

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062424\
 Data File : BF138304.D
 Acq On : 24 Jun 2024 12:08
 Operator : CG\JU
 Sample : PB161624BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161624BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/25/2024
 Supervised By :mohammad ahmed 06/26/2024

Quant Time: Jun 24 12:41:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	291759	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1164919	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	647653	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1112423	20.000	ng	0.00
76) Chrysene-d12	14.045	240	540785	20.000	ng	0.00
86) Perylene-d12	15.515	264	592666	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2161235	123.916	ng	0.01
7) Phenol-d6	6.522	99	2727764	123.339	ng	0.00
23) Nitrobenzene-d5	7.451	82	1722458	86.079	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	888811	137.853	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	3206369	78.724	ng	0.00
79) Terphenyl-d14	12.998	244	3289099	96.330	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.757	88	288538	36.150	ng	97
3) Pyridine	3.504	79	696979	36.742	ng	95
4) n-Nitrosodimethylamine	3.469	42	373586	42.553	ng	91
6) Aniline	6.551	93	685872	31.695	ng	96
8) 2-Chlorophenol	6.669	128	925788	49.098	ng	98
10) Phenol	6.534	94	1047545m	46.674	ng	
11) bis(2-Chloroethyl)ether	6.622	93	840901	46.813	ng	99
12) 1,3-Dichlorobenzene	6.828	146	930611	43.427	ng	98
13) 1,4-Dichlorobenzene	6.904	146	943417	43.747	ng	99
14) 1,2-Dichlorobenzene	7.057	146	916514	45.272	ng	98
15) Benzyl Alcohol	7.028	79	724078	48.557	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1100732	43.419	ng	96
17) 2-Methylphenol	7.140	107	708446	47.620	ng	99
18) Hexachloroethane	7.398	117	338913	46.388	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	586315	44.725	ng	97
20) 3+4-Methylphenols	7.292	107	825290	44.074	ng	97
22) Acetophenone	7.298	105	1135772	42.680	ng	96
24) Nitrobenzene	7.469	77	893813	43.218	ng	96
25) Isophorone	7.710	82	1655360	45.735	ng	99
26) 2-Nitrophenol	7.787	139	494730	59.490	ng	98
27) 2,4-Dimethylphenol	7.822	122	629295	49.738	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	1049088	46.303	ng	99
29) 2,4-Dichlorophenol	8.028	162	764555	46.937	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	845502	44.013	ng	97
31) Naphthalene	8.192	128	2499345	43.390	ng	100
32) Benzoic acid	7.957	122	581314	52.131	ng	99
33) 4-Chloroaniline	8.234	127	412141	19.143	ng	99
34) Hexachlorobutadiene	8.304	225	492276	43.816	ng	99
35) Caprolactam	8.616	113	247775m	50.385	ng	
36) 4-Chloro-3-methylphenol	8.722	107	779394	48.056	ng	98
37) 2-Methylnaphthalene	8.881	142	1680546	44.454	ng	100
38) 1-Methylnaphthalene	8.981	142	1561939	42.162	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	844849	44.641	ng	99
41) Hexachlorocyclopentadiene	9.034	237	857638	138.977	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	573518	48.397	ng	99
44) 2,4,5-Trichlorophenol	9.204	196	613851	47.170	ng	98

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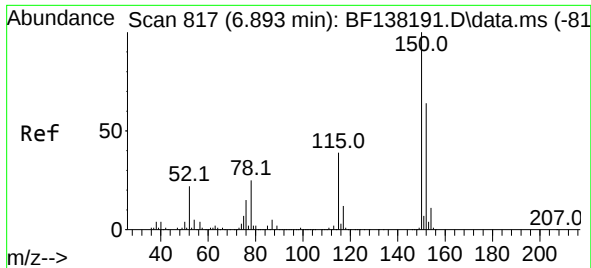
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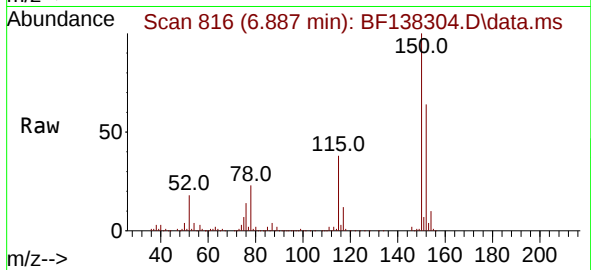
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.345	154	2064229	43.436	ng	98
47) 2-Chloronaphthalene	9.375	162	1631034	43.426	ng	97
48) 2-Nitroaniline	9.469	65	456929	50.517	ng	92
49) Acenaphthylene	9.786	152	2479257	47.075	ng	99
50) Dimethylphthalate	9.651	163	1897468	47.817	ng	100
51) 2,6-Dinitrotoluene	9.710	165	443131	51.475	ng	92
52) Acenaphthene	9.963	154	1720224m	47.900	ng	
53) 3-Nitroaniline	9.881	138	286206	31.121	ng	88
54) 2,4-Dinitrophenol	9.986	184	461295	97.367	ng	94
55) Dibenzofuran	10.133	168	2225045	44.320	ng	99
56) 4-Nitrophenol	10.045	139	688970	94.800	ng	92
57) 2,4-Dinitrotoluene	10.116	165	580466	54.668	ng	96
58) Fluorene	10.475	166	1692016	42.865	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	511621	50.304	ng	99
60) Diethylphthalate	10.351	149	1824633	48.448	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	877017	44.612	ng	99
62) 4-Nitroaniline	10.498	138	421934	45.919	ng	96
63) Azobenzene	10.628	77	1694345	44.905	ng	94
65) 4,6-Dinitro-2-methylph...	10.522	198	320760	55.346	ng	86
66) n-Nitrosodiphenylamine	10.586	169	1581013	46.422	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	592623	47.277	ng	96
68) Hexachlorobenzene	11.022	284	668240	45.681	ng	# 93
69) Atrazine	11.116	200	498680	51.408	ng	98
70) Pentachlorophenol	11.216	266	755303	88.532	ng	98
71) Phenanthrene	11.439	178	2455889	44.642	ng	99
72) Anthracene	11.492	178	2517797	46.096	ng	100
73) Carbazole	11.645	167	2164190	43.200	ng	99
74) Di-n-butylphthalate	11.969	149	2542372	49.021	ng	99
75) Fluoranthene	12.622	202	2365110	42.160	ng	98
77) Benzidine	12.739	184	266269	42.568	ng	99
78) Pyrene	12.851	202	2343815	50.247	ng	100
80) Butylbenzylphthalate	13.469	149	794668	62.631	ng	99
81) Benzo(a)anthracene	14.039	228	1689888	48.708	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	382123	39.996	ng	99
83) Chrysene	14.074	228	1577110	47.691	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	957016	64.852	ng	99
85) Di-n-octyl phthalate	14.639	149	1581591	72.143	ng	98
87) Indeno(1,2,3-cd)pyrene	17.009	276	2178318	56.380	ng	99
88) Benzo(b)fluoranthene	15.086	252	1652616	47.285	ng	99
89) Benzo(k)fluoranthene	15.121	252	1575920	46.009	ng	100
90) Benzo(a)pyrene	15.457	252	1543841	51.417	ng	98
91) Dibenzo(a,h)anthracene	17.027	278	1769318	55.792	ng	98
92) Benzo(g,h,i)perylene	17.457	276	1697469	51.741	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

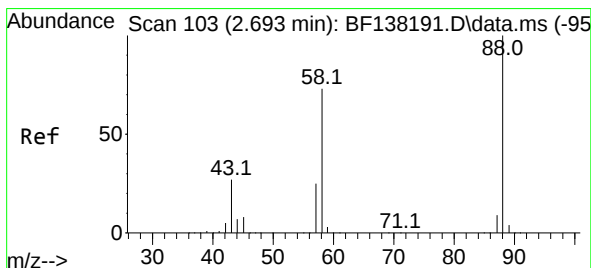
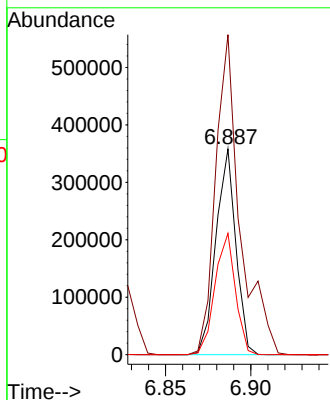
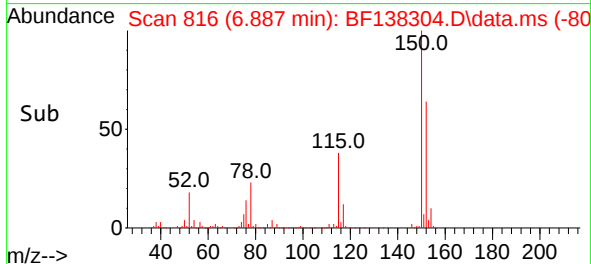
Instrument :
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ClientSampleId :
PB161624BS



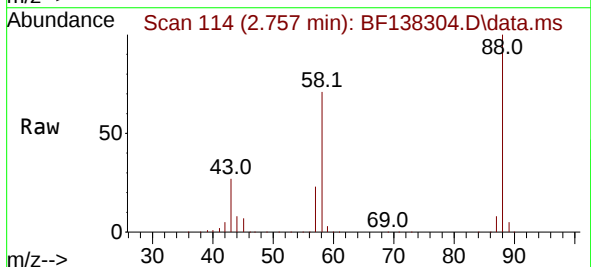
Tgt Ion:152 Resp: 291759
Ion Ratio Lower Upper
152 100
150 155.5 125.0 187.4
115 58.9 48.4 72.6

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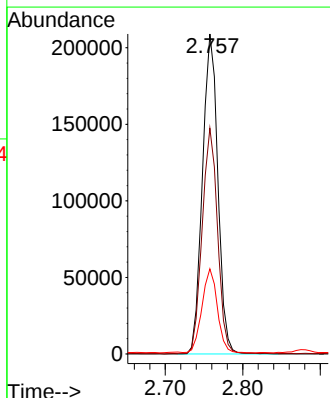
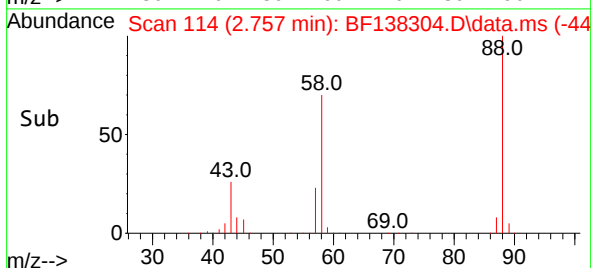
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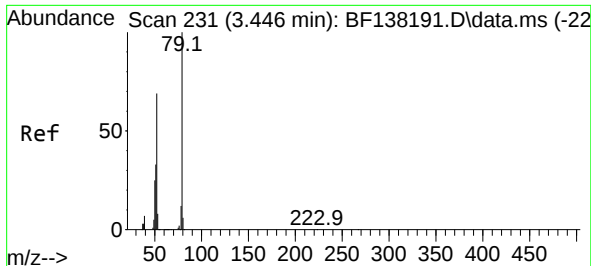


#2
1,4-Dioxane
Concen: 36.150 ng
RT: 2.757 min Scan# 114
Delta R.T. 0.065 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08



Tgt Ion: 88 Resp: 288538
Ion Ratio Lower Upper
88 100
58 70.3 58.6 87.8
43 26.4 22.4 33.6





#3

Pyridine

Concen: 36.742 ng

RT: 3.504 min Scan# 241

Delta R.T. 0.059 min

Lab File: BF138304.D

Acq: 24 Jun 2024 12:08

Instrument :

BNA_F

ClientSampleId :

PB161624BS

Tgt Ion: 79 Resp: 696979

Ion Ratio Lower Upper

79 100

52 63.7 55.0 82.4

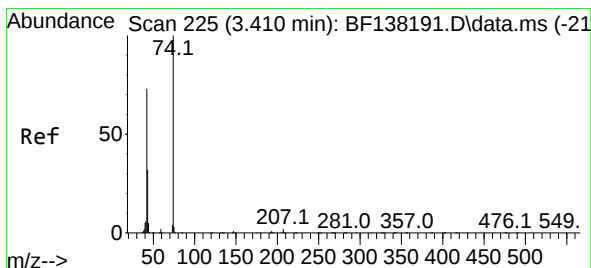
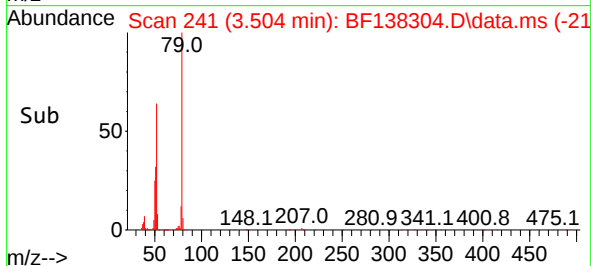
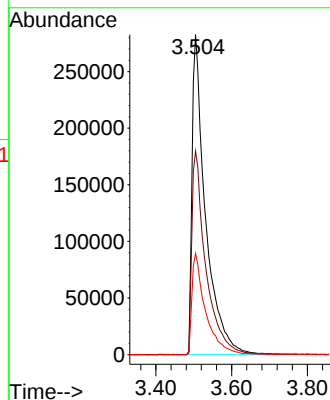
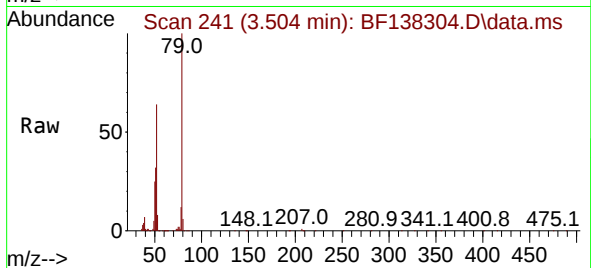
51 31.6 26.9 40.3

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 42.553 ng

RT: 3.469 min Scan# 235

Delta R.T. 0.059 min

Lab File: BF138304.D

Acq: 24 Jun 2024 12:08

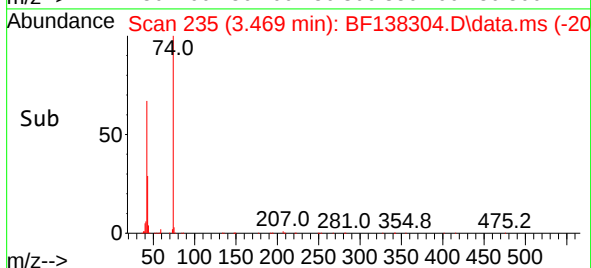
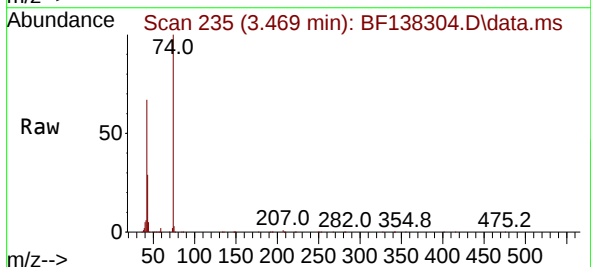
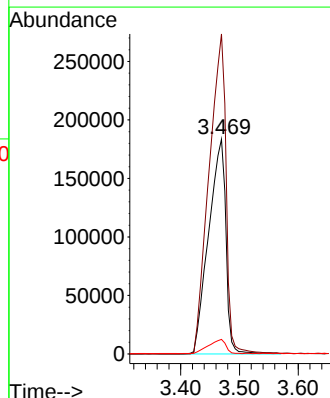
Tgt Ion: 42 Resp: 373586

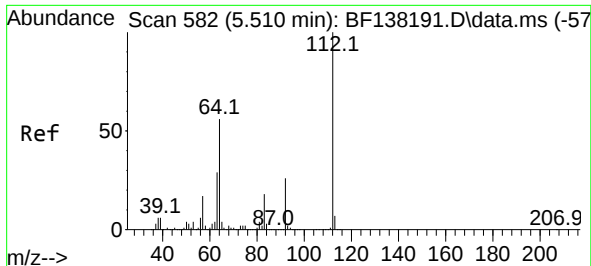
Ion Ratio Lower Upper

42 100

74 149.0 109.9 164.9

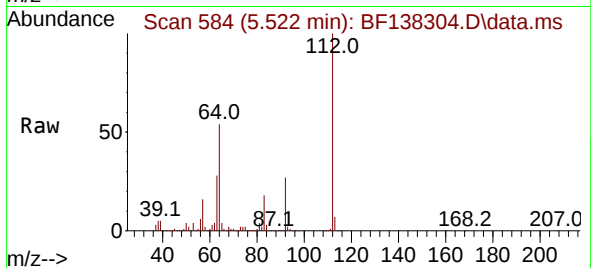
44 6.8 5.2 7.8





#5
2-Fluorophenol
Concen: 123.916 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

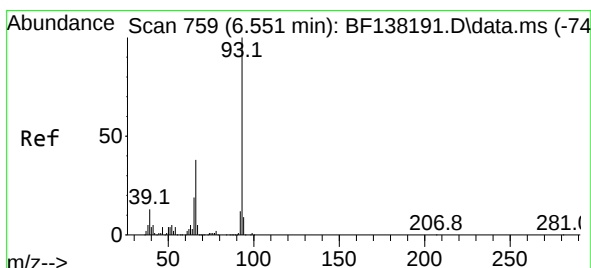
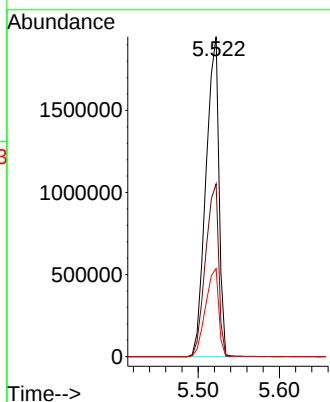
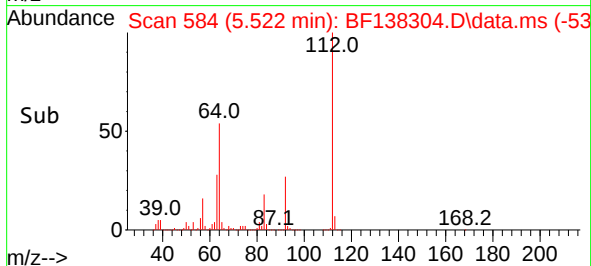
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Tgt Ion: 112 Resp: 2161235
Ion Ratio Lower Upper
112 100
64 54.0 45.2 67.8
63 27.5 22.9 34.3

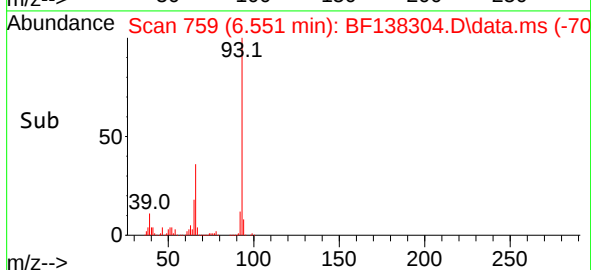
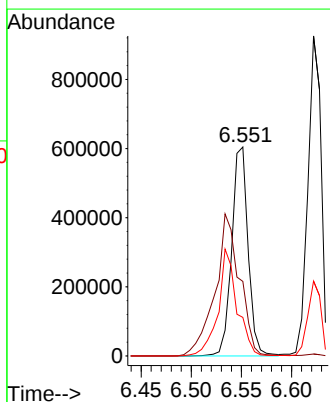
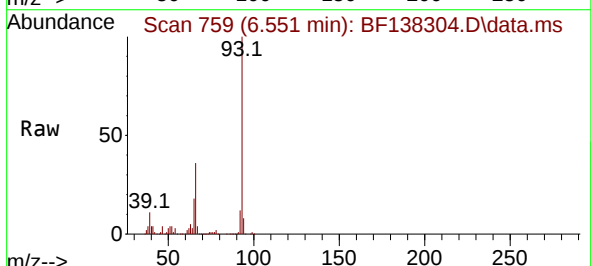
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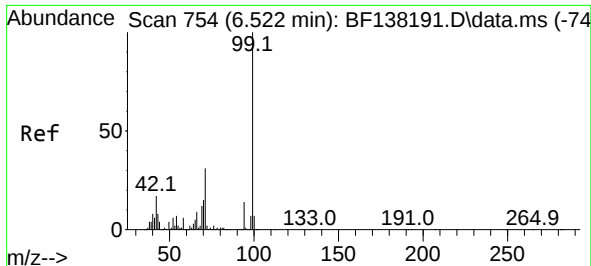
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#6
Aniline
Concen: 31.695 ng
RT: 6.551 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

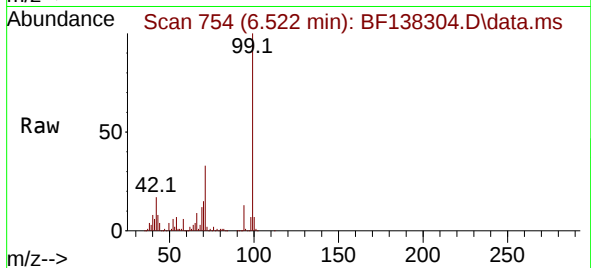
Tgt Ion: 93 Resp: 685872
Ion Ratio Lower Upper
93 100
66 35.7 30.8 46.2
65 18.5 15.5 23.3





#7
Phenol-d6
Concen: 123.339 ng
RT: 6.522 min Scan# 714
Delta R.T. -0.000 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

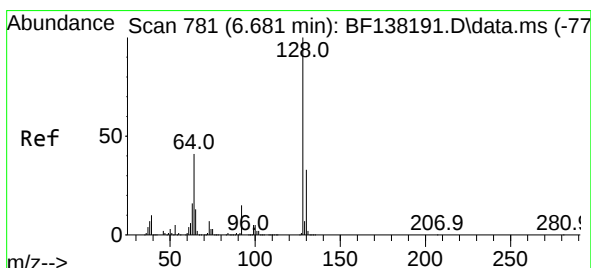
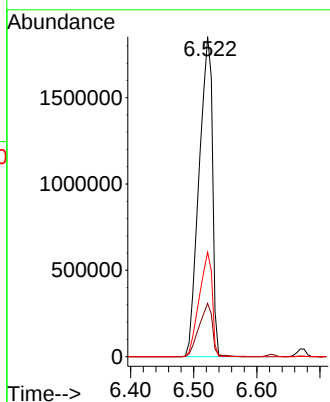
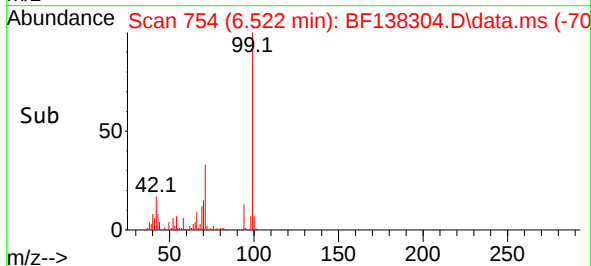
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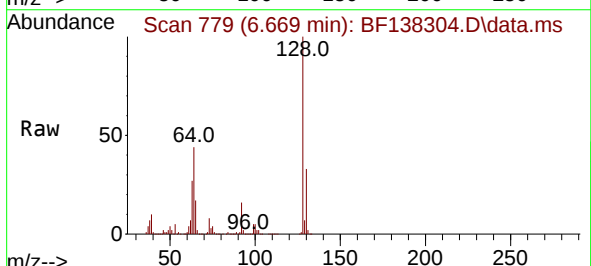
Tgt Ion: 99 Resp: 2727764
Ion Ratio Lower Upper
99 100
42 16.7 13.7 20.5
71 32.6 25.0 37.6

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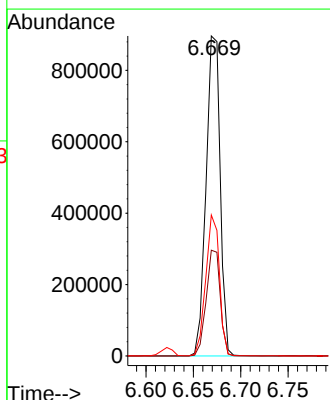
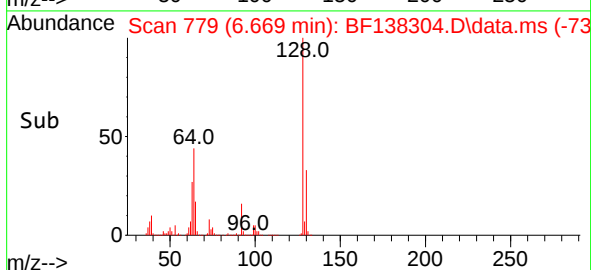
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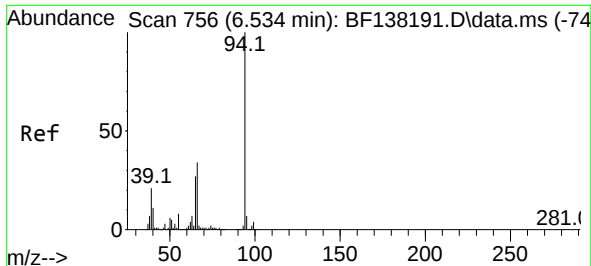


#8
2-Chlorophenol
Concen: 49.098 ng
RT: 6.669 min Scan# 779
Delta R.T. -0.012 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08



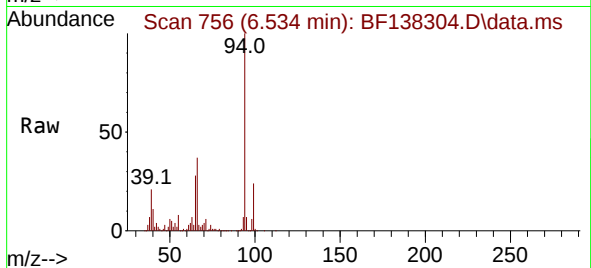
Tgt Ion:128 Resp: 925788
Ion Ratio Lower Upper
128 100
130 33.1 13.1 53.1
64 44.1 21.8 61.8





#10
Phenol
Concen: 46.674 ng m
RT: 6.534 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

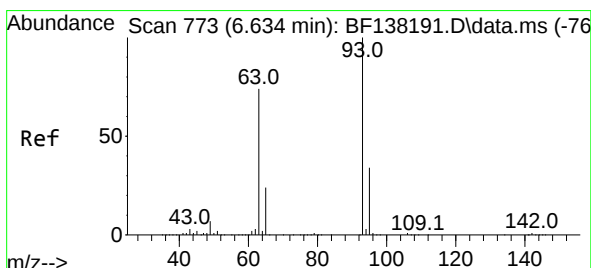
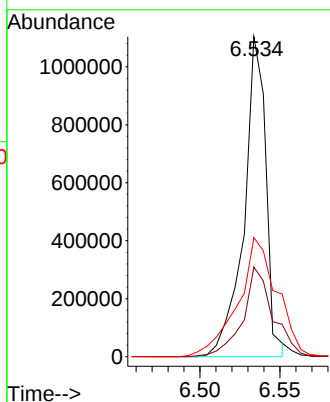
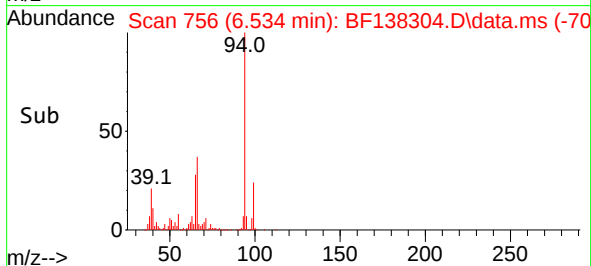
Instrument :
BNA_F
ClientSampleId :
PB161624BS



