

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032324\
 Data File : BM044736.D
 Acq On : 22 Mar 2024 16:01
 Operator : MA/JU
 Sample : PB159733BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB159733BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/26/2024
 Supervised By :mohammad ahmed 03/26/2024

Quant Time: Mar 22 16:39:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 02:28:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.686	152	208132	20.000	ng	-0.02
21) Naphthalene-d8	10.463	136	795636	20.000	ng	-0.02
39) Acenaphthene-d10	14.333	164	409352	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	772036	20.000	ng	-0.02
76) Chrysene-d12	21.286	240	662944	20.000	ng	-0.02
86) Perylene-d12	23.527	264	720094	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1924873	132.786	ng	0.00
7) Phenol-d6	6.875	99	2316965	124.239	ng	0.00
23) Nitrobenzene-d5	8.851	82	1434548	86.862	ng	-0.01
42) 2,4,6-Tribromophenol	15.833	330	632867	140.170	ng	-0.01
45) 2-Fluorobiphenyl	12.951	172	2645454	89.003	ng	-0.02
79) Terphenyl-d14	19.733	244	3362274	88.722	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.299	88	224922	36.914	ng	# 95
3) Pyridine	3.681	79	545244	32.359	ng	96
4) n-Nitrosodimethylamine	3.610	42	310854	46.034	ng	88
6) Aniline	7.034	93	352636	15.965	ng	99
8) 2-Chlorophenol	7.257	128	672443	46.572	ng	100
9) Benzaldehyde	6.851	77	228082m	23.351	ng	
10) Phenol	6.904	94	845898	45.417	ng	98
11) bis(2-Chloroethyl)ether	7.134	93	673721	44.303	ng	98
12) 1,3-Dichlorobenzene	7.575	146	719553	46.348	ng	98
13) 1,4-Dichlorobenzene	7.722	146	730258	46.670	ng	99
14) 1,2-Dichlorobenzene	8.034	146	699258	46.861	ng	99
15) Benzyl Alcohol	7.939	79	555026	45.268	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.210	45	964575m	45.750	ng	
17) 2-Methylphenol	8.134	107	530714	41.781	ng	98
18) Hexachloroethane	8.745	117	281467	48.658	ng	99
19) n-Nitroso-di-n-propyla...	8.498	70	438136	38.469	ng	95
20) 3+4-Methylphenols	8.463	107	719999	42.003	ng	98
22) Acetophenone	8.516	105	955882	45.730	ng	# 97
24) Nitrobenzene	8.892	77	723930	44.343	ng	100
25) Isophorone	9.410	82	1291700	45.331	ng	100
26) 2-Nitrophenol	9.592	139	337267	47.876	ng	98
27) 2,4-Dimethylphenol	9.651	122	471299	38.043	ng	100
28) bis(2-Chloroethoxy)met...	9.898	93	817900	43.224	ng	99
29) 2,4-Dichlorophenol	10.116	162	550130	46.592	ng	99
30) 1,2,4-Trichlorobenzene	10.328	180	585369	46.602	ng	100
31) Naphthalene	10.516	128	1926214	44.113	ng	100
32) Benzoic acid	9.810	122	373516	38.550	ng	97
33) 4-Chloroaniline	10.639	127	312004	17.032	ng	99
34) Hexachlorobutadiene	10.780	225	332665	47.500	ng	100
35) Caprolactam	11.451	113	166092m	43.609	ng	
36) 4-Chloro-3-methylphenol	11.769	107	566946	43.758	ng	99
37) 2-Methylnaphthalene	12.133	142	1217846	41.092	ng	98
38) 1-Methylnaphthalene	12.357	142	1161049	42.035	ng	99
40) 1,2,4,5-Tetrachloroben...	12.504	216	572607	49.292	ng	99
41) Hexachlorocyclopentadiene	12.469	237	697923	105.462	ng	98
43) 2,4,6-Trichlorophenol	12.751	196	387709	49.428	ng	99

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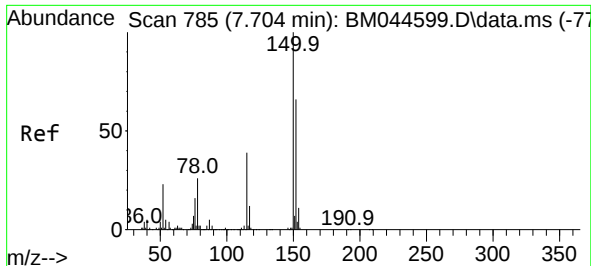
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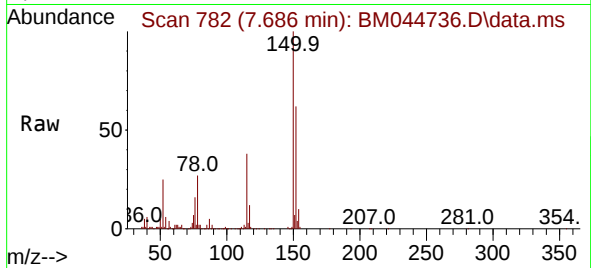
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.827	196	412913	44.426	ng	# 94
46) 1,1'-Biphenyl	13.163	154	1500644	46.872	ng	99
47) 2-Chloronaphthalene	13.198	162	1145795	48.397	ng	99
48) 2-Nitroaniline	13.421	65	379605	47.256	ng	99
49) Acenaphthylene	14.051	152	1883993	48.850	ng	100
50) Dimethylphthalate	13.804	163	1353083	44.192	ng	99
51) 2,6-Dinitrotoluene	13.927	165	290490	45.559	ng	97
52) Acenaphthene	14.398	154	1051484	45.101	ng	99
53) 3-Nitroaniline	14.257	138	234528	31.412	ng	99
54) 2,4-Dinitrophenol	14.468	184	357062	85.278	ng	98
55) Dibenzofuran	14.733	168	1644277	44.438	ng	98
56) 4-Nitrophenol	14.574	139	576583	94.031	ng	96
57) 2,4-Dinitrotoluene	14.721	165	398703	47.856	ng	94
58) Fluorene	15.386	166	1295087	44.945	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.963	232	333730	46.248	ng	99
60) Diethylphthalate	15.174	149	1371565	44.251	ng	100
61) 4-Chlorophenyl-phenyle...	15.386	204	616900	44.596	ng	100
62) 4-Nitroaniline	15.427	138	324275m	43.480	ng	
63) Azobenzene	15.680	77	1453265	45.359	ng	97
65) 4,6-Dinitro-2-methylph...	15.480	198	213595	44.116	ng	100
66) n-Nitrosodiphenylamine	15.610	169	1098796	45.667	ng	98
67) 4-Bromophenyl-phenylether	16.286	248	365272	45.741	ng	99
68) Hexachlorobenzene	16.380	284	417456	49.178	ng	98
69) Atrazine	16.568	200	310738	41.329	ng	98
70) Pentachlorophenol	16.733	266	569106	93.204	ng	99
71) Phenanthrene	17.127	178	1928381	45.199	ng	100
72) Anthracene	17.221	178	1934726	45.214	ng	100
73) Carbazole	17.498	167	1842809	45.726	ng	99
74) Di-n-butylphthalate	18.068	149	2366741	45.576	ng	99
75) Fluoranthene	19.150	202	2121752	44.488	ng	99
77) Benzidine	19.356	184	494860	28.882	ng	99
78) Pyrene	19.515	202	2242961	46.162	ng	100
80) Butylbenzylphthalate	20.439	149	1043122	47.636	ng	98
81) Benzo(a)anthracene	21.274	228	2126741	46.106	ng	99
82) 3,3'-Dichlorobenzidine	21.215	252	617539	38.872	ng	100
83) Chrysene	21.327	228	1984068	45.013	ng	99
84) Bis(2-ethylhexyl)phtha...	21.215	149	1541320	46.721	ng	98
85) Di-n-octyl phthalate	22.103	149	2674083	46.730	ng	100
87) Indeno(1,2,3-cd)pyrene	25.791	276	2508865	48.195	ng	98
88) Benzo(b)fluoranthene	22.856	252	2162233	51.095	ng	99
89) Benzo(k)fluoranthene	22.903	252	2042512	46.950	ng	99
90) Benzo(a)pyrene	23.433	252	1931994	46.807	ng	99
91) Dibenzo(a,h)anthracene	25.809	278	2097189	47.787	ng	98
92) Benzo(g,h,i)perylene	26.485	276	1995583	46.193	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.686 min Scan# 71
Delta R.T. -0.018 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

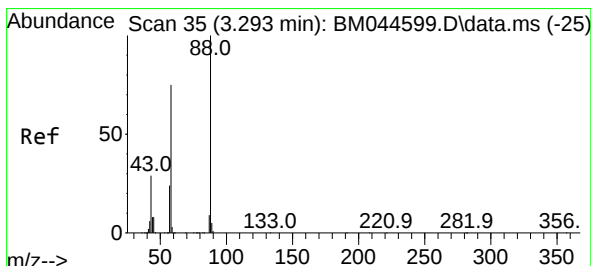
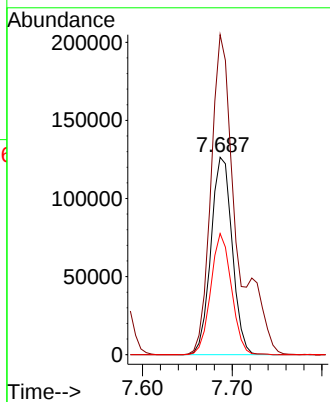
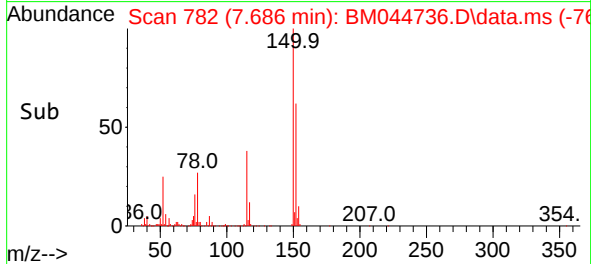
Instrument :
BNA_M
ClientSampleId :
PB159733BS



Tgt Ion:152 Resp: 20813
Ion Ratio Lower Upper
152 100
150 162.1 121.9 182.9
115 61.4 47.1 70.7

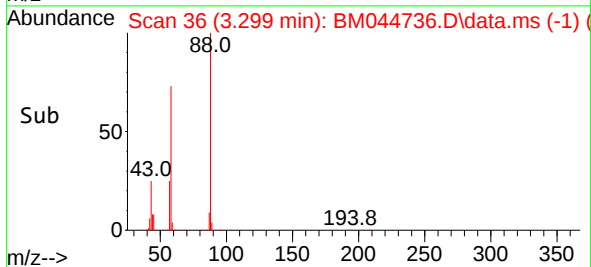
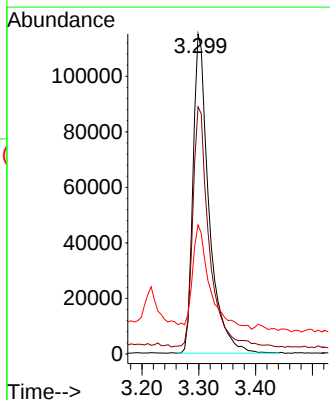
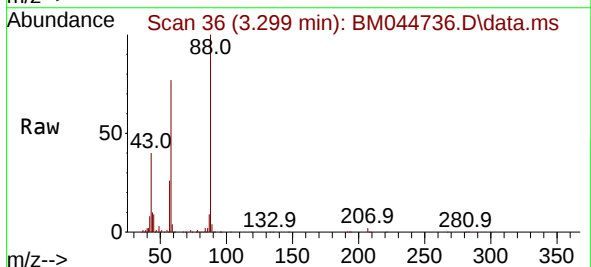
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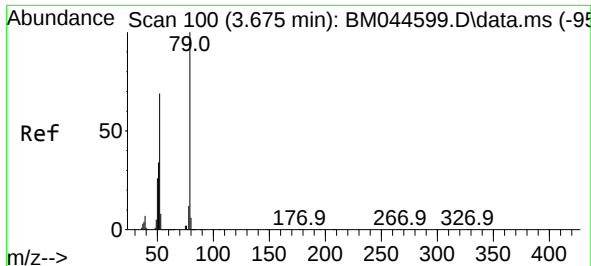
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#2
1,4-Dioxane
Concen: 36.914 ng
RT: 3.299 min Scan# 36
Delta R.T. 0.006 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

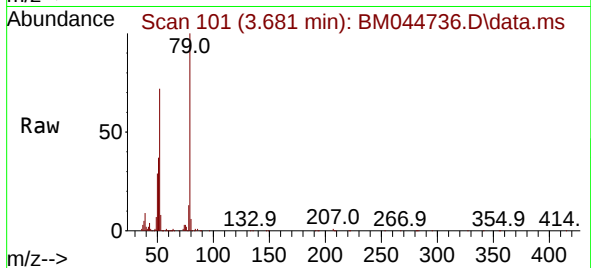
Tgt Ion: 88 Resp: 224922
Ion Ratio Lower Upper
88 100
58 77.3 60.2 90.2
43 35.4 23.5 35.3#





#3
Pyridine
Concen: 32.359 ng
RT: 3.681 min Scan# 10
Delta R.T. 0.006 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

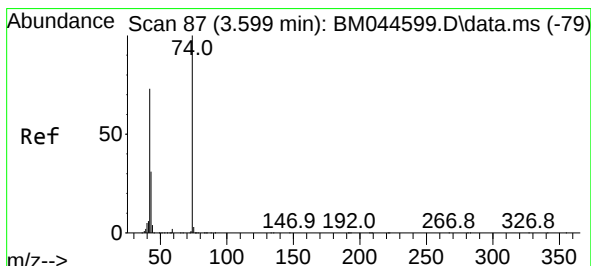
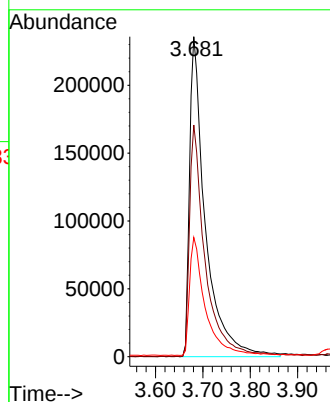
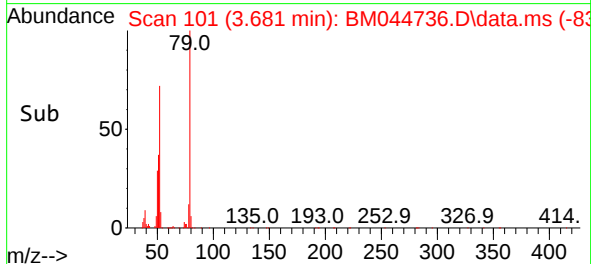
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BNA_M
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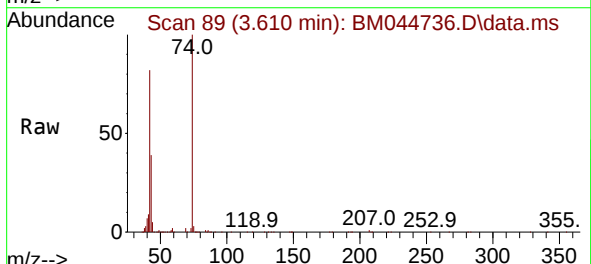
Tgt Ion: 79 Resp: 54524
Ion Ratio Lower Upper
79 100
52 72.4 55.5 83.3
51 37.3 27.7 41.5

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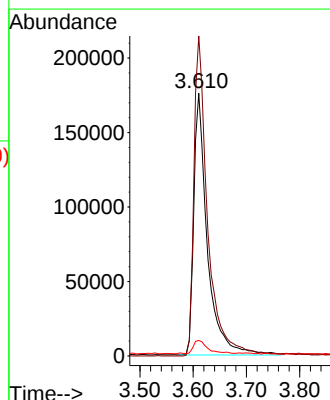
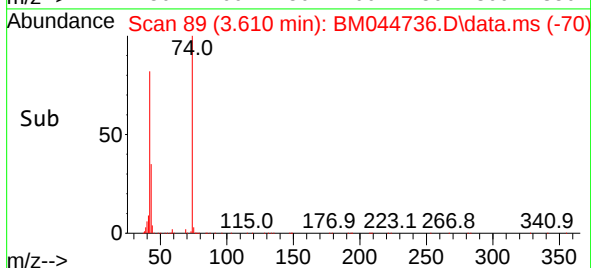
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

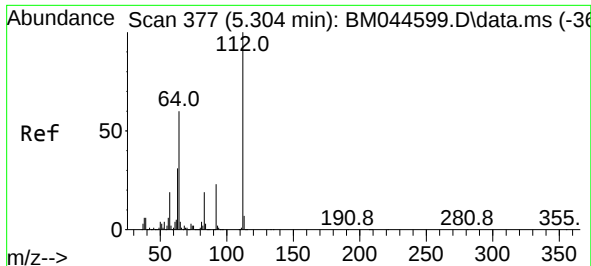


#4
n-Nitrosodimethylamine
Concen: 46.034 ng
RT: 3.610 min Scan# 89
Delta R.T. 0.012 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01



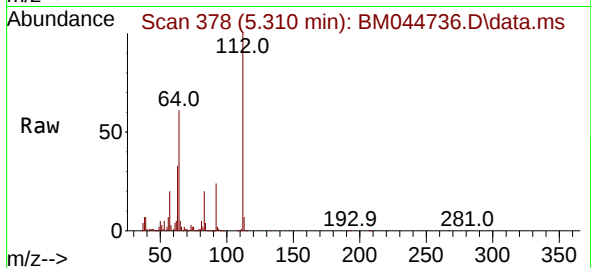
Tgt Ion: 42 Resp: 310854
Ion Ratio Lower Upper
42 100
74 121.8 109.7 164.5
44 5.9 5.4 8.0





#5
2-Fluorophenol
Concen: 132.786 ng
RT: 5.310 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

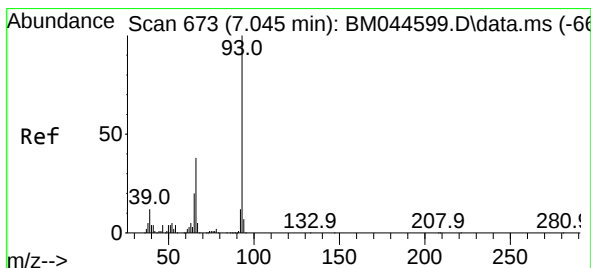
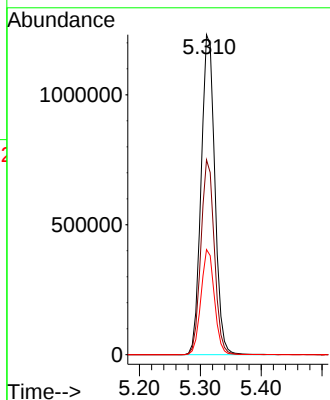
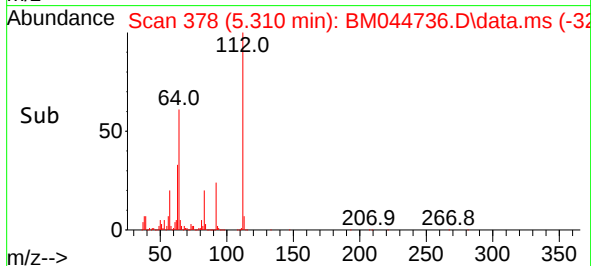
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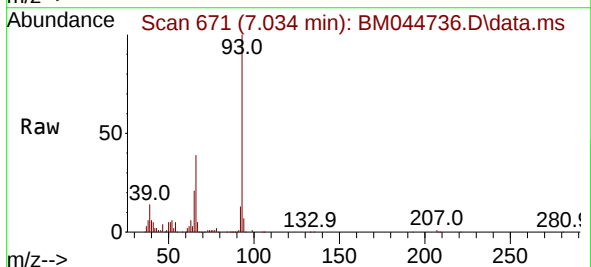
Tgt Ion:112 Resp: 192487
Ion Ratio Lower Upper
112 100
64 60.9 47.9 71.9
63 32.8 25.0 37.4

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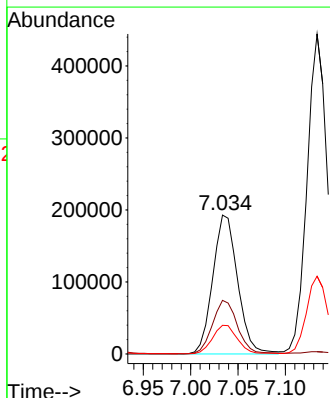
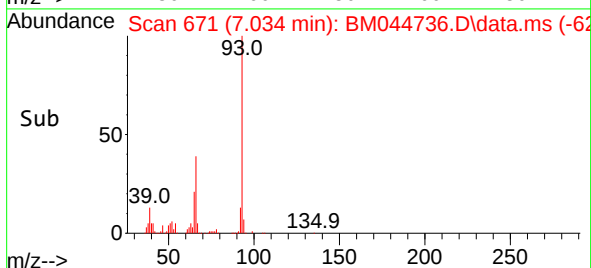
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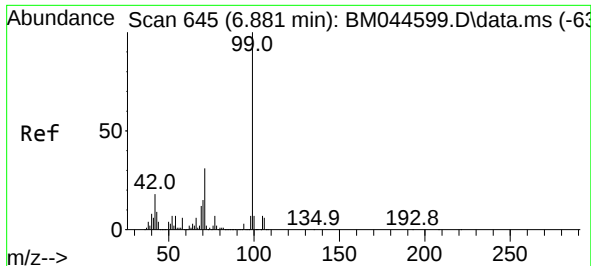


#6
Aniline
Concen: 15.965 ng
RT: 7.034 min Scan# 671
Delta R.T. -0.012 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01



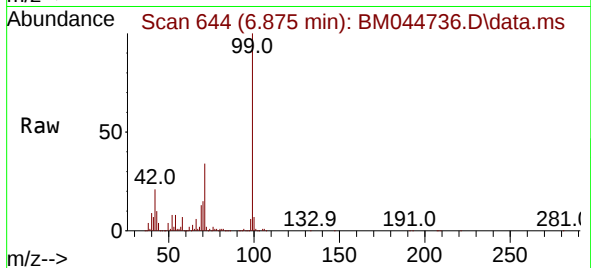
Tgt Ion: 93 Resp: 352636
Ion Ratio Lower Upper
93 100
66 38.5 30.3 45.5
65 20.7 15.7 23.5





#7
Phenol-d6
Concen: 124.239 ng
RT: 6.875 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

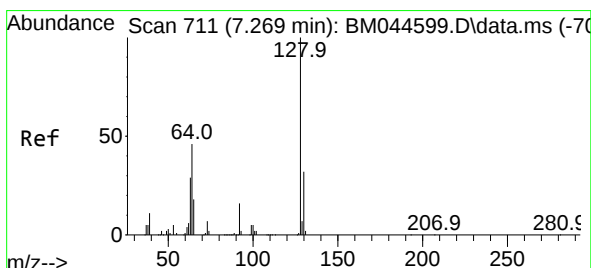
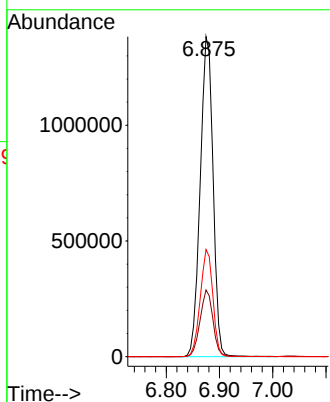
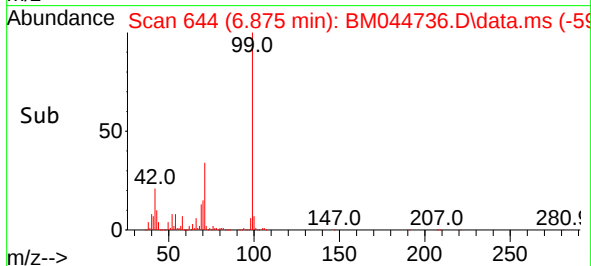
Instrument :
BNA_M
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Tgt Ion: 99 Resp: 231696
Ion Ratio Lower Upper
99 100
42 20.9 14.3 21.5
71 33.5 24.5 36.7

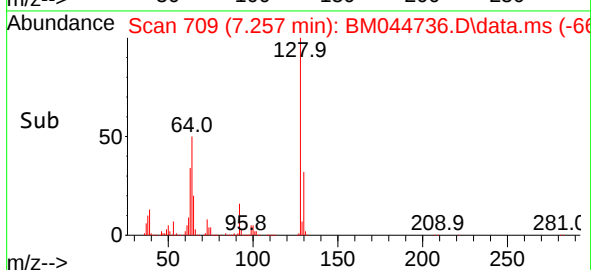
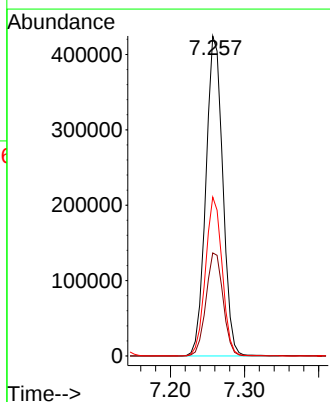
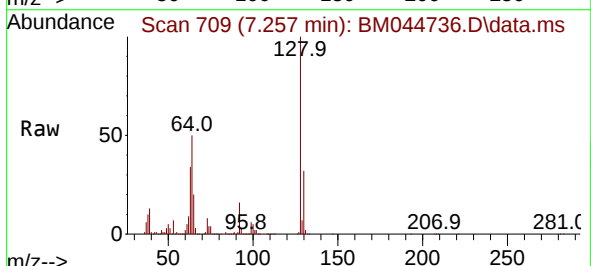
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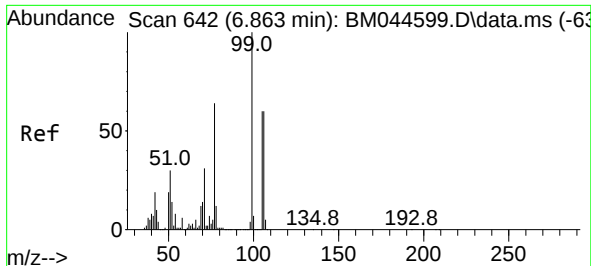
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#8
2-Chlorophenol
Concen: 46.572 ng
RT: 7.257 min Scan# 709
Delta R.T. -0.012 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

Tgt Ion:128 Resp: 672443
Ion Ratio Lower Upper
128 100
130 32.2 12.4 52.4
64 49.7 29.4 69.4





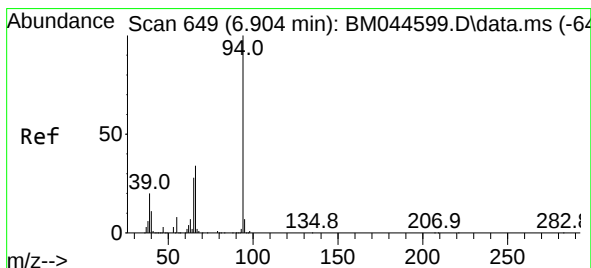
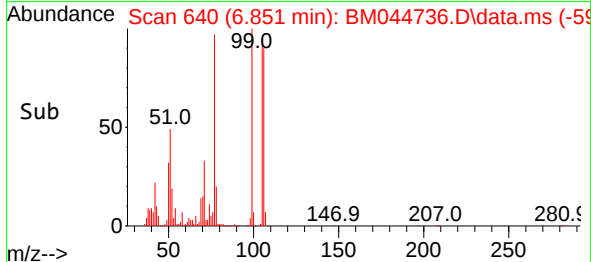
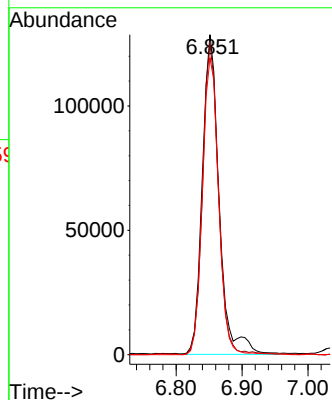
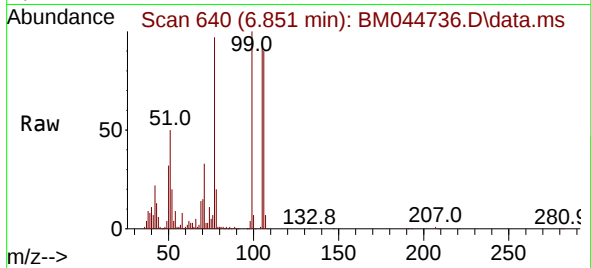
#9
Benzaldehyde
Concen: 23.351 ng m
RT: 6.851 min Scan# 642
Delta R.T. -0.012 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

