

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081723\
 Data File : BM041438.D
 Acq On : 17 Aug 2023 17:33
 Operator : MA/JU
 Sample : PB154898BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154898BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/18/2023
 Supervised By :mohammad ahmed 08/18/2023

Quant Time: Aug 17 18:42:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 17 02:13:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	129320	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	532839	20.000	ng	0.00
39) Acenaphthene-d10	14.427	164	355744	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	790488	20.000	ng	0.00
76) Chrysene-d12	21.397	240	732827	20.000	ng	0.00
86) Perylene-d12	23.756	264	813372	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1285068	165.311	ng	0.01
7) Phenol-d6	6.969	99	1647940	156.119	ng	0.02
23) Nitrobenzene-d5	8.945	82	1039280	93.107	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	814288	144.238	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	2524531	95.094	ng	0.00
79) Terphenyl-d14	19.827	244	4235056	100.565	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	131830	39.916	ng	97
3) Pyridine	3.646	79	332226	38.074	ng	97
4) n-Nitrosodimethylamine	3.563	42	193978	48.215	ng	97
6) Aniline	7.104	93	462788	36.869	ng	99
8) 2-Chlorophenol	7.334	128	468622	58.348	ng	100
9) Benzaldehyde	6.916	77	194420	33.360	ng	99
10) Phenol	6.992	94	600720	58.902	ng	98
11) bis(2-Chloroethyl)ether	7.204	93	435572	53.388	ng	98
12) 1,3-Dichlorobenzene	7.645	146	480011	53.774	ng	100
13) 1,4-Dichlorobenzene	7.798	146	493202	54.648	ng	98
14) 1,2-Dichlorobenzene	8.110	146	474484	54.468	ng	99
15) Benzyl Alcohol	8.028	79	436477m	58.245	ng	
16) 2,2'-oxybis(1-Chloropr...	8.304	45	507996m	51.895	ng	
17) 2-Methylphenol	8.239	107	399153	54.750	ng	98
18) Hexachloroethane	8.828	117	184981	53.975	ng	96
19) n-Nitroso-di-n-propyla...	8.586	70	368164	50.841	ng	99
20) 3+4-Methylphenols	8.575	107	540941	54.024	ng	98
22) Acetophenone	8.604	105	691374	50.351	ng	99
24) Nitrobenzene	8.986	77	544261	48.831	ng	99
25) Isophorone	9.510	82	997808	48.838	ng	98
26) 2-Nitrophenol	9.692	139	259285	53.279	ng	97
27) 2,4-Dimethylphenol	9.769	122	406798	51.914	ng	99
28) bis(2-Chloroethoxy)met...	9.992	93	596889	50.192	ng	99
29) 2,4-Dichlorophenol	10.239	162	486644	56.688	ng	99
30) 1,2,4-Trichlorobenzene	10.428	180	506890	53.179	ng	99
31) Naphthalene	10.616	128	1364956	49.270	ng	99
32) Benzoic acid	9.975	122	313238	49.771	ng	100
33) 4-Chloroaniline	10.757	127	193407	16.536	ng	99
34) Hexachlorobutadiene	10.880	225	329365	52.250	ng	99
35) Caprolactam	11.586	113	138016	51.861	ng	97
36) 4-Chloro-3-methylphenol	11.904	107	483403	52.911	ng	97
37) 2-Methylnaphthalene	12.233	142	965190	47.880	ng	100
38) 1-Methylnaphthalene	12.457	142	934672	49.078	ng	100
40) 1,2,4,5-Tetrachloroben...	12.604	216	602500	51.911	ng	98
41) Hexachlorocyclopentadiene	12.569	237	698396	108.142	ng	100
43) 2,4,6-Trichlorophenol	12.869	196	419023	53.945	ng	98

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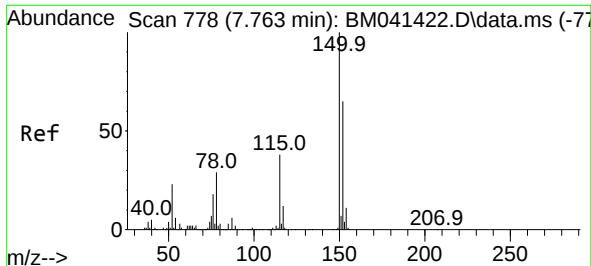
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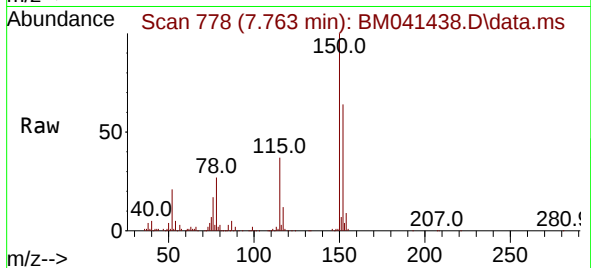
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	451733	50.236	ng	97
46) 1,1'-Biphenyl	13.257	154	1330825	49.570	ng	98
47) 2-Chloronaphthalene	13.298	162	1060146	51.377	ng	100
48) 2-Nitroaniline	13.533	65	321717	47.716	ng	93
49) Acenaphthylene	14.151	152	1691985	50.601	ng	99
50) Dimethylphthalate	13.904	163	1357982	48.886	ng	99
51) 2,6-Dinitrotoluene	14.033	165	299901	50.376	ng	96
52) Acenaphthene	14.492	154	985303	49.268	ng	98
53) 3-Nitroaniline	14.368	138	199191	33.550	ng	99
54) 2,4-Dinitrophenol	14.586	184	384832	103.347	ng	91
55) Dibenzofuran	14.833	168	1650133	49.205	ng	99
56) 4-Nitrophenol	14.721	139	417194	93.317	ng	96
57) 2,4-Dinitrotoluene	14.827	165	419681	51.583	ng	93
58) Fluorene	15.480	166	1329157	49.455	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.068	232	406991	53.255	ng	96
60) Diethylphthalate	15.262	149	1345745	48.488	ng	99
61) 4-Chlorophenyl-phenyle...	15.480	204	727260	50.191	ng	97
62) 4-Nitroaniline	15.545	138	262095	48.391	ng	98
63) Azobenzene	15.774	77	1300798	46.518	ng	96
65) 4,6-Dinitro-2-methylph...	15.592	198	262217	51.819	ng	95
66) n-Nitrosodiphenylamine	15.704	169	1145961	49.248	ng	98
67) 4-Bromophenyl-phenylether	16.374	248	453115	50.020	ng	98
68) Hexachlorobenzene	16.486	284	528614	53.473	ng	97
69) Atrazine	16.668	200	444857	67.369	ng	100
70) Pentachlorophenol	16.845	266	587912	84.928	ng	99
71) Phenanthrene	17.233	178	2056077	49.274	ng	99
72) Anthracene	17.321	178	2107420	49.806	ng	100
73) Carbazole	17.609	167	1871417	49.707	ng	100
74) Di-n-butylphthalate	18.162	149	2360690	49.912	ng	99
75) Fluoranthene	19.256	202	2474174	49.803	ng	100
77) Benzidine	19.462	184	993590	118.284	ng	99
78) Pyrene	19.621	202	2559759	48.841	ng	100
80) Butylbenzylphthalate	20.527	149	1049666	50.004	ng	97
81) Benzo(a)anthracene	21.380	228	2551177	50.979	ng	100
82) 3,3'-Dichlorobenzidine	21.321	252	776469	47.973	ng	100
83) Chrysene	21.433	228	2340687	49.206	ng	100
84) Bis(2-ethylhexyl)phtha...	21.303	149	1543927	51.770	ng #	97
85) Di-n-octyl phthalate	22.215	149	2630876	53.952	ng	98
87) Indeno(1,2,3-cd)pyrene	26.203	276	2770565	52.317	ng	98
88) Benzo(b)fluoranthene	23.038	252	2526958	52.125	ng	99
89) Benzo(k)fluoranthene	23.091	252	2476429	50.547	ng	99
90) Benzo(a)pyrene	23.656	252	2217002	48.027	ng	99
91) Dibenzo(a,h)anthracene	26.215	278	2360793	53.006	ng	98
92) Benzo(g,h,i)perylene	26.956	276	2241556	52.061	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 778
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

