

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060724\
 Data File : BF138154.D
 Acq On : 07 Jun 2024 12:03
 Operator : CG\JU
 Sample : PB161334BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161334BSD

Manual Integrations
 APPROVED

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

Quant Time: Jun 07 12:26:04 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	429932	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	1698016	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	951968	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	1610494	20.000	ng	0.00
76) Chrysene-d12	14.068	240	852116	20.000	ng	0.00
86) Perylene-d12	15.545	264	787446	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	3048137	120.827	ng	0.02
7) Phenol-d6	6.540	99	3904533	122.329	ng	0.00
23) Nitrobenzene-d5	7.475	82	2378201	95.292	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	1247739	136.194	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	4495309	82.568	ng	0.00
79) Terphenyl-d14	13.016	244	4779169	83.890	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.834	88	385838	33.370	ng	97
3) Pyridine	3.569	79	953616	33.660	ng	98
4) n-Nitrosodimethylamine	3.534	42	580893	41.766	ng	96
6) Aniline	6.569	93	885831	27.372	ng	99
8) 2-Chlorophenol	6.692	128	1276702	46.779	ng	98
9) Benzaldehyde	6.457	77	739963	49.698	ng	99
10) Phenol	6.551	94	1463101m	44.617	ng	
11) bis(2-Chloroethyl)ether	6.645	93	1157514	44.031	ng	100
12) 1,3-Dichlorobenzene	6.851	146	1320190	42.218	ng	99
13) 1,4-Dichlorobenzene	6.928	146	1346036	42.740	ng	99
14) 1,2-Dichlorobenzene	7.075	146	1300785	44.001	ng	100
15) Benzyl Alcohol	7.051	79	998952	44.232	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1664710	43.135	ng	96
17) 2-Methylphenol	7.157	107	998357	45.194	ng	99
18) Hexachloroethane	7.422	117	469016	43.633	ng	95
19) n-Nitroso-di-n-propyla...	7.328	70	867691	42.634	ng	95
20) 3+4-Methylphenols	7.310	107	1224766	44.557	ng	96
22) Acetophenone	7.322	105	1650755	42.229	ng	100
24) Nitrobenzene	7.492	77	1249145	45.946	ng	97
25) Isophorone	7.728	82	2340331	42.566	ng	99
26) 2-Nitrophenol	7.804	139	613590	52.316	ng	97
27) 2,4-Dimethylphenol	7.839	122	938535	49.143	ng	98
28) bis(2-Chloroethoxy)met...	7.939	93	1451927	43.353	ng	99
29) 2,4-Dichlorophenol	8.045	162	1096816	47.651	ng	97
30) 1,2,4-Trichlorobenzene	8.128	180	1195211	43.034	ng	99
31) Naphthalene	8.210	128	3520303	42.863	ng	99
32) Benzoic acid	7.969	122	777629	51.713	ng	99
33) 4-Chloroaniline	8.257	127	541593	17.546	ng	97
34) Hexachlorobutadiene	8.328	225	692006	42.400	ng	98
35) Caprolactam	8.634	113	338676m	44.064	ng	
36) 4-Chloro-3-methylphenol	8.739	107	1075663	45.602	ng	97
37) 2-Methylnaphthalene	8.904	142	2392094	43.206	ng	100
38) 1-Methylnaphthalene	9.004	142	2248575	41.479	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	1234727	45.940	ng	99
41) Hexachlorocyclopentadiene	9.051	237	1115744	125.753	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	817219	50.080	ng	100

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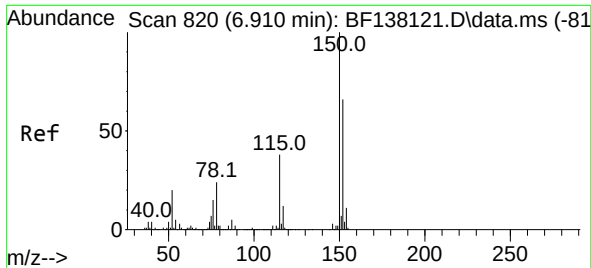
Manual Integrations
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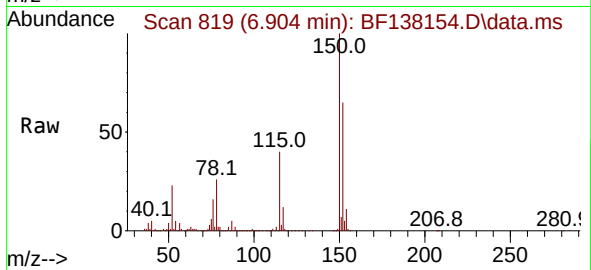
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	882229	49.064	ng	99
46) 1,1'-Biphenyl	9.369	154	2942621	44.006	ng	99
47) 2-Chloronaphthalene	9.392	162	2323766	43.606	ng	99
48) 2-Nitroaniline	9.486	65	631465	47.718	ng	100
49) Acenaphthylene	9.810	152	3484615	46.208	ng	98
50) Dimethylphthalate	9.669	163	2676499	44.745	ng	99
51) 2,6-Dinitrotoluene	9.728	165	610459	47.092	ng	97
52) Acenaphthene	9.980	154	2426826	47.628	ng	99
53) 3-Nitroaniline	9.898	138	414388	32.878	ng	# 94
54) 2,4-Dinitrophenol	10.004	184	516156	93.091	ng	97
55) Dibenzofuran	10.151	168	3184132	44.181	ng	99
56) 4-Nitrophenol	10.057	139	923796	101.539	ng	97
57) 2,4-Dinitrotoluene	10.133	165	782076	50.351	ng	90
58) Fluorene	10.492	166	2458227	42.942	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	731364	51.567	ng	99
60) Diethylphthalate	10.369	149	2577949	44.148	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	1265611	43.519	ng	99
62) 4-Nitroaniline	10.516	138	538247	48.208	ng	95
63) Azobenzene	10.645	77	2427470	43.160	ng	98
65) 4,6-Dinitro-2-methylph...	10.539	198	358344	56.054	ng	84
66) n-Nitrosodiphenylamine	10.610	169	2267157	47.141	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	878212	47.892	ng	98
68) Hexachlorobenzene	11.039	284	990268	46.451	ng	99
69) Atrazine	11.133	200	761129	49.190	ng	99
70) Pentachlorophenol	11.233	266	1124096	98.501	ng	99
71) Phenanthrene	11.457	178	3502389	45.175	ng	100
72) Anthracene	11.510	178	3471377	44.892	ng	99
73) Carbazole	11.663	167	3009276	42.554	ng	100
74) Di-n-butylphthalate	11.992	149	3679872	44.271	ng	100
75) Fluoranthene	12.645	202	3429249	40.994	ng	99
77) Benzidine	12.763	184	100042	11.409	ng	98
78) Pyrene	12.874	202	3449028	44.756	ng	99
80) Butylbenzylphthalate	13.492	149	1225163	48.145	ng	93
81) Benzo(a)anthracene	14.057	228	2437656	45.343	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	520850	38.224	ng	98
83) Chrysene	14.098	228	2386430	46.253	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	1632438	44.031	ng	99
85) Di-n-octyl phthalate	14.668	149	2422720	47.474	ng	98
87) Indeno(1,2,3-cd)pyrene	17.045	276	2248376	52.121	ng	99
88) Benzo(b)fluoranthene	15.115	252	2259528	45.644	ng	99
89) Benzo(k)fluoranthene	15.145	252	2232985	47.302	ng	99
90) Benzo(a)pyrene	15.486	252	1897965	50.625	ng	98
91) Dibenzo(a,h)anthracene	17.062	278	1811962	52.470	ng	100
92) Benzo(g,h,i)perylene	17.498	276	1843514	51.539	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: BF138154.D
Acq: 07 Jun 2024 12:03

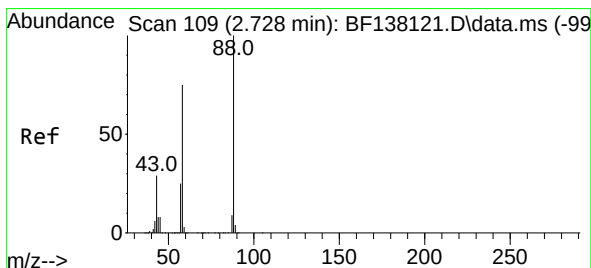
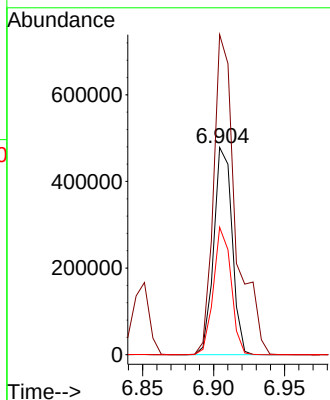
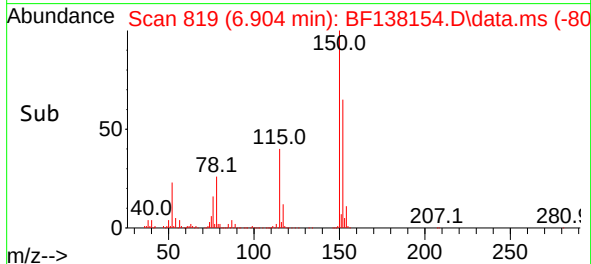
Instrument :
BNA_F
ClientSampleId :
PB161334BSD



Tgt Ion:152 Resp: 429932
Ion Ratio Lower Upper
152 100
150 154.5 121.8 182.6
115 61.5 46.2 69.2

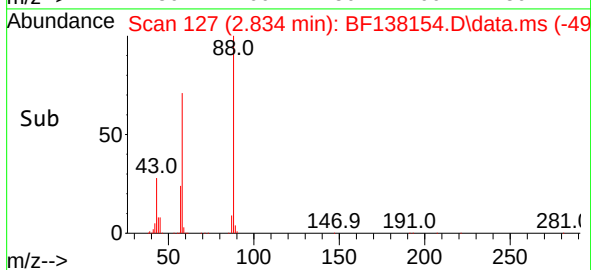
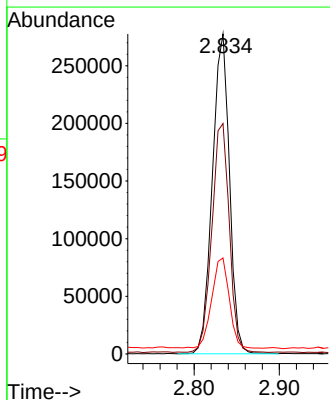
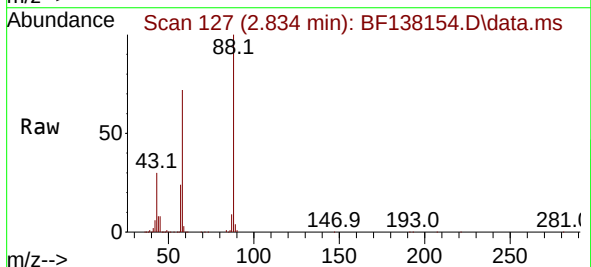
Manual Integrations
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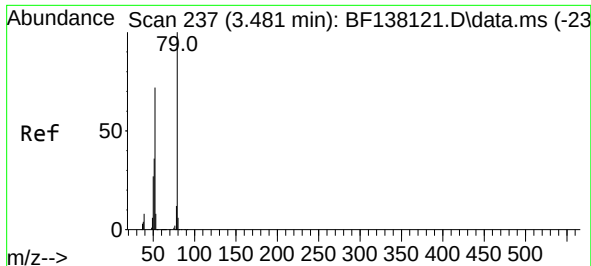
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#2
1,4-Dioxane
Concen: 33.370 ng
RT: 2.834 min Scan# 127
Delta R.T. 0.106 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

Tgt Ion: 88 Resp: 385838
Ion Ratio Lower Upper
88 100
58 73.0 60.6 90.8
43 28.8 23.6 35.4





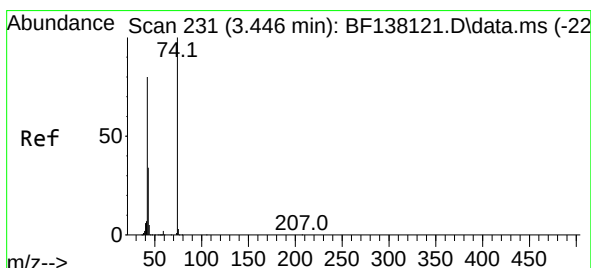
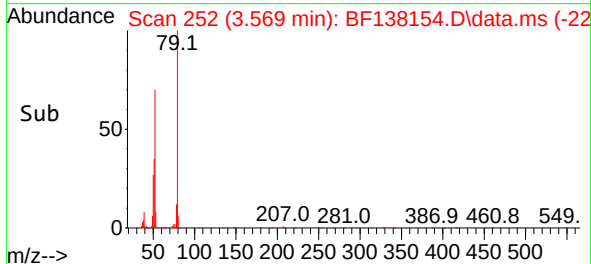
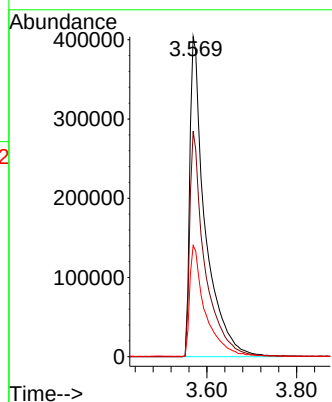
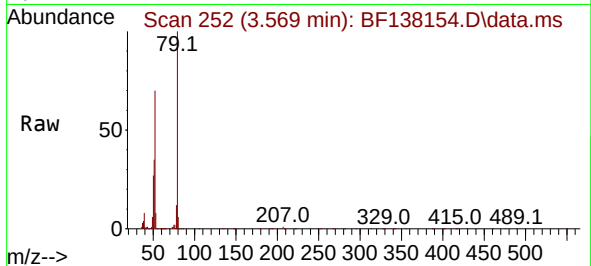
#3
Pyridine
Concen: 33.660 ng
RT: 3.569 min Scan# 21
Delta R.T. 0.088 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

Instrument :
BNA_F
ClientSampleId :
PB161334BSD

Tgt Ion: 79 Resp: 953610
Ion Ratio Lower Upper
79 100
52 70.4 57.4 86.2
51 34.8 29.1 43.7

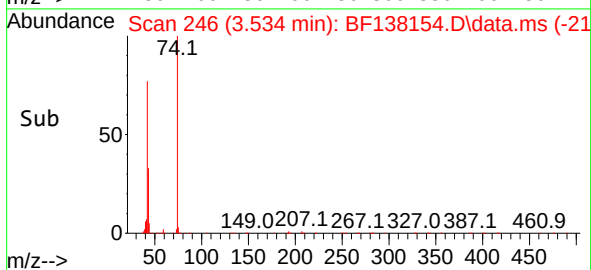
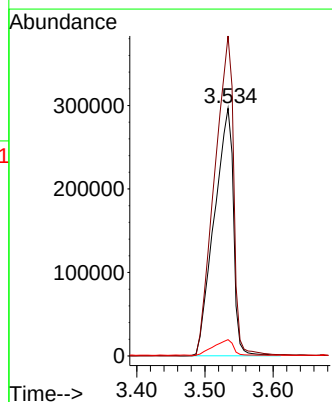
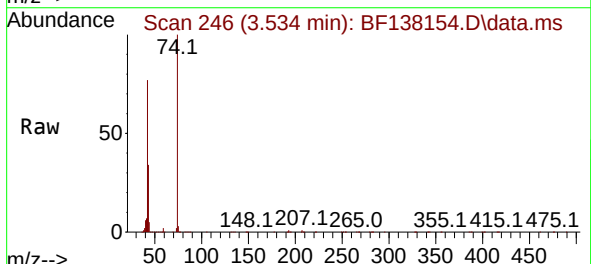
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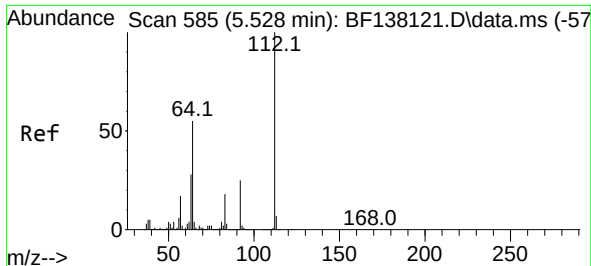
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#4
n-Nitrosodimethylamine
Concen: 41.766 ng
RT: 3.534 min Scan# 246
Delta R.T. 0.088 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

Tgt Ion: 42 Resp: 580893
Ion Ratio Lower Upper
42 100
74 129.2 100.0 150.0
44 6.6 5.7 8.5





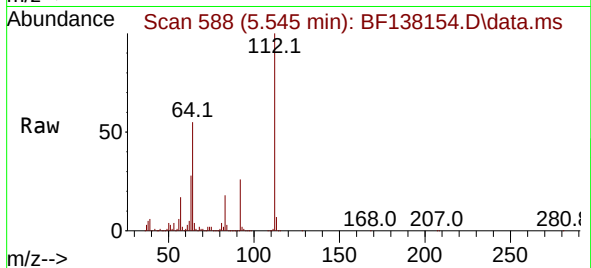
#5
2-Fluorophenol
Concen: 120.827 ng
RT: 5.545 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

Instrument :

BNA_F

ClientSampleId :

PB161334BSD



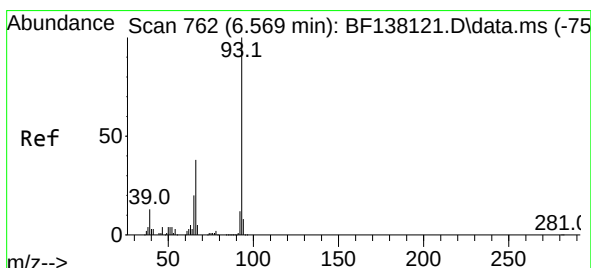
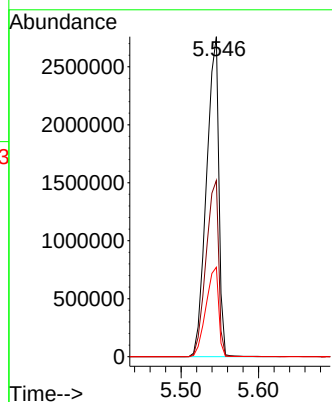
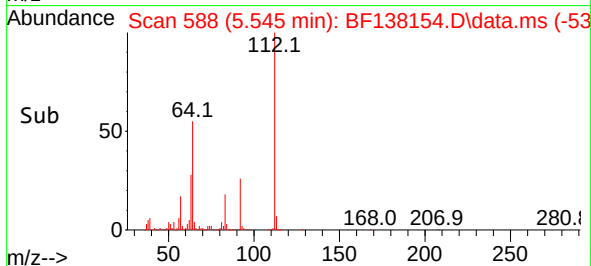
Tgt Ion:112 Resp: 304813
Ion Ratio Lower Upper
112 100
64 55.0 44.0 66.0
63 27.9 22.1 33.1

Manual Integrations

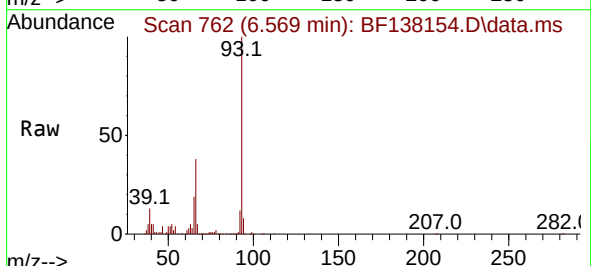
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Reviewed By :Yogesh Patel 06/08/2024

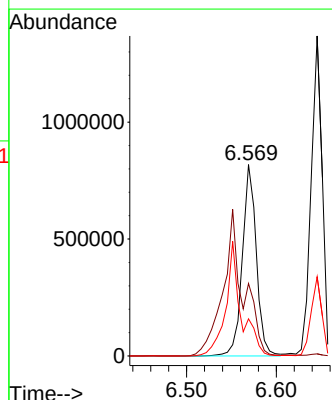
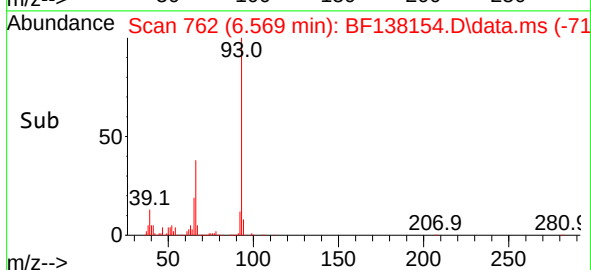
Supervised By :mohammad ahmed 06/10/2024

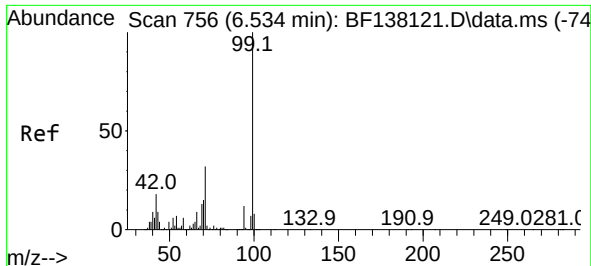


#6
Aniline
Concen: 27.372 ng
RT: 6.569 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03



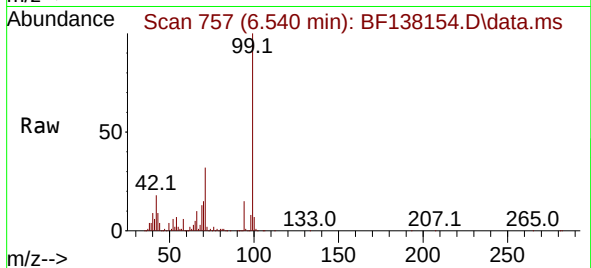
Tgt Ion: 93 Resp: 885831
Ion Ratio Lower Upper
93 100
66 37.9 30.9 46.3
65 19.4 16.0 24.0





#7
Phenol-d6
Concen: 122.329 ng
RT: 6.540 min Scan# 756
Delta R.T. 0.006 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

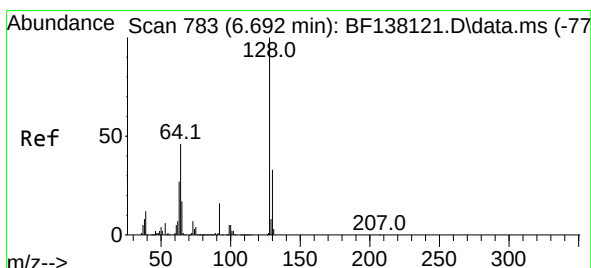
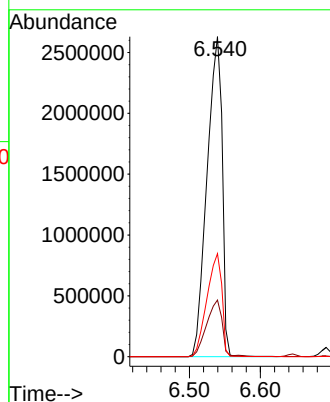
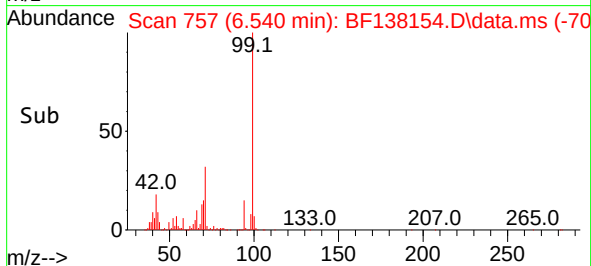
Instrument :
BNA_F
ClientSampleId :
PB161334BSD



Tgt Ion: 99 Resp: 390453
Ion Ratio Lower Upper
99 100
42 17.7 14.4 21.6
71 32.2 25.5 38.3

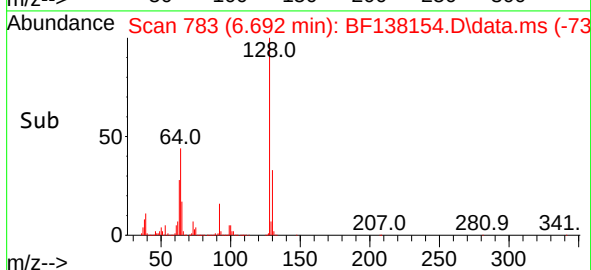
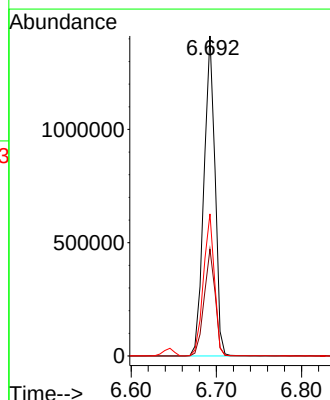
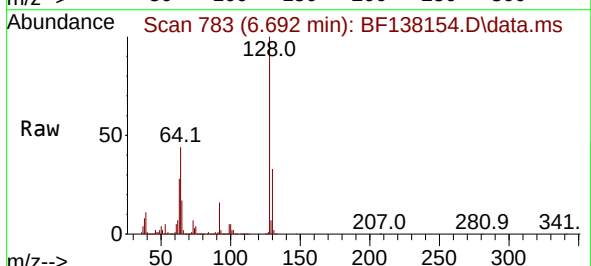
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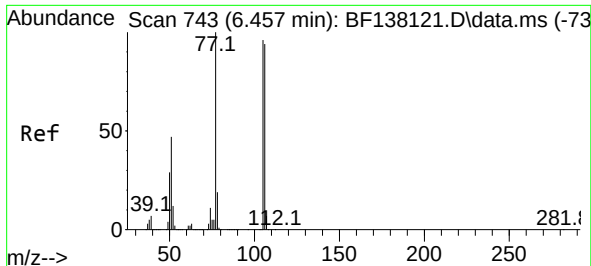
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#8
2-Chlorophenol
Concen: 46.779 ng
RT: 6.692 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

Tgt Ion:128 Resp: 1276702
Ion Ratio Lower Upper
128 100
130 33.4 12.9 52.9
64 44.4 26.6 66.6





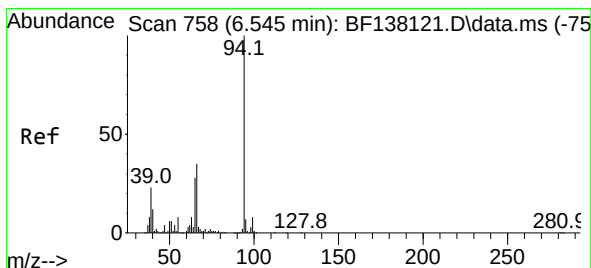
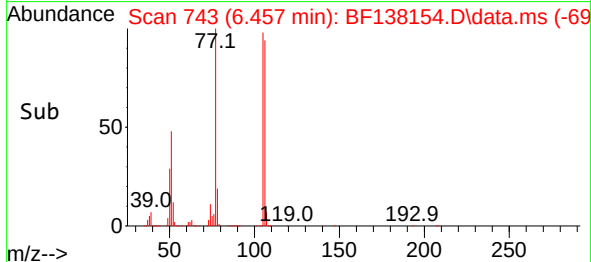
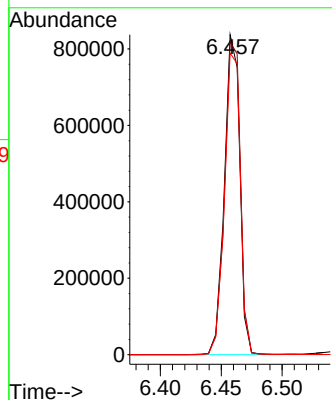
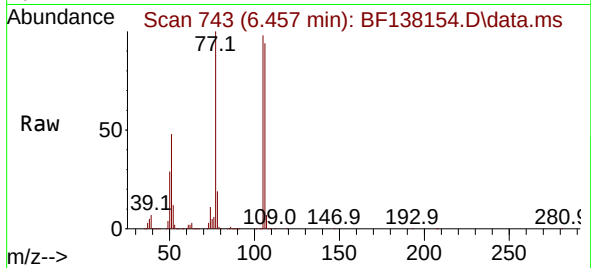
#9
Benzaldehyde
Concen: 49.698 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