Instrument :
BNA_M
ClientSampleId :
PB159733BS

Tgt Ion: 77 Resp: 22808
Ion Ratio Lower Upper
77 100
105 97.0 74.4 114.4
106 92.7 74.1 114.1

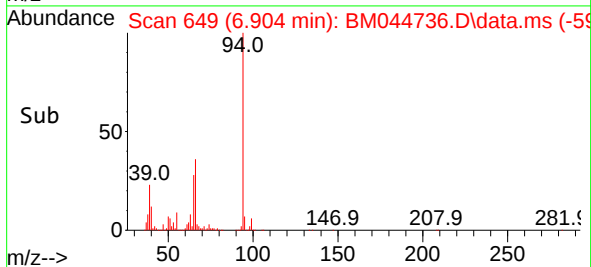
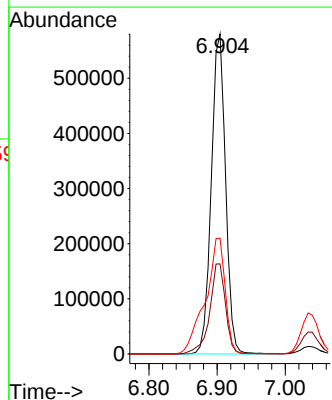
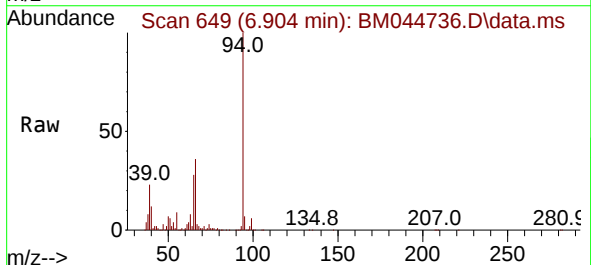
Manual Integrations
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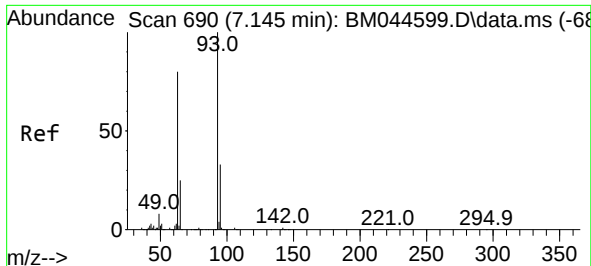
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#10
Phenol
Concen: 45.417 ng
RT: 6.904 min Scan# 649
Delta R.T. -0.000 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

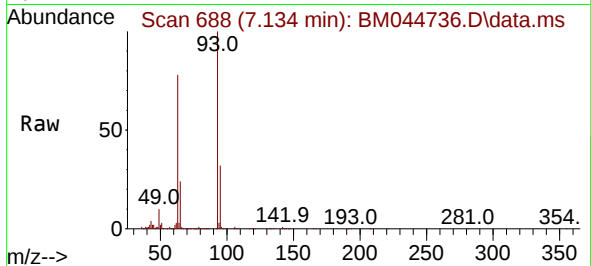
Tgt Ion: 94 Resp: 845898
Ion Ratio Lower Upper
94 100
65 28.1 7.9 47.9
66 36.2 14.7 54.7





#11
bis(2-Chloroethyl)ether
Concen: 44.303 ng
RT: 7.134 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

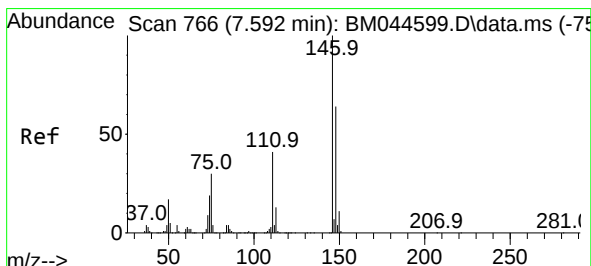
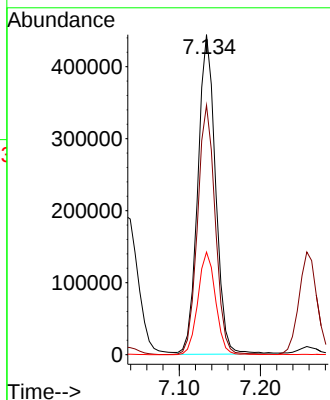
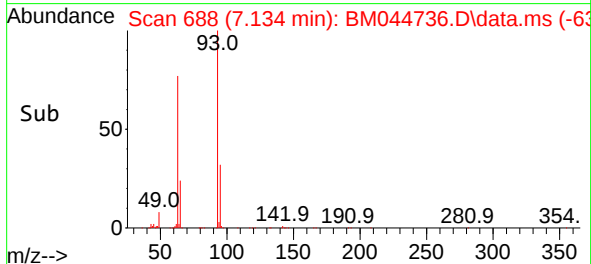
Instrument :
BNA_M
ClientSampleId :
PB159733BS



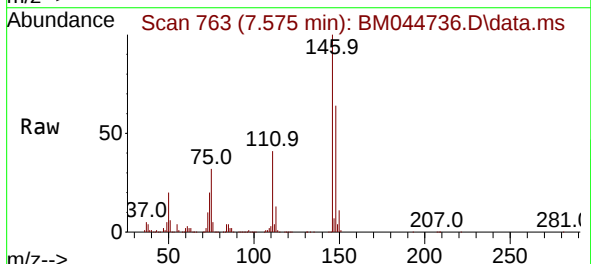
Tgt Ion: 93 Resp: 67372
Ion Ratio Lower Upper
93 100
63 77.9 59.8 99.8
95 32.0 12.5 52.5

Manual Integrations
APPROVED

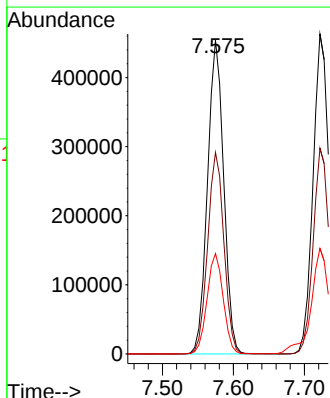
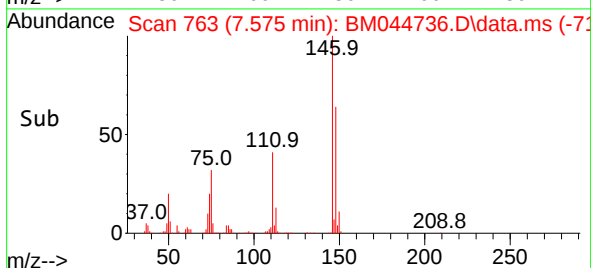
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

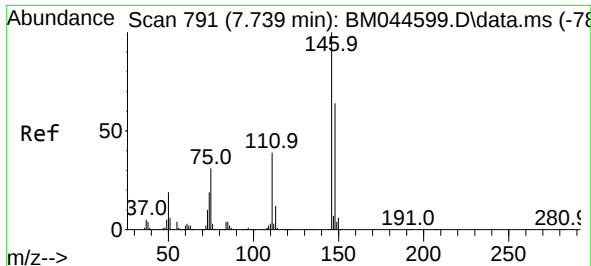


#12
1,3-Dichlorobenzene
Concen: 46.348 ng
RT: 7.575 min Scan# 763
Delta R.T. -0.018 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01



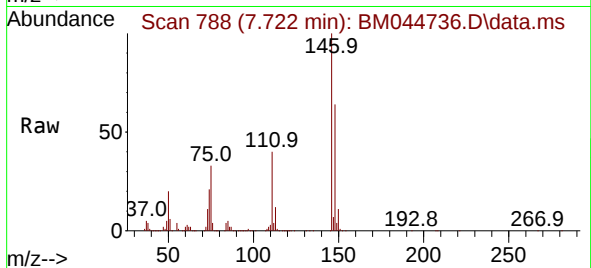
Tgt Ion:146 Resp: 719553
Ion Ratio Lower Upper
146 100
148 64.2 50.9 76.3
75 32.0 24.1 36.1





#13
1,4-Dichlorobenzene
Concen: 46.670 ng
RT: 7.722 min Scan# 71
Delta R.T. -0.018 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

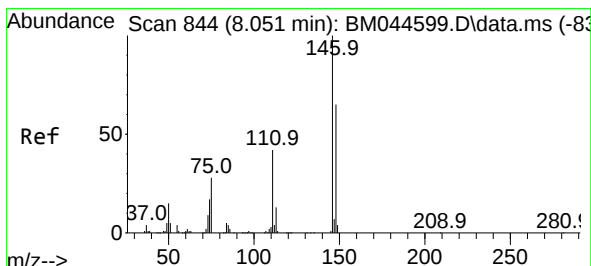
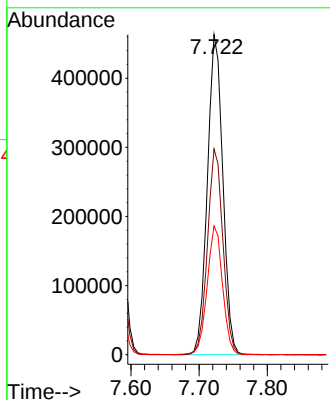
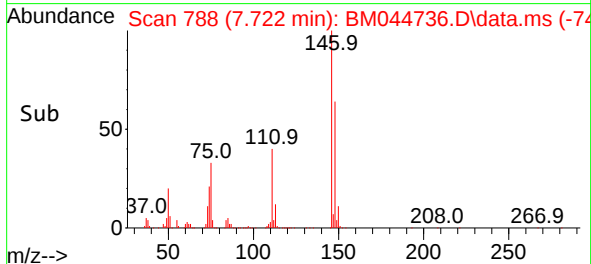
Instrument :
BNA_M
ClientSampleId :
PB159733BS



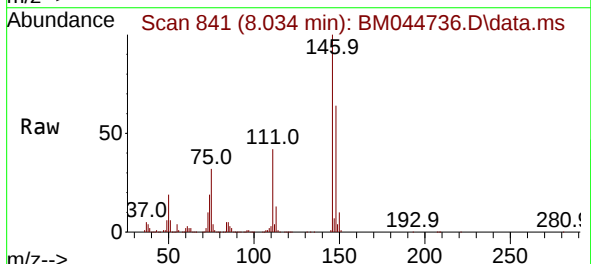
Tgt Ion:146 Resp: 730258
Ion Ratio Lower Upper
146 100
148 64.3 51.5 77.3
111 40.2 31.4 47.2

Manual Integrations
APPROVED

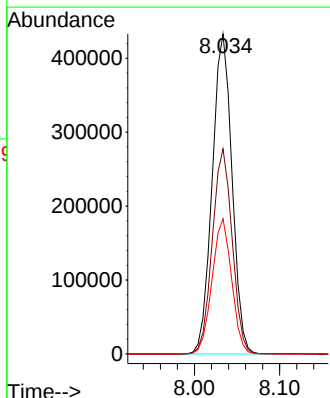
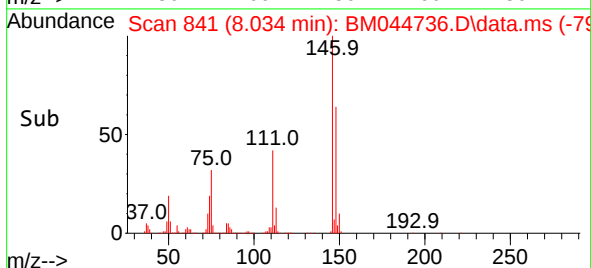
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

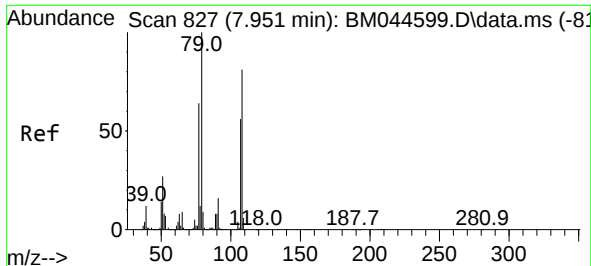


#14
1,2-Dichlorobenzene
Concen: 46.861 ng
RT: 8.034 min Scan# 841
Delta R.T. -0.018 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01



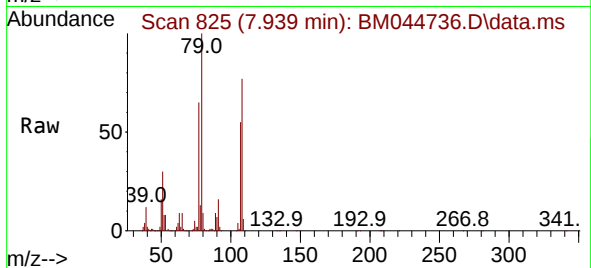
Tgt Ion:146 Resp: 699258
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.8
111 42.3 33.4 50.2





#15
Benzyl Alcohol
Concen: 45.268 ng
RT: 7.939 min Scan# 811
Delta R.T. -0.012 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

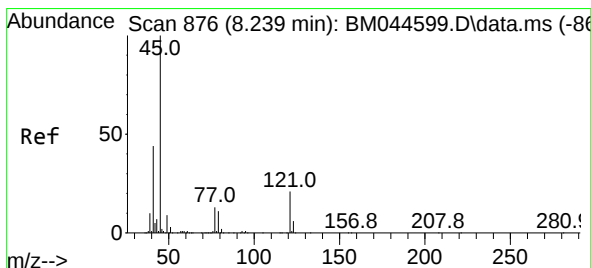
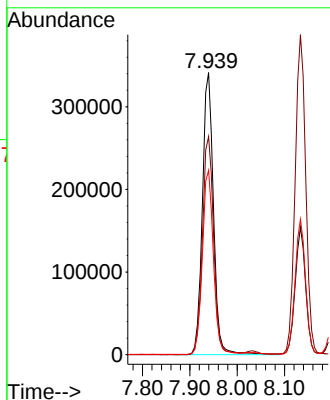
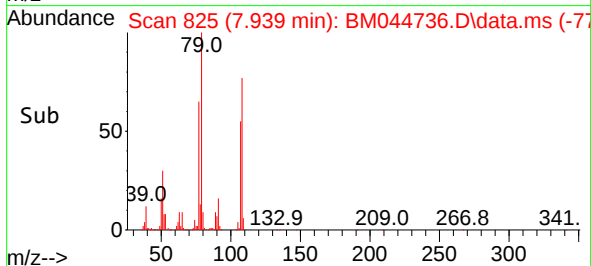
Instrument :
BNA_M
ClientSampleId :
PB159733BS



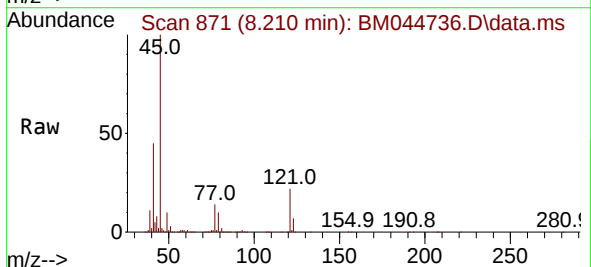
Tgt Ion: 79 Resp: 555020
Ion Ratio Lower Upper
79 100
108 77.3 65.0 97.6
77 65.3 51.7 77.5

Manual Integrations
APPROVED

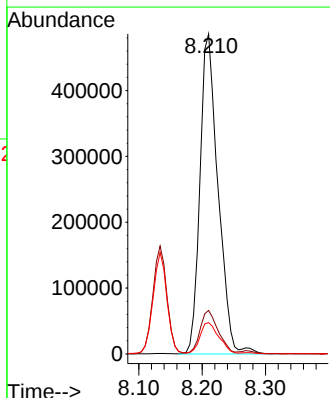
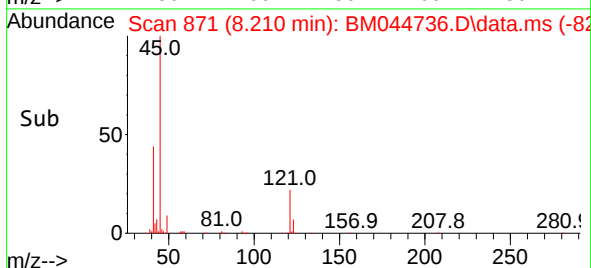
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

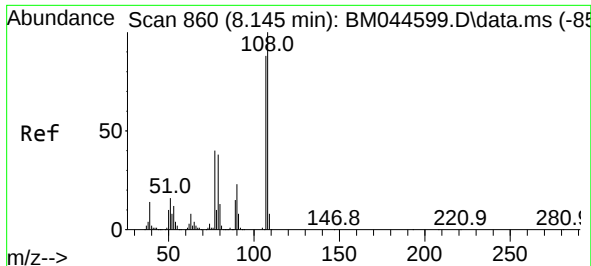


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.750 ng m
RT: 8.210 min Scan# 871
Delta R.T. -0.029 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01



Tgt Ion: 45 Resp: 964575
Ion Ratio Lower Upper
45 100
77 13.6 0.0 33.7
79 9.8 0.0 31.2





#17

2-Methylphenol

Concen: 41.781 ng

RT: 8.134 min Scan# 81

Delta R.T. -0.012 min

Lab File: BM044736.D

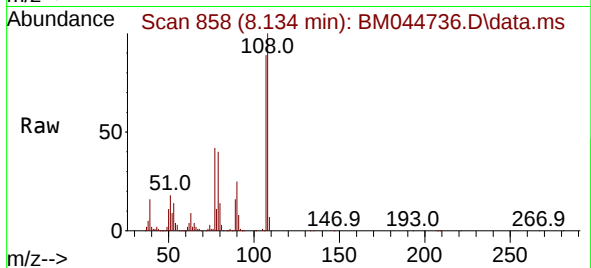
Acq: 22 Mar 2024 16:01

Instrument :

BNA_M

ClientSampleId :

PB159733BS



Tgt Ion:107 Resp: 530714

Ion Ratio Lower Upper

107 100

108 112.4 90.7 136.1

77 47.6 36.2 54.2

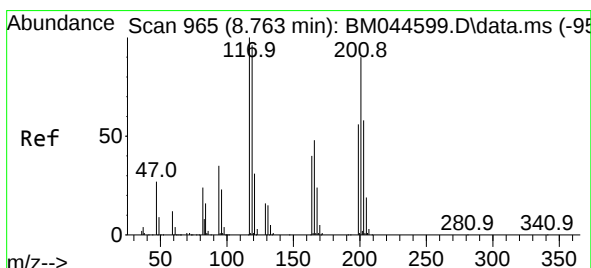
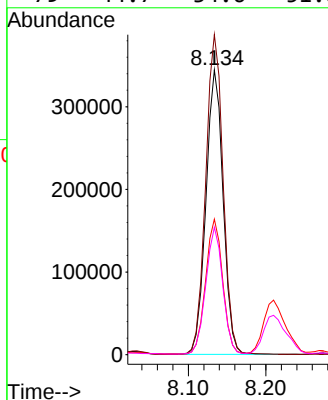
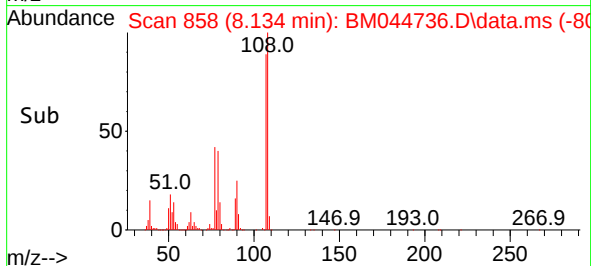
79 44.7 34.6 51.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/26/2024

Supervised By :mohammad ahmed 03/26/2024



#18

Hexachloroethane

Concen: 48.658 ng

RT: 8.745 min Scan# 962

Delta R.T. -0.018 min

Lab File: BM044736.D

Acq: 22 Mar 2024 16:01

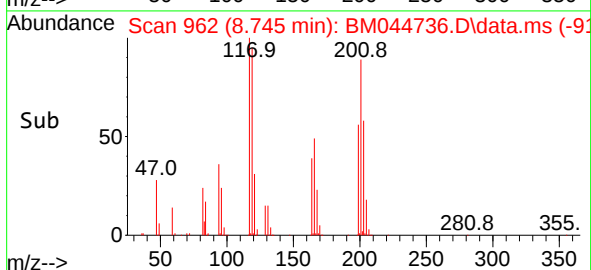
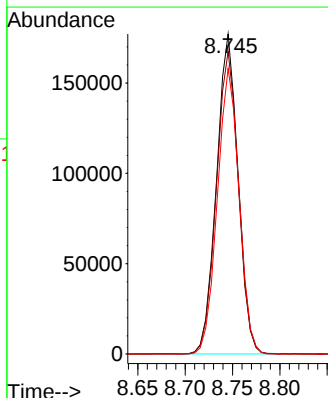
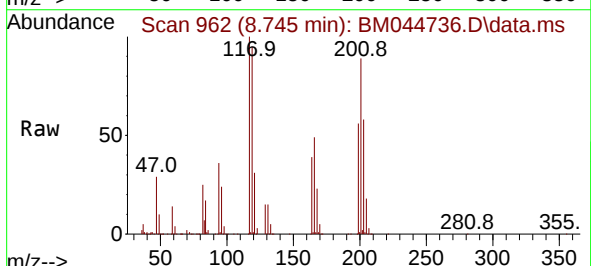
Tgt Ion:117 Resp: 281467

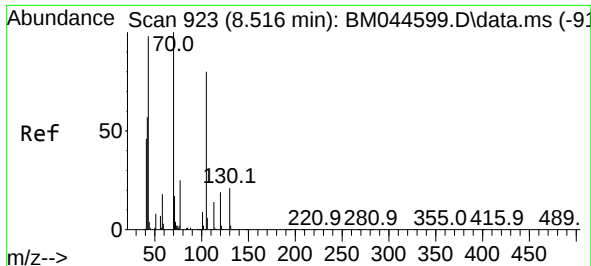
Ion Ratio Lower Upper

117 100

119 94.5 76.8 115.2

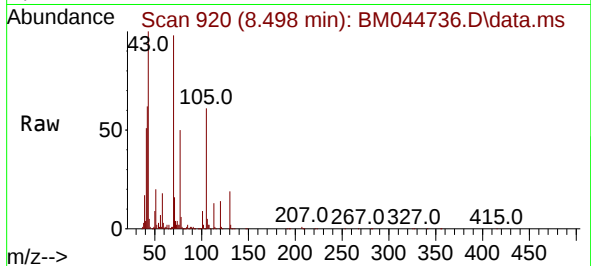
201 89.2 72.3 108.5





#19
n-Nitroso-di-n-propylamine
Concen: 38.469 ng
RT: 8.498 min Scan# 914
Delta R.T. -0.018 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

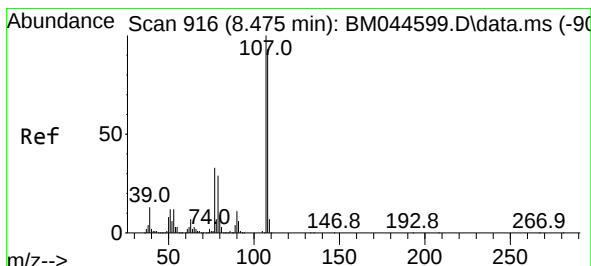
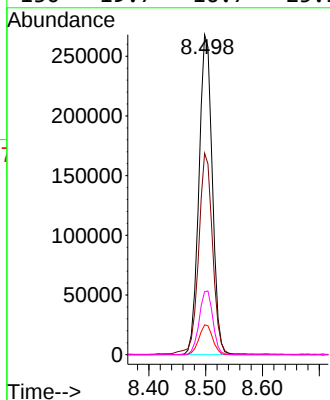
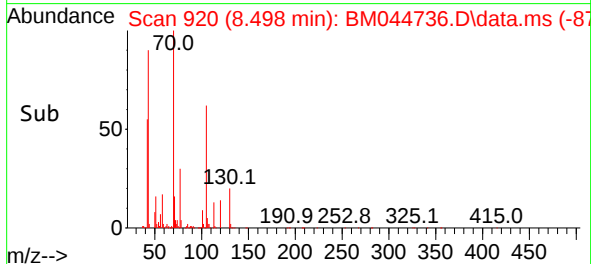
Instrument :
BNA_M
ClientSampleId :
PB159733BS



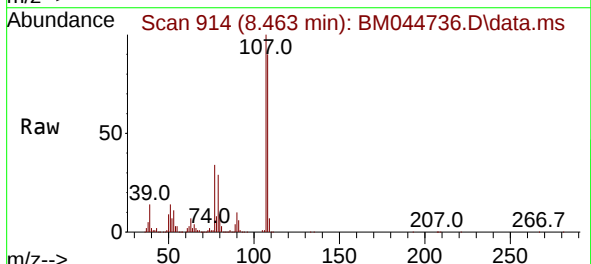
Tgt Ion: 70 Resp: 438130
Ion Ratio Lower Upper
70 100
42 63.0 46.6 69.8
101 9.3 7.6 11.4
130 19.7 16.7 25.1

Manual Integrations
APPROVED

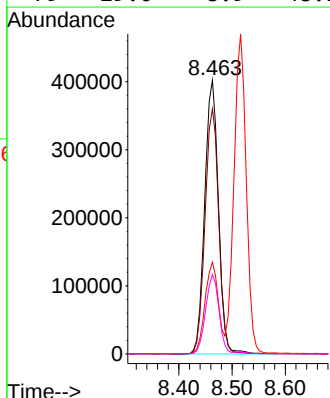
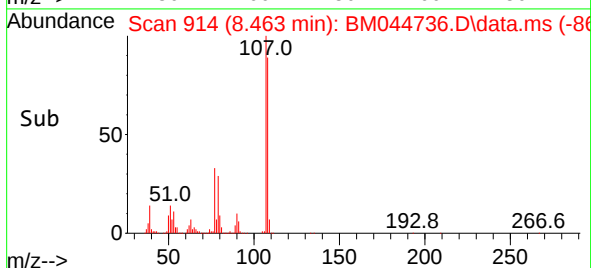
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

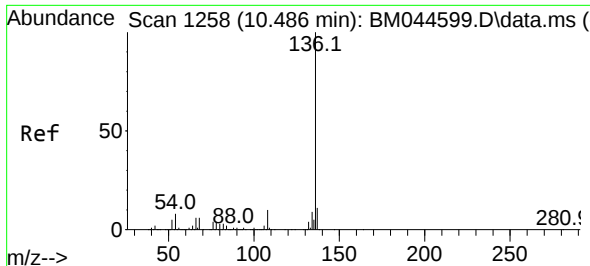


#20
3+4-Methylphenols
Concen: 42.003 ng
RT: 8.463 min Scan# 914
Delta R.T. -0.012 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01



Tgt Ion:107 Resp: 719999
Ion Ratio Lower Upper
107 100
108 89.5 72.7 112.7
77 33.6 13.3 53.3
79 29.0 8.9 48.9





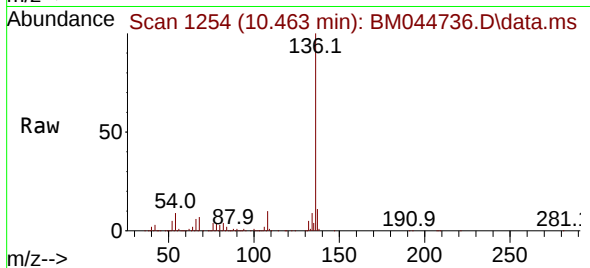
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.463 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

Instrument :

BNA_M

ClientSampleId :