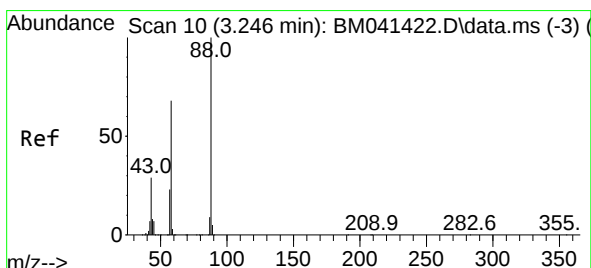
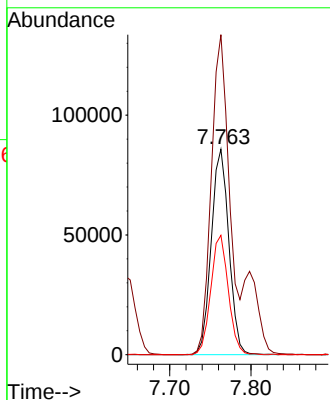
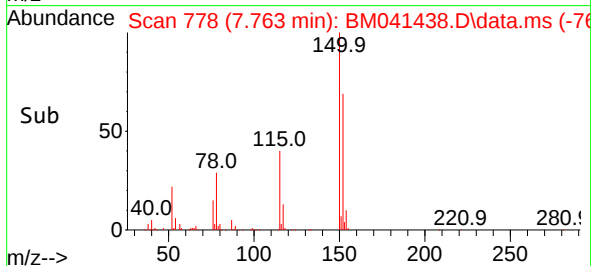
Instrument :
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Tgt Ion: 152 Resp: 129320
Ion Ratio Lower Upper
152 100
150 155.8 123.8 185.6
115 58.1 46.6 70.0

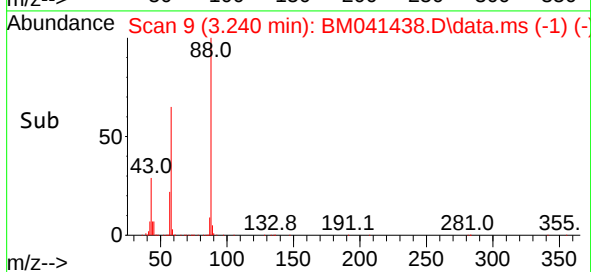
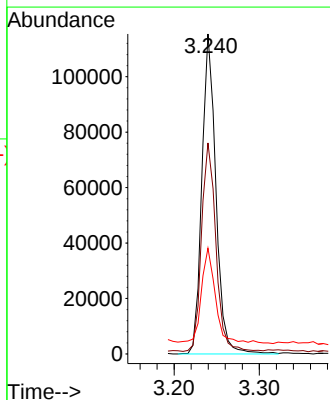
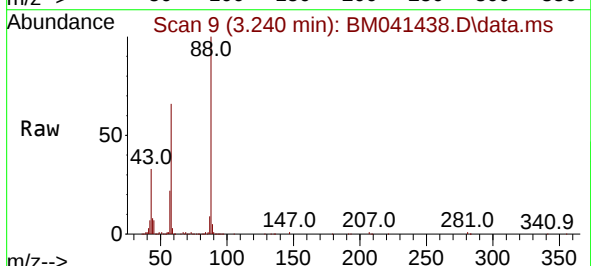
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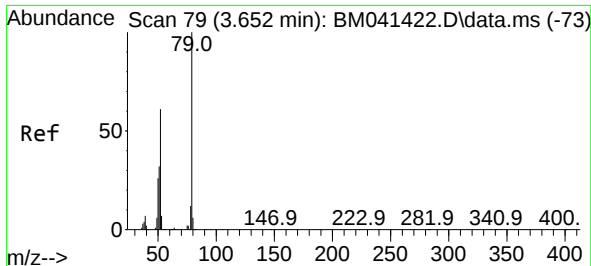
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#2
1,4-Dioxane
Concen: 39.916 ng
RT: 3.240 min Scan# 9
Delta R.T. -0.006 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

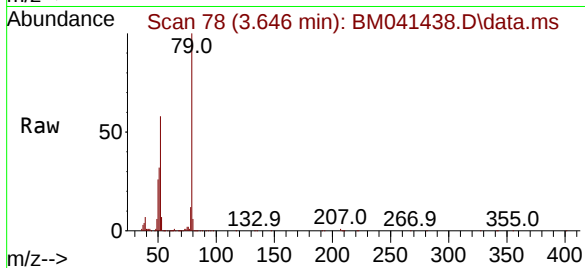
Tgt Ion: 88 Resp: 131830
Ion Ratio Lower Upper
88 100
58 66.6 55.1 82.7
43 30.3 23.2 34.8





#3
 Pyridine
 Concen: 38.074 ng
 RT: 3.646 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BM041438.D
 Acq: 17 Aug 2023 17:33

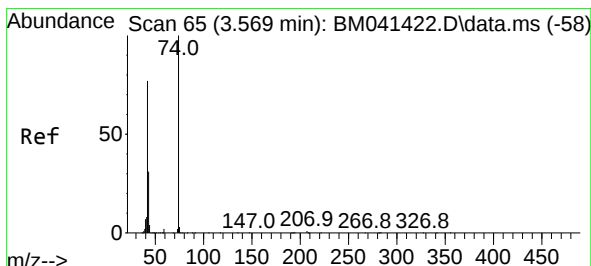
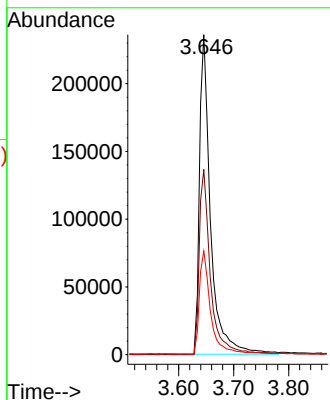
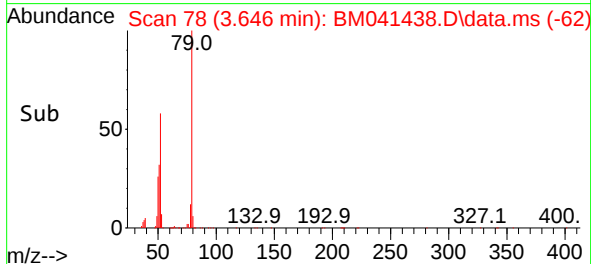
Instrument :
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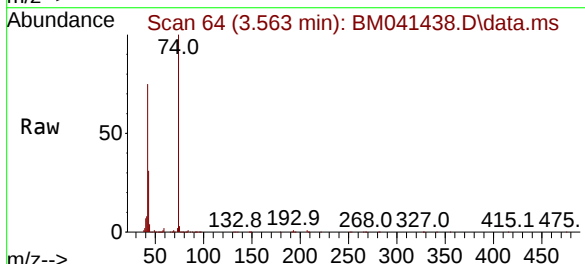
Tgt Ion: 79 Resp: 332220
 Ion Ratio Lower Upper
 79 100
 52 57.9 49.0 73.4
 51 32.4 26.1 39.1

Manual Integrations
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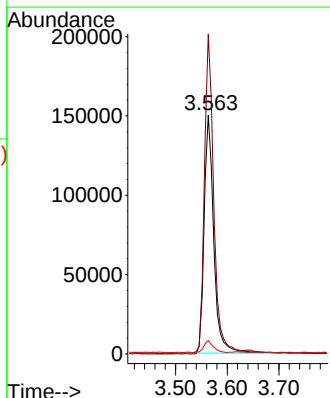
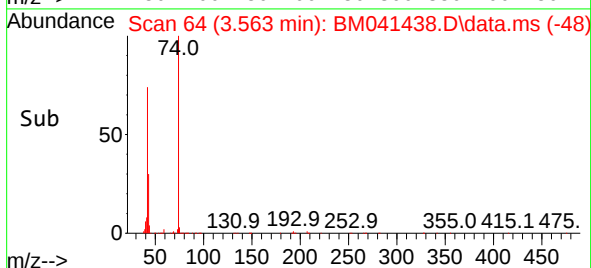
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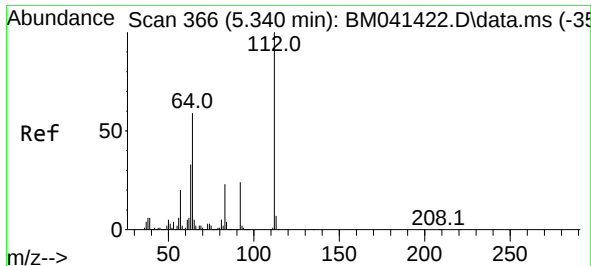


#4
 n-Nitrosodimethylamine
 Concen: 48.215 ng
 RT: 3.563 min Scan# 64
 Delta R.T. -0.006 min
 Lab File: BM041438.D
 Acq: 17 Aug 2023 17:33



Tgt Ion: 42 Resp: 193978
 Ion Ratio Lower Upper
 42 100
 74 134.1 104.1 156.1
 44 5.6 4.6 6.8