Instrument :
BNA_F
ClientSampleId :
PB161334BSD

Tgt Ion: 77 Resp: 739961
Ion Ratio Lower Upper
77 100
105 97.7 75.8 115.8
106 94.2 73.9 113.9

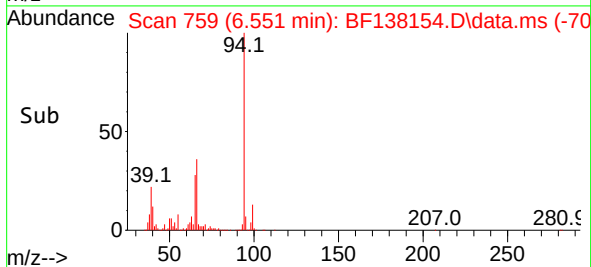
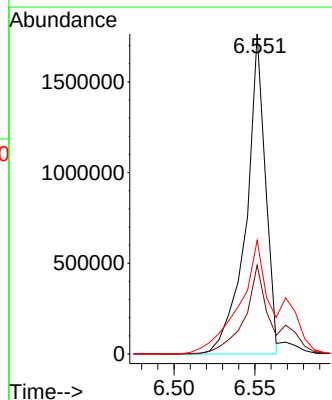
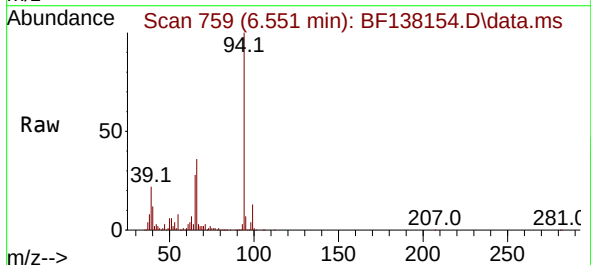
Manual Integrations
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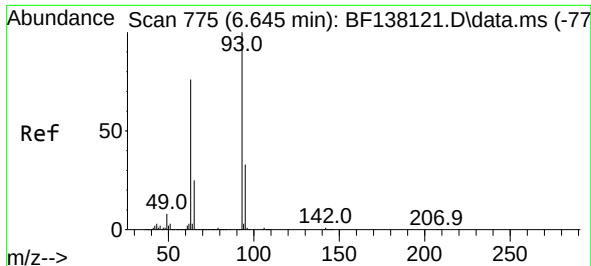
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#10
Phenol
Concen: 44.617 ng m
RT: 6.551 min Scan# 759
Delta R.T. 0.006 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

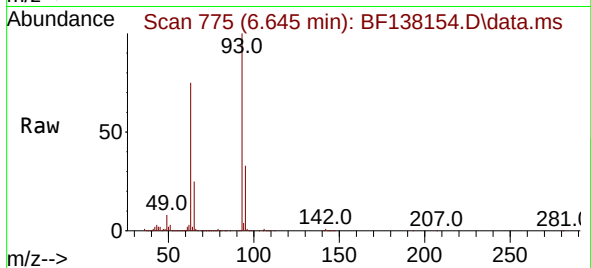
Tgt Ion: 94 Resp: 1463101
Ion Ratio Lower Upper
94 100
65 27.8 7.9 47.9
66 35.5 15.5 55.5





#11
bis(2-Chloroethyl)ether
Concen: 44.031 ng
RT: 6.645 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

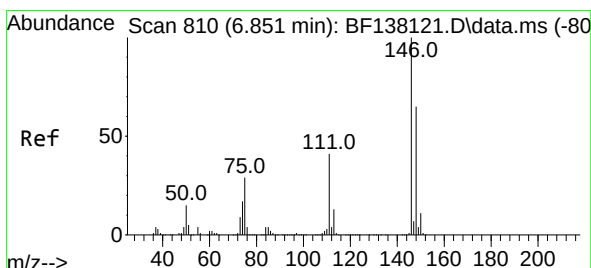
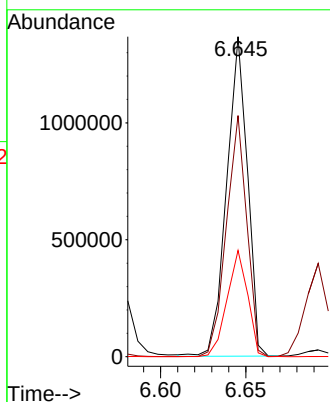
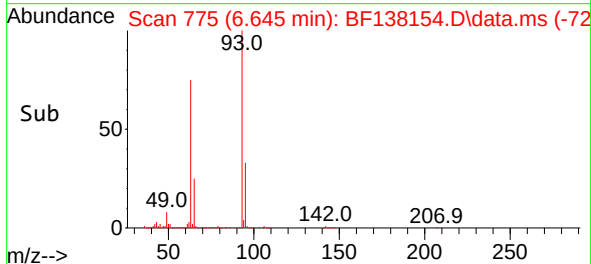
Instrument :
BNA_F
ClientSampleId :
PB161334BSD



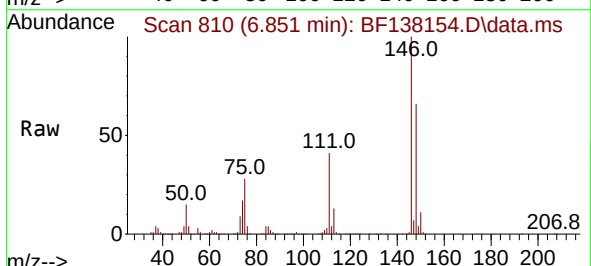
Tgt Ion: 93 Resp: 1157514
Ion Ratio Lower Upper
93 100
63 75.4 55.3 95.3
95 33.2 12.5 52.5

Manual Integrations
APPROVED

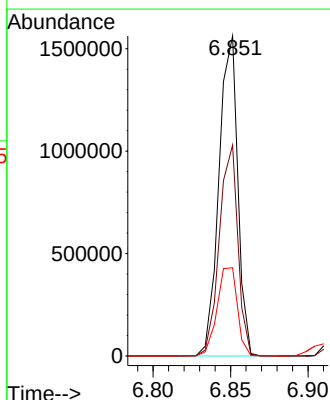
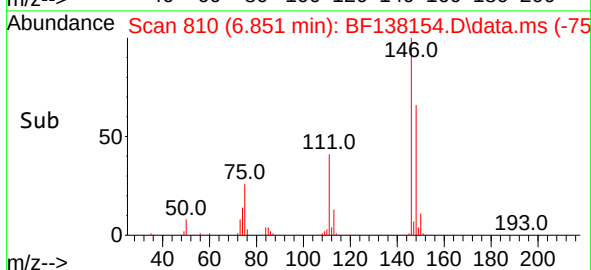
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

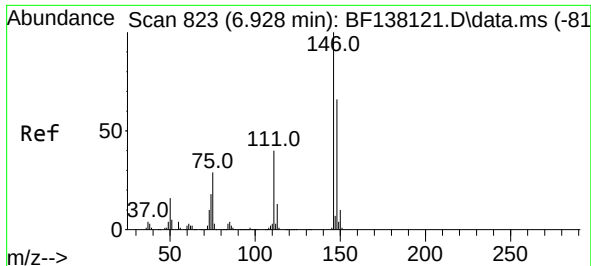


#12
1,3-Dichlorobenzene
Concen: 42.218 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03



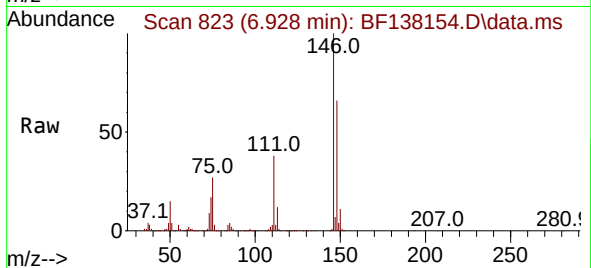
Tgt Ion:146 Resp: 1320190
Ion Ratio Lower Upper
146 100
148 65.9 52.2 78.2
75 27.5 23.0 34.6





#13
1,4-Dichlorobenzene
Concen: 42.740 ng
RT: 6.928 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

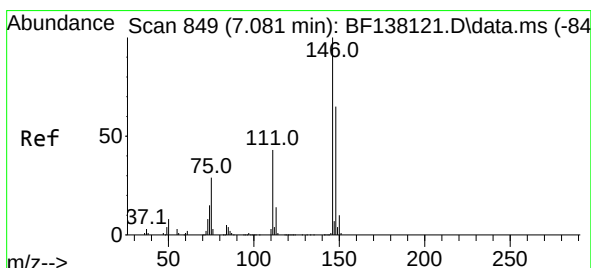
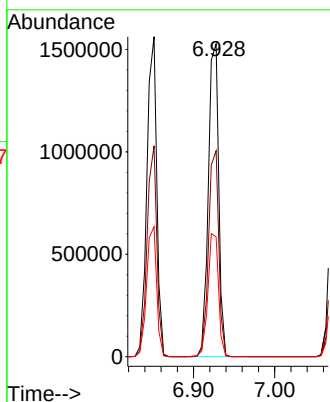
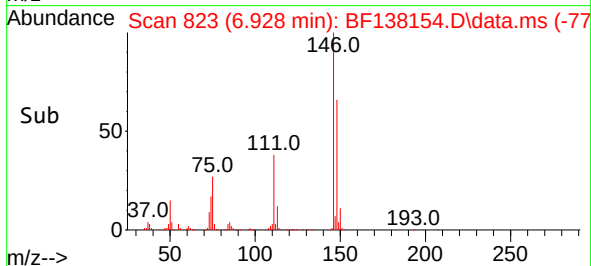
Instrument :
BNA_F
ClientSampleId :
PB161334BSD



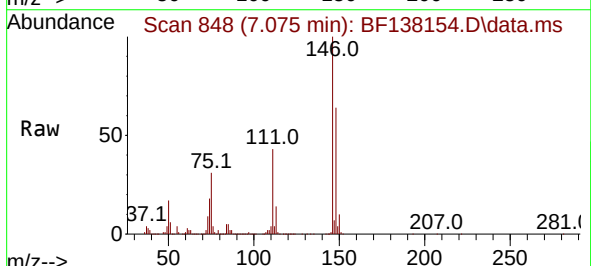
Tgt Ion:146 Resp: 1346030
Ion Ratio Lower Upper
146 100
148 65.7 52.6 78.8
111 38.3 31.9 47.9

Manual Integrations
APPROVED

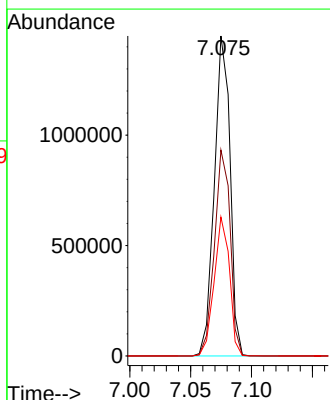
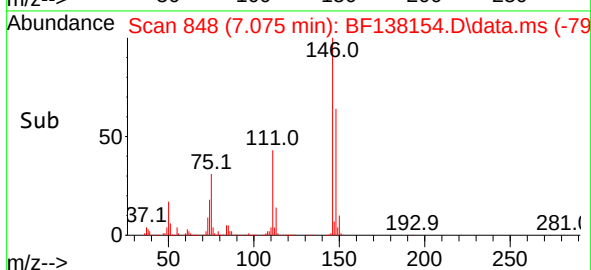
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

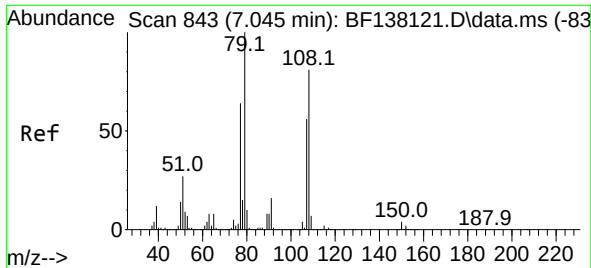


#14
1,2-Dichlorobenzene
Concen: 44.001 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03



Tgt Ion:146 Resp: 1300785
Ion Ratio Lower Upper
146 100
148 64.3 51.6 77.4
111 43.4 34.3 51.5





#15
Benzyl Alcohol
Concen: 44.232 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.006 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

Instrument :

BNA_F

ClientSampleId :

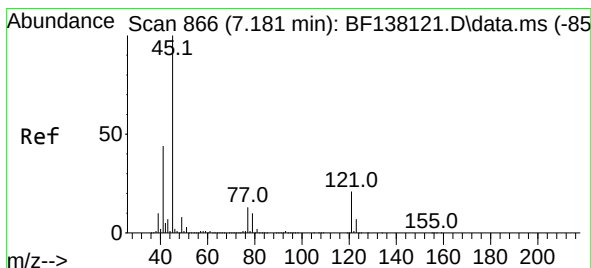
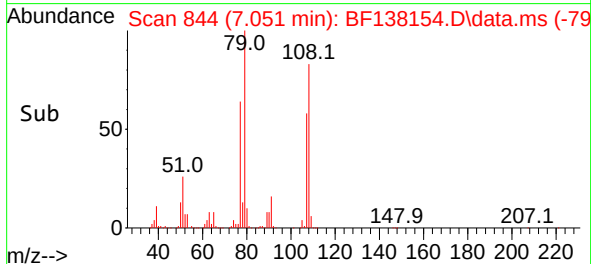
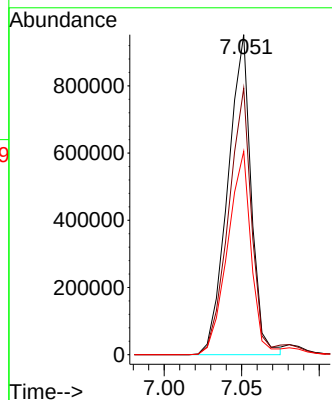
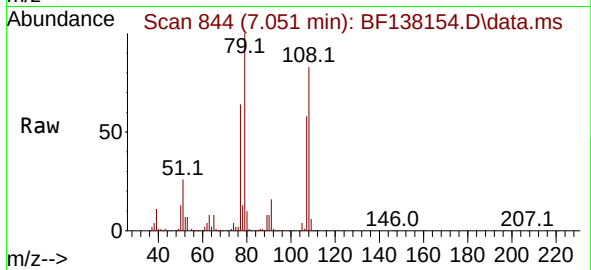
PB161334BSD

Tgt Ion: 79 Resp: 998952
Ion Ratio Lower Upper
79 100
108 83.3 64.5 96.7
77 63.6 51.1 76.7

Manual Integrations

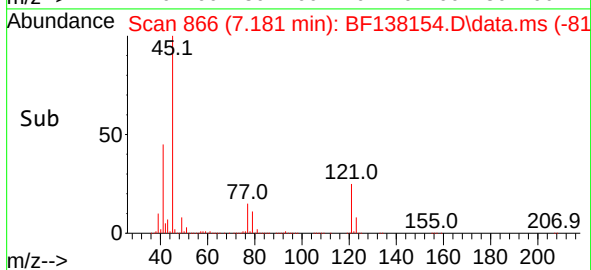
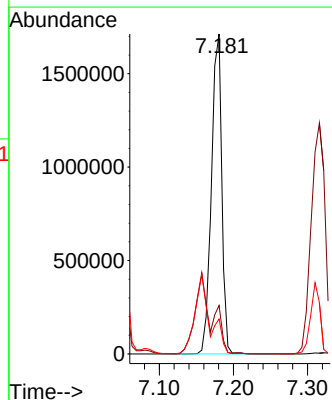
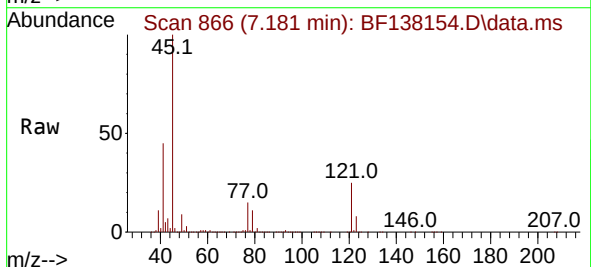
APPROVED

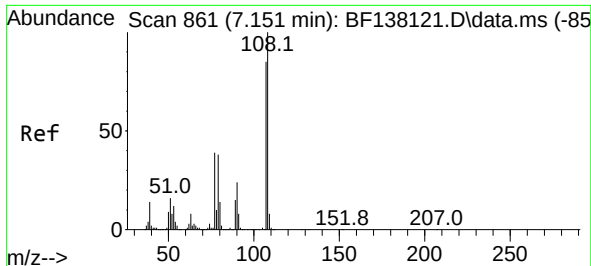
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.135 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

Tgt Ion: 45 Resp: 1664710
Ion Ratio Lower Upper
45 100
77 15.2 0.0 33.2
79 11.0 0.0 29.9





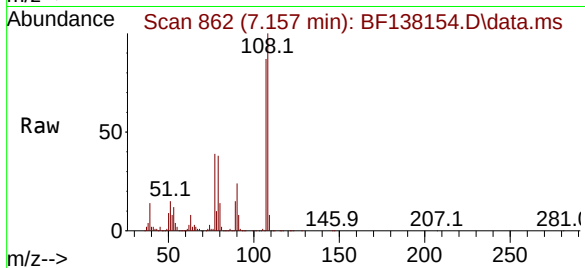
#17
2-Methylphenol
Concen: 45.194 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.006 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

Instrument :

BNA_F

ClientSampleId :

PB161334BSD



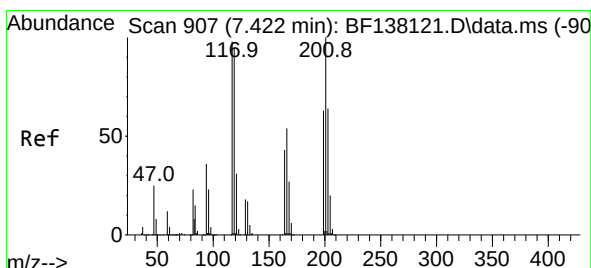
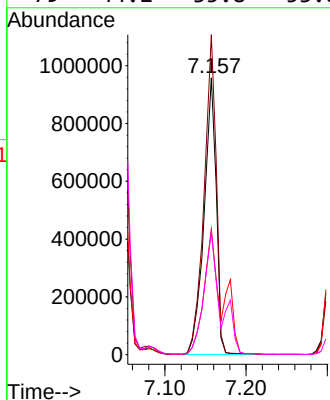
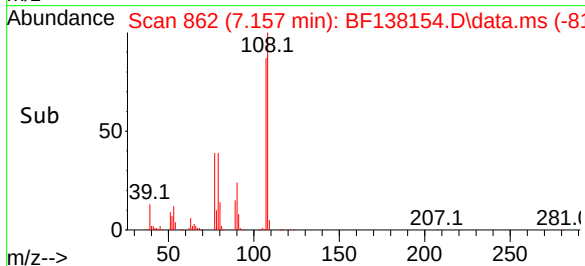
Tgt Ion:107 Resp: 99835
Ion Ratio Lower Upper
107 100
108 115.6 94.2 141.2
77 45.4 36.7 55.1
79 44.2 35.8 53.8

Manual Integrations

APPROVED

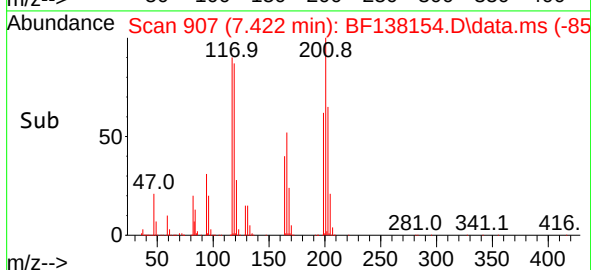
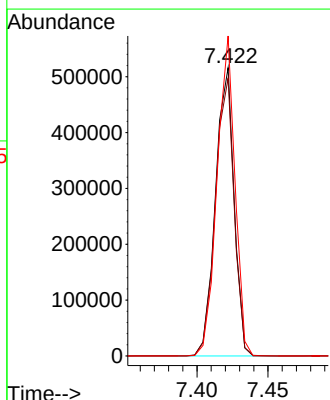
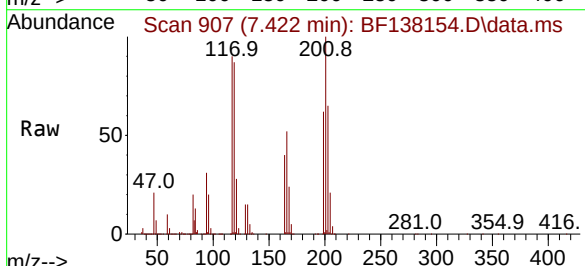
Reviewed By :Yogesh Patel 06/08/2024

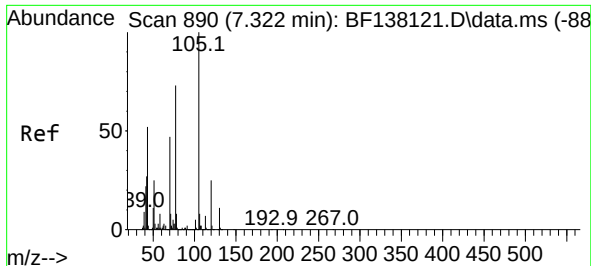
Supervised By :mohammad ahmed 06/10/2024



#18
Hexachloroethane
Concen: 43.633 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

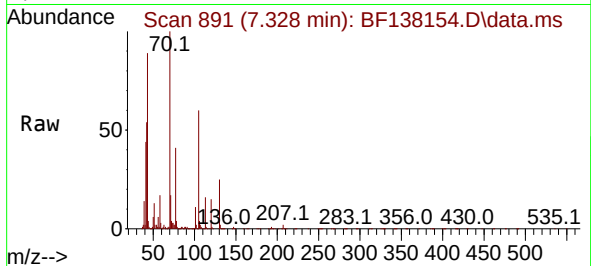
Tgt Ion:117 Resp: 469016
Ion Ratio Lower Upper
117 100
119 96.4 77.7 116.5
201 111.0 81.7 122.5





#19
n-Nitroso-di-n-propylamine
Concen: 42.634 ng
RT: 7.328 min Scan# 890
Delta R.T. 0.006 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

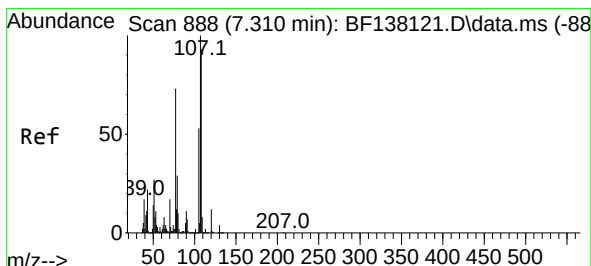
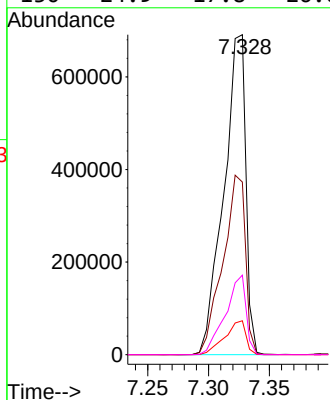
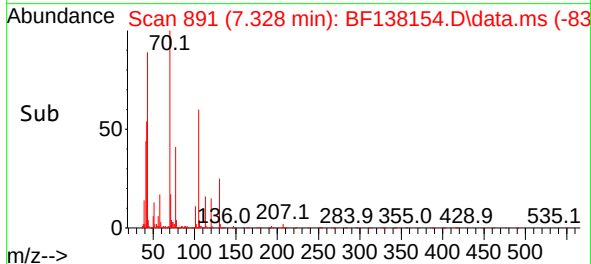
Instrument :
BNA_F
ClientSampleId :
PB161334BSD



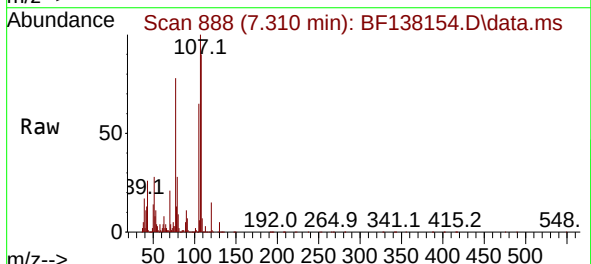
Tgt Ion: 70 Resp: 86769
Ion Ratio Lower Upper
70 100
42 53.9 46.3 69.5
101 10.6 7.7 11.5
130 24.9 17.8 26.6

Manual Integrations
APPROVED

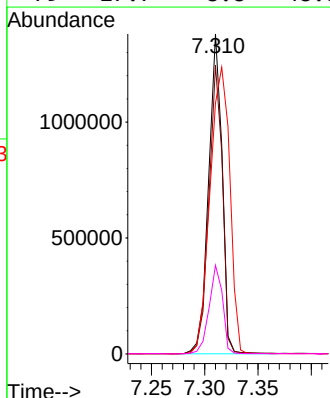
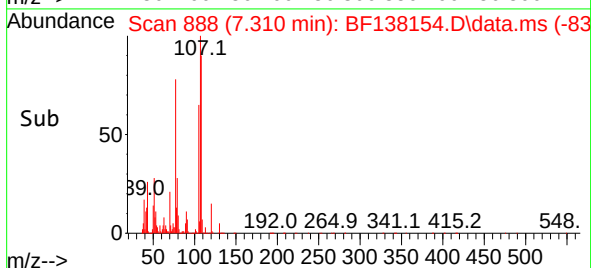
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

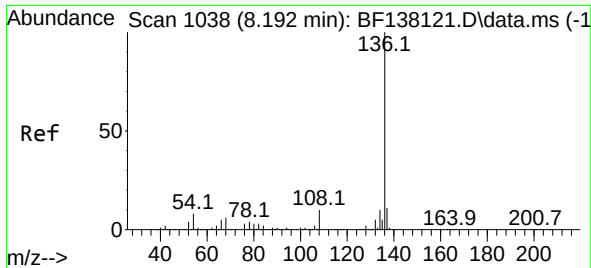


#20
3+4-Methylphenols
Concen: 44.557 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03



Tgt Ion:107 Resp: 1224766
Ion Ratio Lower Upper
107 100
108 90.2 73.0 113.0
77 78.4 53.2 93.2
79 27.7 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: BF138154.D
Acq: 07 Jun 2024 12:03

Instrument :

BNA_F

ClientSampleId :

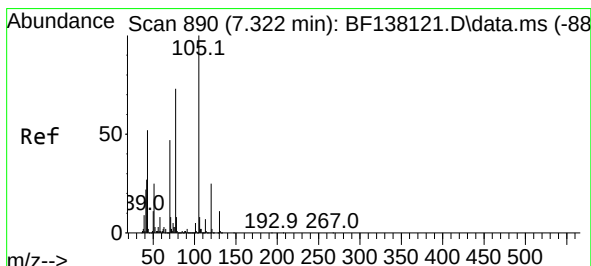
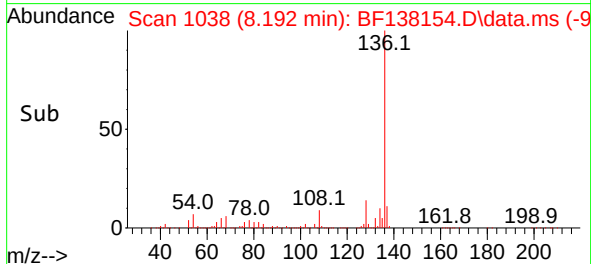
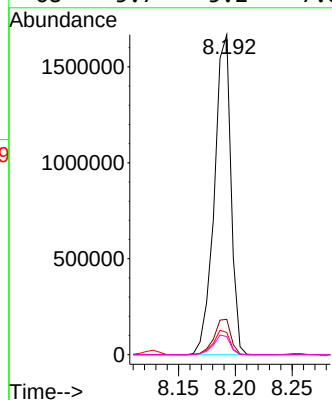
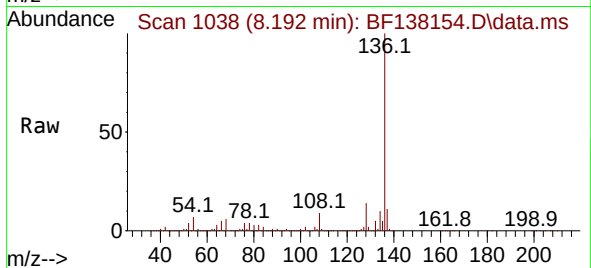
PB161334BSD