PB159733BS



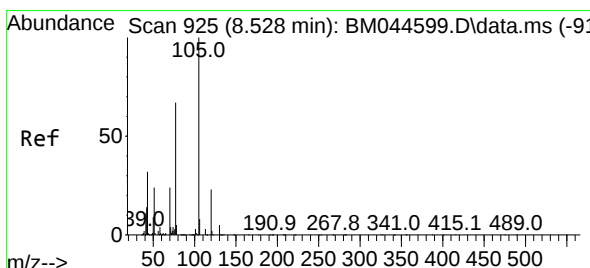
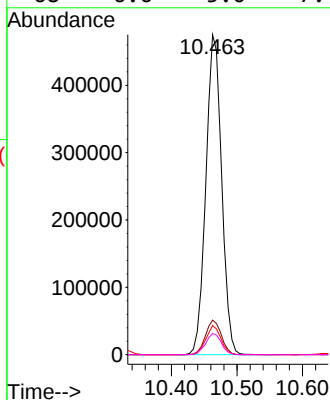
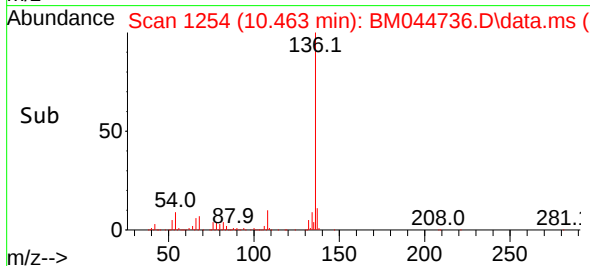
Tgt Ion:136 Resp: 795630
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 9.1 6.6 10.0
68 6.6 5.0 7.4

Manual Integrations

APPROVED

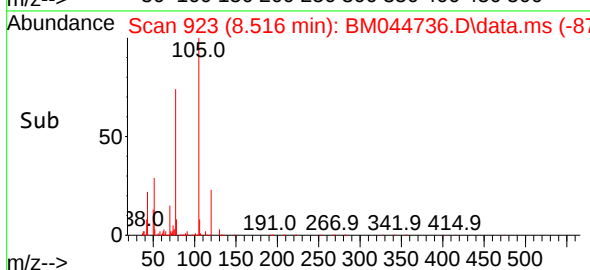
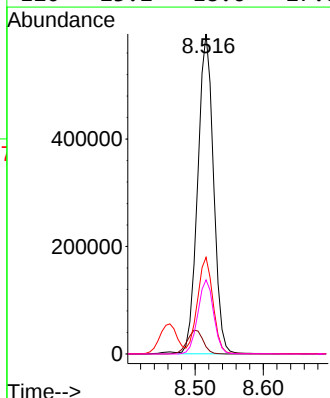
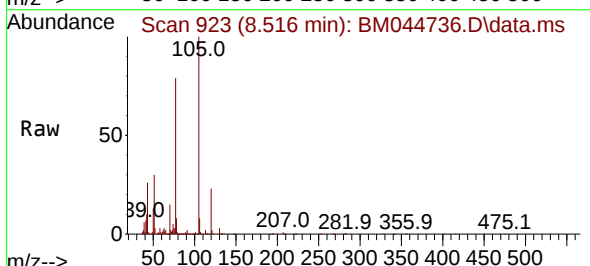
Reviewed By :Yogesh Patel 03/26/2024

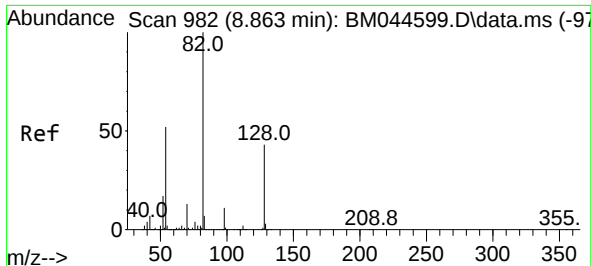
Supervised By :mohammad ahmed 03/26/2024



#22
Acetophenone
Concen: 45.730 ng
RT: 8.516 min Scan# 923
Delta R.T. -0.012 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

Tgt Ion:105 Resp: 955882
Ion Ratio Lower Upper
105 100
71 2.3 3.4 5.2#
51 30.2 22.2 33.4
120 23.2 18.6 27.8





#23

Nitrobenzene-d5

Concen: 86.862 ng

RT: 8.851 min Scan# 980

Delta R.T. -0.012 min

Lab File: BM044736.D

Acq: 22 Mar 2024 16:01

Instrument :

BNA_M

ClientSampleId :

PB159733BS

Tgt Ion: 82 Resp: 143454

Ion Ratio Lower Upper

82 100

128 43.1 34.2 51.4

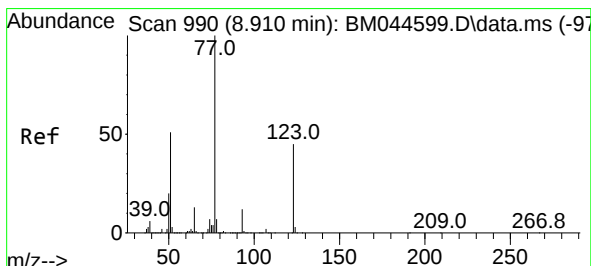
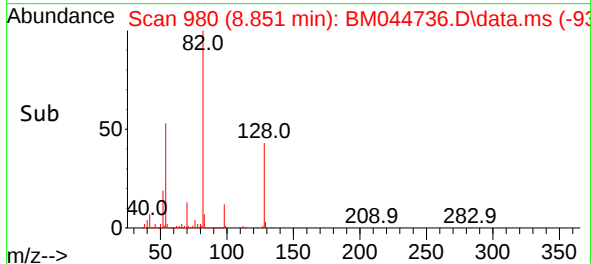
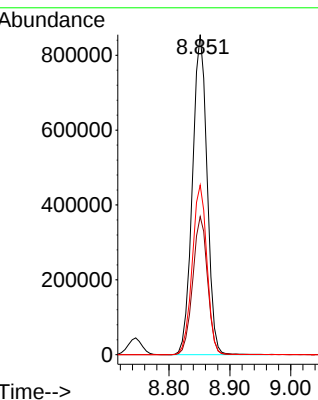
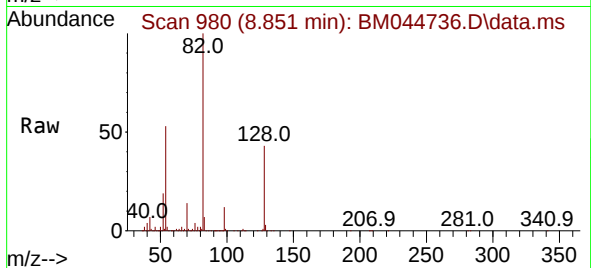
54 53.0 41.3 61.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/26/2024

Supervised By :mohammad ahmed 03/26/2024



#24

Nitrobenzene

Concen: 44.343 ng

RT: 8.892 min Scan# 987

Delta R.T. -0.018 min

Lab File: BM044736.D

Acq: 22 Mar 2024 16:01

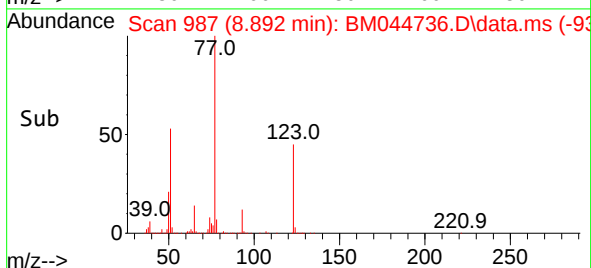
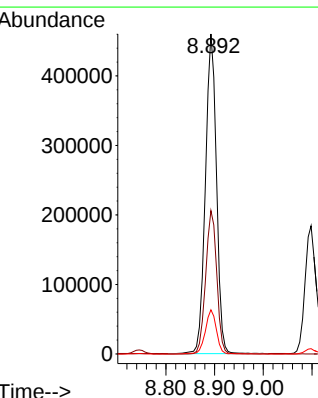
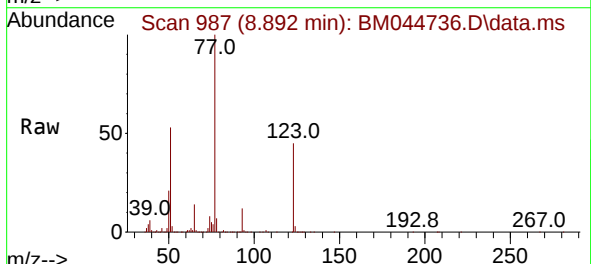
Tgt Ion: 77 Resp: 723930

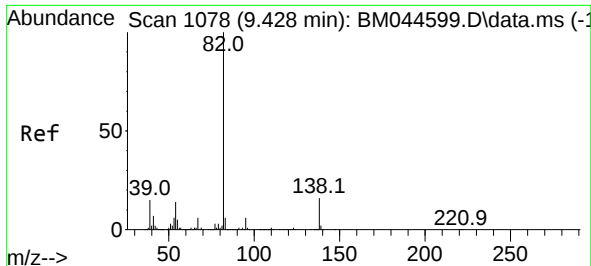
Ion Ratio Lower Upper

77 100

123 44.8 35.9 53.9

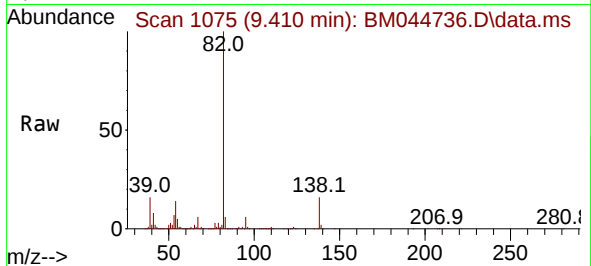
65 13.8 10.7 16.1





#25
Isophorone
Concen: 45.331 ng
RT: 9.410 min Scan# 1075
Delta R.T. -0.018 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

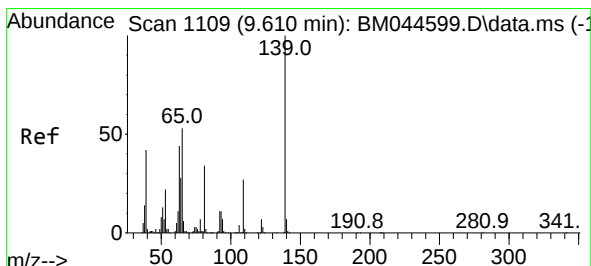
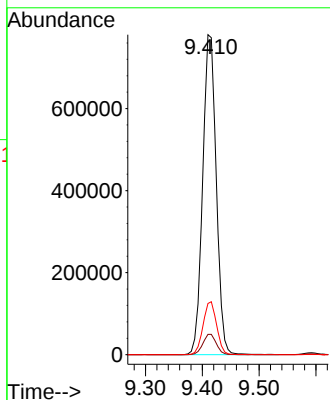
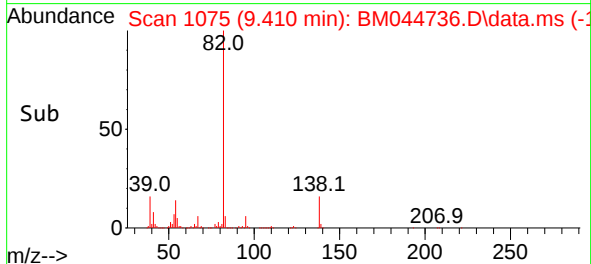
Instrument :
BNA_M
ClientSampleId :
PB159733BS



Tgt Ion: 82 Resp: 1291700
Ion Ratio Lower Upper
82 100
95 6.3 4.9 7.3
138 16.0 12.9 19.3

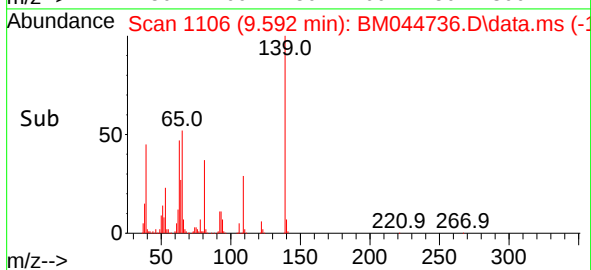
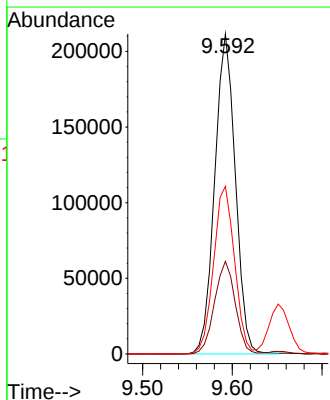
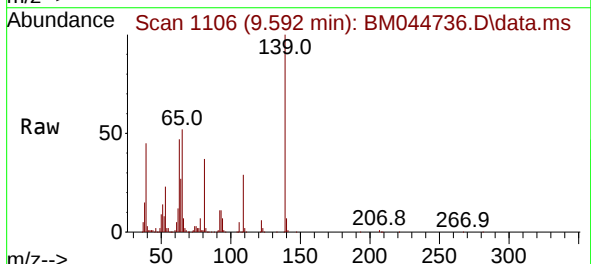
Manual Integrations
APPROVED

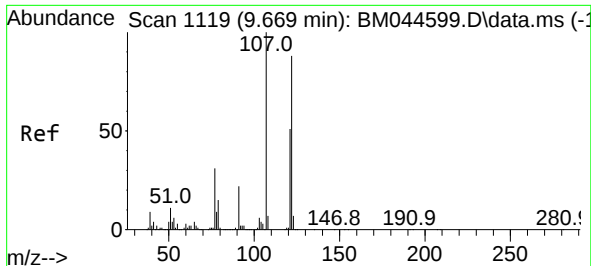
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#26
2-Nitrophenol
Concen: 47.876 ng
RT: 9.592 min Scan# 1106
Delta R.T. -0.018 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

Tgt Ion:139 Resp: 337267
Ion Ratio Lower Upper
139 100
109 28.9 21.2 31.8
65 52.4 42.4 63.6





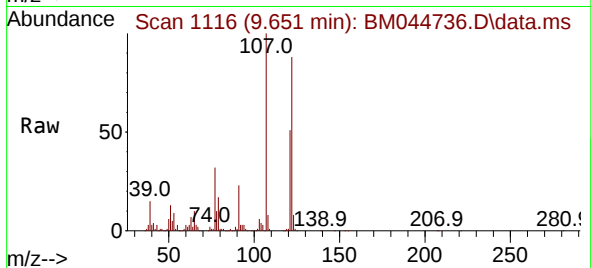
#27
2,4-Dimethylphenol
Concen: 38.043 ng
RT: 9.651 min Scan# 1116
Delta R.T. -0.018 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

Instrument :

BNA_M

ClientSampleId :

PB159733BS



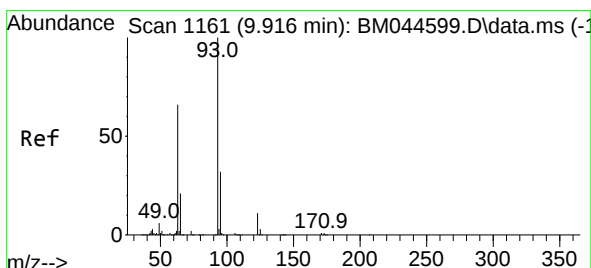
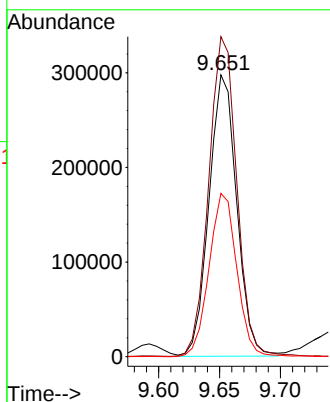
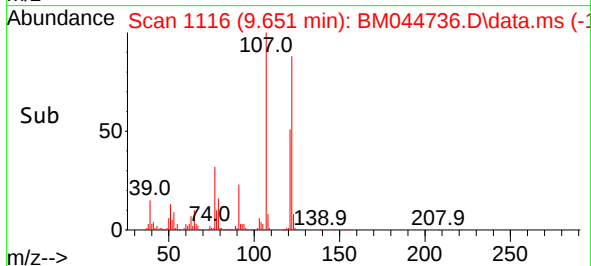
Tgt Ion:122 Resp: 471299
Ion Ratio Lower Upper
122 100
107 113.6 90.5 135.7
121 58.0 46.2 69.4

Manual Integrations

APPROVED

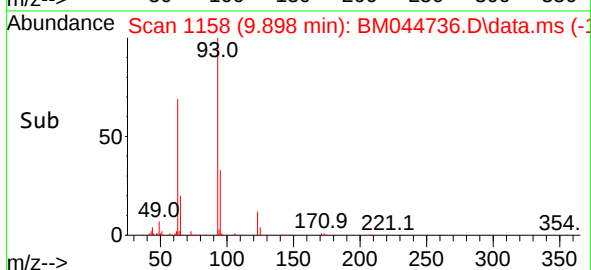
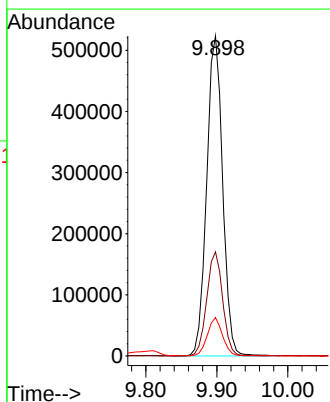
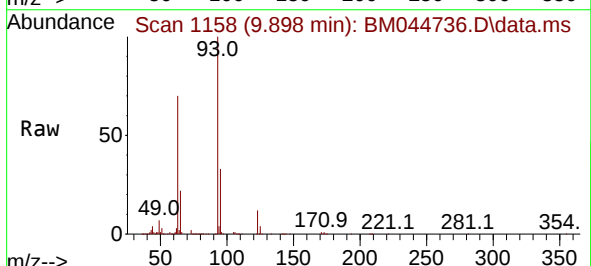
Reviewed By :Yogesh Patel 03/26/2024

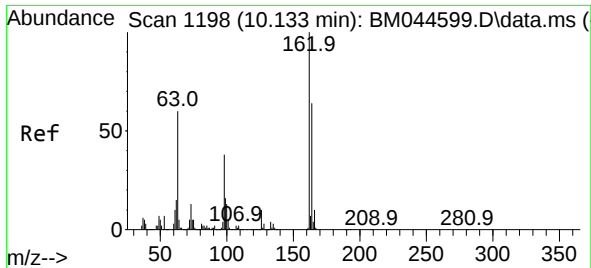
Supervised By :mohammad ahmed 03/26/2024



#28
bis(2-Chloroethoxy)methane
Concen: 43.224 ng
RT: 9.898 min Scan# 1158
Delta R.T. -0.018 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

Tgt Ion: 93 Resp: 817900
Ion Ratio Lower Upper
93 100
95 32.6 25.8 38.6
123 12.0 9.0 13.4





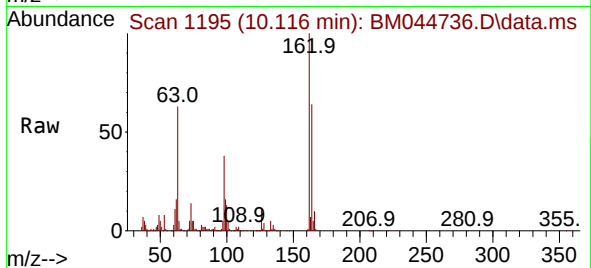
#29
2,4-Dichlorophenol
Concen: 46.592 ng
RT: 10.116 min Scan# 1195
Delta R.T. -0.018 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

Instrument :

BNA_M

ClientSampleId :

PB159733BS



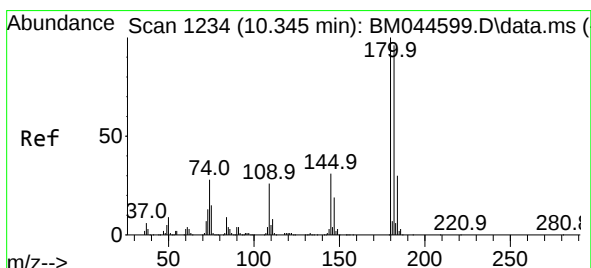
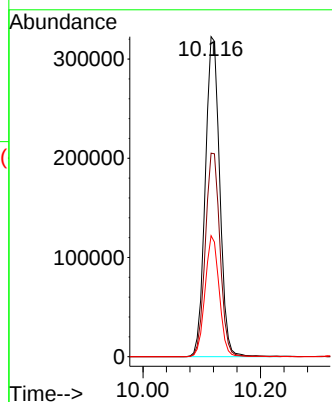
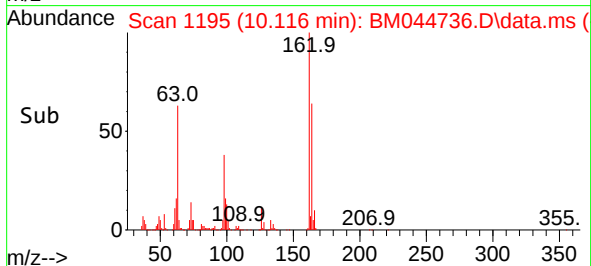
Tgt Ion:162 Resp: 550130
Ion Ratio Lower Upper
162 100
164 63.6 44.1 84.1
98 37.8 18.0 58.0

Manual Integrations

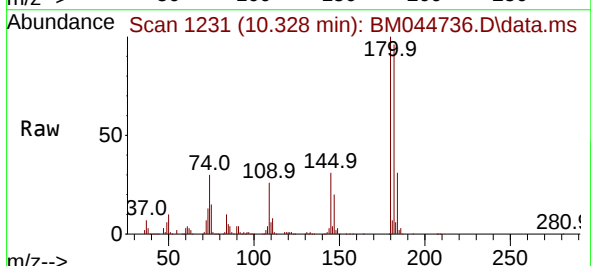
APPROVED

Reviewed By :Yogesh Patel 03/26/2024

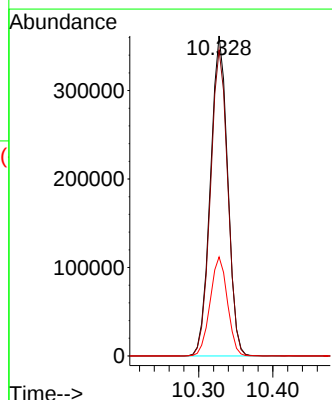
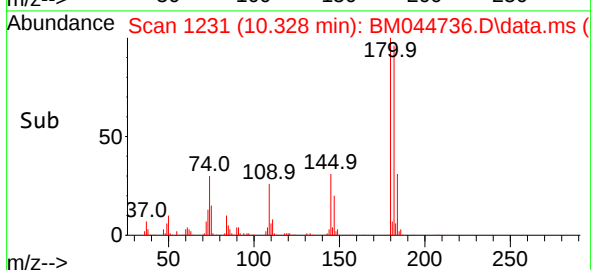
Supervised By :mohammad ahmed 03/26/2024

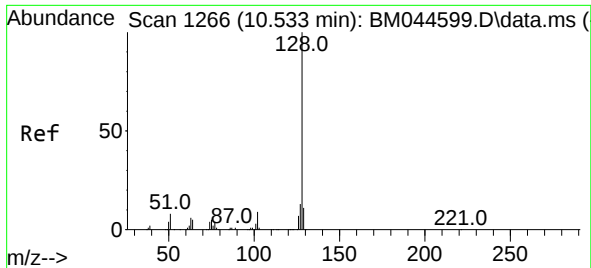


#30
1,2,4-Trichlorobenzene
Concen: 46.602 ng
RT: 10.328 min Scan# 1231
Delta R.T. -0.018 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01



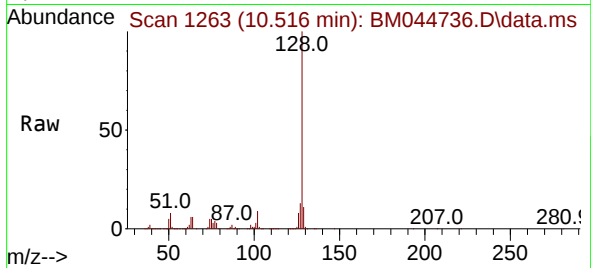
Tgt Ion:180 Resp: 585369
Ion Ratio Lower Upper
180 100
182 95.7 76.6 115.0
145 31.0 24.6 36.8





#31
Naphthalene
Concen: 44.113 ng
RT: 10.516 min Scan# 1263
Delta R.T. -0.018 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

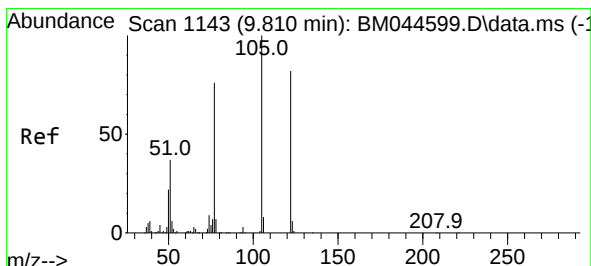
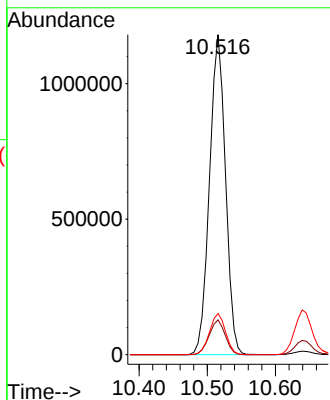
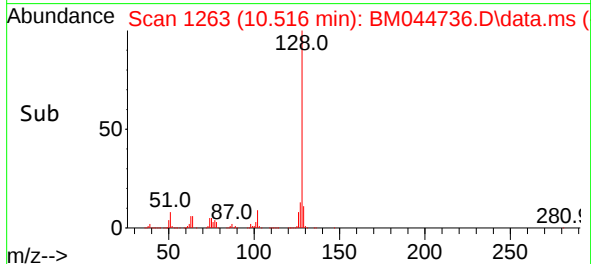
Instrument :
BNA_M
ClientSampleId :
PB159733BS



Tgt Ion:128 Resp: 1926214
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.8 10.2 15.4

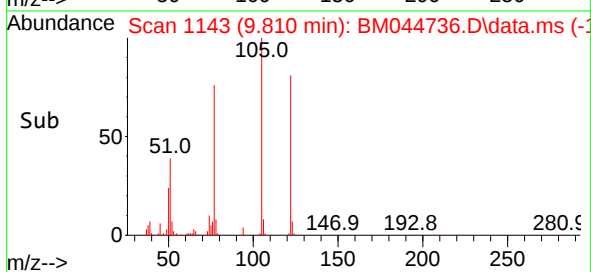
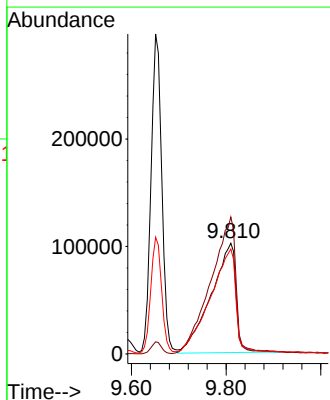
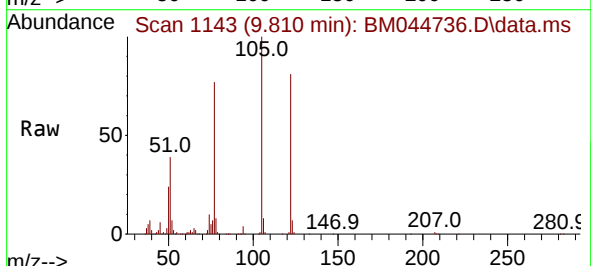
Manual Integrations
APPROVED

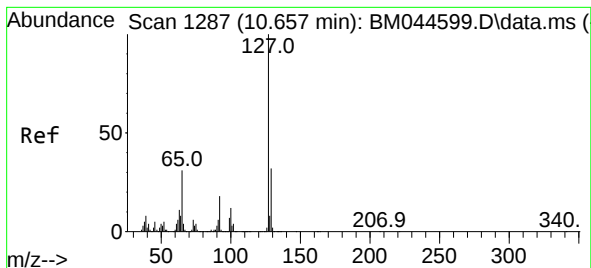
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#32
Benzoic acid
Concen: 38.550 ng
RT: 9.810 min Scan# 1143
Delta R.T. -0.000 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

Tgt Ion:122 Resp: 373516
Ion Ratio Lower Upper
122 100
105 123.6 100.0 140.0
77 94.8 72.5 112.5





