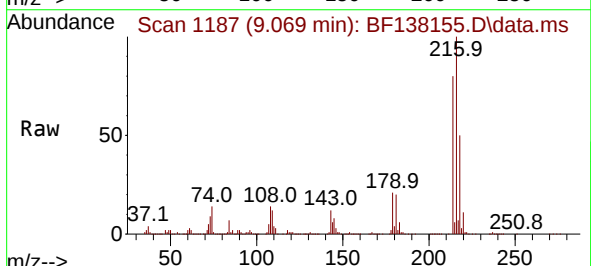
Ion Ratio Lower Upper

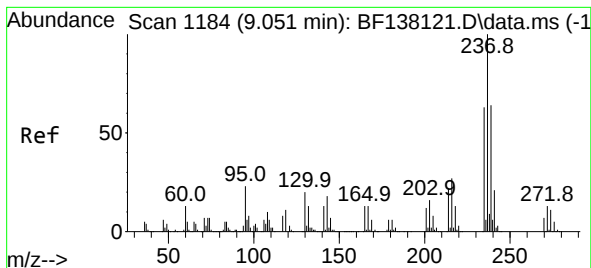
216 100

214 79.7 63.3 94.9

179 21.0 16.9 25.3

108 18.5 14.2 21.2





#41

Hexachlorocyclopentadiene

Concen: 125.183 ng

RT: 9.057 min Scan# 1184

Delta R.T. 0.006 min

Lab File: BF138155.D

Acq: 07 Jun 2024 12:33

Instrument :

BNA_F

ClientSampleId :

PB161349BS

Tgt Ion:237 Resp: 116326

Ion Ratio Lower Upper

237 100

235 63.5 43.4 83.4

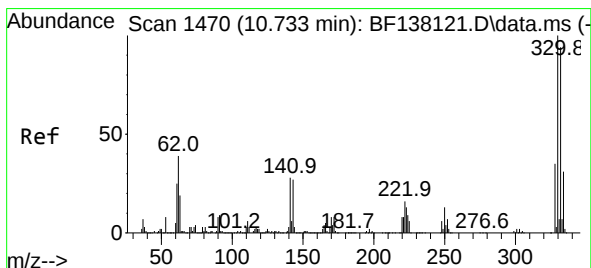
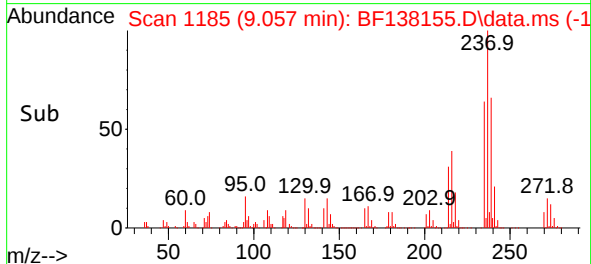
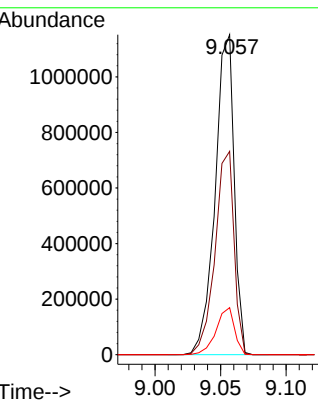
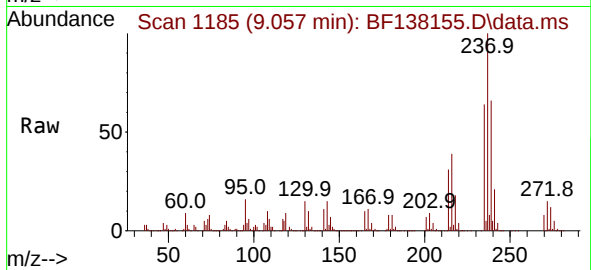
272 14.7 0.0 33.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/10/2024



#42

2,4,6-Tribromophenol

Concen: 133.998 ng

RT: 10.739 min Scan# 1471

Delta R.T. 0.006 min

Lab File: BF138155.D

Acq: 07 Jun 2024 12:33

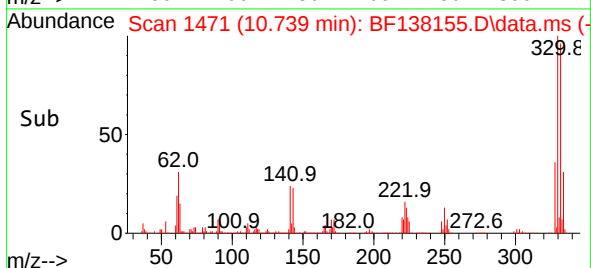
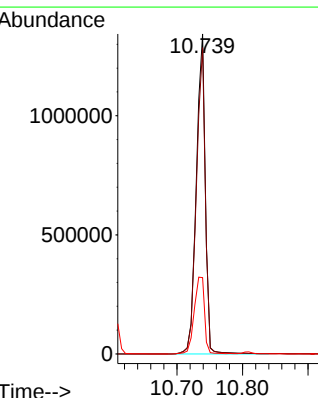
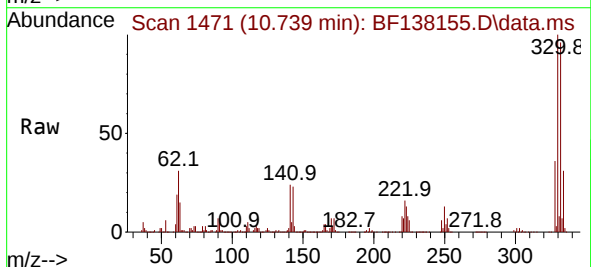
Tgt Ion:330 Resp: 1285728

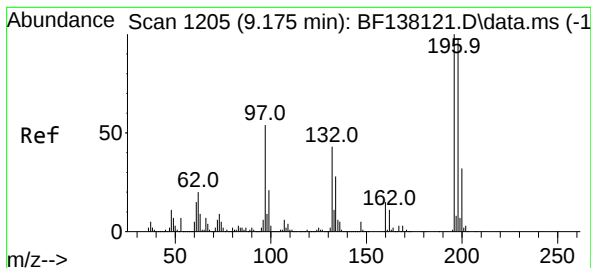
Ion Ratio Lower Upper

330 100

332 96.0 75.8 113.8

141 27.7 23.2 34.8





#43

2,4,6-Trichlorophenol

Concen: 50.523 ng

RT: 9.180 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138155.D

Acq: 07 Jun 2024 12:33

Instrument :

BNA_F

ClientSampleId :

PB161349BS

Tgt Ion:196 Resp: 86346

Ion Ratio Lower Upper

196 100

198 98.9 78.5 117.7

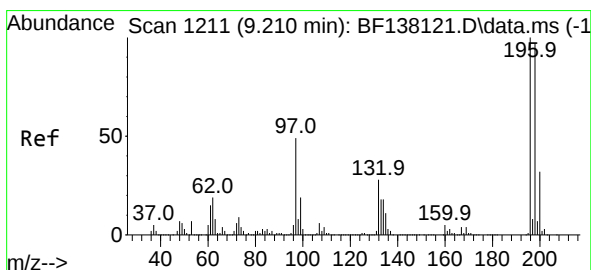
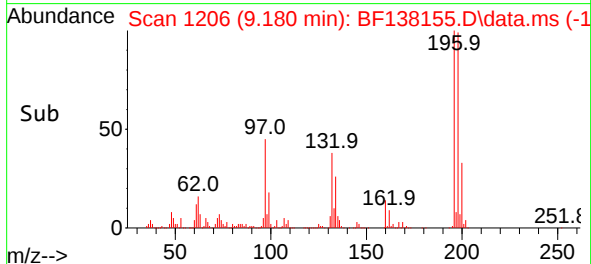
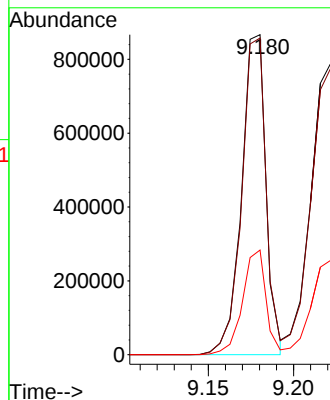
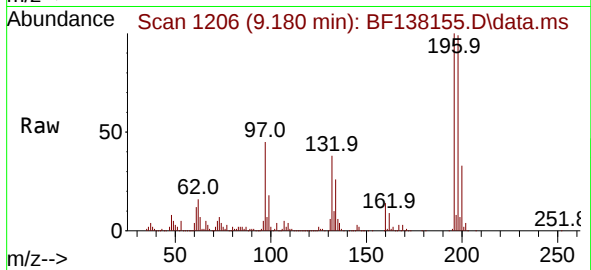
200 32.7 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/10/2024



#44

2,4,5-Trichlorophenol

Concen: 49.124 ng

RT: 9.222 min Scan# 1213

Delta R.T. 0.012 min

Lab File: BF138155.D

Acq: 07 Jun 2024 12:33

Tgt Ion:196 Resp: 925128

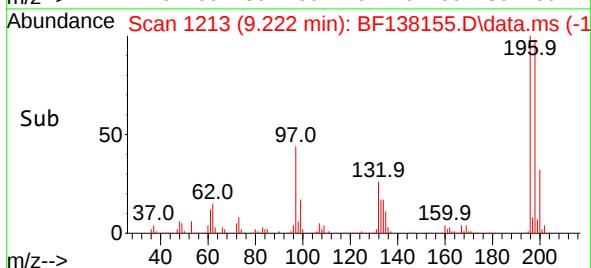
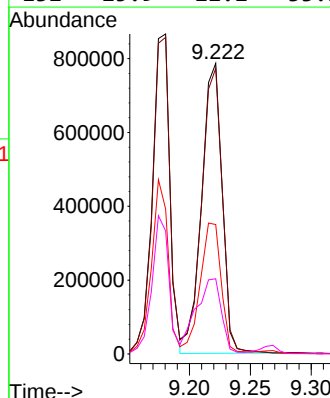
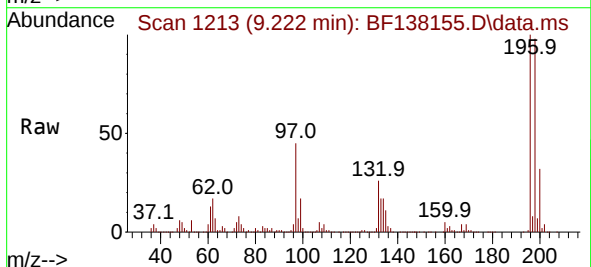
Ion Ratio Lower Upper

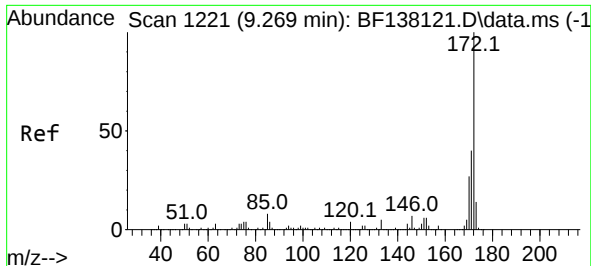
196 100

198 98.3 77.4 116.0

97 44.6 39.5 59.3

132 25.9 22.2 33.2





#45

2-Fluorobiphenyl

Concen: 82.626 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.000 min

Lab File: BF138155.D

Acq: 07 Jun 2024 12:33

Instrument :

BNA_F

ClientSampleId :

PB161349BS

Tgt Ion:172 Resp: 4711429

Ion Ratio Lower Upper

172 100

171 39.8 31.6 47.4

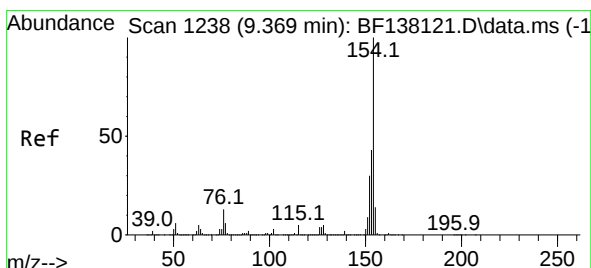
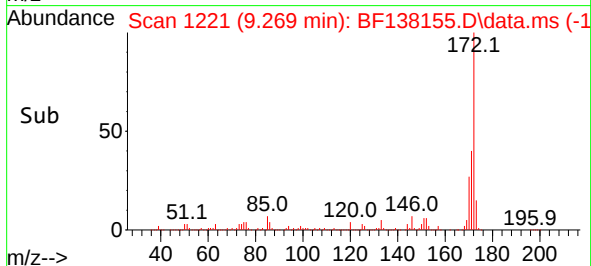
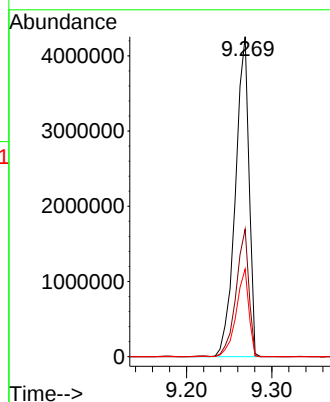
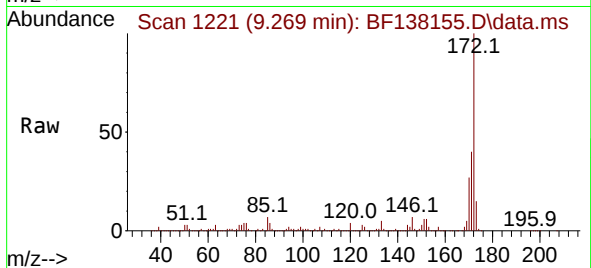
170 27.4 21.4 32.2

Manual Integrations

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#46

1,1'-Biphenyl

Concen: 43.876 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.000 min

Lab File: BF138155.D

Acq: 07 Jun 2024 12:33

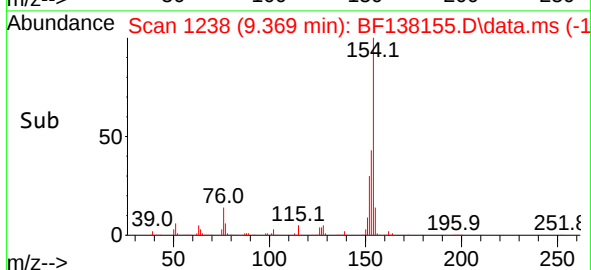
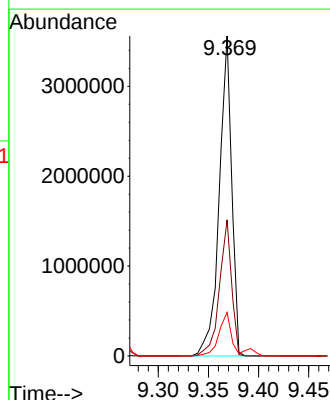
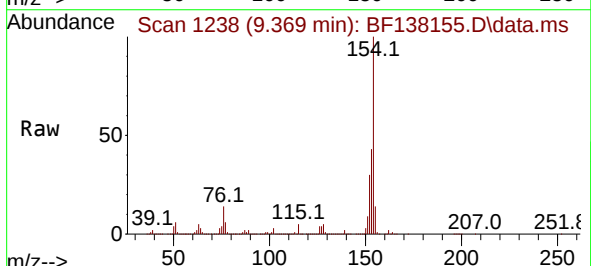
Tgt Ion:154 Resp: 3072829