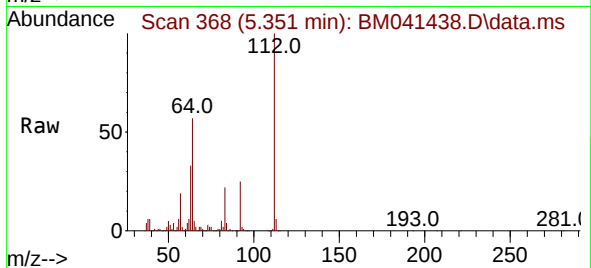
#5
2-Fluorophenol
Concen: 165.311 ng
RT: 5.351 min Scan# 366
Delta R.T. 0.012 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Instrument :

BNA_M

ClientSampleId :

PB154898BS



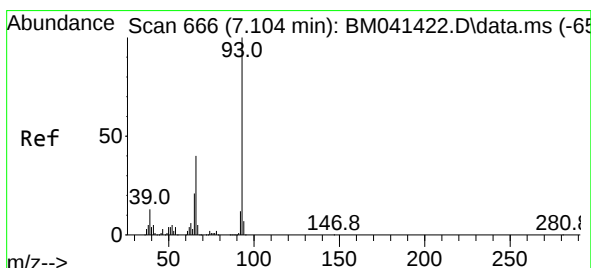
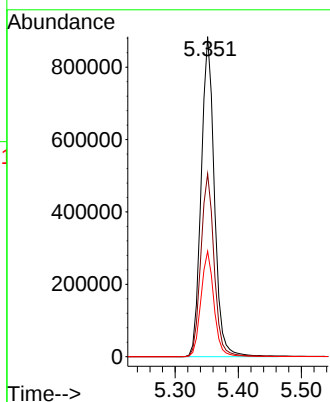
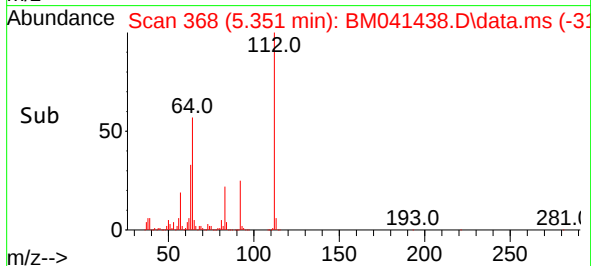
Tgt Ion: 112 Resp: 128506
Ion Ratio Lower Upper
112 100
64 57.2 47.3 70.9
63 33.0 26.5 39.7

Manual Integrations

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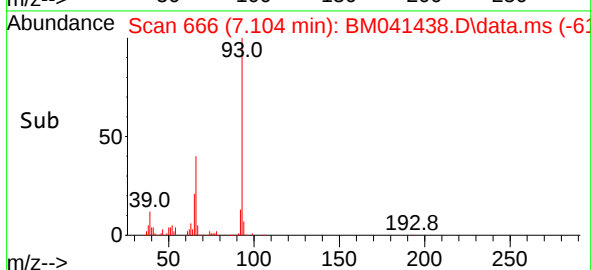
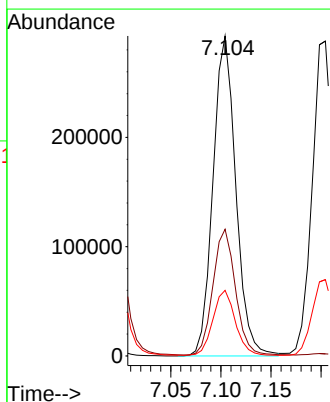
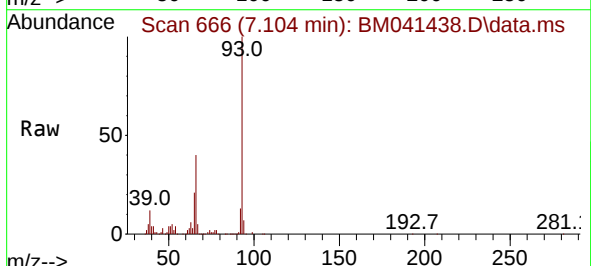
Reviewed By :Yogesh Patel 08/18/2023

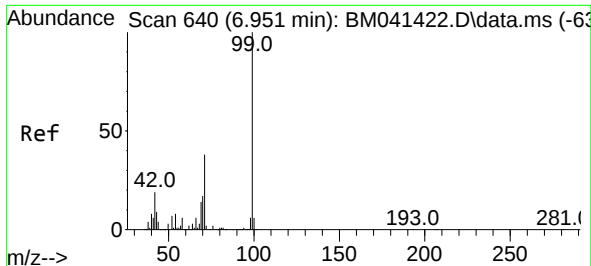
Supervised By :mohammad ahmed 08/18/2023



#6
Aniline
Concen: 36.869 ng
RT: 7.104 min Scan# 666
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

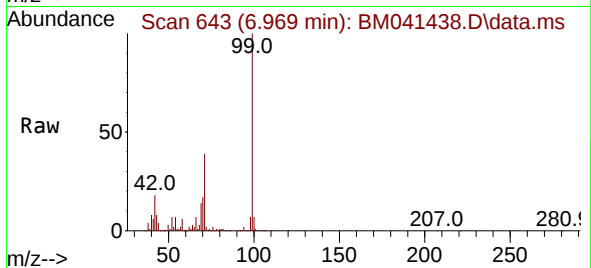
Tgt Ion: 93 Resp: 462788
Ion Ratio Lower Upper
93 100
66 39.6 31.8 47.8
65 20.5 16.8 25.2





#7
Phenol-d6
Concen: 156.119 ng
RT: 6.969 min Scan# 640
Delta R.T. 0.018 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

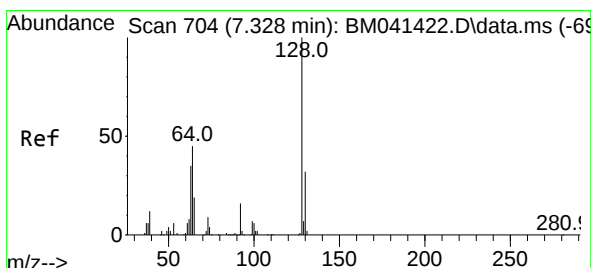
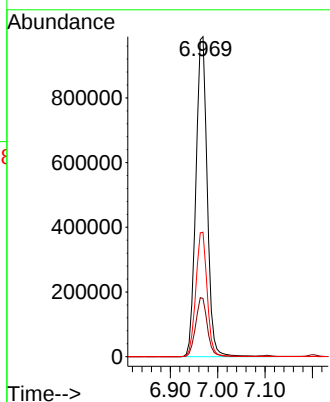
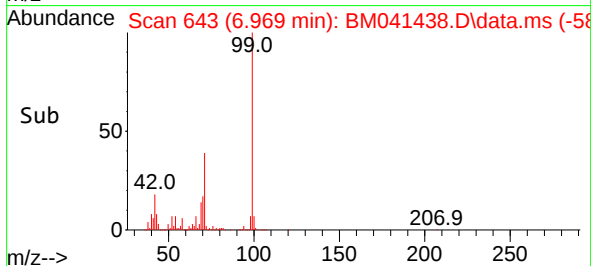
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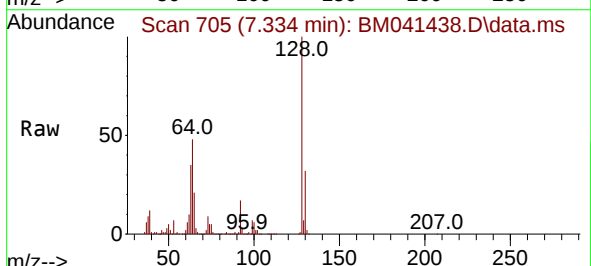
Tgt Ion: 99 Resp: 1647940
Ion Ratio Lower Upper
99 100
42 18.2 15.2 22.8
71 38.9 30.7 46.1

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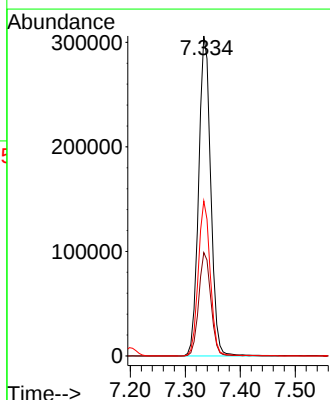
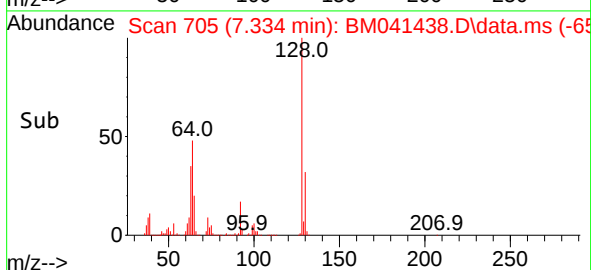
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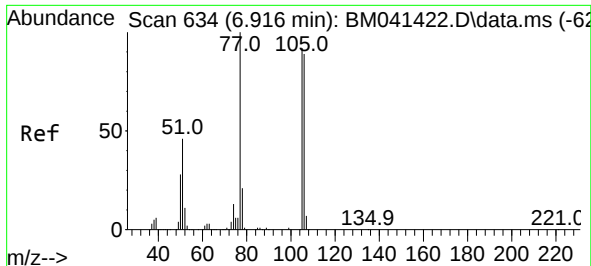