Tgt Ion: 94 Resp: 1047549
Ion Ratio Lower Upper
94 100
65 28.0 6.8 46.8
66 37.2 14.2 54.2

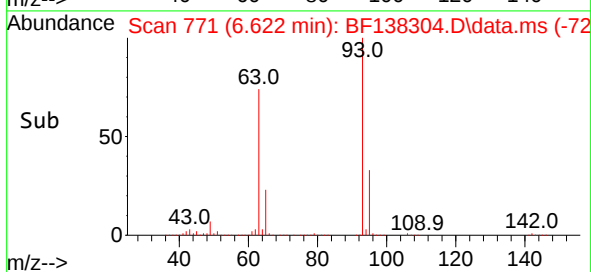
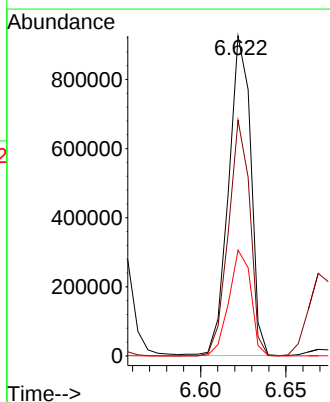
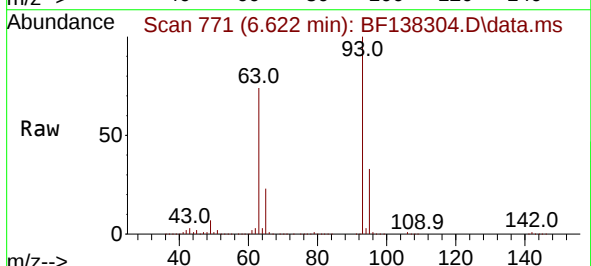
Manual Integrations
APPROVED

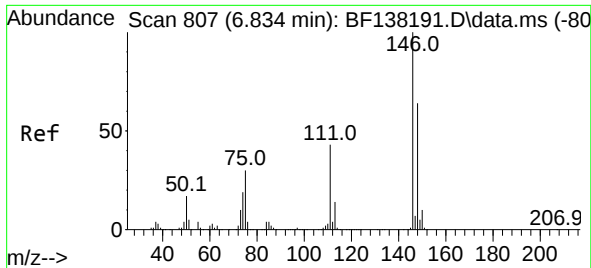
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#11
bis(2-Chloroethyl)ether
Concen: 46.813 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.012 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Tgt Ion: 93 Resp: 840901
Ion Ratio Lower Upper
93 100
63 73.7 52.5 92.5
95 33.1 13.2 53.2





#12

1,3-Dichlorobenzene

Concen: 43.427 ng

RT: 6.828 min Scan# 807

Delta R.T. -0.006 min

Lab File: BF138304.D

Acq: 24 Jun 2024 12:08

Instrument :

BNA_F

ClientSampleId :

PB161624BS

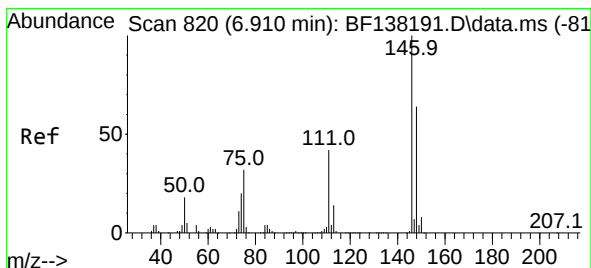
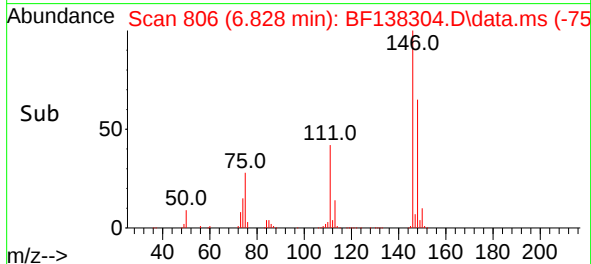
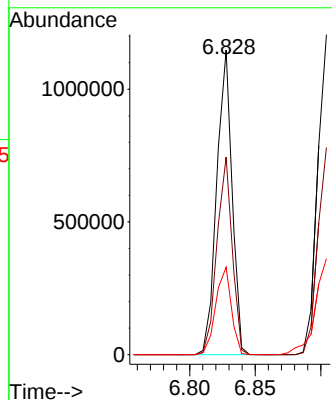
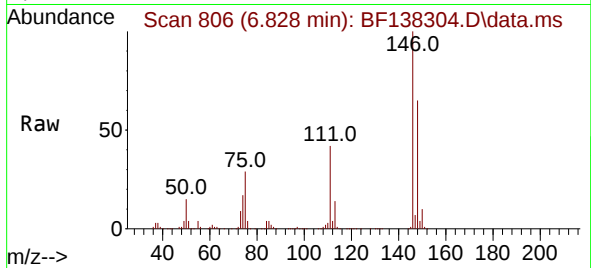
Tgt Ion:146	Resp: 93061
Ion Ratio	Lower Upper
146	100
148	64.9 51.0 76.6
75	28.7 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :mohammad ahmed 06/26/2024



#13

1,4-Dichlorobenzene

Concen: 43.747 ng

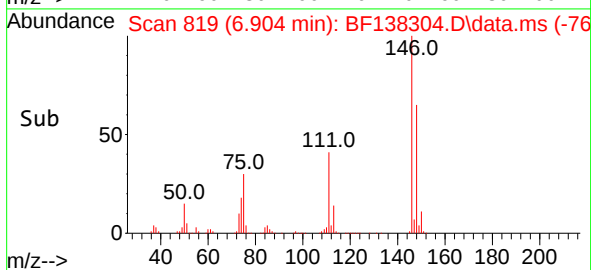
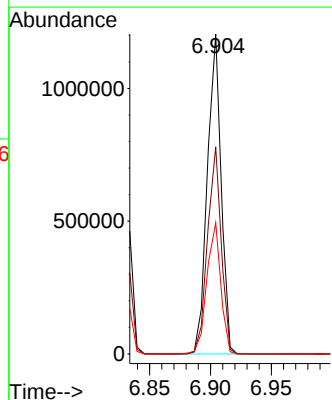
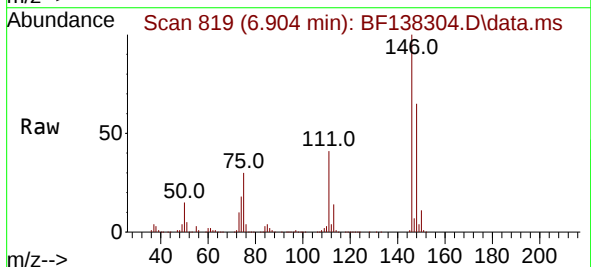
RT: 6.904 min Scan# 819

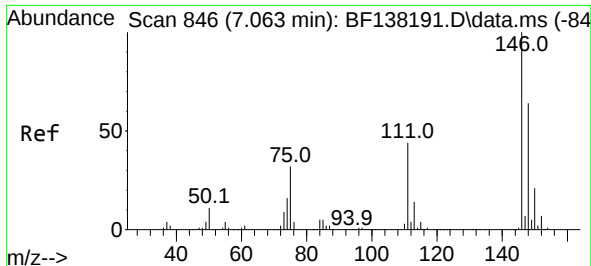
Delta R.T. -0.006 min

Lab File: BF138304.D

Acq: 24 Jun 2024 12:08

Tgt Ion:146	Resp: 943417
Ion Ratio	Lower Upper
146	100
148	64.7 51.1 76.7
111	41.0 33.7 50.5





#14
1,2-Dichlorobenzene
Concen: 45.272 ng
RT: 7.057 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Instrument :

BNA_F

ClientSampleId :

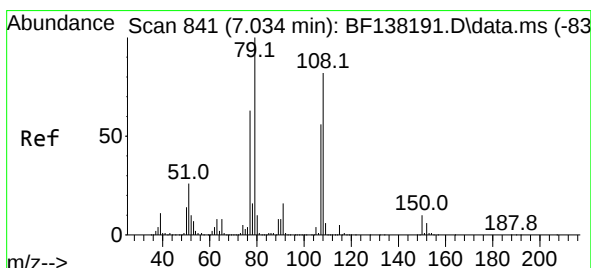
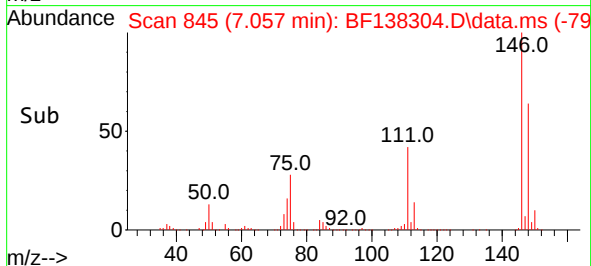
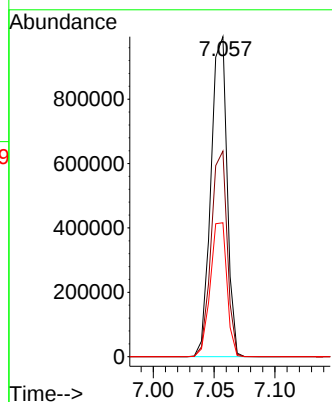
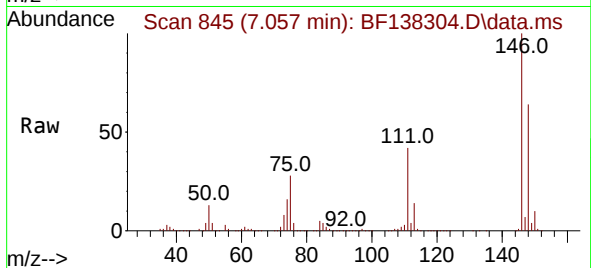
PB161624BS

Tgt Ion:146 Resp: 916514
Ion Ratio Lower Upper
146 100
148 64.3 51.2 76.8
111 41.8 35.4 53.2

Manual Integrations

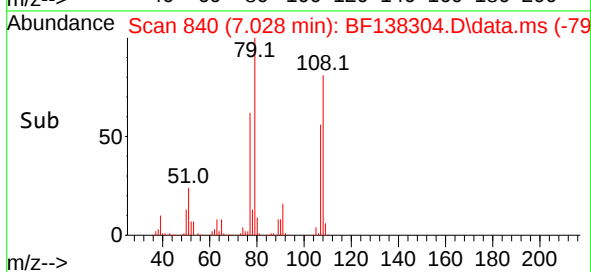
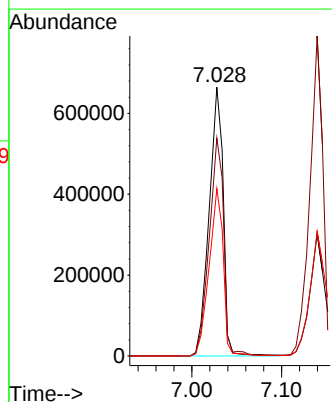
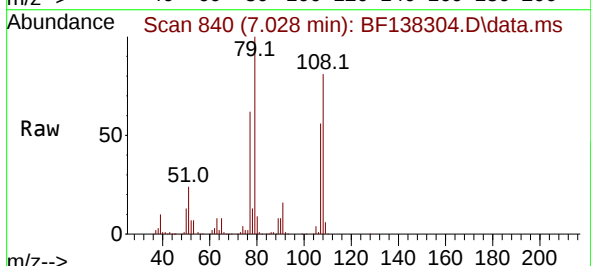
APPROVED

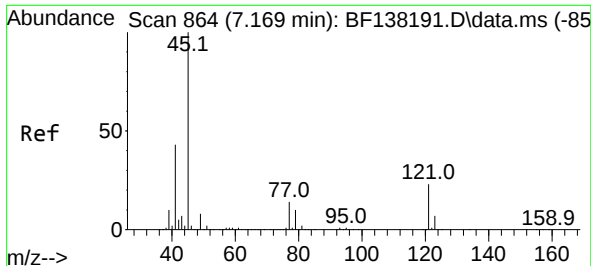
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#15
Benzyl Alcohol
Concen: 48.557 ng
RT: 7.028 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Tgt Ion: 79 Resp: 724078
Ion Ratio Lower Upper
79 100
108 81.0 65.9 98.9
77 62.2 50.3 75.5





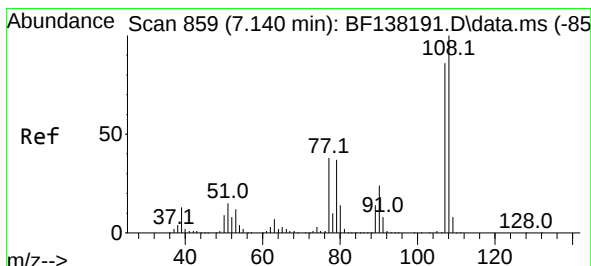
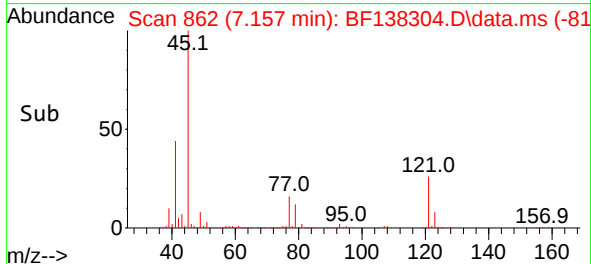
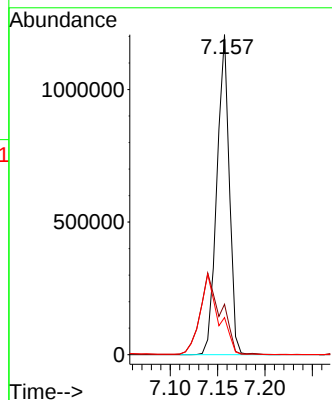
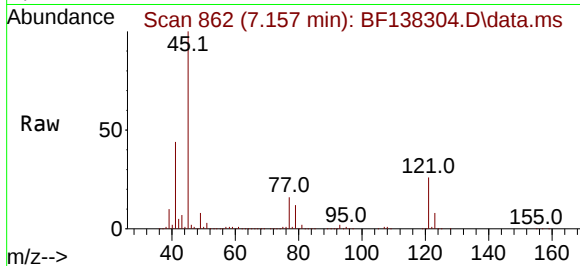
#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.419 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.012 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Instrument :
BNA_F
ClientSampleId :
PB161624BS

Tgt Ion: 45 Resp: 1100732
Ion Ratio Lower Upper
45 100
77 15.7 0.0 33.9
79 11.6 0.0 30.7

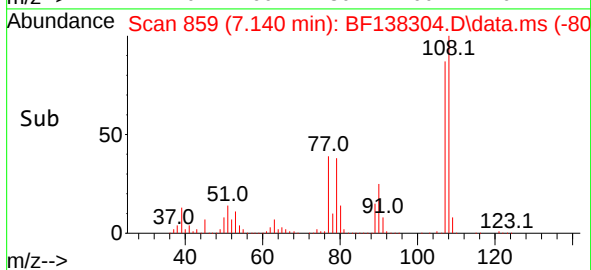
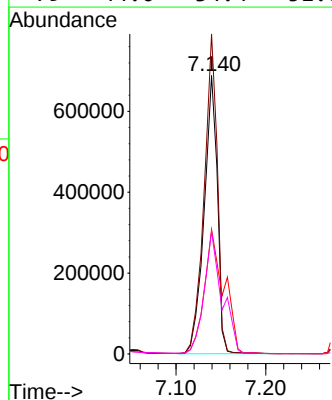
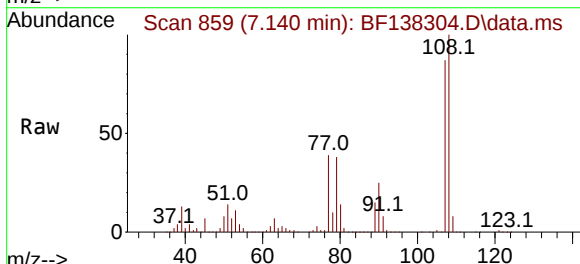
Manual Integrations
APPROVED

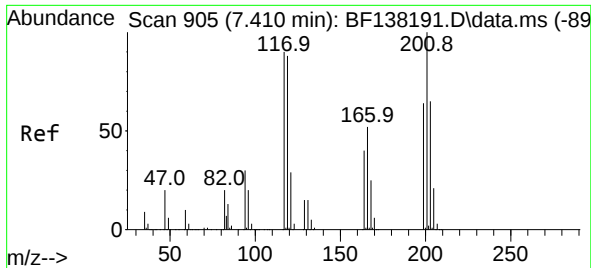
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#17
2-Methylphenol
Concen: 47.620 ng
RT: 7.140 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

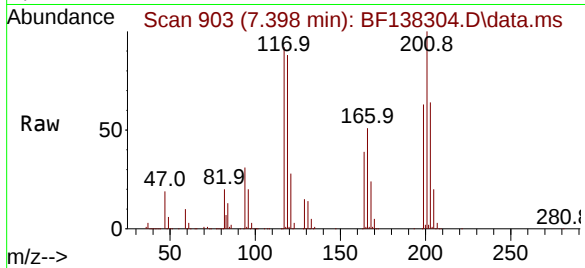
Tgt Ion:107 Resp: 708446
Ion Ratio Lower Upper
107 100
108 114.9 92.7 139.1
77 44.8 35.7 53.5
79 44.0 34.4 51.6





#18
Hexachloroethane
Concen: 46.388 ng
RT: 7.398 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

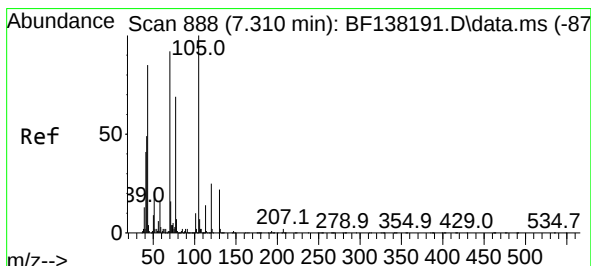
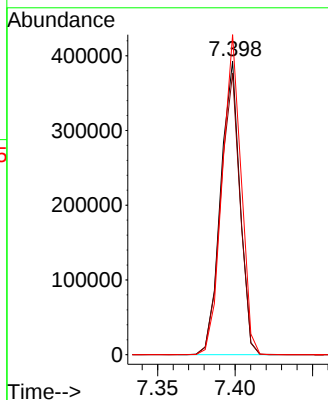
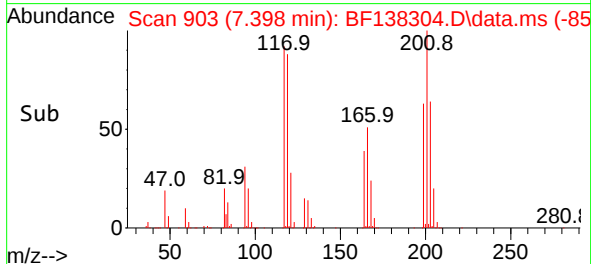
Instrument :
BNA_F
ClientSampleId :
PB161624BS



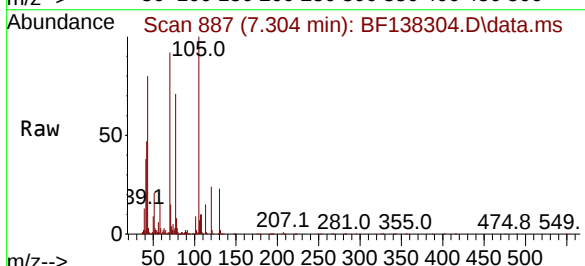
Tgt Ion:117 Resp: 338911
Ion Ratio Lower Upper
117 100
119 95.9 78.4 117.6
201 109.0 89.0 133.6

Manual Integrations
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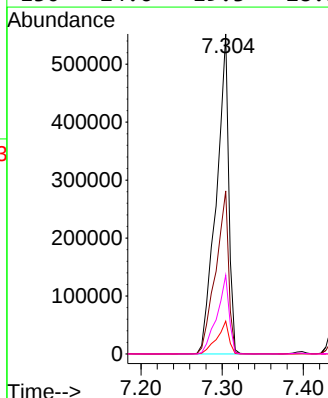
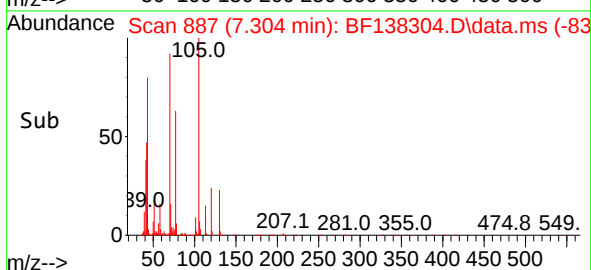
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024

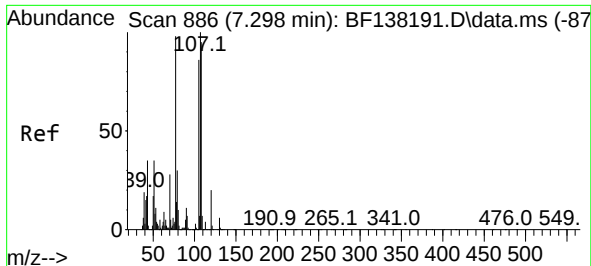


#19
n-Nitroso-di-n-propylamine
Concen: 44.725 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08



Tgt Ion: 70 Resp: 586315
Ion Ratio Lower Upper
70 100
42 51.0 42.8 64.2
101 10.3 8.4 12.6
130 24.6 19.3 28.9





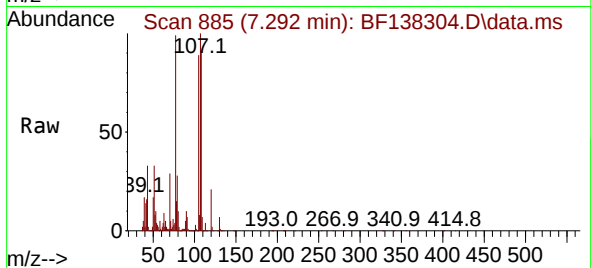
#20
3+4-Methylphenols
Concen: 44.074 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Instrument :

BNA_F

ClientSampleId :

PB161624BS

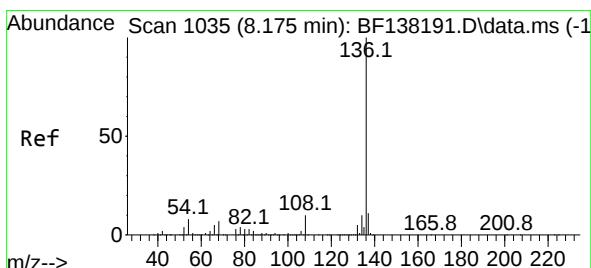
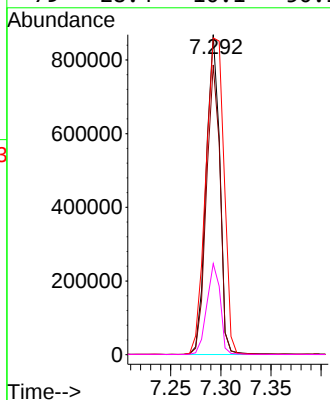
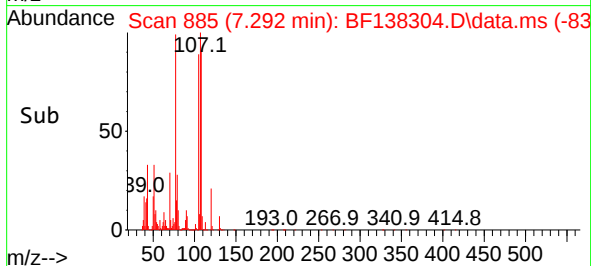


Tgt Ion:107 Resp: 825290
Ion Ratio Lower Upper
107 100
108 90.5 74.9 114.9
77 99.0 78.2 118.2
79 28.4 10.1 50.1

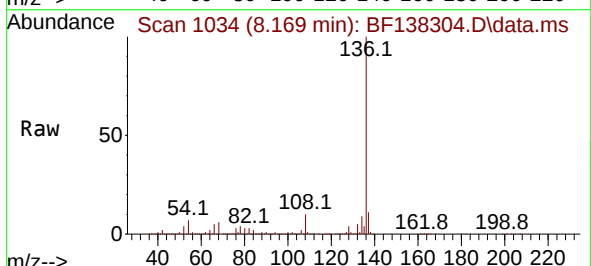
Manual Integrations

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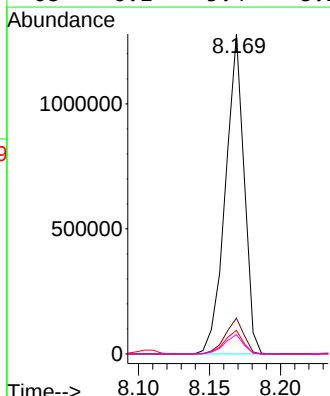
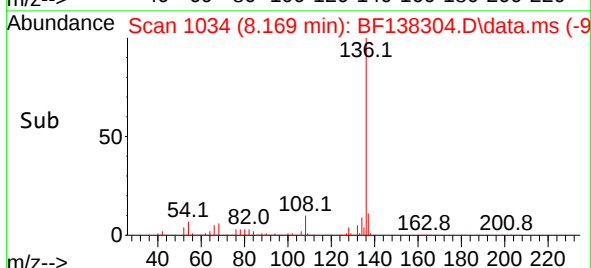
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024

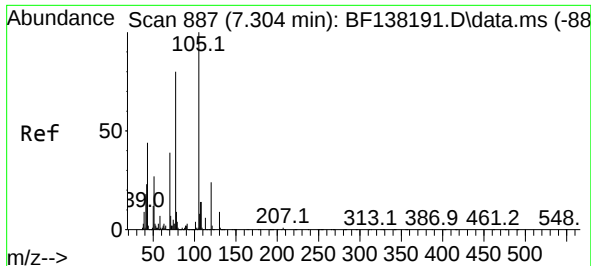


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08



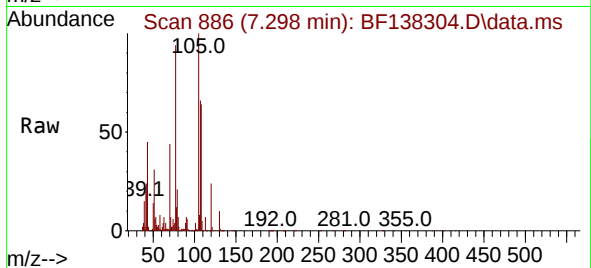
Tgt Ion:136 Resp: 1164919
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.3 6.6 10.0
68 6.1 5.4 8.2





#22
Acetophenone
Concen: 42.680 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

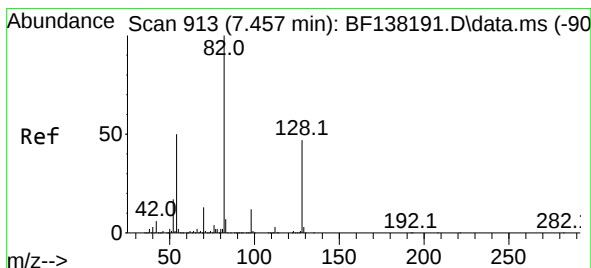
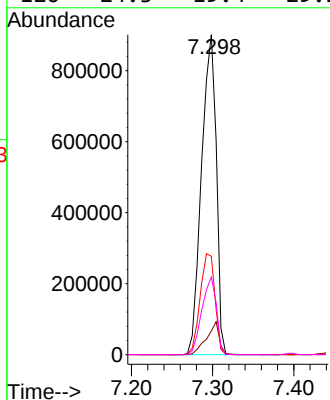
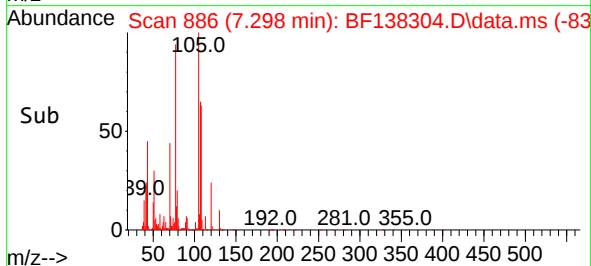
Instrument :
BNA_F
ClientSampleId :
PB161624BS