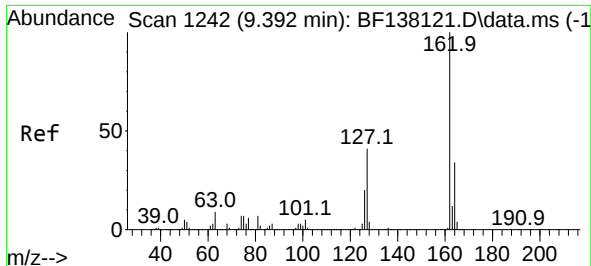
Ion Ratio Lower Upper

154 100

153 42.6 22.7 62.7

76 13.6 0.0 33.3





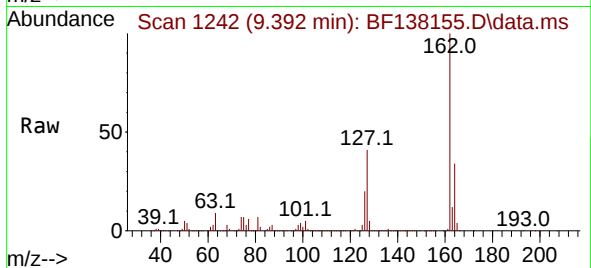
#47
2-Chloronaphthalene
Concen: 43.373 ng
RT: 9.392 min Scan# 1242
Delta R.T. 0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

Instrument :

BNA_F

ClientSampleId :

PB161349BS

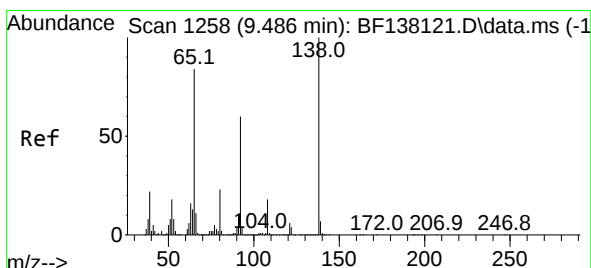
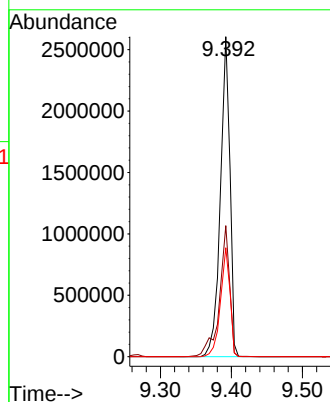
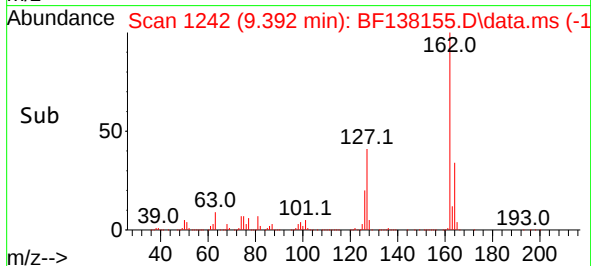


Tgt Ion:162 Resp: 2420780
Ion Ratio Lower Upper
162 100
127 40.9 33.0 49.4
164 34.1 27.5 41.3

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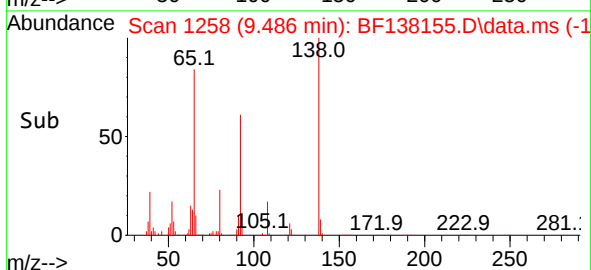
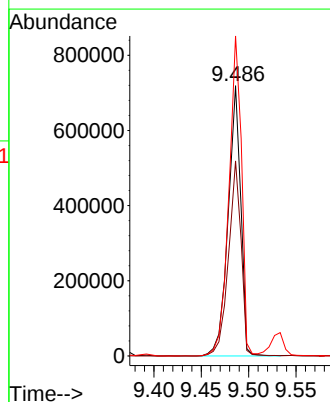
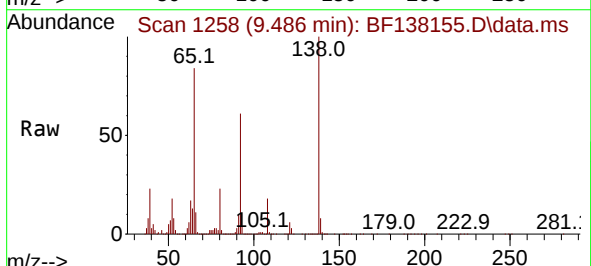
APPROVED

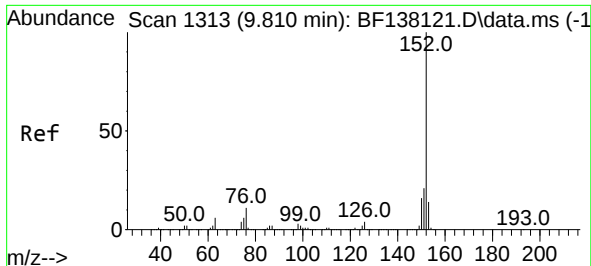
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#48
2-Nitroaniline
Concen: 48.333 ng
RT: 9.486 min Scan# 1258
Delta R.T. 0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

Tgt Ion: 65 Resp: 670827
Ion Ratio Lower Upper
65 100
92 72.2 57.3 85.9
138 118.4 95.4 143.2





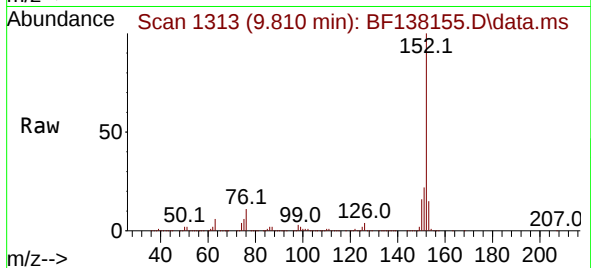
#49
Acenaphthylene
Concen: 46.233 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

Instrument :

BNA_F

ClientSampleId :

PB161349BS

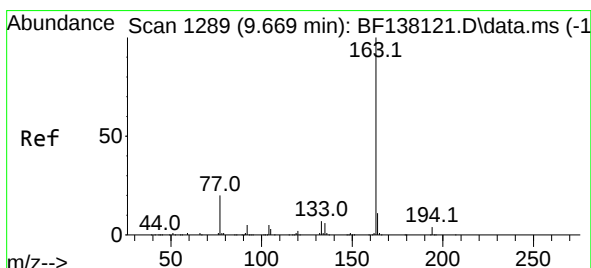
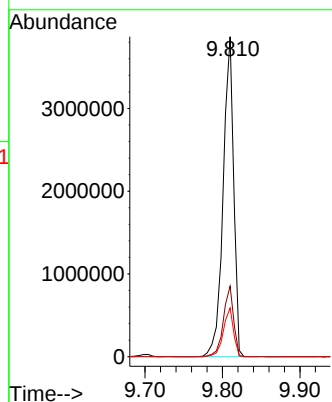
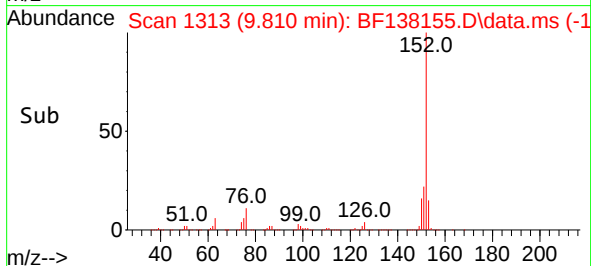


Tgt Ion:152 Resp: 3651579
Ion Ratio Lower Upper
152 100
151 22.1 17.1 25.7
153 15.2 11.6 17.4

Manual Integrations

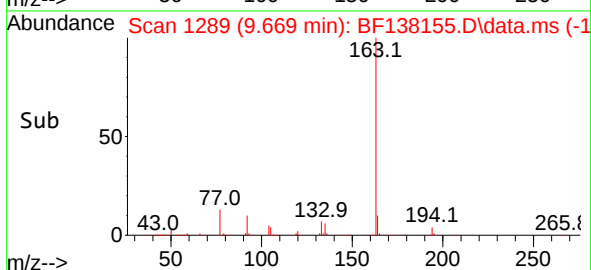
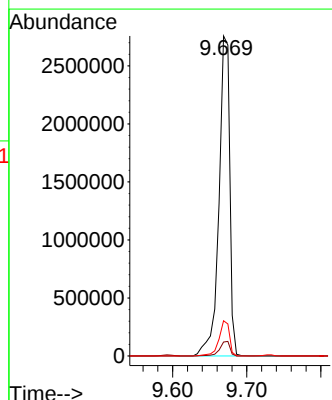
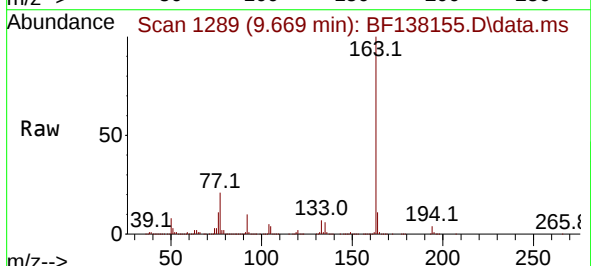
APPROVED

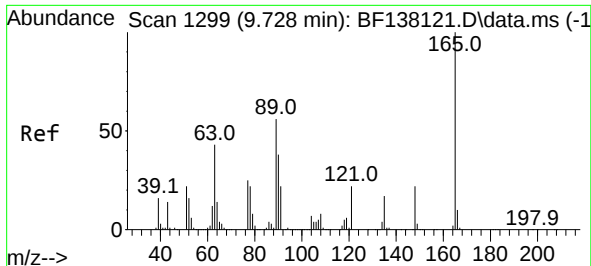
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#50
Dimethylphthalate
Concen: 44.653 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

Tgt Ion:163 Resp: 2797438
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 11.0 8.6 12.8





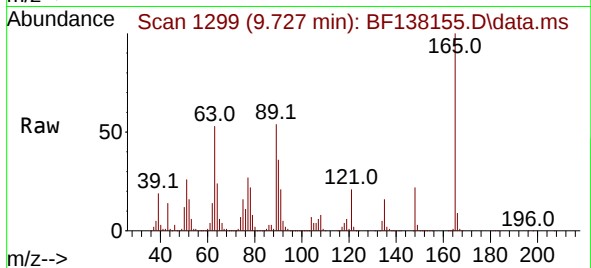
#51
2,6-Dinitrotoluene
Concen: 47.847 ng
RT: 9.727 min Scan# 1299
Delta R.T. -0.001 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

Instrument :

BNA_F

ClientSampleId :

PB161349BS

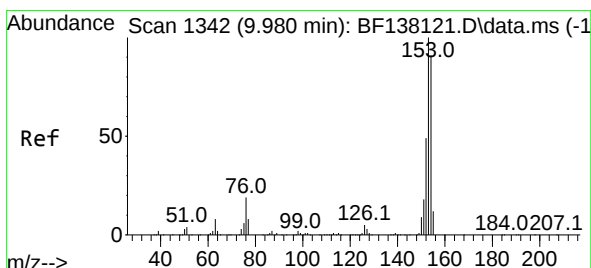
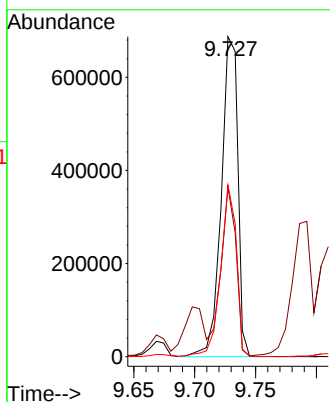
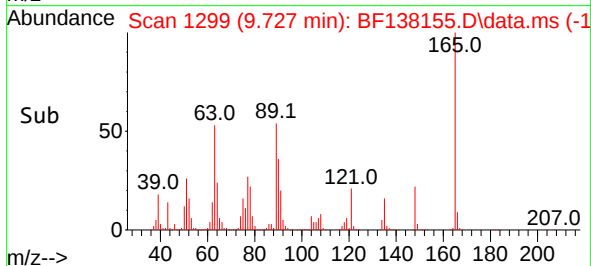


Tgt Ion:165 Resp: 650412
Ion Ratio Lower Upper
165 100
63 52.9 42.9 64.3
89 53.6 45.0 67.4

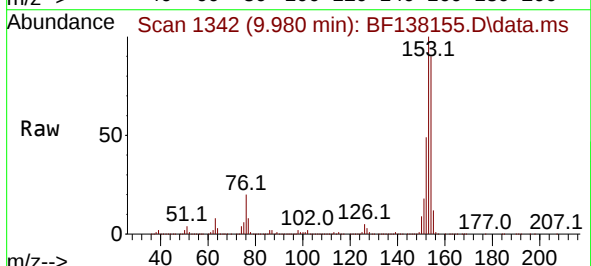
Manual Integrations

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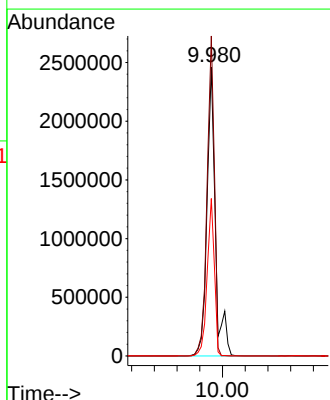
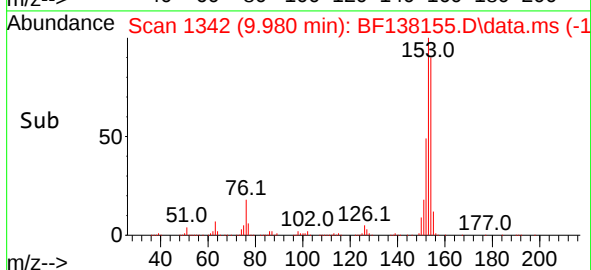
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

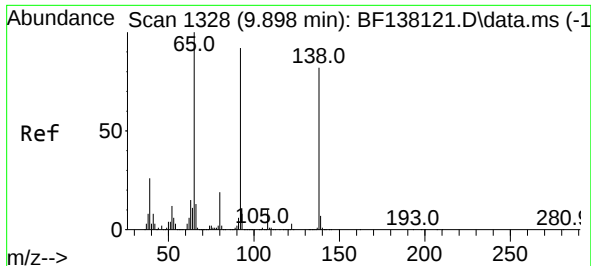


#52
Acenaphthene
Concen: 47.036 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33



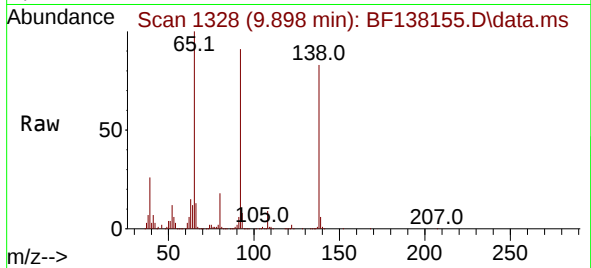
Tgt Ion:154 Resp: 2510092
Ion Ratio Lower Upper
154 100
153 110.7 87.6 131.4
152 54.5 43.0 64.6





#53
3-Nitroaniline
Concen: 33.335 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