Tgt Ion:136 Resp: 1698010
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 6.9 6.2 9.2
68 5.7 5.2 7.8

Manual Integrations

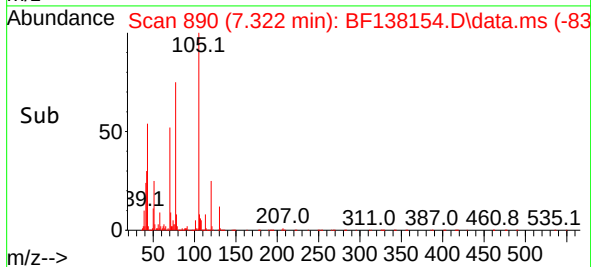
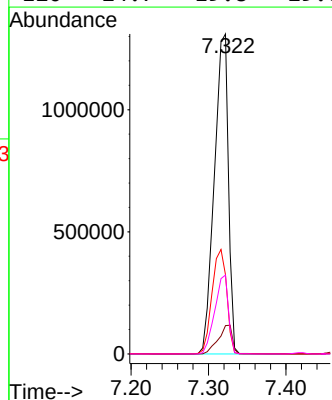
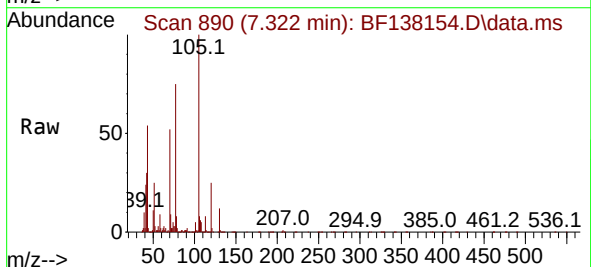
APPROVED

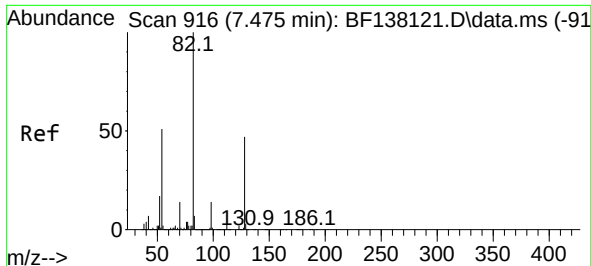
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#22
Acetophenone
Concen: 42.229 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

Tgt Ion:105 Resp: 1650755
Ion Ratio Lower Upper
105 100
71 8.9 6.3 9.5
51 24.8 19.8 29.6
120 24.7 19.8 29.6





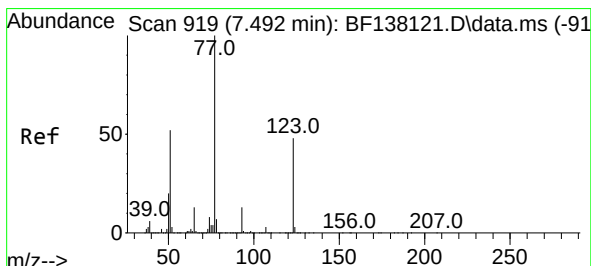
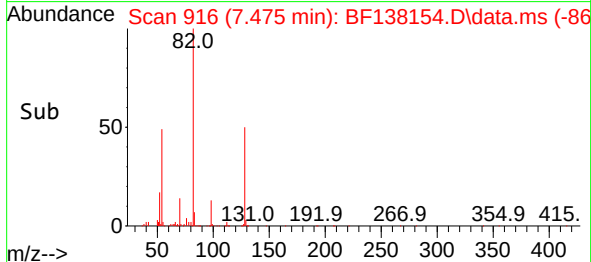
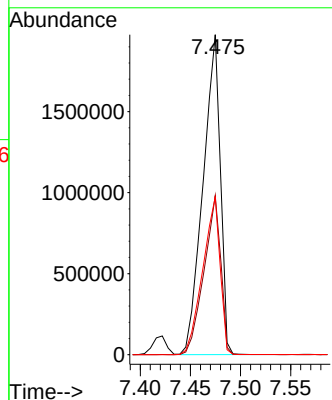
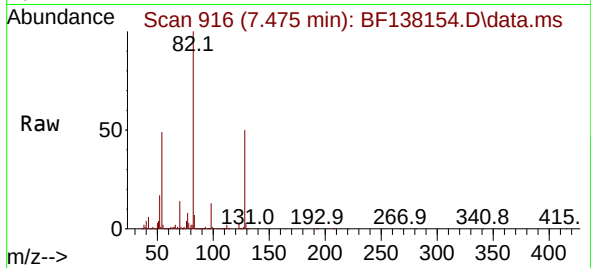
#23
Nitrobenzene-d5
Concen: 95.292 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

Instrument :
BNA_F
ClientSampleId :
PB161334BSD

Tgt Ion: 82 Resp: 237820
Ion Ratio Lower Upper
82 100
128 49.7 37.7 56.5
54 49.3 40.8 61.2

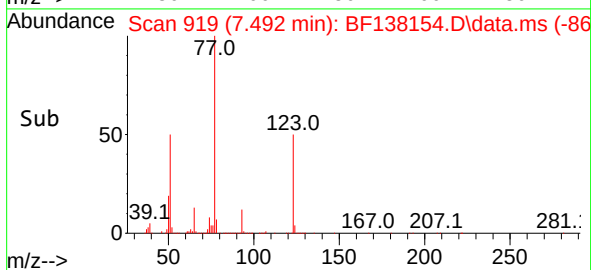
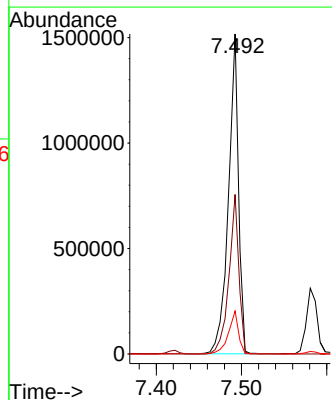
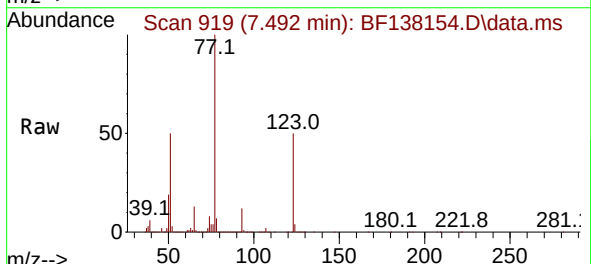
Manual Integrations
APPROVED

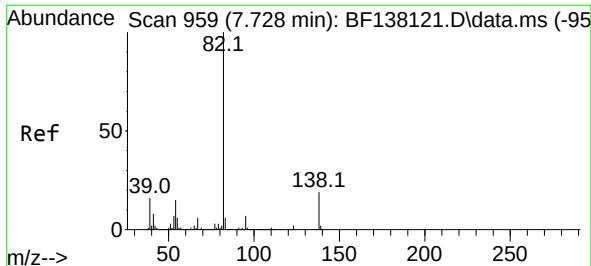
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#24
Nitrobenzene
Concen: 45.946 ng
RT: 7.492 min Scan# 919
Delta R.T. 0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

Tgt Ion: 77 Resp: 1249145
Ion Ratio Lower Upper
77 100
123 49.9 38.2 57.2
65 13.4 10.7 16.1





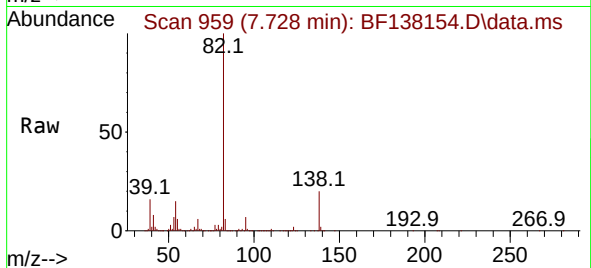
#25
Isophorone
Concen: 42.566 ng
RT: 7.728 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

Instrument :

BNA_F

ClientSampleId :

PB161334BSD



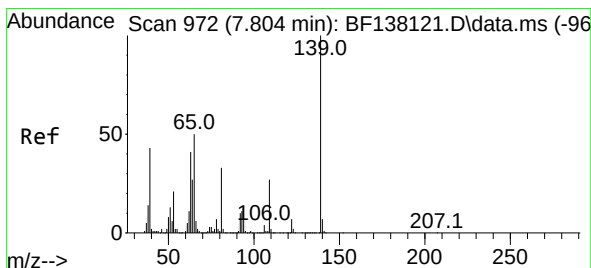
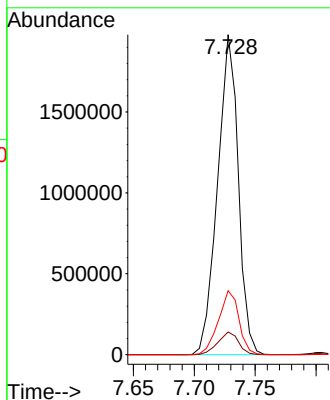
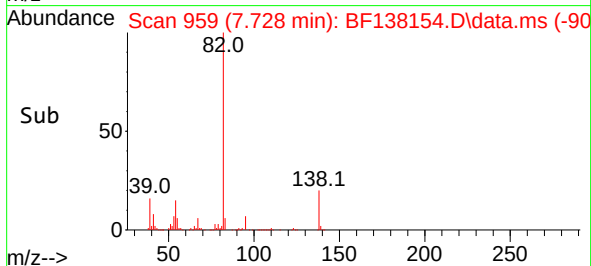
Tgt Ion: 82 Resp: 234033
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 20.0 15.5 23.3

Manual Integrations

APPROVED

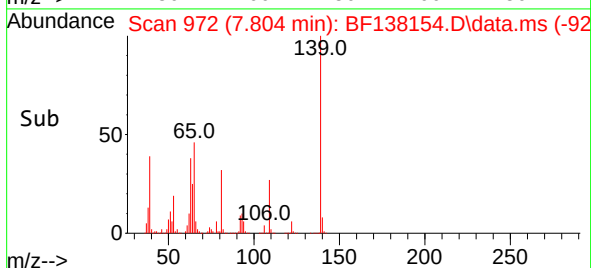
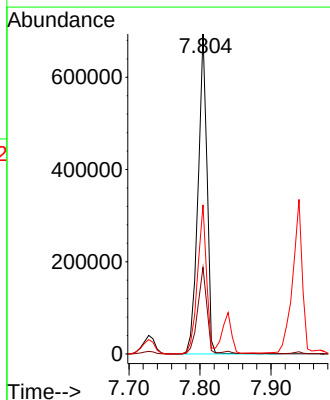
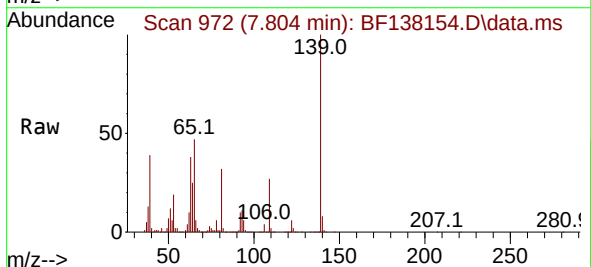
Reviewed By :Yogesh Patel 06/08/2024

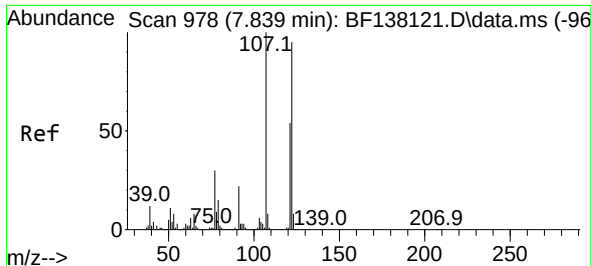
Supervised By :mohammad ahmed 06/10/2024



#26
2-Nitrophenol
Concen: 52.316 ng
RT: 7.804 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

Tgt Ion:139 Resp: 613590
Ion Ratio Lower Upper
139 100
109 27.0 21.8 32.6
65 46.6 40.1 60.1





#27

2,4-Dimethylphenol

Concen: 49.143 ng

RT: 7.839 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF138154.D

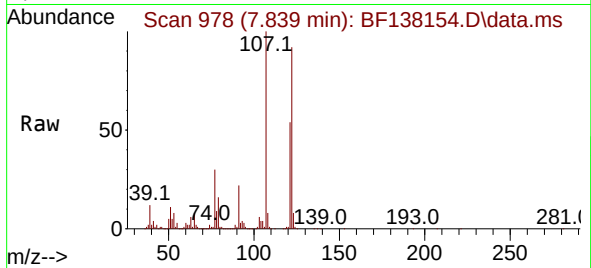
Acq: 07 Jun 2024 12:03

Instrument :

BNA_F

ClientSampleId :

PB161334BSD



Tgt Ion:122 Resp: 93853

Ion Ratio Lower Upper

122 100

107 108.1 84.2 126.2

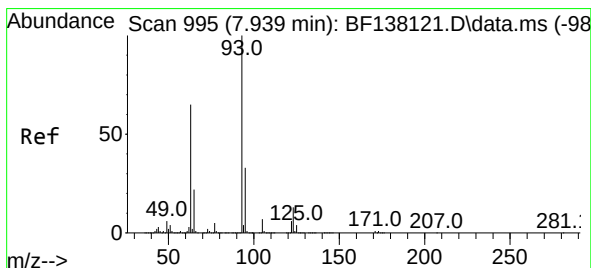
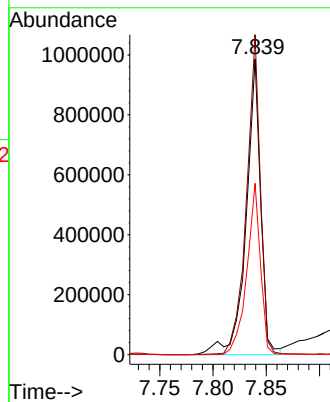
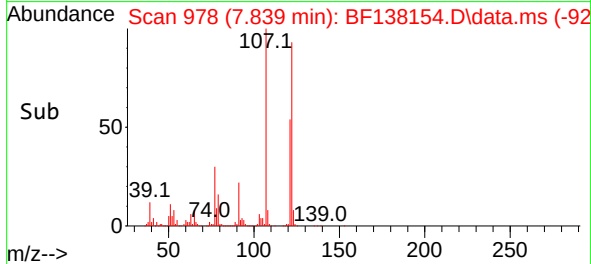
121 57.9 45.4 68.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/10/2024



#28

bis(2-Chloroethoxy)methane

Concen: 43.353 ng

RT: 7.939 min Scan# 995

Delta R.T. 0.000 min

Lab File: BF138154.D

Acq: 07 Jun 2024 12:03

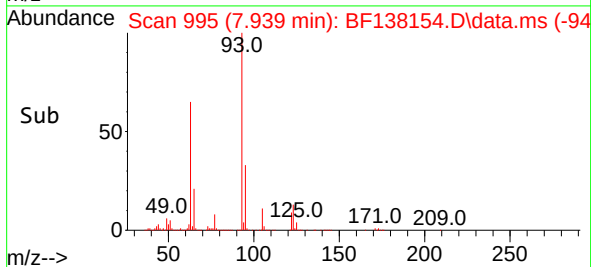
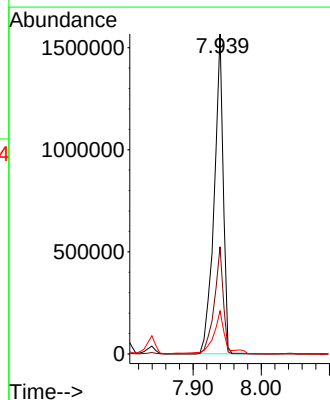
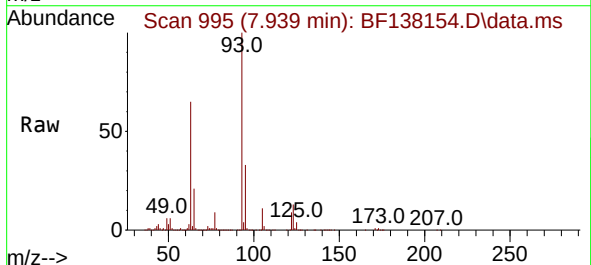
Tgt Ion: 93 Resp: 1451927

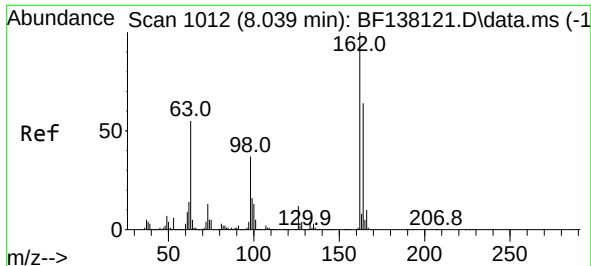
Ion Ratio Lower Upper

93 100

95 33.5 26.6 39.8

123 13.5 10.2 15.2





#29

2,4-Dichlorophenol

Concen: 47.651 ng

RT: 8.045 min Scan# 1012

Delta R.T. 0.006 min

Lab File: BF138154.D

Acq: 07 Jun 2024 12:03

Instrument :

BNA_F

ClientSampleId :

PB161334BSD

Tgt Ion:162 Resp: 1096810

Ion Ratio Lower Upper

162 100

164 64.8 44.1 84.1

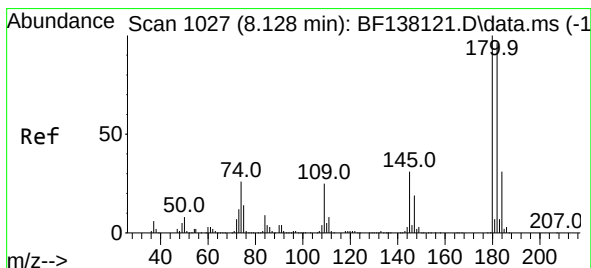
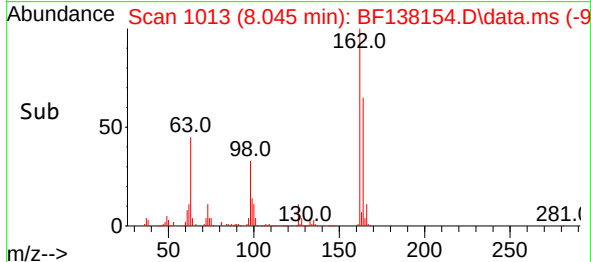
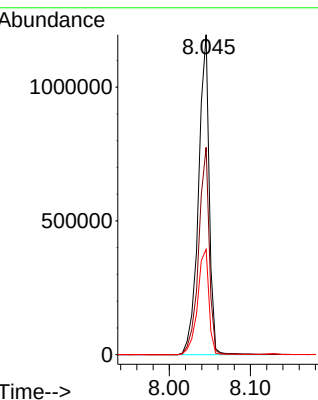
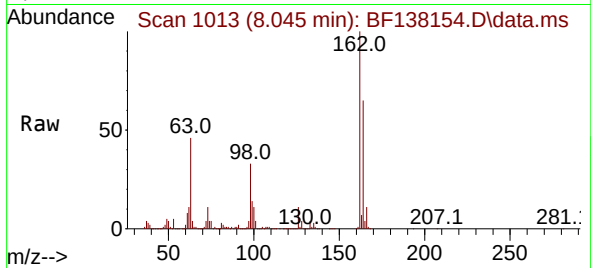
98 32.9 17.0 57.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/10/2024



#30

1,2,4-Trichlorobenzene

Concen: 43.034 ng

RT: 8.128 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF138154.D

Acq: 07 Jun 2024 12:03

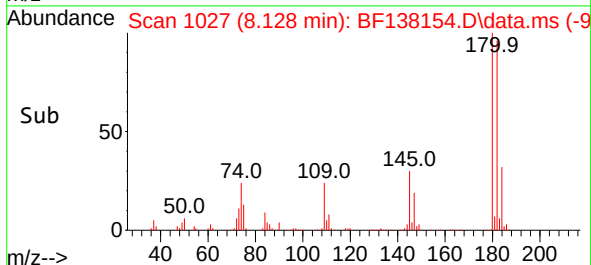
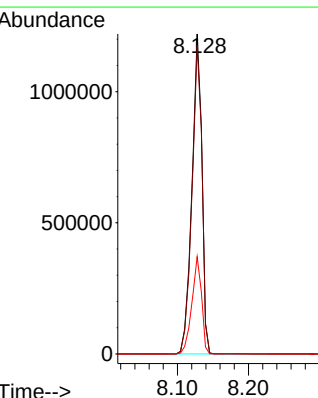
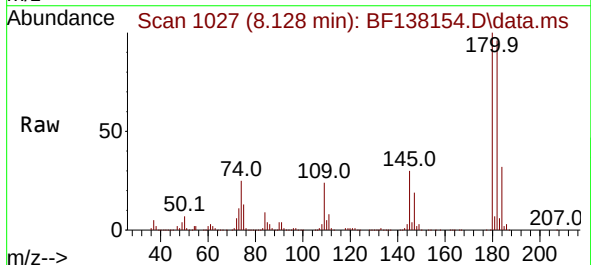
Tgt Ion:180 Resp: 1195211

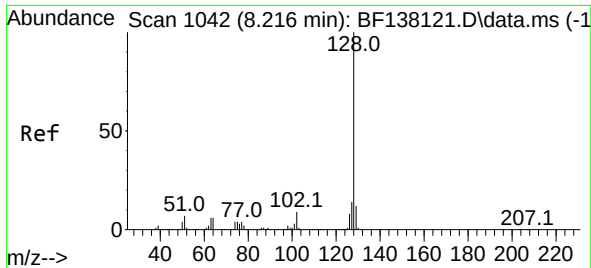
Ion Ratio Lower Upper

180 100

182 96.4 76.4 114.6

145 30.4 24.8 37.2





#31
Naphthalene
Concen: 42.863 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

Instrument :

BNA_F

ClientSampleId :

PB161334BSD

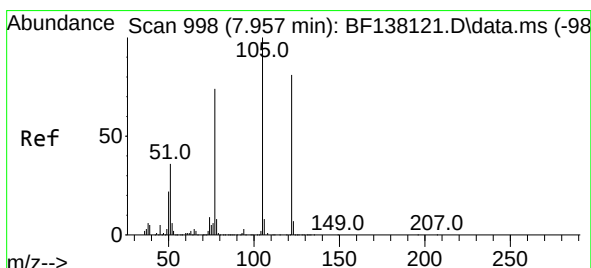
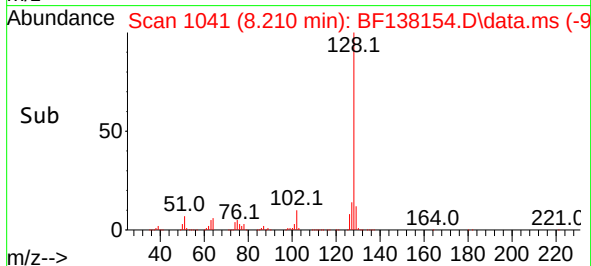
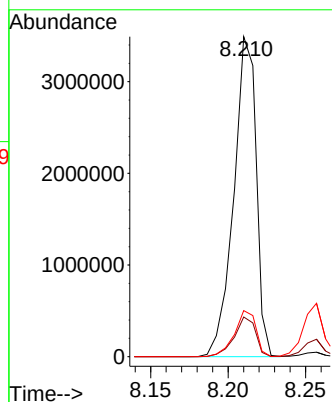
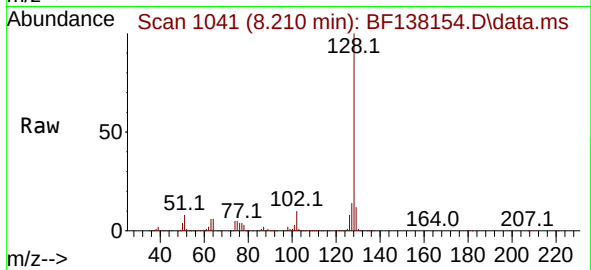
Tgt Ion:128 Resp: 352030
Ion Ratio Lower Upper
128 100
129 12.4 9.4 14.0
127 14.4 11.2 16.8

Manual Integrations

APPROVED

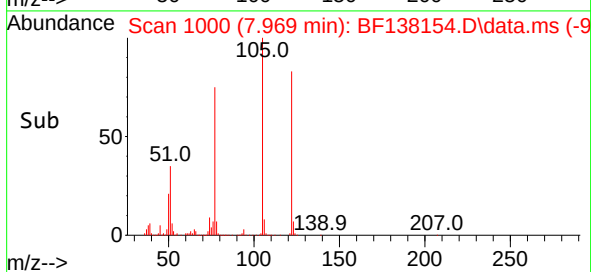
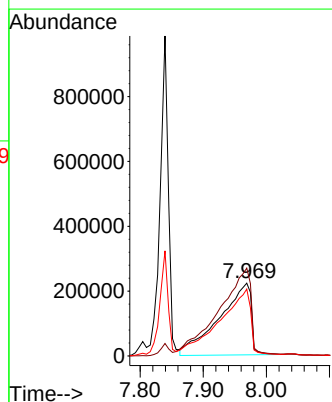
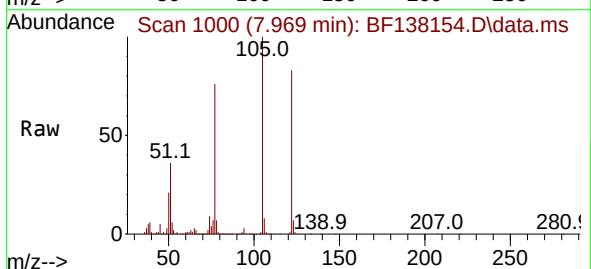
Reviewed By :Yogesh Patel 06/08/2024

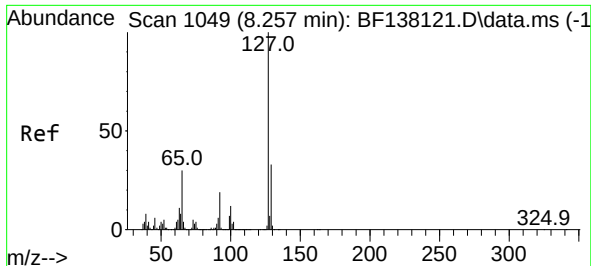
Supervised By :mohammad ahmed 06/10/2024



#32
Benzoic acid
Concen: 51.713 ng
RT: 7.969 min Scan# 1000
Delta R.T. 0.012 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

Tgt Ion:122 Resp: 777629
Ion Ratio Lower Upper
122 100
105 120.7 102.8 142.8
77 91.9 71.2 111.2





#33
4-Chloroaniline
Concen: 17.546 ng
RT: 8.257 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

Instrument :

BNA_F

ClientSampleId :