Tgt Ion: 105 Resp: 1135772
Ion Ratio Lower Upper
105 100
71 7.4 5.4 8.2
51 30.8 21.4 32.0
120 24.3 19.4 29.2

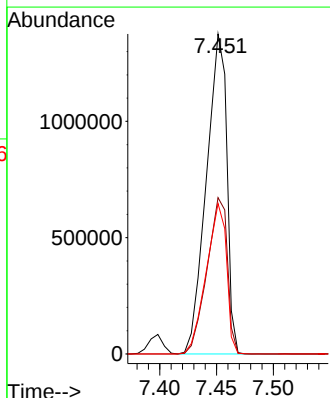
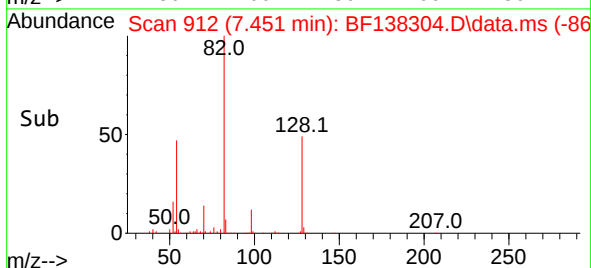
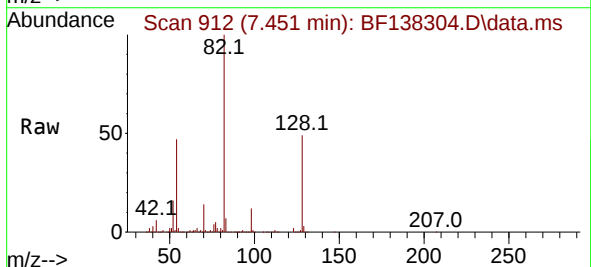
Manual Integrations
APPROVED

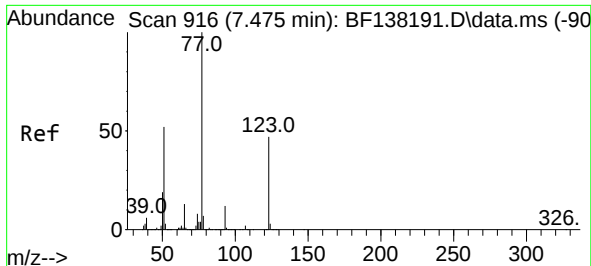
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#23
Nitrobenzene-d5
Concen: 86.079 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Tgt Ion: 82 Resp: 1722458
Ion Ratio Lower Upper
82 100
128 48.9 37.2 55.8
54 47.0 39.8 59.6





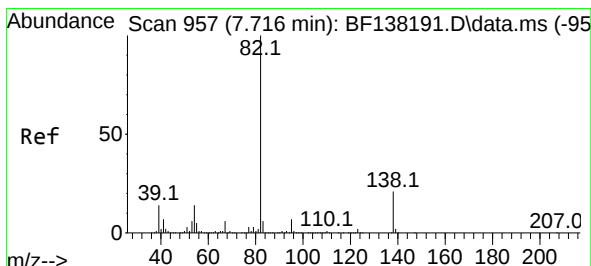
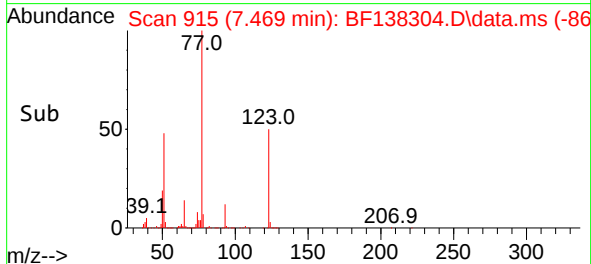
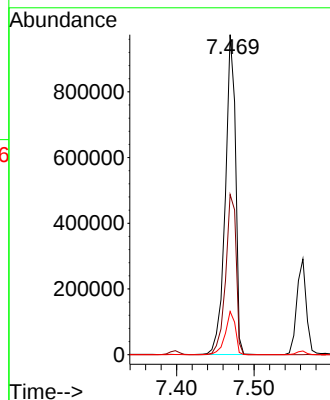
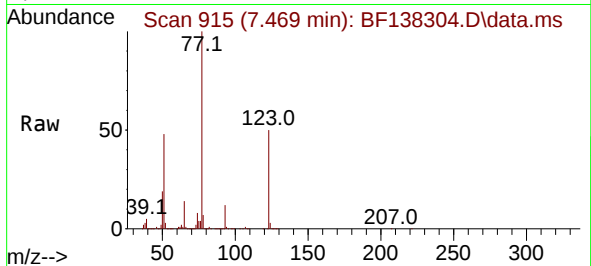
#24
Nitrobenzene
Concen: 43.218 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Instrument :
BNA_F
ClientSampleId :
PB161624BS

Tgt Ion: 77 Resp: 893811
Ion Ratio Lower Upper
77 100
123 50.1 37.3 55.9
65 13.5 10.6 15.8

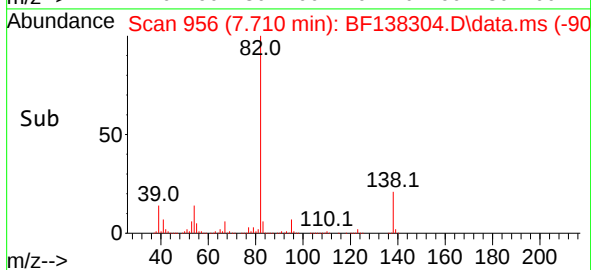
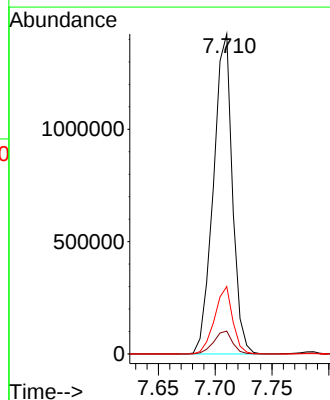
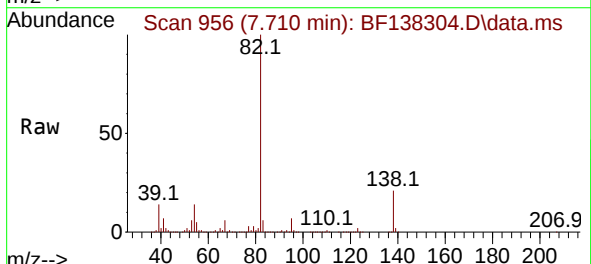
Manual Integrations
APPROVED

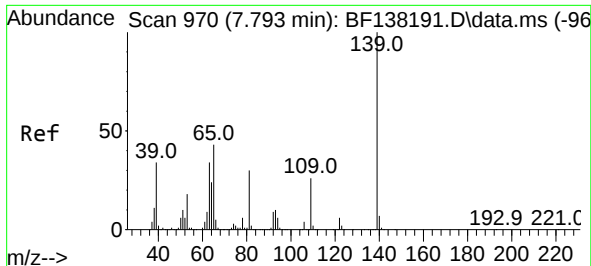
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#25
Isophorone
Concen: 45.735 ng
RT: 7.710 min Scan# 956
Delta R.T. -0.006 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Tgt Ion: 82 Resp: 1655360
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 21.0 16.4 24.6





#26
2-Nitrophenol
Concen: 59.490 ng
RT: 7.787 min Scan# 969
Delta R.T. -0.006 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Instrument :

BNA_F

ClientSampleId :

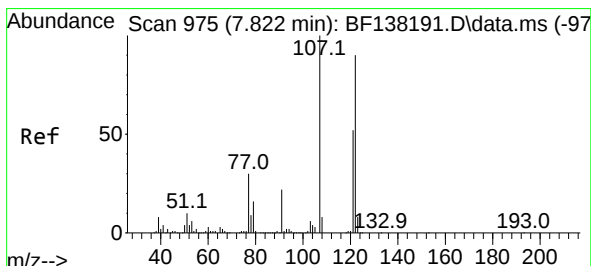
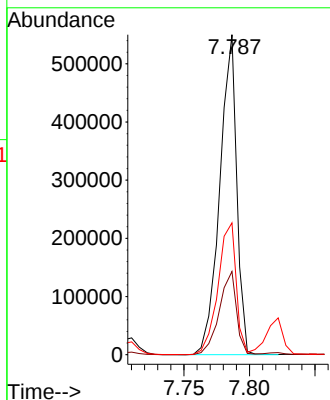
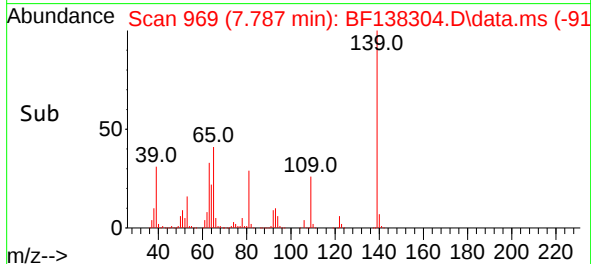
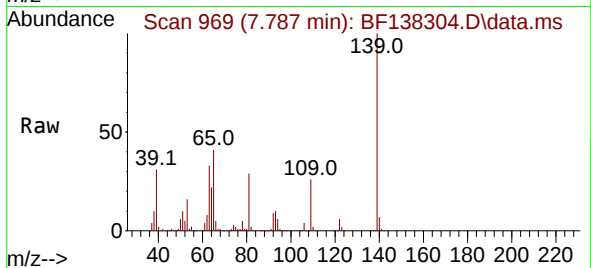
PB161624BS

Tgt Ion:139 Resp: 494730
Ion Ratio Lower Upper
139 100
109 26.0 20.7 31.1
65 41.2 34.5 51.7

Manual Integrations

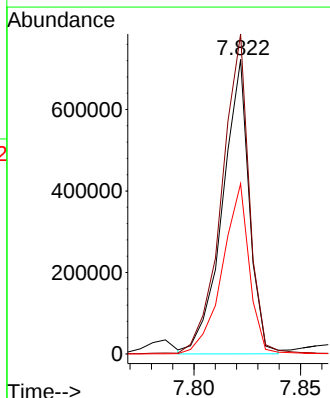
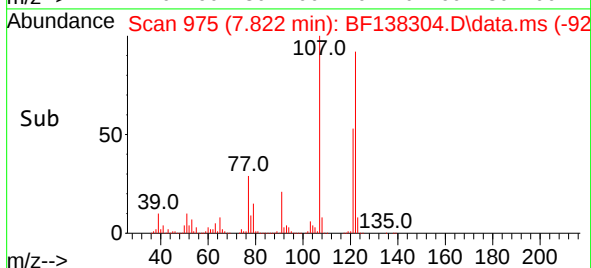
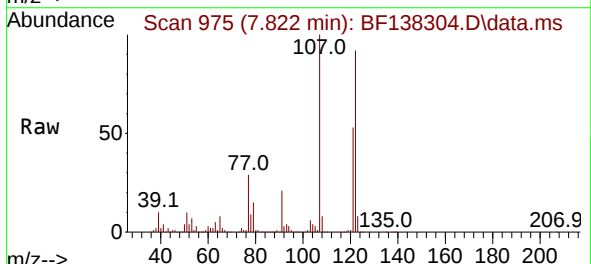
APPROVED

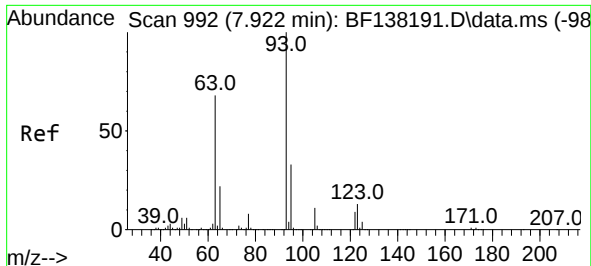
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#27
2,4-Dimethylphenol
Concen: 49.738 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.000 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Tgt Ion:122 Resp: 629295
Ion Ratio Lower Upper
122 100
107 108.7 87.7 131.5
121 57.8 45.8 68.8





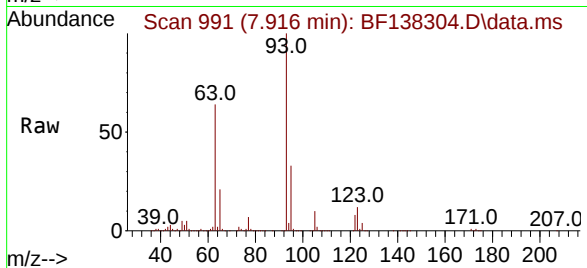
#28
bis(2-Chloroethoxy)methane
Concen: 46.303 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Instrument :

BNA_F

ClientSampleId :

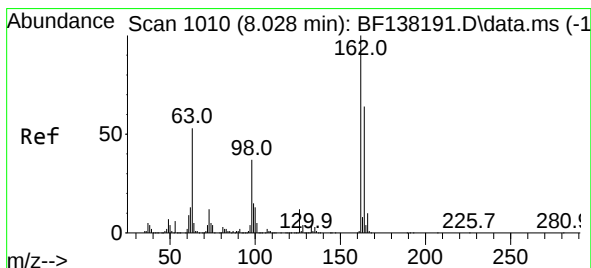
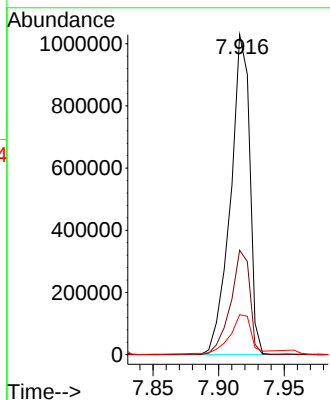
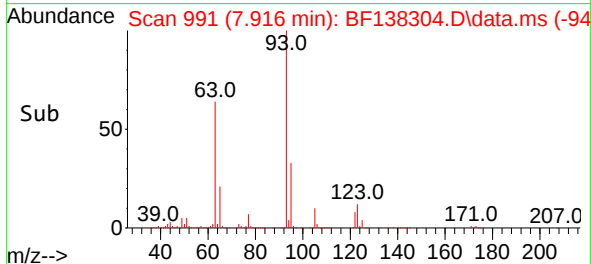
PB161624BS



Tgt Ion: 93 Resp: 1049088
Ion Ratio Lower Upper
93 100
95 32.7 26.6 39.8
123 12.5 10.2 15.4

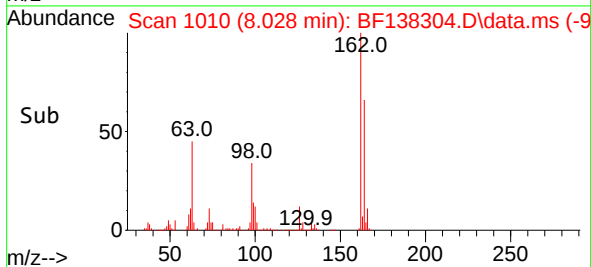
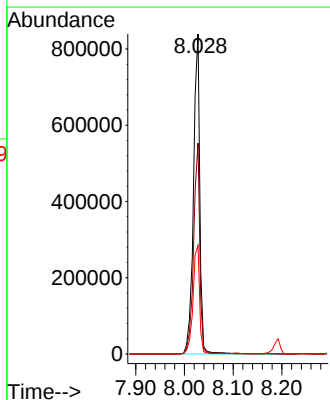
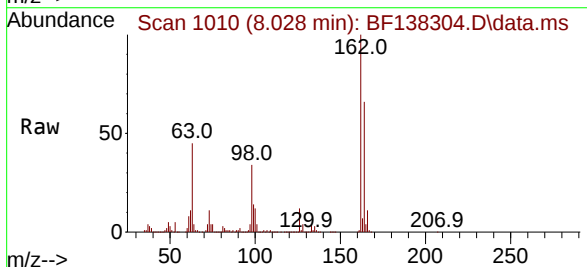
Manual Integrations
APPROVED

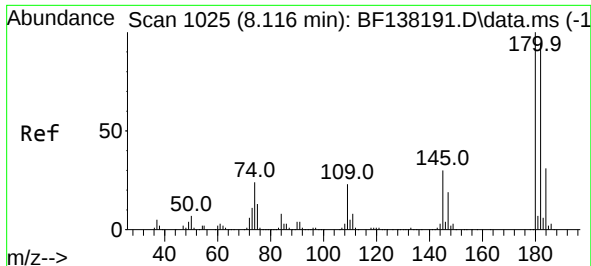
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#29
2,4-Dichlorophenol
Concen: 46.937 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Tgt Ion:162 Resp: 764555
Ion Ratio Lower Upper
162 100
164 65.9 44.3 84.3
98 33.9 16.5 56.5





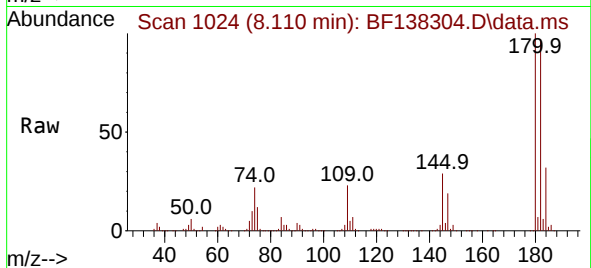
#30
1,2,4-Trichlorobenzene
Concen: 44.013 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Instrument :

BNA_F

ClientSampleId :

PB161624BS



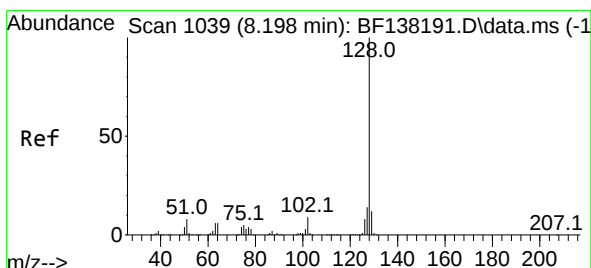
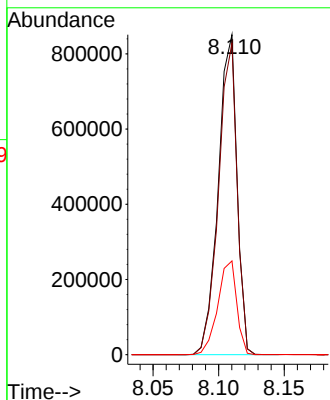
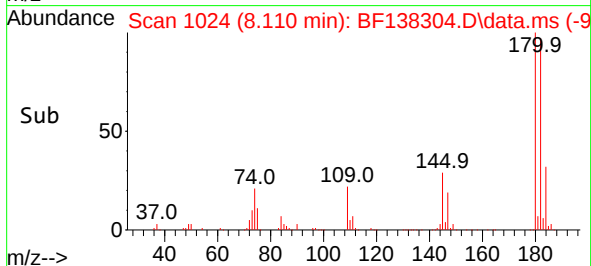
Tgt Ion:180 Resp: 845502
Ion Ratio Lower Upper
180 100
182 97.4 75.0 112.6
145 29.3 23.8 35.6

Manual Integrations

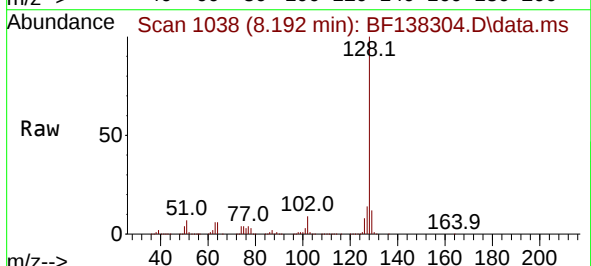
APPROVED

Reviewed By :Yogesh Patel 06/25/2024

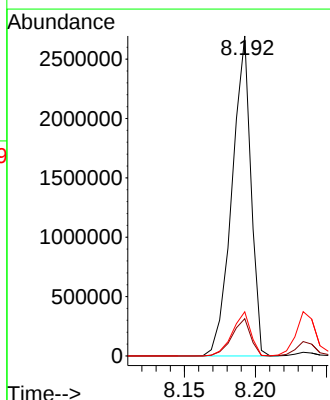
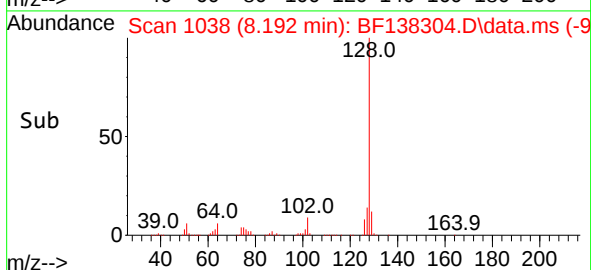
Supervised By :mohammad ahmed 06/26/2024

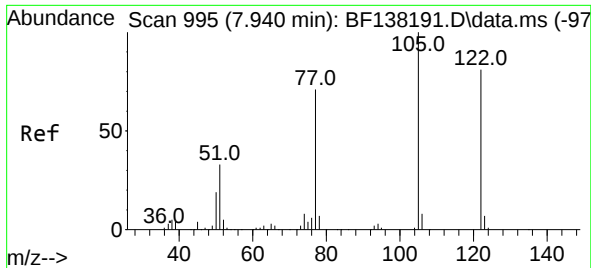


#31
Naphthalene
Concen: 43.390 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08



Tgt Ion:128 Resp: 2499345
Ion Ratio Lower Upper
128 100
129 11.7 9.5 14.3
127 13.8 11.0 16.6





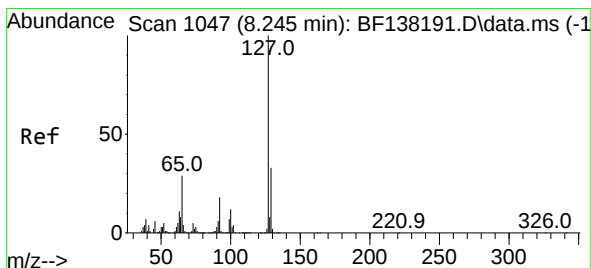
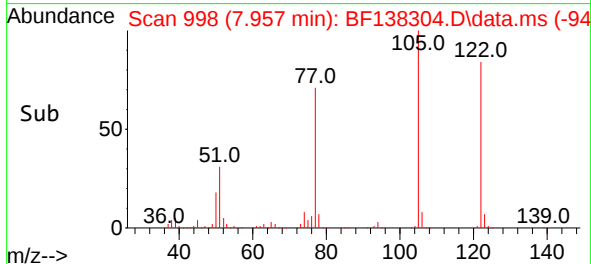
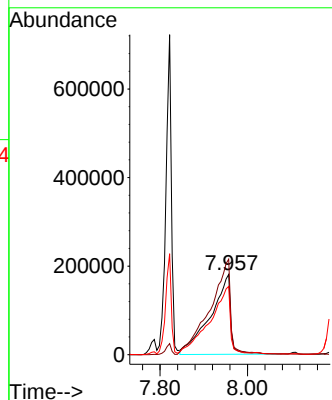
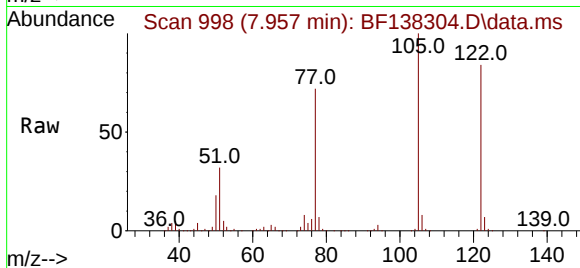
#32
Benzoic acid
Concen: 52.131 ng
RT: 7.957 min Scan# 995
Delta R.T. 0.017 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Instrument :
BNA_F
ClientSampleId :
PB161624BS

Tgt Ion:122 Resp: 581314
Ion Ratio Lower Upper
122 100
105 119.2 100.1 140.1
77 85.2 66.5 106.5

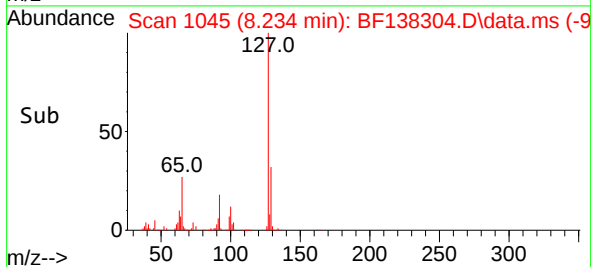
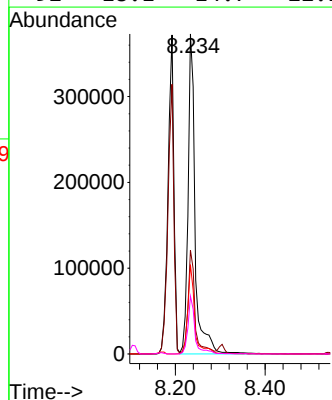
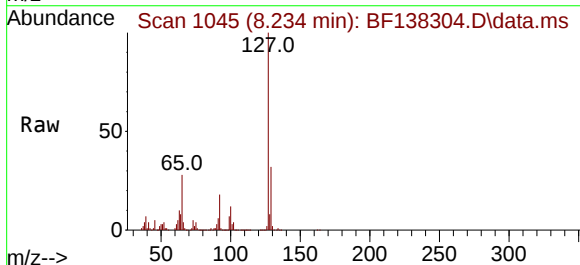
Manual Integrations
APPROVED

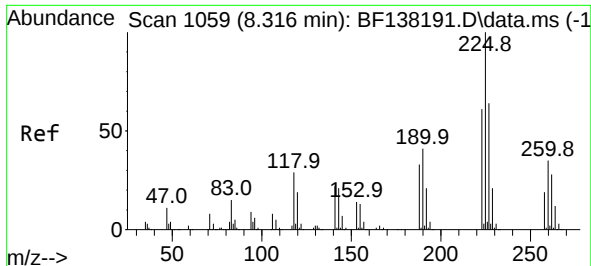
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#33
4-Chloroaniline
Concen: 19.143 ng
RT: 8.234 min Scan# 1045
Delta R.T. -0.012 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Tgt Ion:127 Resp: 412141
Ion Ratio Lower Upper
127 100
129 32.4 26.1 39.1
65 27.9 23.6 35.4
92 18.1 14.7 22.1





#34
Hexachlorobutadiene
Concen: 43.816 ng
RT: 8.304 min Scan# 1057
Delta R.T. -0.012 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Instrument :

BNA_F

ClientSampleId :