#8
2-Chlorophenol
Concen: 58.348 ng
RT: 7.334 min Scan# 705
Delta R.T. 0.006 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33



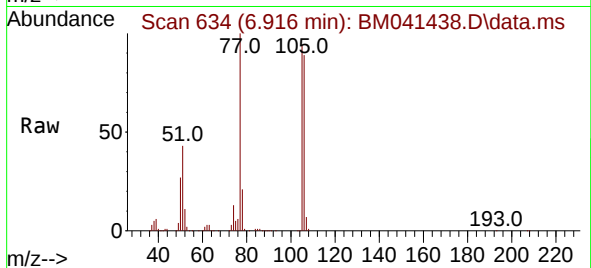
Tgt Ion:128 Resp: 468622
Ion Ratio Lower Upper
128 100
130 32.3 12.2 52.2
64 48.5 28.8 68.8





#9
Benzaldehyde
Concen: 33.360 ng
RT: 6.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

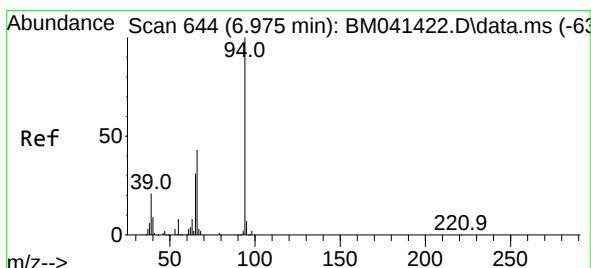
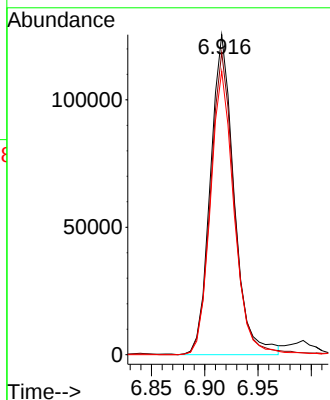
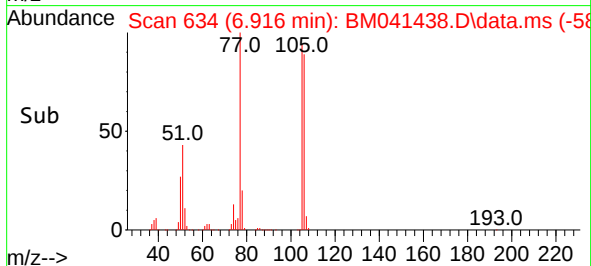
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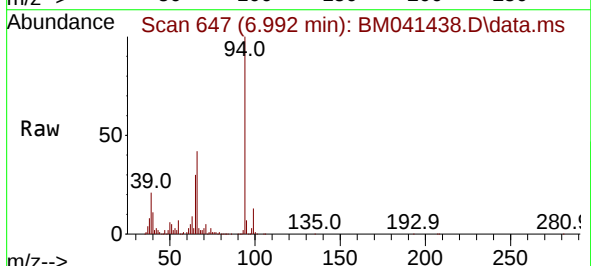
Tgt Ion: 77 Resp: 194420
Ion Ratio Lower Upper
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105 94.5 71.7 111.7
106 88.6 68.6 108.6

Manual Integrations
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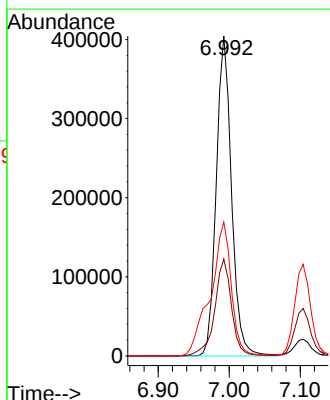
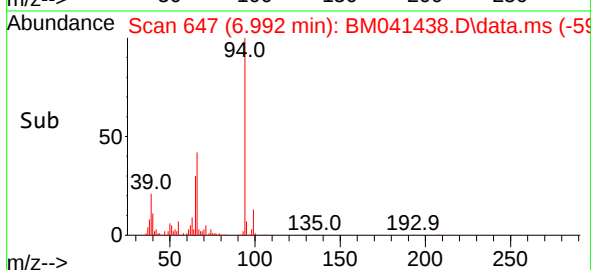
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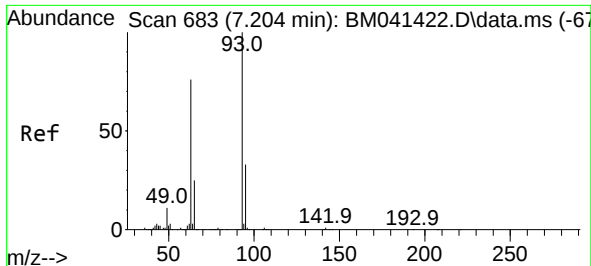


#10
Phenol
Concen: 58.902 ng
RT: 6.992 min Scan# 647
Delta R.T. 0.018 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33



Tgt Ion: 94 Resp: 600720
Ion Ratio Lower Upper
94 100
65 30.3 11.0 51.0
66 41.9 23.9 63.9





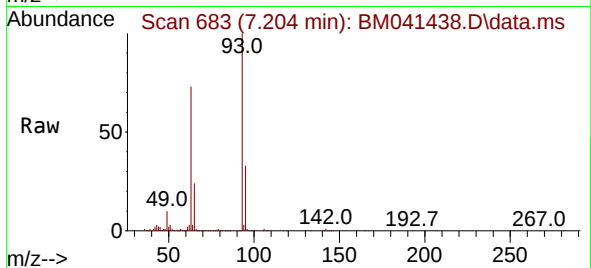
#11
bis(2-Chloroethyl)ether
Concen: 53.388 ng
RT: 7.204 min Scan# 683
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Instrument :

BNA_M

ClientSampleId :

PB154898BS



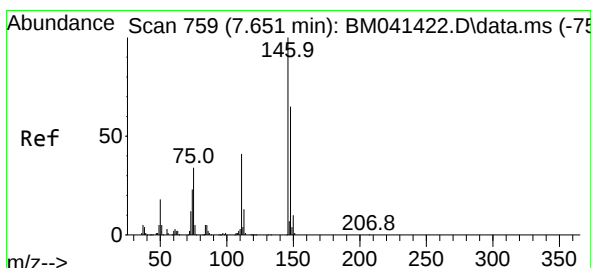
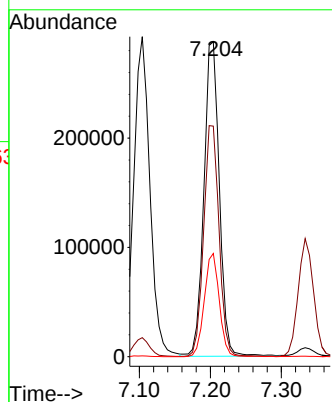
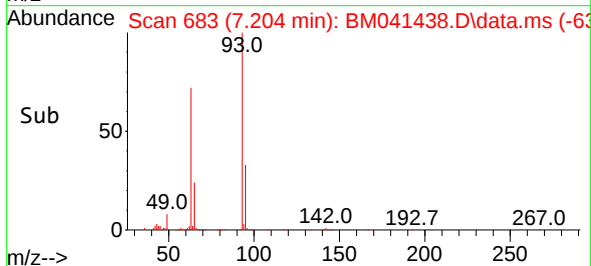
Tgt Ion: 93 Resp: 435572
Ion Ratio Lower Upper
93 100
63 73.3 55.2 95.2
95 32.8 12.4 52.4