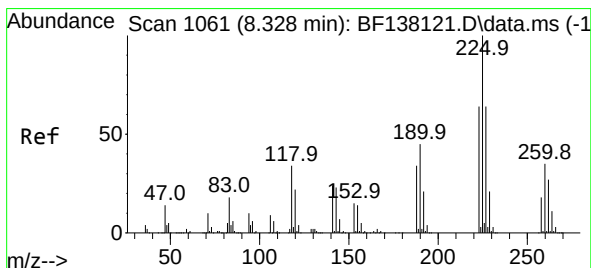
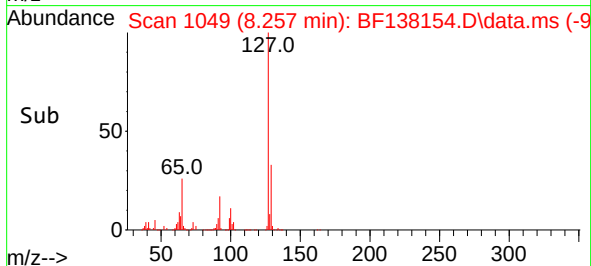
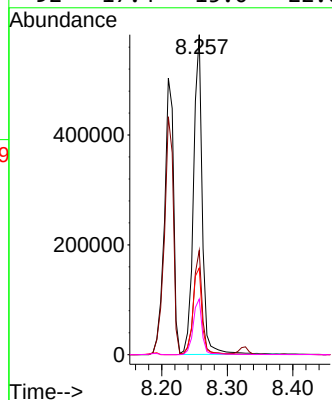
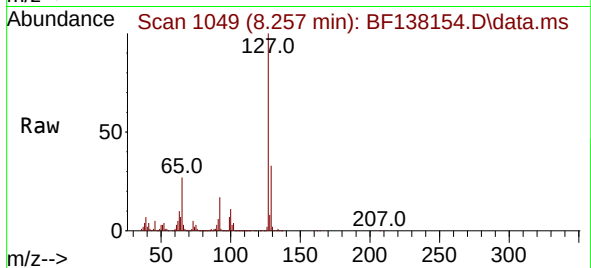
PB161334BSD

Tgt Ion:127 Resp: 54159
Ion Ratio Lower Upper
127 100
129 32.6 26.5 39.7
65 27.1 24.0 36.0
92 17.4 15.0 22.6

Manual Integrations

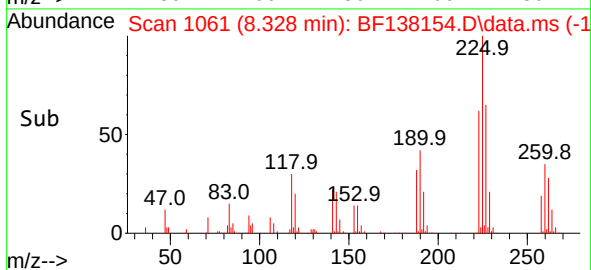
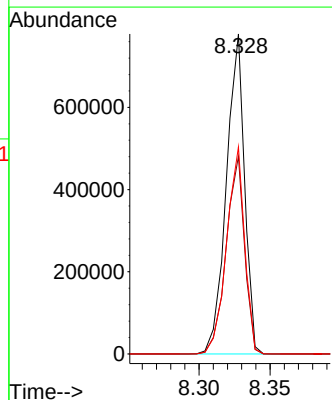
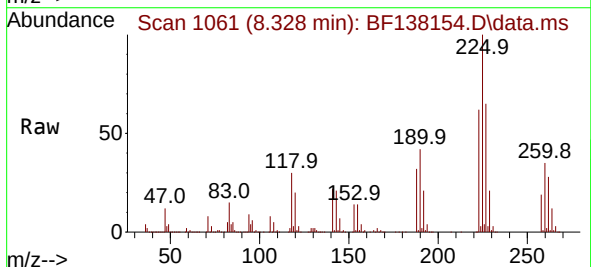
APPROVED

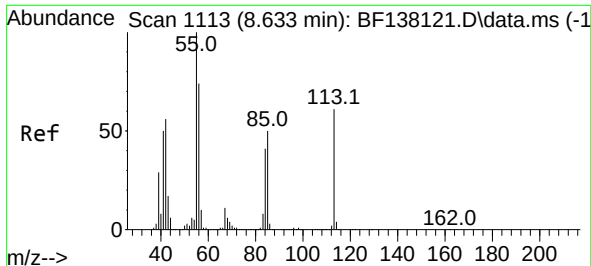
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#34
Hexachlorobutadiene
Concen: 42.400 ng
RT: 8.328 min Scan# 1061
Delta R.T. 0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

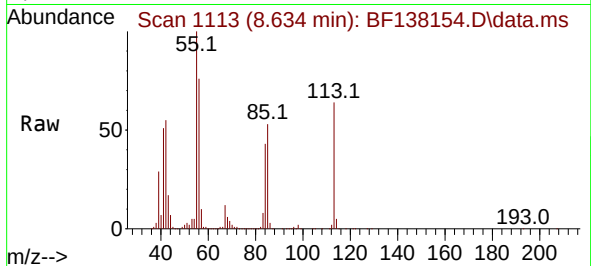
Tgt Ion:225 Resp: 692006
Ion Ratio Lower Upper
225 100
223 61.7 50.9 76.3
227 64.7 51.2 76.8





#35
Caprolactam
Concen: 44.064 ng m
RT: 8.634 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

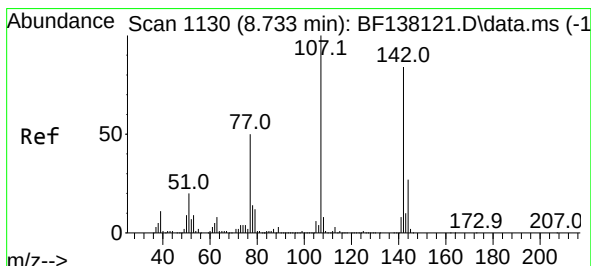
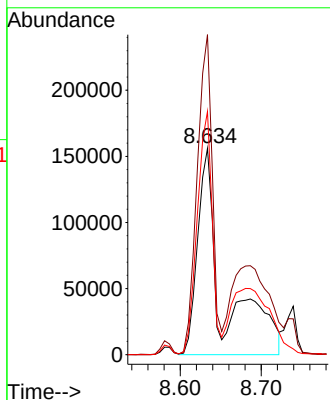
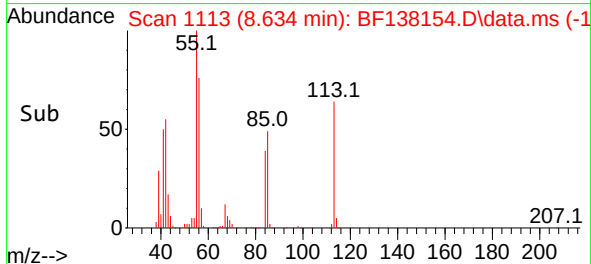
Instrument :
BNA_F
ClientSampleId :
PB161334BSD



Tgt Ion:113 Resp: 338670
Ion Ratio Lower Upper
113 100
55 155.1 144.5 184.5
56 117.9 102.0 142.0

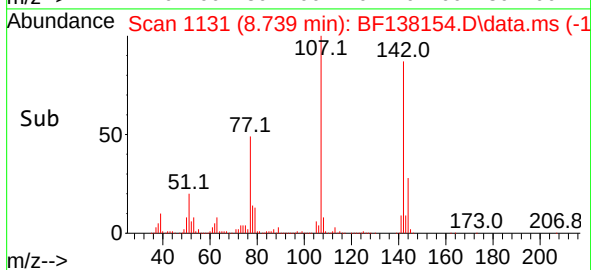
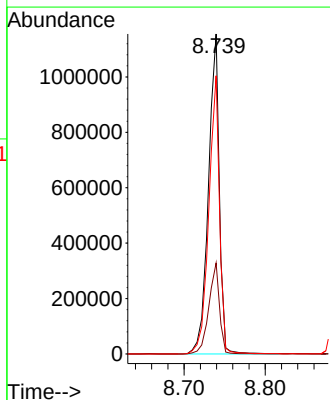
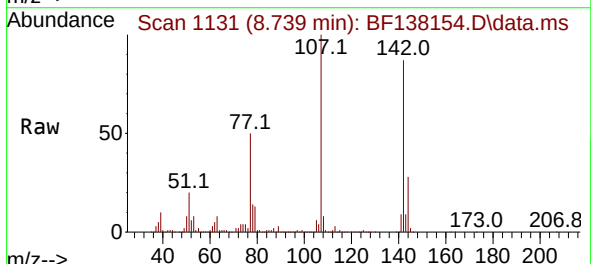
Manual Integrations
APPROVED

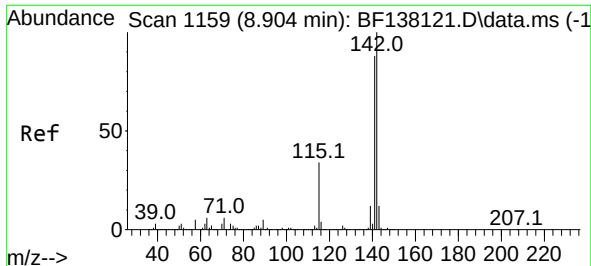
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#36
4-Chloro-3-methylphenol
Concen: 45.602 ng
RT: 8.739 min Scan# 1131
Delta R.T. 0.006 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

Tgt Ion:107 Resp: 1075663
Ion Ratio Lower Upper
107 100
144 28.5 21.7 32.5
142 87.0 67.0 100.4





#37
2-Methylnaphthalene
Concen: 43.206 ng
RT: 8.904 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

Instrument :

BNA_F

ClientSampleId :

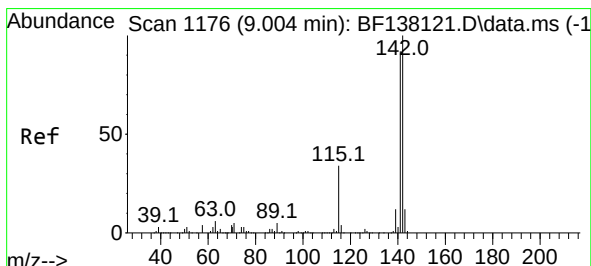
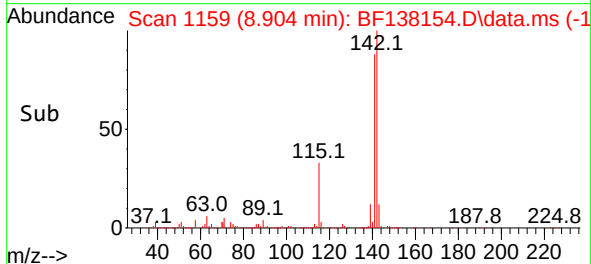
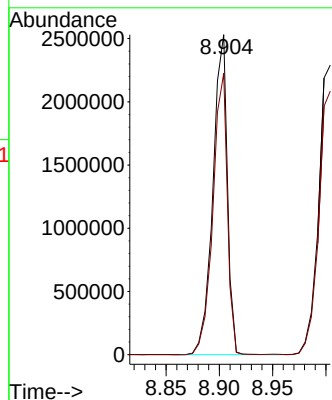
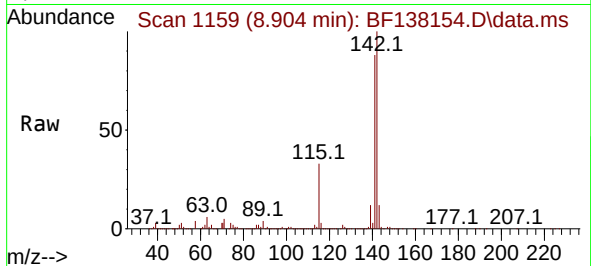
PB161334BSD

Tgt Ion:142 Resp: 2392094
Ion Ratio Lower Upper
142 100
141 87.9 70.5 105.7

Manual Integrations

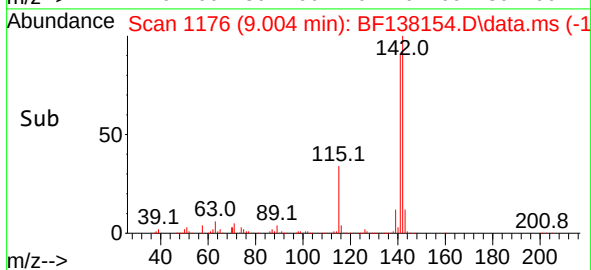
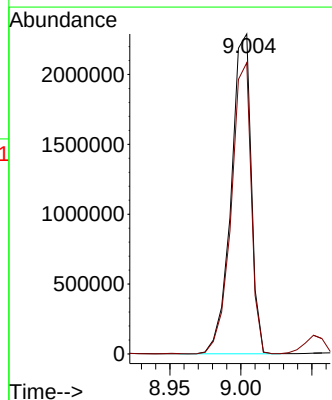
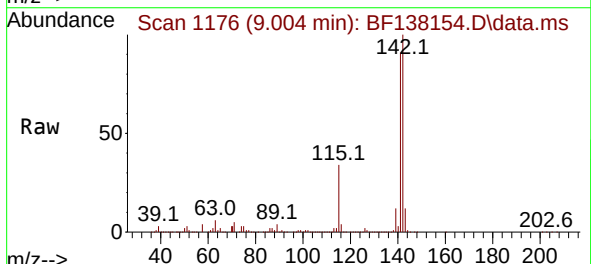
APPROVED

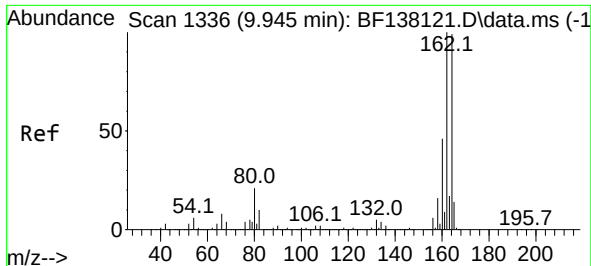
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#38
1-Methylnaphthalene
Concen: 41.479 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

Tgt Ion:142 Resp: 2248575
Ion Ratio Lower Upper
142 100
141 91.0 73.3 109.9





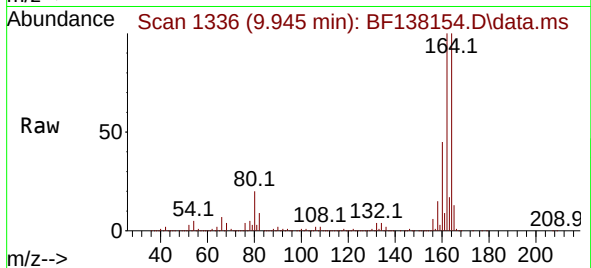
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

Instrument :

BNA_F

ClientSampleId :

PB161334BSD

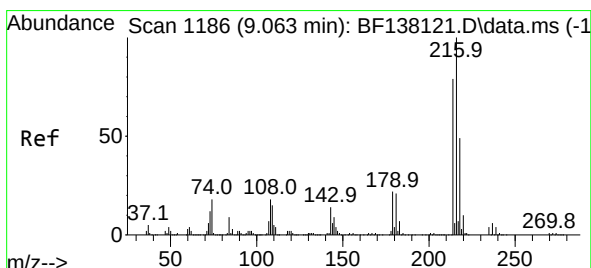
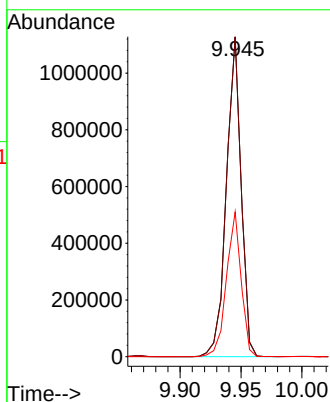
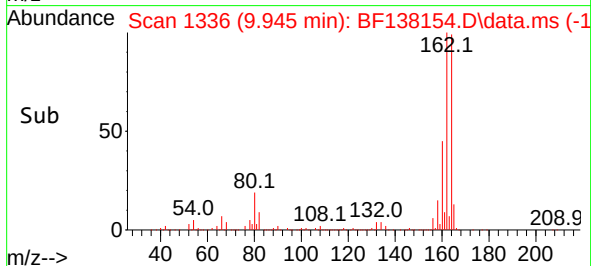


Tgt Ion:164 Resp: 951968
Ion Ratio Lower Upper
164 100
162 100.1 80.9 121.3
160 45.3 37.0 55.6

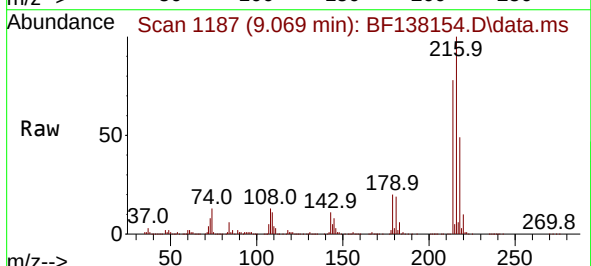
Manual Integrations

APPROVED

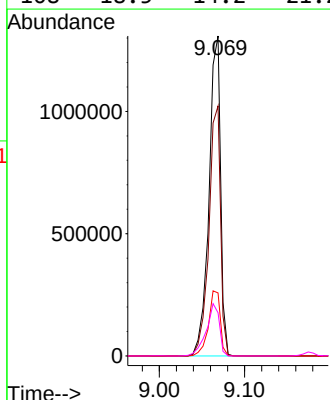
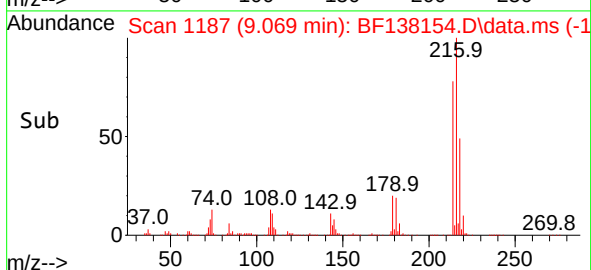
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

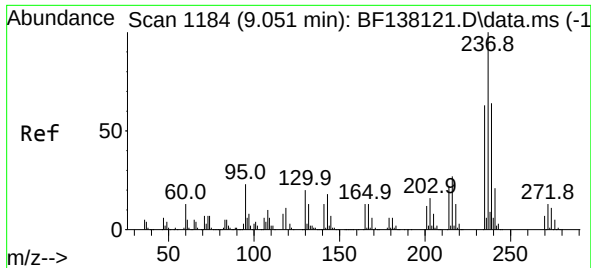


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.940 ng
RT: 9.069 min Scan# 1187
Delta R.T. 0.006 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03



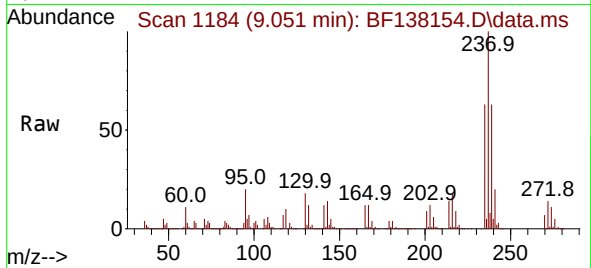
Tgt Ion:216 Resp: 1234727
Ion Ratio Lower Upper
216 100
214 78.7 63.3 94.9
179 20.8 16.9 25.3
108 18.5 14.2 21.2





#41
Hexachlorocyclopentadiene
Concen: 125.753 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

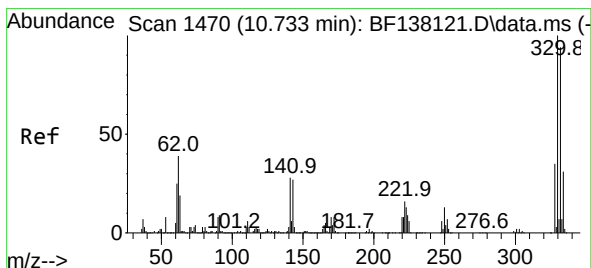
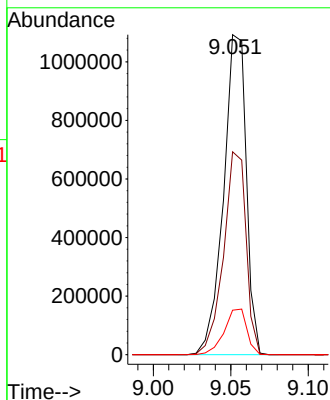
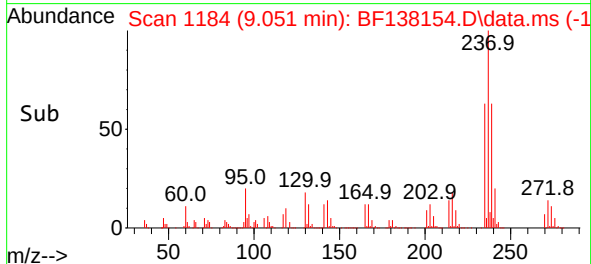
Instrument :
BNA_F
ClientSampleId :
PB161334BSD



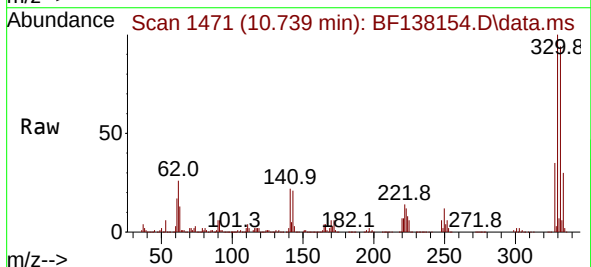
Tgt Ion:237 Resp: 1115744
Ion Ratio Lower Upper
237 100
235 63.4 43.4 83.4
272 13.9 0.0 33.3

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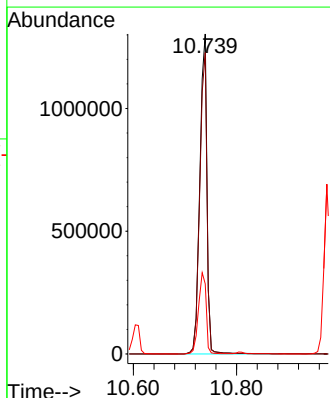
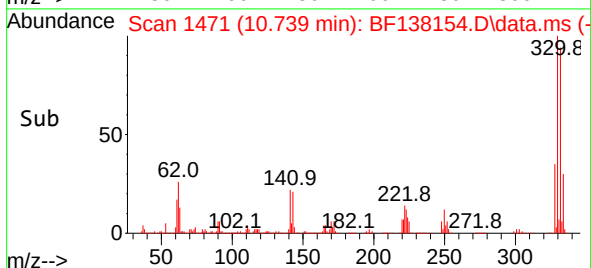
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

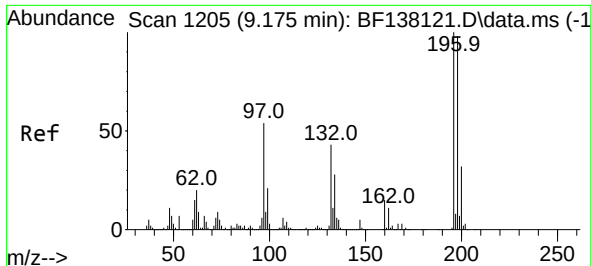


#42
2,4,6-Tribromophenol
Concen: 136.194 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03



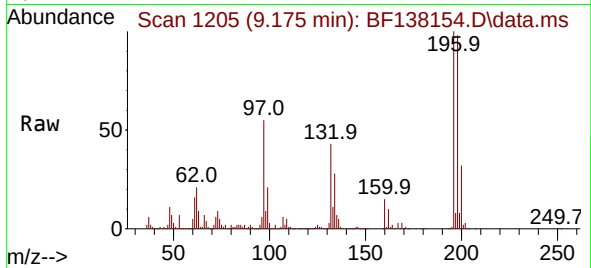
Tgt Ion:330 Resp: 1247739
Ion Ratio Lower Upper
330 100
332 95.4 75.8 113.8
141 27.4 23.2 34.8





#43
2,4,6-Trichlorophenol
Concen: 50.080 ng
RT: 9.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

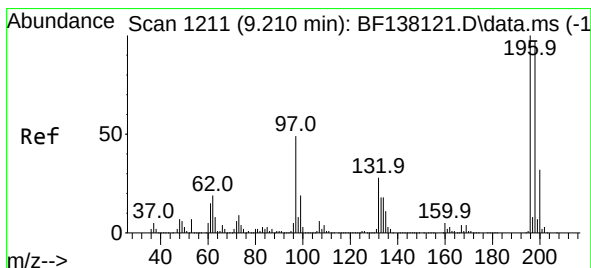
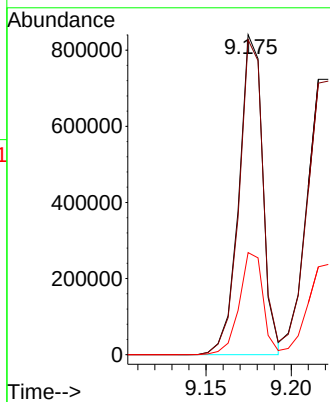
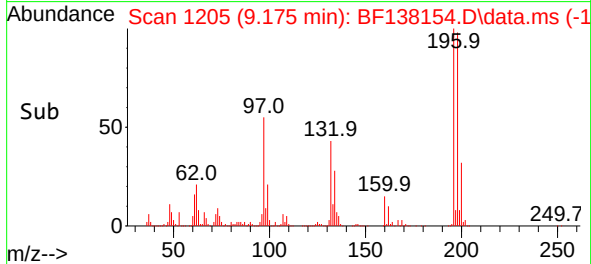
Instrument :
BNA_F
ClientSampleId :
PB161334BSD



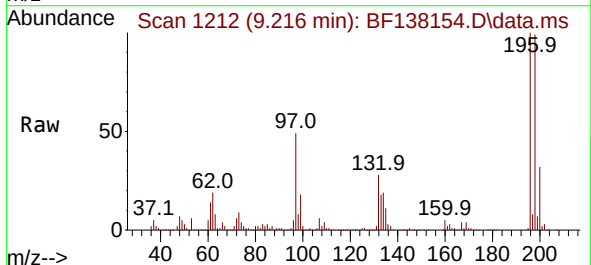
Tgt Ion:196 Resp: 817219
Ion Ratio Lower Upper
196 100
198 98.4 78.5 117.7
200 31.9 25.4 38.0

Manual Integrations
APPROVED

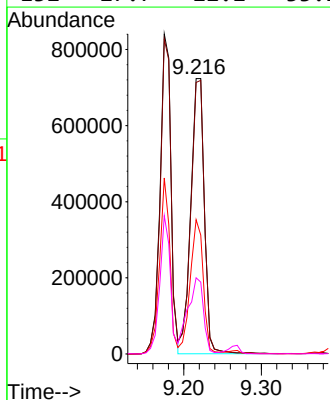
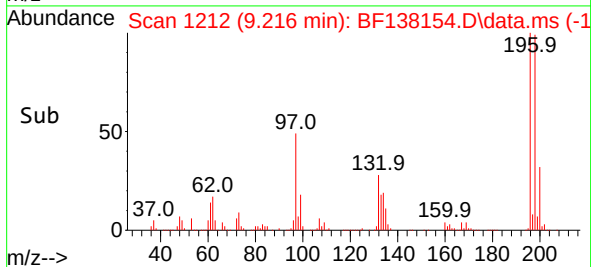
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

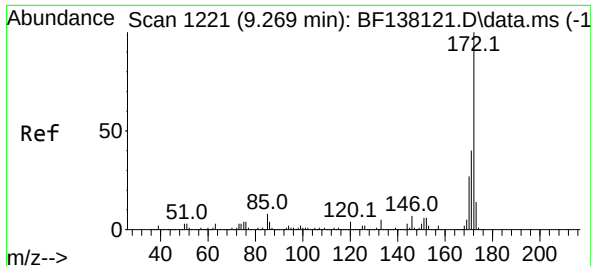


#44
2,4,5-Trichlorophenol
Concen: 49.064 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.006 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03



Tgt Ion:196 Resp: 882229
Ion Ratio Lower Upper
196 100
198 98.6 77.4 116.0
97 48.7 39.5 59.3
132 27.7 22.2 33.2