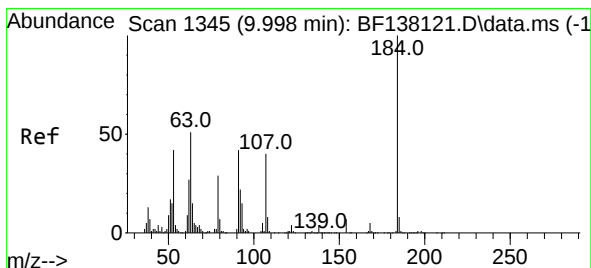
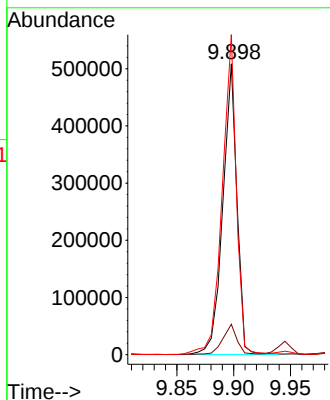
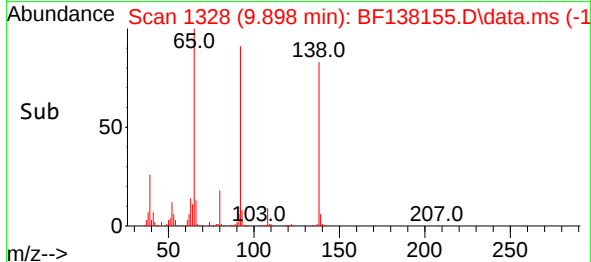
Instrument :
BNA_F
ClientSampleId :
PB161349BS



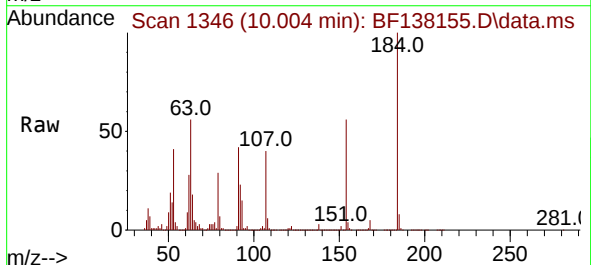
Tgt Ion:138 Resp: 440628
Ion Ratio Lower Upper
138 100
108 10.5 10.3 15.5
92 110.0 89.5 134.3

Manual Integrations
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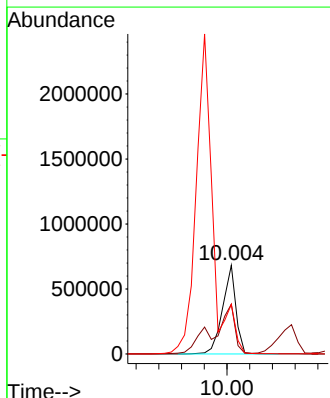
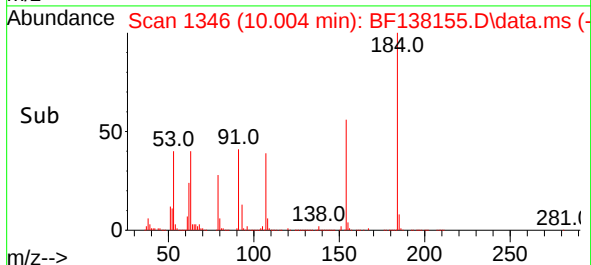
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

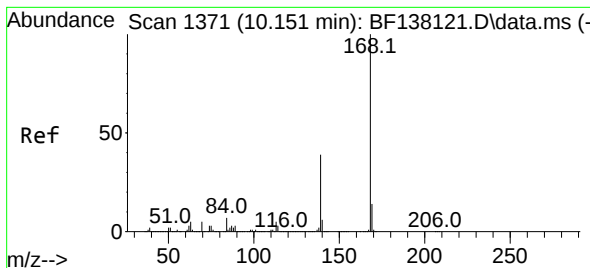


#54
2,4-Dinitrophenol
Concen: 94.904 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33



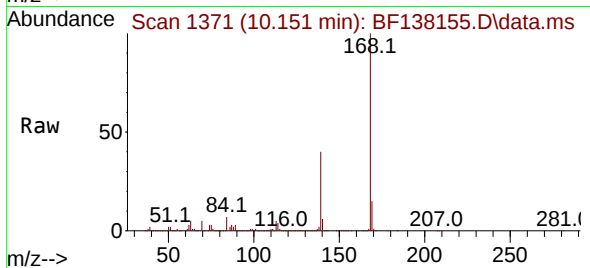
Tgt Ion:184 Resp: 558473
Ion Ratio Lower Upper
184 100
63 56.1 45.4 68.0
154 56.0 46.0 69.0





#55
Dibenzofuran
Concen: 44.383 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

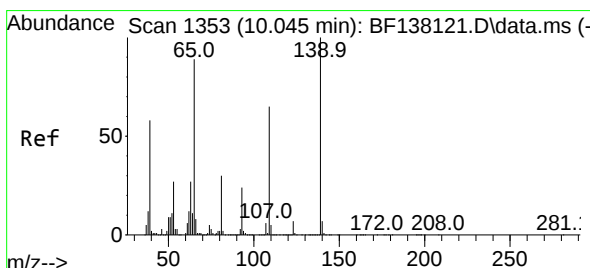
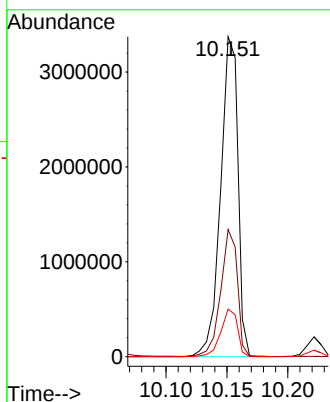
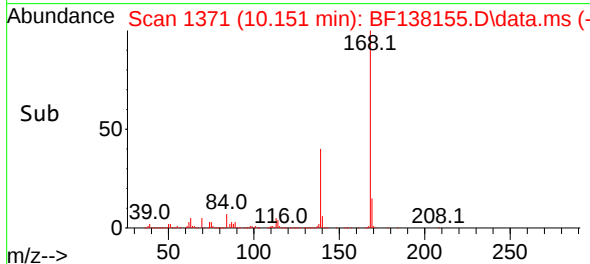
Instrument :
BNA_F
ClientSampleId :
PB161349BS



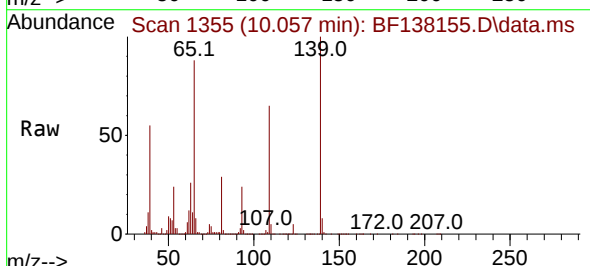
Tgt Ion:168 Resp: 3350149
Ion Ratio Lower Upper
168 100
139 39.8 31.1 46.7
169 14.9 11.6 17.4

Manual Integrations
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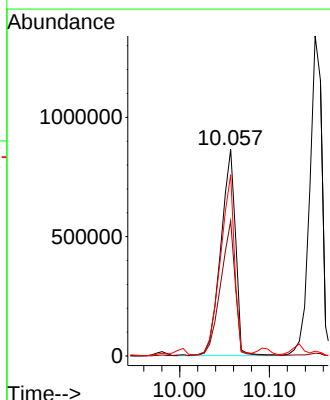
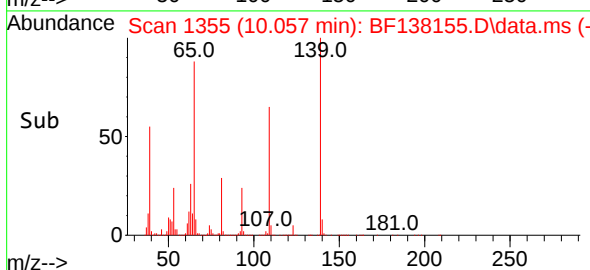
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

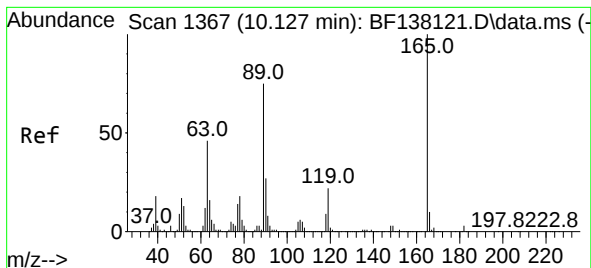


#56
4-Nitrophenol
Concen: 103.412 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.012 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33



Tgt Ion:139 Resp: 985376
Ion Ratio Lower Upper
139 100
109 65.4 45.5 85.5
65 87.8 69.1 109.1





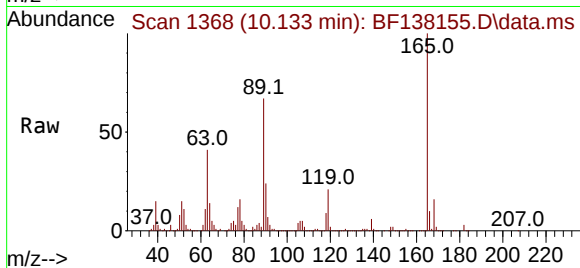
#57
2,4-Dinitrotoluene
Concen: 50.772 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

Instrument :

BNA_F

ClientSampleId :

PB161349BS

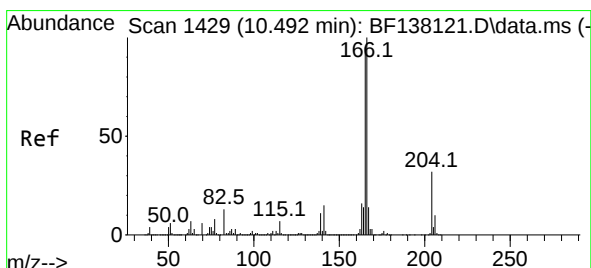
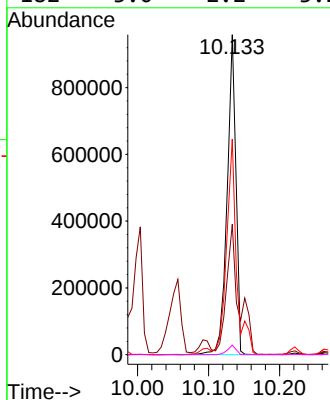
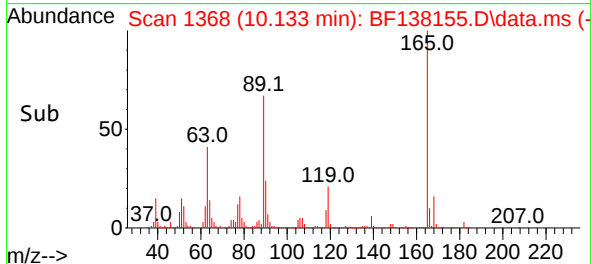


Tgt Ion:165 Resp: 826500
Ion Ratio Lower Upper
165 100
63 40.8 36.8 55.2
89 67.4 60.2 90.2
182 3.0 2.2 3.2

Manual Integrations

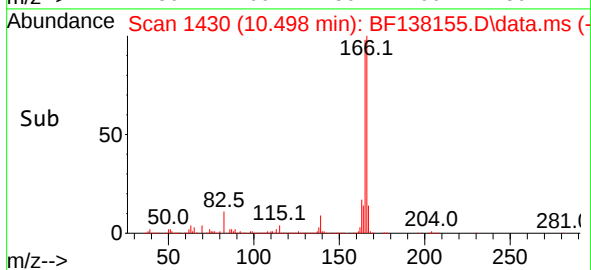
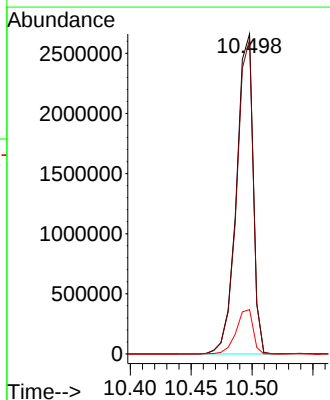
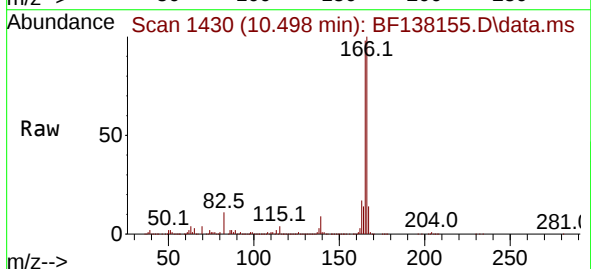
APPROVED

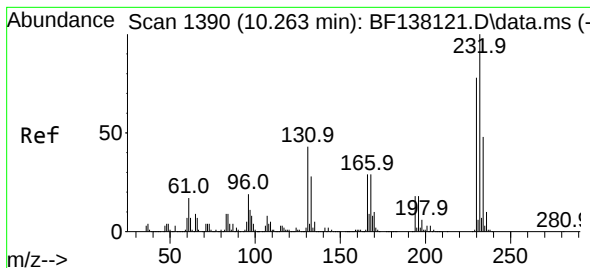
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#58
Fluorene
Concen: 42.143 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

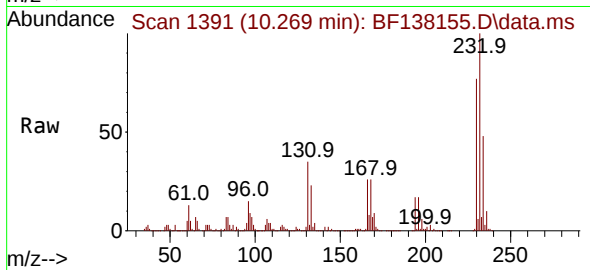
Tgt Ion:166 Resp: 2526653
Ion Ratio Lower Upper
166 100
165 98.3 76.3 114.5
167 13.9 11.2 16.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.135 ng
RT: 10.269 min Scan# 1390
Delta R.T. 0.006 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

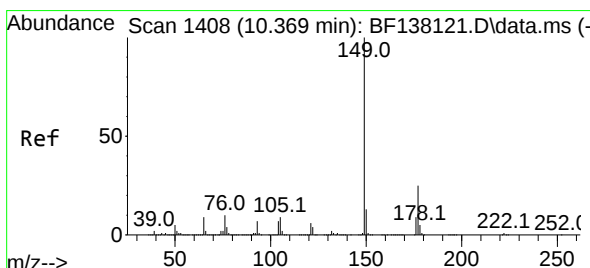
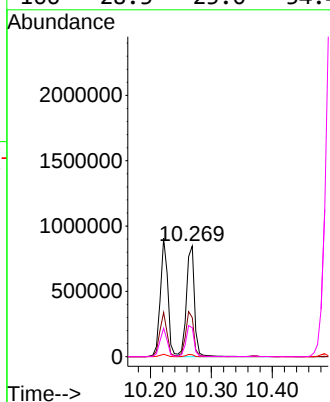
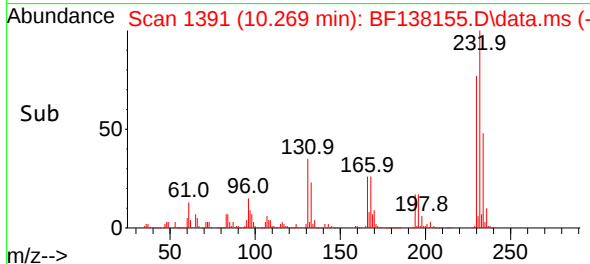
Instrument :
BNA_F
ClientSampleId :
PB161349BS