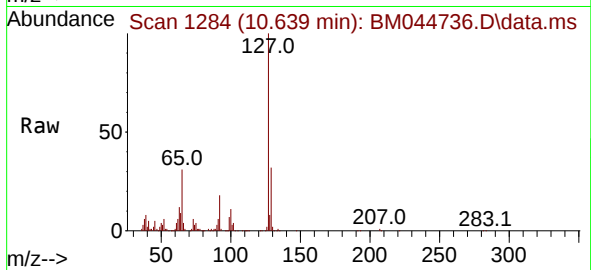
#33
4-Chloroaniline
Concen: 17.032 ng
RT: 10.639 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

Instrument :

BNA_M

ClientSampleId :

PB159733BS



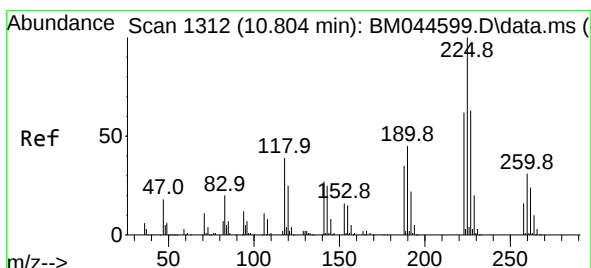
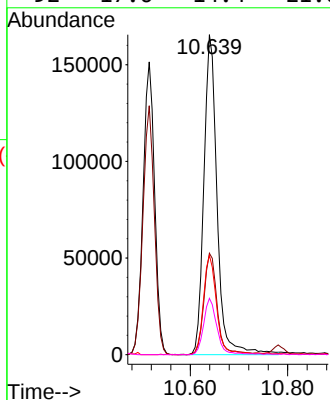
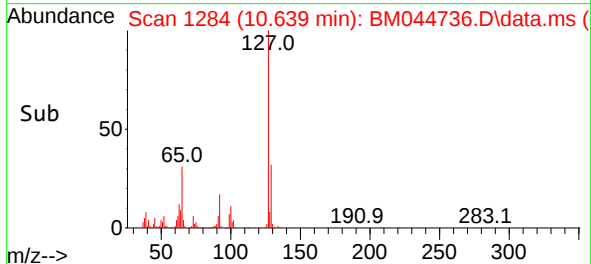
Tgt Ion:127 Resp: 312004
Ion Ratio Lower Upper
127 100
129 31.7 25.6 38.4
65 31.0 25.1 37.7
92 17.6 14.4 21.6

Manual Integrations

APPROVED

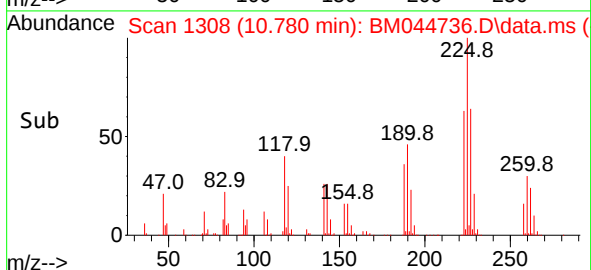
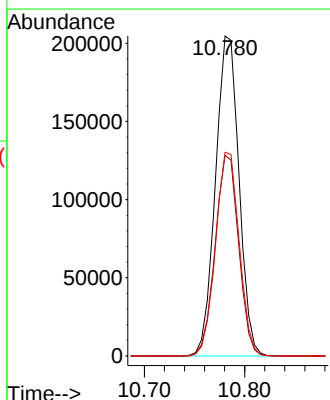
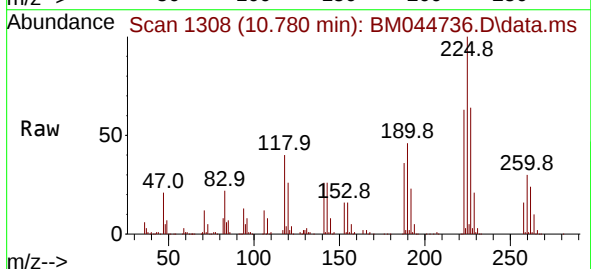
Reviewed By :Yogesh Patel 03/26/2024

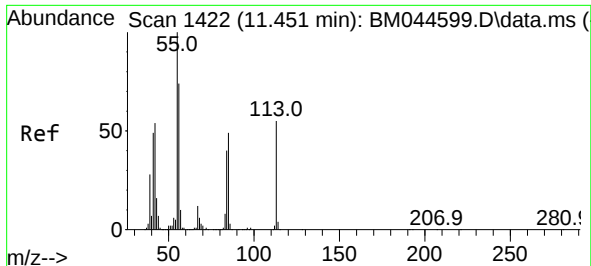
Supervised By :mohammad ahmed 03/26/2024



#34
Hexachlorobutadiene
Concen: 47.500 ng
RT: 10.780 min Scan# 1308
Delta R.T. -0.024 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

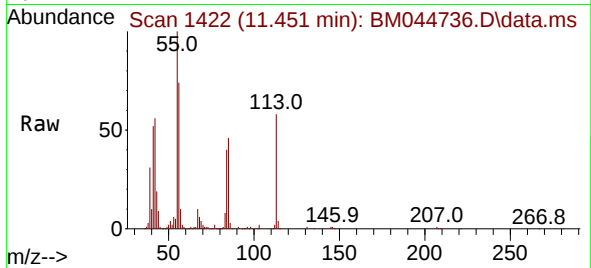
Tgt Ion:225 Resp: 332665
Ion Ratio Lower Upper
225 100
223 62.7 49.9 74.9
227 63.7 50.6 75.8





#35
Caprolactam
Concen: 43.609 ng m
RT: 11.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

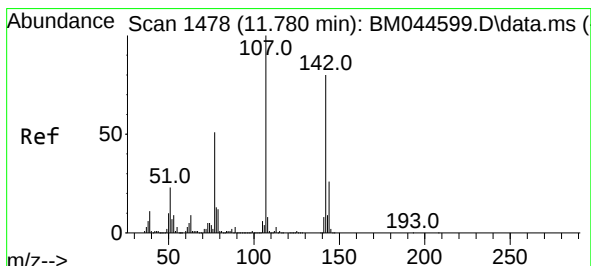
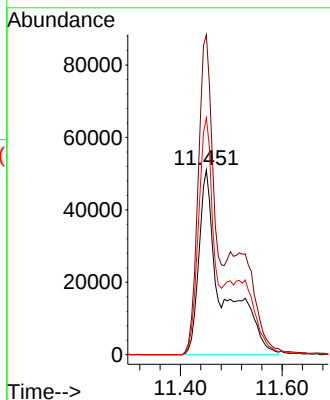
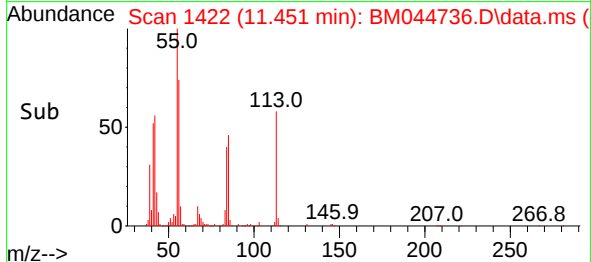
Instrument :
BNA_M
ClientSampleId :
PB159733BS



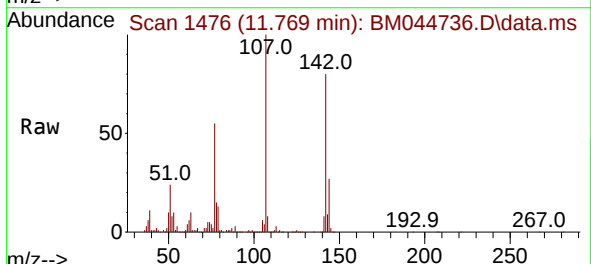
Tgt Ion:113 Resp: 166092
Ion Ratio Lower Upper
113 100
55 173.3 161.1 201.1
56 128.3 113.2 153.2

Manual Integrations
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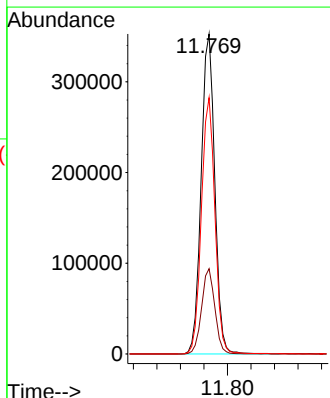
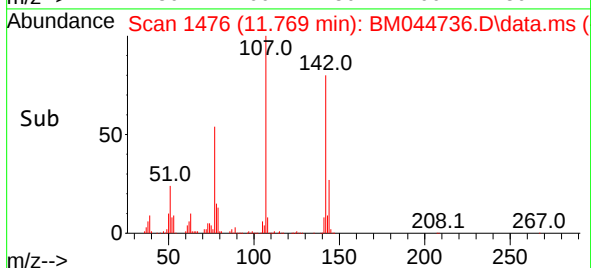
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

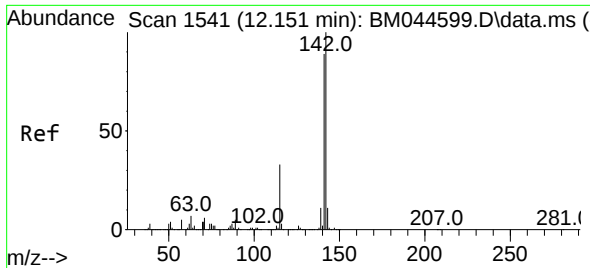


#36
4-Chloro-3-methylphenol
Concen: 43.758 ng
RT: 11.769 min Scan# 1476
Delta R.T. -0.012 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01



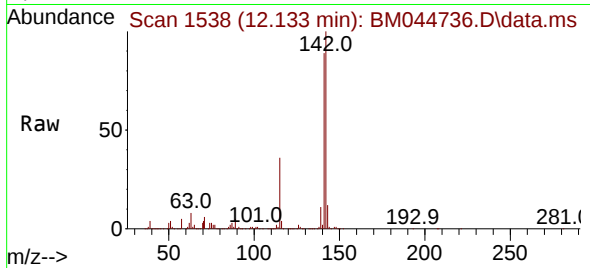
Tgt Ion:107 Resp: 566946
Ion Ratio Lower Upper
107 100
144 26.6 20.8 31.2
142 80.1 63.8 95.8





#37
2-Methylnaphthalene
Concen: 41.092 ng
RT: 12.133 min Scan# 1538
Delta R.T. -0.018 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

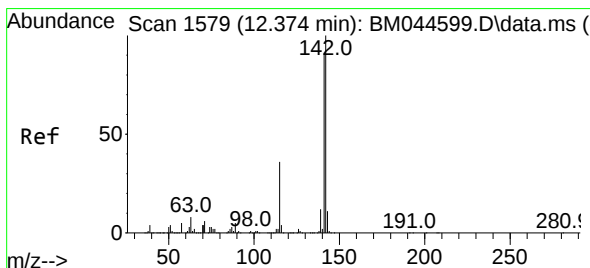
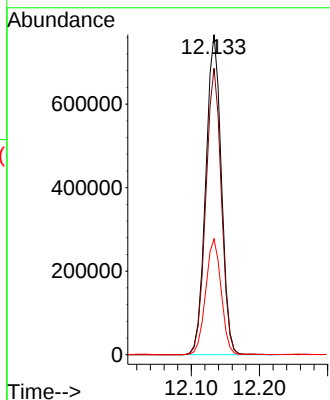
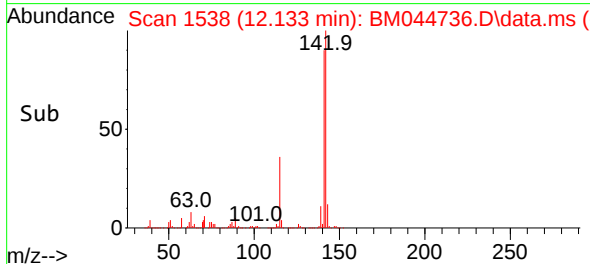
Instrument :
BNA_M
ClientSampleId :
PB159733BS



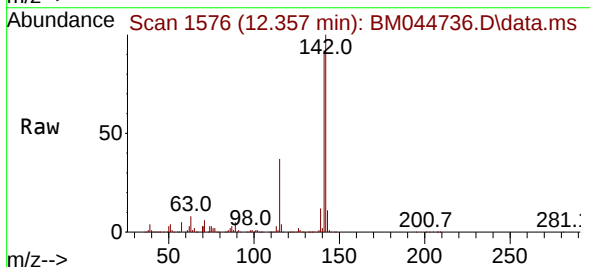
Tgt Ion:142 Resp: 1217840
Ion Ratio Lower Upper
142 100
141 89.5 71.0 106.6
115 36.2 26.6 40.0

Manual Integrations
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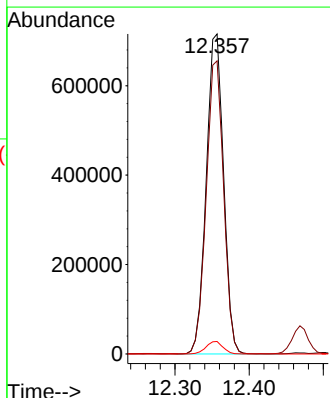
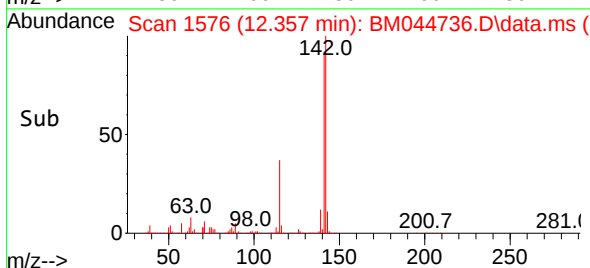
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

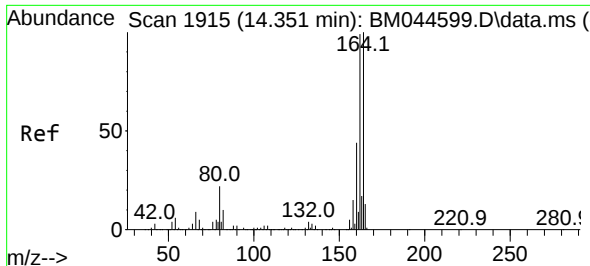


#38
1-Methylnaphthalene
Concen: 42.035 ng
RT: 12.357 min Scan# 1576
Delta R.T. -0.018 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01



Tgt Ion:142 Resp: 1161049
Ion Ratio Lower Upper
142 100
141 91.6 72.9 109.3
116 3.9 2.9 4.3





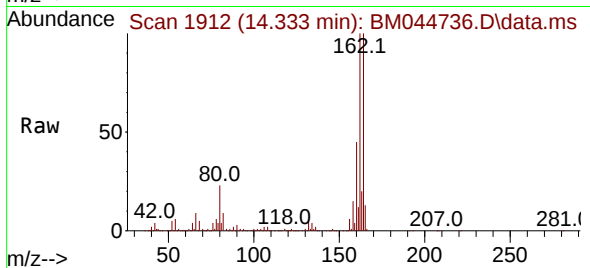
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.333 min Scan# 1915
Delta R.T. -0.018 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

Instrument :

BNA_M

ClientSampleId :

PB159733BS

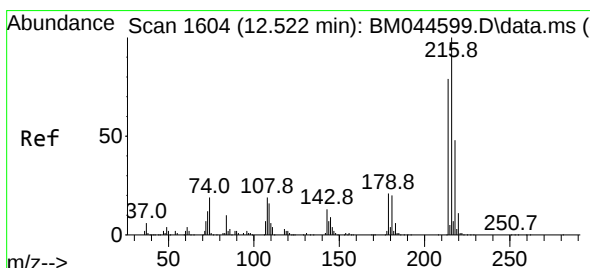
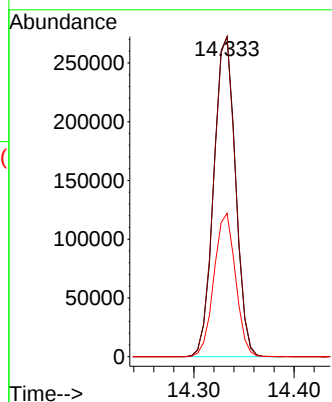
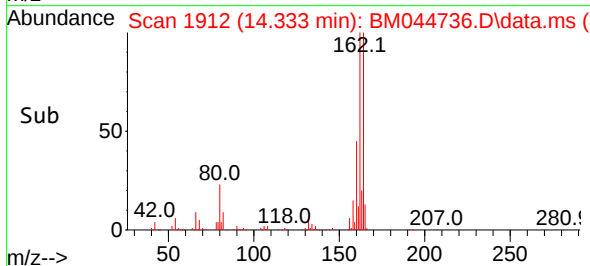


Tgt Ion:164 Resp: 409352
Ion Ratio Lower Upper
164 100
162 100.0 79.3 118.9
160 44.8 35.2 52.8

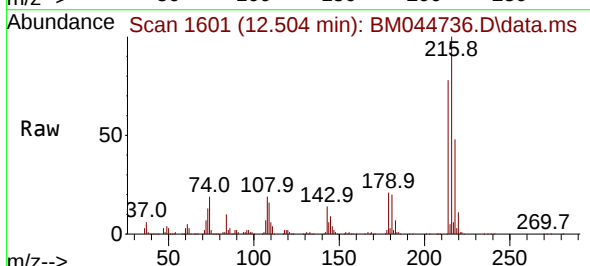
Manual Integrations

APPROVED

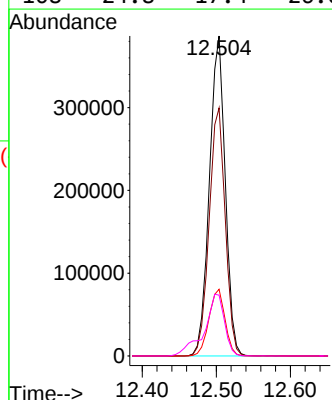
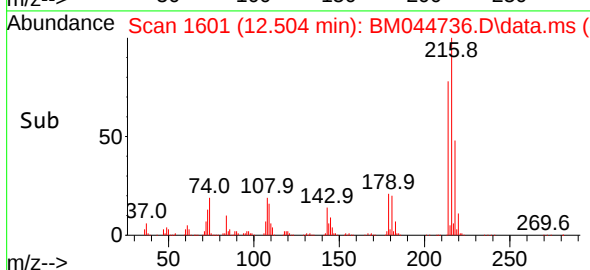
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

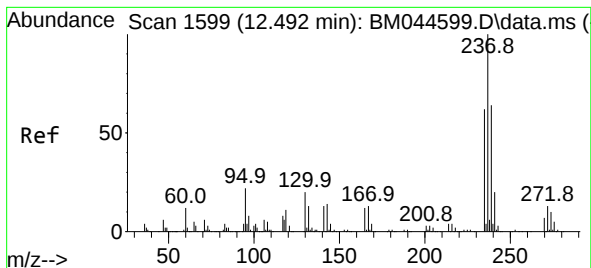


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.292 ng
RT: 12.504 min Scan# 1601
Delta R.T. -0.018 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01



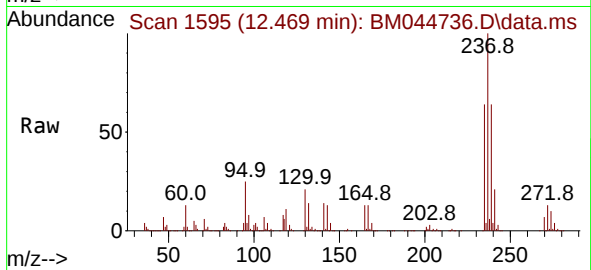
Tgt Ion:216 Resp: 572607
Ion Ratio Lower Upper
216 100
214 78.9 62.9 94.3
179 21.2 16.9 25.3
108 24.8 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 105.462 ng
RT: 12.469 min Scan# 1595
Delta R.T. -0.024 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

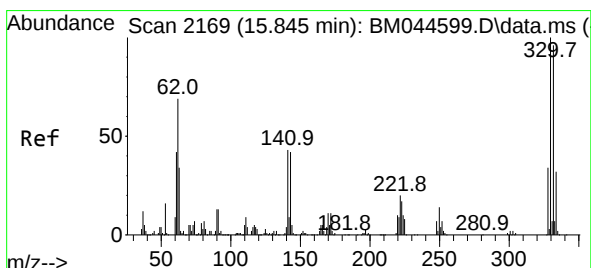
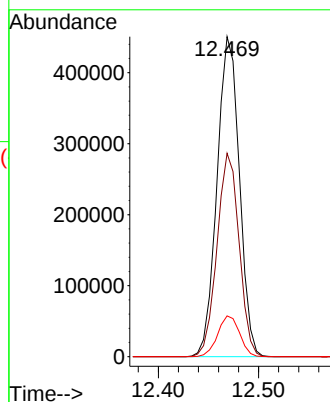
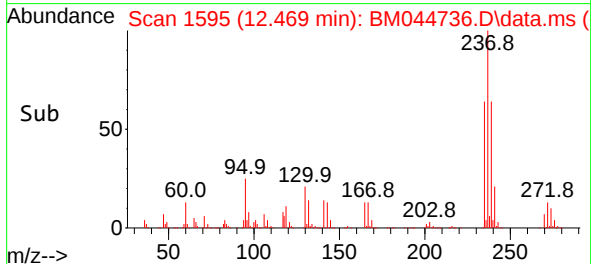
Instrument :
BNA_M
ClientSampleId :
PB159733BS



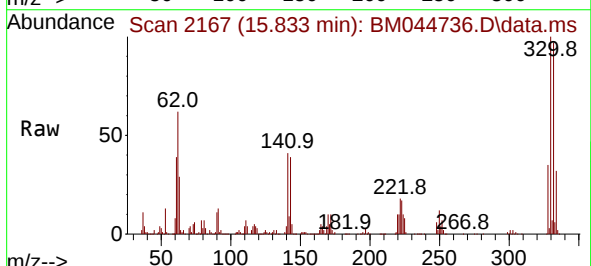
Tgt Ion:237 Resp: 69792
Ion Ratio Lower Upper
237 100
235 63.6 42.1 82.1
272 12.7 0.0 33.1

Manual Integrations
APPROVED

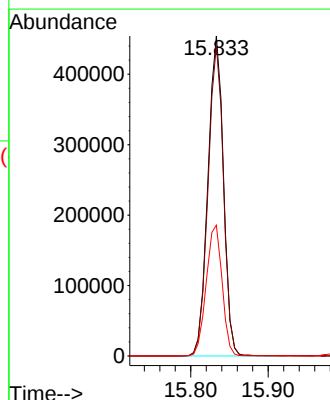
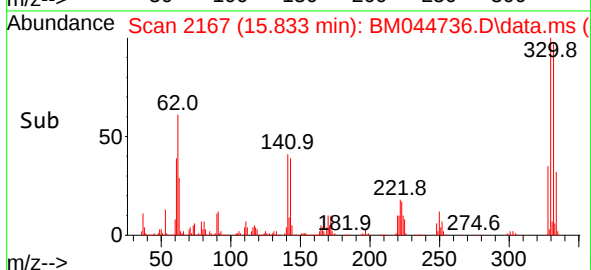
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

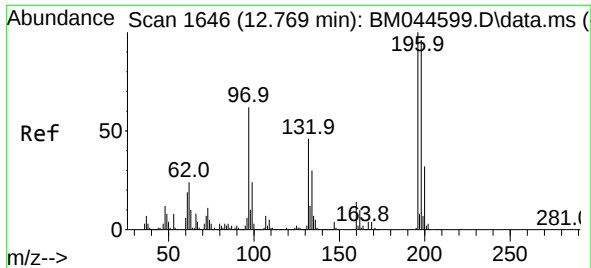


#42
2,4,6-Tribromophenol
Concen: 140.170 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01



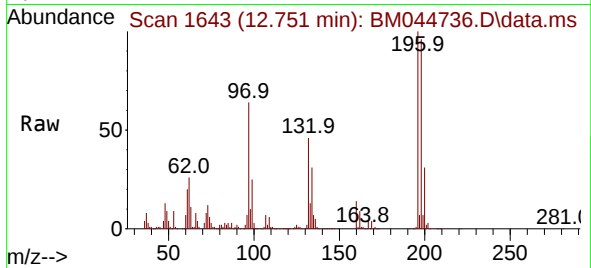
Tgt Ion:330 Resp: 632867
Ion Ratio Lower Upper
330 100
332 96.4 77.8 116.8
141 41.9 33.4 50.0





#43
2,4,6-Trichlorophenol
Concen: 49.428 ng
RT: 12.751 min Scan# 1643
Delta R.T. -0.018 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

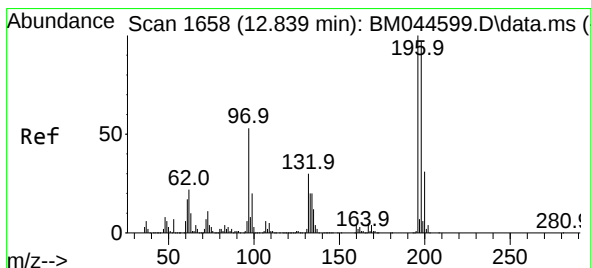
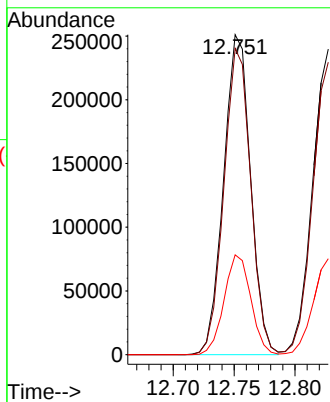
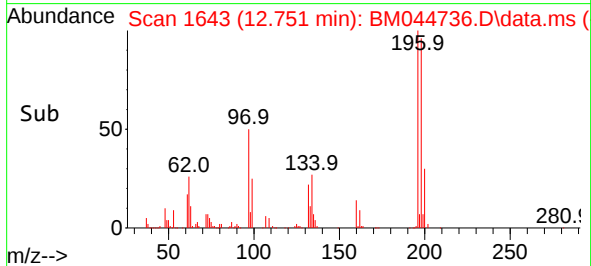
Instrument :
BNA_M
ClientSampleId :
PB159733BS



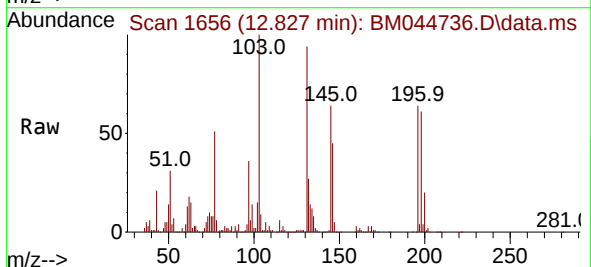
Tgt Ion:196 Resp: 387709
Ion Ratio Lower Upper
196 100
198 95.7 76.9 115.3
200 31.2 25.4 38.0

Manual Integrations
APPROVED

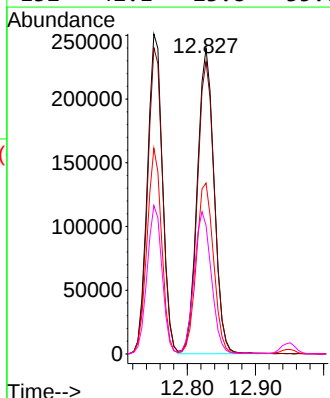
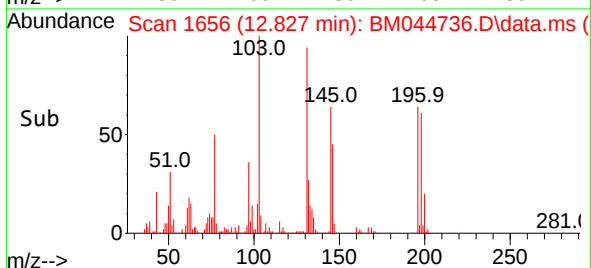
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

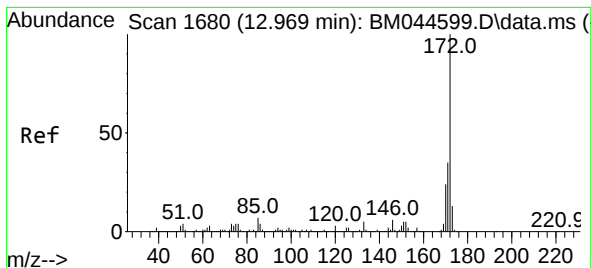


#44
2,4,5-Trichlorophenol
Concen: 44.426 ng
RT: 12.827 min Scan# 1656
Delta R.T. -0.012 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01