Manual Integrations

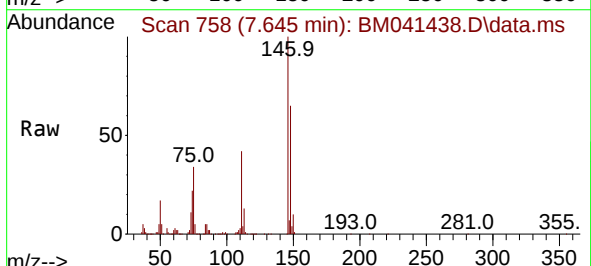
APPROVED

Reviewed By :Yogesh Patel 08/18/2023

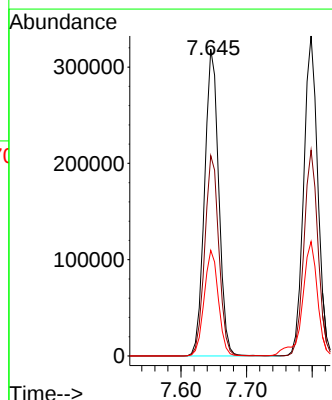
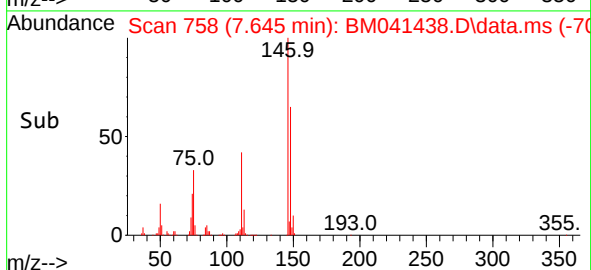
Supervised By :mohammad ahmed 08/18/2023

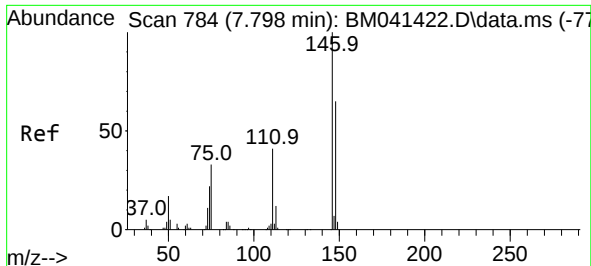


#12
1,3-Dichlorobenzene
Concen: 53.774 ng
RT: 7.645 min Scan# 758
Delta R.T. -0.006 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33



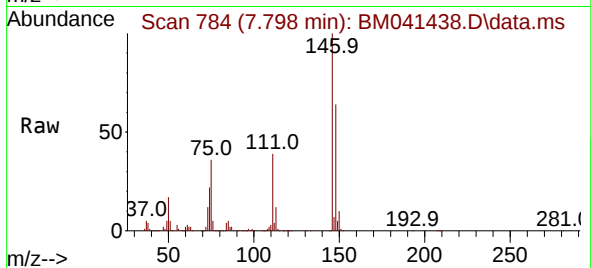
Tgt Ion:146 Resp: 480011
Ion Ratio Lower Upper
146 100
148 65.3 52.3 78.5
75 34.4 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 54.648 ng
RT: 7.798 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

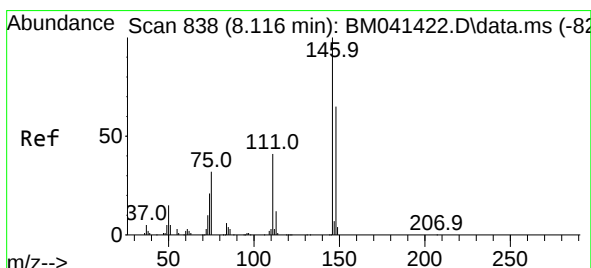
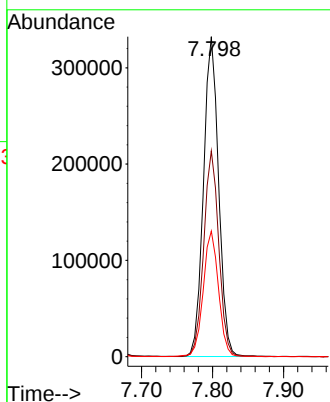
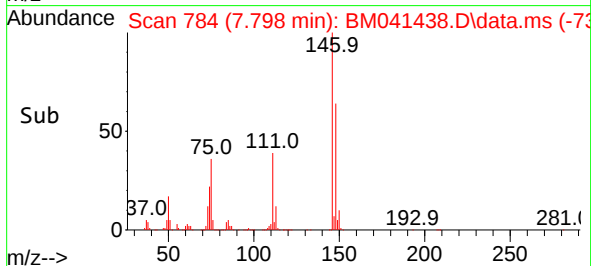
Instrument :
BNA_M
ClientSampleId :
PB154898BS



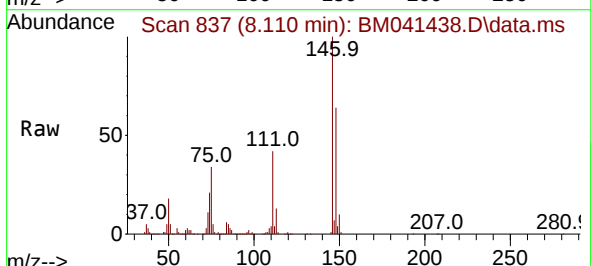
Tgt Ion:146 Resp: 49320
Ion Ratio Lower Upper
146 100
148 64.3 52.2 78.4
111 39.3 32.8 49.2

Manual Integrations
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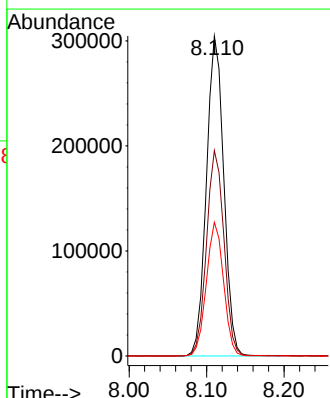
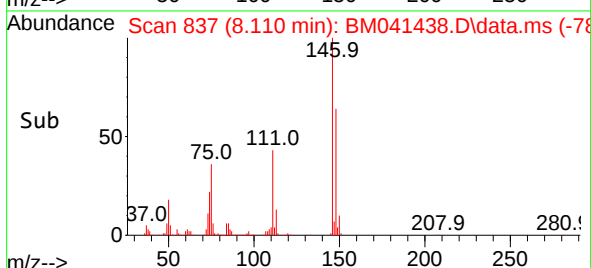
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

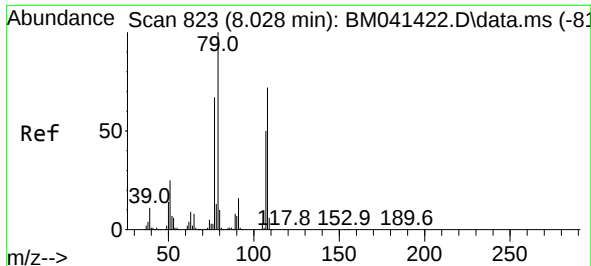


#14
1,2-Dichlorobenzene
Concen: 54.468 ng
RT: 8.110 min Scan# 837
Delta R.T. -0.006 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33



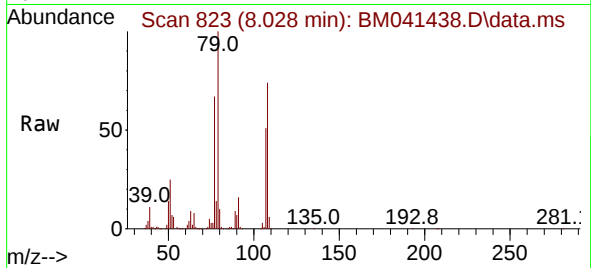
Tgt Ion:146 Resp: 474484
Ion Ratio Lower Upper
146 100
148 64.2 52.0 78.0
111 41.8 33.4 50.0





#15
Benzyl Alcohol
Concen: 58.245 ng m
RT: 8.028 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

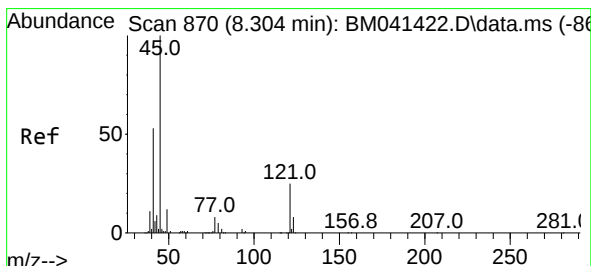
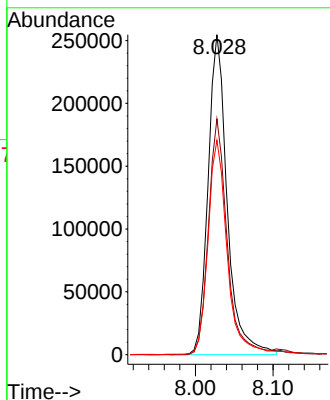
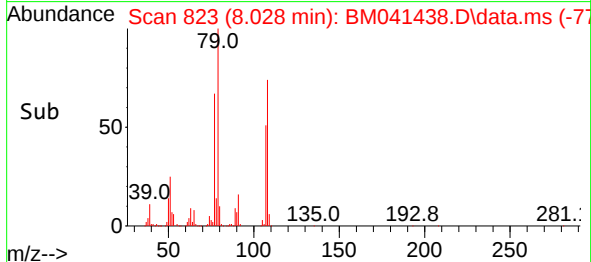
Instrument :
BNA_M
ClientSampleId :
PB154898BS