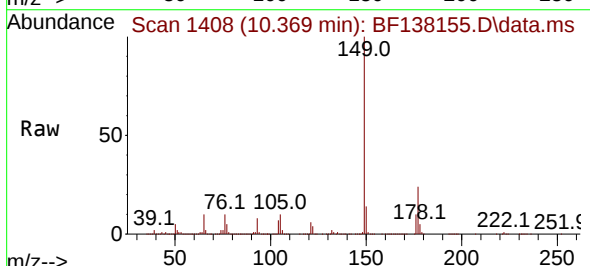
Tgt Ion:232 Resp: 774420
Ion Ratio Lower Upper
232 100
131 40.5 33.7 50.5
130 2.0 1.7 2.5
166 28.3 23.0 34.4

Manual Integrations
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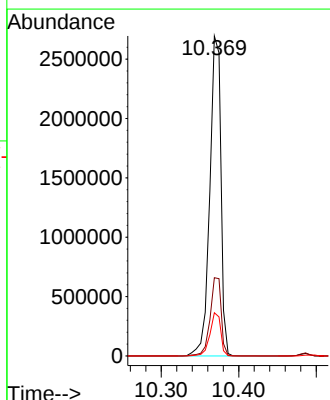
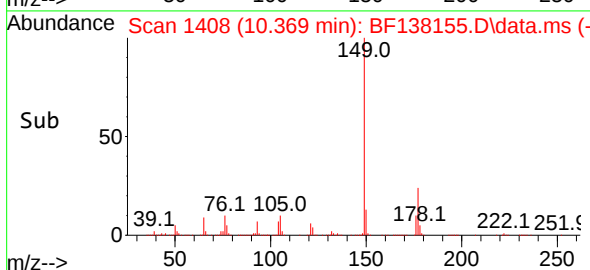
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

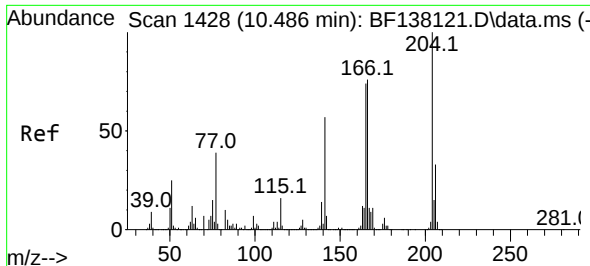


#60
Diethylphthalate
Concen: 43.976 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33



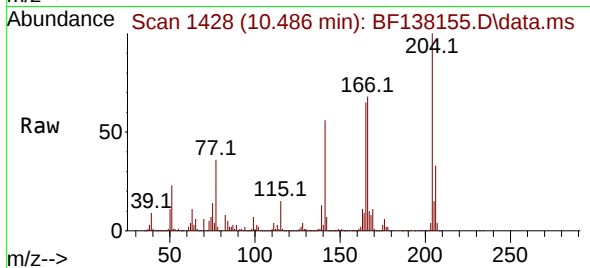
Tgt Ion:149 Resp: 2689465
Ion Ratio Lower Upper
149 100
177 24.5 19.9 29.9
150 13.5 10.7 16.1





#61
4-Chlorophenyl-phenylether
Concen: 42.677 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

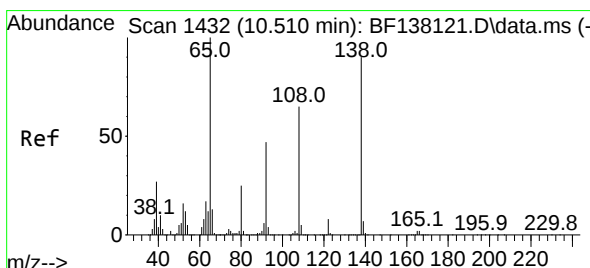
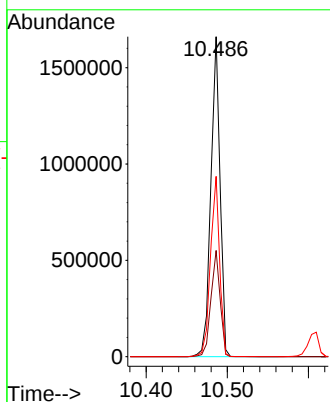
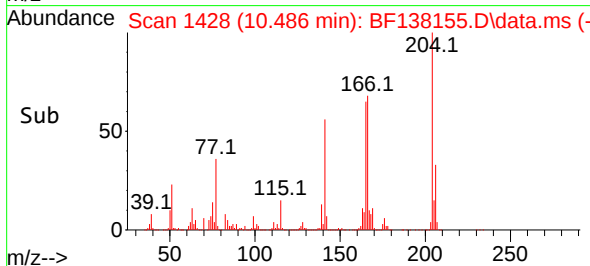
Instrument :
BNA_F
ClientSampleId :
PB161349BS



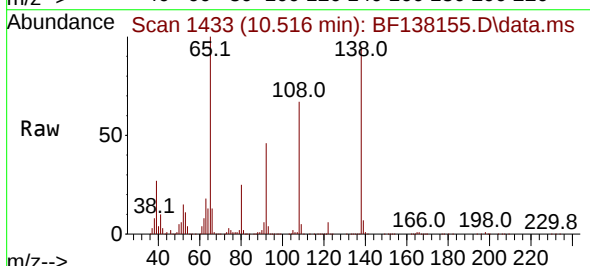
Tgt Ion:204 Resp: 1299878
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 56.4 45.2 67.8

Manual Integrations
APPROVED

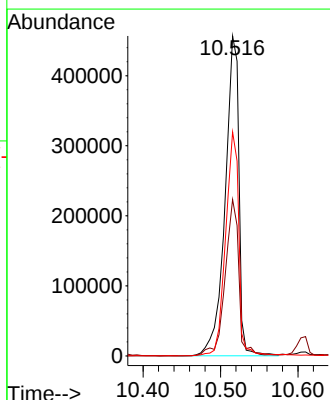
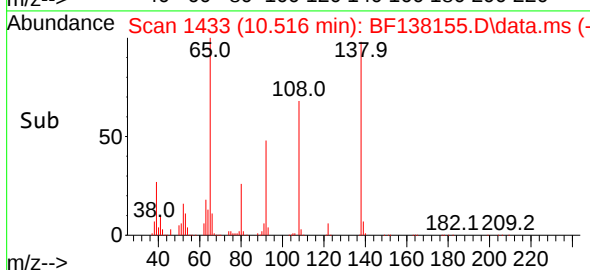
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

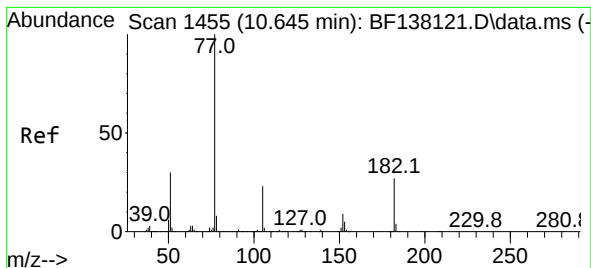


#62
4-Nitroaniline
Concen: 48.717 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33



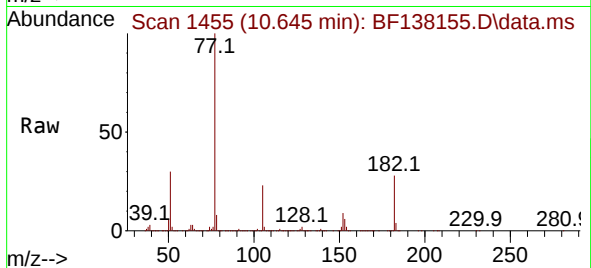
Tgt Ion:138 Resp: 569678
Ion Ratio Lower Upper
138 100
92 48.9 32.3 72.3
108 70.0 53.0 93.0





#63
Azobenzene
Concen: 43.309 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

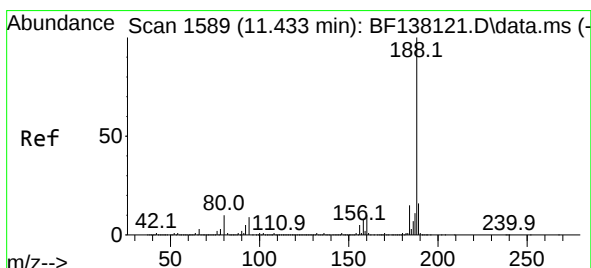
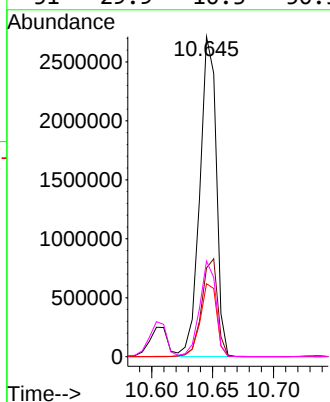
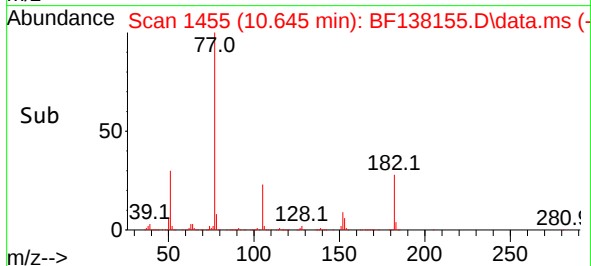
Instrument :
BNA_F
ClientSampleId :
PB161349BS



Tgt Ion: 77 Resp: 2551129
Ion Ratio Lower Upper
77 100
182 27.7 7.2 47.2
105 22.8 3.0 43.0
51 29.9 10.3 50.3

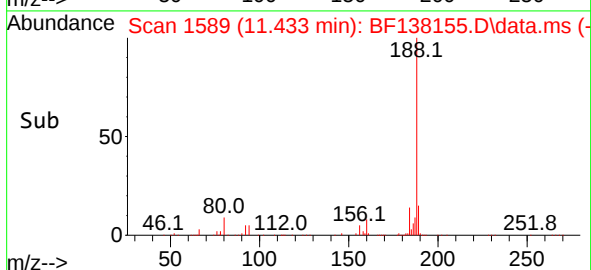
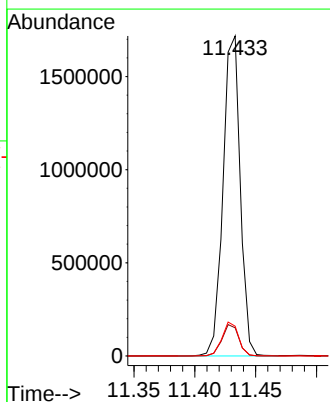
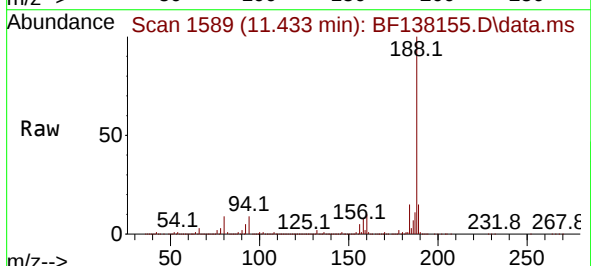
Manual Integrations
APPROVED

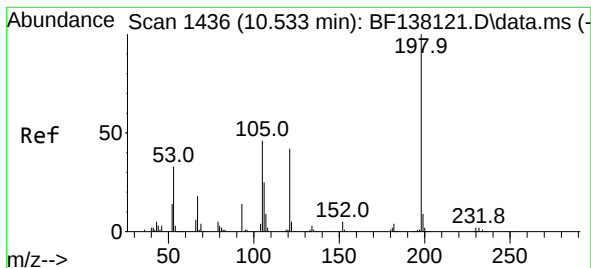
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

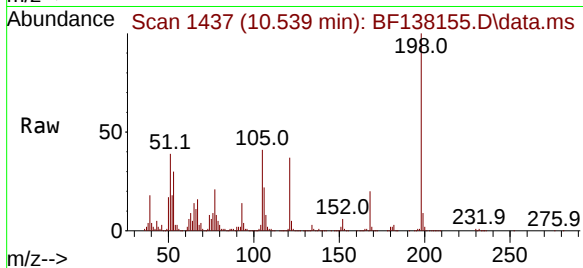
Tgt Ion:188 Resp: 1694084
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.3 7.7 11.5





#65
4,6-Dinitro-2-methylphenol
Concen: 56.653 ng
RT: 10.539 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

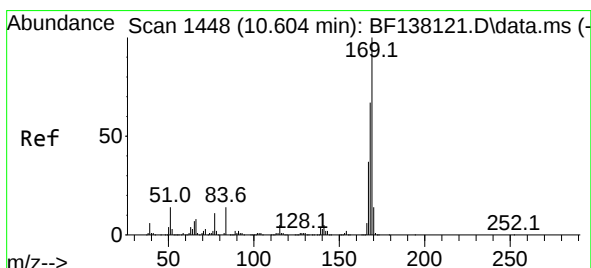
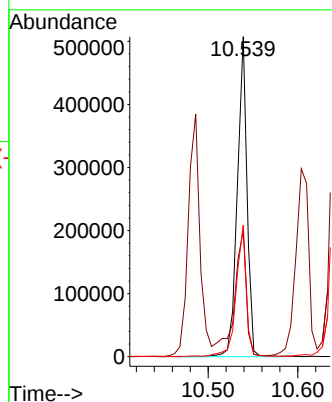
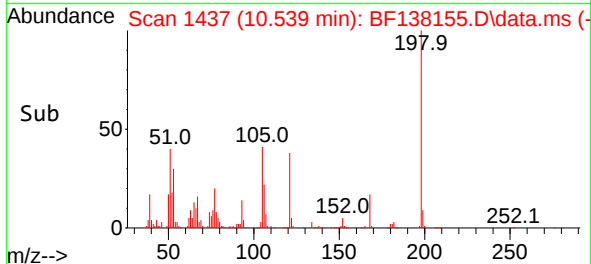
Instrument :
BNA_F
ClientSampleId :
PB161349BS



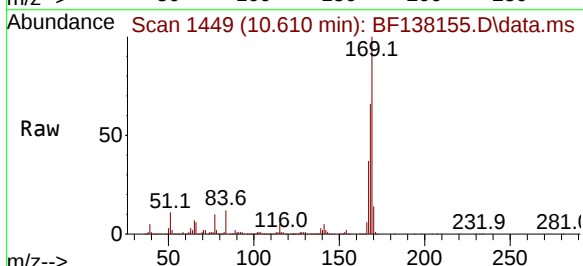
Tgt Ion:198 Resp: 382818
Ion Ratio Lower Upper
198 100
51 39.3 28.2 68.2
105 41.1 26.8 66.8