Tgt Ion:196 Resp: 412913
Ion Ratio Lower Upper
196 100
198 95.7 77.7 116.5
97 55.9 42.8 64.2
132 42.1 23.8 35.6#





#45

2-Fluorobiphenyl

Concen: 89.003 ng

RT: 12.951 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM044736.D

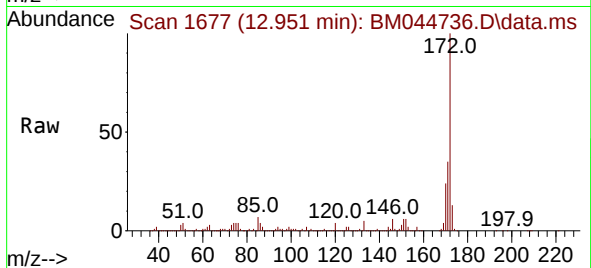
Acq: 22 Mar 2024 16:01

Instrument :

BNA_M

ClientSampleId :

PB159733BS



Tgt Ion:172 Resp: 264545

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

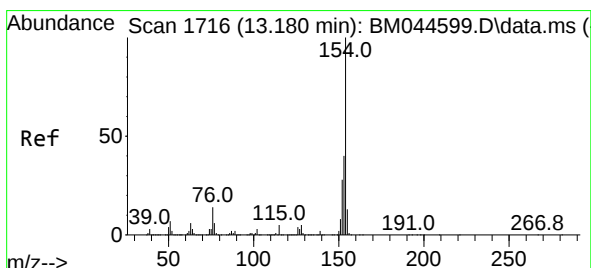
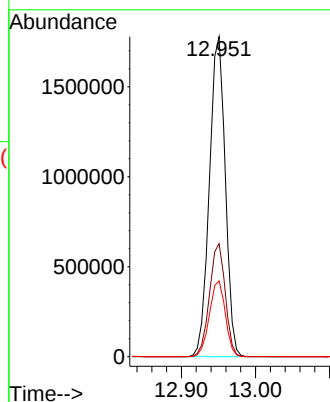
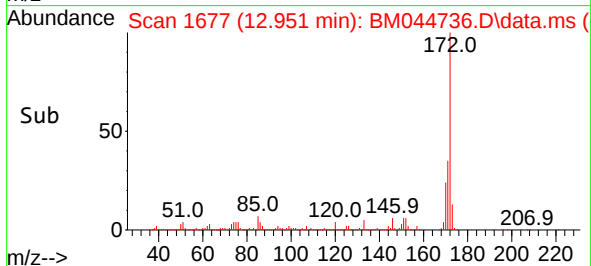
170 23.7 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/26/2024

Supervised By :mohammad ahmed 03/26/2024



#46

1,1'-Biphenyl

Concen: 46.872 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.018 min

Lab File: BM044736.D

Acq: 22 Mar 2024 16:01

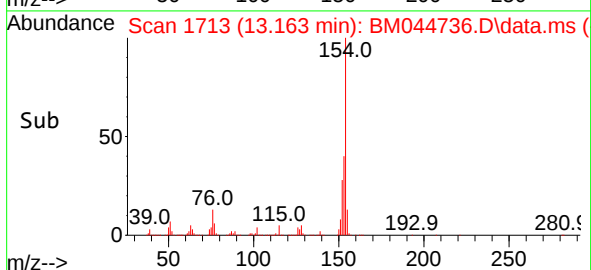
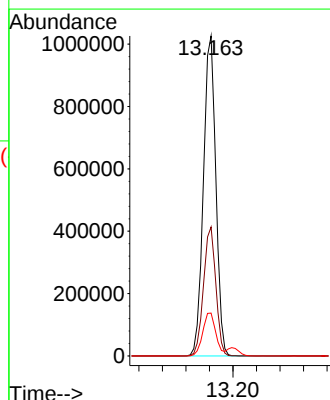
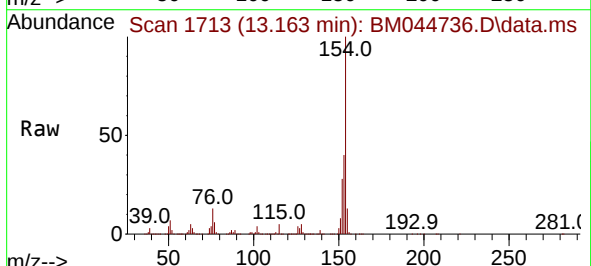
Tgt Ion:154 Resp: 1500644

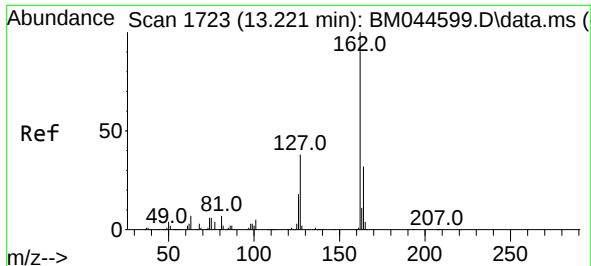
Ion Ratio Lower Upper

154 100

153 40.3 19.9 59.9

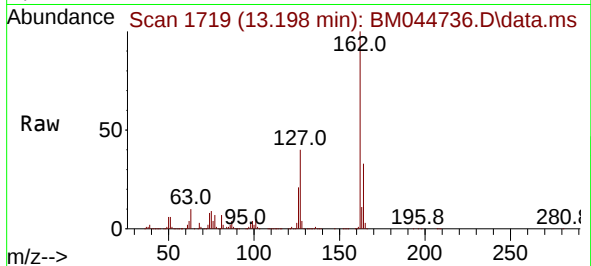
76 13.4 0.0 34.0





#47
2-Chloronaphthalene
Concen: 48.397 ng
RT: 13.198 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

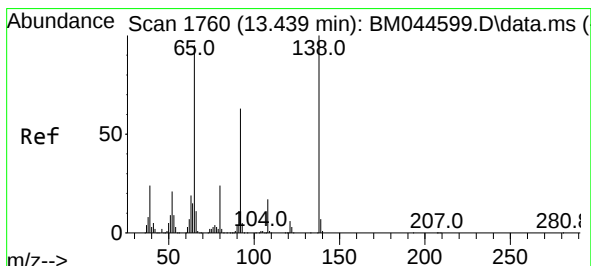
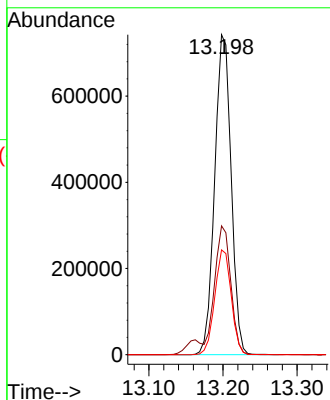
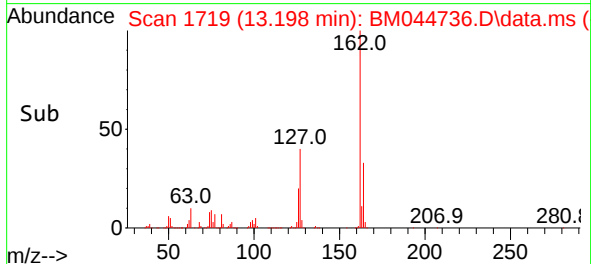
Instrument :
BNA_M
ClientSampleId :
PB159733BS



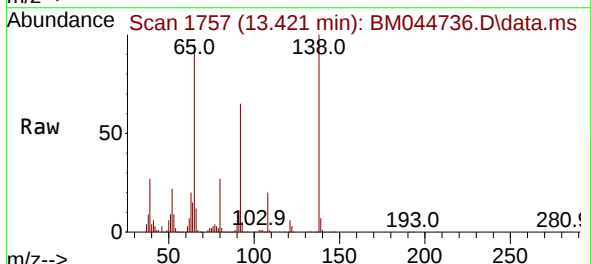
Tgt Ion:162 Resp: 114579
Ion Ratio Lower Upper
162 100
127 40.3 31.4 47.0
164 32.8 25.8 38.8

Manual Integrations
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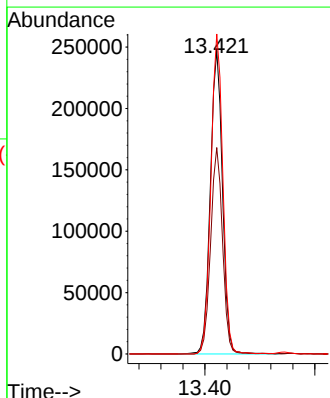
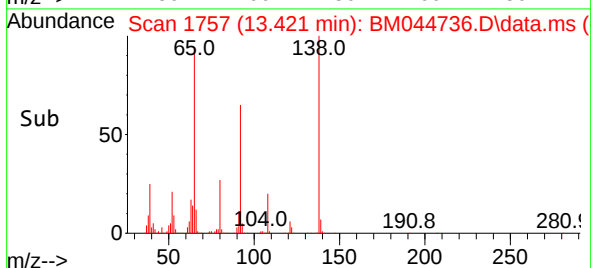
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

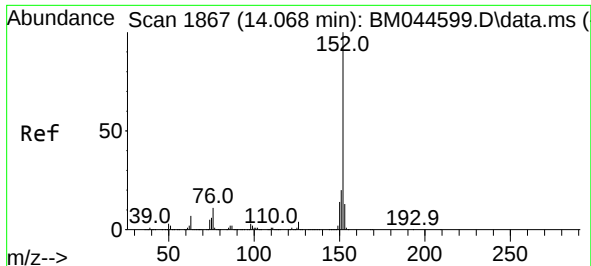


#48
2-Nitroaniline
Concen: 47.256 ng
RT: 13.421 min Scan# 1757
Delta R.T. -0.018 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01



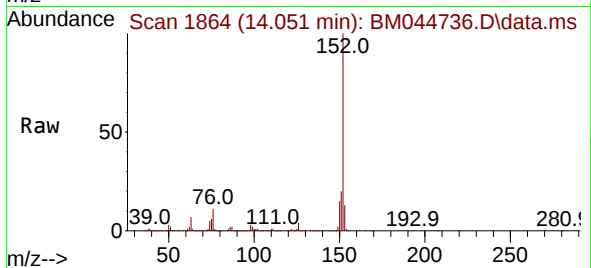
Tgt Ion: 65 Resp: 379605
Ion Ratio Lower Upper
65 100
92 68.0 53.3 79.9
138 105.4 84.3 126.5





#49
Acenaphthylene
Concen: 48.850 ng
RT: 14.051 min Scan# 1864
Delta R.T. -0.018 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

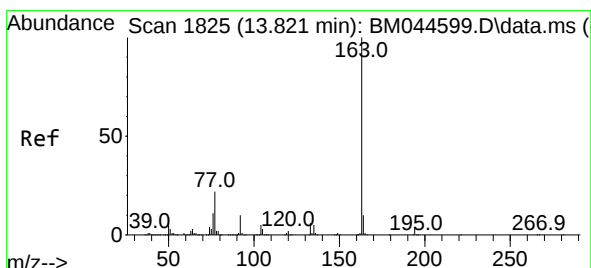
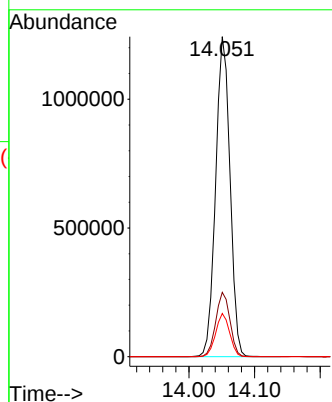
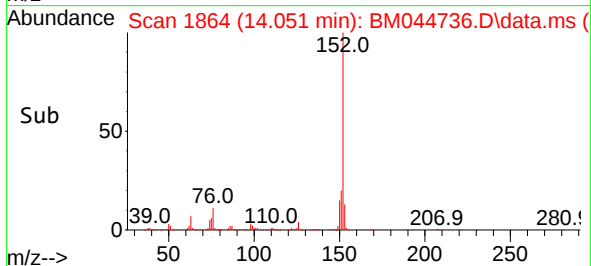
Instrument :
BNA_M
ClientSampleId :
PB159733BS



Tgt Ion:152 Resp: 188399
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.5 10.6 15.8

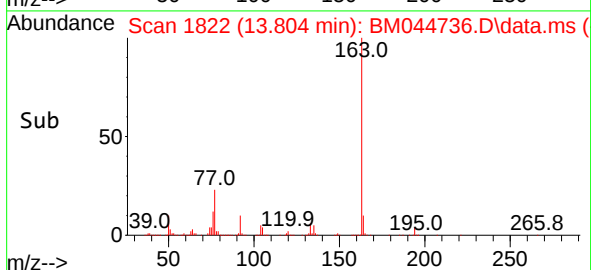
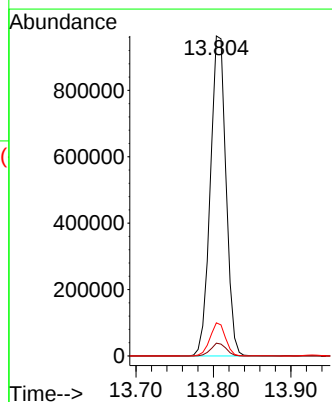
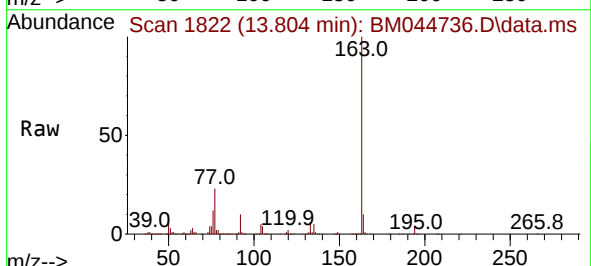
Manual Integrations
APPROVED

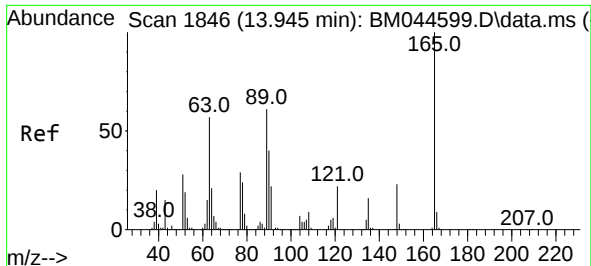
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#50
Dimethylphthalate
Concen: 44.192 ng
RT: 13.804 min Scan# 1822
Delta R.T. -0.017 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

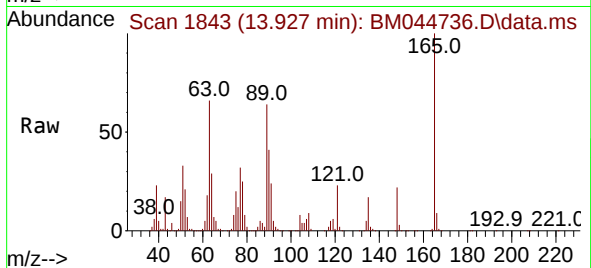
Tgt Ion:163 Resp: 1353083
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.4 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 45.559 ng
RT: 13.927 min Scan# 1843
Delta R.T. -0.018 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

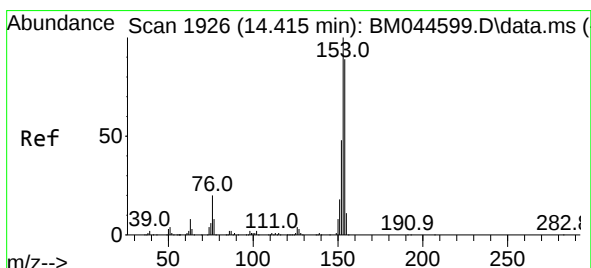
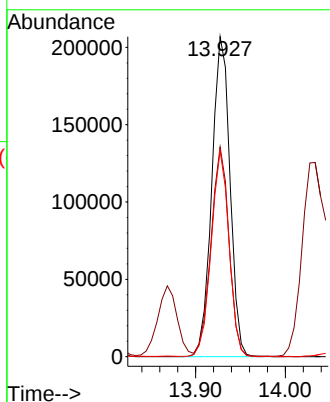
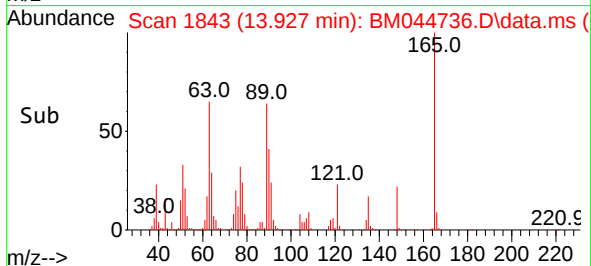
Instrument :
BNA_M
ClientSampleId :
PB159733BS



Tgt Ion:165 Resp: 290490
Ion Ratio Lower Upper
165 100
63 65.5 50.4 75.6
89 64.4 49.3 73.9

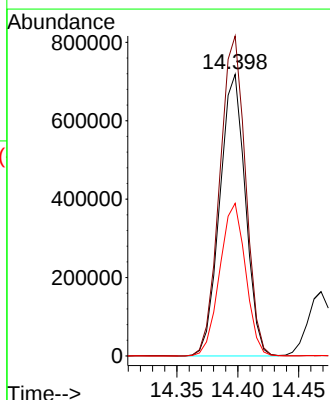
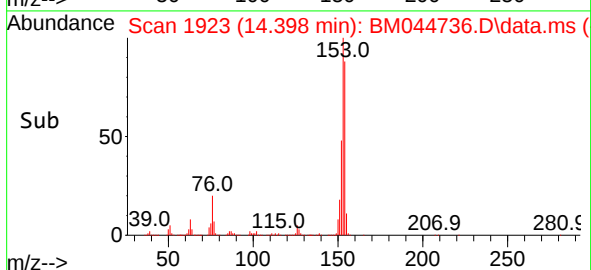
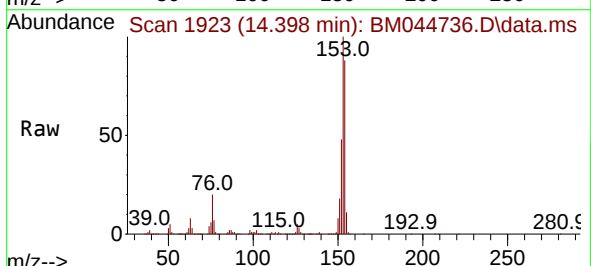
Manual Integrations
APPROVED

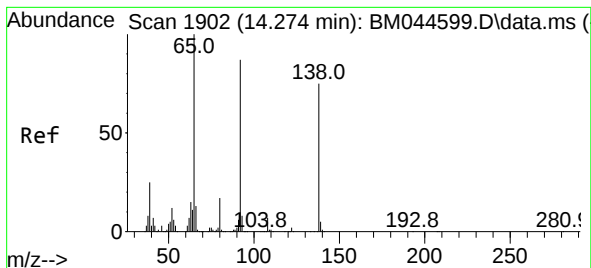
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#52
Acenaphthene
Concen: 45.101 ng
RT: 14.398 min Scan# 1923
Delta R.T. -0.018 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

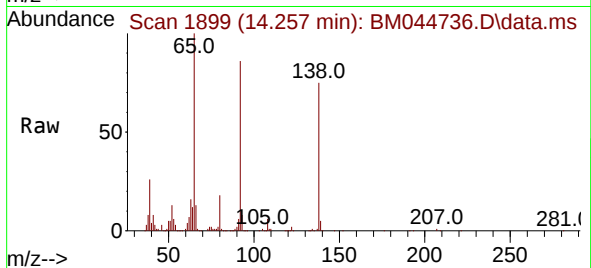
Tgt Ion:154 Resp: 1051484
Ion Ratio Lower Upper
154 100
153 113.6 90.3 135.5
152 54.2 43.1 64.7





#53
3-Nitroaniline
Concen: 31.412 ng
RT: 14.257 min Scan# 1899
Delta R.T. -0.017 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

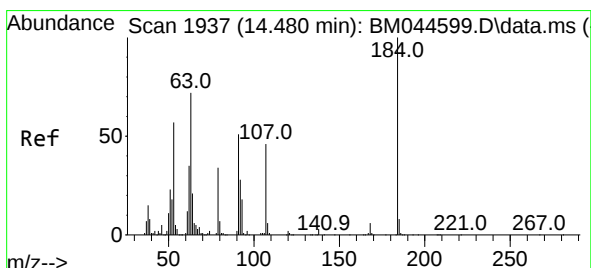
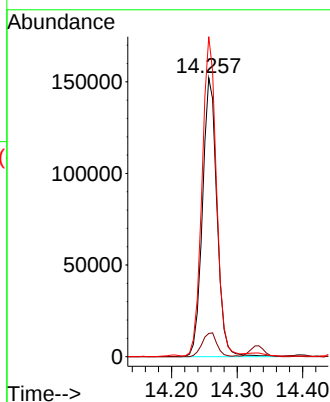
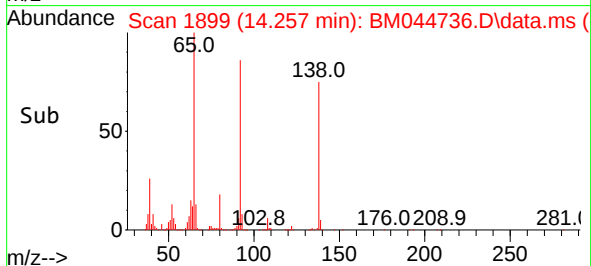
Instrument :
BNA_M
ClientSampleId :
PB159733BS



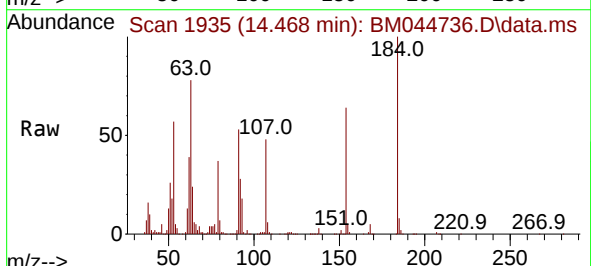
Tgt Ion:138 Resp: 234528
Ion Ratio Lower Upper
138 100
108 8.3 7.5 11.3
92 114.8 92.8 139.2

Manual Integrations
APPROVED

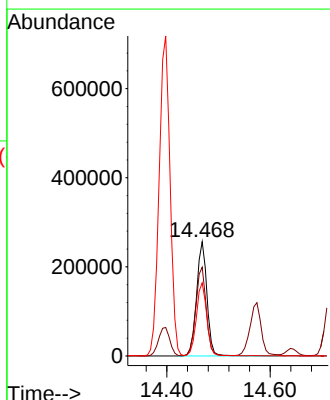
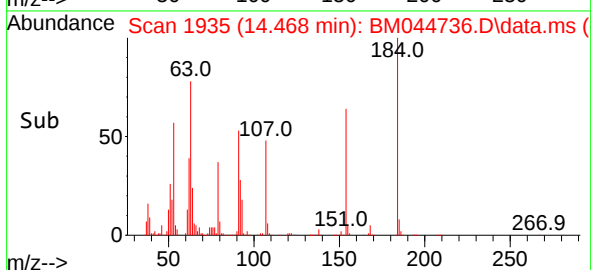
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

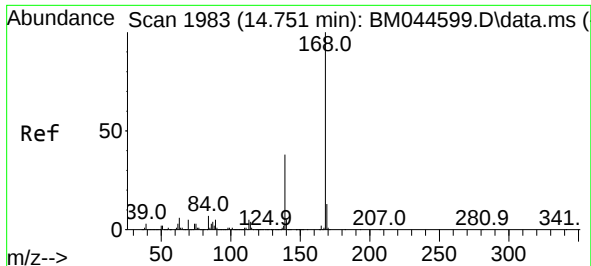


#54
2,4-Dinitrophenol
Concen: 85.278 ng
RT: 14.468 min Scan# 1935
Delta R.T. -0.012 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01



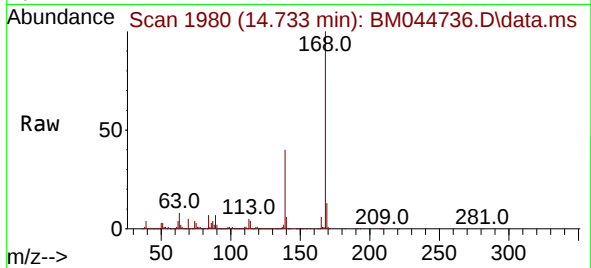
Tgt Ion:184 Resp: 357062
Ion Ratio Lower Upper
184 100
63 77.8 62.2 93.2
154 64.1 47.9 71.9





#55
Dibenzenofuran
Concen: 44.438 ng
RT: 14.733 min Scan# 1980
Delta R.T. -0.018 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

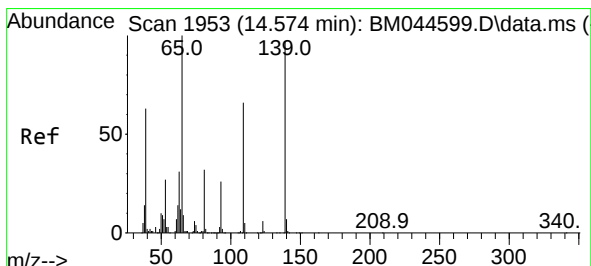
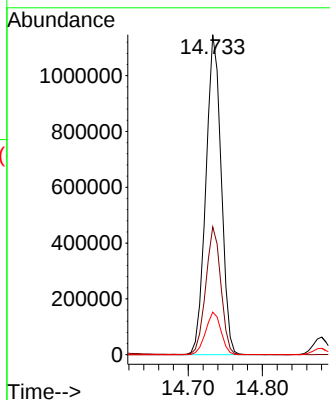
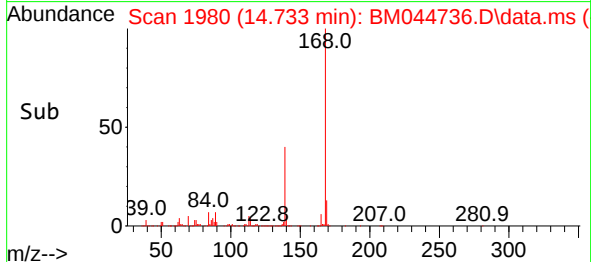
Instrument :
BNA_M
ClientSampleId :
PB159733BS



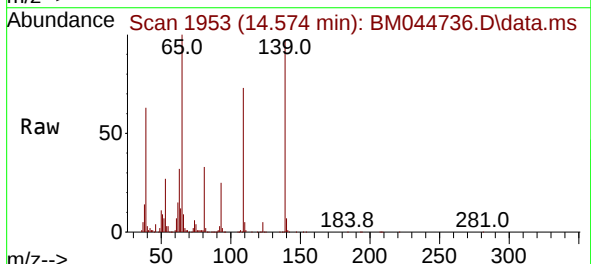
Tgt Ion:168 Resp: 164427
Ion Ratio Lower Upper
168 100
139 39.9 30.6 46.0
169 13.3 10.6 16.0

Manual Integrations
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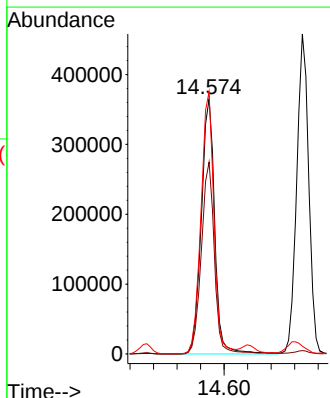
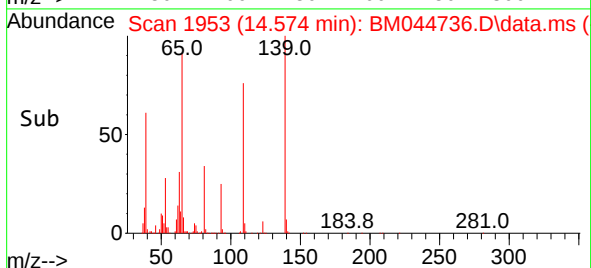
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