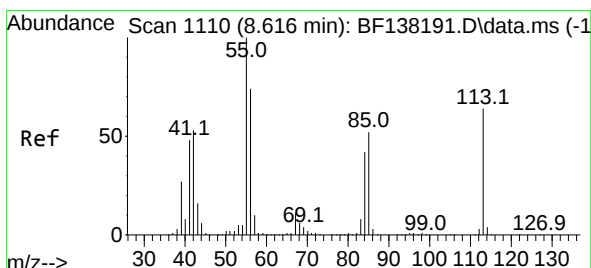
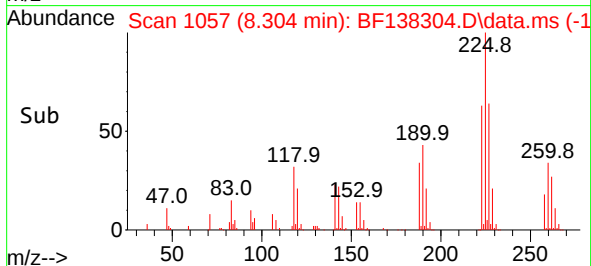
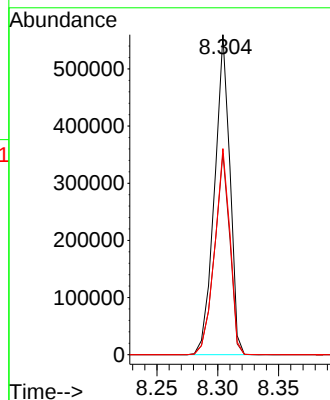
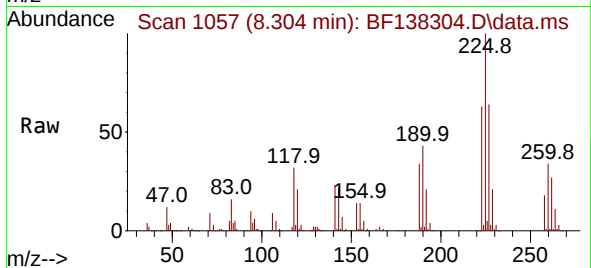
PB161624BS

Tgt Ion:225 Resp: 492270
Ion Ratio Lower Upper
225 100
223 62.9 49.0 73.6
227 64.4 51.2 76.8

Manual Integrations

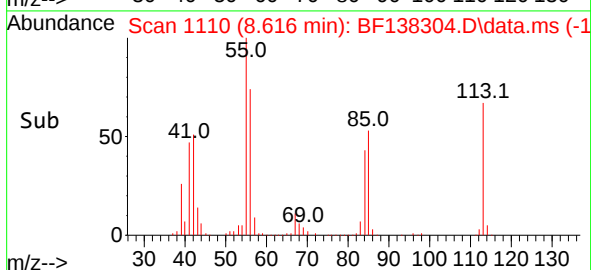
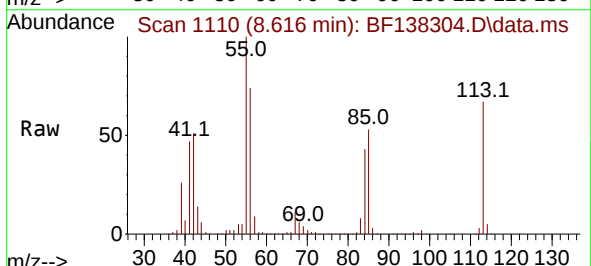
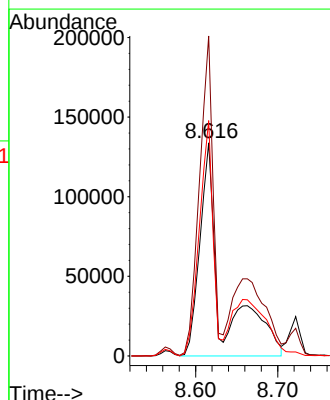
APPROVED

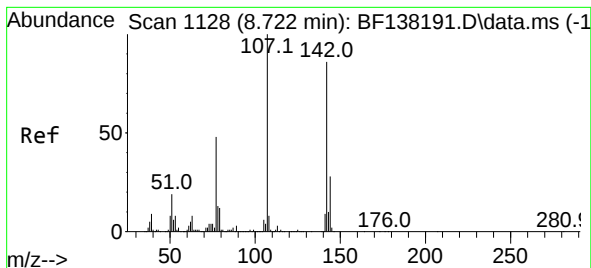
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#35
Caprolactam
Concen: 50.385 ng m
RT: 8.616 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

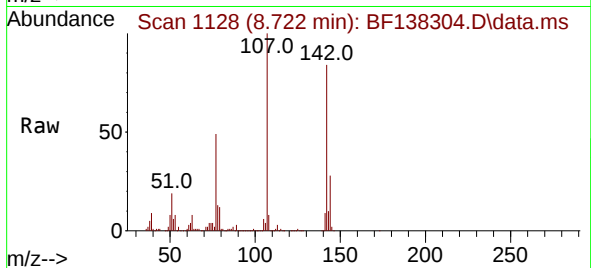
Tgt Ion:113 Resp: 247775
Ion Ratio Lower Upper
113 100
55 150.2 135.4 175.4
56 110.4 95.5 135.5





#36
4-Chloro-3-methylphenol
Concen: 48.056 ng
RT: 8.722 min Scan# 1128
Delta R.T. -0.000 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

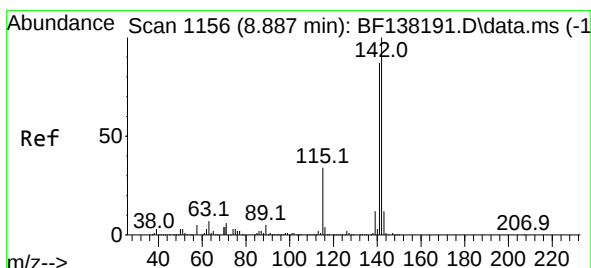
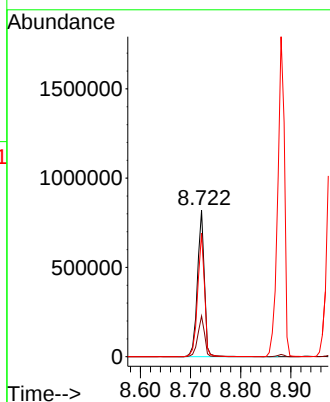
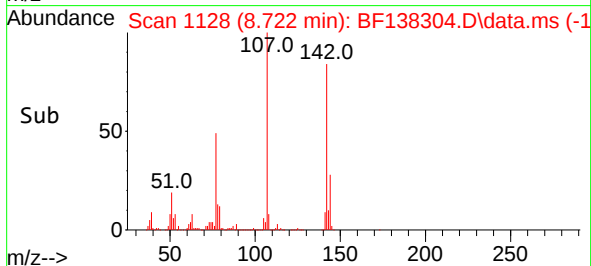
Instrument :
BNA_F
ClientSampleId :
PB161624BS



Tgt Ion:107 Resp: 779394
Ion Ratio Lower Upper
107 100
144 27.8 22.6 34.0
142 84.3 69.0 103.4

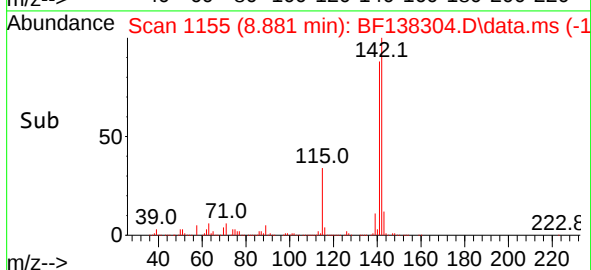
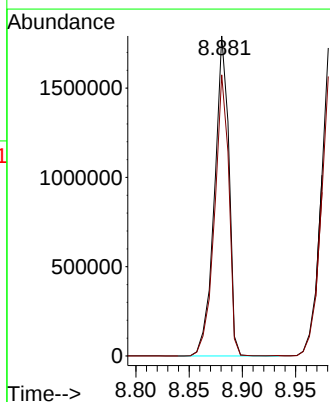
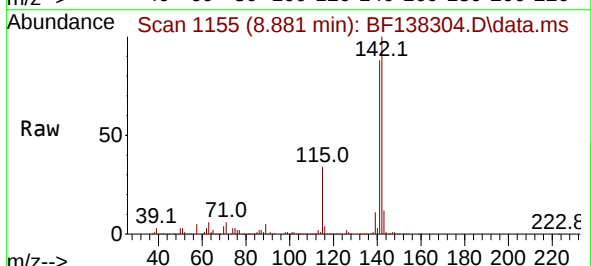
Manual Integrations
APPROVED

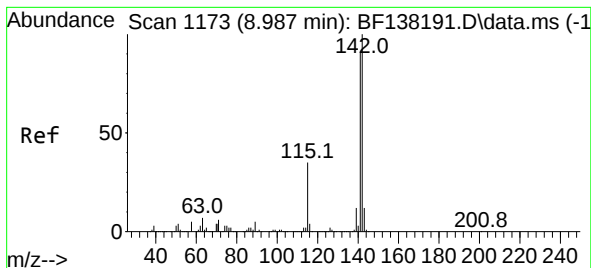
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#37
2-Methylnaphthalene
Concen: 44.454 ng
RT: 8.881 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Tgt Ion:142 Resp: 1680546
Ion Ratio Lower Upper
142 100
141 87.9 69.9 104.9





#38

1-Methylnaphthalene

Concen: 42.162 ng

RT: 8.981 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF138304.D

Acq: 24 Jun 2024 12:08

Instrument :

BNA_F

ClientSampleId :

PB161624BS

Tgt Ion:142 Resp: 1561939

Ion Ratio Lower Upper

142 100

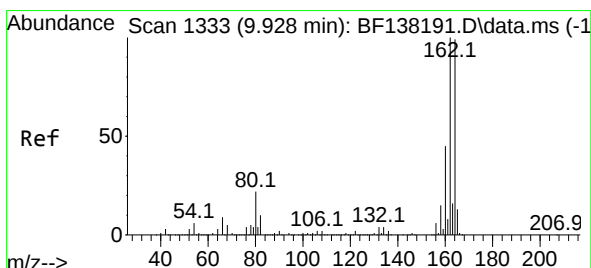
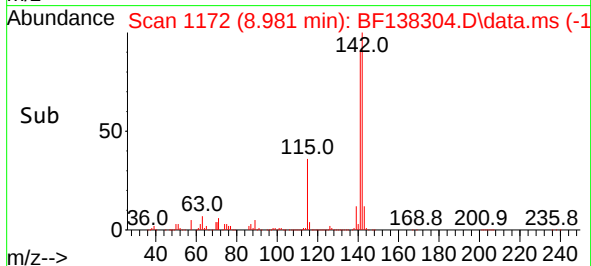
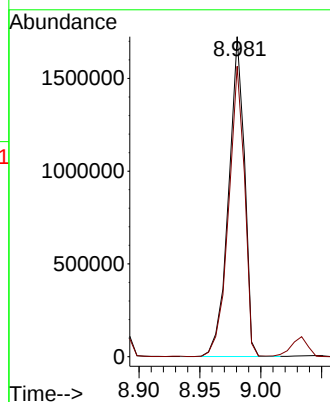
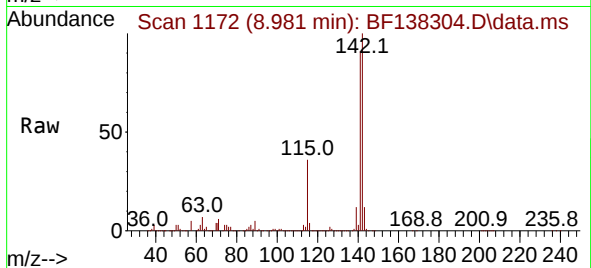
141 90.8 72.8 109.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :mohammad ahmed 06/26/2024



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1333

Delta R.T. -0.000 min

Lab File: BF138304.D

Acq: 24 Jun 2024 12:08

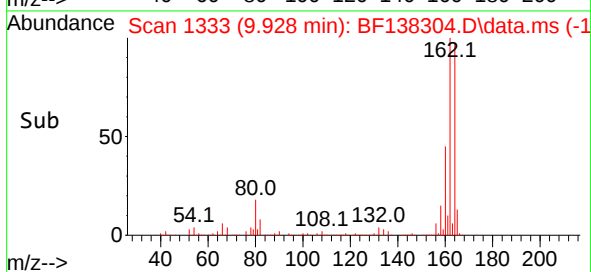
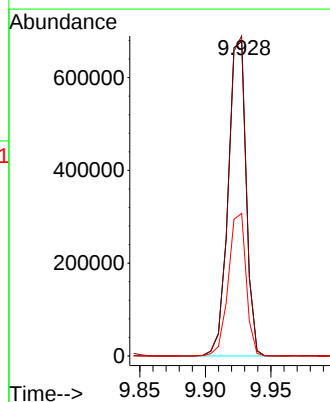
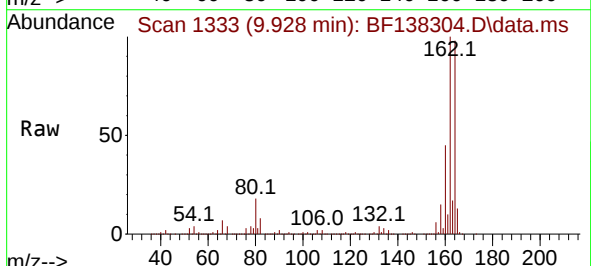
Tgt Ion:164 Resp: 647653

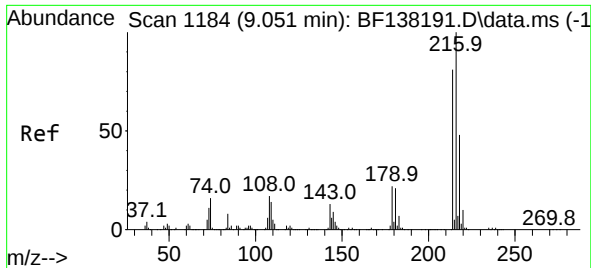
Ion Ratio Lower Upper

164 100

162 101.8 80.6 121.0

160 45.4 36.3 54.5





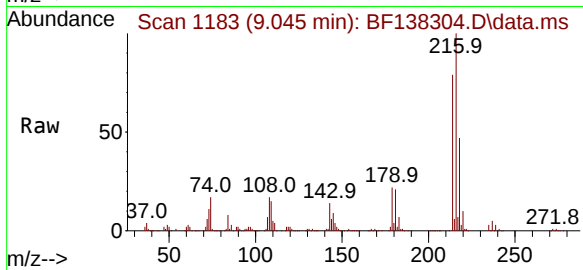
#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.641 ng
RT: 9.045 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Instrument :

BNA_F

ClientSampleId :

PB161624BS

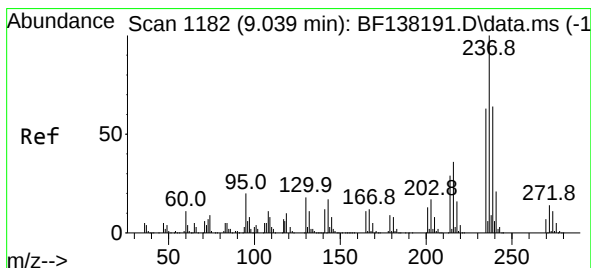
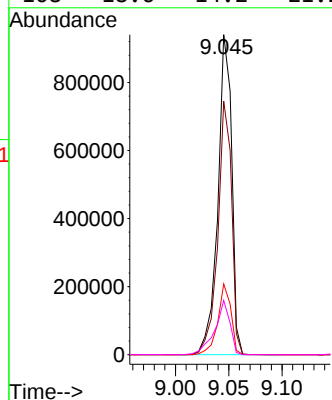
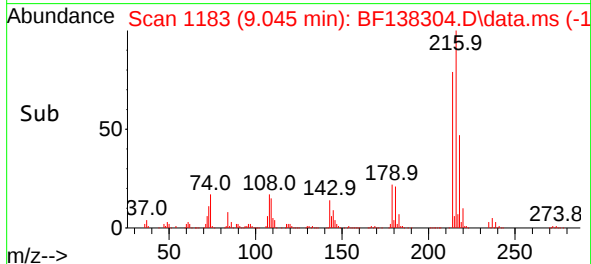


Tgt Ion:216 Resp: 844849
Ion Ratio Lower Upper
216 100
214 78.6 63.7 95.5
179 21.0 16.9 25.3
108 18.6 14.2 21.2

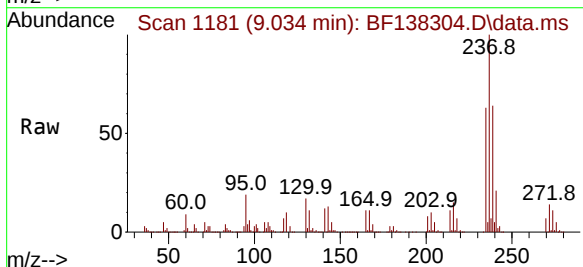
Manual Integrations

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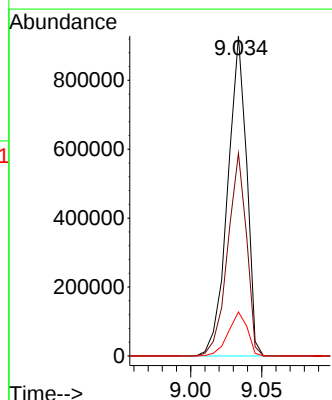
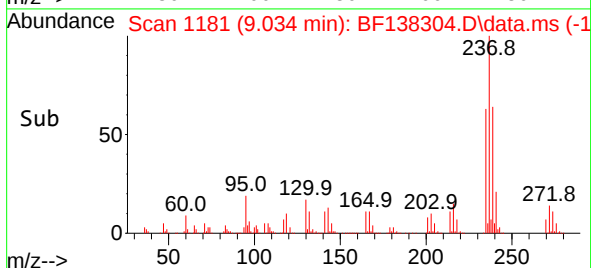
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024

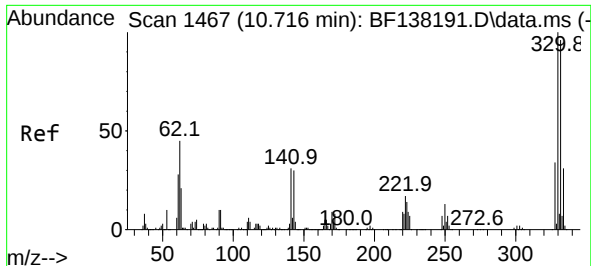


#41
Hexachlorocyclopentadiene
Concen: 138.977 ng
RT: 9.034 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08



Tgt Ion:237 Resp: 857638
Ion Ratio Lower Upper
237 100
235 63.4 43.3 83.3
272 13.7 0.0 34.0





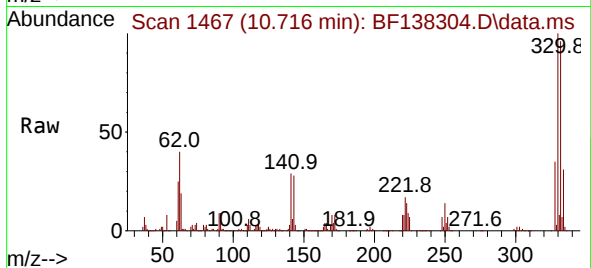
#42
2,4,6-Tribromophenol
Concen: 137.853 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Instrument :

BNA_F

ClientSampleId :

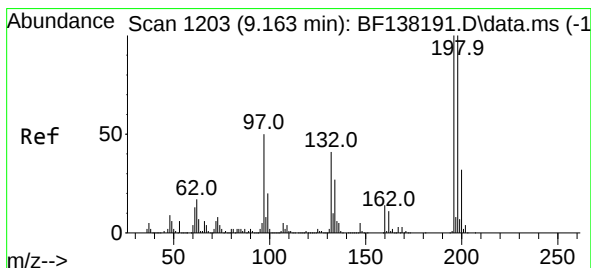
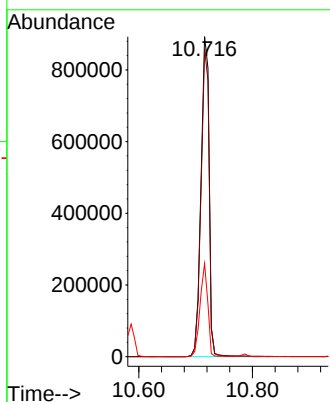
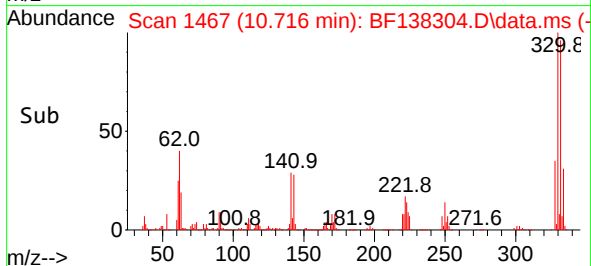
PB161624BS



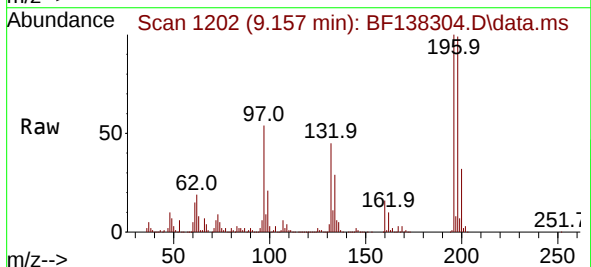
Tgt Ion:330 Resp: 88881
Ion Ratio Lower Upper
330 100
332 95.8 76.6 115.0
141 27.8 23.9 35.9

Manual Integrations
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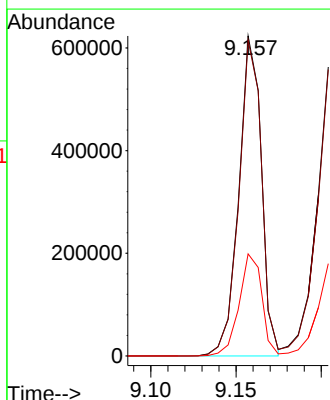
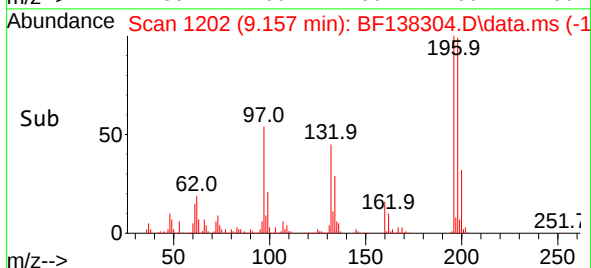
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024

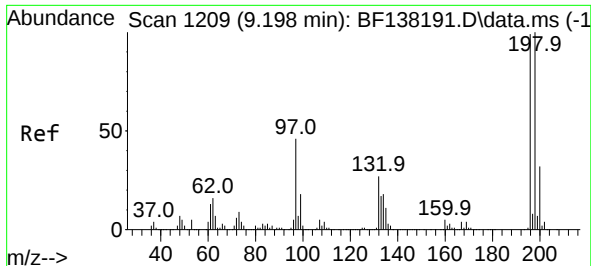


#43
2,4,6-Trichlorophenol
Concen: 48.397 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08



Tgt Ion:196 Resp: 573518
Ion Ratio Lower Upper
196 100
198 98.7 79.8 119.6
200 31.9 25.9 38.9





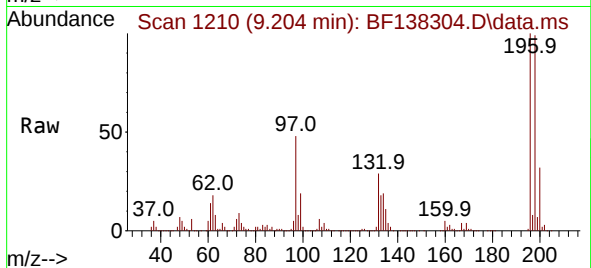
#44
2,4,5-Trichlorophenol
Concen: 47.170 ng
RT: 9.204 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Instrument :

BNA_F

ClientSampleId :

PB161624BS

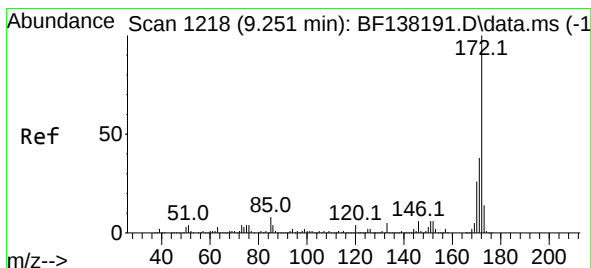
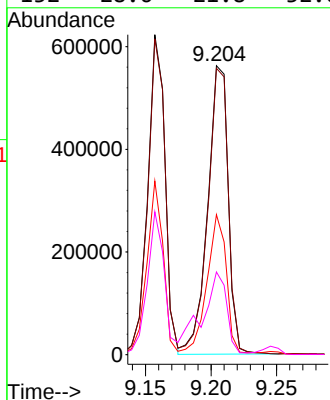
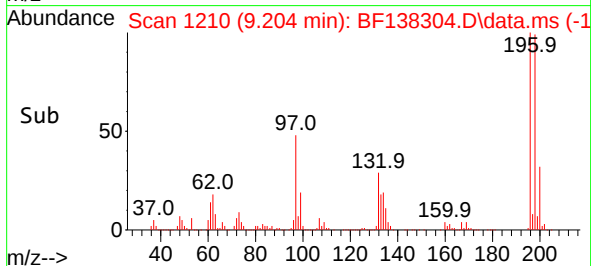


Tgt Ion:196 Resp: 61385
Ion Ratio Lower Upper
196 100
198 99.1 80.4 120.6
97 48.4 37.4 56.2
132 28.6 21.8 32.6

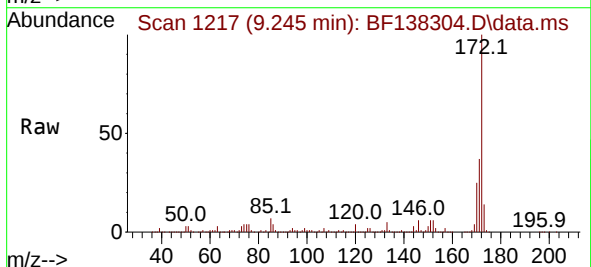
Manual Integrations

APPROVED

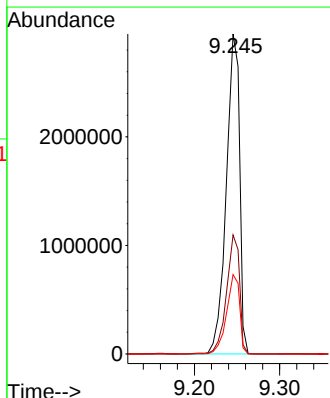
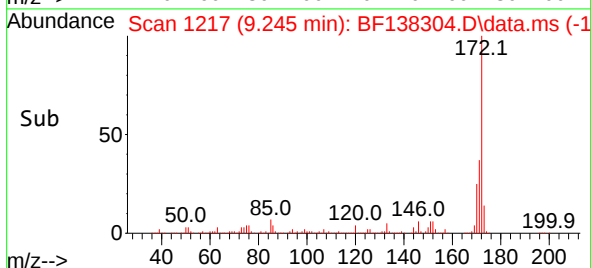
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024

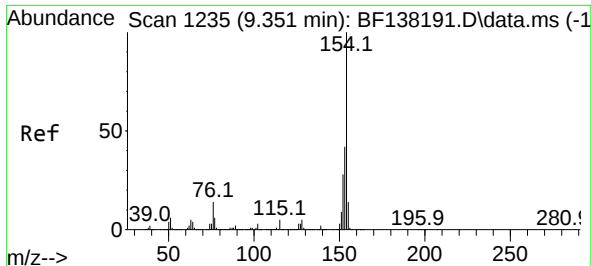


#45
2-Fluorobiphenyl
Concen: 78.724 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08



Tgt Ion:172 Resp: 3206369
Ion Ratio Lower Upper
172 100
171 37.2 30.3 45.5
170 24.8 20.6 30.8