Manual Integrations
APPROVED

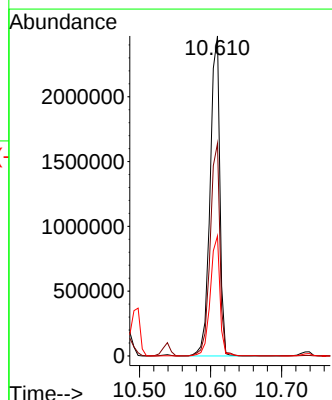
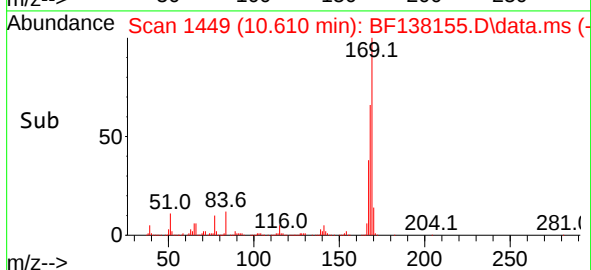
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

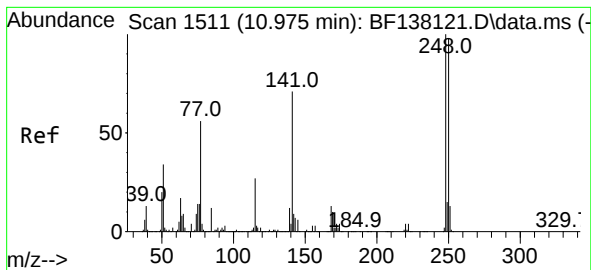


#66
n-Nitrosodiphenylamine
Concen: 46.440 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33



Tgt Ion:169 Resp: 2349378
Ion Ratio Lower Upper
169 100
168 66.4 53.4 80.2
167 37.5 29.8 44.6





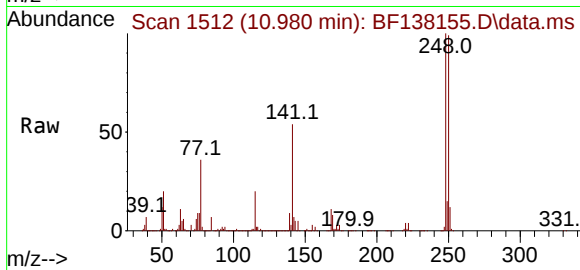
#67
4-Bromophenyl-phenylether
Concen: 46.985 ng
RT: 10.980 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

Instrument :

BNA_F

ClientSampleId :

PB161349BS

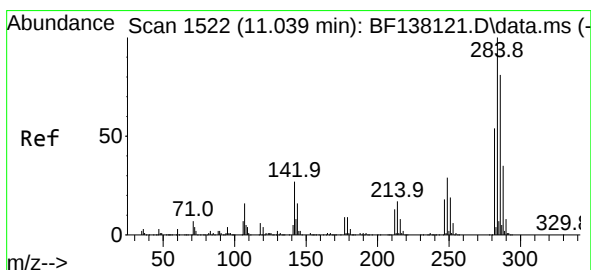
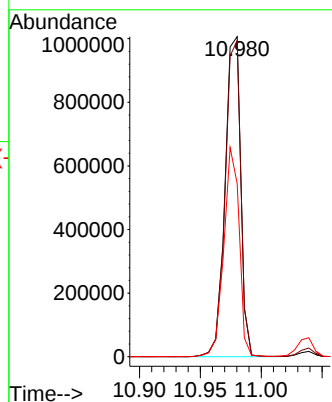
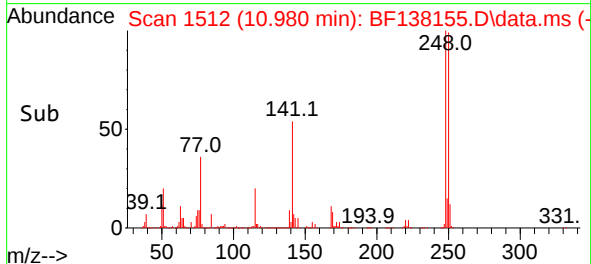


Tgt Ion:248 Resp: 906309
Ion Ratio Lower Upper
248 100
250 98.8 78.7 118.1
141 54.1 56.5 84.7

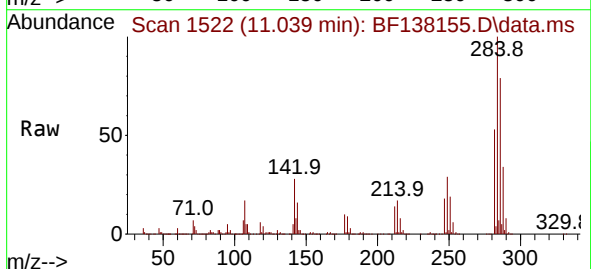
Manual Integrations

APPROVED

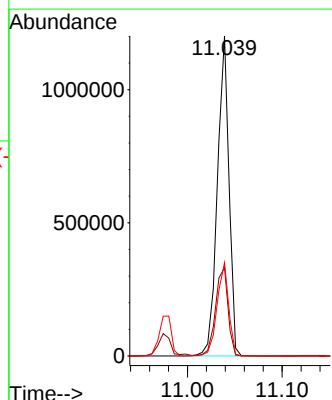
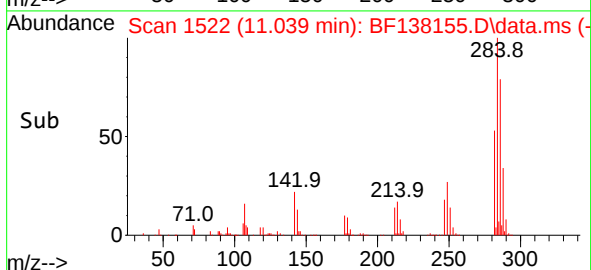
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

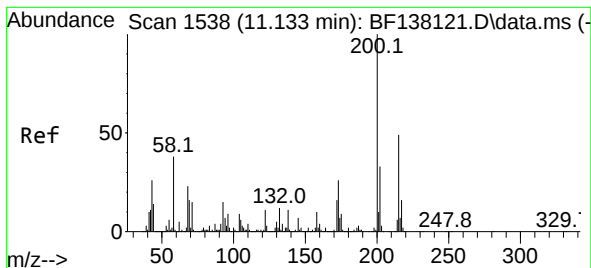


#68
Hexachlorobenzene
Concen: 45.482 ng
RT: 11.039 min Scan# 1522
Delta R.T. -0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33



Tgt Ion:284 Resp: 1019931
Ion Ratio Lower Upper
284 100
142 27.6 21.4 32.0
249 29.2 23.3 34.9





#69

Atrazine

Concen: 49.540 ng

RT: 11.133 min Scan# 1538

Delta R.T. -0.000 min

Lab File: BF138155.D

Acq: 07 Jun 2024 12:33

Instrument :

BNA_F

ClientSampleId :

PB161349BS

Tgt Ion:200 Resp: 80633

Ion Ratio Lower Upper

200 100

173 26.9 5.7 45.7

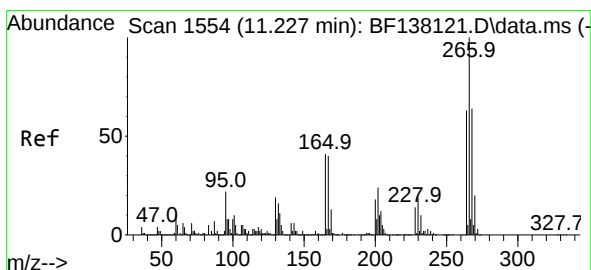
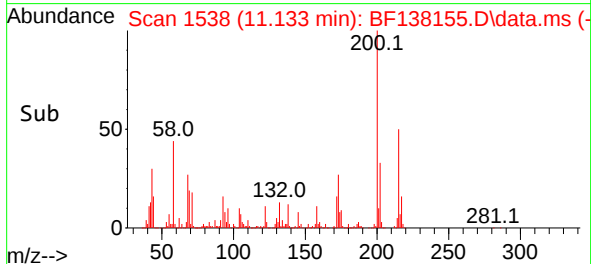
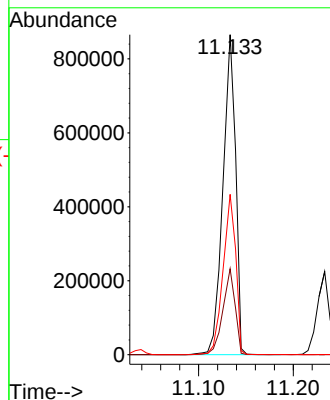
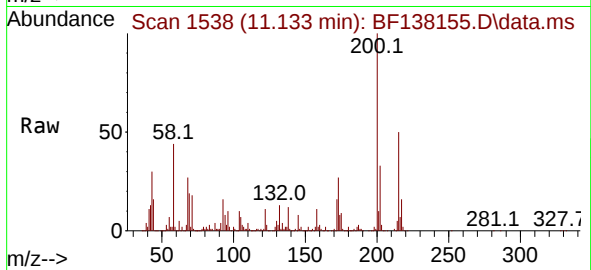
215 50.1 29.4 69.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/10/2024



#70

Pentachlorophenol

Concen: 98.022 ng

RT: 11.233 min Scan# 1555

Delta R.T. 0.006 min

Lab File: BF138155.D

Acq: 07 Jun 2024 12:33

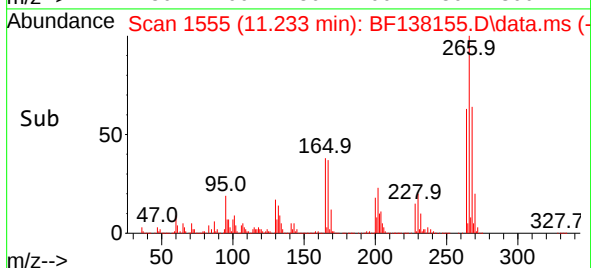
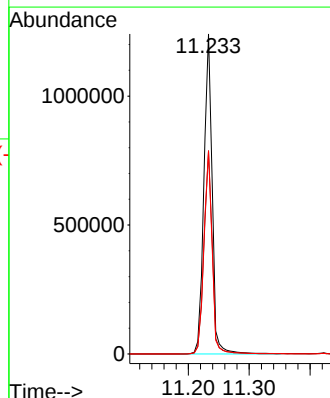
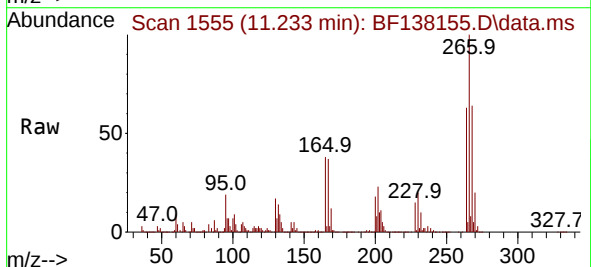
Tgt Ion:266 Resp: 1176690

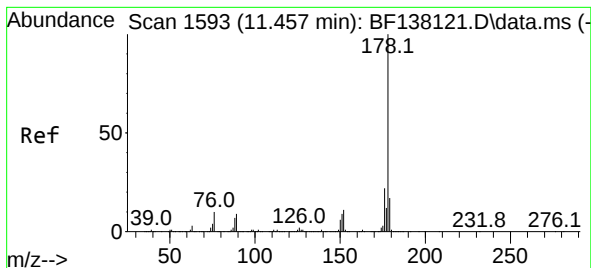
Ion Ratio Lower Upper

266 100

268 63.5 51.4 77.0

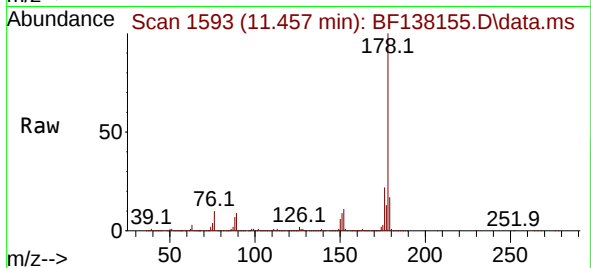
264 63.5 50.1 75.1





#71
Phenanthrene
Concen: 44.952 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

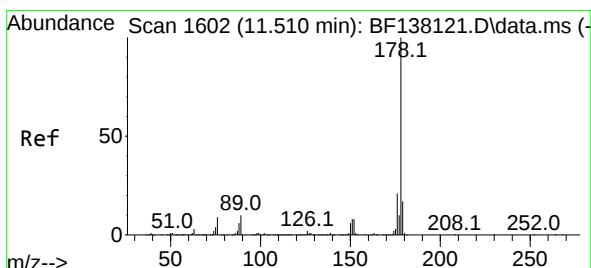
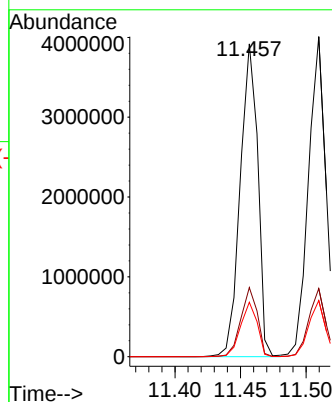
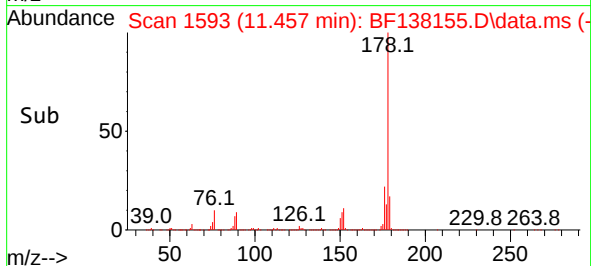
Instrument :
BNA_F
ClientSampleId :
PB161349BS



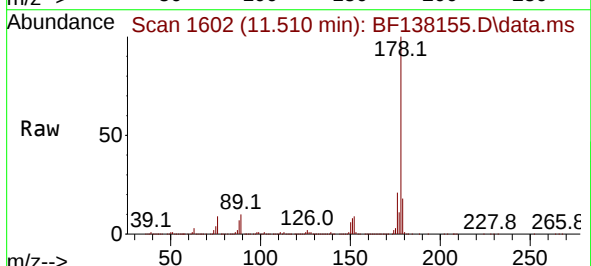
Tgt Ion:178 Resp: 366598
Ion Ratio Lower Upper
178 100
176 22.1 17.2 25.8
179 17.4 13.6 20.4

Manual Integrations
APPROVED

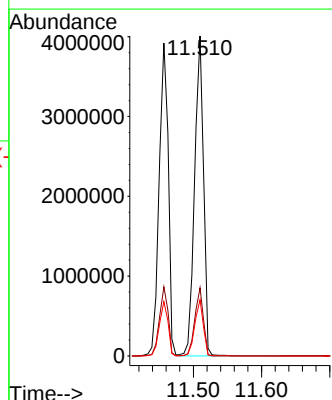
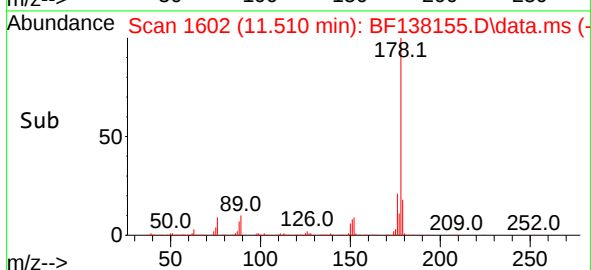
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

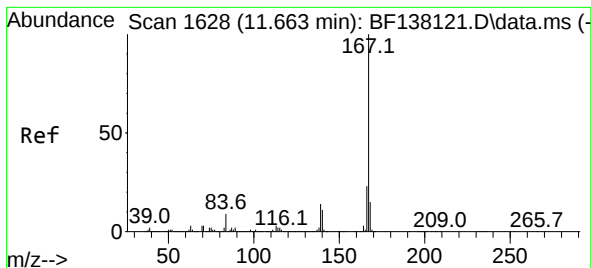


#72
Anthracene
Concen: 44.736 ng
RT: 11.510 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33