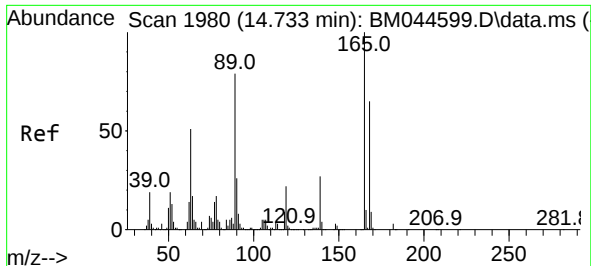


#56
4-Nitrophenol
Concen: 94.031 ng
RT: 14.574 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01



Tgt Ion:139 Resp: 576583
Ion Ratio Lower Upper
139 100
109 75.2 48.0 88.0
65 102.9 83.5 123.5





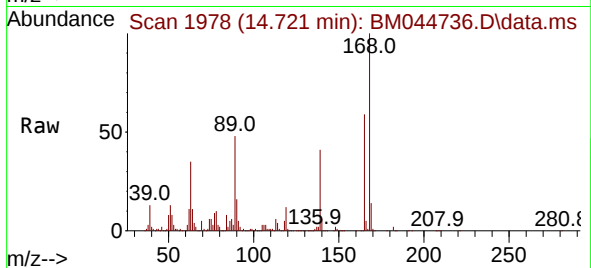
#57
2,4-Dinitrotoluene
Concen: 47.856 ng
RT: 14.721 min Scan# 1980
Delta R.T. -0.012 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

Instrument :

BNA_M

ClientSampleId :

PB159733BS



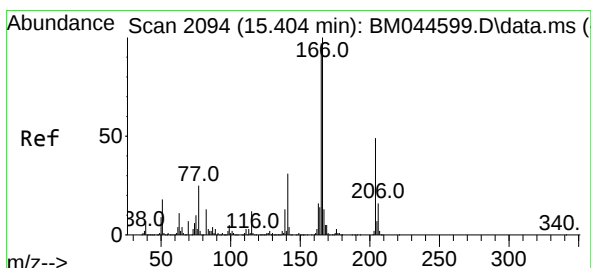
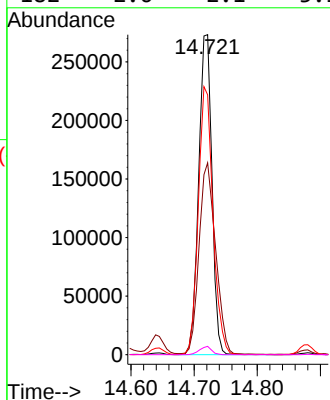
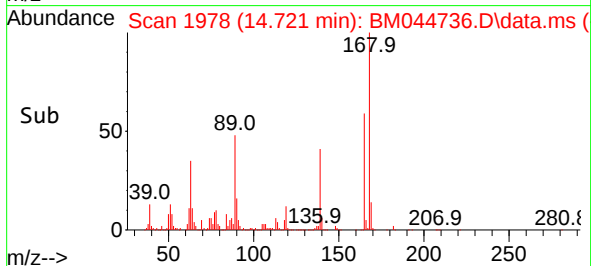
Tgt Ion:165 Resp: 398700
Ion Ratio Lower Upper
165 100
63 60.0 40.9 61.3
89 81.2 63.4 95.0
182 2.6 2.1 3.1

Manual Integrations

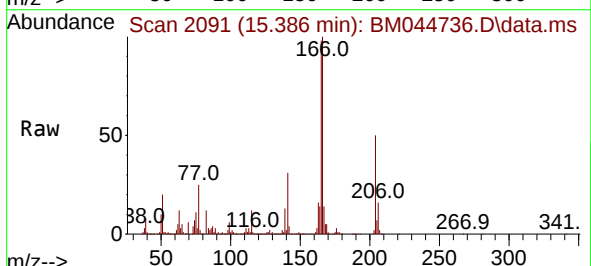
APPROVED

Reviewed By :Yogesh Patel 03/26/2024

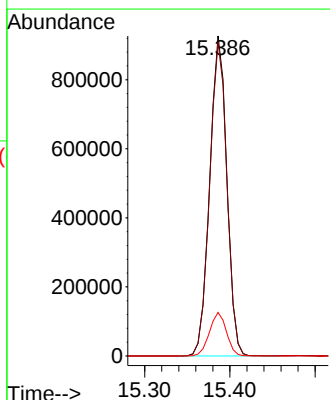
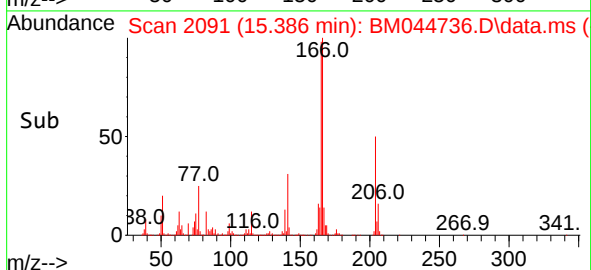
Supervised By :mohammad ahmed 03/26/2024

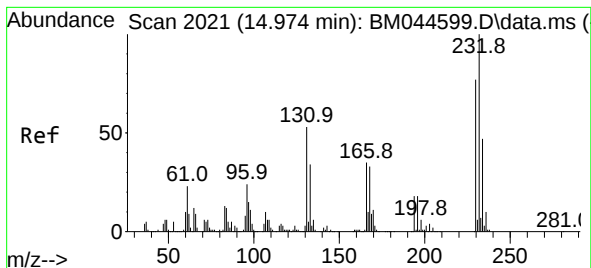


#58
Fluorene
Concen: 44.945 ng
RT: 15.386 min Scan# 2091
Delta R.T. -0.018 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01



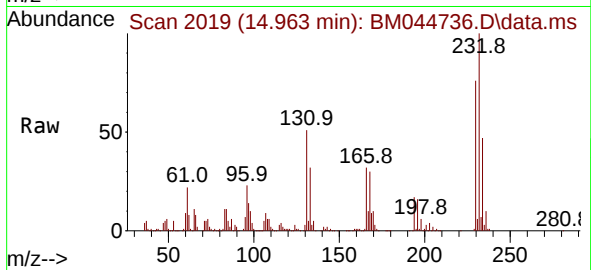
Tgt Ion:166 Resp: 1295087
Ion Ratio Lower Upper
166 100
165 98.0 77.7 116.5
167 13.6 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.248 ng
RT: 14.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

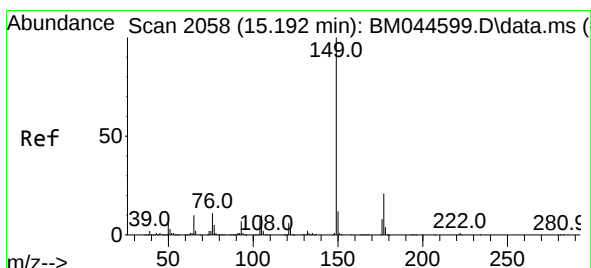
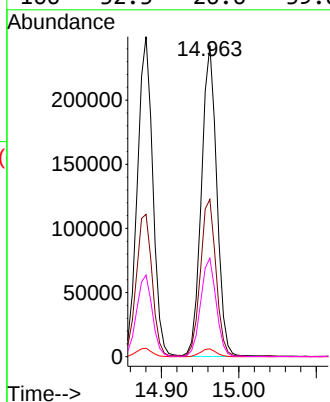
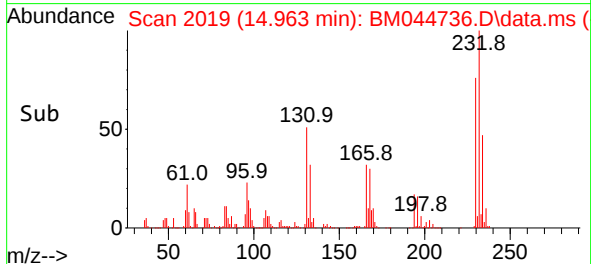
Instrument :
BNA_M
ClientSampleId :
PB159733BS



Tgt Ion:232 Resp: 333730
Ion Ratio Lower Upper
232 100
131 51.3 41.0 61.4
130 2.6 2.1 3.1
166 32.3 26.6 39.8

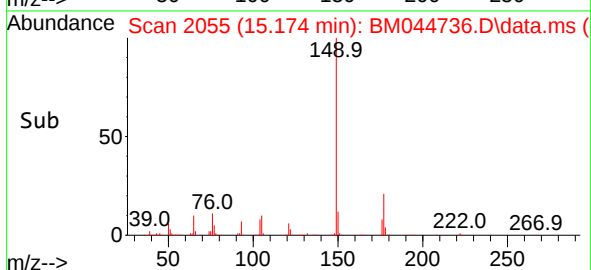
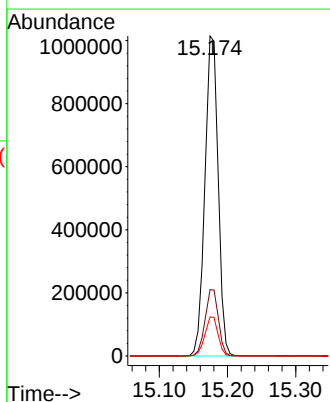
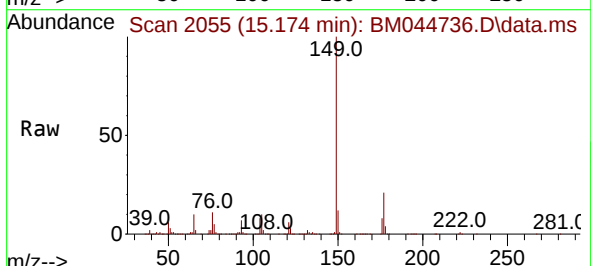
Manual Integrations
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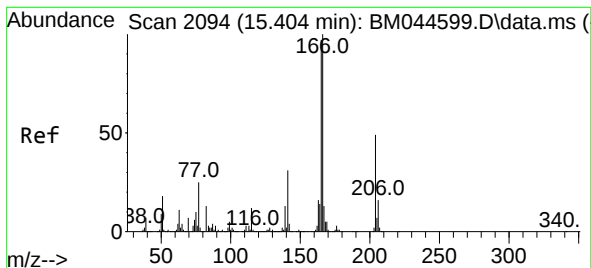
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#60
Diethylphthalate
Concen: 44.251 ng
RT: 15.174 min Scan# 2055
Delta R.T. -0.018 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

Tgt Ion:149 Resp: 1371565
Ion Ratio Lower Upper
149 100
177 20.7 16.8 25.2
150 12.2 9.8 14.8





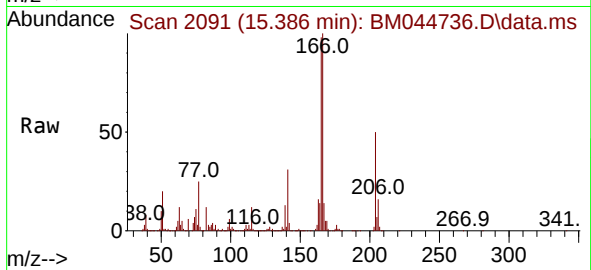
#61
4-Chlorophenyl-phenylether
Concen: 44.596 ng
RT: 15.386 min Scan# 2094
Delta R.T. -0.018 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

Instrument :

BNA_M

ClientSampleId :

PB159733BS

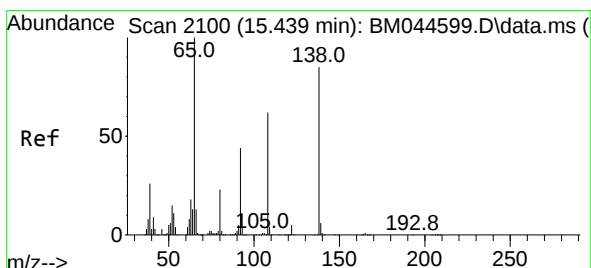
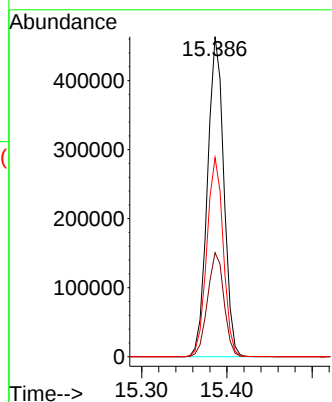
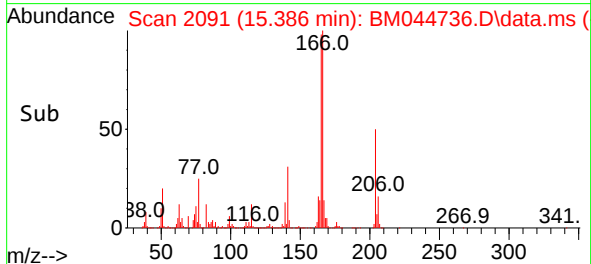


Tgt Ion:204 Resp: 616900
Ion Ratio Lower Upper
204 100
206 32.5 25.9 38.9
141 62.2 49.8 74.8

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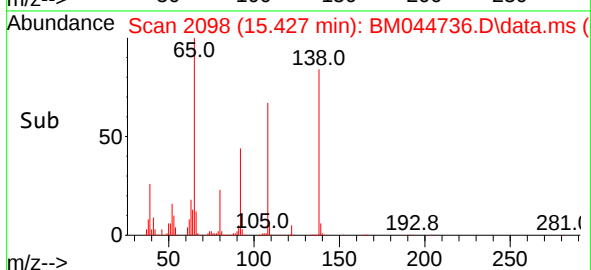
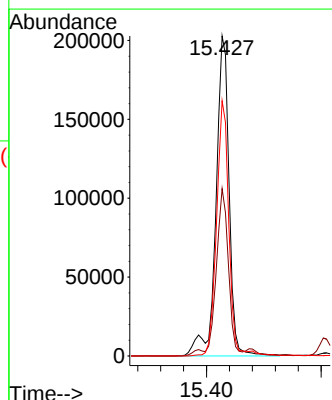
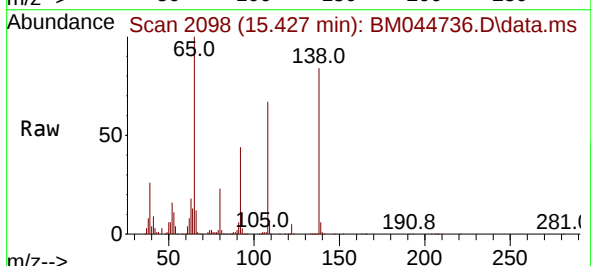
APPROVED

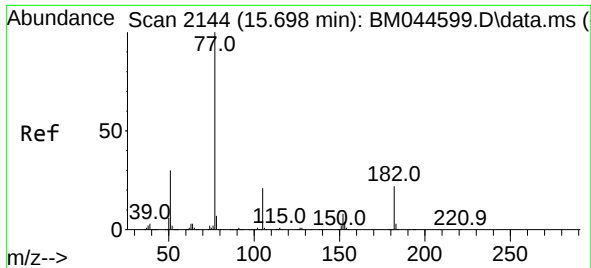
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#62
4-Nitroaniline
Concen: 43.480 ng m
RT: 15.427 min Scan# 2098
Delta R.T. -0.012 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

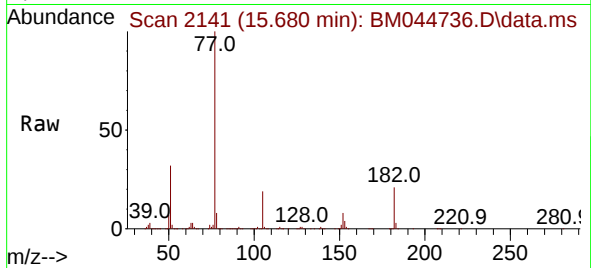
Tgt Ion:138 Resp: 324275
Ion Ratio Lower Upper
138 100
92 52.3 31.9 71.9
108 79.7 53.7 93.7





#63
Azobenzene
Concen: 45.359 ng
RT: 15.680 min Scan# 2141
Delta R.T. -0.018 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

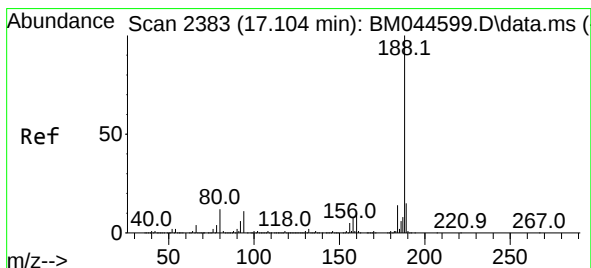
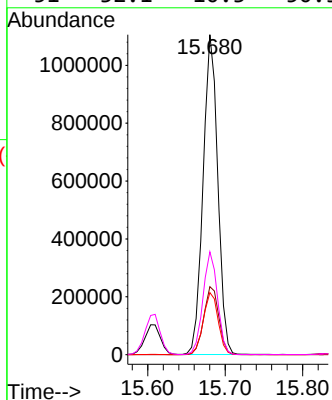
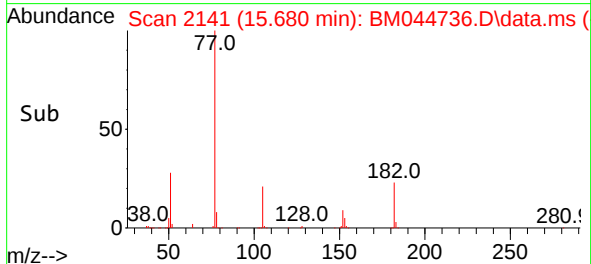
Instrument :
BNA_M
ClientSampleId :
PB159733BS



Tgt Ion: 77 Resp: 145326
Ion Ratio Lower Upper
77 100
182 21.3 1.8 41.8
105 19.4 0.7 40.7
51 32.1 10.3 50.3

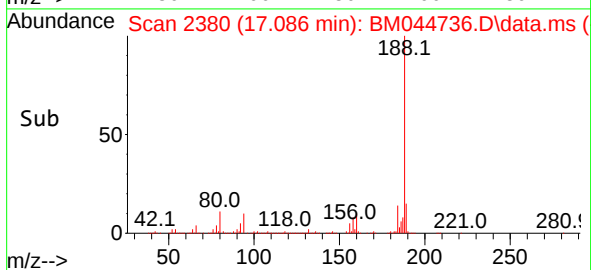
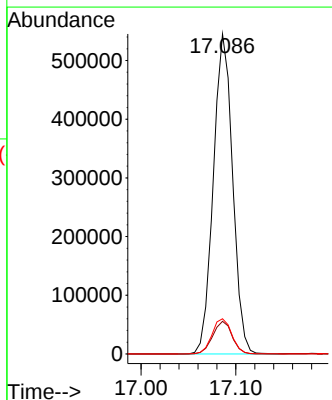
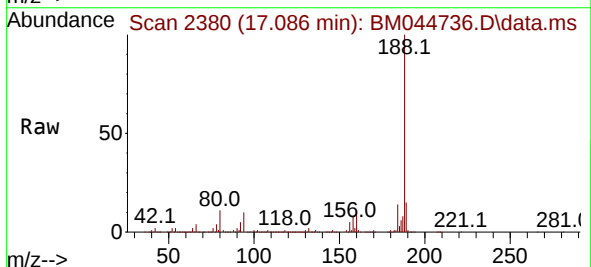
Manual Integrations
APPROVED

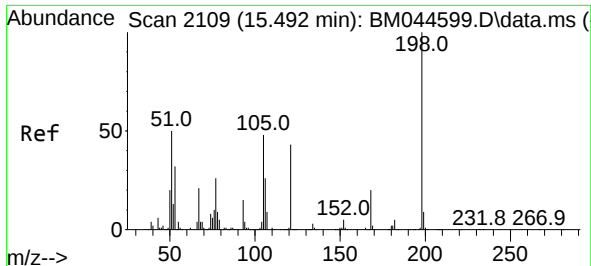
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.018 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

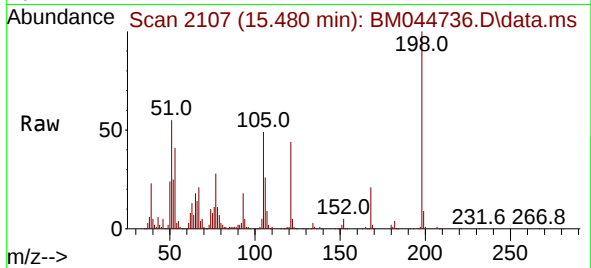
Tgt Ion:188 Resp: 772036
Ion Ratio Lower Upper
188 100
94 10.2 8.4 12.6
80 11.0 9.4 14.0





#65
4,6-Dinitro-2-methylphenol
Concen: 44.116 ng
RT: 15.480 min Scan# 2109
Delta R.T. -0.012 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

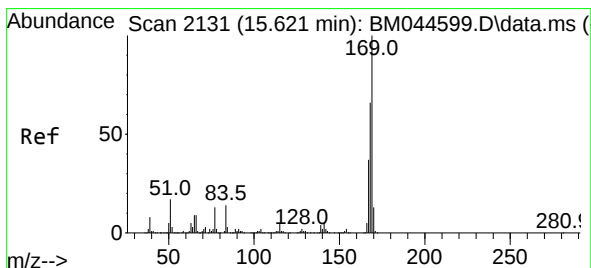
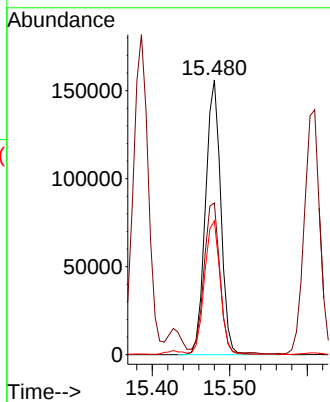
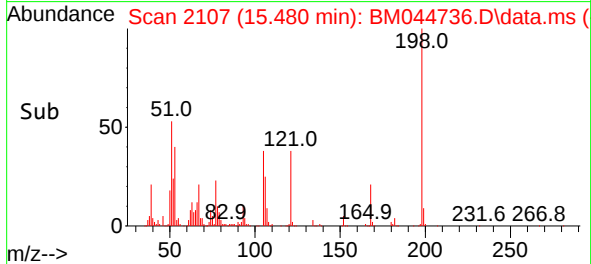
Instrument :
BNA_M
ClientSampleId :
PB159733BS



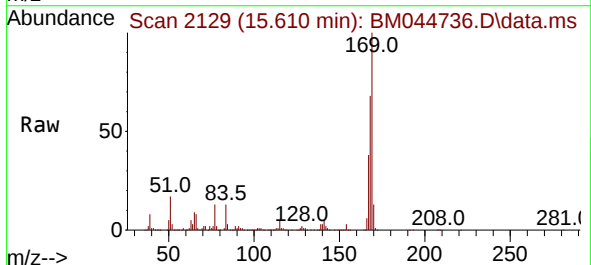
Tgt Ion:198 Resp: 213591
Ion Ratio Lower Upper
198 100
51 55.2 35.0 75.0
105 48.7 28.5 68.5

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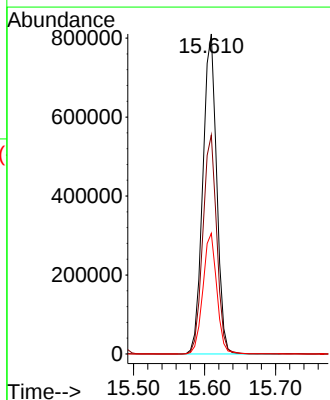
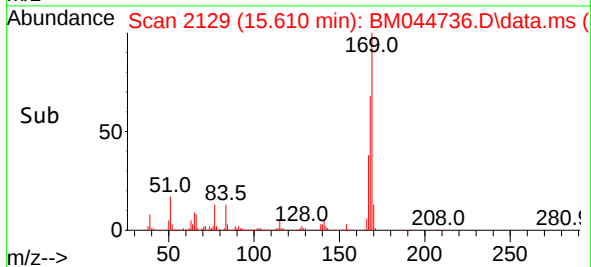
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

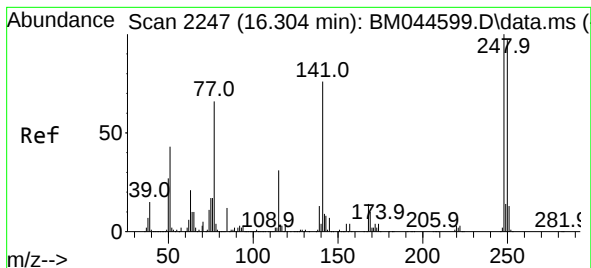


#66
n-Nitrosodiphenylamine
Concen: 45.667 ng
RT: 15.610 min Scan# 2129
Delta R.T. -0.011 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01



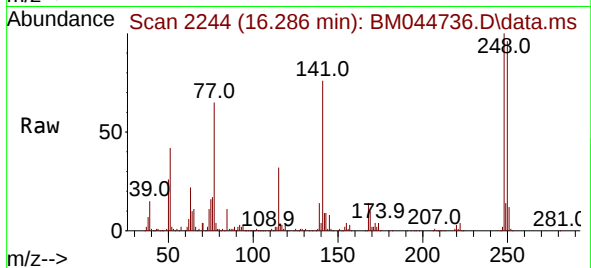
Tgt Ion:169 Resp: 1098796
Ion Ratio Lower Upper
169 100
168 68.4 53.1 79.7
167 37.7 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 45.741 ng
RT: 16.286 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

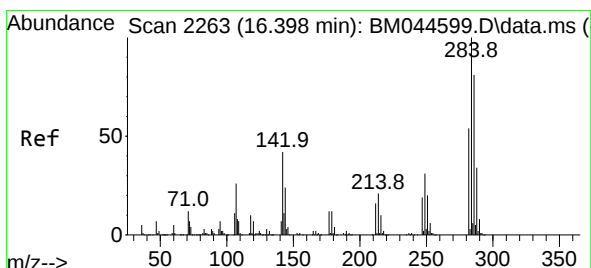
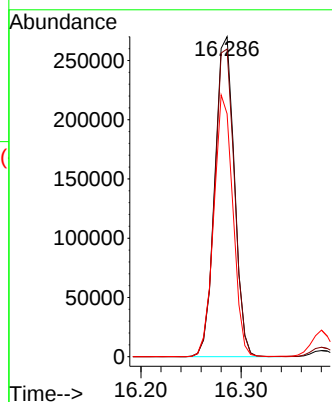
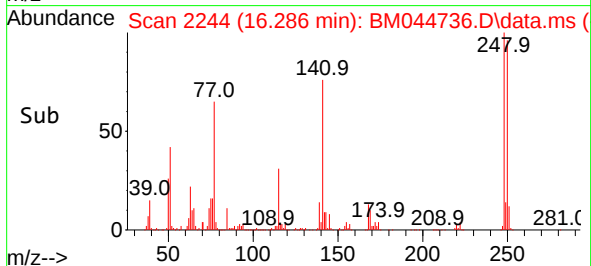
Instrument :
BNA_M
ClientSampleId :
PB159733BS



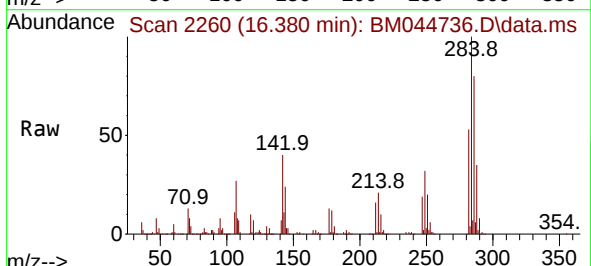
Tgt Ion:248 Resp: 365272
Ion Ratio Lower Upper
248 100
250 96.1 77.8 116.8
141 75.9 60.6 90.8

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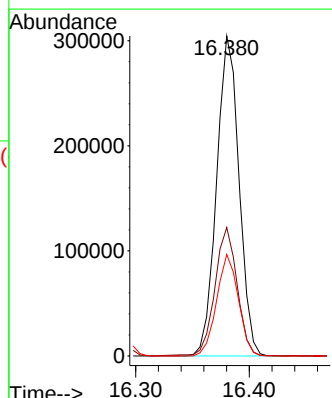
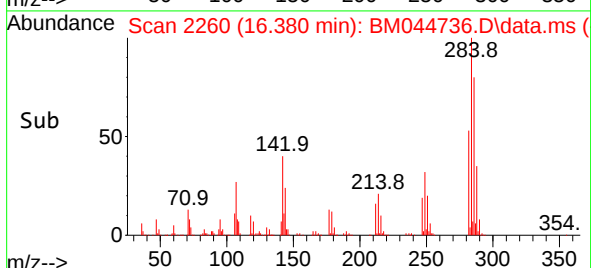
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