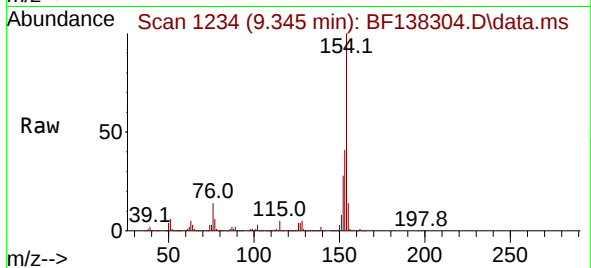
#46
1,1'-Biphenyl
Concen: 43.436 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Instrument :

BNA_F

ClientSampleId :

PB161624BS



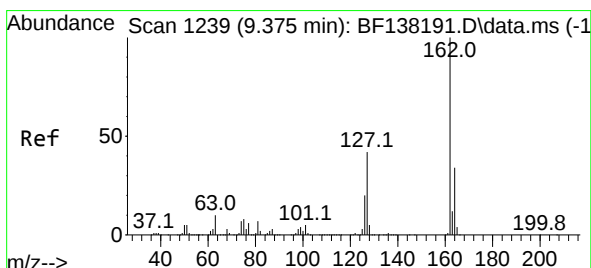
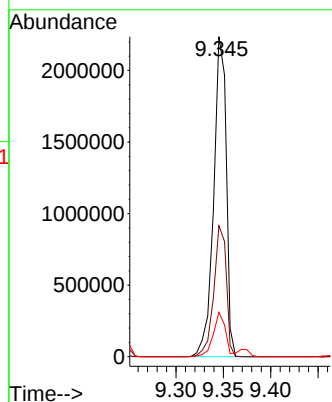
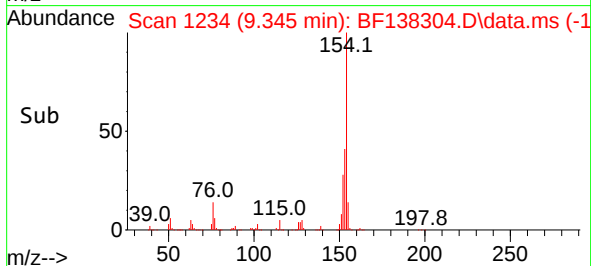
Tgt Ion:154 Resp: 2064229
Ion Ratio Lower Upper
154 100
153 40.9 22.1 62.1
76 13.9 0.0 34.3

Manual Integrations

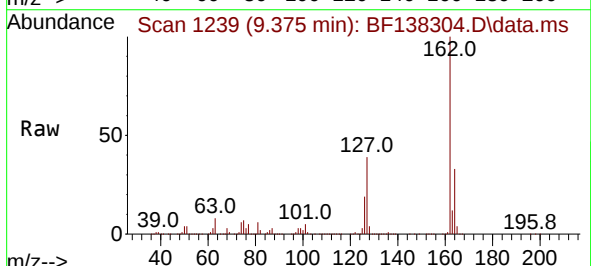
APPROVED

Reviewed By :Yogesh Patel 06/25/2024

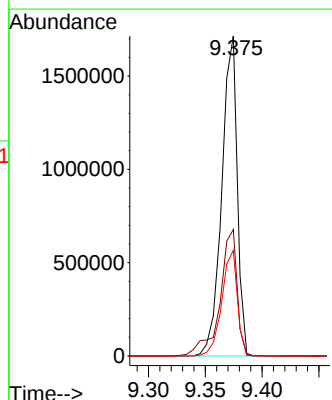
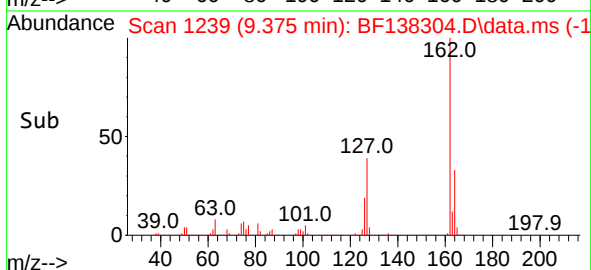
Supervised By :mohammad ahmed 06/26/2024

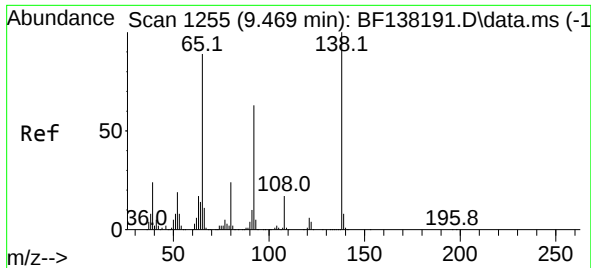


#47
2-Chloronaphthalene
Concen: 43.426 ng
RT: 9.375 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08



Tgt Ion:162 Resp: 1631034
Ion Ratio Lower Upper
162 100
127 39.5 33.6 50.4
164 33.0 27.2 40.8





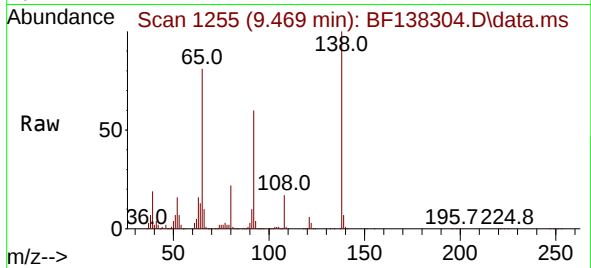
#48
2-Nitroaniline
Concen: 50.517 ng
RT: 9.469 min Scan# 1109
Delta R.T. -0.000 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Instrument :

BNA_F

ClientSampleId :

PB161624BS



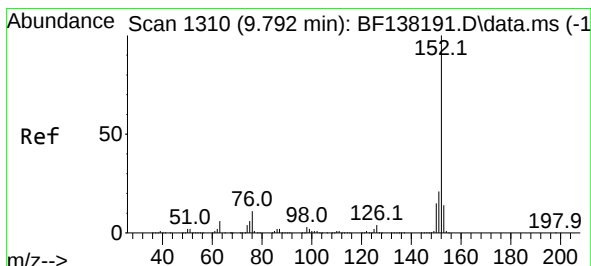
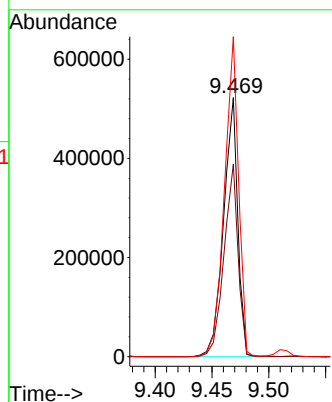
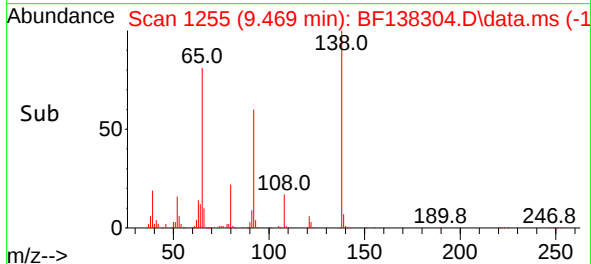
Tgt Ion: 65 Resp: 456929
Ion Ratio Lower Upper
65 100
92 74.3 56.6 85.0
138 123.6 90.1 135.1

Manual Integrations

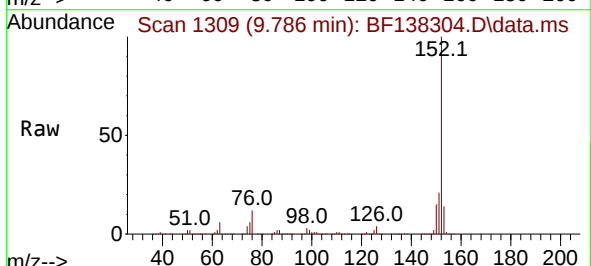
APPROVED

Reviewed By :Yogesh Patel 06/25/2024

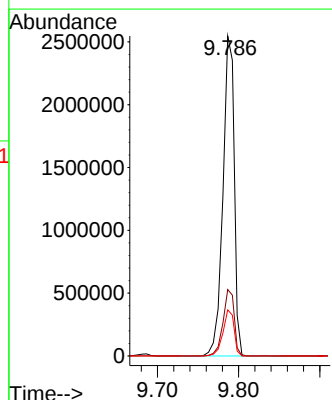
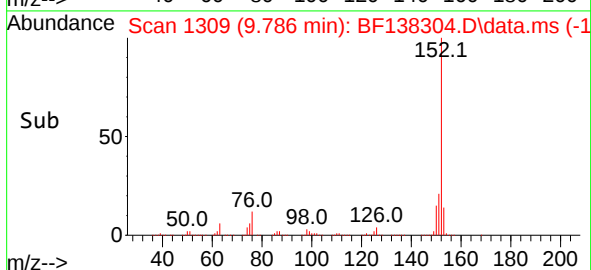
Supervised By :mohammad ahmed 06/26/2024

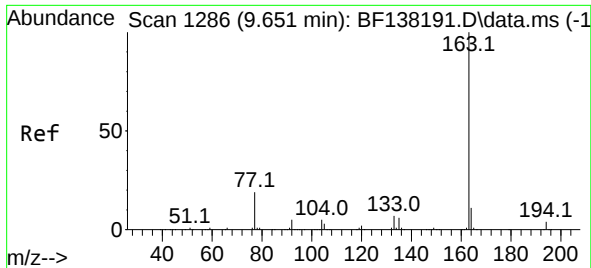


#49
Acenaphthylene
Concen: 47.075 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08



Tgt Ion:152 Resp: 2479257
Ion Ratio Lower Upper
152 100
151 20.8 16.9 25.3
153 14.4 11.4 17.0





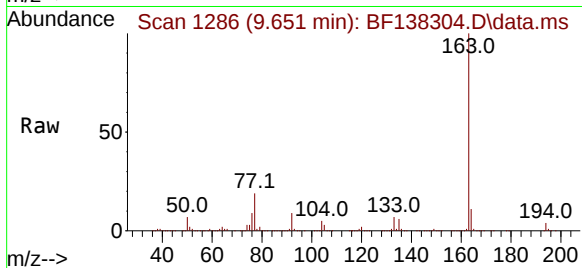
#50
Dimethylphthalate
Concen: 47.817 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Instrument :

BNA_F

ClientSampleId :

PB161624BS



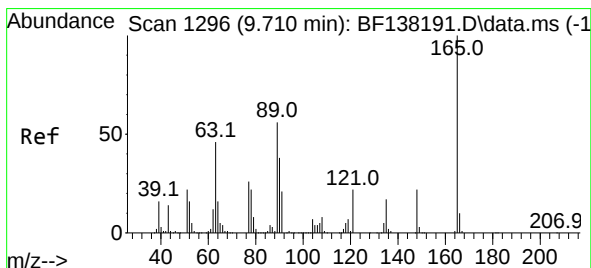
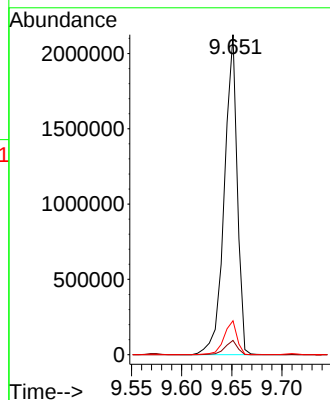
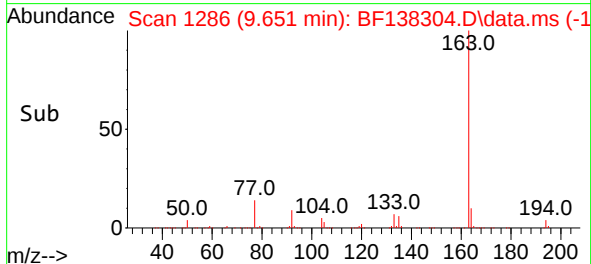
Tgt Ion:163 Resp: 1897468
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 10.6 8.5 12.7

Manual Integrations

APPROVED

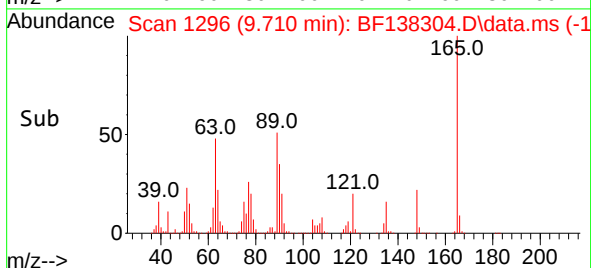
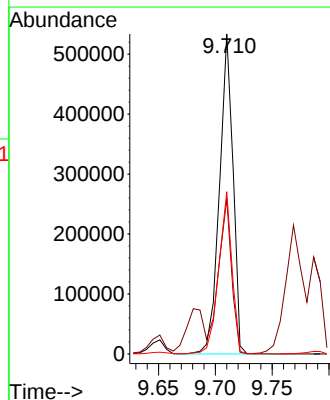
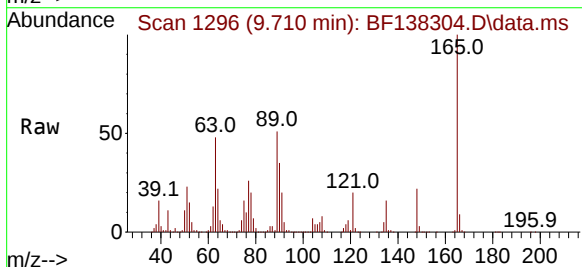
Reviewed By :Yogesh Patel 06/25/2024

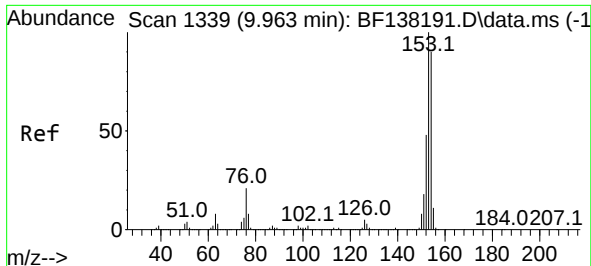
Supervised By :mohammad ahmed 06/26/2024



#51
2,6-Dinitrotoluene
Concen: 51.475 ng
RT: 9.710 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Tgt Ion:165 Resp: 443131
Ion Ratio Lower Upper
165 100
63 48.4 43.7 65.5
89 50.7 44.9 67.3





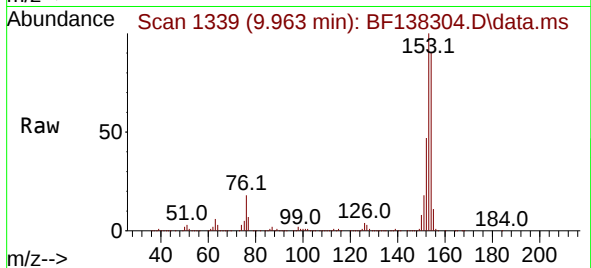
#52
Acenaphthene
Concen: 47.900 ng m
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Instrument :

BNA_F

ClientSampleId :

PB161624BS

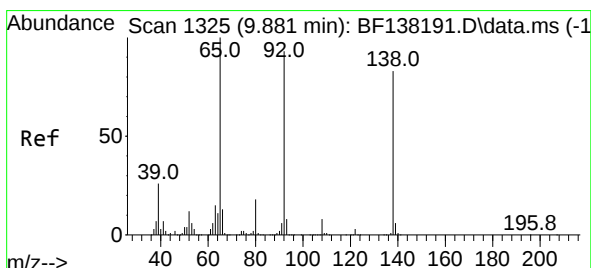
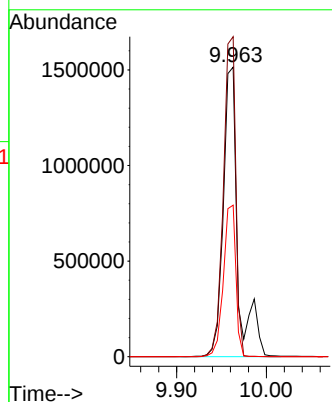
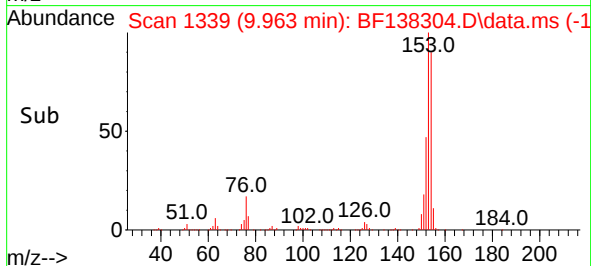


Tgt Ion:154 Resp: 1720224
Ion Ratio Lower Upper
154 100
153 110.5 89.1 133.7
152 52.3 42.4 63.6

Manual Integrations

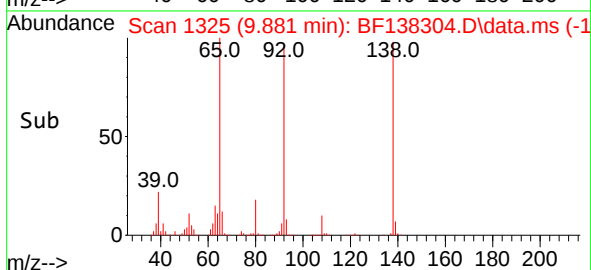
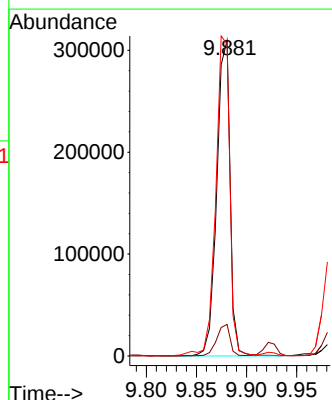
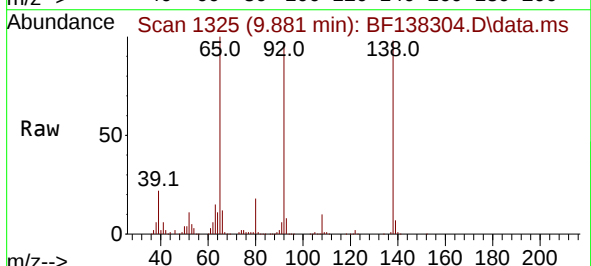
APPROVED

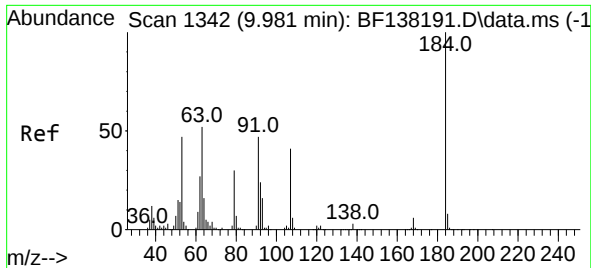
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#53
3-Nitroaniline
Concen: 31.121 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Tgt Ion:138 Resp: 286206
Ion Ratio Lower Upper
138 100
108 10.0 8.2 12.2
92 98.8 90.0 135.0





#54
2,4-Dinitrophenol
Concen: 97.367 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.005 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Instrument :

BNA_F

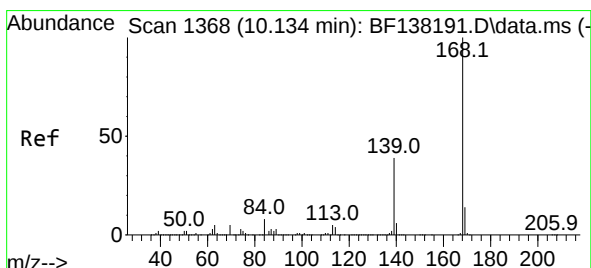
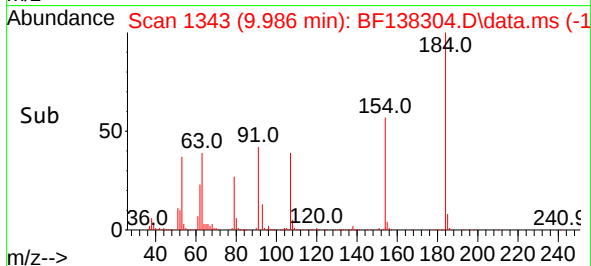
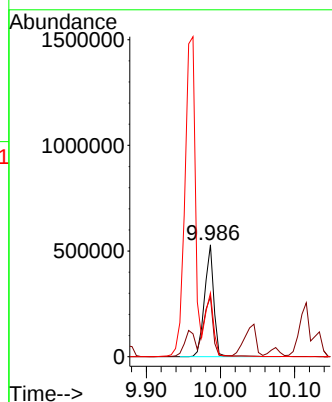
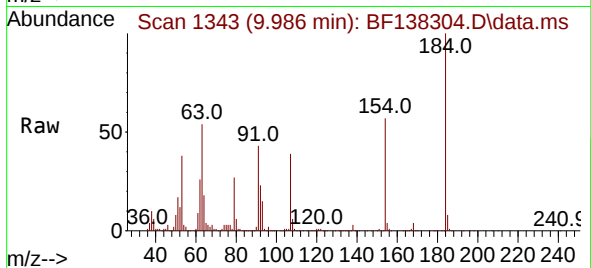
ClientSampleId :

PB161624BS

Tgt Ion:184 Resp: 461295
Ion Ratio Lower Upper
184 100
63 53.6 49.2 73.8
154 57.0 46.7 70.1

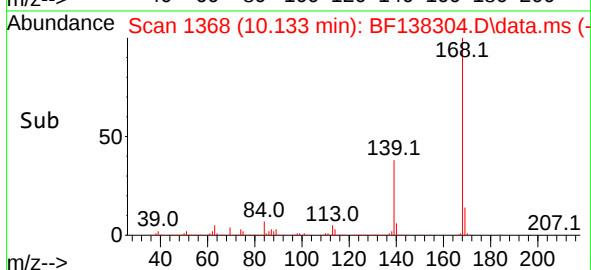
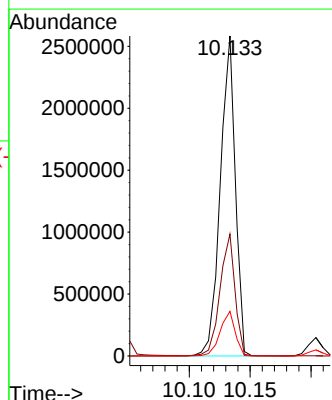
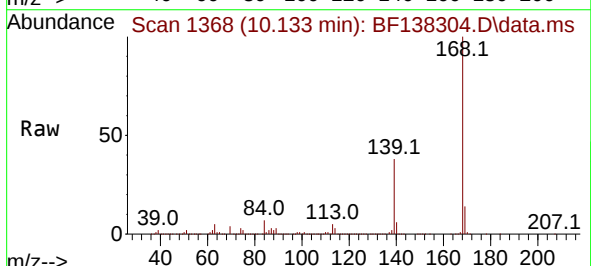
Manual Integrations
APPROVED

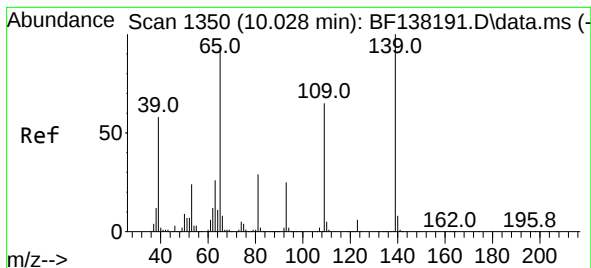
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#55
Dibenzofuran
Concen: 44.320 ng
RT: 10.133 min Scan# 1368
Delta R.T. -0.000 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Tgt Ion:168 Resp: 2225045
Ion Ratio Lower Upper
168 100
139 38.1 31.0 46.4
169 14.0 11.4 17.0





#56
4-Nitrophenol
Concen: 94.800 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.018 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Instrument :

BNA_F

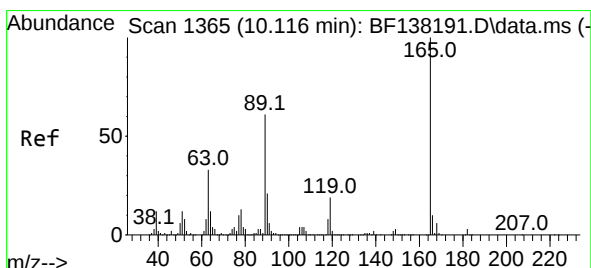
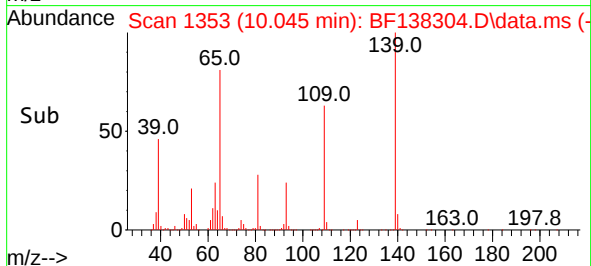
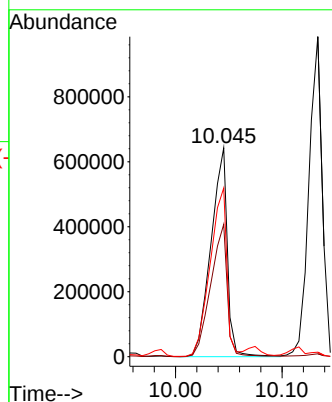
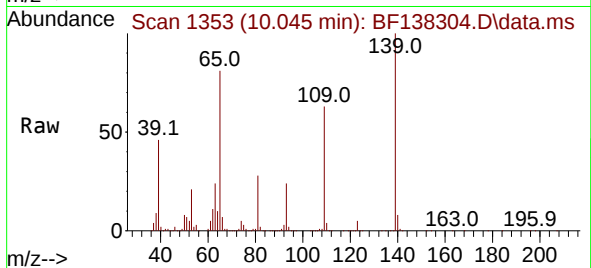
ClientSampleId :

PB161624BS

Tgt Ion:139 Resp: 688970
Ion Ratio Lower Upper
139 100
109 63.4 44.6 84.6
65 80.8 73.1 113.1

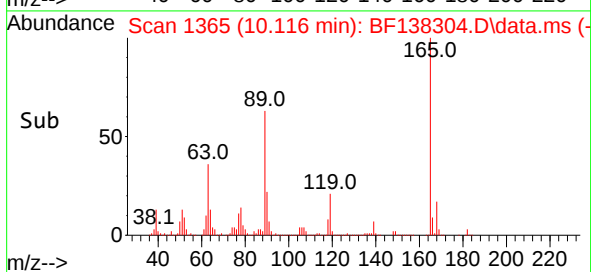
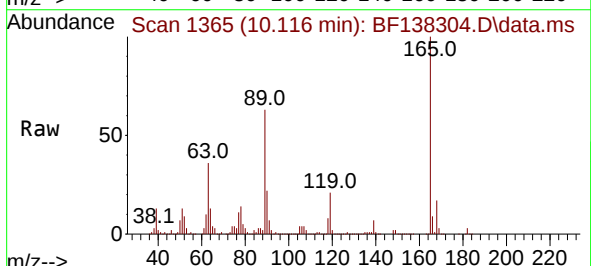
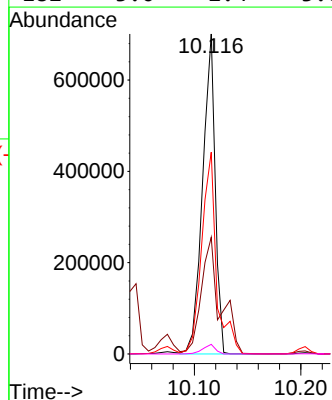
Manual Integrations
APPROVED