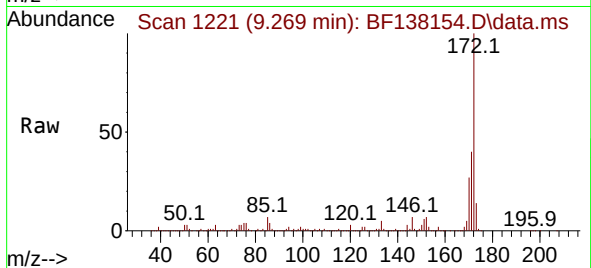
#45
2-Fluorobiphenyl
Concen: 82.568 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

Instrument :

BNA_F

ClientSampleId :

PB161334BSD



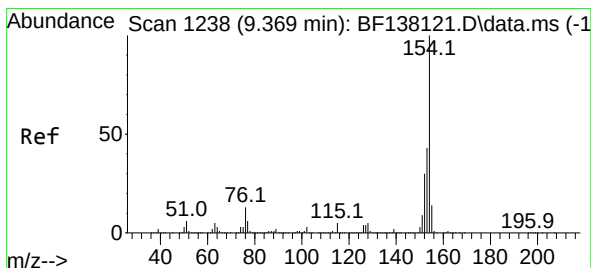
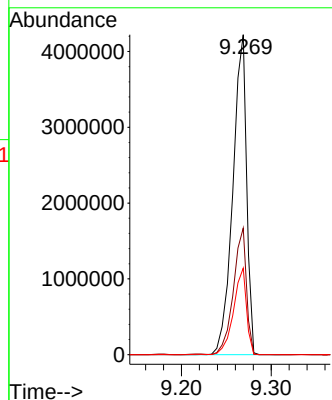
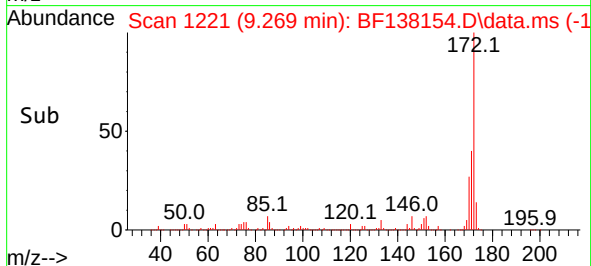
Tgt Ion:172 Resp: 4495309
Ion Ratio Lower Upper
172 100
171 39.5 31.6 47.4
170 27.1 21.4 32.2

Manual Integrations

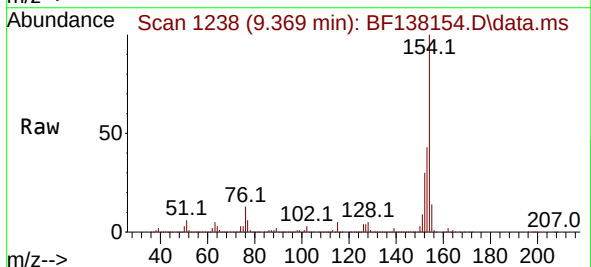
APPROVED

Reviewed By :Yogesh Patel 06/08/2024

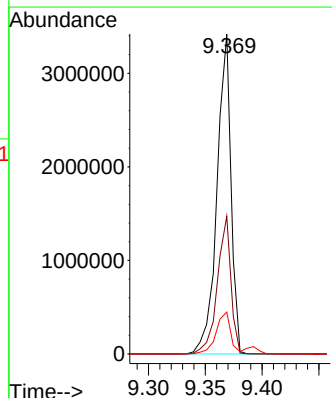
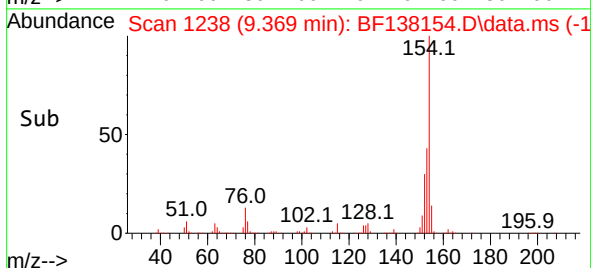
Supervised By :mohammad ahmed 06/10/2024

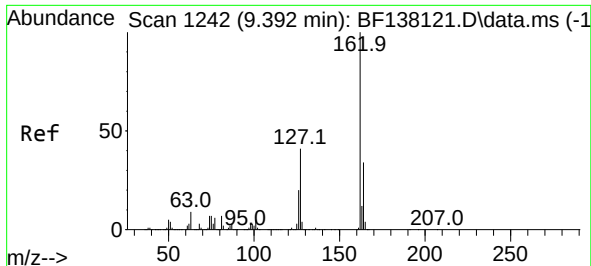


#46
1,1'-Biphenyl
Concen: 44.006 ng
RT: 9.369 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03



Tgt Ion:154 Resp: 2942621
Ion Ratio Lower Upper
154 100
153 43.0 22.7 62.7
76 13.1 0.0 33.3





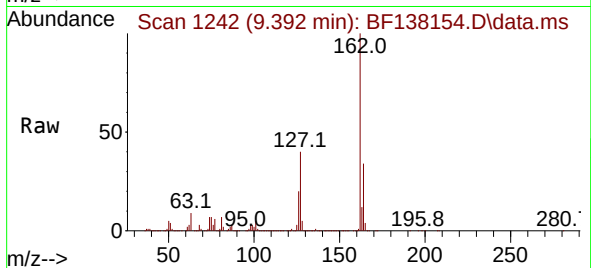
#47
2-Chloronaphthalene
Concen: 43.606 ng
RT: 9.392 min Scan# 1242
Delta R.T. 0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

Instrument :

BNA_F

ClientSampleId :

PB161334BSD



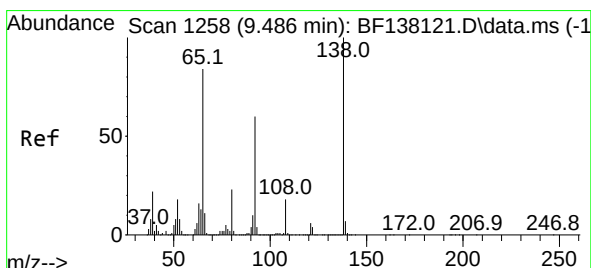
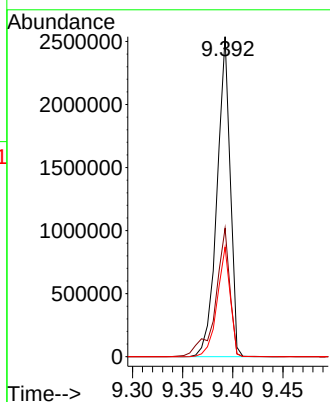
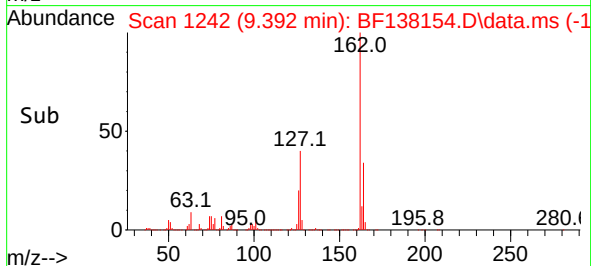
Tgt Ion:162 Resp: 2323760
Ion Ratio Lower Upper
162 100
127 40.2 33.0 49.4
164 34.3 27.5 41.3

Manual Integrations

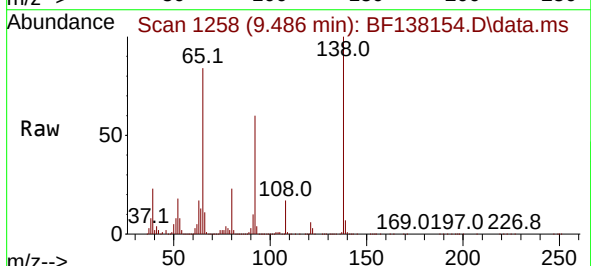
APPROVED

Reviewed By :Yogesh Patel 06/08/2024

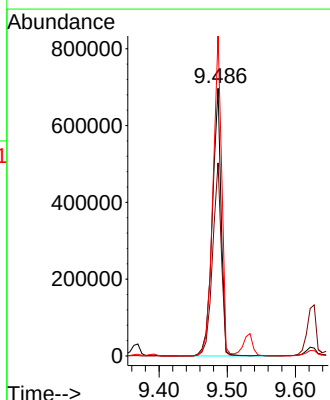
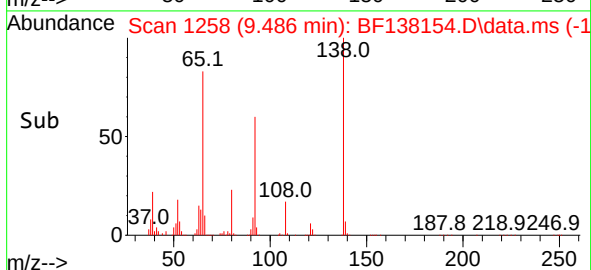
Supervised By :mohammad ahmed 06/10/2024

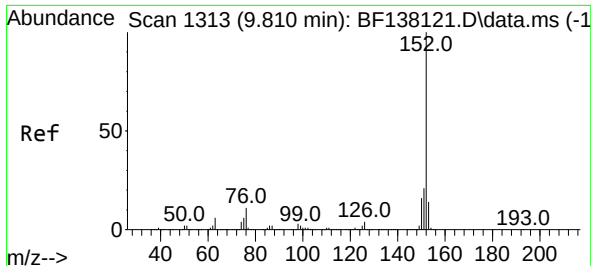


#48
2-Nitroaniline
Concen: 47.718 ng
RT: 9.486 min Scan# 1258
Delta R.T. 0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03



Tgt Ion: 65 Resp: 631465
Ion Ratio Lower Upper
65 100
92 72.1 57.3 85.9
138 119.5 95.4 143.2





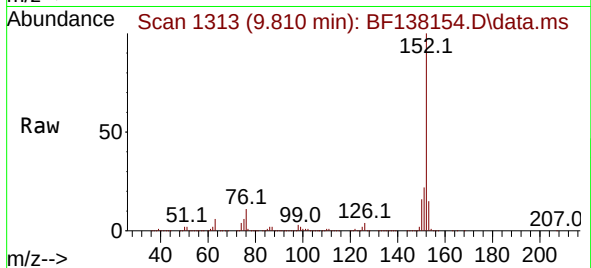
#49
Acenaphthylene
Concen: 46.208 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

Instrument :

BNA_F

ClientSampleId :

PB161334BSD

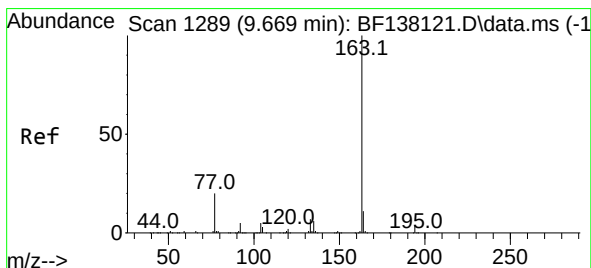
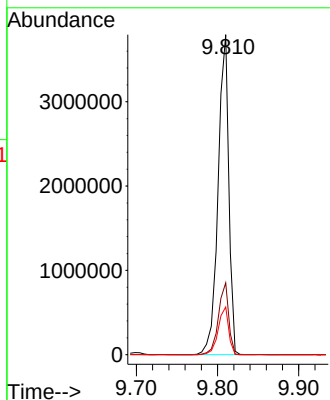
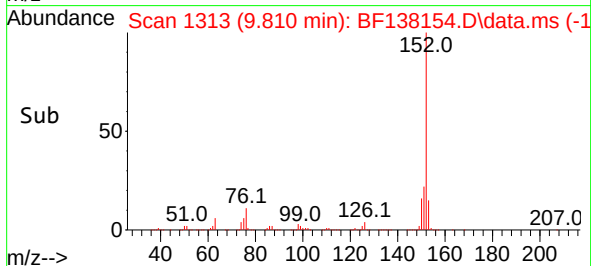


Tgt Ion:152 Resp: 3484615
Ion Ratio Lower Upper
152 100
151 22.5 17.1 25.7
153 14.9 11.6 17.4

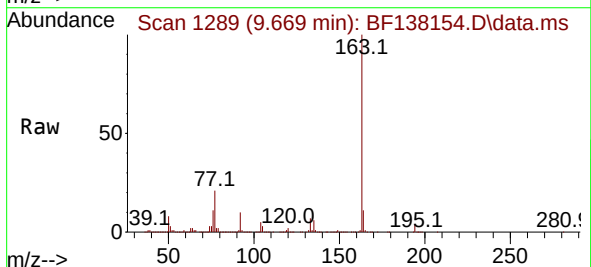
Manual Integrations

APPROVED

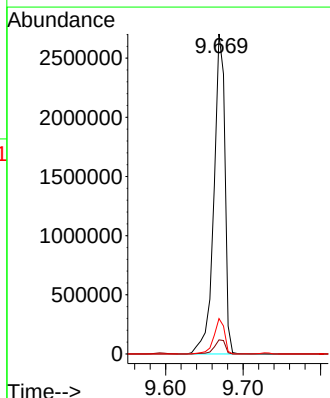
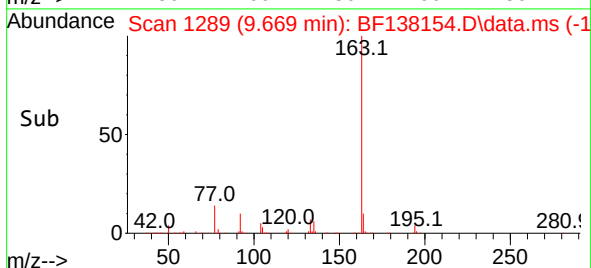
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

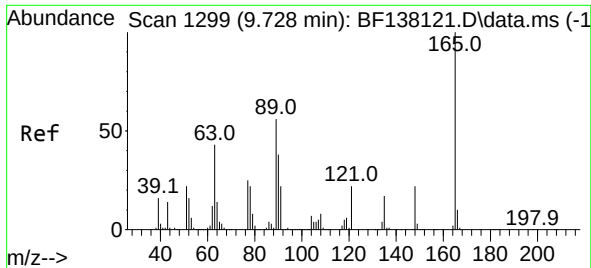


#50
Dimethylphthalate
Concen: 44.745 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03



Tgt Ion:163 Resp: 2676499
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 11.1 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 47.092 ng
RT: 9.728 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

Instrument :

BNA_F

ClientSampleId :

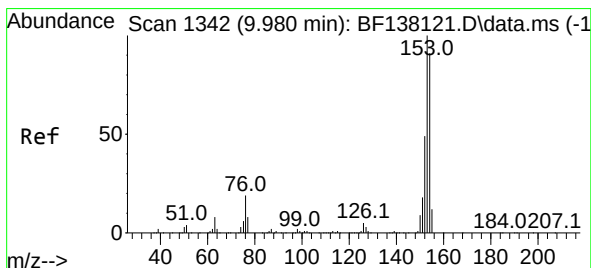
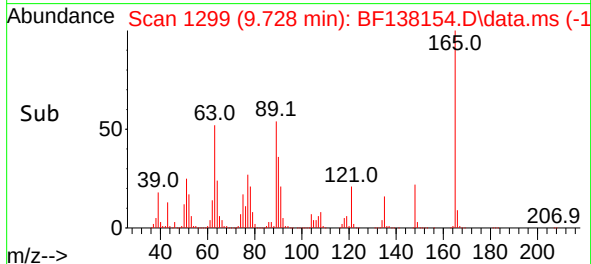
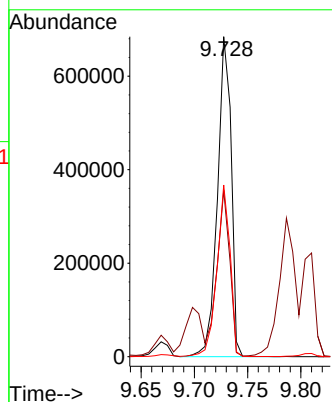
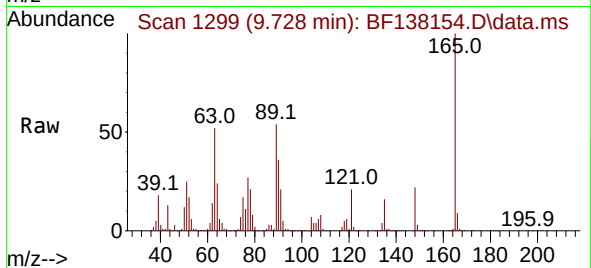
PB161334BSD

Tgt Ion:165 Resp: 610459
Ion Ratio Lower Upper
165 100
63 52.0 42.9 64.3
89 53.6 45.0 67.4

Manual Integrations

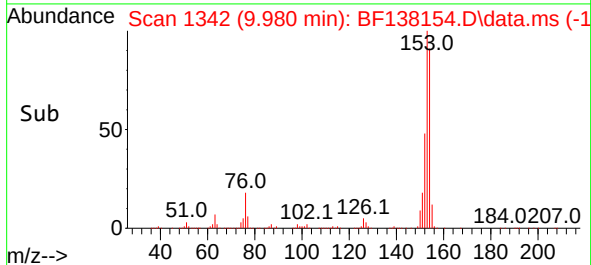
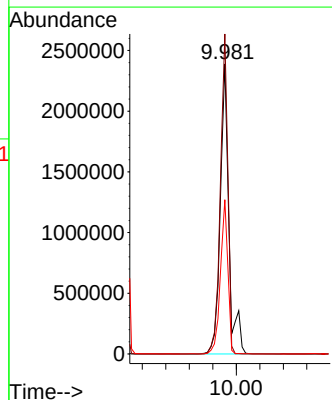
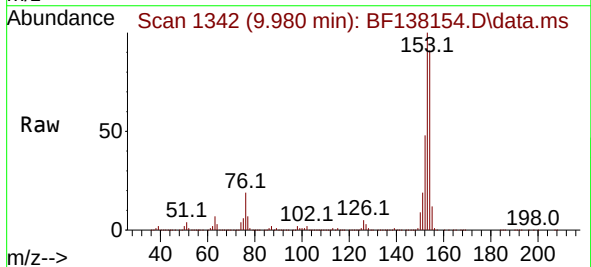
APPROVED

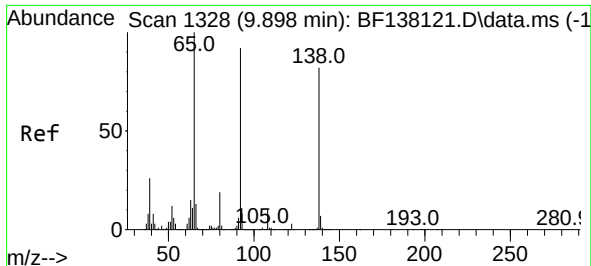
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#52
Acenaphthene
Concen: 47.628 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

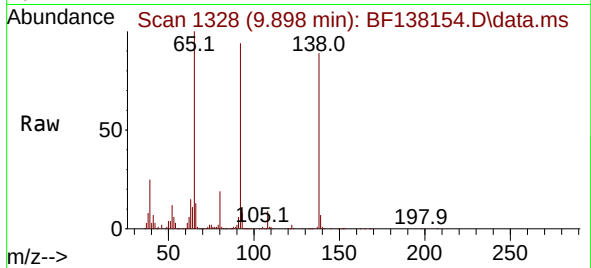
Tgt Ion:154 Resp: 2426826
Ion Ratio Lower Upper
154 100
153 110.3 87.6 131.4
152 53.2 43.0 64.6





#53
3-Nitroaniline
Concen: 32.878 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

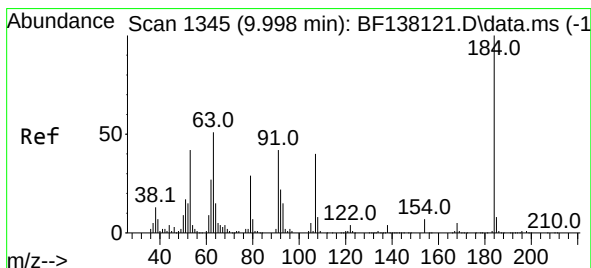
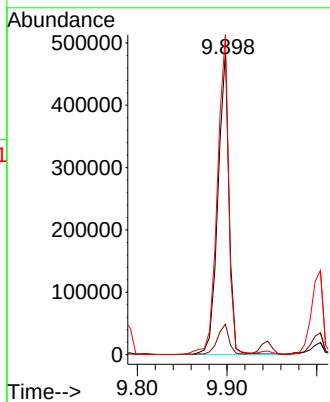
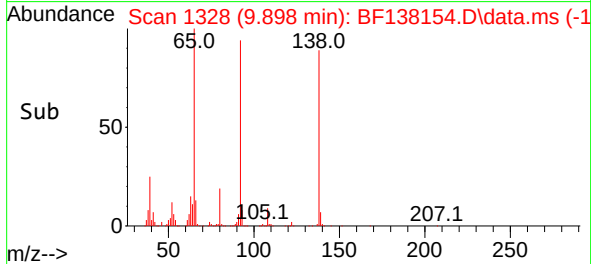
Instrument :
BNA_F
ClientSampleId :
PB161334BSD



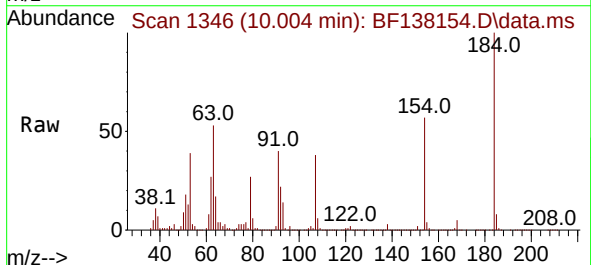
Tgt Ion:138 Resp: 414388
Ion Ratio Lower Upper
138 100
108 10.1 10.3 15.5
92 105.7 89.5 134.3

Manual Integrations
APPROVED

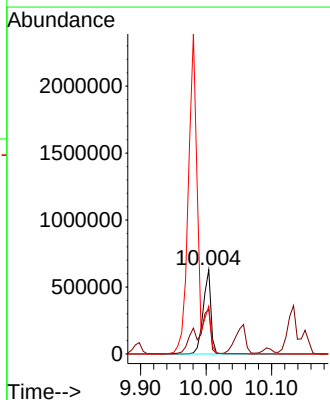
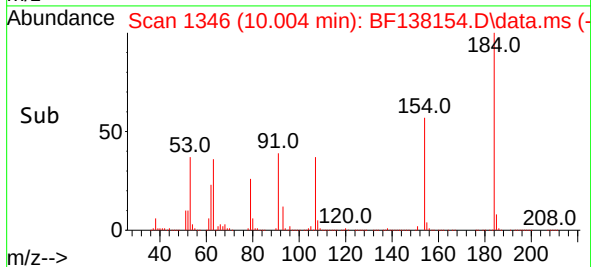
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

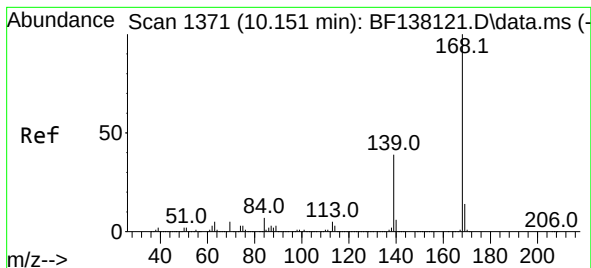


#54
2,4-Dinitrophenol
Concen: 93.091 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03



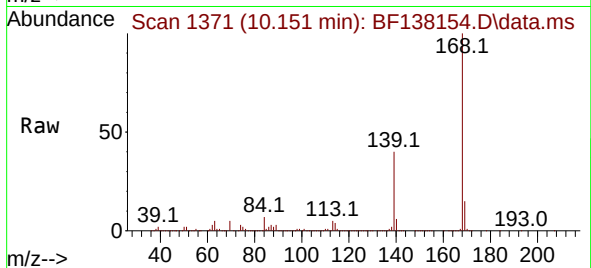
Tgt Ion:184 Resp: 516156
Ion Ratio Lower Upper
184 100
63 53.1 45.4 68.0
154 56.7 46.0 69.0





#55
Dibenzenofuran
Concen: 44.181 ng
RT: 10.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

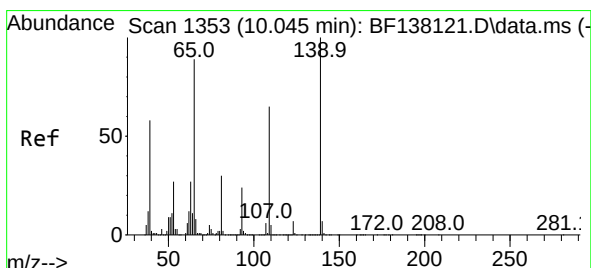
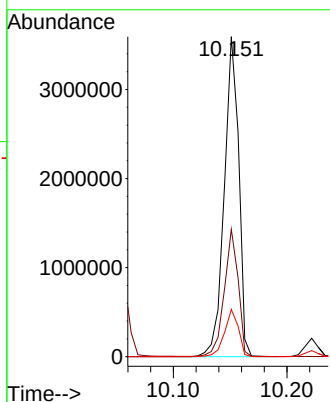
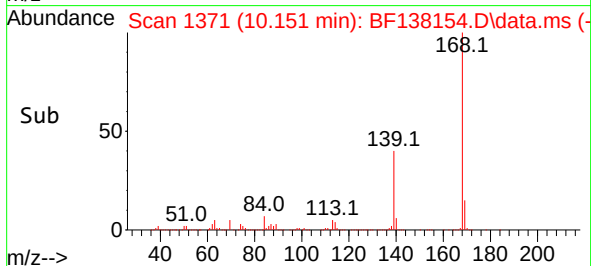
Instrument :
BNA_F
ClientSampleId :
PB161334BSD



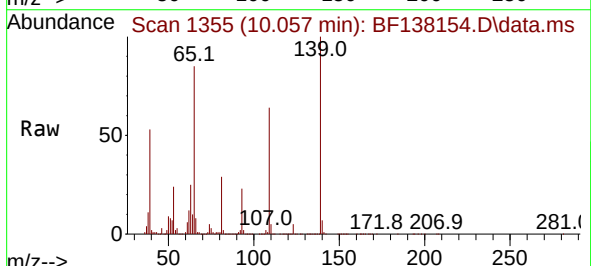
Tgt Ion:168 Resp: 318413
Ion Ratio Lower Upper
168 100
139 39.8 31.1 46.7
169 14.8 11.6 17.4

Manual Integrations
APPROVED

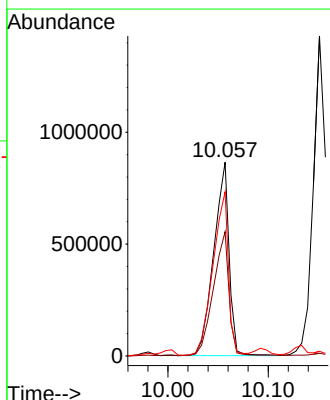
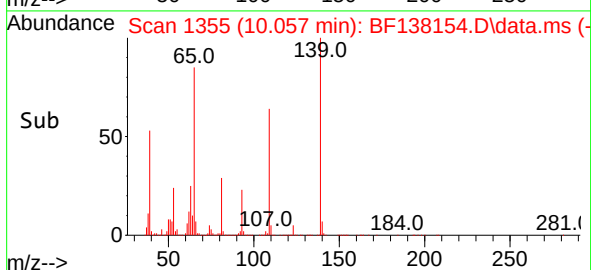
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

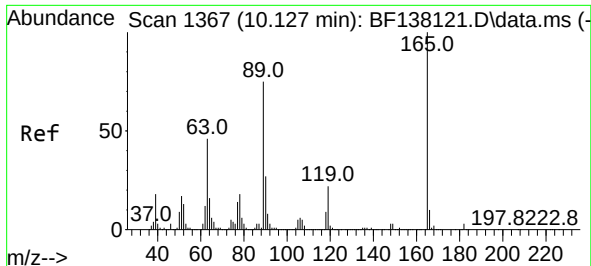


#56
4-Nitrophenol
Concen: 101.539 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.012 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03