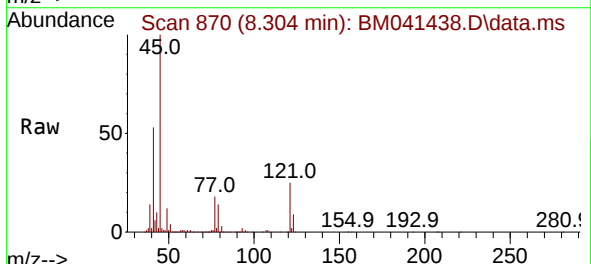
Tgt Ion: 79 Resp: 43647
Ion Ratio Lower Upper
79 100
108 73.7 57.8 86.8
77 67.0 53.4 80.2

Manual Integrations
APPROVED

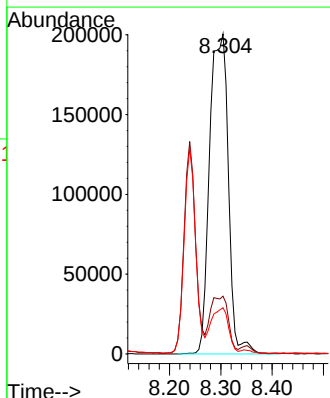
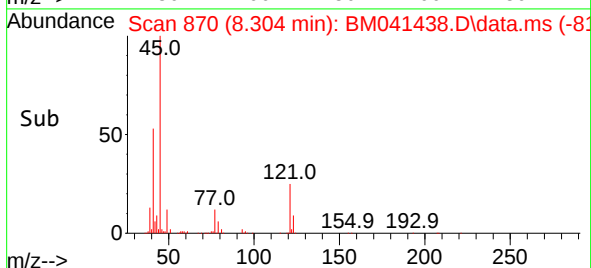
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

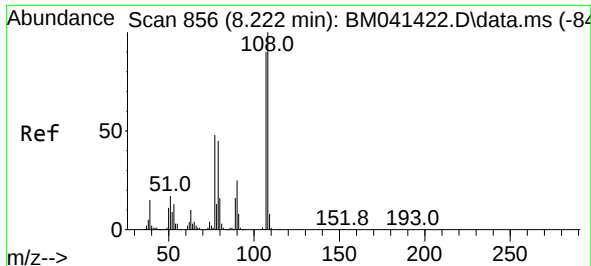


#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.895 ng m
RT: 8.304 min Scan# 870
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33



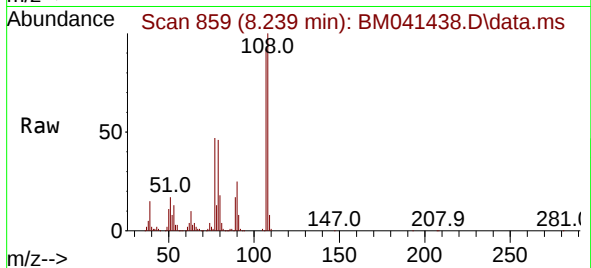
Tgt Ion: 45 Resp: 507996
Ion Ratio Lower Upper
45 100
77 18.0 0.0 37.3
79 14.4 0.0 33.8





#17
2-Methylphenol
Concen: 54.750 ng
RT: 8.239 min Scan# 856
Delta R.T. 0.018 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

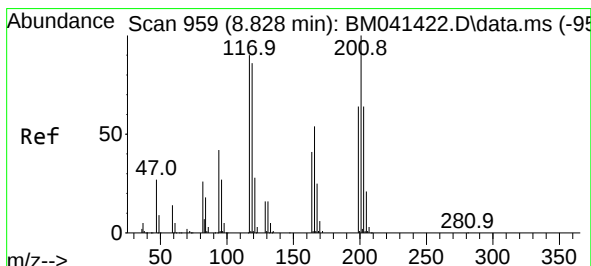
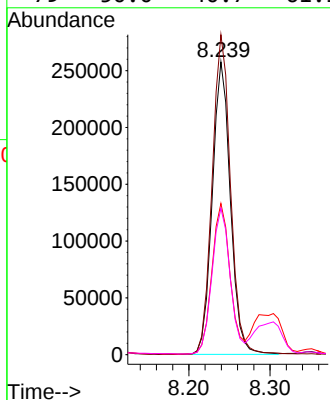
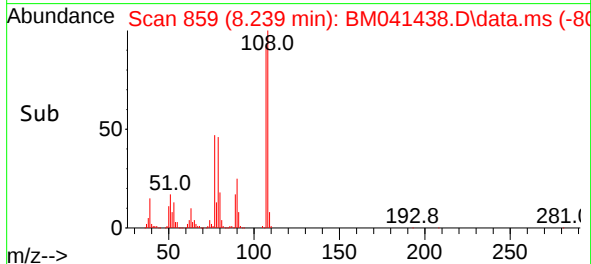
Instrument :
BNA_M
ClientSampleId :
PB154898BS



Tgt Ion:107 Resp: 39915
Ion Ratio Lower Upper
107 100
108 109.3 89.2 133.8
77 51.7 43.4 65.0
79 50.0 40.7 61.1

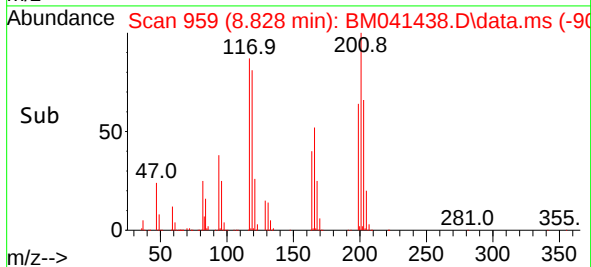
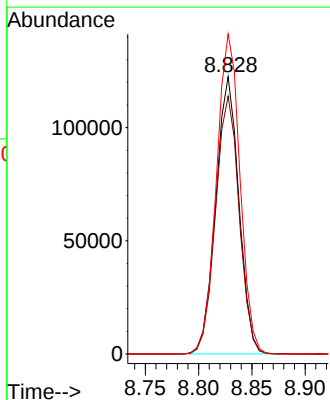
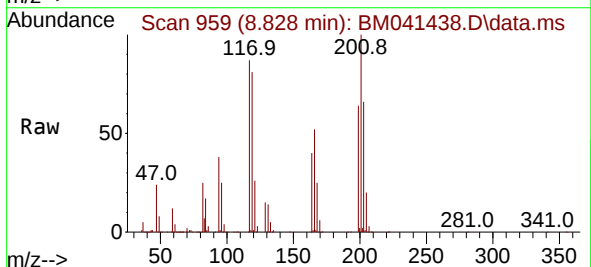
Manual Integrations
APPROVED

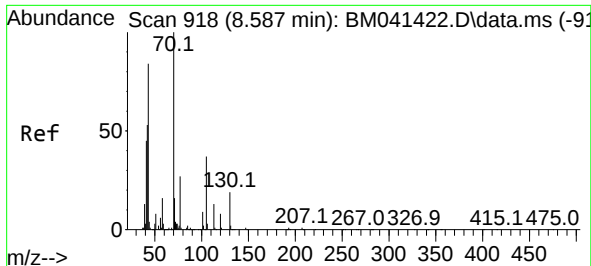
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#18
Hexachloroethane
Concen: 53.975 ng
RT: 8.828 min Scan# 959
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Tgt Ion:117 Resp: 184981
Ion Ratio Lower Upper
117 100
119 93.0 76.3 114.5
201 115.4 88.5 132.7





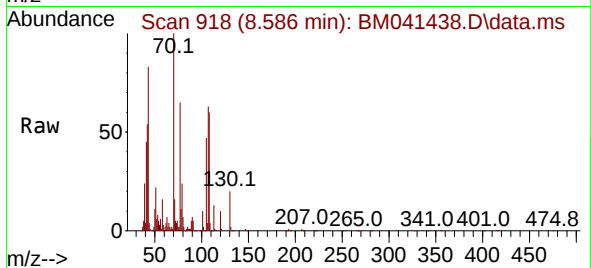
#19
n-Nitroso-di-n-propylamine
Concen: 50.841 ng
RT: 8.586 min Scan# 918
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Instrument :

BNA_M

ClientSampleId :