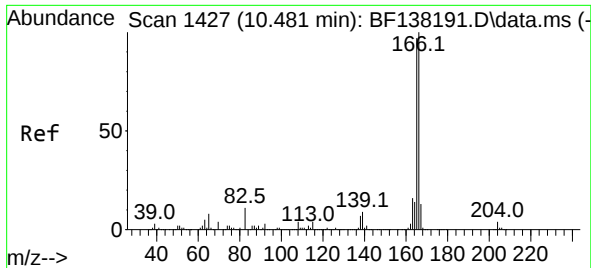
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#57
2,4-Dinitrotoluene
Concen: 54.668 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.000 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

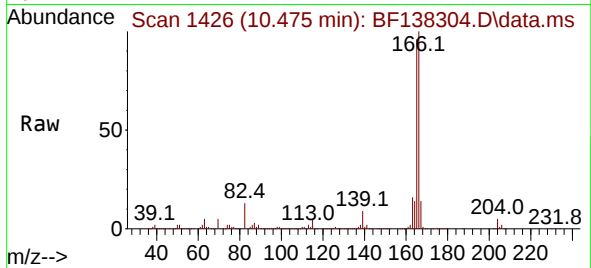
Tgt Ion:165 Resp: 580466
Ion Ratio Lower Upper
165 100
63 36.5 26.6 39.8
89 63.0 48.7 73.1
182 3.0 2.4 3.6





#58
Fluorene
Concen: 42.865 ng
RT: 10.475 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

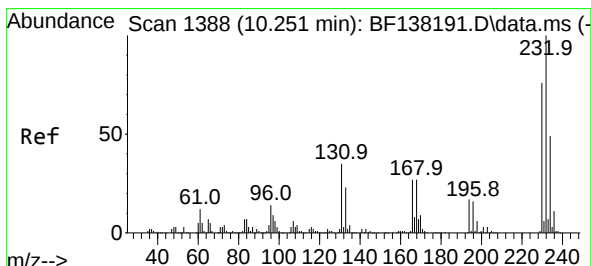
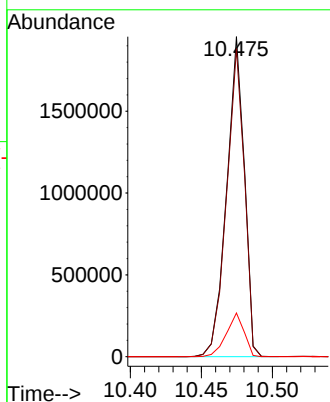
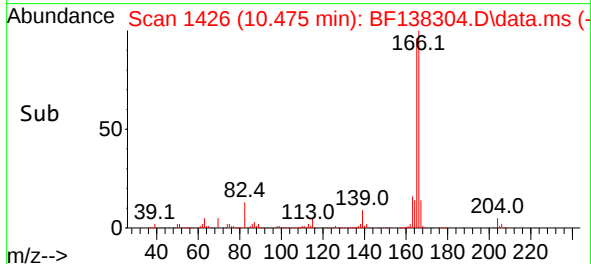
Instrument :
BNA_F
ClientSampleId :
PB161624BS



Tgt Ion:166 Resp: 1692010
Ion Ratio Lower Upper
166 100
165 96.2 77.9 116.9
167 13.6 10.7 16.1

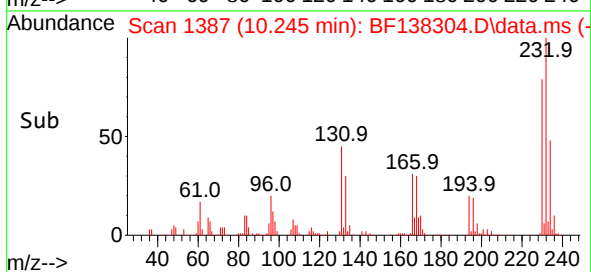
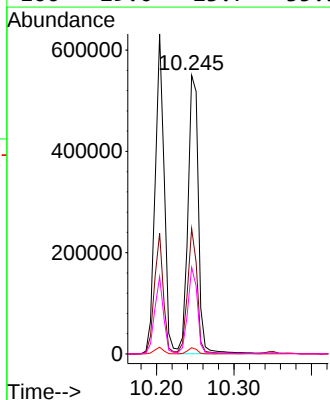
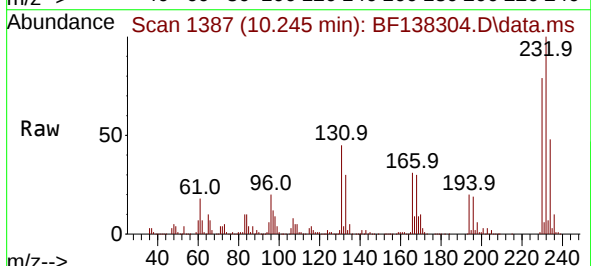
Manual Integrations
APPROVED

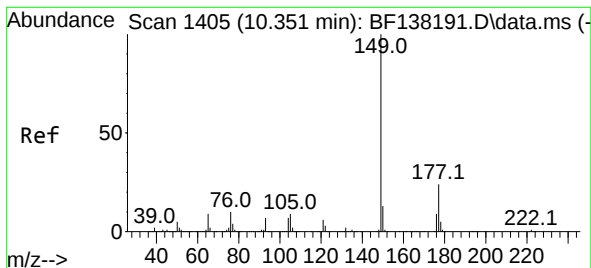
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#59
2,3,4,6-Tetrachlorophenol
Concen: 50.304 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Tgt Ion:232 Resp: 511621
Ion Ratio Lower Upper
232 100
131 41.7 33.6 50.4
130 2.1 1.7 2.5
166 29.0 23.7 35.5





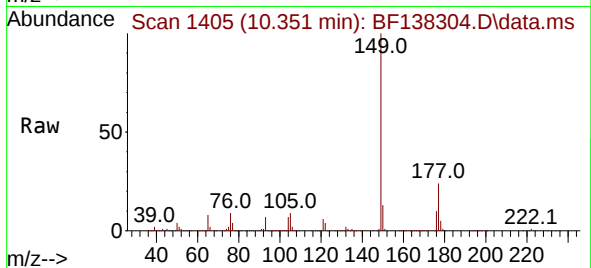
#60
Diethylphthalate
Concen: 48.448 ng
RT: 10.351 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Instrument :

BNA_F

ClientSampleId :

PB161624BS



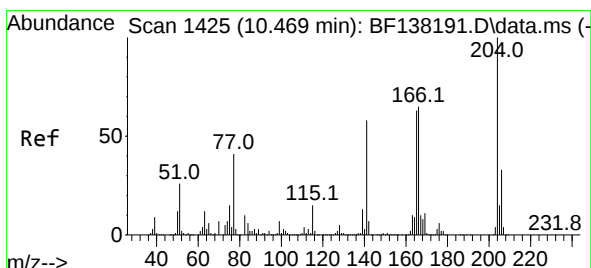
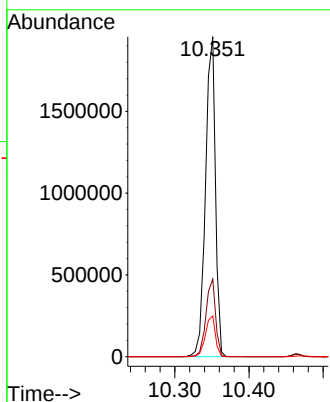
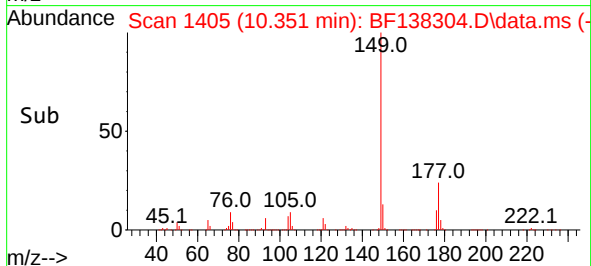
Tgt Ion:149 Resp: 182463
Ion Ratio Lower Upper
149 100
177 24.2 19.4 29.0
150 12.8 10.2 15.4

Manual Integrations

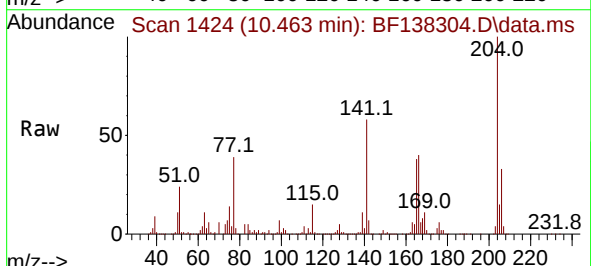
APPROVED

Reviewed By :Yogesh Patel 06/25/2024

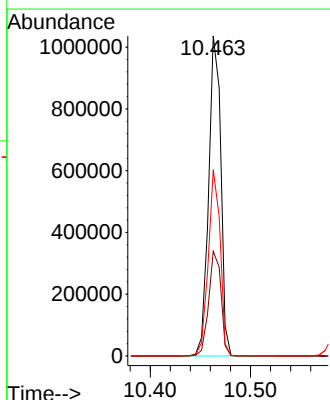
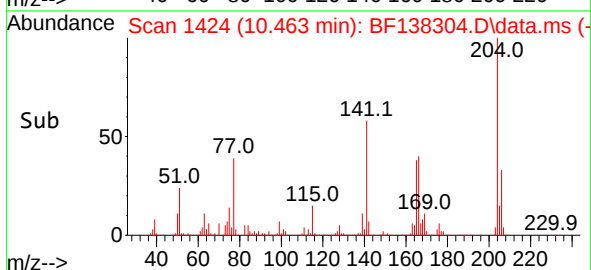
Supervised By :mohammad ahmed 06/26/2024

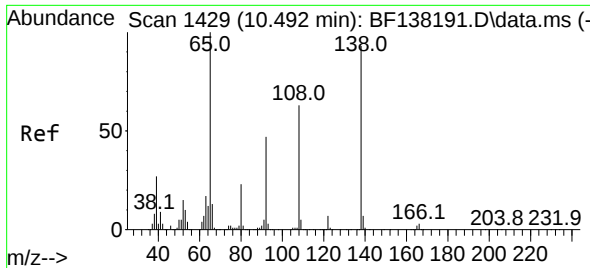


#61
4-Chlorophenyl-phenylether
Concen: 44.612 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08



Tgt Ion:204 Resp: 877017
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 58.2 46.3 69.5





#62
4-Nitroaniline
Concen: 45.919 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Instrument :

BNA_F

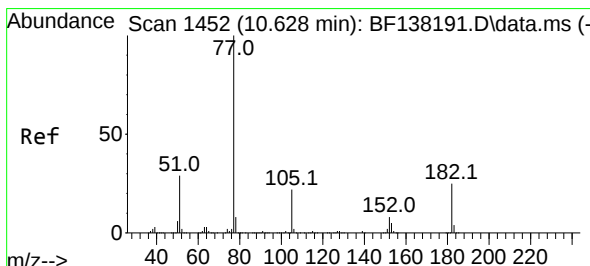
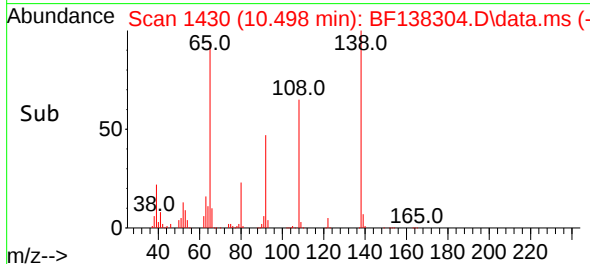
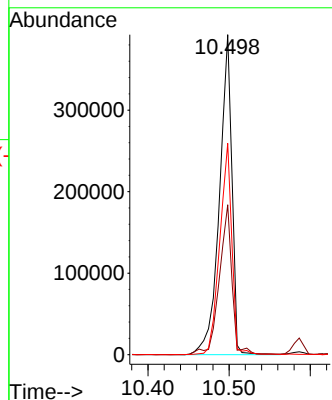
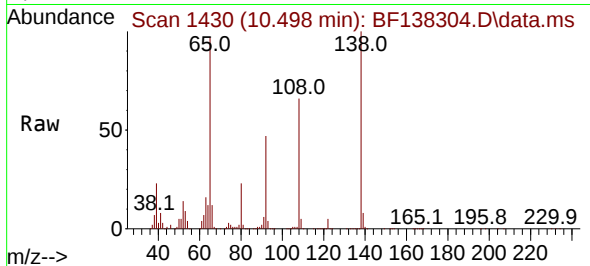
ClientSampleId :

PB161624BS

Tgt Ion:138 Resp: 421934
Ion Ratio Lower Upper
138 100
92 46.9 30.9 70.9
108 66.1 47.8 87.8

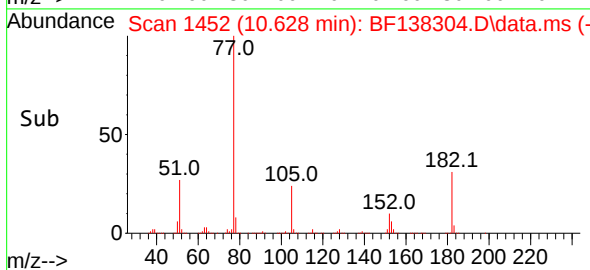
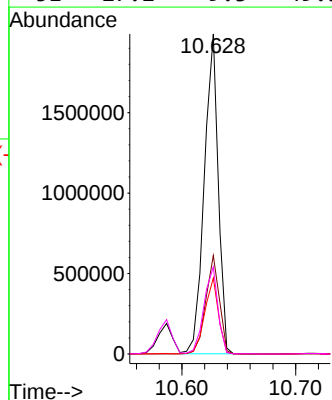
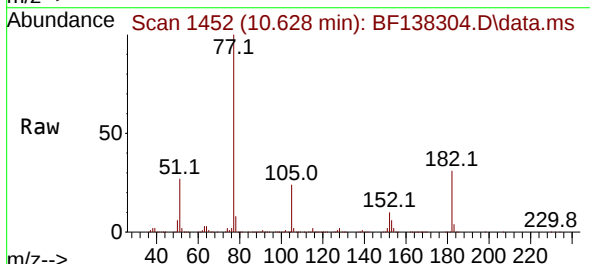
Manual Integrations
APPROVED

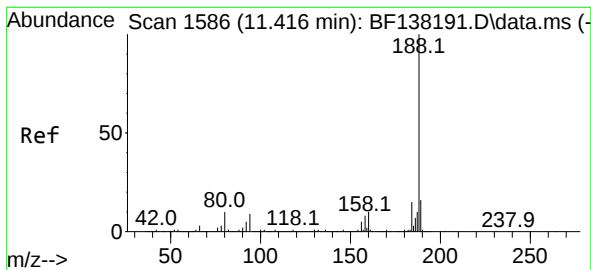
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#63
Azobenzene
Concen: 44.905 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Tgt Ion: 77 Resp: 1694345
Ion Ratio Lower Upper
77 100
182 30.8 5.5 45.5
105 23.8 1.8 41.8
51 27.2 9.3 49.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 111242
Delta R.T. -0.006 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Instrument :

BNA_F

ClientSampleId :

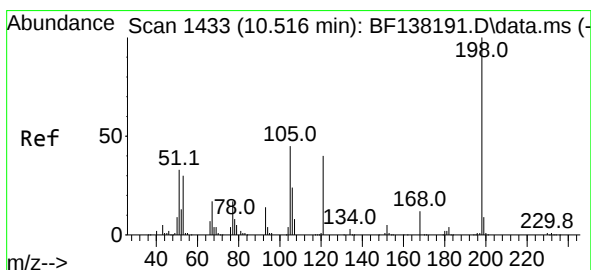
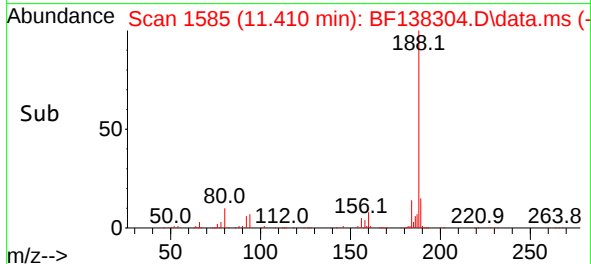
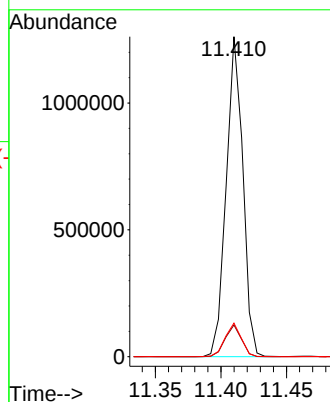
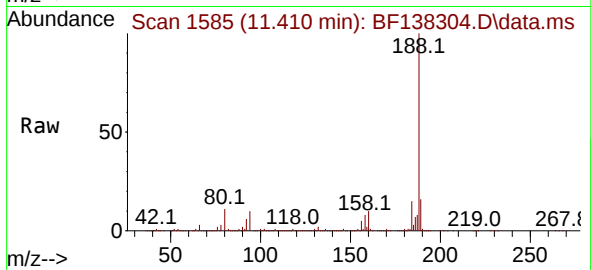
PB161624BS

Tgt Ion:188 Resp: 111242
Ion Ratio Lower Upper
188 100
94 9.9 7.6 11.4
80 10.5 8.1 12.1

Manual Integrations

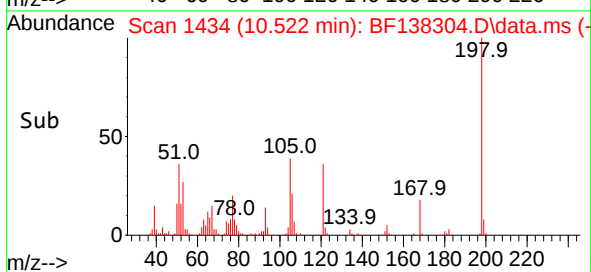
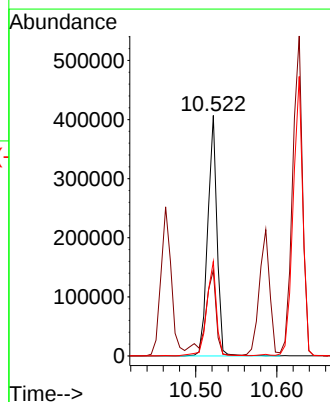
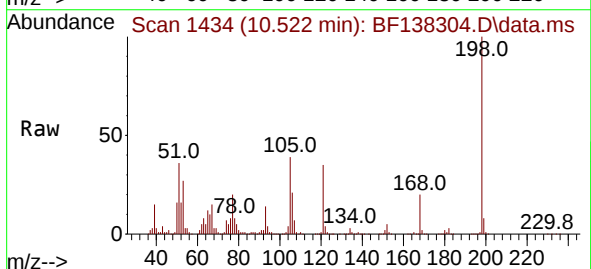
APPROVED

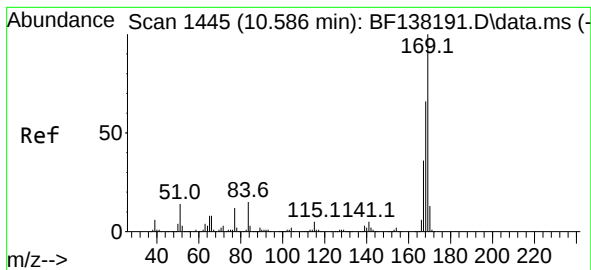
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#65
4,6-Dinitro-2-methylphenol
Concen: 55.346 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Tgt Ion:198 Resp: 320760
Ion Ratio Lower Upper
198 100
51 35.7 26.9 66.9
105 39.3 26.0 66.0





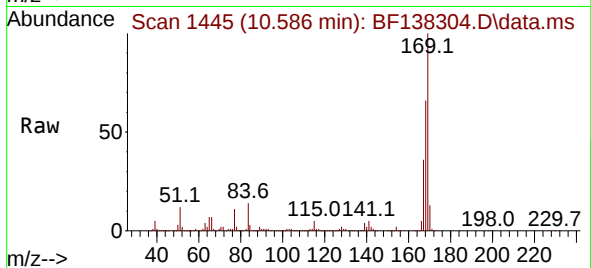
#66
n-Nitrosodiphenylamine
Concen: 46.422 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Instrument :

BNA_F

ClientSampleId :

PB161624BS



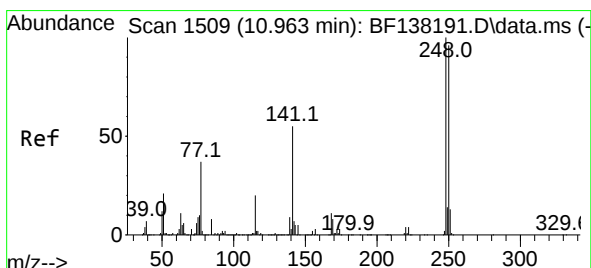
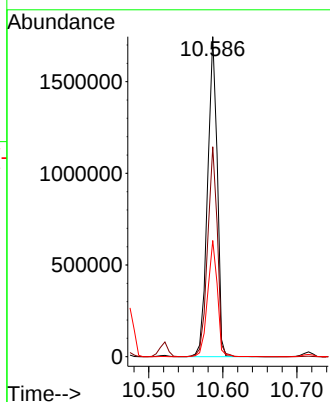
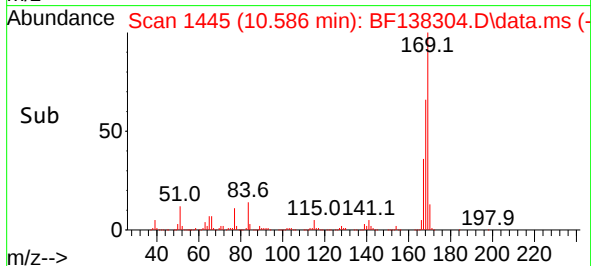
Tgt Ion:169 Resp: 158101
Ion Ratio Lower Upper
169 100
168 65.6 52.9 79.3
167 36.3 29.0 43.6

Manual Integrations

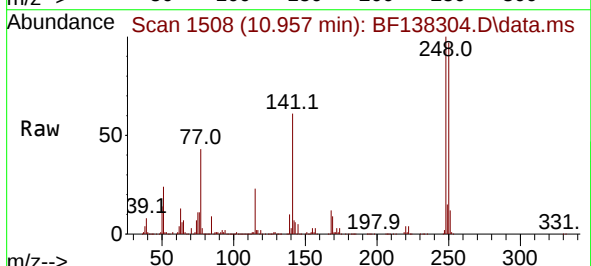
APPROVED

Reviewed By :Yogesh Patel 06/25/2024

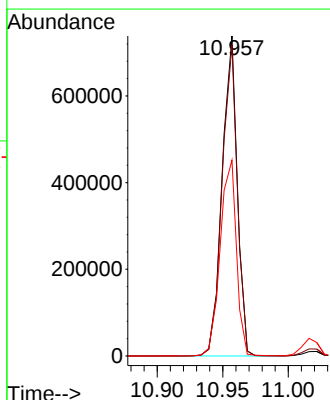
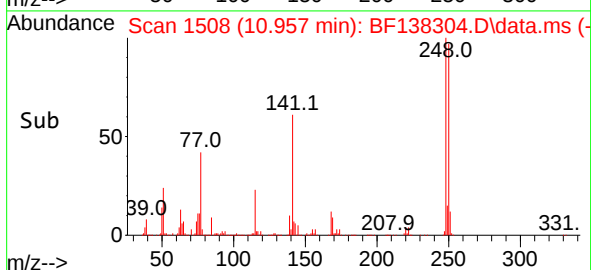
Supervised By :mohammad ahmed 06/26/2024

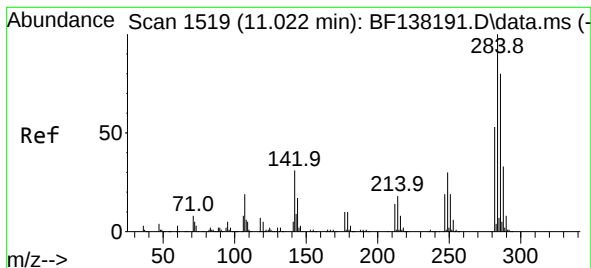


#67
4-Bromophenyl-phenylether
Concen: 47.277 ng
RT: 10.957 min Scan# 1508
Delta R.T. -0.006 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08



Tgt Ion:248 Resp: 592623
Ion Ratio Lower Upper
248 100
250 97.2 77.2 115.8
141 61.2 44.1 66.1





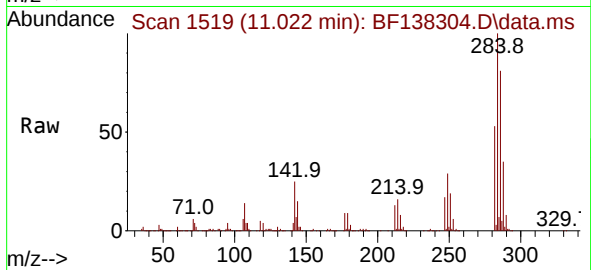
#68
Hexachlorobenzene
Concen: 45.681 ng
RT: 11.022 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Instrument :

BNA_F

ClientSampleId :

PB161624BS

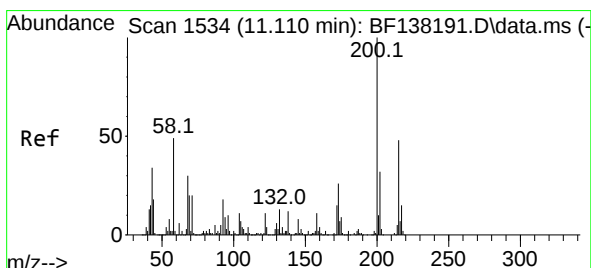
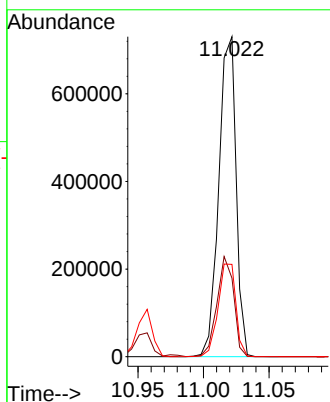
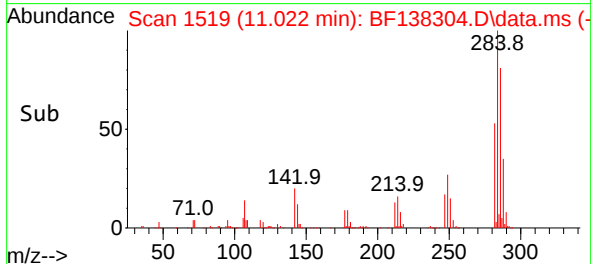


Tgt Ion:284 Resp: 668240
Ion Ratio Lower Upper
284 100
142 24.6 24.8 37.2
249 28.9 23.8 35.6