Tgt Ion:139 Resp: 923796
Ion Ratio Lower Upper
139 100
109 64.1 45.5 85.5
65 84.7 69.1 109.1





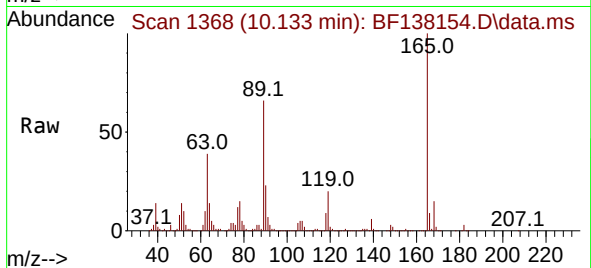
#57
2,4-Dinitrotoluene
Concen: 50.351 ng
RT: 10.133 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

Instrument :

BNA_F

ClientSampleId :

PB161334BSD

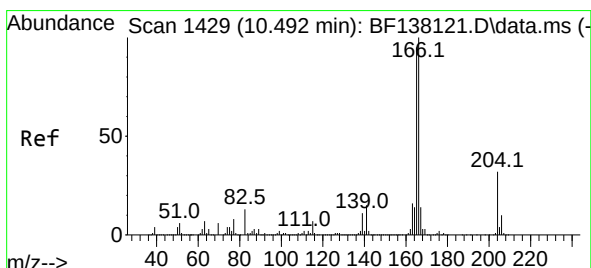
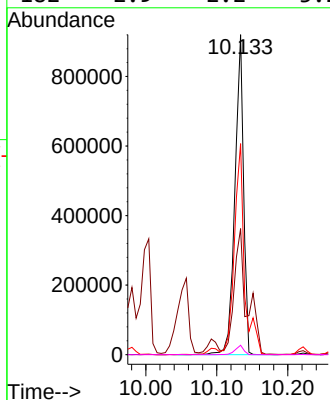
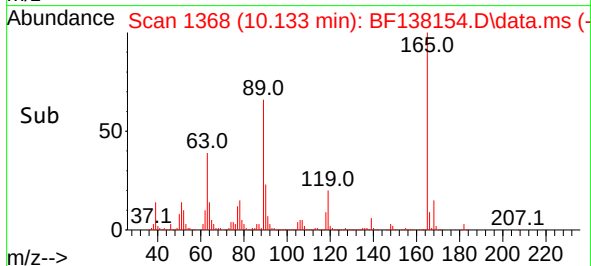


Tgt Ion:165 Resp: 782070
Ion Ratio Lower Upper
165 100
63 39.4 36.8 55.2
89 65.9 60.2 90.2
182 2.9 2.2 3.2

Manual Integrations

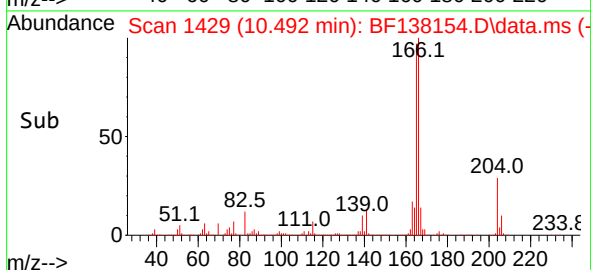
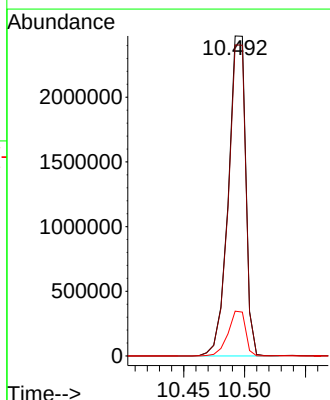
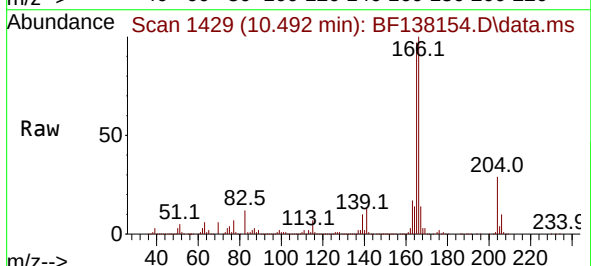
APPROVED

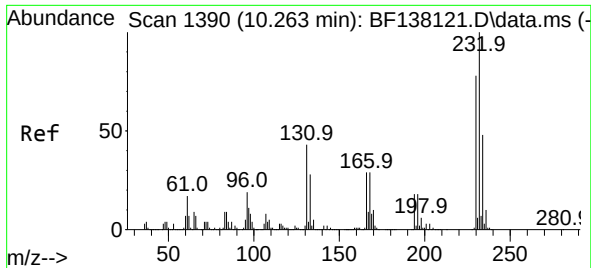
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#58
Fluorene
Concen: 42.942 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

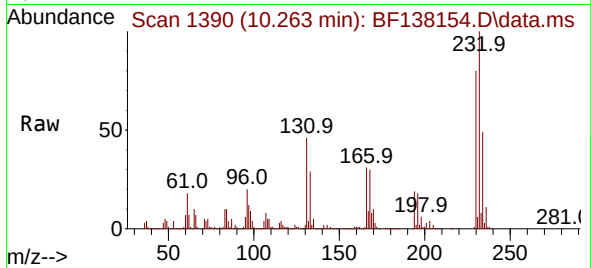
Tgt Ion:166 Resp: 2458227
Ion Ratio Lower Upper
166 100
165 97.2 76.3 114.5
167 14.0 11.2 16.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.567 ng
RT: 10.263 min Scan# 1390
Delta R.T. 0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

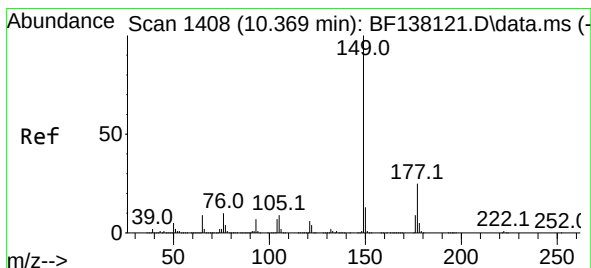
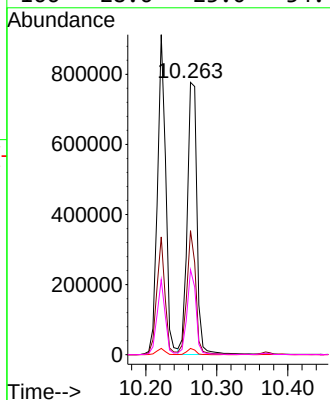
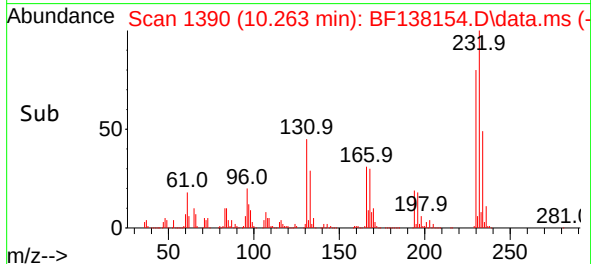
Instrument :
BNA_F
ClientSampleId :
PB161334BSD



Tgt Ion:232 Resp: 731364
Ion Ratio Lower Upper
232 100
131 41.2 33.7 50.5
130 2.1 1.7 2.5
166 28.6 23.0 34.4

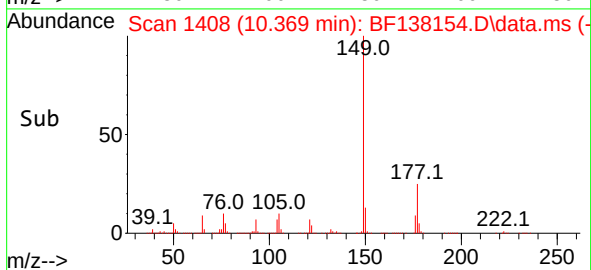
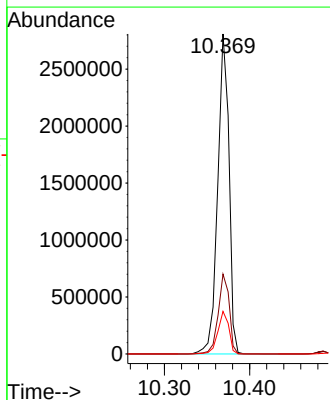
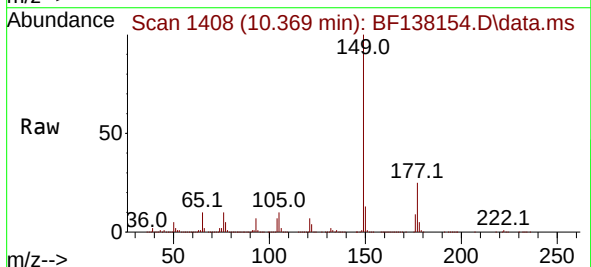
Manual Integrations
APPROVED

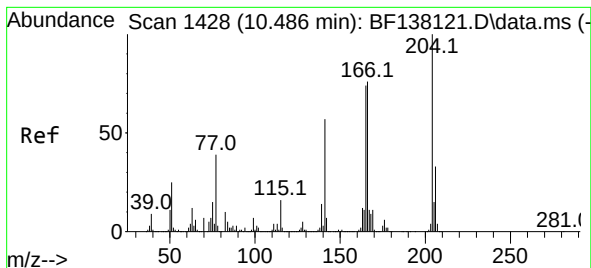
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#60
Diethylphthalate
Concen: 44.148 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

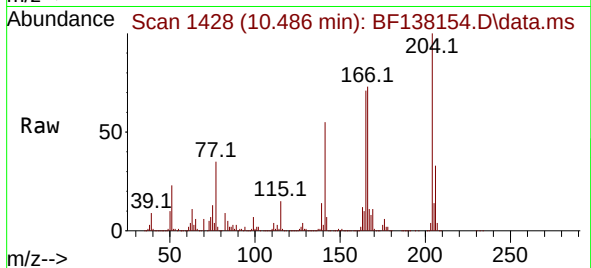
Tgt Ion:149 Resp: 2577949
Ion Ratio Lower Upper
149 100
177 24.9 19.9 29.9
150 13.3 10.7 16.1





#61
4-Chlorophenyl-phenylether
Concen: 43.519 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

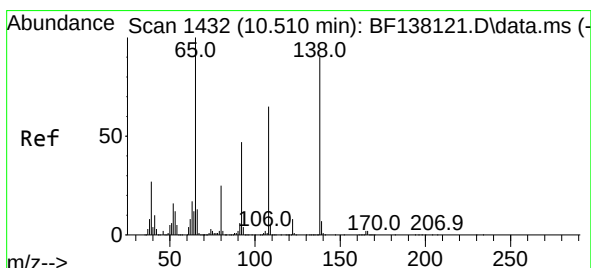
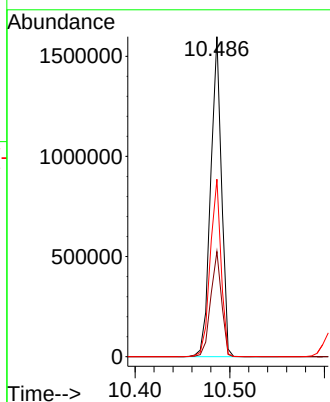
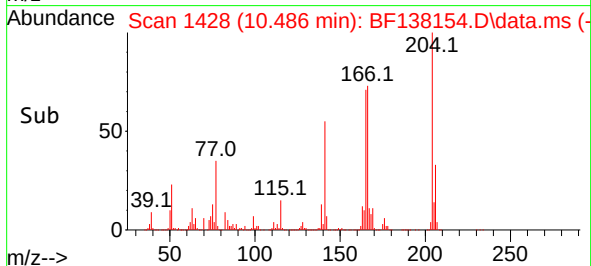
Instrument :
BNA_F
ClientSampleId :
PB161334BSD



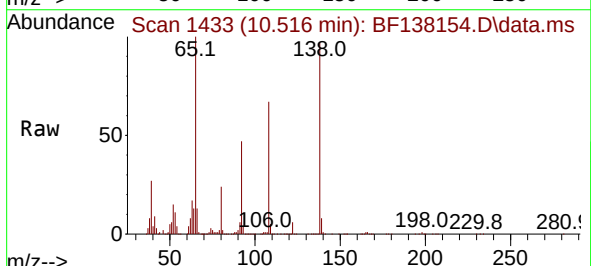
Tgt Ion:204 Resp: 126561
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 55.4 45.2 67.8

Manual Integrations
APPROVED

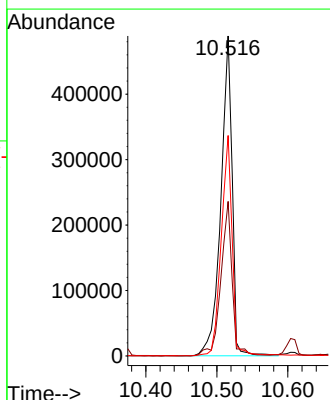
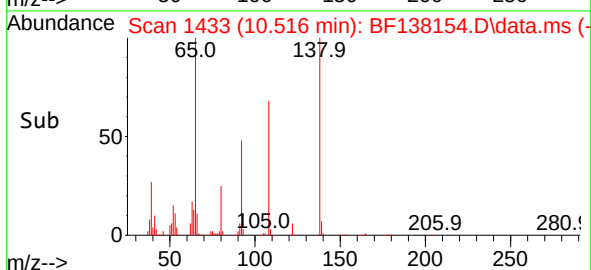
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

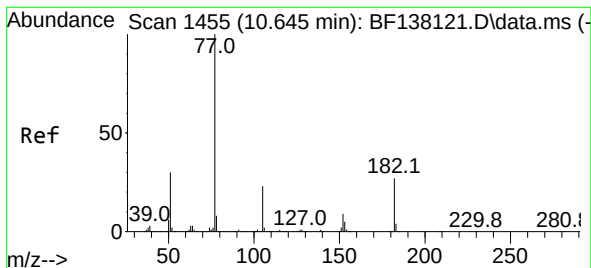


#62
4-Nitroaniline
Concen: 48.208 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03



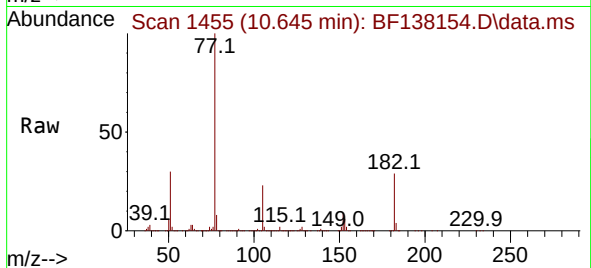
Tgt Ion:138 Resp: 538247
Ion Ratio Lower Upper
138 100
92 48.3 32.3 72.3
108 68.9 53.0 93.0





#63
Azobenzene
Concen: 43.160 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

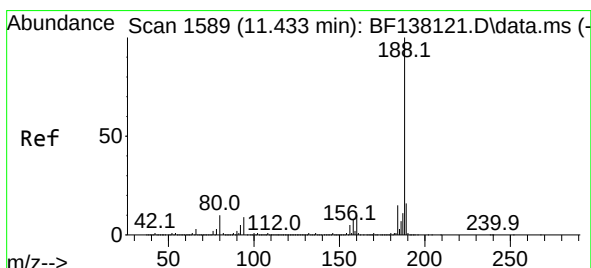
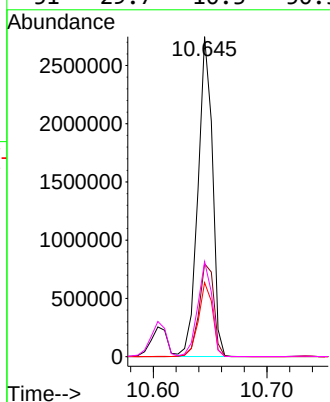
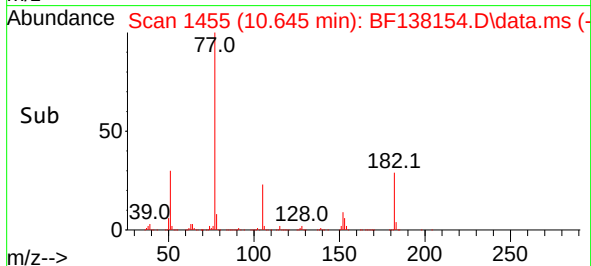
Instrument :
BNA_F
ClientSampleId :
PB161334BSD



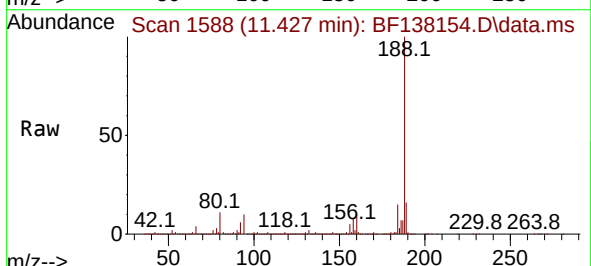
Tgt Ion: 77 Resp: 2427470
Ion Ratio Lower Upper
77 100
182 29.0 7.2 47.2
105 23.1 3.0 43.0
51 29.7 10.3 50.3

Manual Integrations
APPROVED

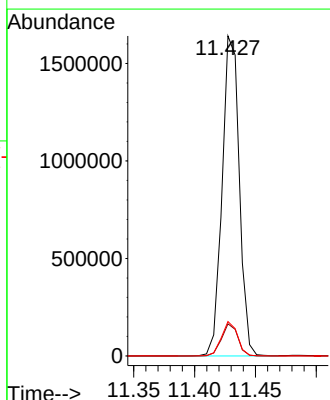
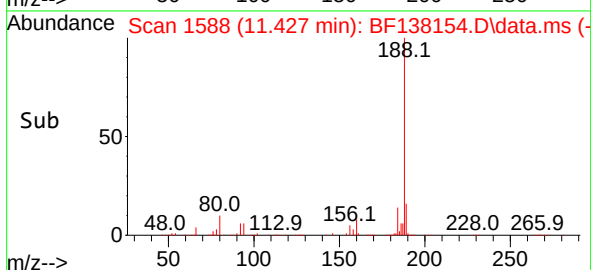
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

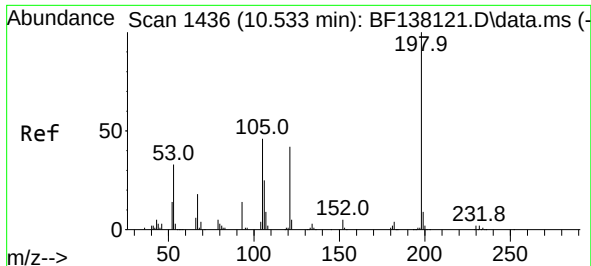


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03



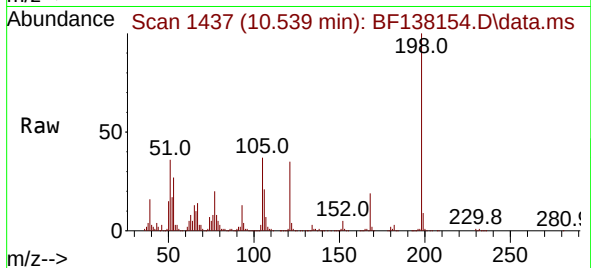
Tgt Ion:188 Resp: 1610494
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.2
80 10.7 7.7 11.5





#65
4,6-Dinitro-2-methylphenol
Concen: 56.054 ng
RT: 10.539 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

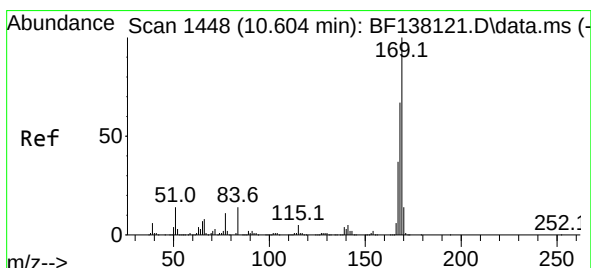
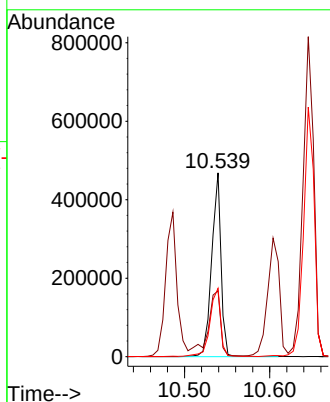
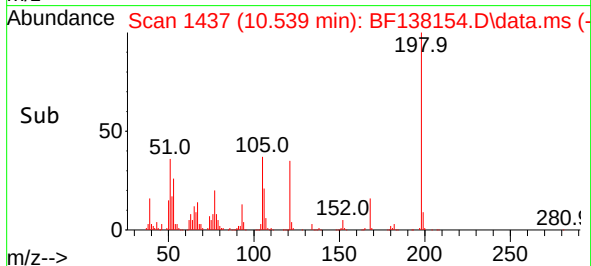
Instrument :
BNA_F
ClientSampleId :
PB161334BSD



Tgt Ion:198 Resp: 358344
Ion Ratio Lower Upper
198 100
51 35.7 28.2 68.2
105 37.2 26.8 66.8

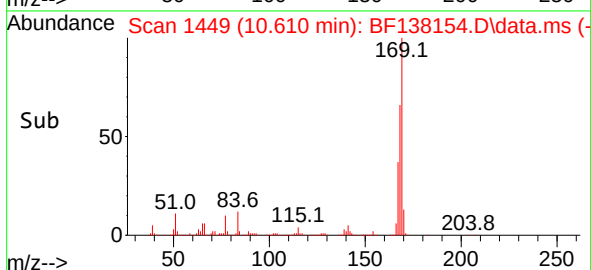
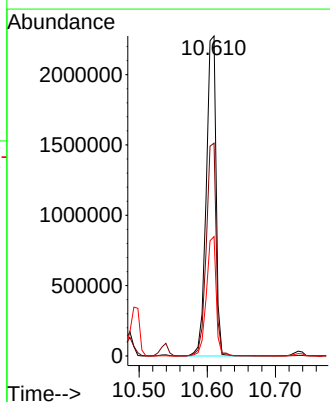
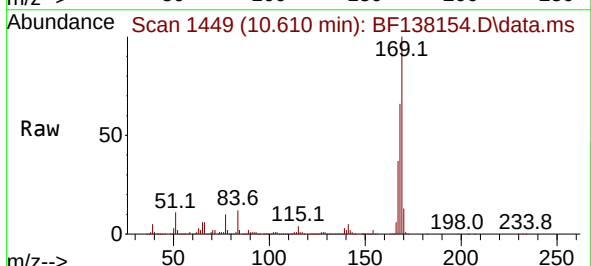
Manual Integrations
APPROVED

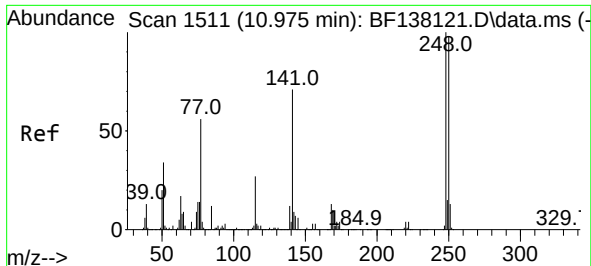
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#66
n-Nitrosodiphenylamine
Concen: 47.141 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

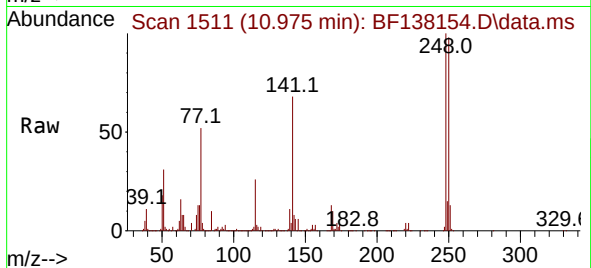
Tgt Ion:169 Resp: 2267157
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.2
167 37.3 29.8 44.6





#67
4-Bromophenyl-phenylether
Concen: 47.892 ng
RT: 10.975 min Scan# 1511
Delta R.T. 0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

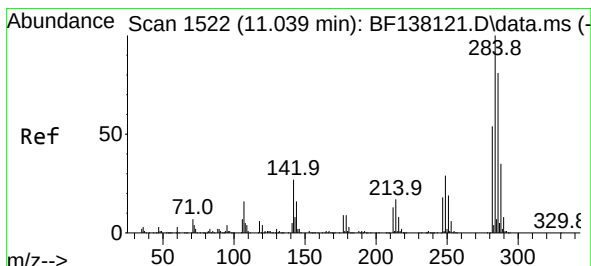
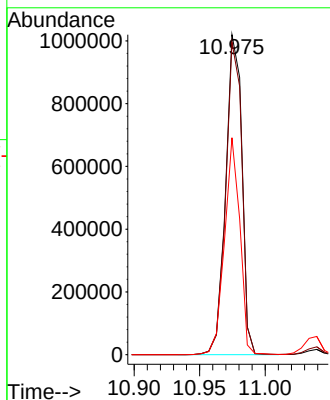
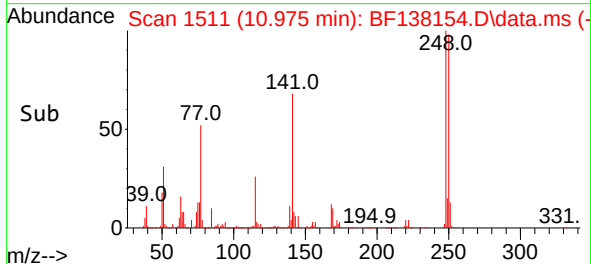
Instrument :
BNA_F
ClientSampleId :
PB161334BSD



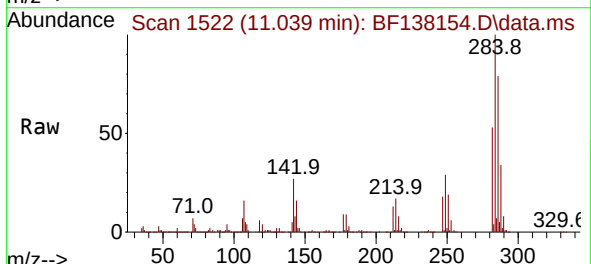
Tgt Ion:248 Resp: 87821
Ion Ratio Lower Upper
248 100
250 97.7 78.7 118.1
141 67.8 56.5 84.7

Manual Integrations
APPROVED

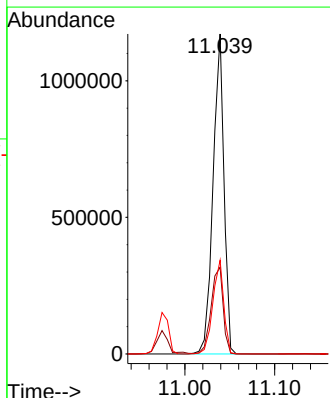
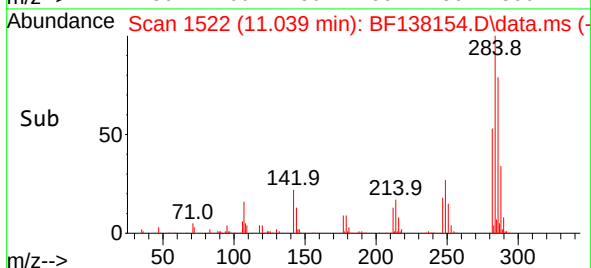
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

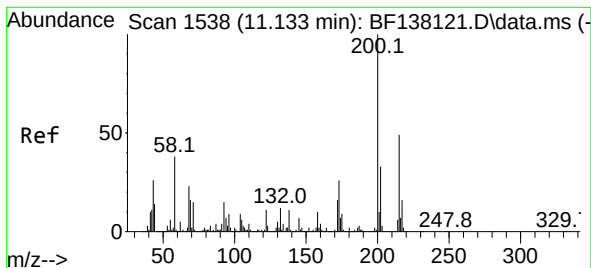


#68
Hexachlorobenzene
Concen: 46.451 ng
RT: 11.039 min Scan# 1522
Delta R.T. 0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03