PB154898BS



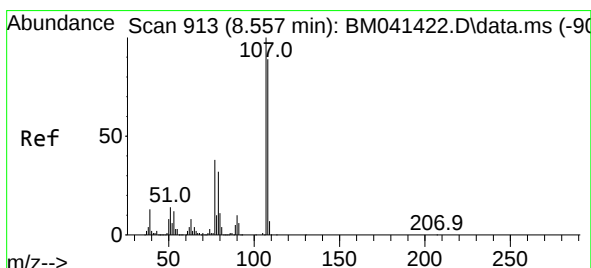
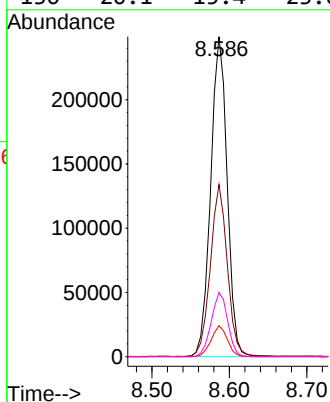
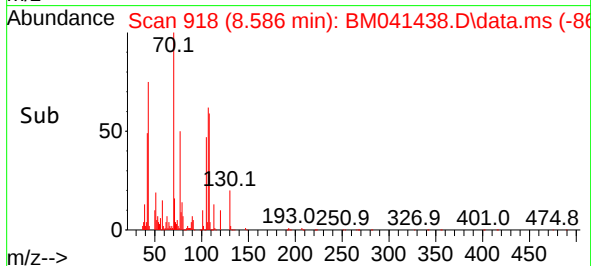
Tgt Ion: 70 Resp: 368164
Ion Ratio Lower Upper
70 100
42 53.8 42.6 63.8
101 9.7 7.4 11.0
130 20.1 15.4 23.0

Manual Integrations

APPROVED

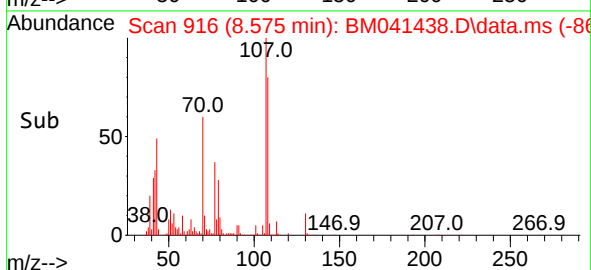
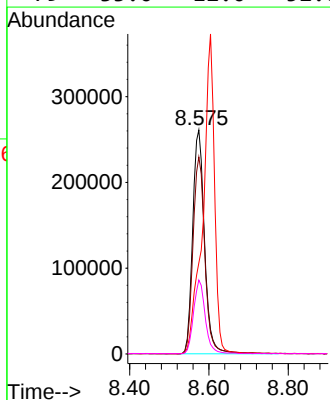
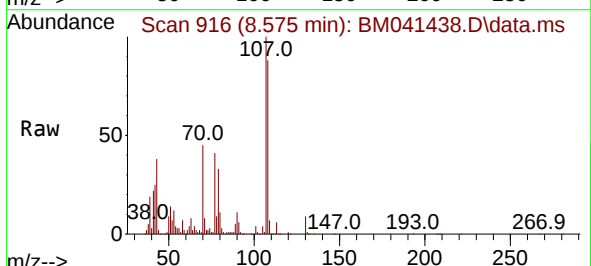
Reviewed By :Yogesh Patel 08/18/2023

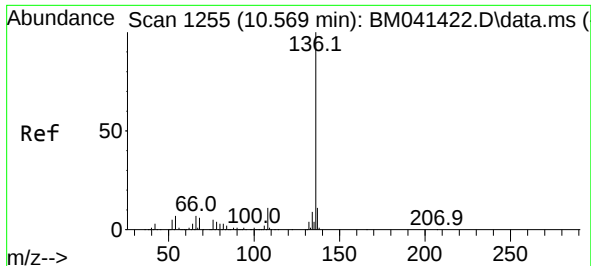
Supervised By :mohammad ahmed 08/18/2023



#20
3+4-Methylphenols
Concen: 54.024 ng
RT: 8.575 min Scan# 916
Delta R.T. 0.018 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

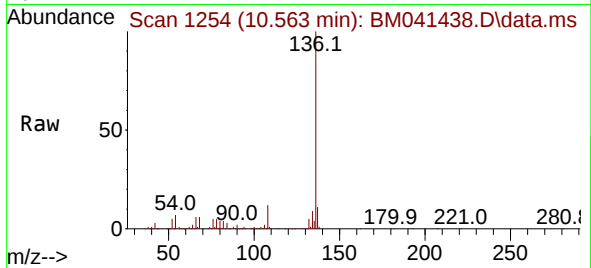
Tgt Ion:107 Resp: 540941
Ion Ratio Lower Upper
107 100
108 87.9 68.7 108.7
77 40.7 18.1 58.1
79 33.0 12.0 52.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

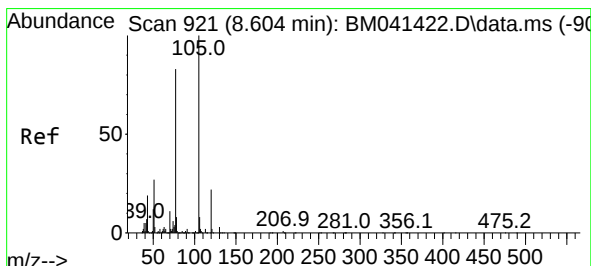
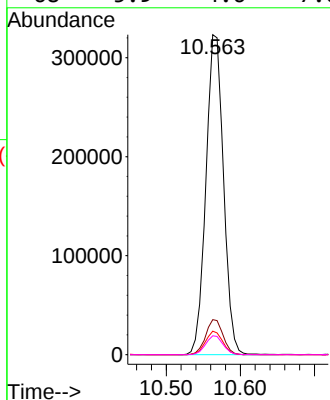
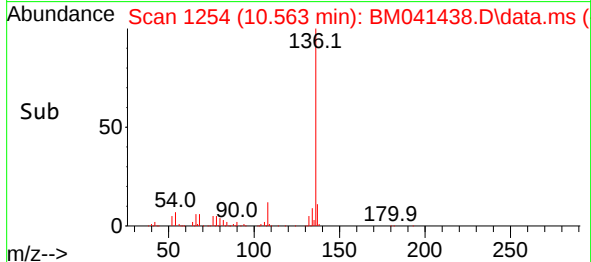
Instrument :
BNA_M
ClientSampleId :
PB154898BS



Tgt Ion:136 Resp: 532839
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.4 5.7 8.5
68 5.9 4.6 7.0

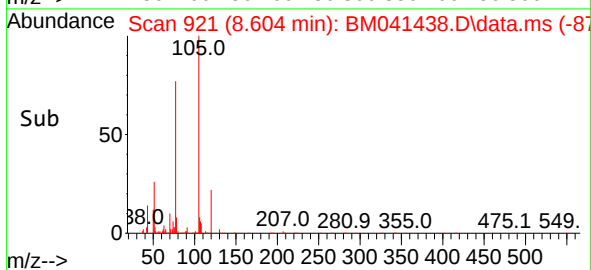
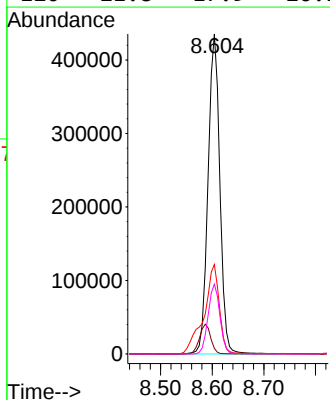
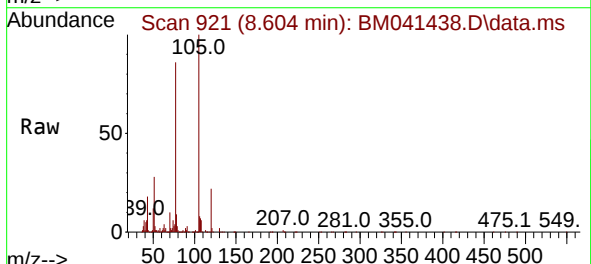
Manual Integrations
APPROVED

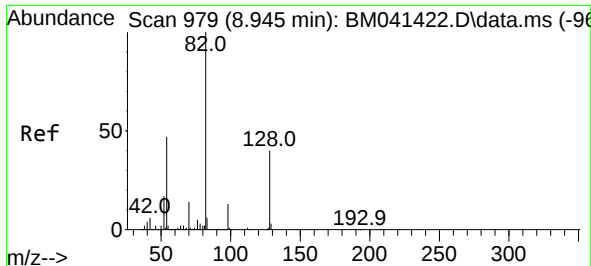
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#22
Acetophenone
Concen: 50.351 ng
RT: 8.604 min Scan# 921
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Tgt Ion:105 Resp: 691374
Ion Ratio Lower Upper
105 100
71 1.8 1.4 2.2
51 28.0 21.7 32.5
120 21.8 17.9 26.9