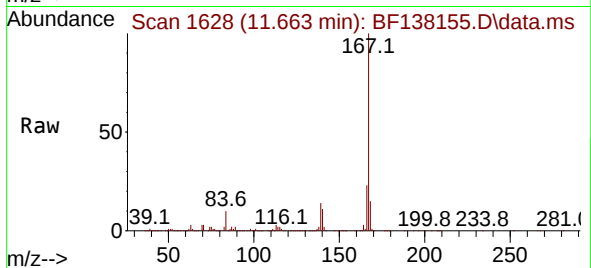
Tgt Ion:178 Resp: 3638834
Ion Ratio Lower Upper
178 100
176 21.3 16.5 24.7
179 17.6 13.6 20.4





#73
 Carbazole
 Concen: 42.411 ng
 RT: 11.663 min Scan# 1628
 Delta R.T. -0.000 min
 Lab File: BF138155.D
 Acq: 07 Jun 2024 12:33

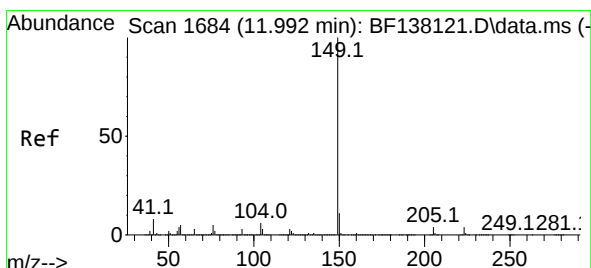
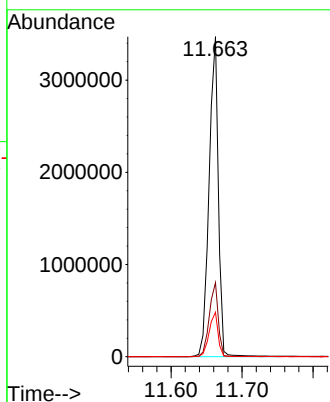
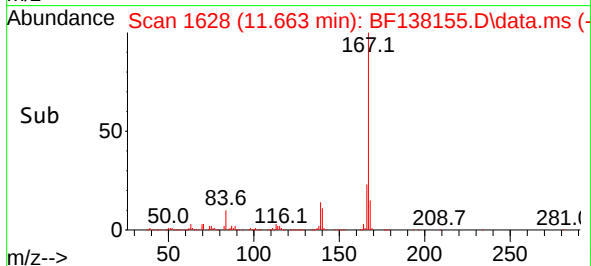
Instrument :
 BNA_F
 ClientSampleId :
 PB161349BS



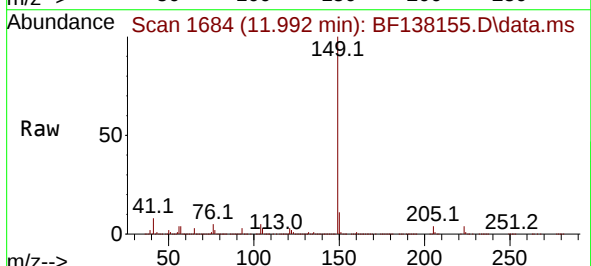
Tgt Ion:167 Resp: 315486
 Ion Ratio Lower Upper
 167 100
 166 23.2 18.6 27.8
 139 13.9 11.0 16.6

Manual Integrations
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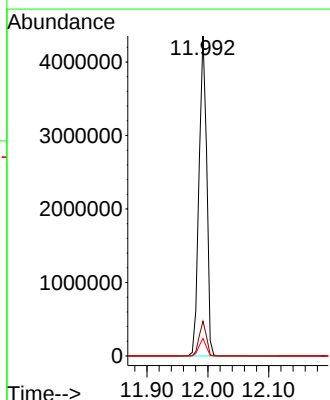
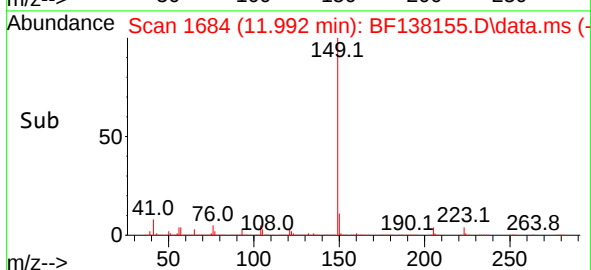
Reviewed By :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/10/2024

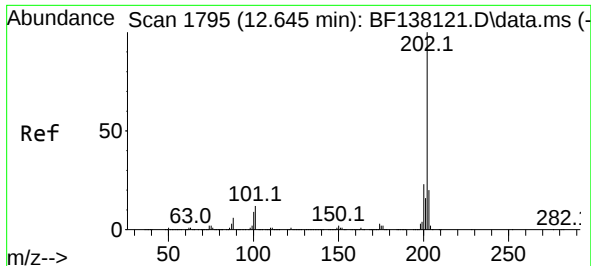


#74
 Di-n-butylphthalate
 Concen: 43.608 ng
 RT: 11.992 min Scan# 1684
 Delta R.T. -0.000 min
 Lab File: BF138155.D
 Acq: 07 Jun 2024 12:33



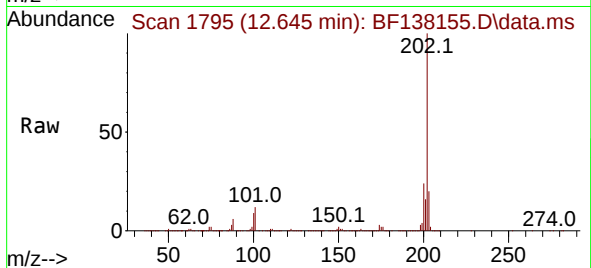
Tgt Ion:149 Resp: 3812870
 Ion Ratio Lower Upper
 149 100
 150 10.8 8.5 12.7
 104 5.5 4.4 6.6





#75
Fluoranthene
Concen: 41.263 ng
RT: 12.645 min Scan# 1795
Delta R.T. -0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

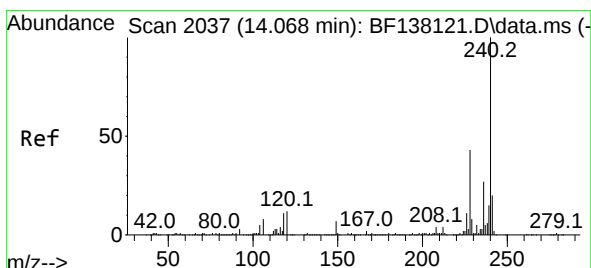
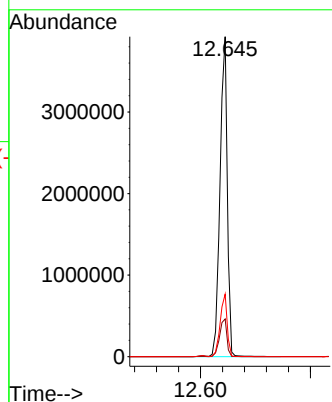
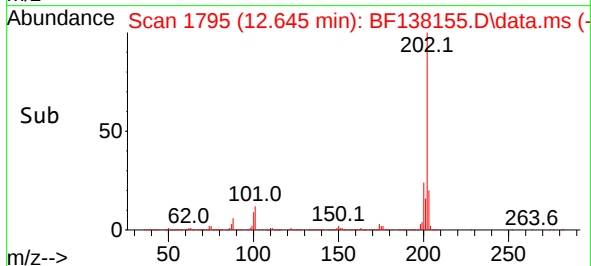
Instrument :
BNA_F
ClientSampleId :
PB161349BS



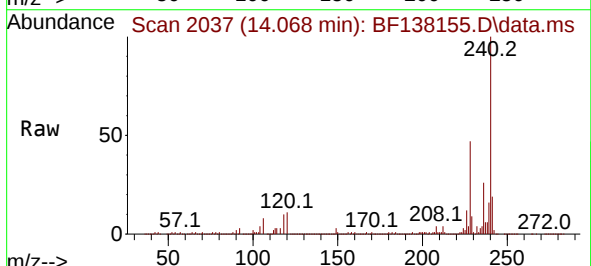
Tgt Ion:202 Resp: 363092
Ion Ratio Lower Upper
202 100
101 11.8 0.0 32.2
203 19.5 0.0 39.5

Manual Integrations
APPROVED

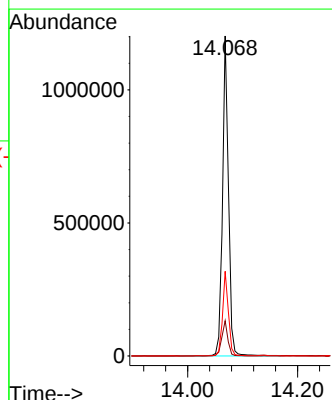
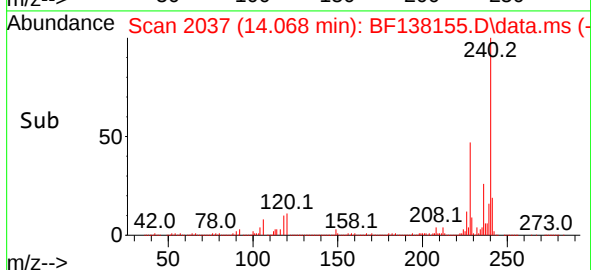
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

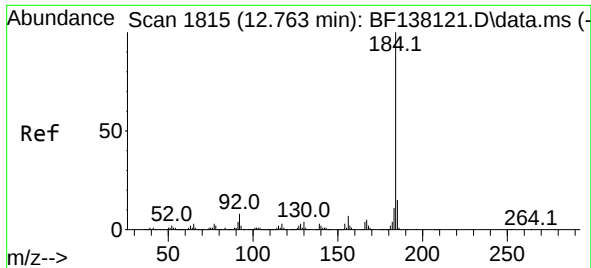


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33



Tgt Ion:240 Resp: 904477
Ion Ratio Lower Upper
240 100
120 11.0 9.8 14.8
236 26.4 21.2 31.8





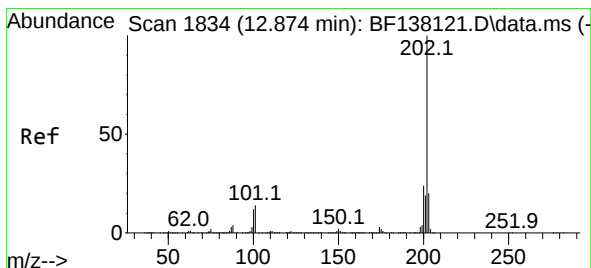
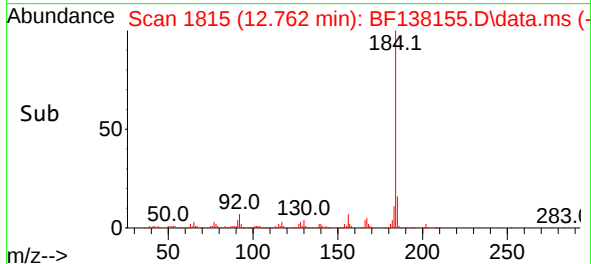
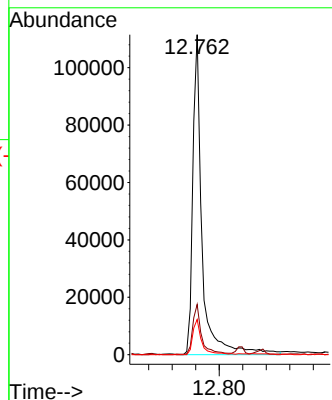
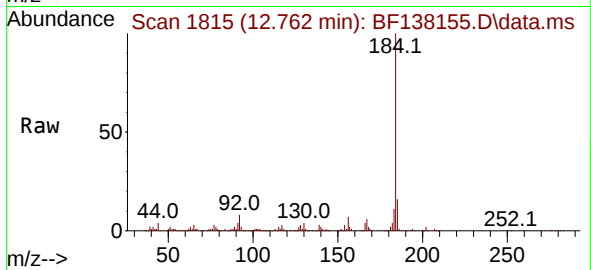
#77
Benzidine
Concen: 13.207 ng
RT: 12.762 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

Instrument :
BNA_F
ClientSampleId :
PB161349BS

Tgt Ion:184 Resp: 12292
Ion Ratio Lower Upper
184 100
185 15.7 12.2 18.2
183 11.0 9.0 13.4

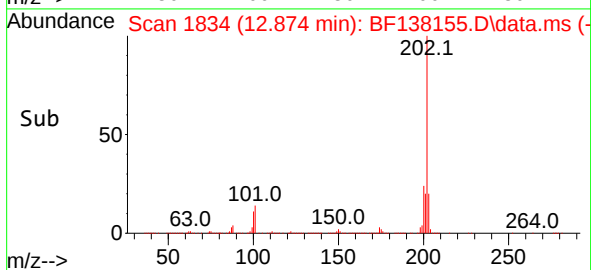
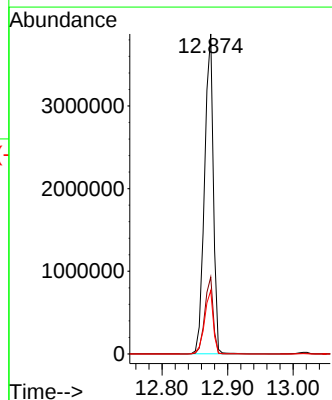
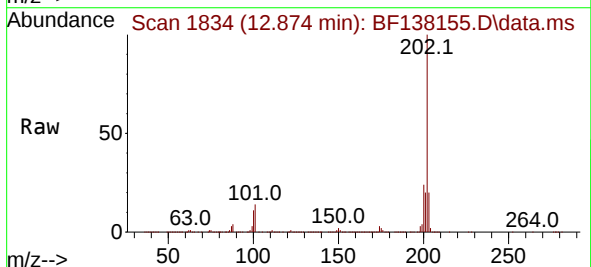
Manual Integrations
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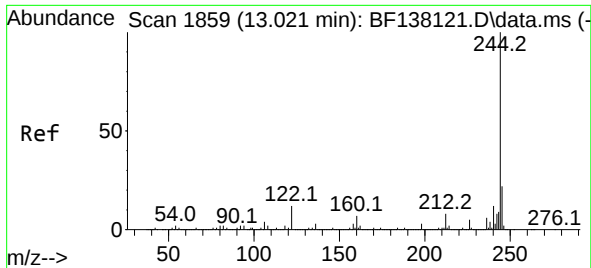
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#78
Pyrene
Concen: 44.262 ng
RT: 12.874 min Scan# 1834
Delta R.T. -0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

Tgt Ion:202 Resp: 3620562
Ion Ratio Lower Upper
202 100
200 24.0 19.1 28.7
203 19.8 15.6 23.4





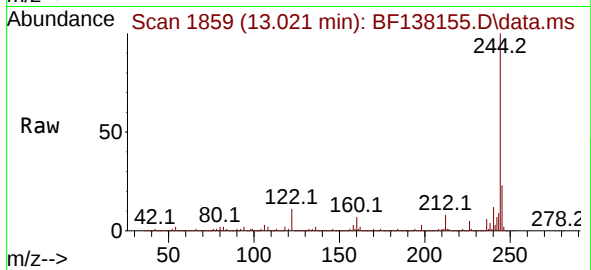
#79
Terphenyl-d14
Concen: 83.162 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