Tgt Ion:284 Resp: 990268
Ion Ratio Lower Upper
284 100
142 27.1 21.4 32.0
249 29.3 23.3 34.9





#69

Atrazine

Concen: 49.190 ng

RT: 11.133 min Scan# 1538

Delta R.T. 0.000 min

Lab File: BF138154.D

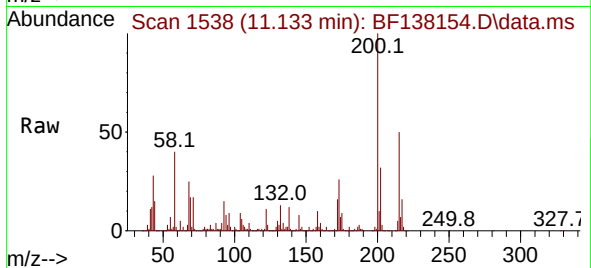
Acq: 07 Jun 2024 12:03

Instrument :

BNA_F

ClientSampleId :

PB161334BSD



Tgt Ion:200 Resp: 761129

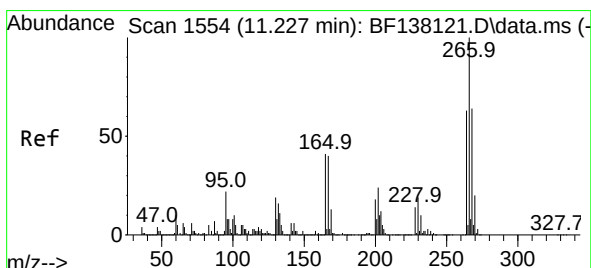
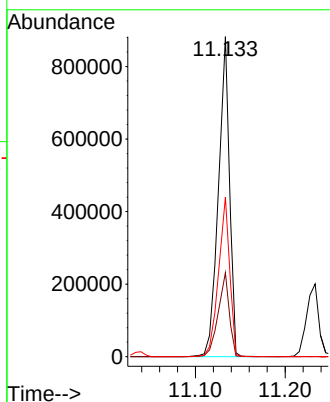
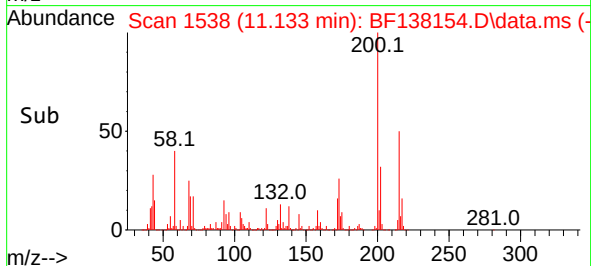
Ion	Ratio	Lower	Upper
200	100		
173	26.3	5.7	45.7
215	49.9	29.4	69.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/10/2024



#70

Pentachlorophenol

Concen: 98.501 ng

RT: 11.233 min Scan# 1555

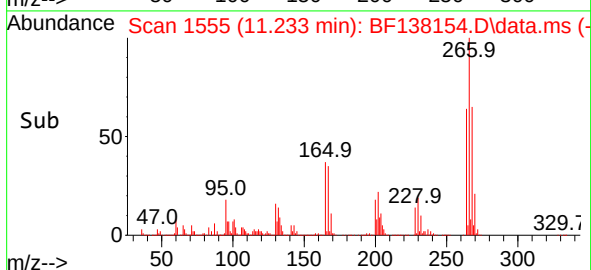
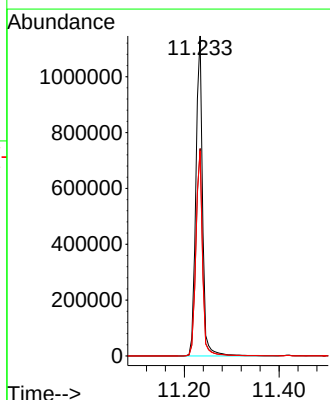
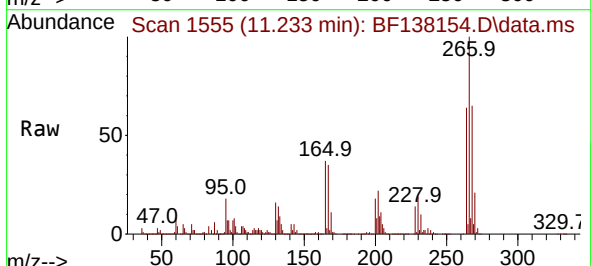
Delta R.T. 0.006 min

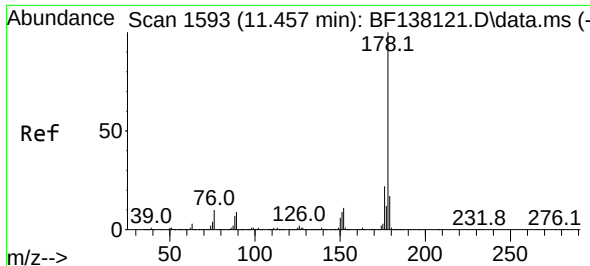
Lab File: BF138154.D

Acq: 07 Jun 2024 12:03

Tgt Ion:266 Resp: 1124096

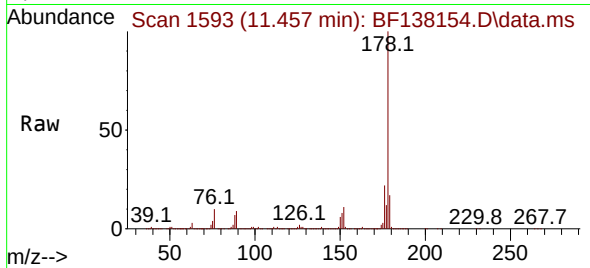
Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.4	77.0
264	64.1	50.1	75.1





#71
Phenanthrene
Concen: 45.175 ng
RT: 11.457 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

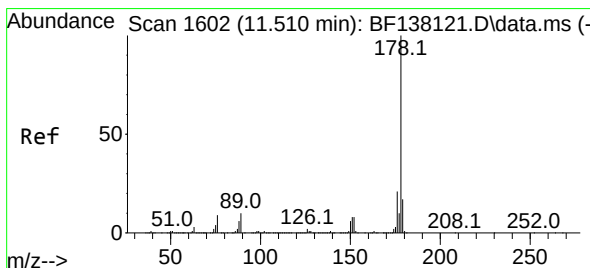
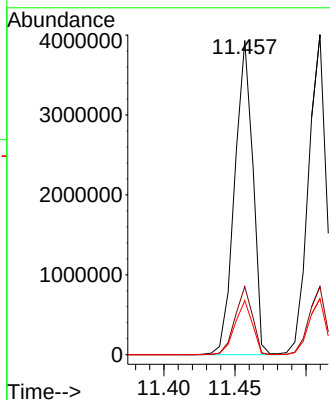
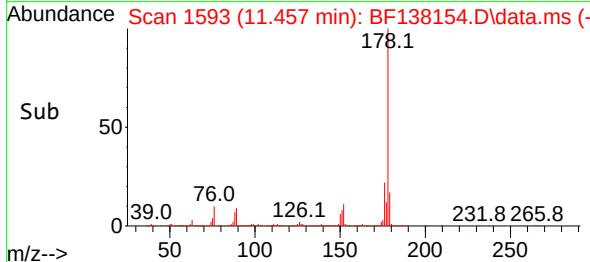
Instrument :
BNA_F
ClientSampleId :
PB161334BSD



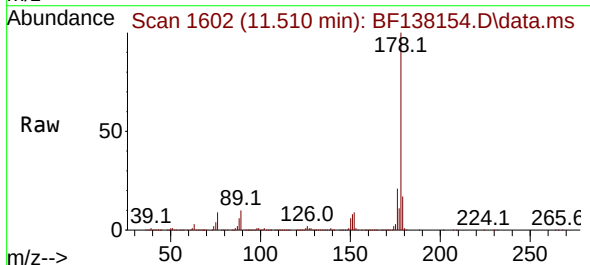
Tgt Ion:178 Resp: 3502389
Ion Ratio Lower Upper
178 100
176 21.7 17.2 25.8
179 17.2 13.6 20.4

Manual Integrations
APPROVED

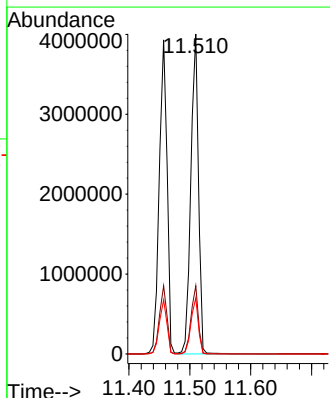
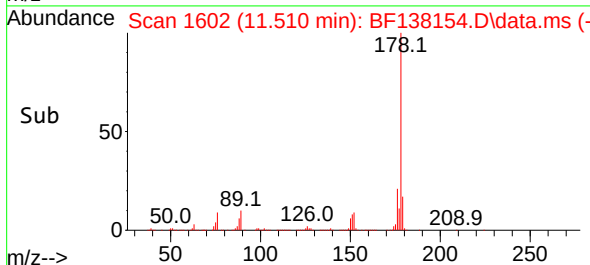
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

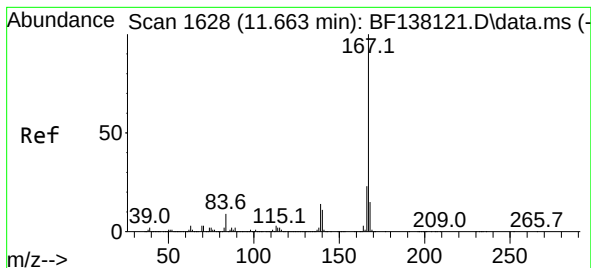


#72
Anthracene
Concen: 44.892 ng
RT: 11.510 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03



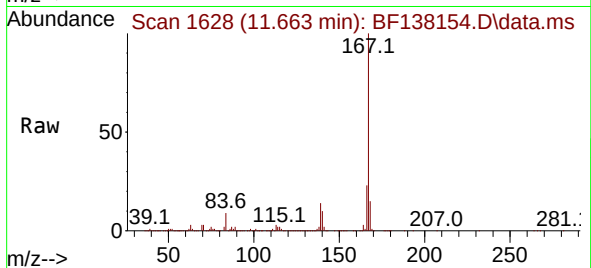
Tgt Ion:178 Resp: 3471377
Ion Ratio Lower Upper
178 100
176 21.3 16.5 24.7
179 17.5 13.6 20.4





#73
 Carbazole
 Concen: 42.554 ng
 RT: 11.663 min Scan# 1628
 Delta R.T. 0.000 min
 Lab File: BF138154.D
 Acq: 07 Jun 2024 12:03

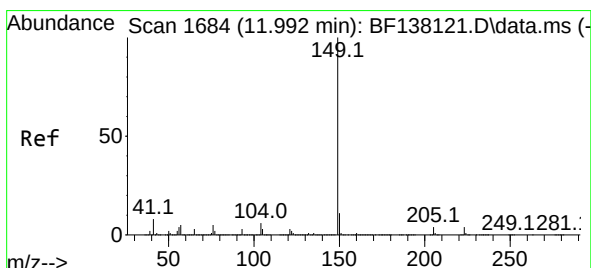
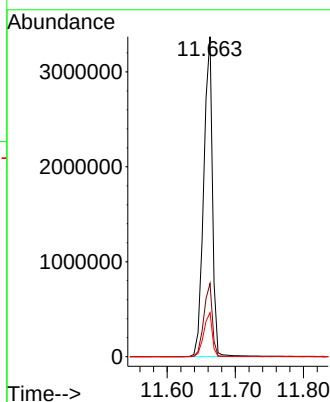
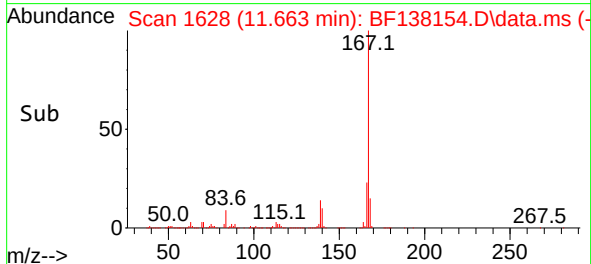
Instrument :
 BNA_F
 ClientSampleId :
 PB161334BSD



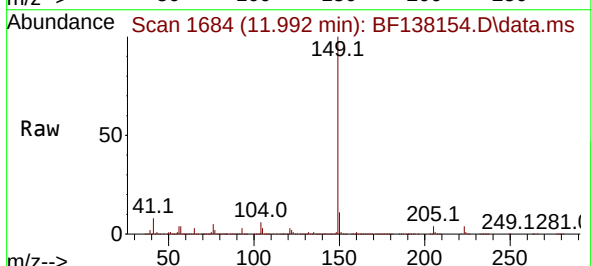
Tgt Ion:167 Resp: 3009270
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.6 27.8
 139 13.7 11.0 16.6

Manual Integrations
 APPROVED

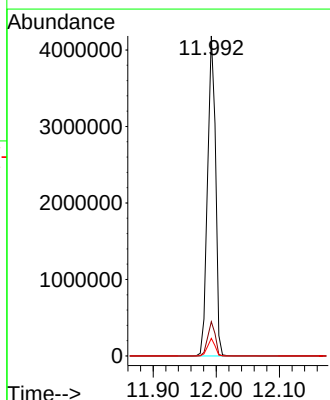
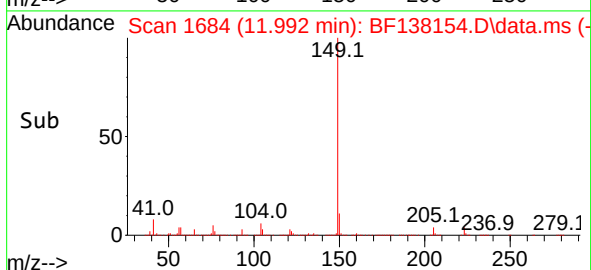
Reviewed By :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/10/2024

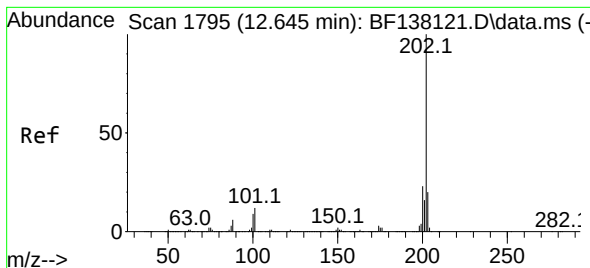


#74
 Di-n-butylphthalate
 Concen: 44.271 ng
 RT: 11.992 min Scan# 1684
 Delta R.T. 0.000 min
 Lab File: BF138154.D
 Acq: 07 Jun 2024 12:03



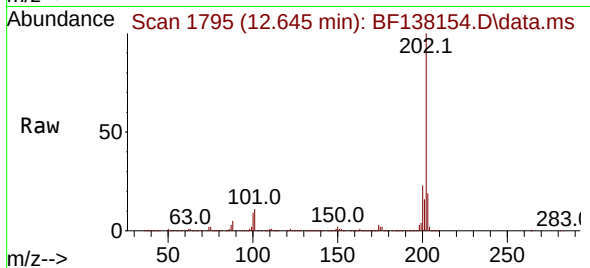
Tgt Ion:149 Resp: 3679872
 Ion Ratio Lower Upper
 149 100
 150 10.7 8.5 12.7
 104 5.5 4.4 6.6





#75
Fluoranthene
Concen: 40.994 ng
RT: 12.645 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

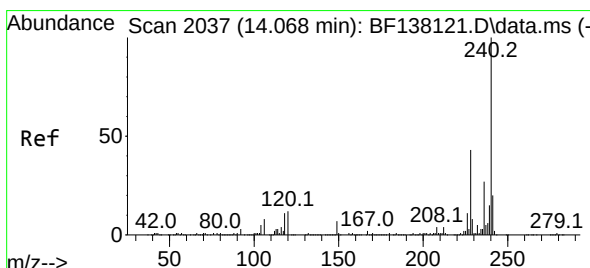
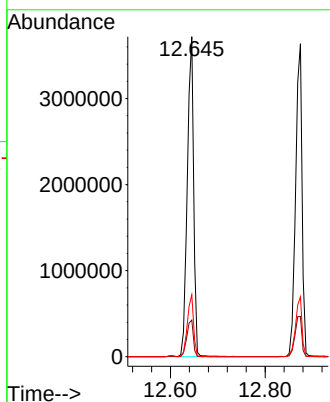
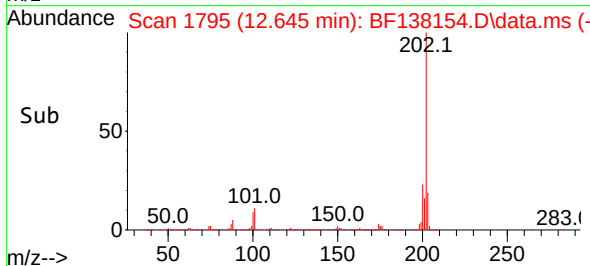
Instrument :
BNA_F
ClientSampleId :
PB161334BSD



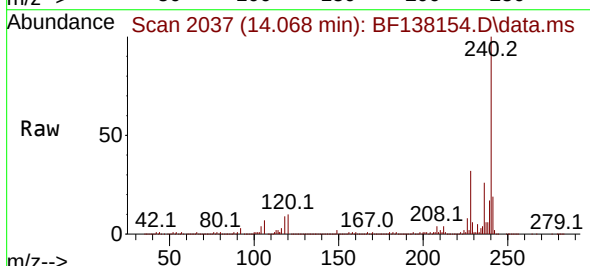
Tgt Ion:202 Resp: 3429249
Ion Ratio Lower Upper
202 100
101 11.4 0.0 32.2
203 19.4 0.0 39.5

Manual Integrations
APPROVED

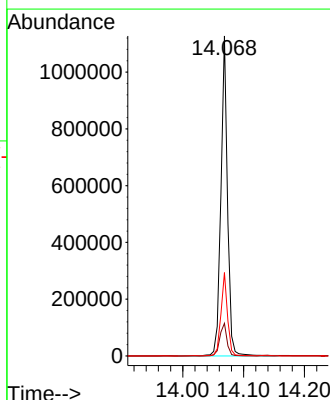
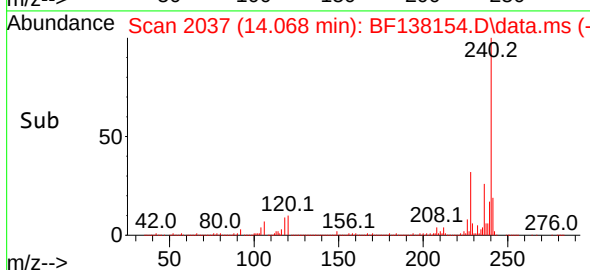
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

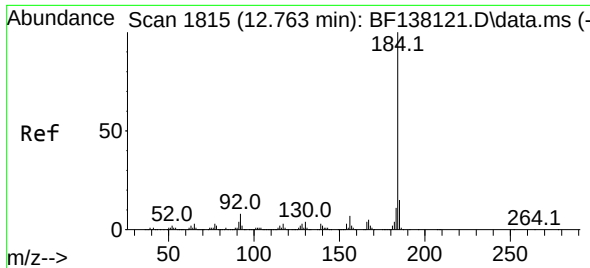


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03



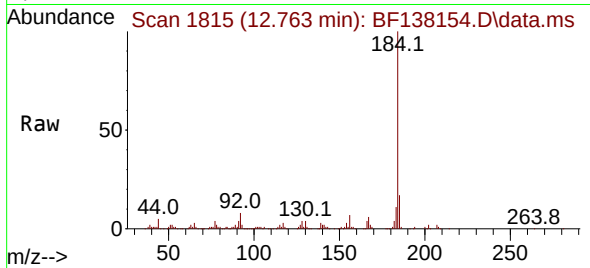
Tgt Ion:240 Resp: 852116
Ion Ratio Lower Upper
240 100
120 10.2 9.8 14.8
236 26.1 21.2 31.8





#77
Benzidine
Concen: 11.409 ng
RT: 12.763 min Scan# 1815
Delta R.T. 0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

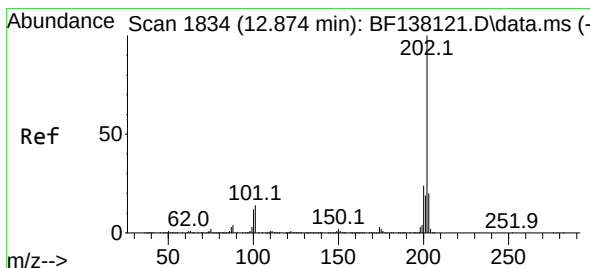
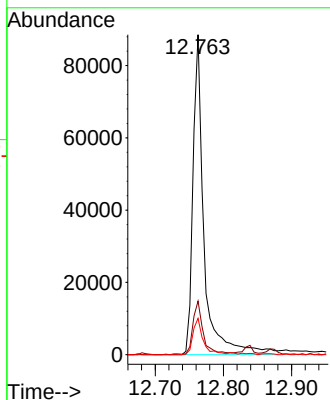
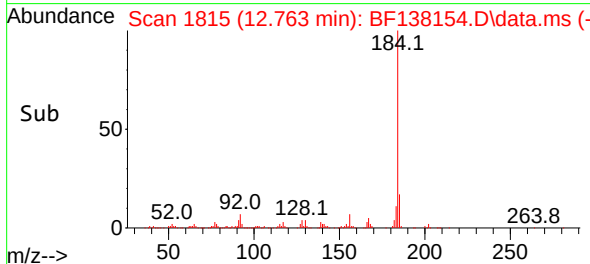
Instrument :
BNA_F
ClientSampleId :
PB161334BSD



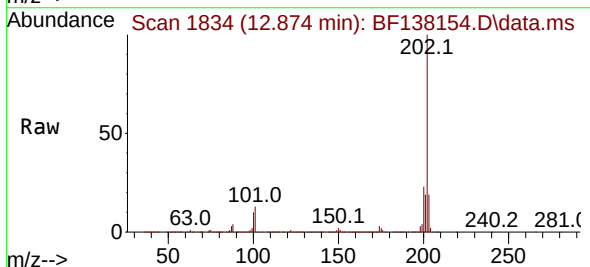
Tgt Ion:184 Resp: 10004
Ion Ratio Lower Upper
184 100
185 16.7 12.2 18.2
183 11.3 9.0 13.4

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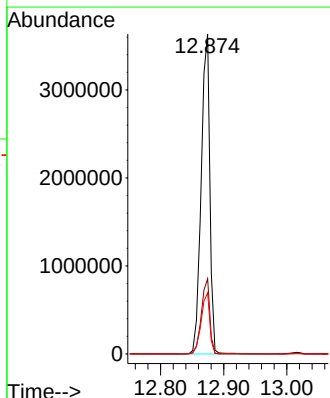
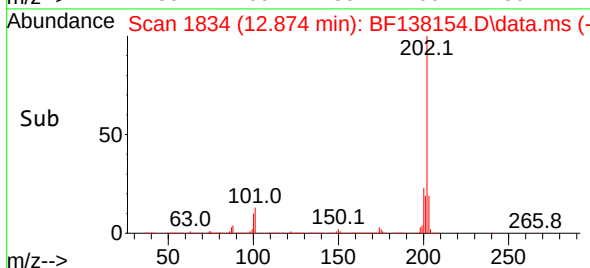
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

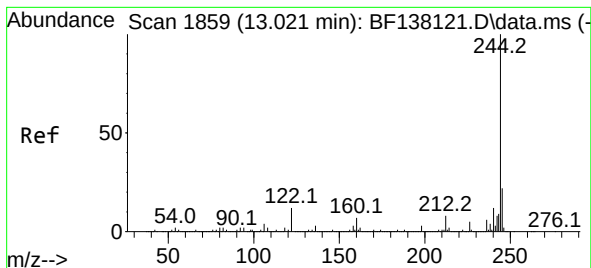


#78
Pyrene
Concen: 44.756 ng
RT: 12.874 min Scan# 1834
Delta R.T. 0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03



Tgt Ion:202 Resp: 3449028
Ion Ratio Lower Upper
202 100
200 23.5 19.1 28.7
203 19.1 15.6 23.4





#79

Terphenyl-d14

Concen: 83.890 ng

RT: 13.016 min Scan# 1859

Delta R.T. -0.006 min

Lab File: BF138154.D

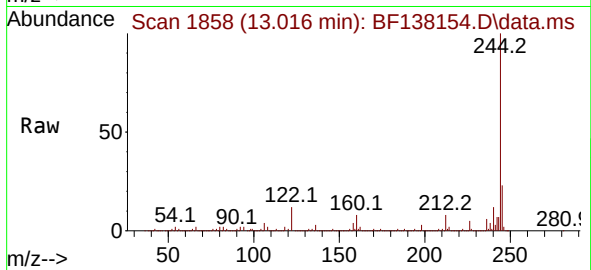
Acq: 07 Jun 2024 12:03

Instrument :

BNA_F

ClientSampleId :

PB161334BSD



Tgt Ion:244 Resp: 4779169

Ion Ratio Lower Upper

244 100

212 7.7 6.4 9.6

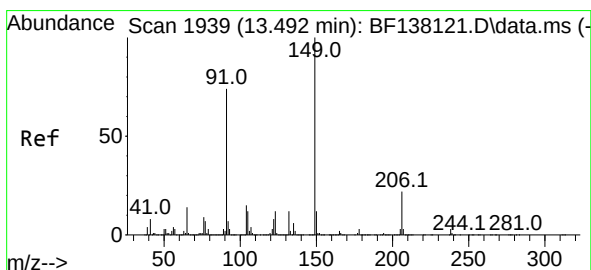
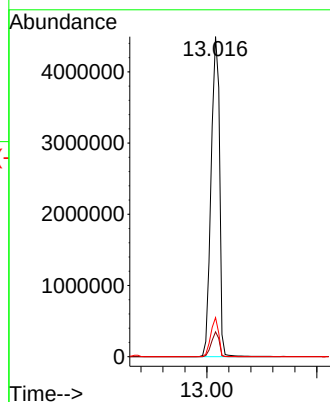
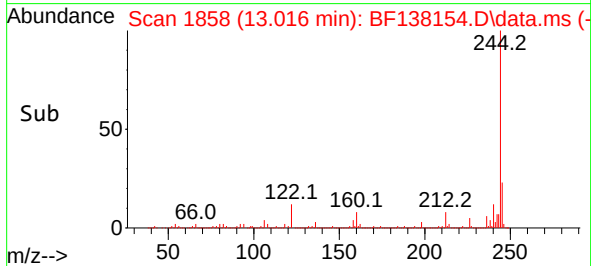
122 12.2 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/10/2024



#80

Butylbenzylphthalate

Concen: 48.145 ng

RT: 13.492 min Scan# 1939

Delta R.T. 0.000 min

Lab File: BF138154.D

Acq: 07 Jun 2024 12:03

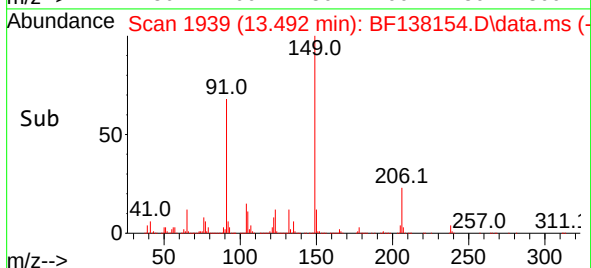
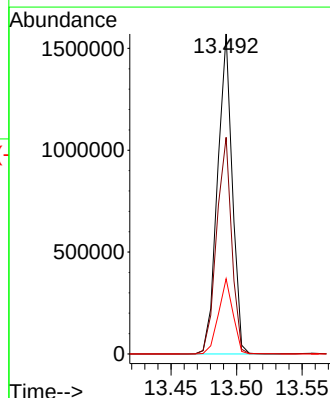
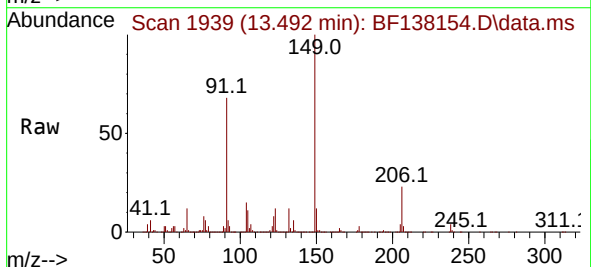
Tgt Ion:149 Resp: 1225163