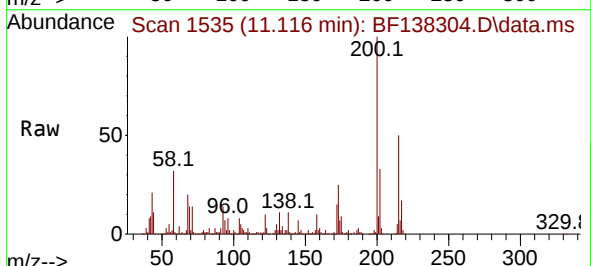
Manual Integrations

APPROVED

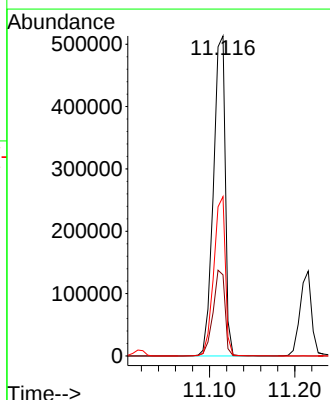
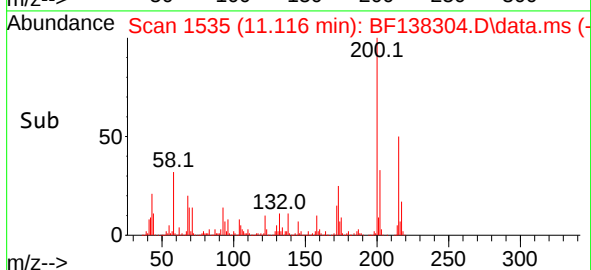
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024

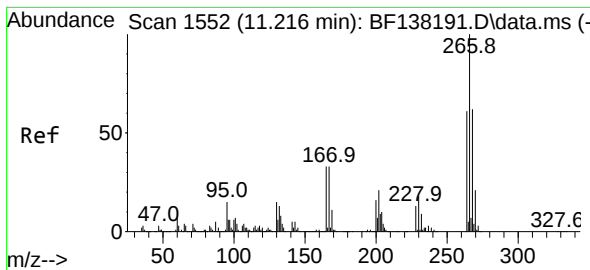


#69
Atrazine
Concen: 51.408 ng
RT: 11.116 min Scan# 1535
Delta R.T. 0.006 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08



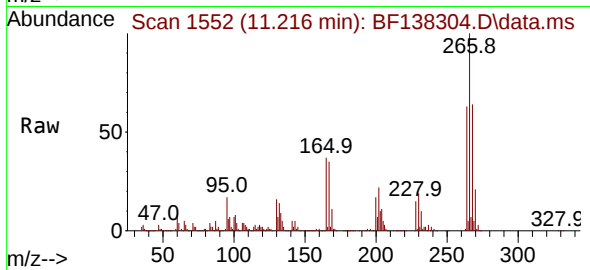
Tgt Ion:200 Resp: 498680
Ion Ratio Lower Upper
200 100
173 25.4 6.3 46.3
215 49.8 28.0 68.0





#70
Pentachlorophenol
Concen: 88.532 ng
RT: 11.216 min Scan# 1552
Delta R.T. -0.000 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

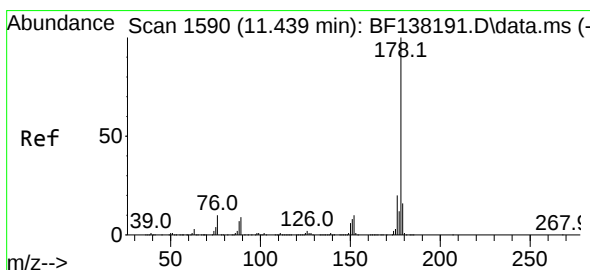
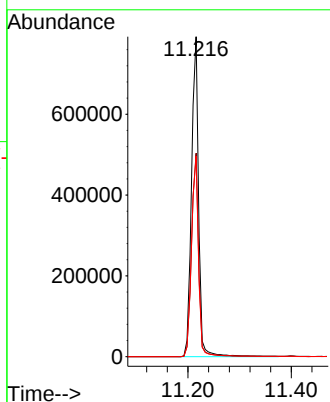
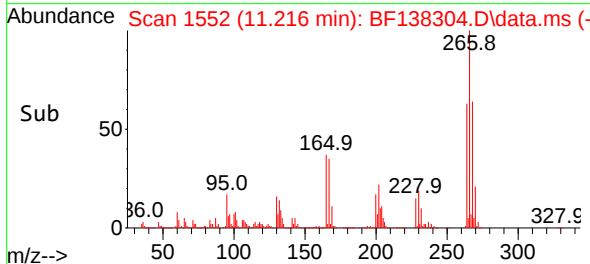
Instrument :
BNA_F
ClientSampleId :
PB161624BS



Tgt Ion:266 Resp: 755303
Ion Ratio Lower Upper
266 100
268 63.6 49.5 74.3
264 62.7 49.2 73.8

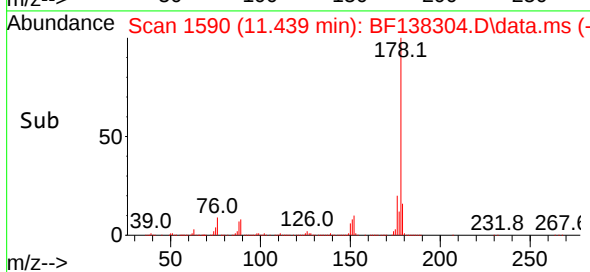
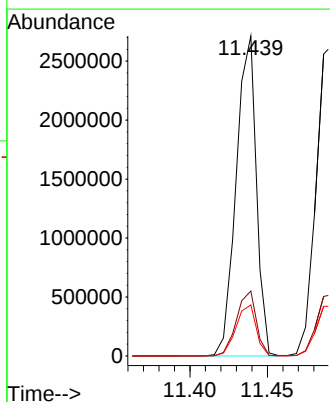
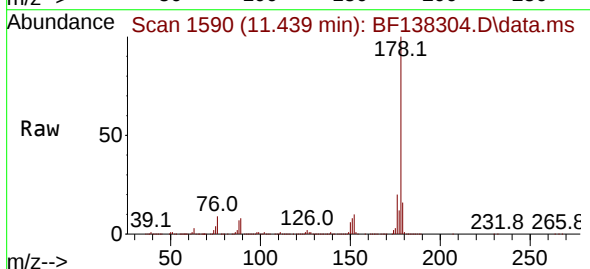
Manual Integrations
APPROVED

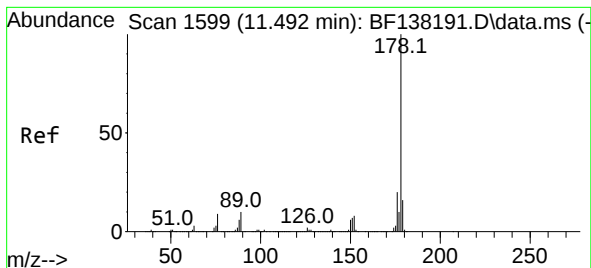
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#71
Phenanthrene
Concen: 44.642 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Tgt Ion:178 Resp: 2455889
Ion Ratio Lower Upper
178 100
176 20.3 16.4 24.6
179 15.9 13.1 19.7





#72

Anthracene

Concen: 46.096 ng

RT: 11.492 min Scan# 1599

Delta R.T. -0.000 min

Lab File: BF138304.D

Acq: 24 Jun 2024 12:08

Instrument :

BNA_F

ClientSampleId :

PB161624BS

Tgt Ion:178 Resp: 251779

Ion Ratio Lower Upper

178 100

176 19.7 15.7 23.5

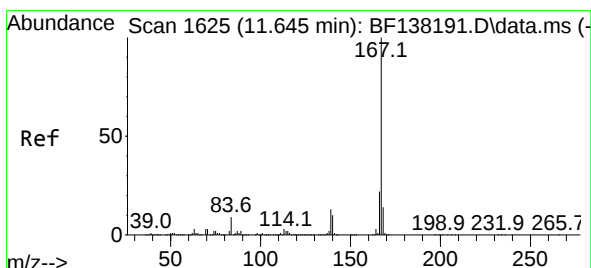
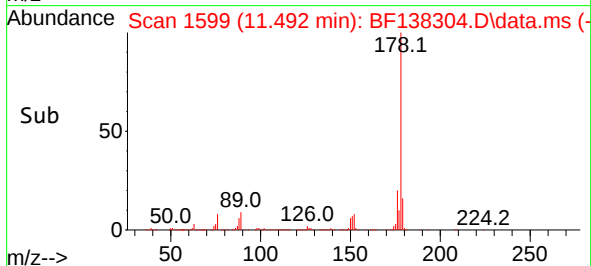
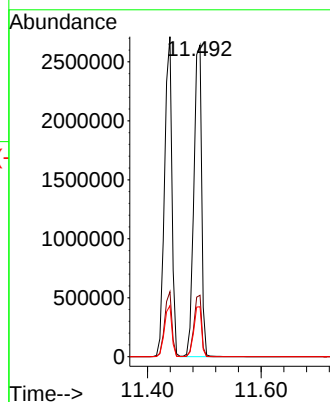
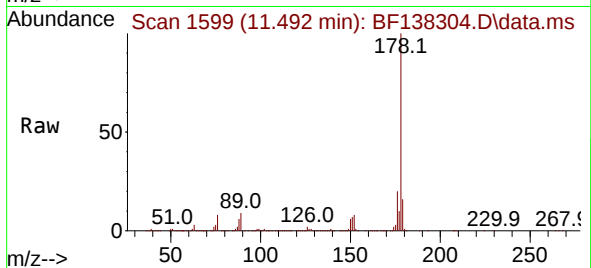
179 16.0 13.0 19.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :mohammad ahmed 06/26/2024



#73

Carbazole

Concen: 43.200 ng

RT: 11.645 min Scan# 1625

Delta R.T. -0.000 min

Lab File: BF138304.D

Acq: 24 Jun 2024 12:08

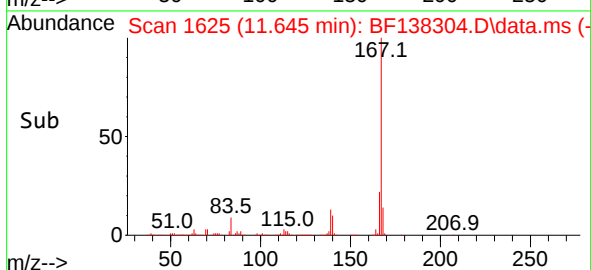
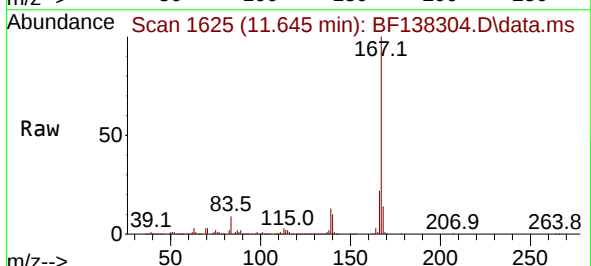
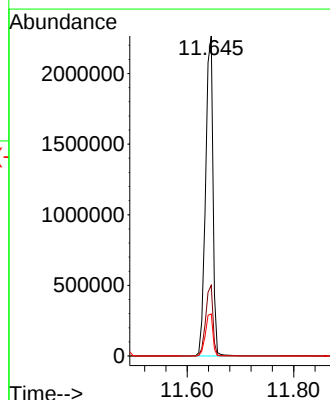
Tgt Ion:167 Resp: 2164190

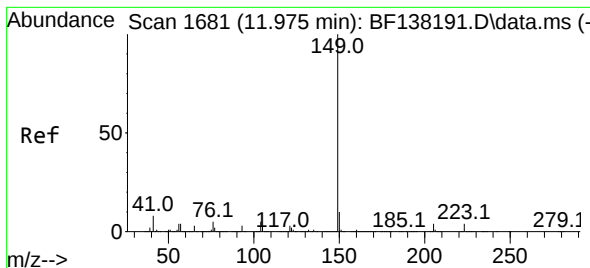
Ion Ratio Lower Upper

167 100

166 22.0 18.0 27.0

139 13.1 10.6 16.0





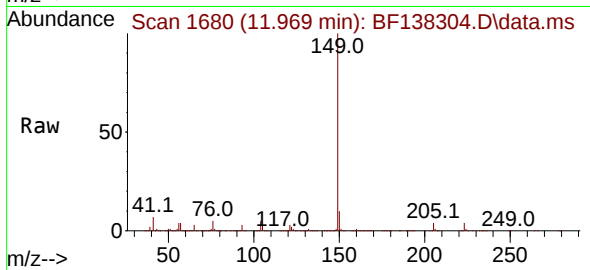
#74
Di-n-butylphthalate
Concen: 49.021 ng
RT: 11.969 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Instrument :

BNA_F

ClientSampleId :

PB161624BS



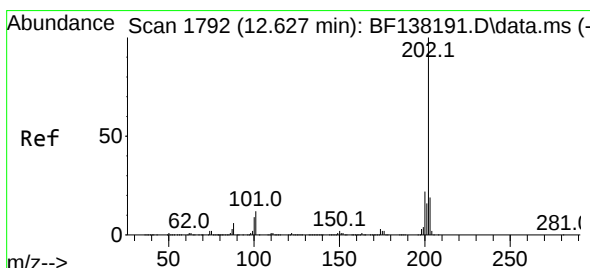
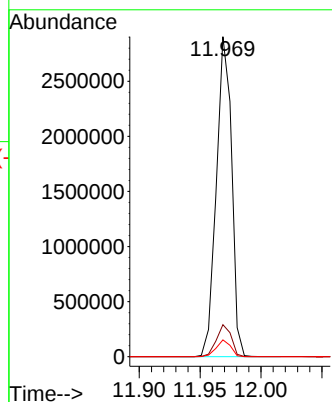
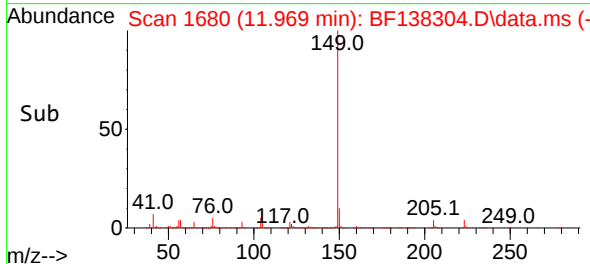
Tgt Ion:149 Resp: 2542372
Ion Ratio Lower Upper
149 100
150 10.0 8.2 12.2
104 5.3 4.1 6.1

Manual Integrations

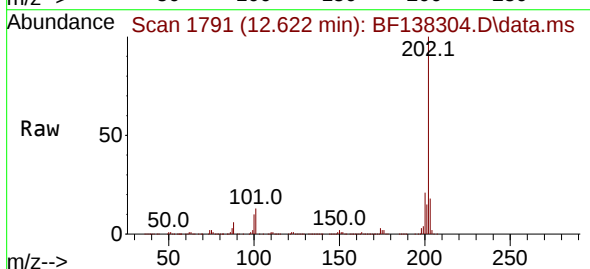
APPROVED

Reviewed By :Yogesh Patel 06/25/2024

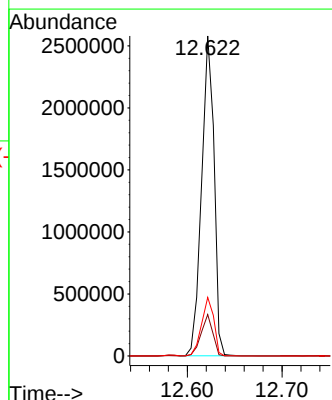
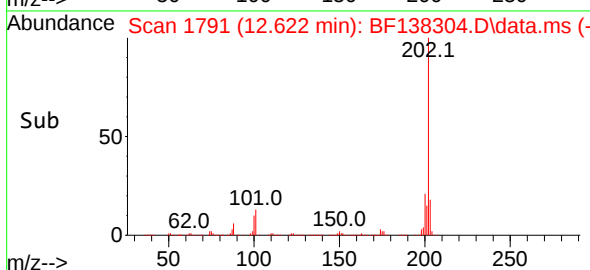
Supervised By :mohammad ahmed 06/26/2024

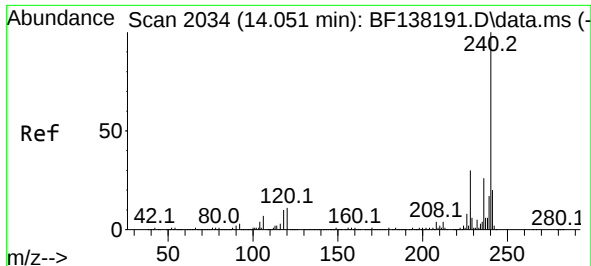


#75
Fluoranthene
Concen: 42.160 ng
RT: 12.622 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08



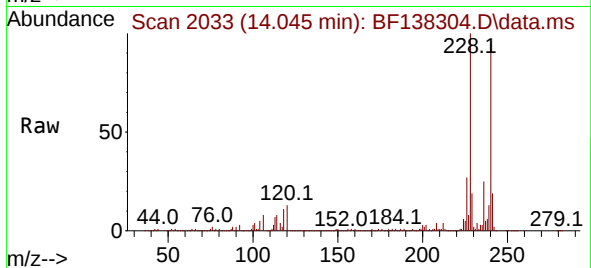
Tgt Ion:202 Resp: 2365110
Ion Ratio Lower Upper
202 100
101 13.0 0.0 31.8
203 18.3 0.0 38.6





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

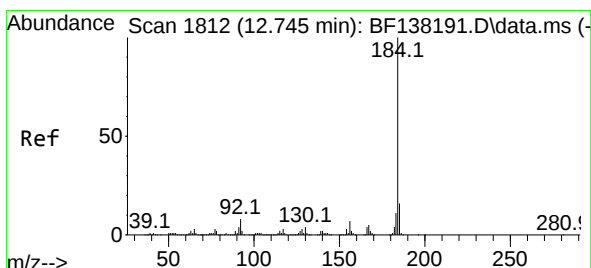
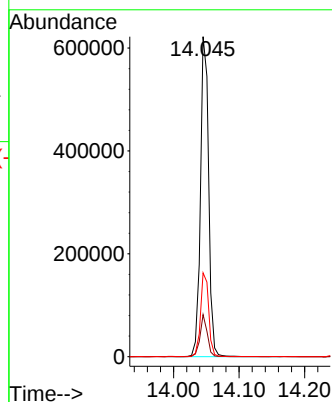
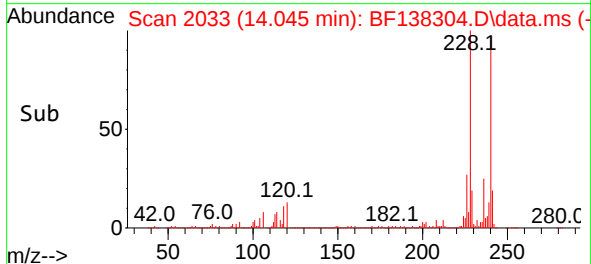
Instrument :
BNA_F
ClientSampleId :
PB161624BS



Tgt Ion:240 Resp: 540785
Ion Ratio Lower Upper
240 100
120 13.2 9.2 13.8
236 26.2 21.0 31.6

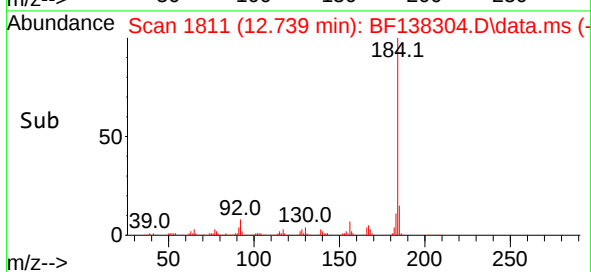
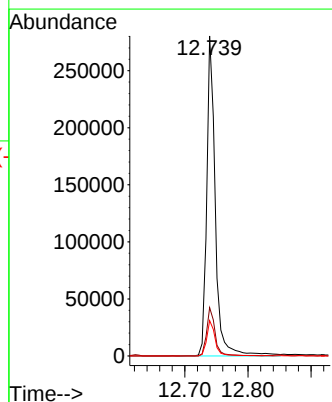
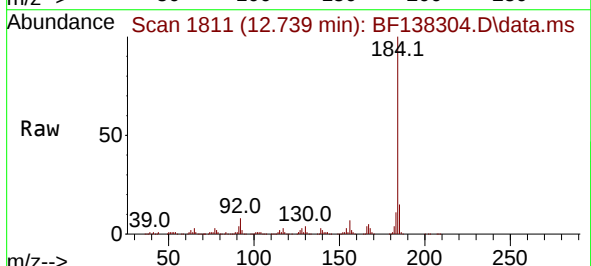
Manual Integrations
APPROVED

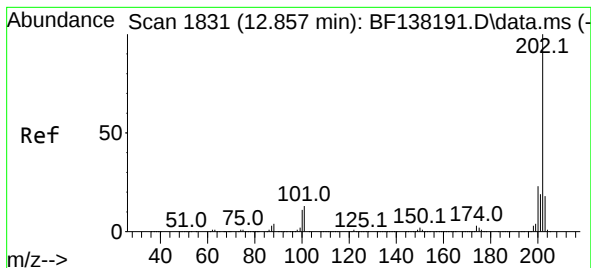
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#77
Benzidine
Concen: 42.568 ng
RT: 12.739 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Tgt Ion:184 Resp: 266269
Ion Ratio Lower Upper
184 100
185 15.1 12.6 19.0
183 11.1 9.0 13.6





#78

Pyrene

Concen: 50.247 ng

RT: 12.851 min Scan# 1830

Delta R.T. -0.006 min

Lab File: BF138304.D

Acq: 24 Jun 2024 12:08

Instrument :

BNA_F

ClientSampleId :

PB161624BS

Tgt Ion:202 Resp: 234381

Ion Ratio Lower Upper

202 100

200 22.6 18.0 27.0

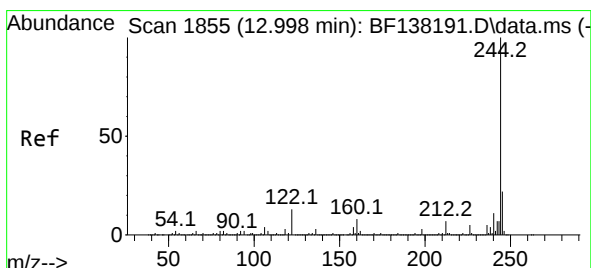
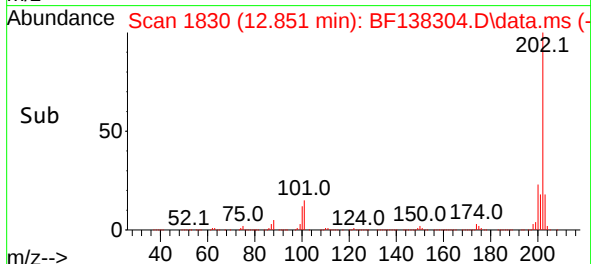
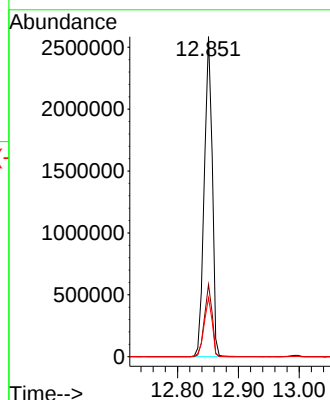
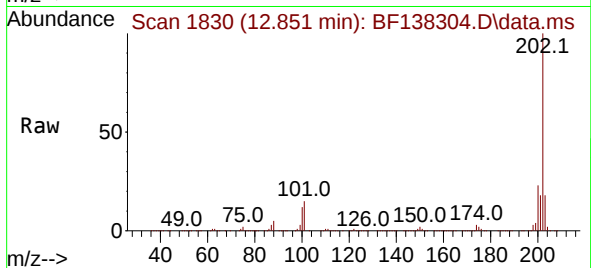
203 18.4 14.7 22.1

Manual Integrations

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Reviewed By :Yogesh Patel 06/25/2024

Supervised By :mohammad ahmed 06/26/2024



#79

Terphenyl-d14

Concen: 96.330 ng

RT: 12.998 min Scan# 1855

Delta R.T. -0.000 min

Lab File: BF138304.D

Acq: 24 Jun 2024 12:08

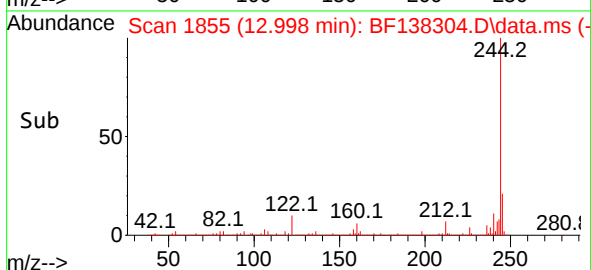
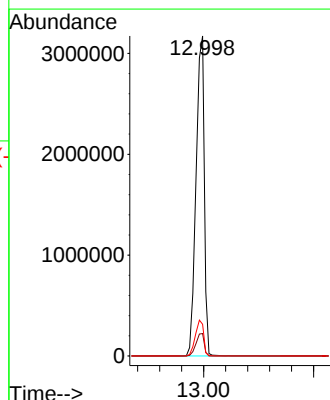
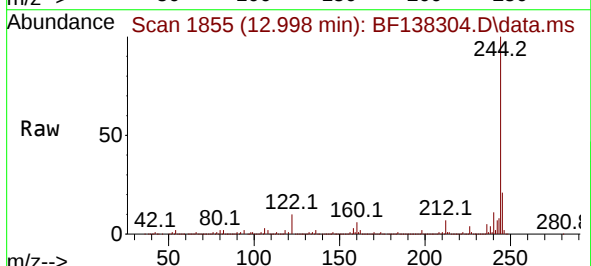
Tgt Ion:244 Resp: 3289099

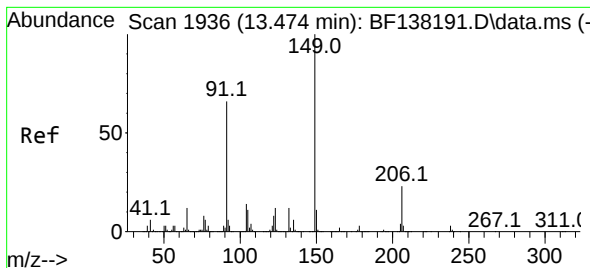
Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 9.9 10.6 15.8#





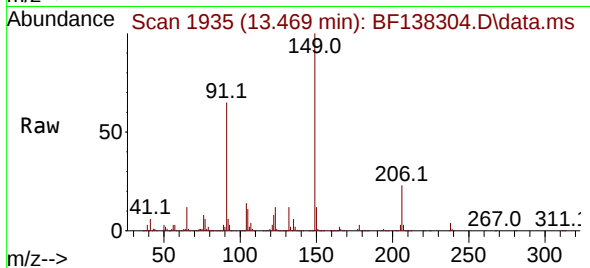
#80
Butylbenzylphthalate
Concen: 62.631 ng
RT: 13.469 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Instrument :

BNA_F

ClientSampleId :

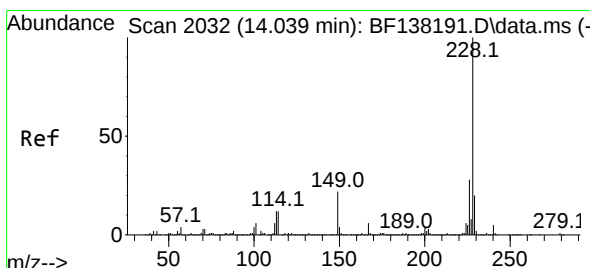
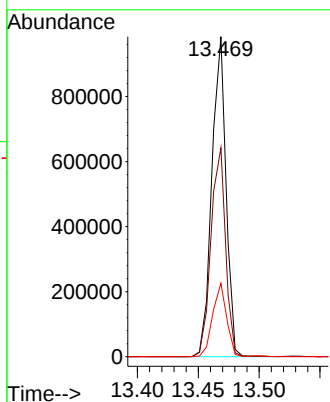
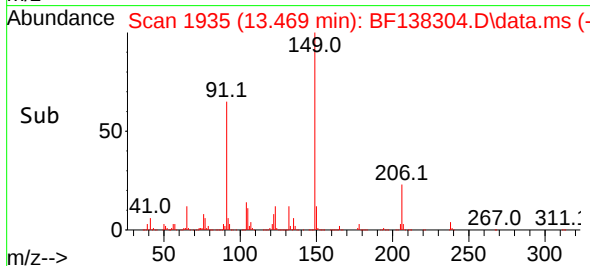
PB161624BS