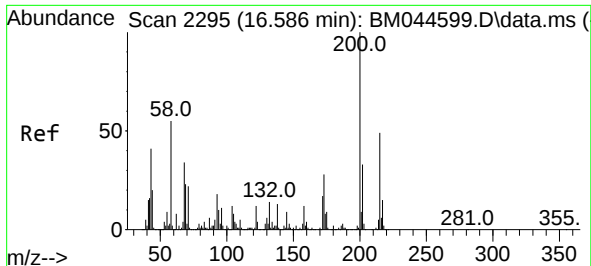


#68
Hexachlorobenzene
Concen: 49.178 ng
RT: 16.380 min Scan# 2260
Delta R.T. -0.018 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01



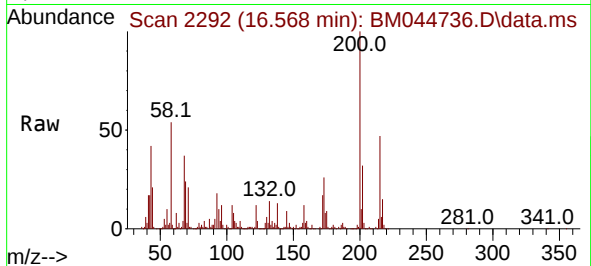
Tgt Ion:284 Resp: 417456
Ion Ratio Lower Upper
284 100
142 40.2 33.7 50.5
249 31.7 24.8 37.2





#69
 Atrazine
 Concen: 41.329 ng
 RT: 16.568 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BM044736.D
 Acq: 22 Mar 2024 16:01

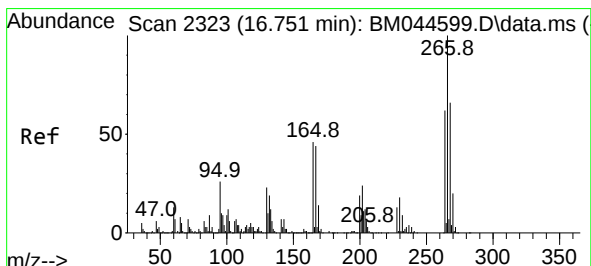
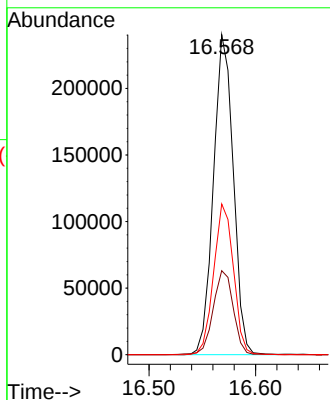
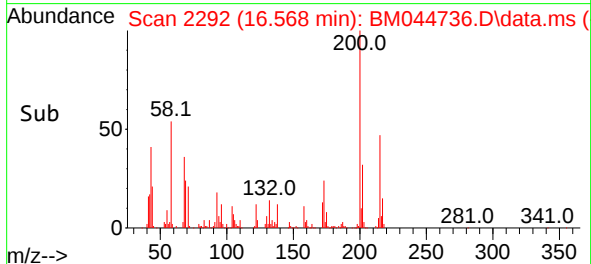
Instrument :
 BNA_M
 ClientSampleId :
 PB159733BS



Tgt Ion:200 Resp: 310738
 Ion Ratio Lower Upper
 200 100
 173 26.3 7.7 47.7
 215 47.1 28.7 68.7

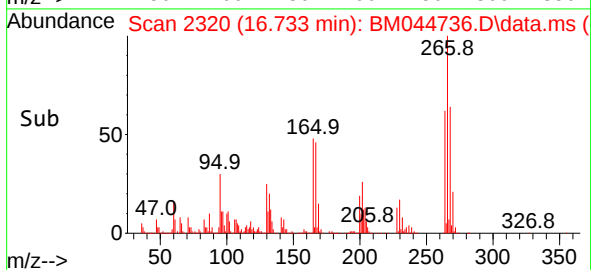
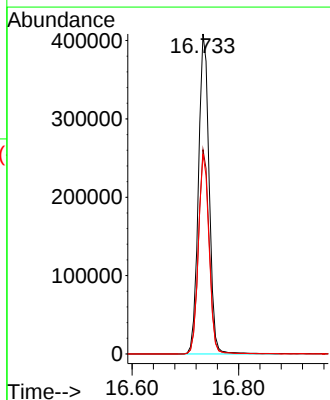
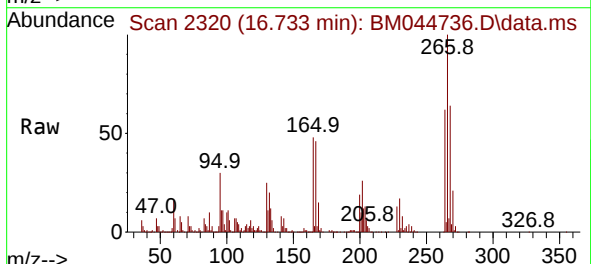
Manual Integrations
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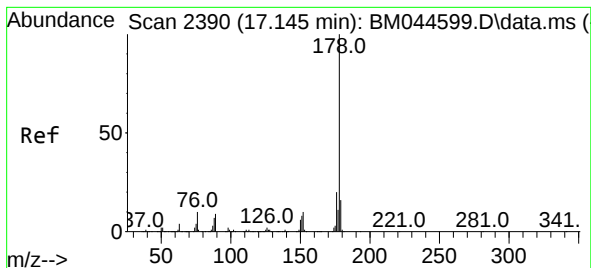
Reviewed By :Yogesh Patel 03/26/2024
 Supervised By :mohammad ahmed 03/26/2024



#70
 Pentachlorophenol
 Concen: 93.204 ng
 RT: 16.733 min Scan# 2320
 Delta R.T. -0.018 min
 Lab File: BM044736.D
 Acq: 22 Mar 2024 16:01

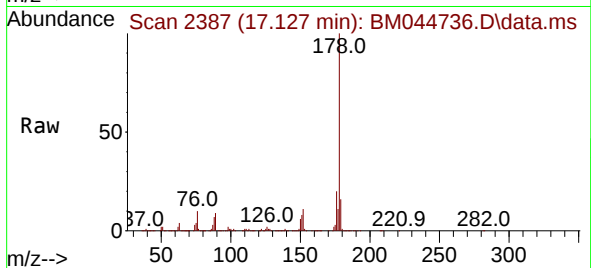
Tgt Ion:266 Resp: 569106
 Ion Ratio Lower Upper
 266 100
 268 63.9 52.4 78.6
 264 62.5 49.8 74.8





#71
Phenanthrene
Concen: 45.199 ng
RT: 17.127 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

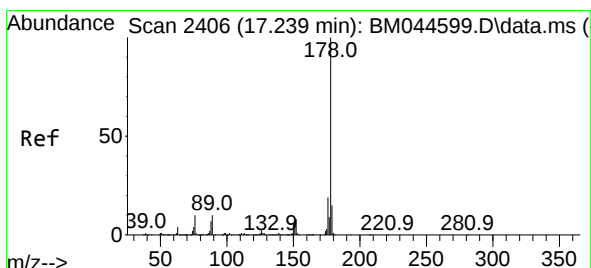
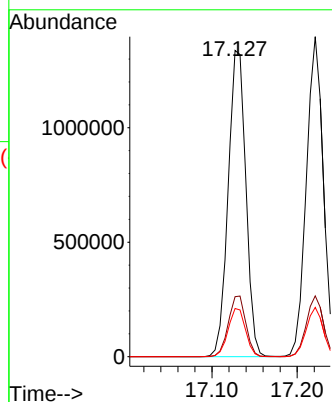
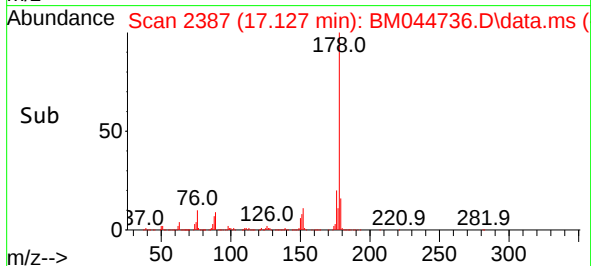
Instrument :
BNA_M
ClientSampleId :
PB159733BS



Tgt Ion:178 Resp: 192838
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 15.7 12.4 18.6

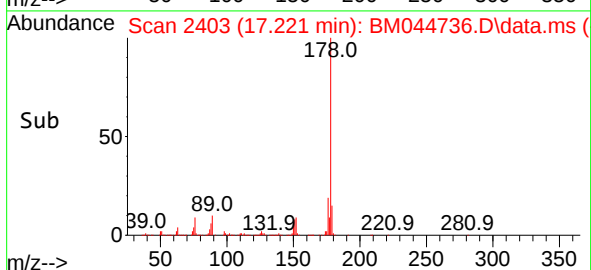
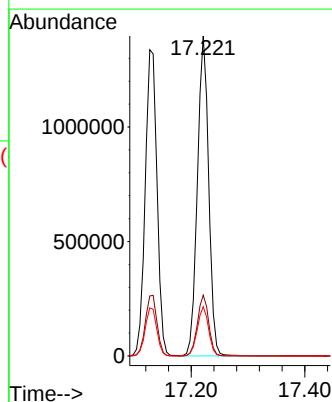
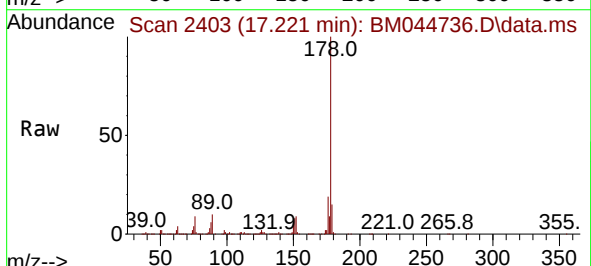
Manual Integrations
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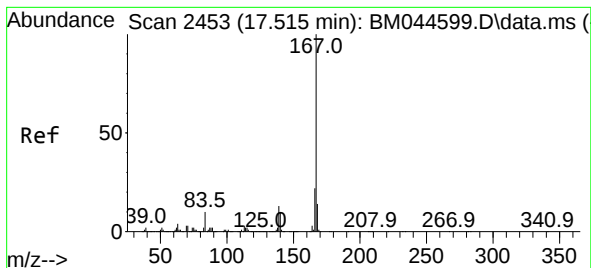
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#72
Anthracene
Concen: 45.214 ng
RT: 17.221 min Scan# 2403
Delta R.T. -0.018 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

Tgt Ion:178 Resp: 1934726
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.4 12.2 18.4





#73

Carbazole

Concen: 45.726 ng

RT: 17.498 min Scan# 24

Delta R.T. -0.018 min

Lab File: BM044736.D

Acq: 22 Mar 2024 16:01

Instrument :

BNA_M

ClientSampleId :

PB159733BS

Tgt Ion:167 Resp: 1842809

Ion Ratio Lower Upper

167 100

166 22.1 17.2 25.8

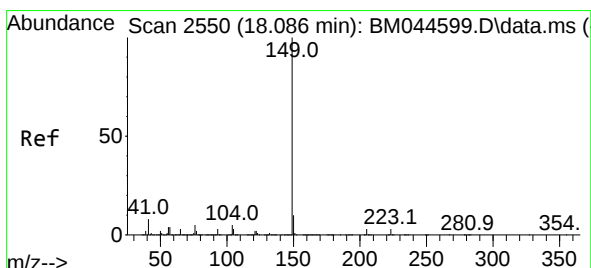
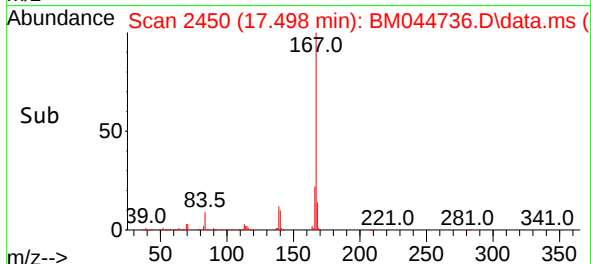
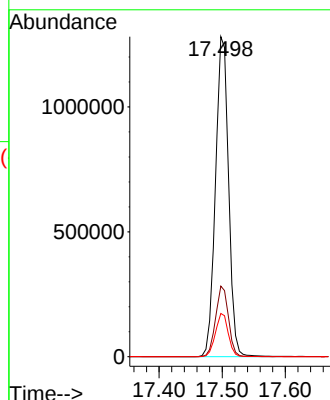
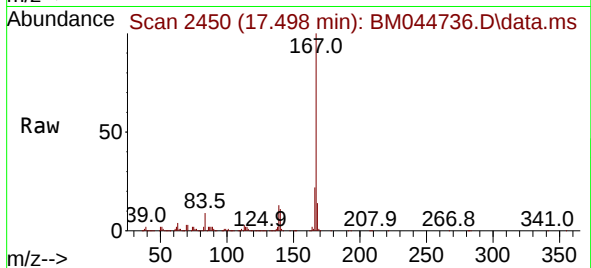
139 13.5 10.6 15.8

Manual Integrations

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Reviewed By :Yogesh Patel 03/26/2024

Supervised By :mohammad ahmed 03/26/2024



#74

Di-n-butylphthalate

Concen: 45.576 ng

RT: 18.068 min Scan# 2547

Delta R.T. -0.018 min

Lab File: BM044736.D

Acq: 22 Mar 2024 16:01

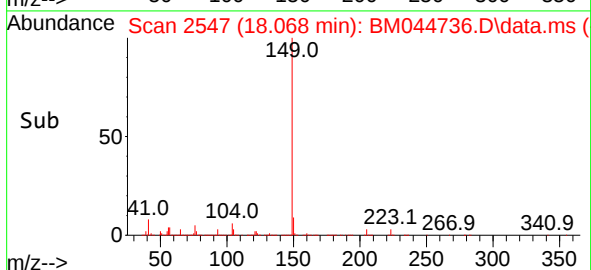
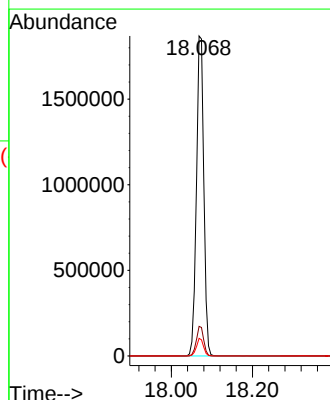
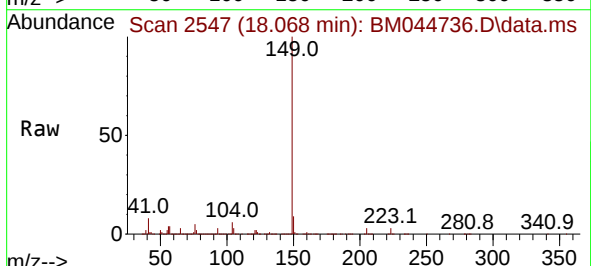
Tgt Ion:149 Resp: 2366741

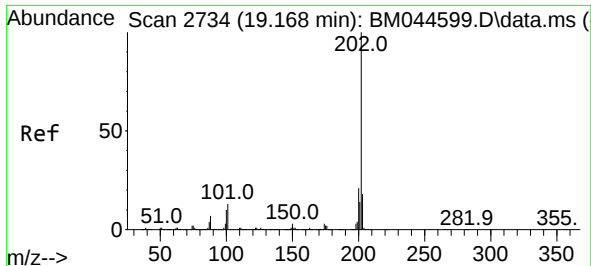
Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

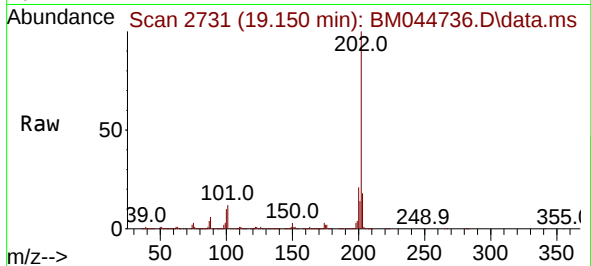
104 5.5 4.0 6.0





#75
Fluoranthene
Concen: 44.488 ng
RT: 19.150 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

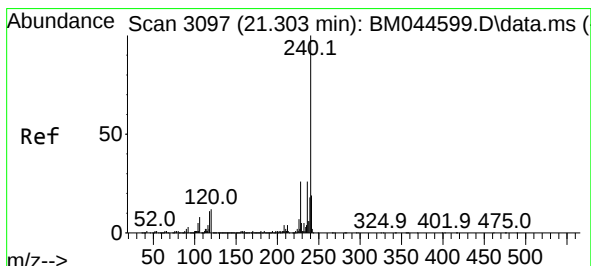
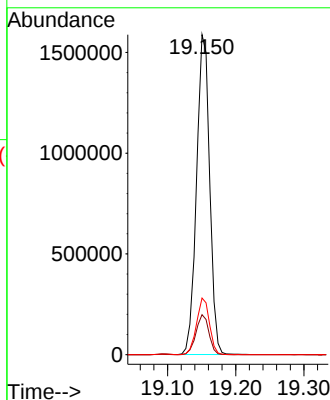
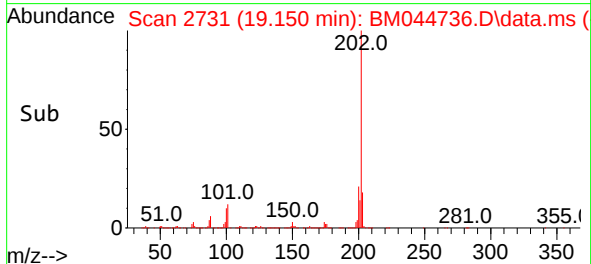
Instrument :
BNA_M
ClientSampleId :
PB159733BS



Tgt Ion:202 Resp: 212175
Ion Ratio Lower Upper
202 100
101 12.5 0.0 33.3
203 17.7 0.0 37.7

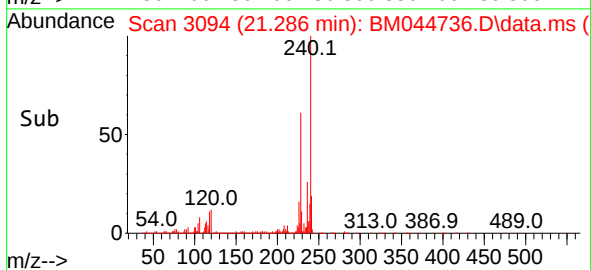
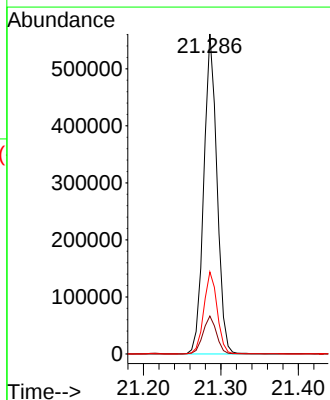
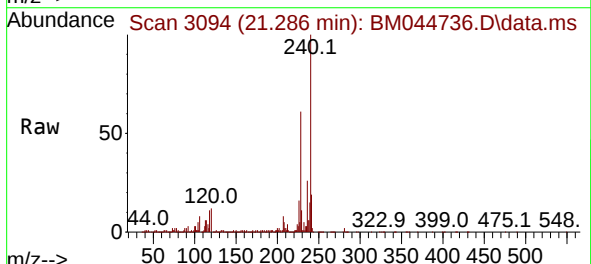
Manual Integrations
APPROVED

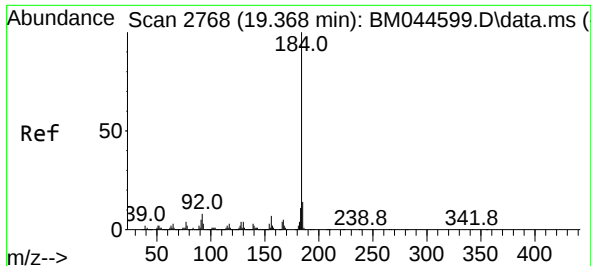
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.286 min Scan# 3094
Delta R.T. -0.018 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

Tgt Ion:240 Resp: 662944
Ion Ratio Lower Upper
240 100
120 11.9 9.7 14.5
236 25.7 21.0 31.4





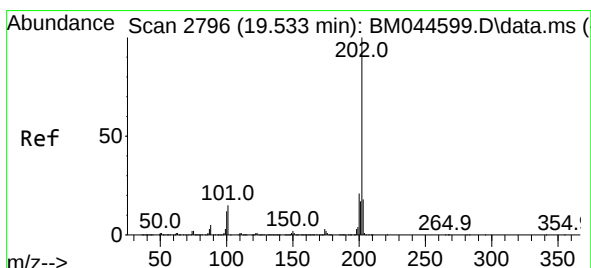
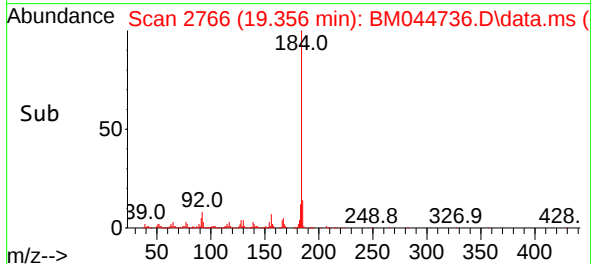
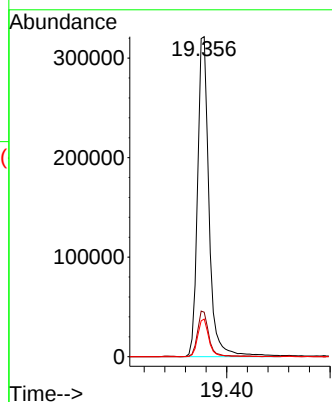
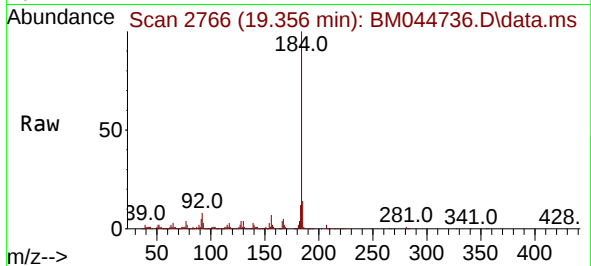
#77
Benzidine
Concen: 28.882 ng
RT: 19.356 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

Instrument :
BNA_M
ClientSampleId :
PB159733BS

Tgt Ion:184 Resp: 494860
Ion Ratio Lower Upper
184 100
185 13.9 11.0 16.6
183 11.8 8.7 13.1

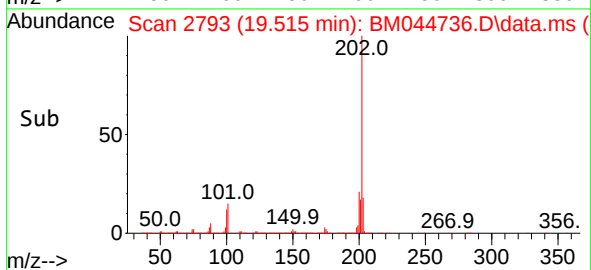
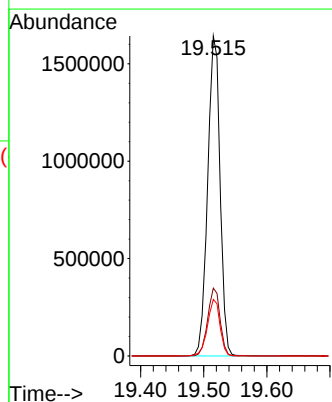
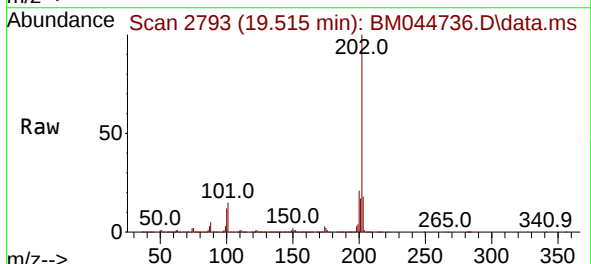
Manual Integrations
APPROVED

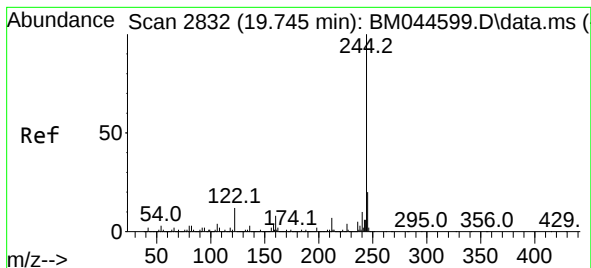
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#78
Pyrene
Concen: 46.162 ng
RT: 19.515 min Scan# 2793
Delta R.T. -0.018 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

Tgt Ion:202 Resp: 2242961
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.7 14.1 21.1





#79

Terphenyl-d14

Concen: 88.722 ng

RT: 19.733 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM044736.D

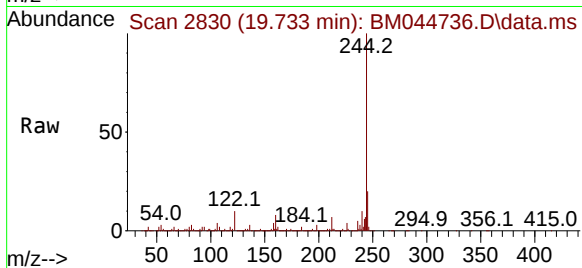
Acq: 22 Mar 2024 16:01

Instrument :

BNA_M

ClientSampleId :

PB159733BS



Tgt Ion:244 Resp: 3362274

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

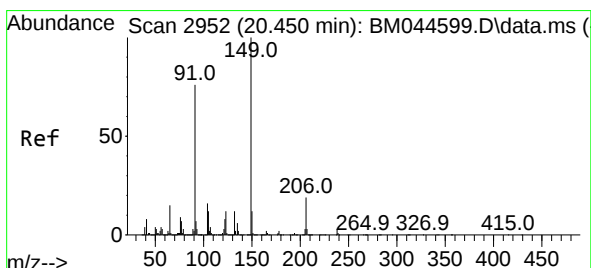
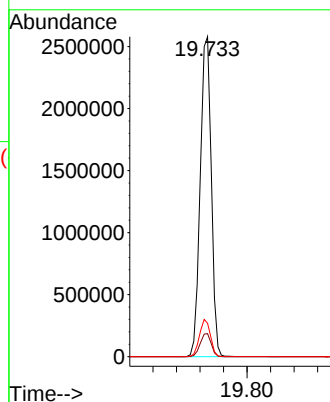
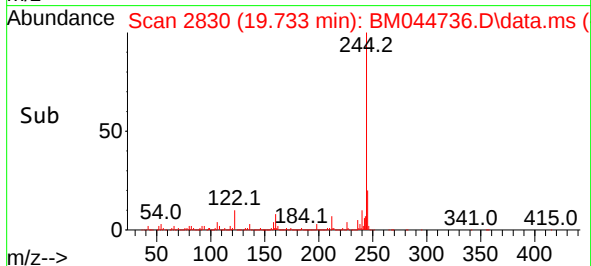
122 10.5 9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/26/2024

Supervised By :mohammad ahmed 03/26/2024



#80

Butylbenzylphthalate

Concen: 47.636 ng

RT: 20.439 min Scan# 2950

Delta R.T. -0.012 min

Lab File: BM044736.D

Acq: 22 Mar 2024 16:01

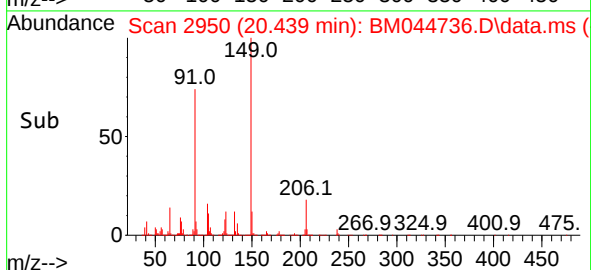
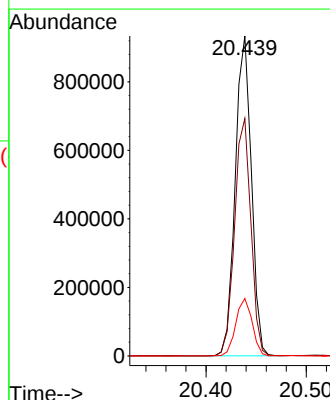
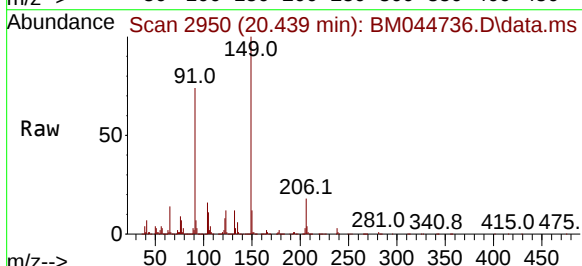
Tgt Ion:149 Resp: 1043122