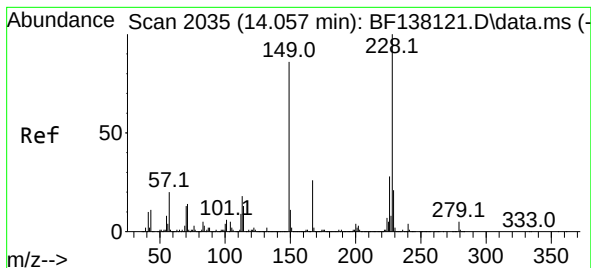
Ion Ratio Lower Upper

149 100

91 67.7 59.6 89.4

206 23.5 17.8 26.6





#81

Benzo(a)anthracene

Concen: 45.343 ng

RT: 14.057 min Scan# 2035

Delta R.T. 0.000 min

Lab File: BF138154.D

Acq: 07 Jun 2024 12:03

Instrument :

BNA_F

ClientSampleId :

PB161334BSD

Tgt Ion:228 Resp: 2437650

Ion Ratio Lower Upper

228 100

226 28.5 22.7 34.1

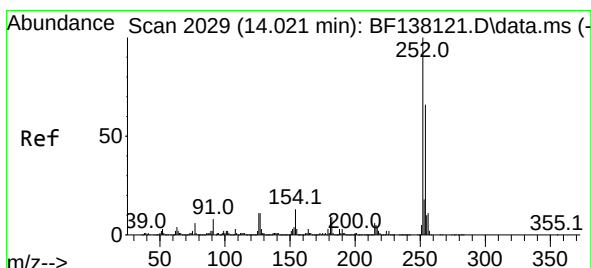
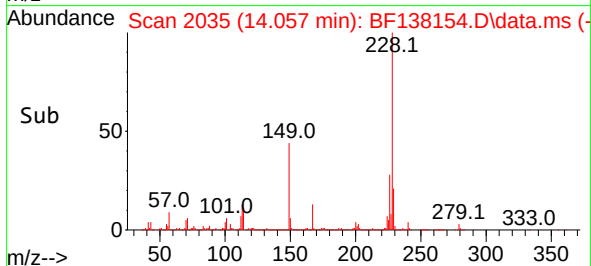
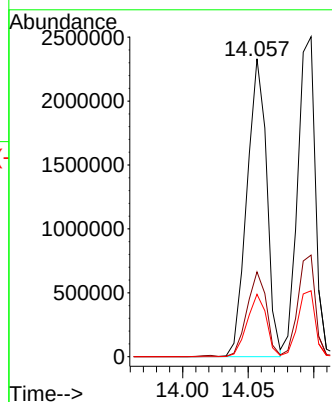
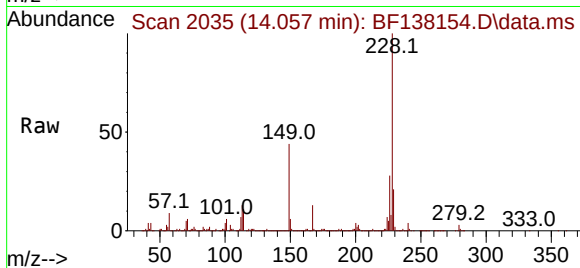
229 21.0 16.7 25.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/10/2024



#82

3,3'-Dichlorobenzidine

Concen: 38.224 ng

RT: 14.021 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF138154.D

Acq: 07 Jun 2024 12:03

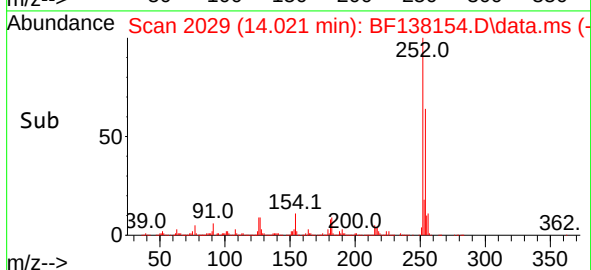
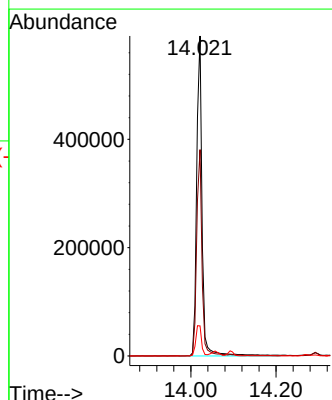
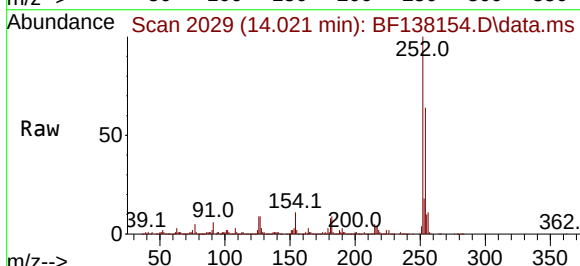
Tgt Ion:252 Resp: 520850

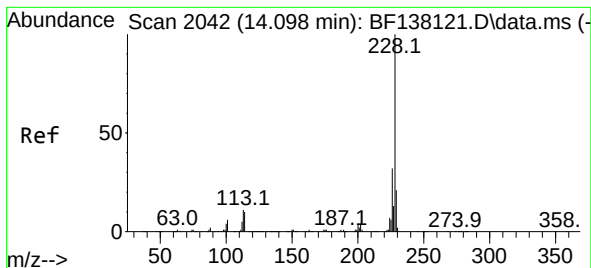
Ion Ratio Lower Upper

252 100

254 64.5 52.9 79.3

126 9.4 8.8 13.2





#83

Chrysene

Concen: 46.253 ng

RT: 14.098 min Scan# 2042

Delta R.T. -0.000 min

Lab File: BF138154.D

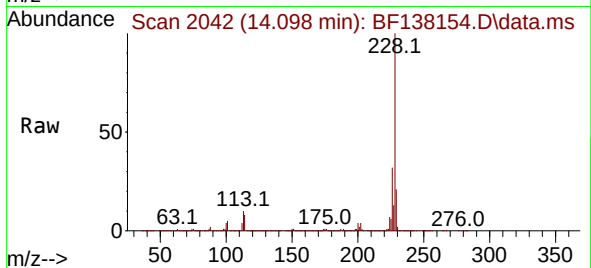
Acq: 07 Jun 2024 12:03

Instrument :

BNA_F

ClientSampleId :

PB161334BSD



Tgt Ion:228 Resp: 2386430

Ion Ratio Lower Upper

228 100

226 31.7 25.6 38.4

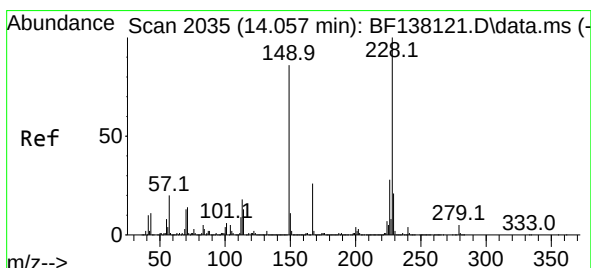
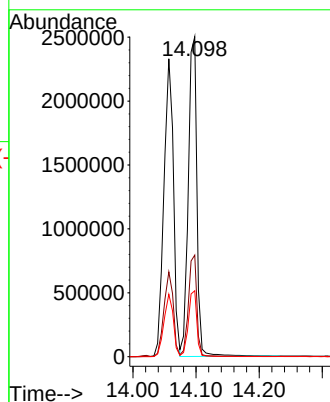
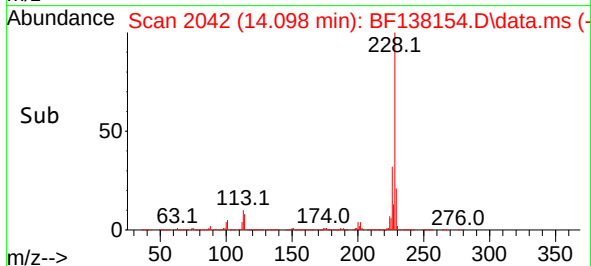
229 20.6 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/10/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.031 ng

RT: 14.051 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BF138154.D

Acq: 07 Jun 2024 12:03

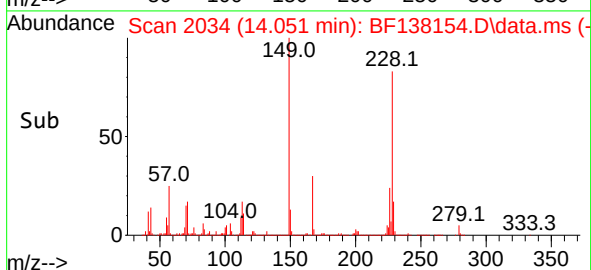
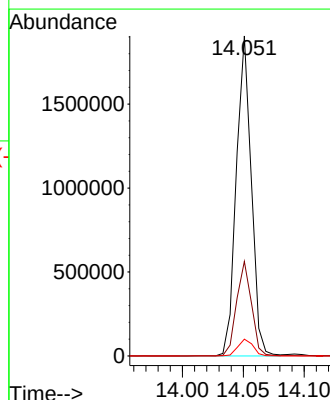
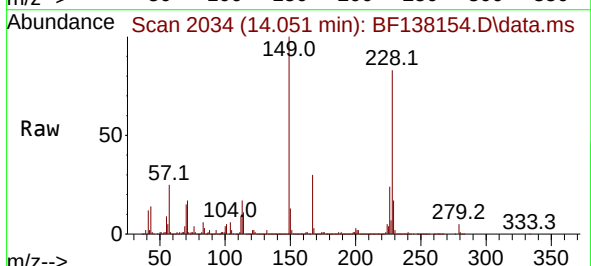
Tgt Ion:149 Resp: 1632438

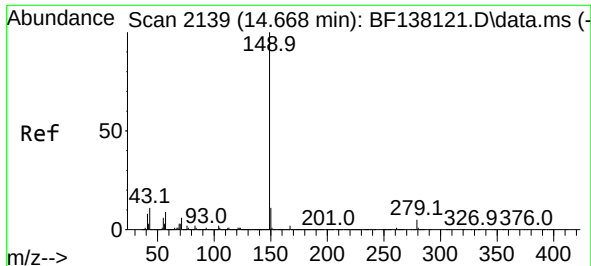
Ion Ratio Lower Upper

149 100

167 29.6 24.2 36.2

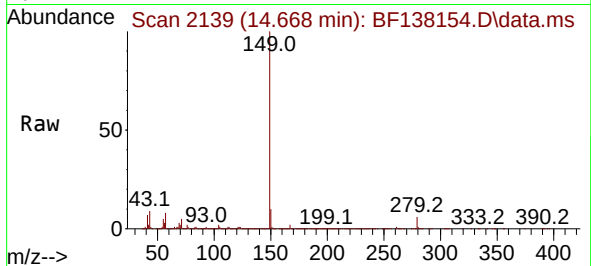
279 5.3 4.6 6.8





#85
Di-n-octyl phthalate
Concen: 47.474 ng
RT: 14.668 min Scan# 2139
Delta R.T. 0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

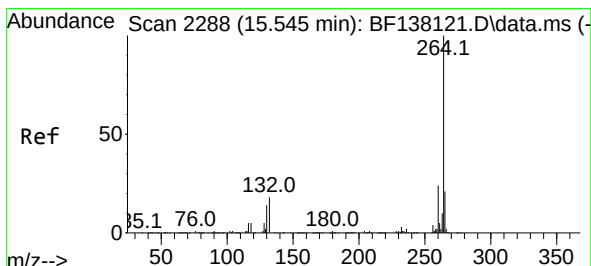
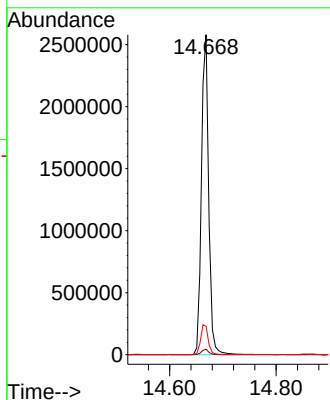
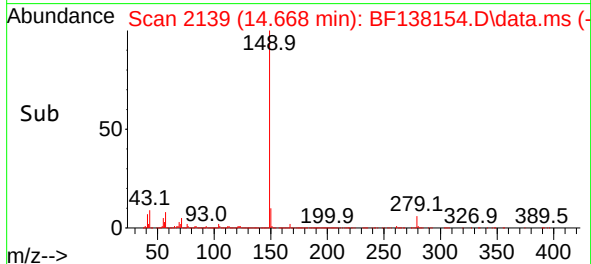
Instrument :
BNA_F
ClientSampleId :
PB161334BSD



Tgt Ion:149 Resp: 2422720
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 9.8 8.4 12.6

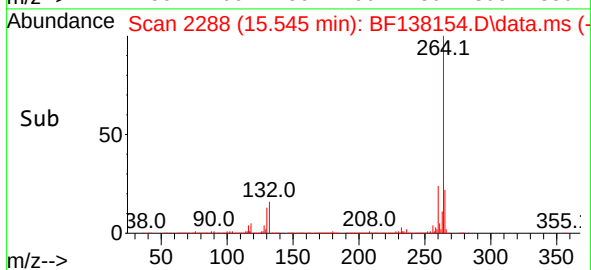
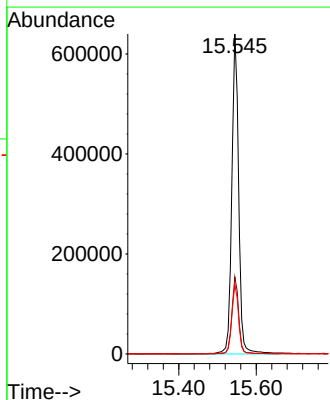
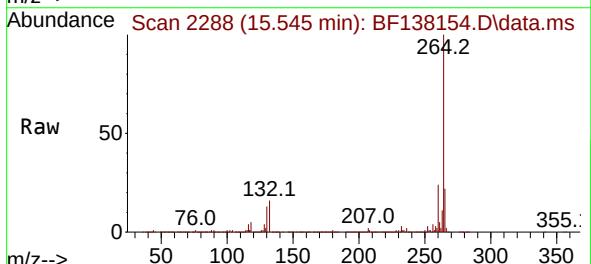
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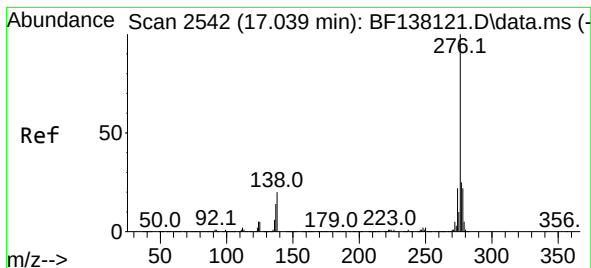
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2288
Delta R.T. 0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

Tgt Ion:264 Resp: 787446
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 21.6 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.121 ng

RT: 17.045 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138154.D

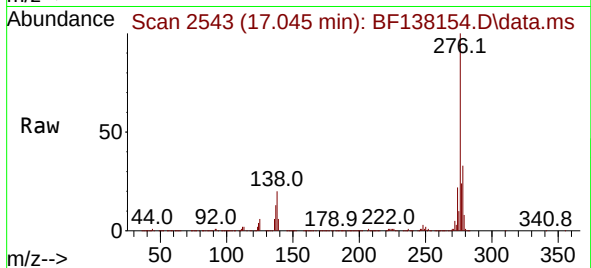
Acq: 07 Jun 2024 12:03

Instrument :

BNA_F

ClientSampleId :

PB161334BSD



Tgt Ion:276 Resp: 2248370

Ion Ratio Lower Upper

276 100

138 22.3 18.9 28.3

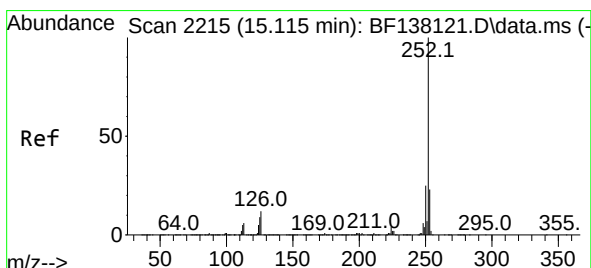
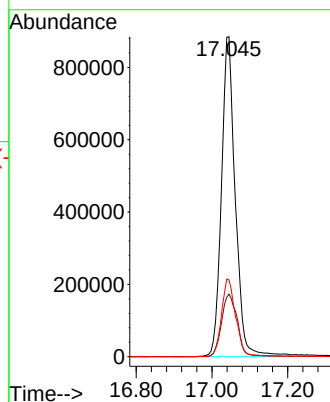
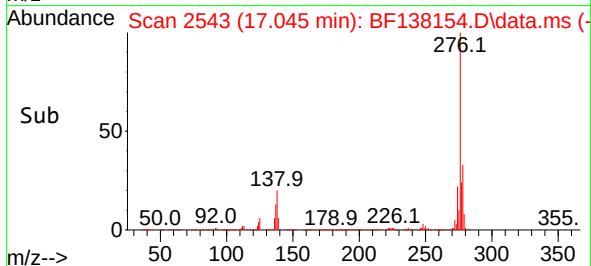
277 25.3 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/10/2024



#88

Benzo(b)fluoranthene

Concen: 45.644 ng

RT: 15.115 min Scan# 2215

Delta R.T. 0.000 min

Lab File: BF138154.D

Acq: 07 Jun 2024 12:03

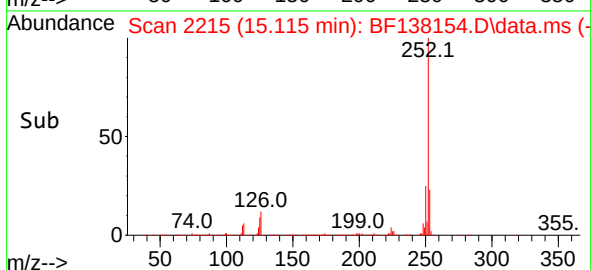
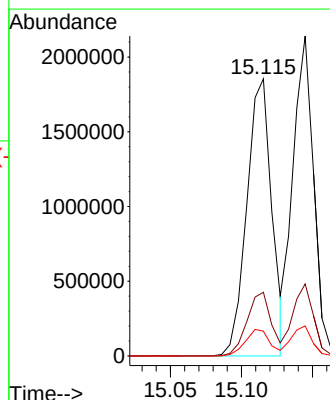
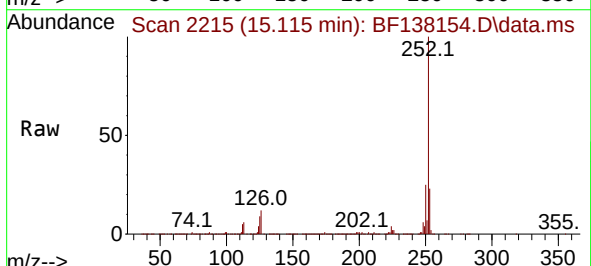
Tgt Ion:252 Resp: 2259528

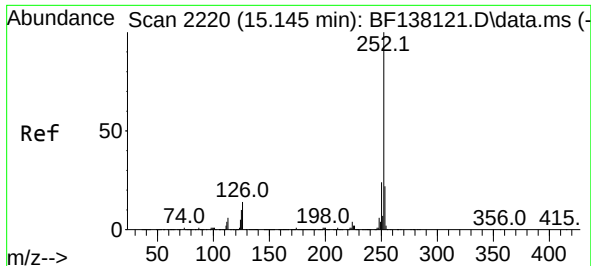
Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.2

125 9.0 7.4 11.2





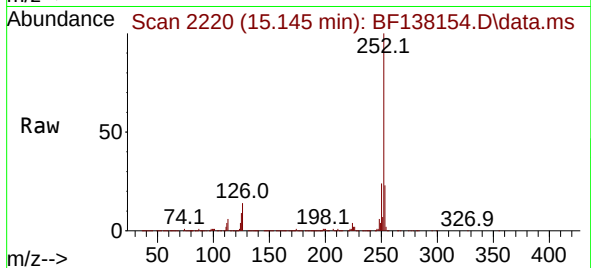
#89
Benzo(k)fluoranthene
Concen: 47.302 ng
RT: 15.145 min Scan# 211
Delta R.T. -0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

Instrument :

BNA_F

ClientSampleId :

PB161334BSD



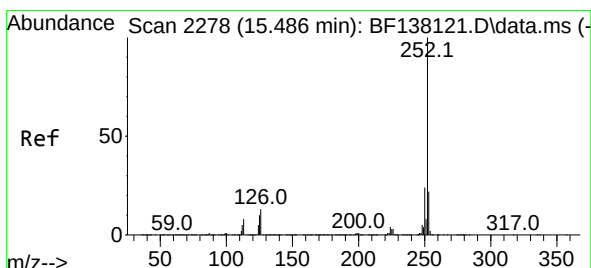
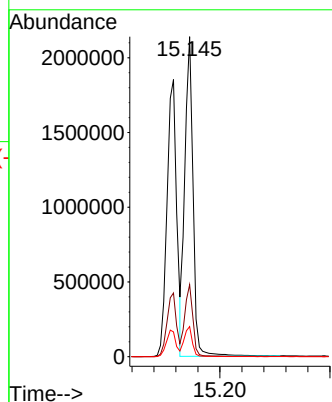
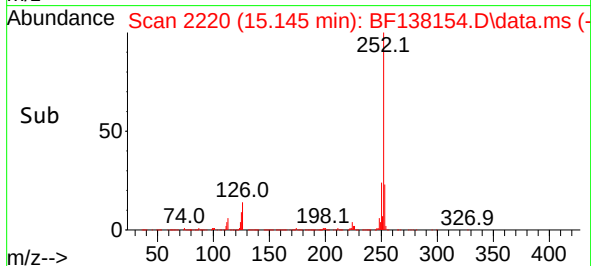
Tgt Ion:252 Resp: 2232985
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 9.4 7.8 11.6

Manual Integrations

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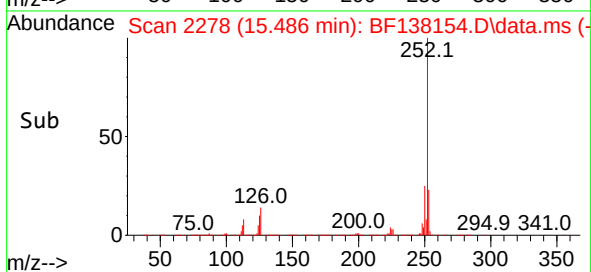
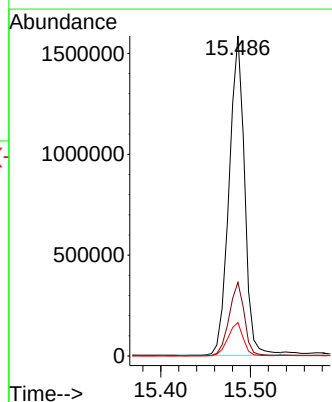
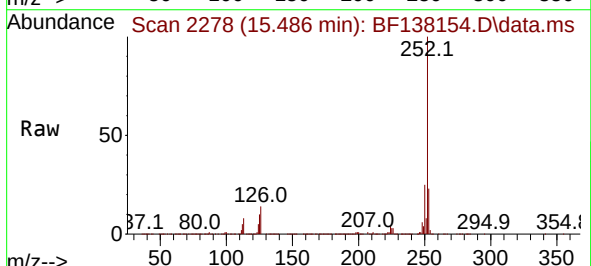
Reviewed By :Yogesh Patel 06/08/2024

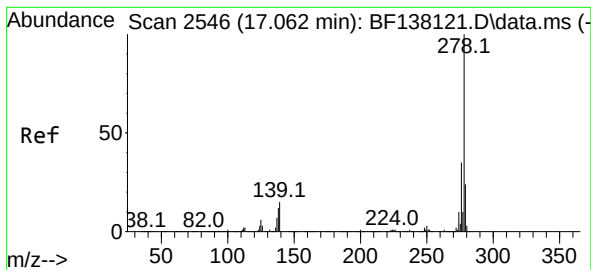
Supervised By :mohammad ahmed 06/10/2024



#90
Benzo(a)pyrene
Concen: 50.625 ng
RT: 15.486 min Scan# 2278
Delta R.T. 0.000 min
Lab File: BF138154.D
Acq: 07 Jun 2024 12:03

Tgt Ion:252 Resp: 1897965
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.6
125 10.5 8.0 12.0





#91

Dibenzo(a,h)anthracene

Concen: 52.470 ng

RT: 17.062 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138154.D

Acq: 07 Jun 2024 12:03

Instrument :

BNA_F

ClientSampleId :

PB161334BSD

Tgt Ion:278 Resp: 181196

Ion Ratio Lower Upper

278 100

139 14.7 11.7 17.5

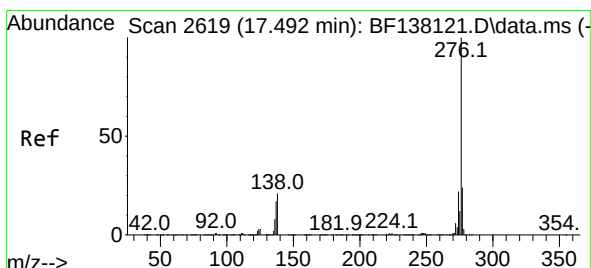
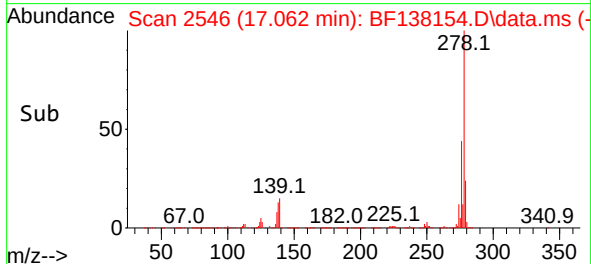
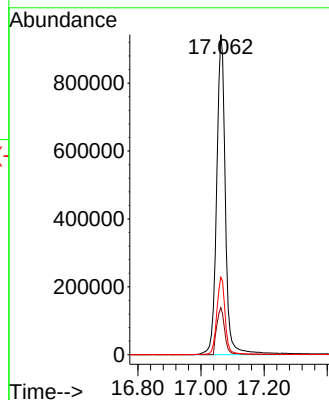
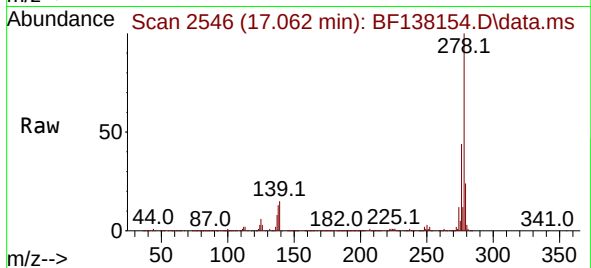
279 24.1 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/10/2024



#92

Benzo(g,h,i)perylene

Concen: 51.539 ng

RT: 17.498 min Scan# 2620

Delta R.T. 0.006 min

Lab File: BF138154.D

Acq: 07 Jun 2024 12:03

Tgt Ion:276 Resp: 1843514

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 19.6 16.5 24.7