Instrument :

BNA_F

ClientSampleId :

PB161349BS

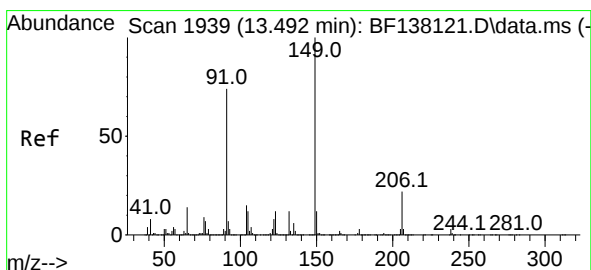
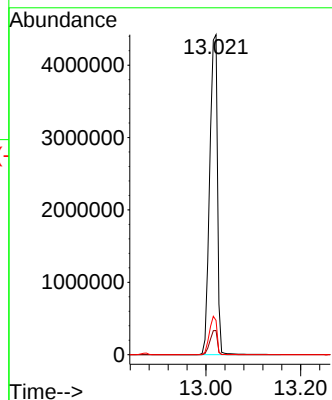
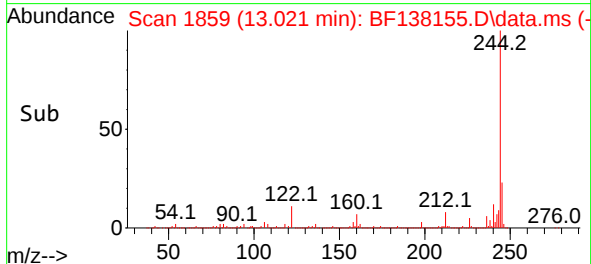


Tgt Ion:244 Resp: 502887
Ion Ratio Lower Upper
244 100
212 7.5 6.4 9.6
122 10.7 9.4 14.2

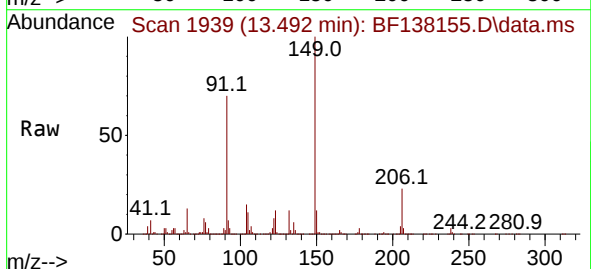
Manual Integrations

APPROVED

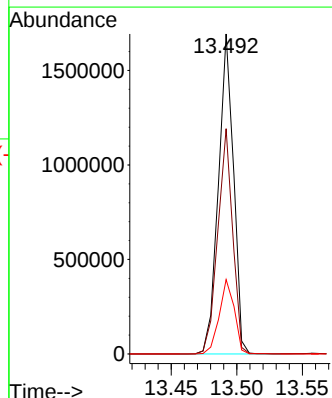
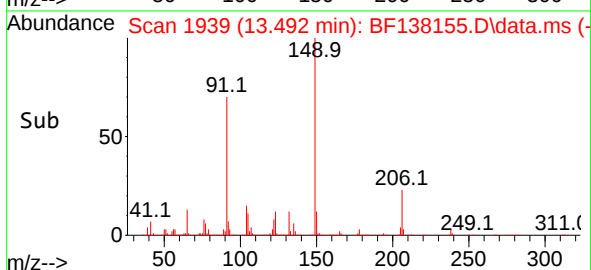
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

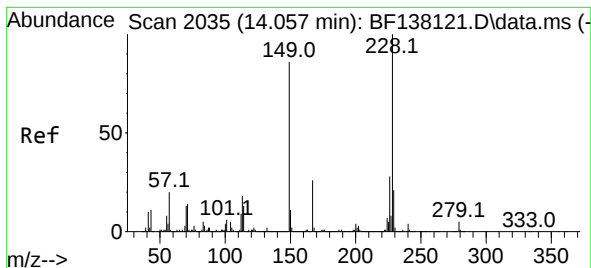


#80
Butylbenzylphthalate
Concen: 50.107 ng
RT: 13.492 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33



Tgt Ion:149 Resp: 1353430
Ion Ratio Lower Upper
149 100
91 70.4 59.6 89.4
206 23.2 17.8 26.6





#81

Benzo(a)anthracene

Concen: 45.145 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF138155.D

Acq: 07 Jun 2024 12:33

Instrument :

BNA_F

ClientSampleId :

PB161349BS

Tgt Ion:228 Resp: 257619

Ion Ratio Lower Upper

228 100

226 28.3 22.7 34.1

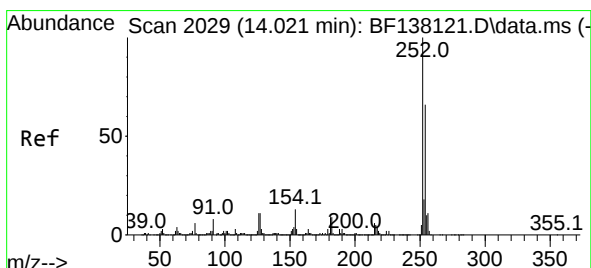
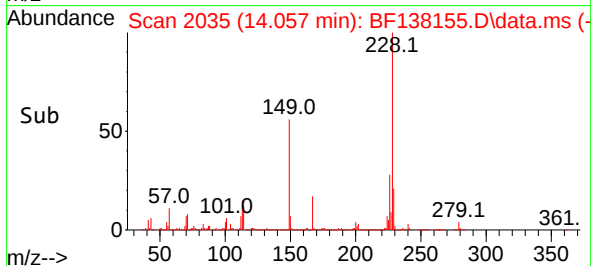
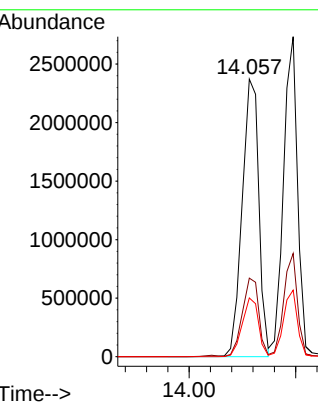
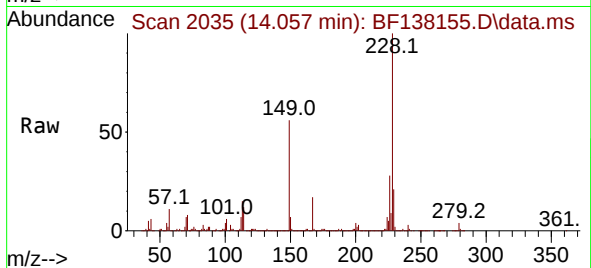
229 21.1 16.7 25.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/10/2024



#82

3,3'-Dichlorobenzidine

Concen: 39.336 ng

RT: 14.021 min Scan# 2029

Delta R.T. -0.000 min

Lab File: BF138155.D

Acq: 07 Jun 2024 12:33

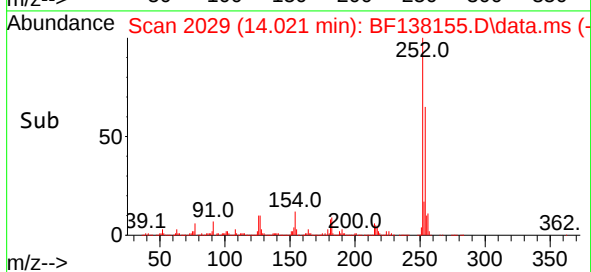
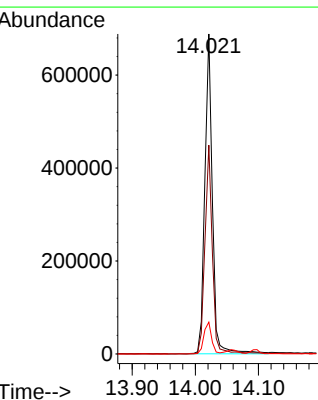
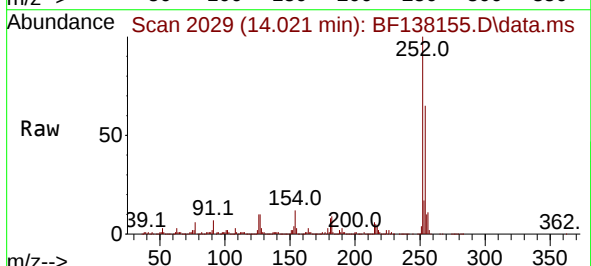
Tgt Ion:252 Resp: 568936

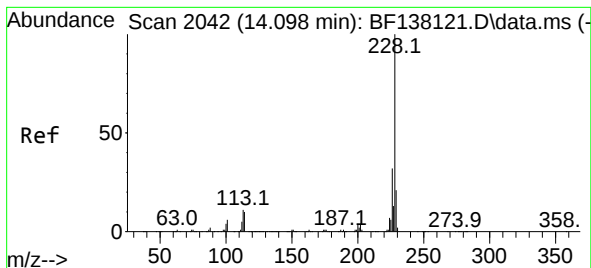
Ion Ratio Lower Upper

252 100

254 65.3 52.9 79.3

126 10.0 8.8 13.2





#83

Chrysene

Concen: 46.064 ng

RT: 14.098 min Scan# 2042

Delta R.T. -0.000 min

Lab File: BF138155.D

Acq: 07 Jun 2024 12:33

Instrument :

BNA_F

ClientSampleId :

PB161349BS

Tgt Ion:228 Resp: 2522694

Ion Ratio Lower Upper

228 100

226 32.2 25.6 38.4

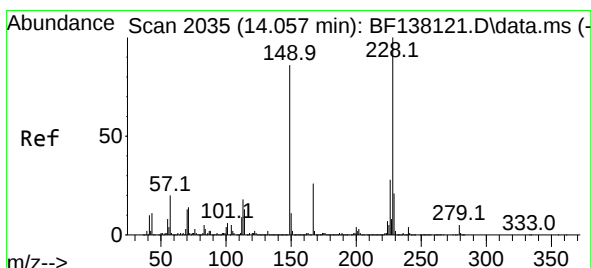
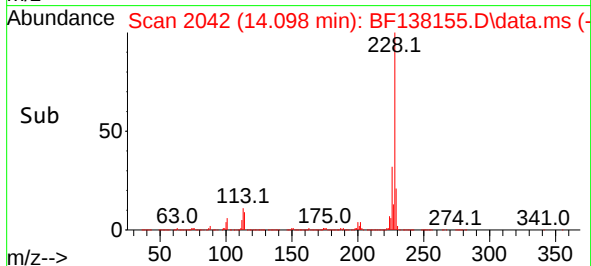
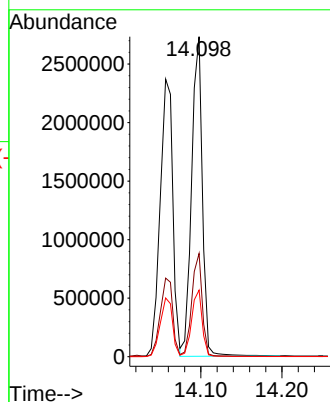
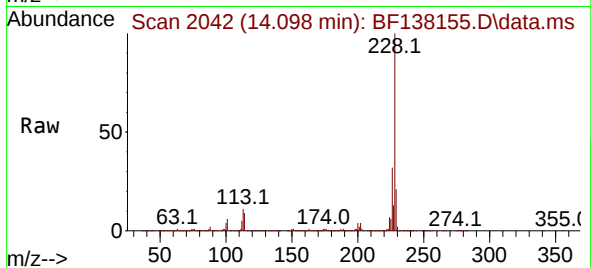
229 20.8 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/10/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.396 ng

RT: 14.051 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BF138155.D

Acq: 07 Jun 2024 12:33

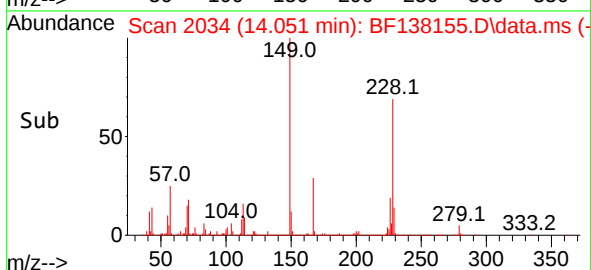
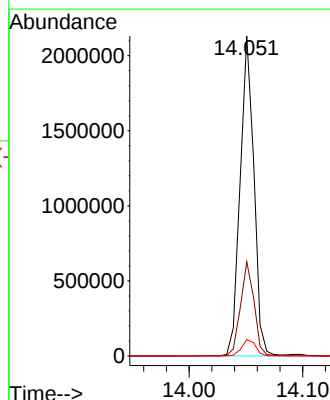
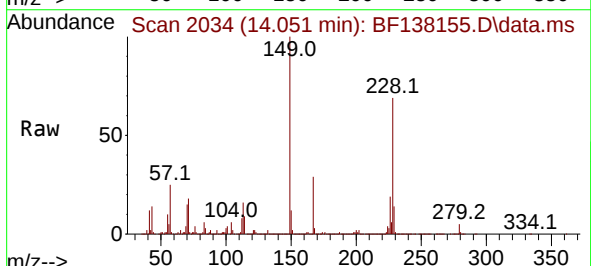
Tgt Ion:149 Resp: 1786477

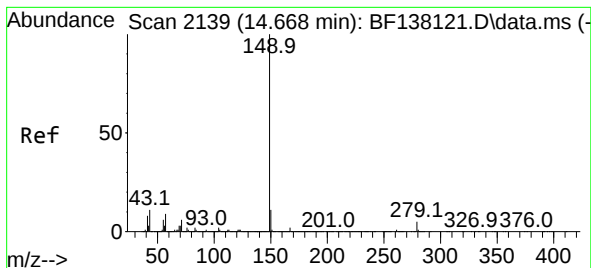
Ion Ratio Lower Upper

149 100

167 29.4 24.2 36.2

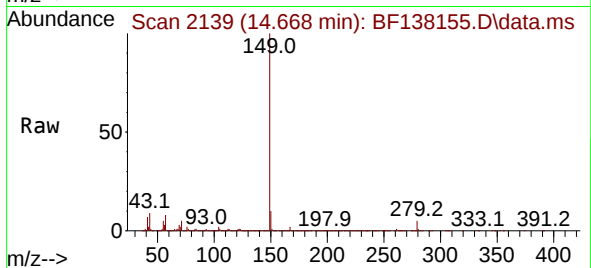
279 5.1 4.6 6.8





#85
Di-n-octyl phthalate
Concen: 48.965 ng
RT: 14.668 min Scan# 2139
Delta R.T. -0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