Tgt Ion:149 Resp: 794668
Ion Ratio Lower Upper
149 100
91 65.2 53.2 79.8
206 23.0 18.6 27.8

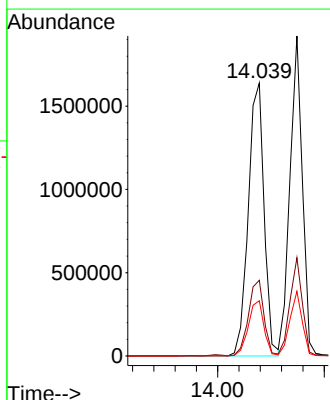
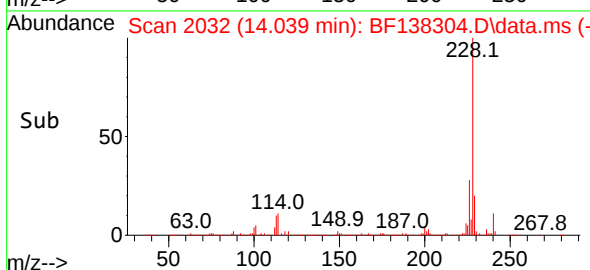
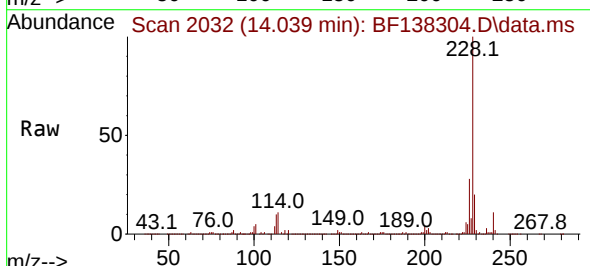
Manual Integrations
APPROVED

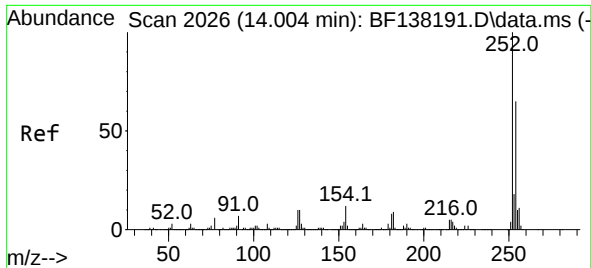
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#81
Benzo(a)anthracene
Concen: 48.708 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Tgt Ion:228 Resp: 1689888
Ion Ratio Lower Upper
228 100
226 27.7 22.5 33.7
229 20.2 16.3 24.5





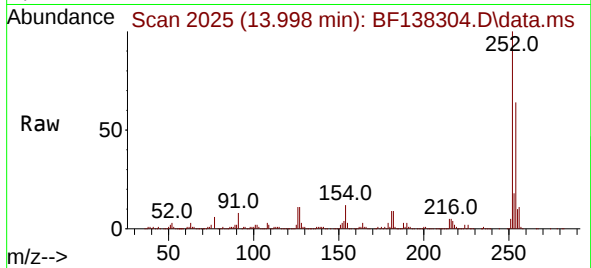
#82
3,3'-Dichlorobenzidine
Concen: 39.996 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Instrument :

BNA_F

ClientSampleId :

PB161624BS

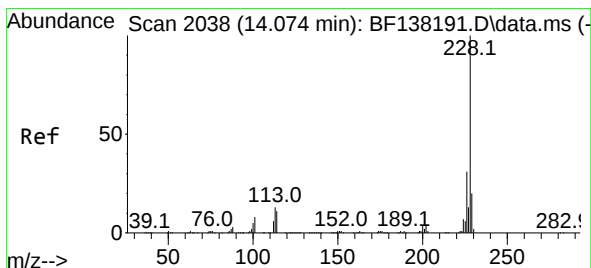
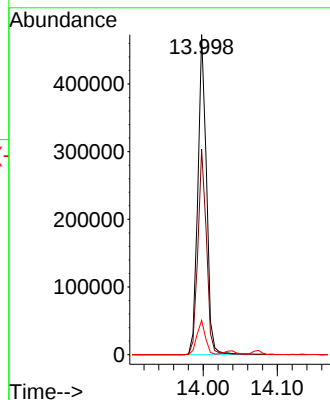
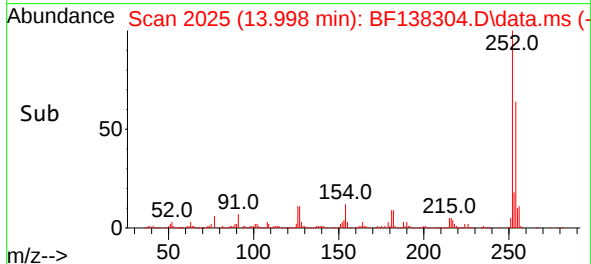


Tgt Ion:252 Resp: 38212
Ion Ratio Lower Upper
252 100
254 64.2 51.8 77.6
126 10.7 8.3 12.5

Manual Integrations

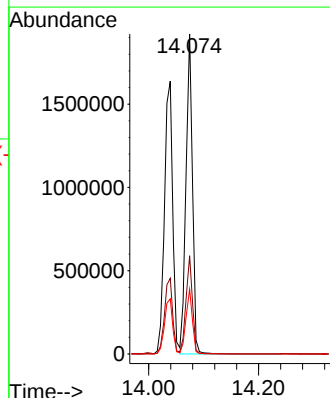
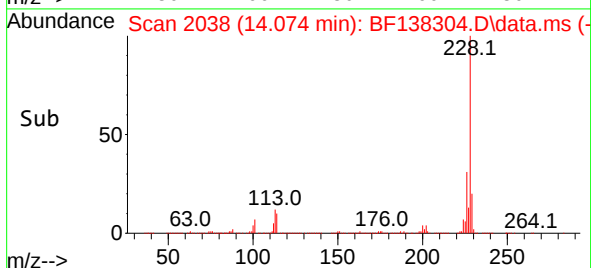
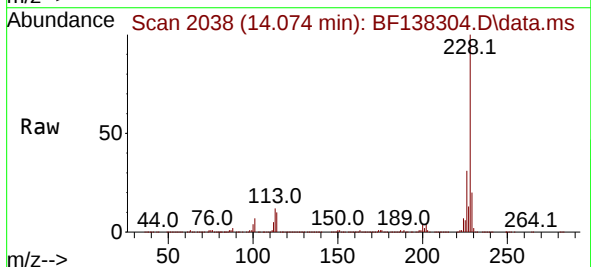
APPROVED

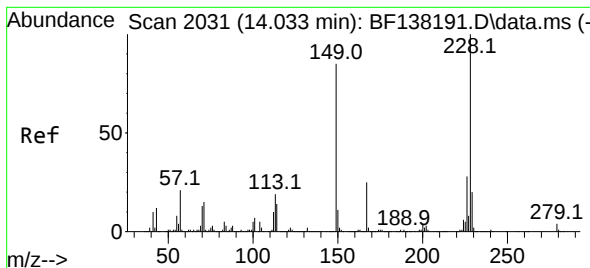
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#83
Chrysene
Concen: 47.691 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.000 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Tgt Ion:228 Resp: 1577110
Ion Ratio Lower Upper
228 100
226 30.7 24.5 36.7
229 20.2 16.3 24.5





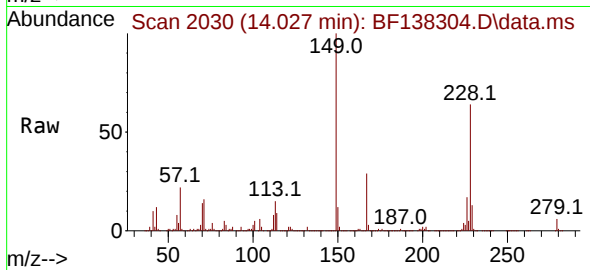
#84
Bis(2-ethylhexyl)phthalate
Concen: 64.852 ng
RT: 14.027 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Instrument :

BNA_F

ClientSampleId :

PB161624BS

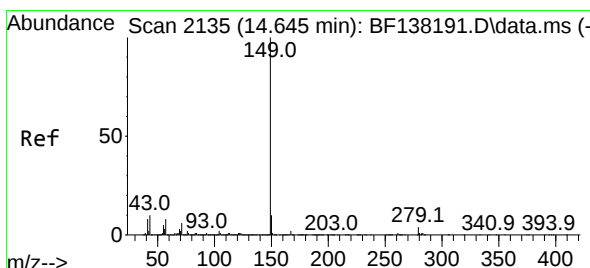
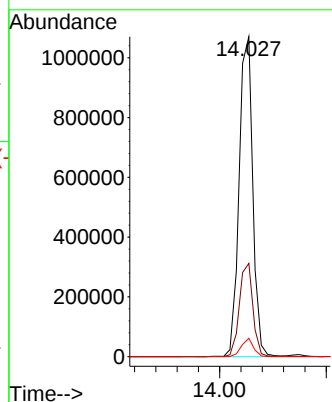
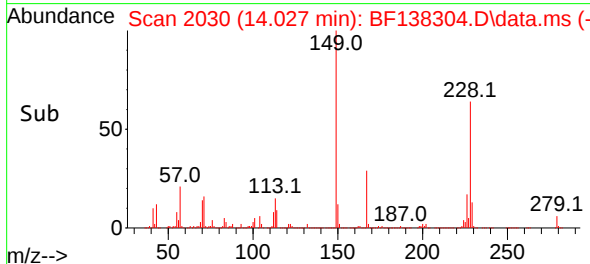


Tgt Ion:149 Resp: 957010
Ion Ratio Lower Upper
149 100
167 29.1 23.5 35.3
279 5.7 4.2 6.2

Manual Integrations

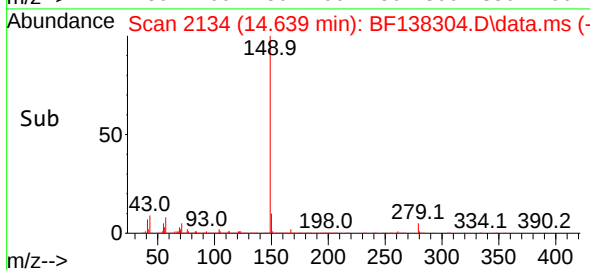
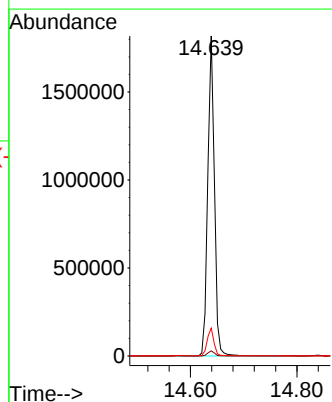
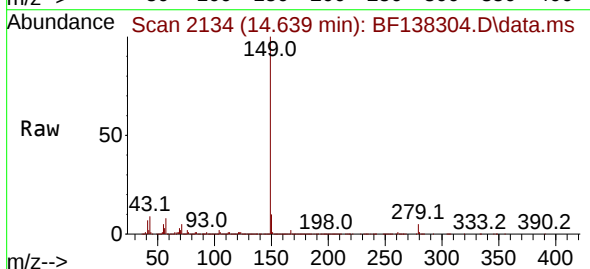
APPROVED

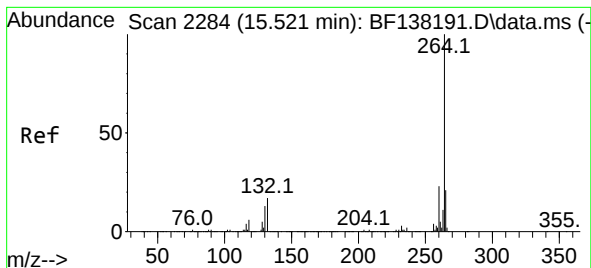
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#85
Di-n-octyl phthalate
Concen: 72.143 ng
RT: 14.639 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Tgt Ion:149 Resp: 1581591
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.7 7.8 11.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138304.D

Acq: 24 Jun 2024 12:08

Instrument :

BNA_F

ClientSampleId :

PB161624BS

Tgt Ion:264 Resp: 592660

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

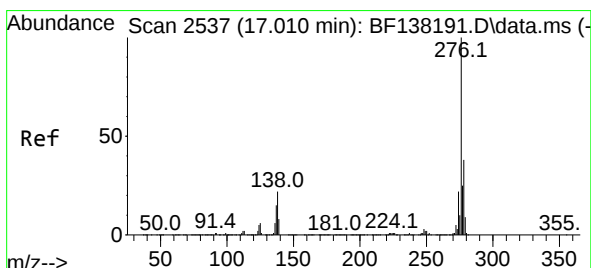
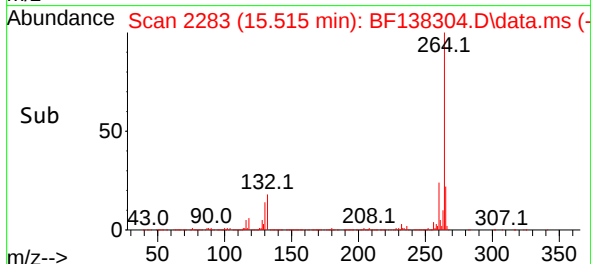
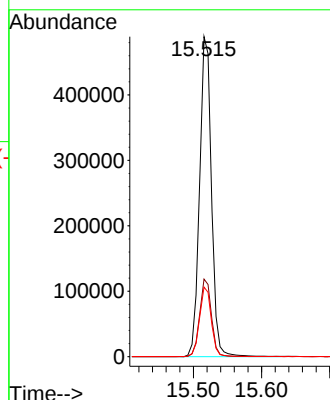
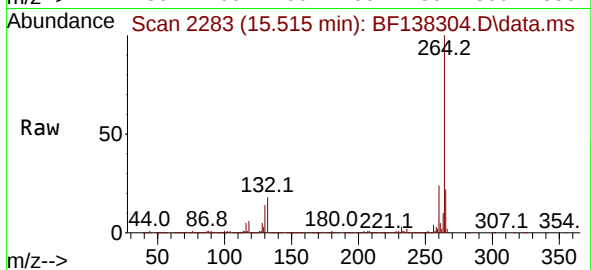
265 21.7 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :mohammad ahmed 06/26/2024



#87

Indeno(1,2,3-cd)pyrene

Concen: 56.380 ng

RT: 17.009 min Scan# 2537

Delta R.T. -0.000 min

Lab File: BF138304.D

Acq: 24 Jun 2024 12:08

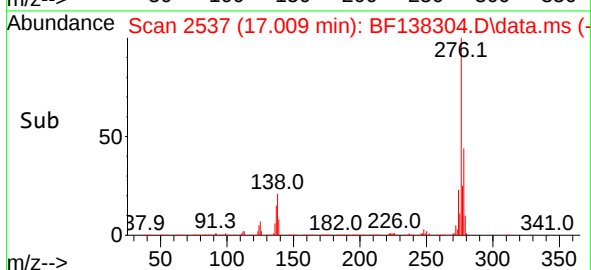
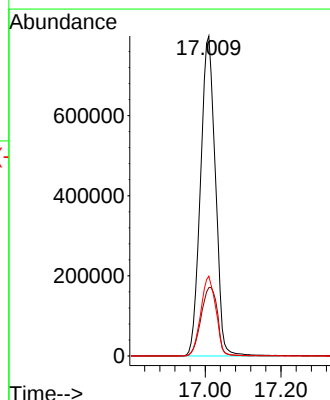
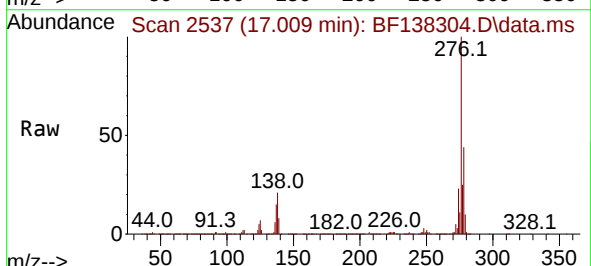
Tgt Ion:276 Resp: 2178318

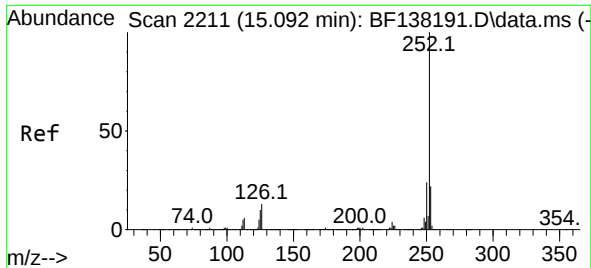
Ion Ratio Lower Upper

276 100

138 23.7 19.3 28.9

277 25.3 20.2 30.2





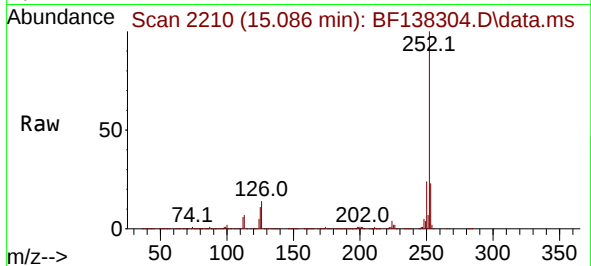
#88
Benzo(b)fluoranthene
Concen: 47.285 ng
RT: 15.086 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08

Instrument :

BNA_F

ClientSampleId :

PB161624BS

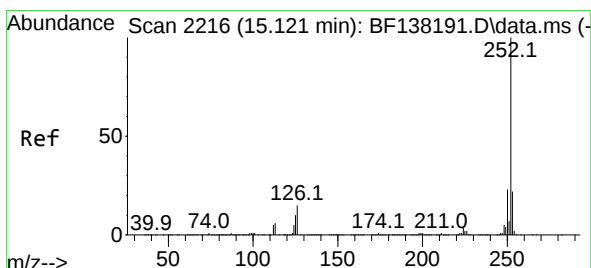
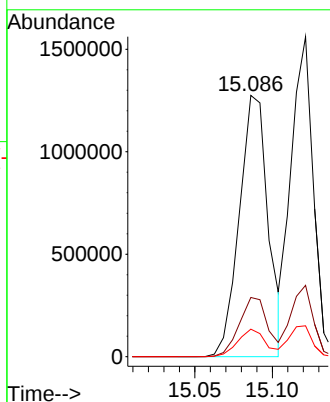
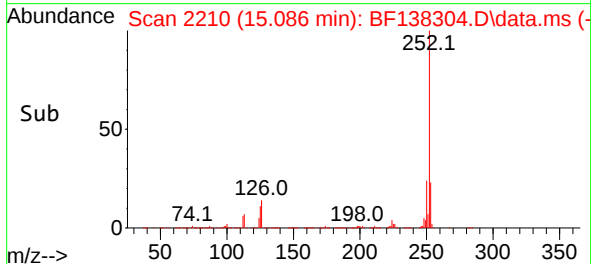


Tgt Ion:252 Resp: 1652610
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 10.5 7.8 11.8

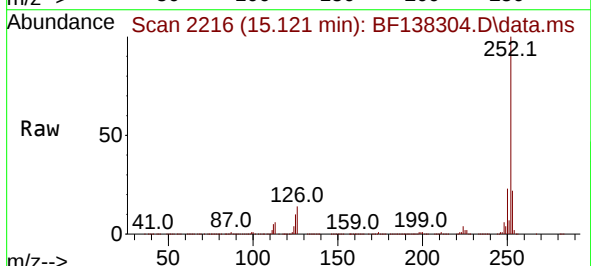
Manual Integrations

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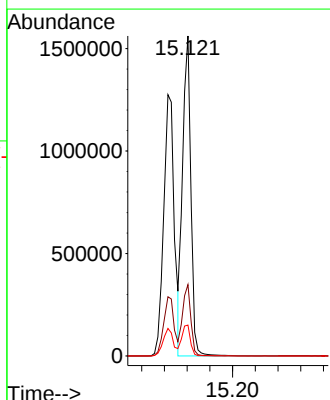
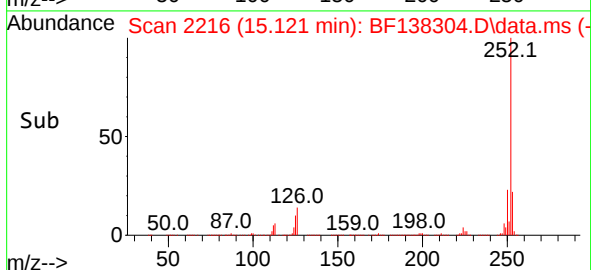
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024

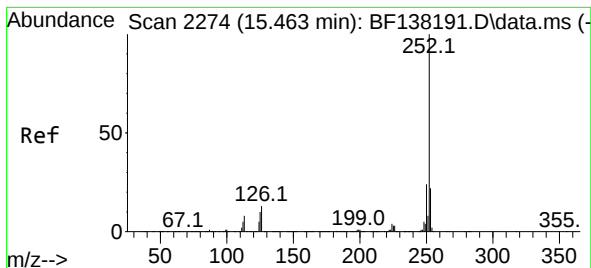


#89
Benzo(k)fluoranthene
Concen: 46.009 ng
RT: 15.121 min Scan# 2216
Delta R.T. -0.000 min
Lab File: BF138304.D
Acq: 24 Jun 2024 12:08



Tgt Ion:252 Resp: 1575920
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 9.7 8.0 12.0





#90

Benzo(a)pyrene

Concen: 51.417 ng

RT: 15.457 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138304.D

Acq: 24 Jun 2024 12:08

Instrument :

BNA_F

ClientSampleId :

PB161624BS

Tgt Ion:252 Resp: 154384

Ion Ratio Lower Upper

252 100

253 22.7 17.7 26.5

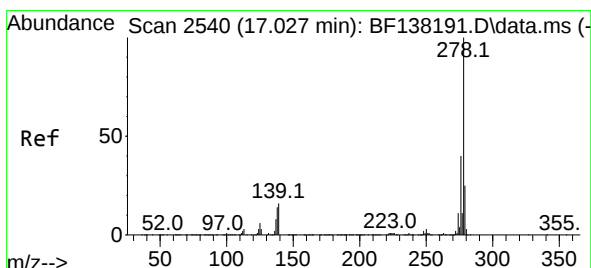
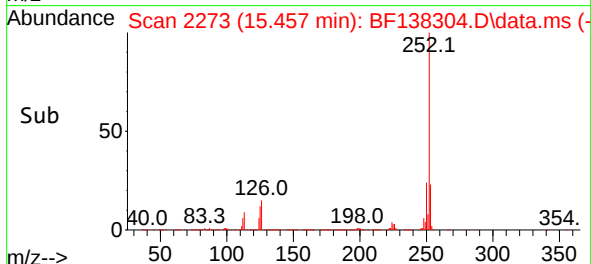
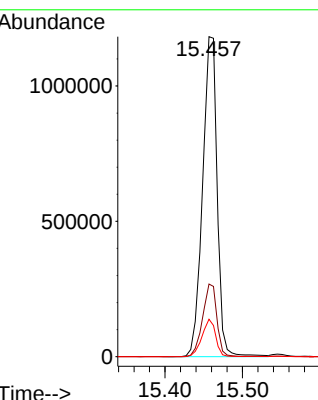
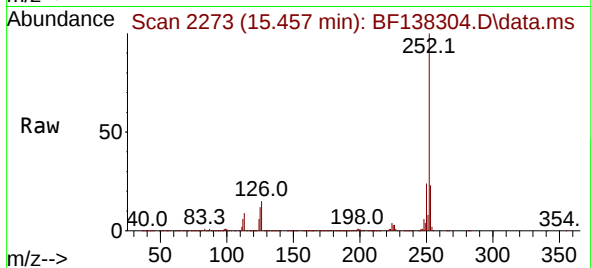
125 11.7 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :mohammad ahmed 06/26/2024



#91

Dibenzo(a,h)anthracene

Concen: 55.792 ng

RT: 17.027 min Scan# 2540

Delta R.T. -0.000 min

Lab File: BF138304.D

Acq: 24 Jun 2024 12:08

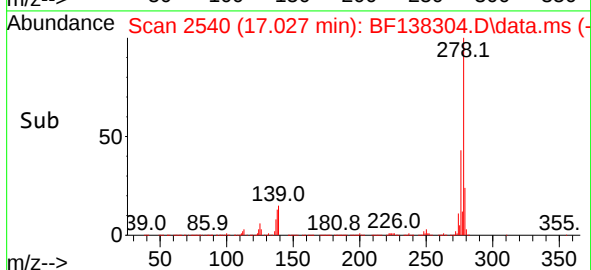
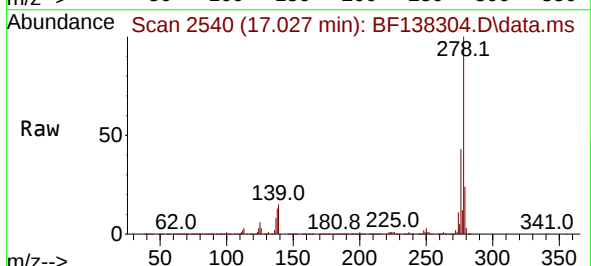
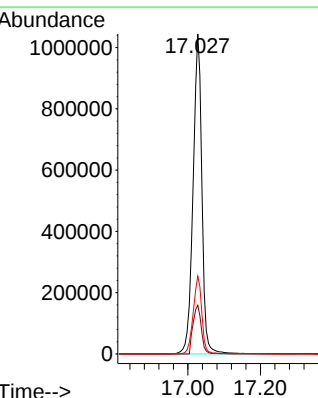
Tgt Ion:278 Resp: 1769318

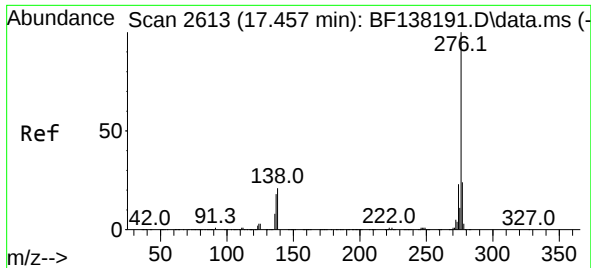
Ion Ratio Lower Upper

278 100

139 15.3 12.9 19.3

279 24.3 19.9 29.9





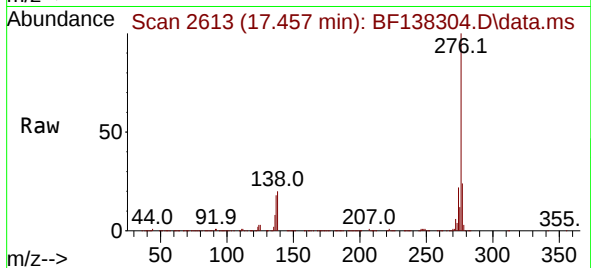
#92
 Benzo(g,h,i)perylene
 Concen: 51.741 ng
 RT: 17.457 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: BF138304.D
 Acq: 24 Jun 2024 12:08

Instrument :

BNA_F

ClientSampleId :

PB161624BS



Tgt Ion:276 Resp: 1697469
 Ion Ratio Lower Upper
 276 100
 277 23.9 19.5 29.3
 138 20.4 16.6 24.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :mohammad ahmed 06/26/2024