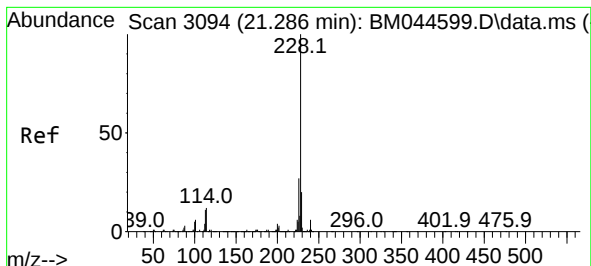
Ion Ratio Lower Upper

149 100

91 74.2 61.0 91.6

206 18.0 15.0 22.6





#81

Benzo(a)anthracene

Concen: 46.106 ng

RT: 21.274 min Scan# 3094

Delta R.T. -0.012 min

Lab File: BM044736.D

Acq: 22 Mar 2024 16:01

Instrument :

BNA_M

ClientSampleId :

PB159733BS

Tgt Ion:228 Resp: 212674

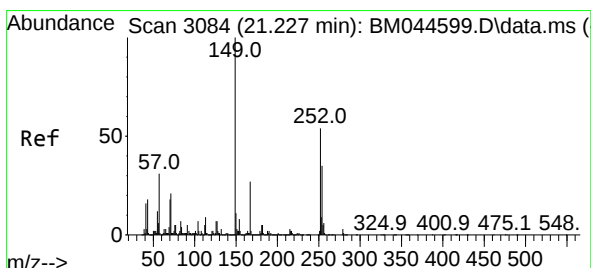
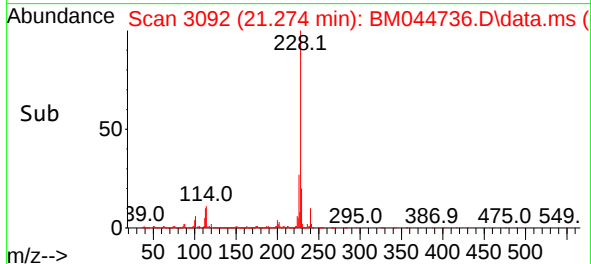
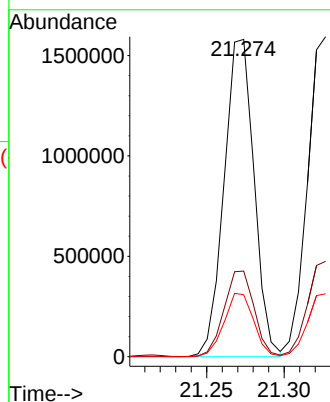
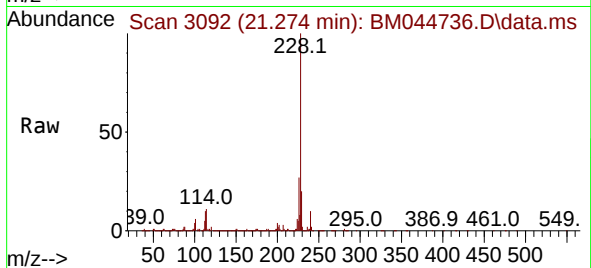
Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.9	32.9
229	19.5	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/26/2024

Supervised By :mohammad ahmed 03/26/2024



#82

3,3'-Dichlorobenzidine

Concen: 38.872 ng

RT: 21.215 min Scan# 3082

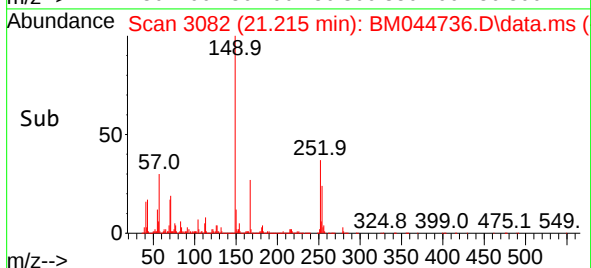
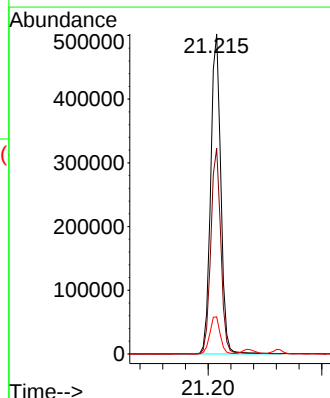
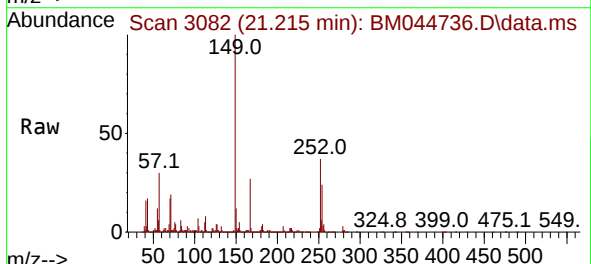
Delta R.T. -0.012 min

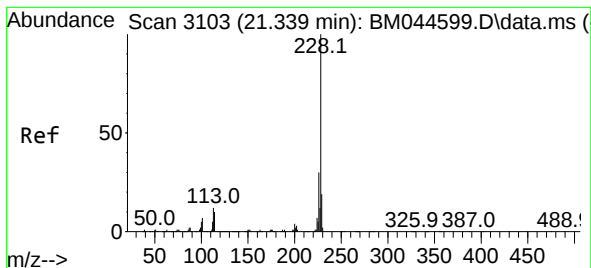
Lab File: BM044736.D

Acq: 22 Mar 2024 16:01

Tgt Ion:252 Resp: 617539

Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.4	77.0
126	11.6	9.8	14.6





#83

Chrysene

Concen: 45.013 ng

RT: 21.327 min Scan# 3101

Delta R.T. -0.012 min

Lab File: BM044736.D

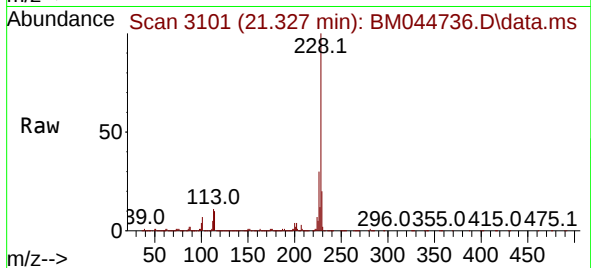
Acq: 22 Mar 2024 16:01

Instrument :

BNA_M

ClientSampleId :

PB159733BS



Tgt Ion:228 Resp: 1984068

Ion Ratio Lower Upper

228 100

226 29.8 23.6 35.4

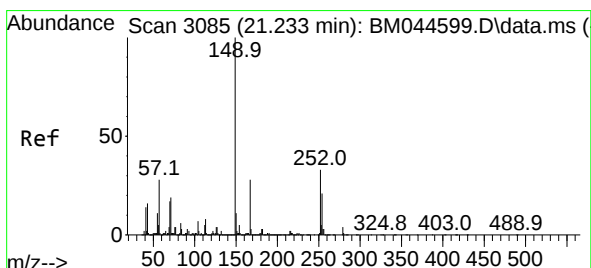
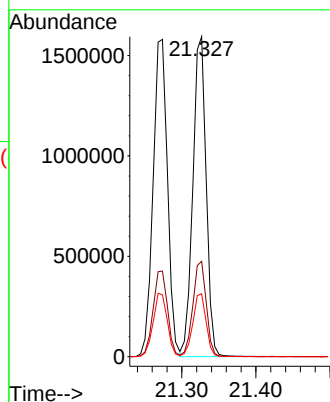
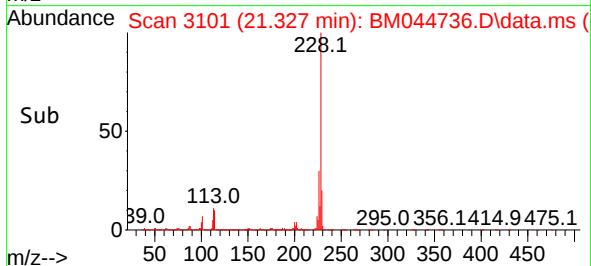
229 19.6 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/26/2024

Supervised By :mohammad ahmed 03/26/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.721 ng

RT: 21.215 min Scan# 3082

Delta R.T. -0.018 min

Lab File: BM044736.D

Acq: 22 Mar 2024 16:01

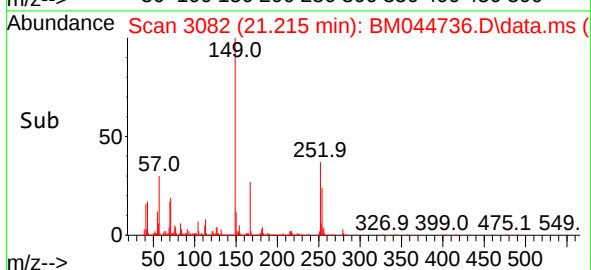
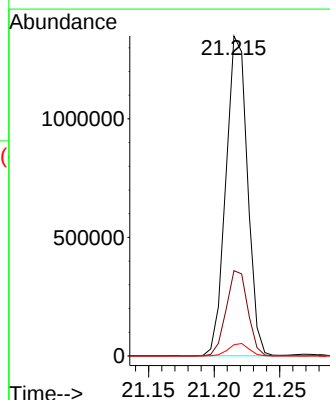
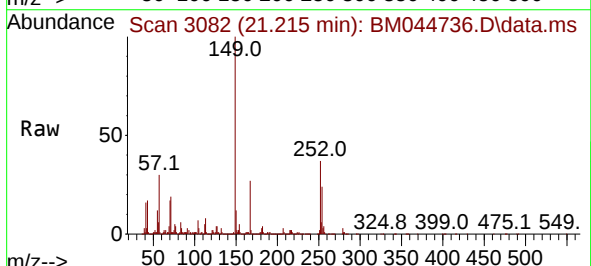
Tgt Ion:149 Resp: 1541320

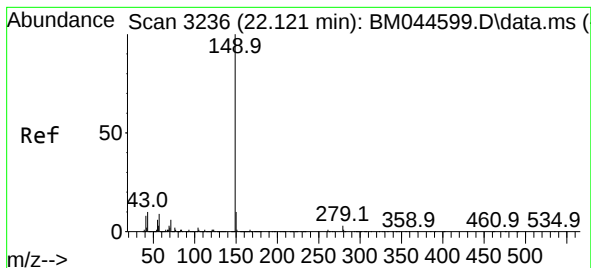
Ion Ratio Lower Upper

149 100

167 26.7 22.1 33.1

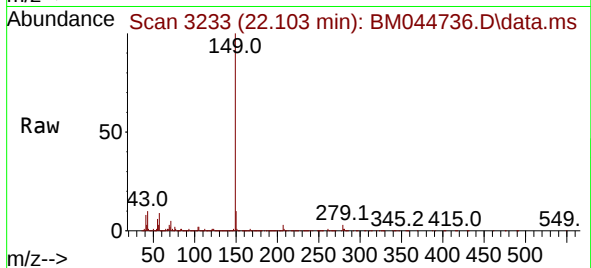
279 3.5 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 46.730 ng
RT: 22.103 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

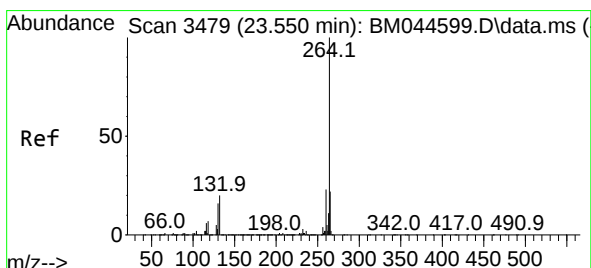
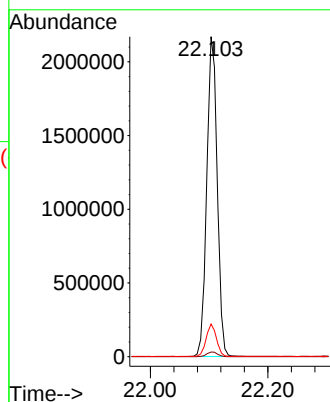
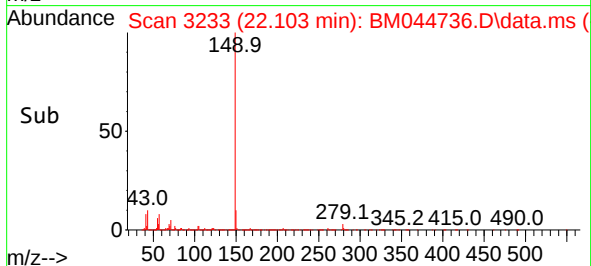
Instrument :
BNA_M
ClientSampleId :
PB159733BS



Tgt Ion:149 Resp: 267408
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.1 7.9 11.9

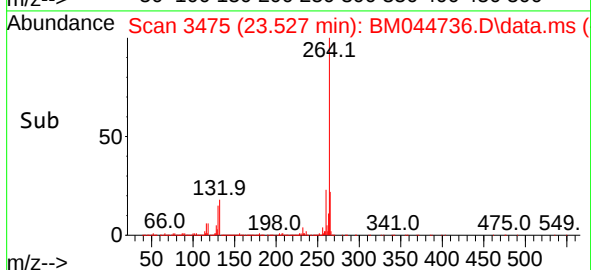
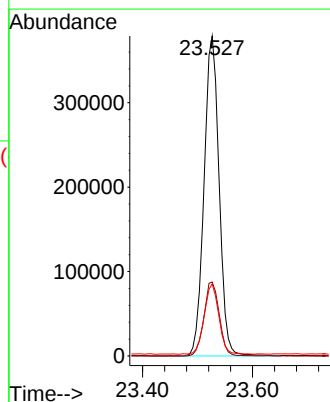
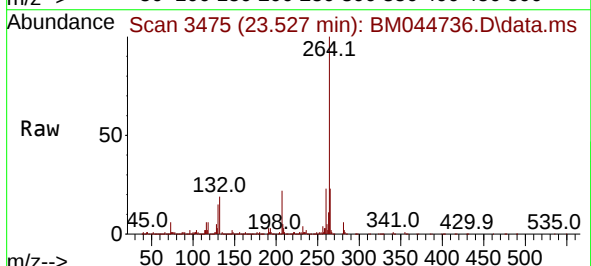
Manual Integrations
APPROVED

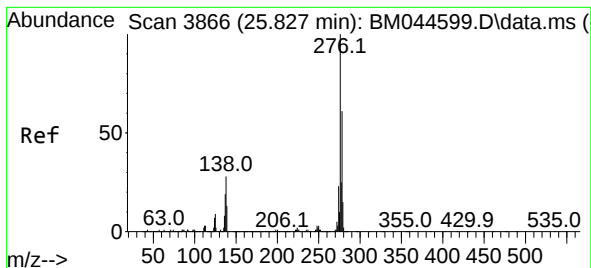
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.527 min Scan# 3475
Delta R.T. -0.024 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

Tgt Ion:264 Resp: 720094
Ion Ratio Lower Upper
264 100
260 23.1 18.3 27.5
265 22.5 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.195 ng

RT: 25.791 min Scan# 31

Delta R.T. -0.035 min

Lab File: BM044736.D

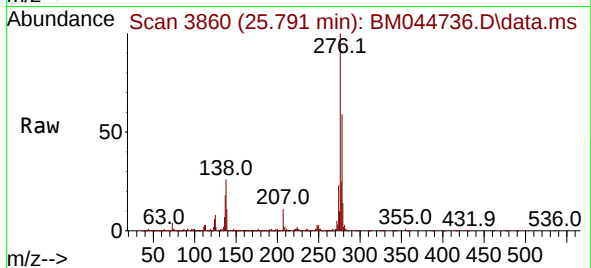
Acq: 22 Mar 2024 16:01

Instrument :

BNA_M

ClientSampleId :

PB159733BS



Tgt Ion:276 Resp: 250886

Ion Ratio Lower Upper

276 100

138 28.0 23.6 35.4

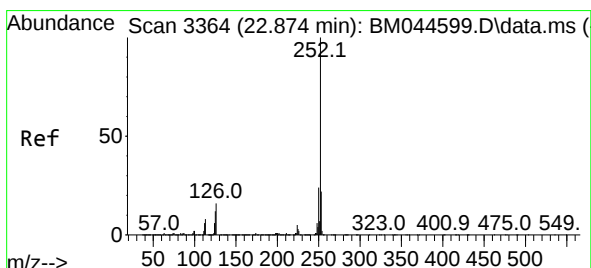
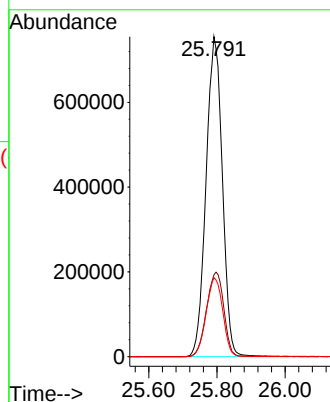
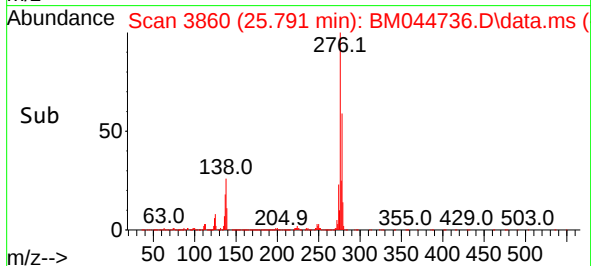
277 25.2 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/26/2024

Supervised By :mohammad ahmed 03/26/2024



#88

Benzo(b)fluoranthene

Concen: 51.095 ng

RT: 22.856 min Scan# 3361

Delta R.T. -0.018 min

Lab File: BM044736.D

Acq: 22 Mar 2024 16:01

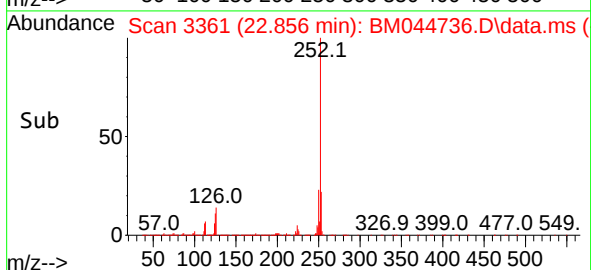
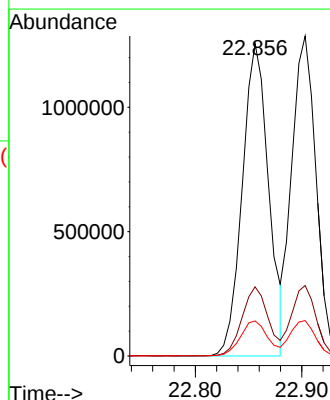
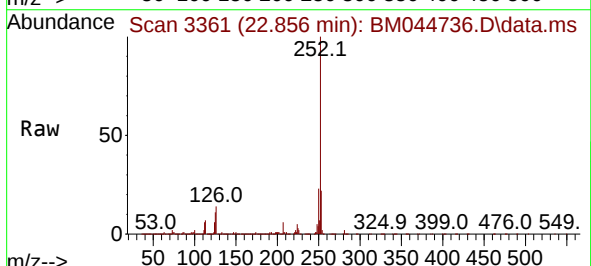
Tgt Ion:252 Resp: 2162233

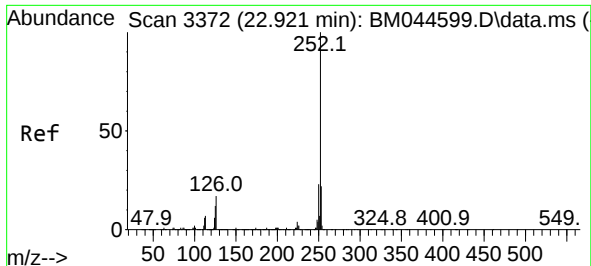
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 11.2 9.6 14.4





#89
Benzo(k)fluoranthene
Concen: 46.950 ng
RT: 22.903 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

Instrument :

BNA_M

ClientSampleId :

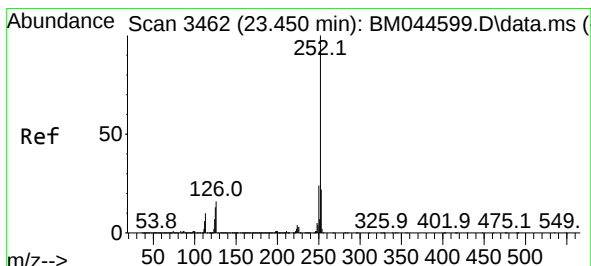
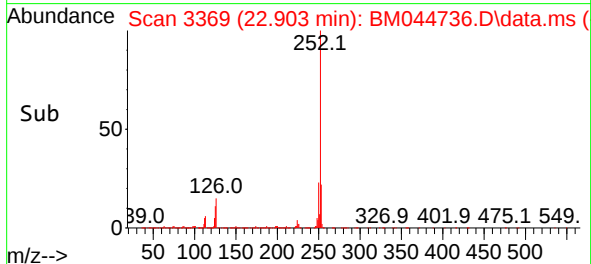
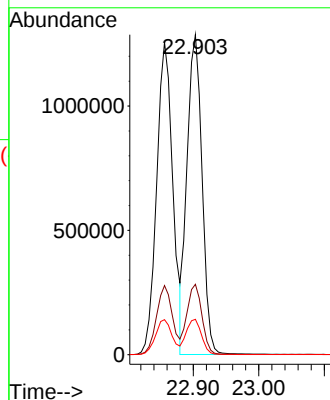
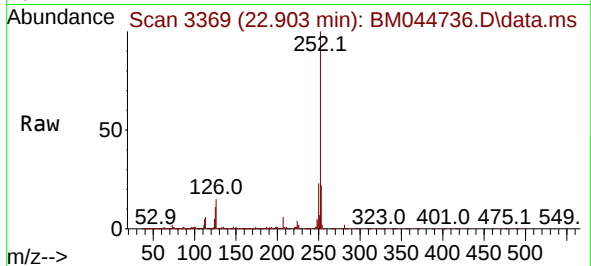
PB159733BS

Tgt Ion:252 Resp: 204251
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 11.1 9.4 14.0

Manual Integrations

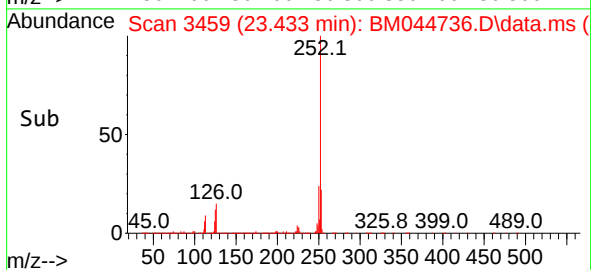
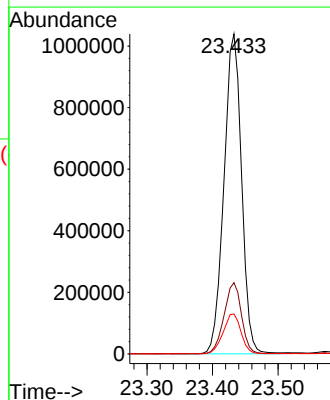
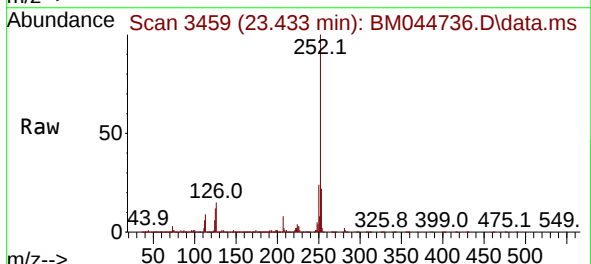
APPROVED

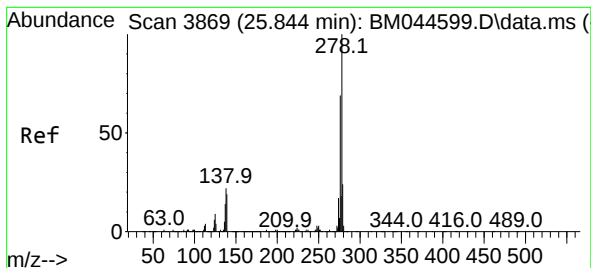
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#90
Benzo(a)pyrene
Concen: 46.807 ng
RT: 23.433 min Scan# 3459
Delta R.T. -0.018 min
Lab File: BM044736.D
Acq: 22 Mar 2024 16:01

Tgt Ion:252 Resp: 1931994
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 12.5 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 47.787 ng

RT: 25.809 min Scan# 3863

Delta R.T. -0.035 min

Lab File: BM044736.D

Acq: 22 Mar 2024 16:01

Instrument :

BNA_M

ClientSampleId :

PB159733BS

Tgt Ion:278 Resp: 2097189

Ion Ratio Lower Upper

278 100

139 17.6 15.0 22.6

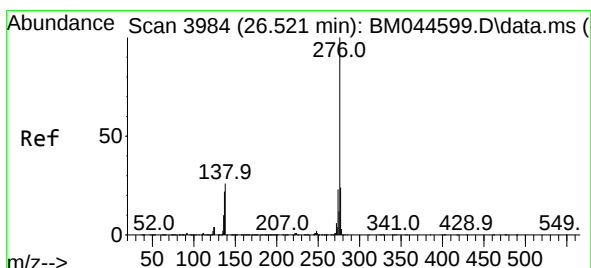
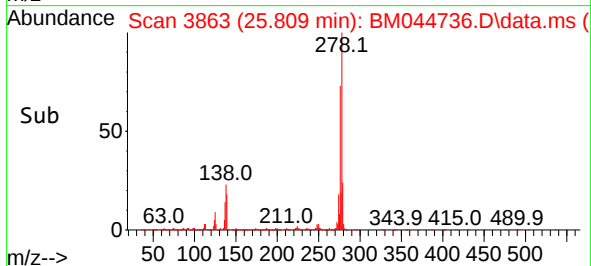
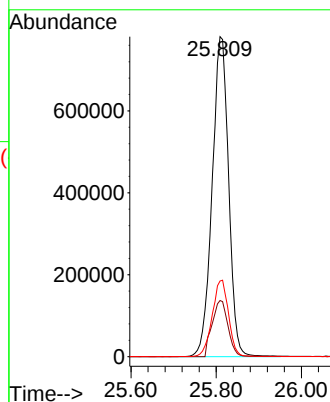
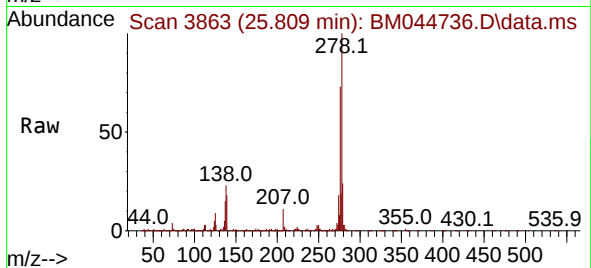
279 23.7 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/26/2024

Supervised By :mohammad ahmed 03/26/2024



#92

Benzo(g,h,i)perylene

Concen: 46.193 ng

RT: 26.485 min Scan# 3978

Delta R.T. -0.035 min

Lab File: BM044736.D

Acq: 22 Mar 2024 16:01

Tgt Ion:276 Resp: 1995583

Ion Ratio Lower Upper

276 100

277 23.2 19.3 28.9

138 24.2 20.7 31.1