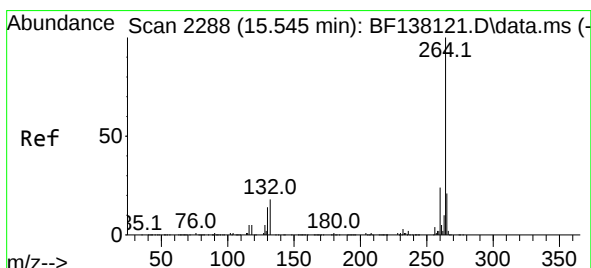
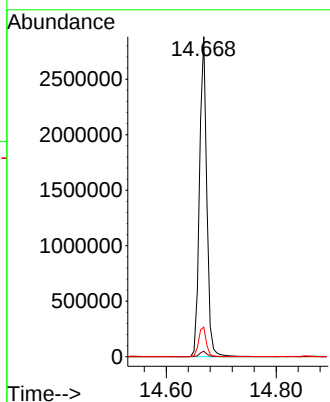
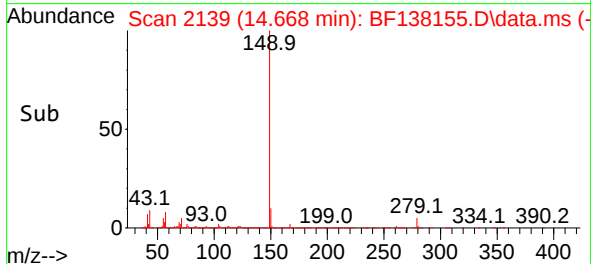
Instrument :
BNA_F
ClientSampleId :
PB161349BS



Tgt Ion:149 Resp: 265236
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 9.8 8.4 12.6

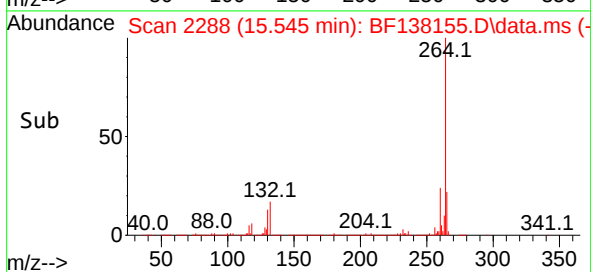
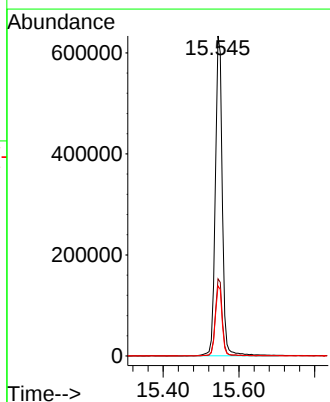
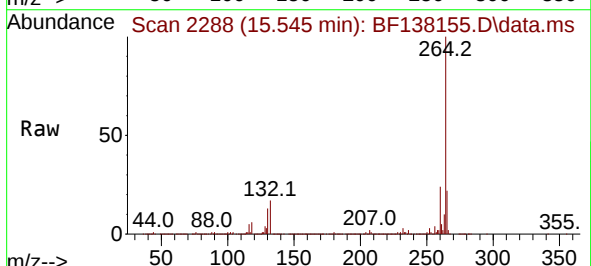
Manual Integrations
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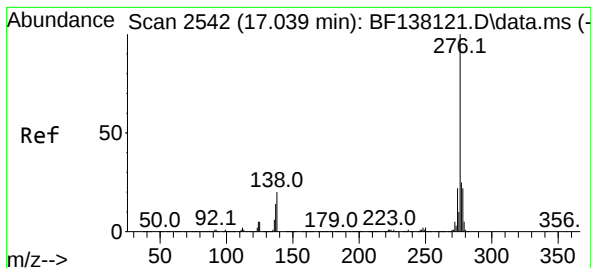
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2288
Delta R.T. -0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

Tgt Ion:264 Resp: 807662
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 21.9 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.505 ng

RT: 17.039 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF138155.D

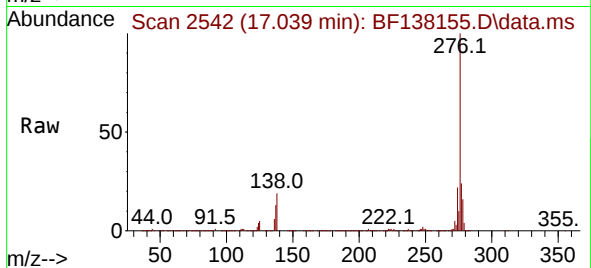
Acq: 07 Jun 2024 12:33

Instrument :

BNA_F

ClientSampleId :

PB161349BS



Tgt Ion:276 Resp: 227690

Ion Ratio Lower Upper

276 100

138 22.6 18.9 28.3

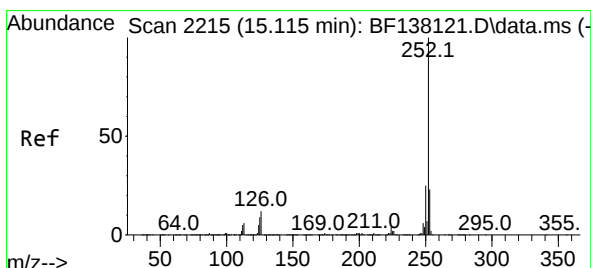
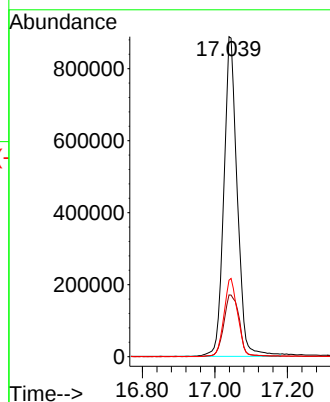
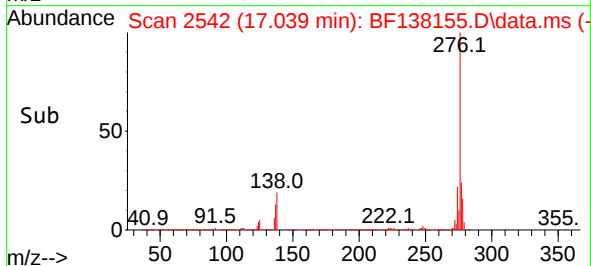
277 25.2 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/10/2024



#88

Benzo(b)fluoranthene

Concen: 45.645 ng

RT: 15.115 min Scan# 2215

Delta R.T. -0.000 min

Lab File: BF138155.D

Acq: 07 Jun 2024 12:33

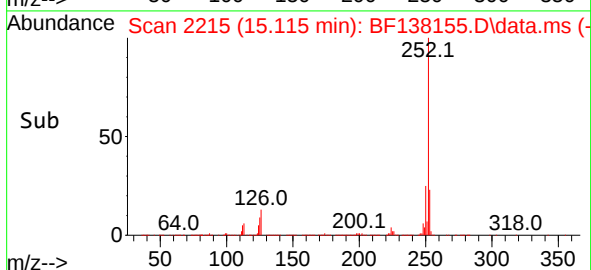
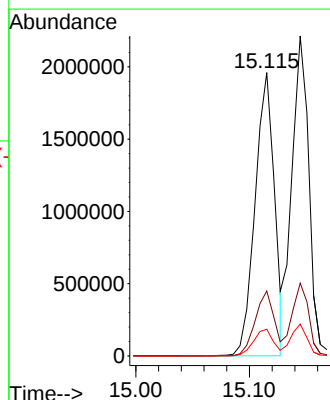
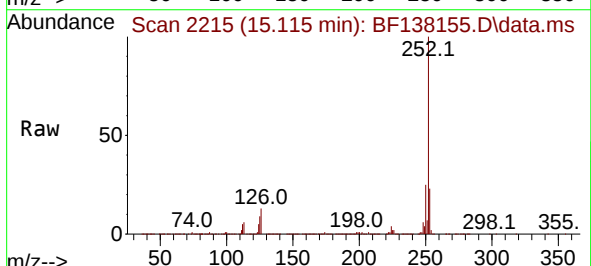
Tgt Ion:252 Resp: 2317585

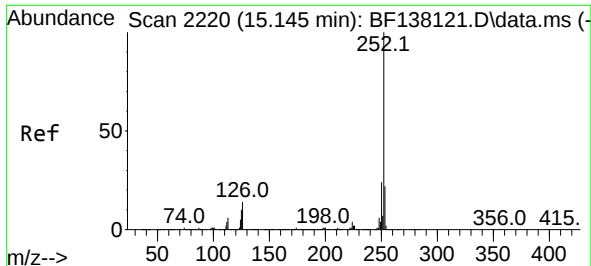
Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.2

125 9.5 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 48.674 ng

RT: 15.145 min Scan# 2220

Delta R.T. -0.000 min

Lab File: BF138155.D

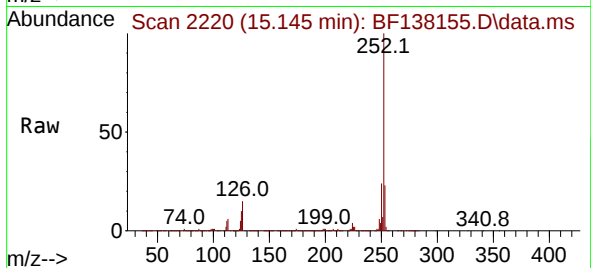
Acq: 07 Jun 2024 12:33

Instrument :

BNA_F

ClientSampleId :

PB161349BS



Tgt Ion:252 Resp: 2356760

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

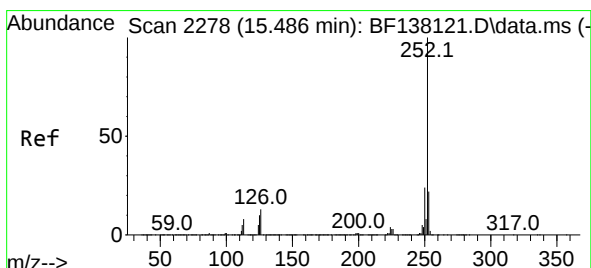
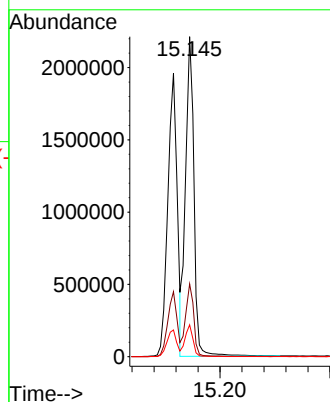
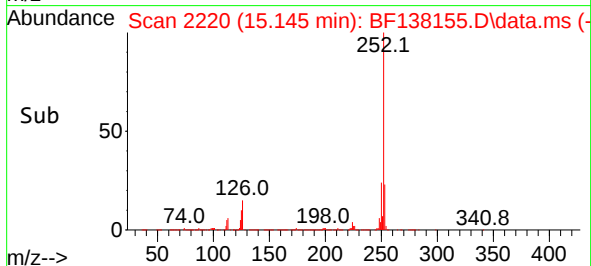
125 10.0 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/10/2024



#90

Benzo(a)pyrene

Concen: 52.746 ng

RT: 15.486 min Scan# 2278

Delta R.T. -0.000 min

Lab File: BF138155.D

Acq: 07 Jun 2024 12:33

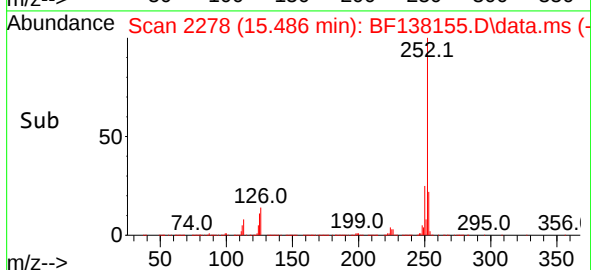
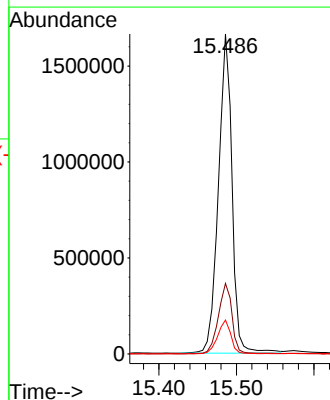
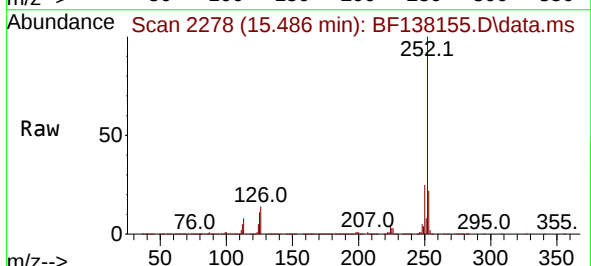
Tgt Ion:252 Resp: 2028283

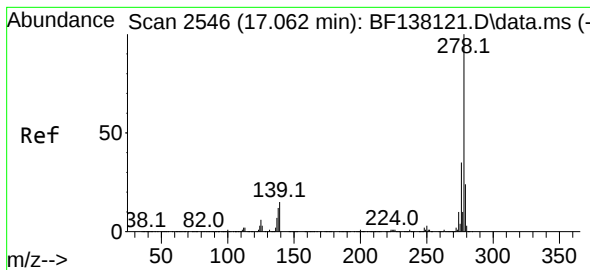
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 10.6 8.0 12.0





#91
Dibenzo(a,h)anthracene
Concen: 51.700 ng
RT: 17.062 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

Instrument :

BNA_F

ClientSampleId :

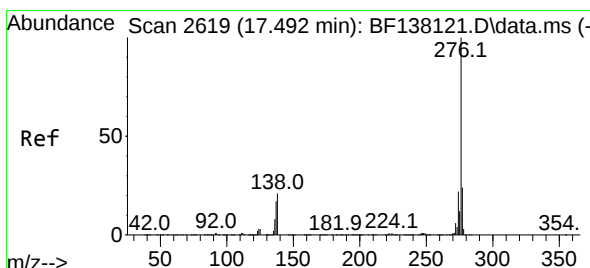
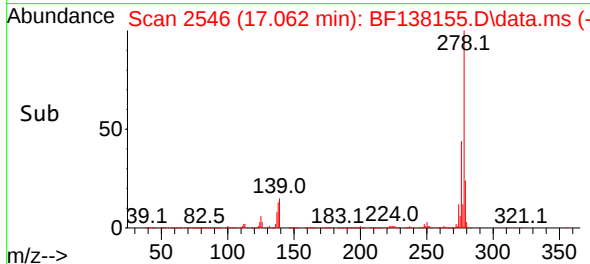
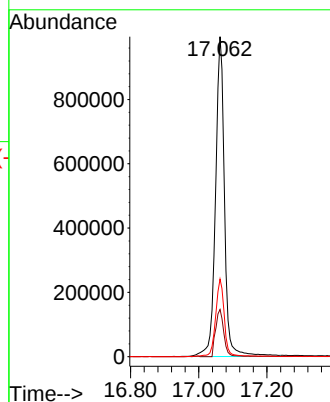
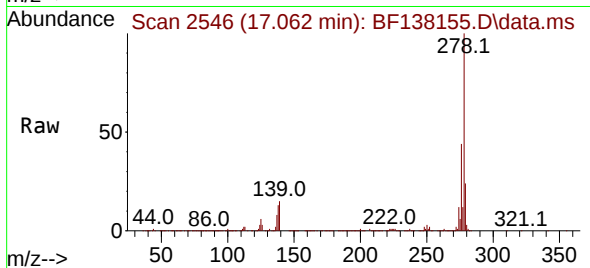
PB161349BS

Tgt Ion:278 Resp: 182917
Ion Ratio Lower Upper
278 100
139 14.8 11.7 17.5
279 24.2 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#92
Benzo(g,h,i)perylene
Concen: 49.894 ng
RT: 17.497 min Scan# 2620
Delta R.T. 0.005 min
Lab File: BF138155.D
Acq: 07 Jun 2024 12:33

Tgt Ion:276 Resp: 1826782
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.4
138 19.5 16.5 24.7