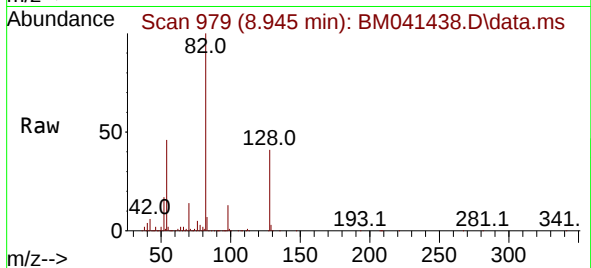
#23
Nitrobenzene-d5
Concen: 93.107 ng
RT: 8.945 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Instrument :

BNA_M

ClientSampleId :

PB154898BS



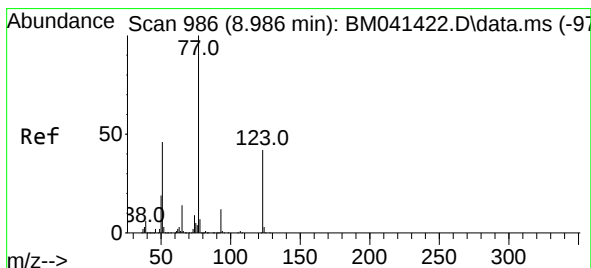
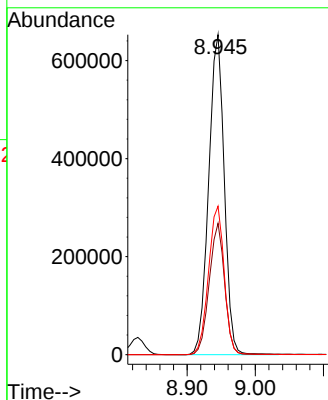
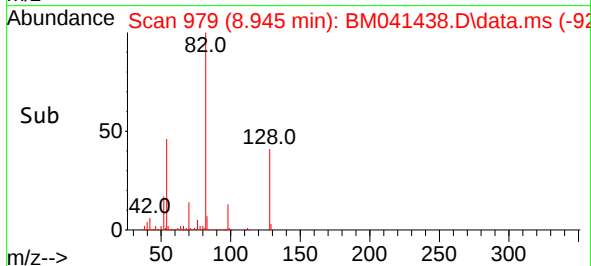
Tgt Ion: 82 Resp: 1039280
Ion Ratio Lower Upper
82 100
128 41.0 32.2 48.4
54 46.4 37.5 56.3

Manual Integrations

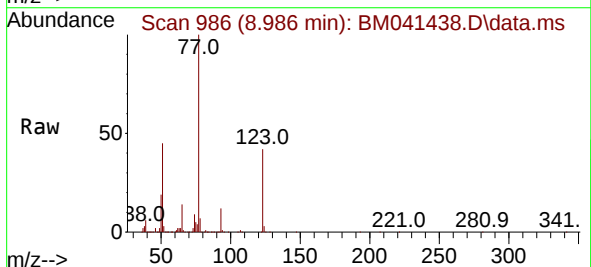
APPROVED

Reviewed By :Yogesh Patel 08/18/2023

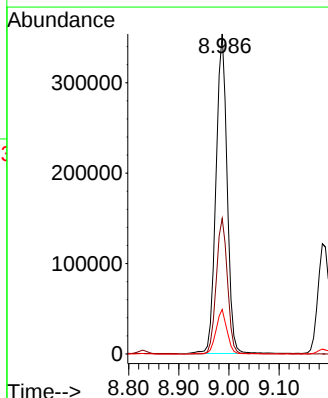
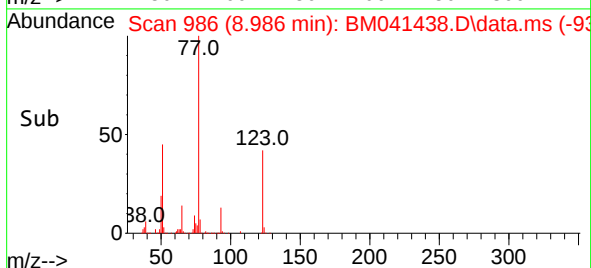
Supervised By :mohammad ahmed 08/18/2023

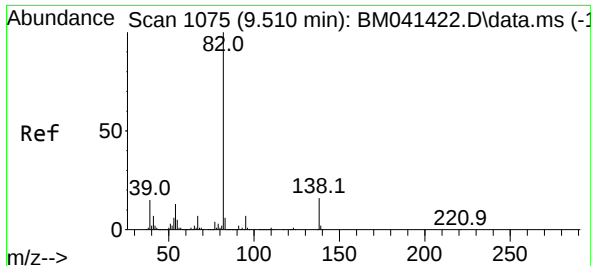


#24
Nitrobenzene
Concen: 48.831 ng
RT: 8.986 min Scan# 986
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33



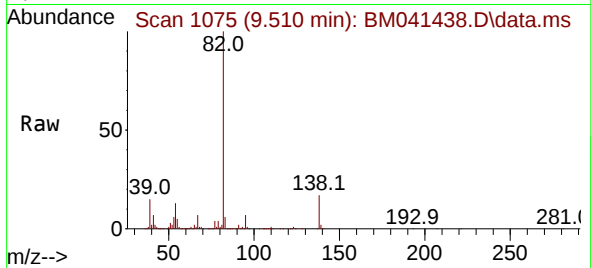
Tgt Ion: 77 Resp: 544261
Ion Ratio Lower Upper
77 100
123 42.4 33.5 50.3
65 13.9 11.0 16.6





#25
Isophorone
Concen: 48.838 ng
RT: 9.510 min Scan# 1075
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

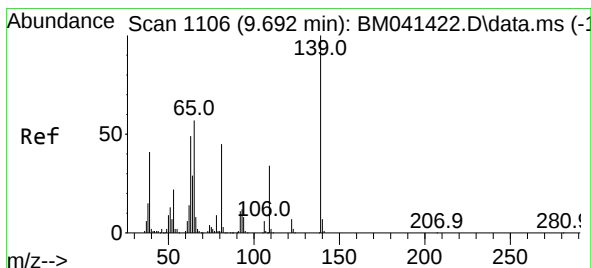
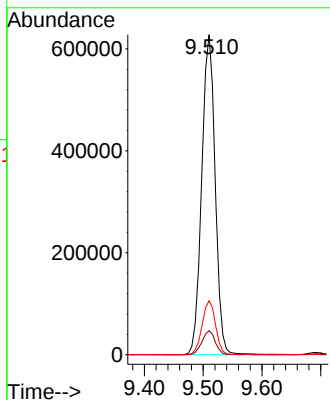
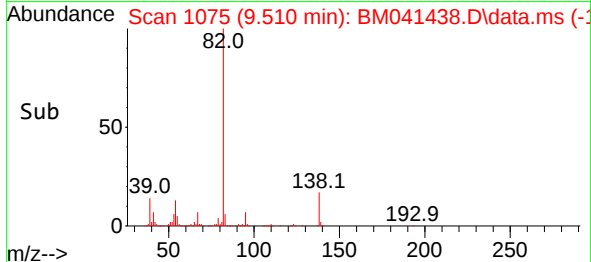
Instrument :
BNA_M
ClientSampleId :
PB154898BS



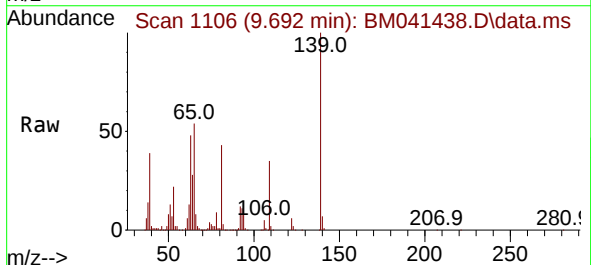
Tgt Ion: 82 Resp: 997808
Ion Ratio Lower Upper
82 100
95 7.5 5.8 8.6
138 16.9 12.9 19.3

Manual Integrations
APPROVED

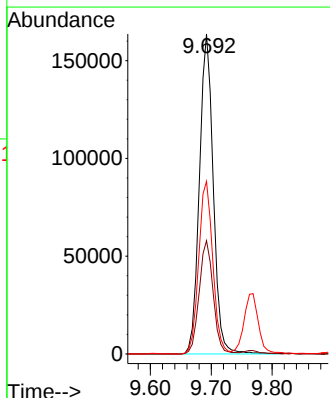
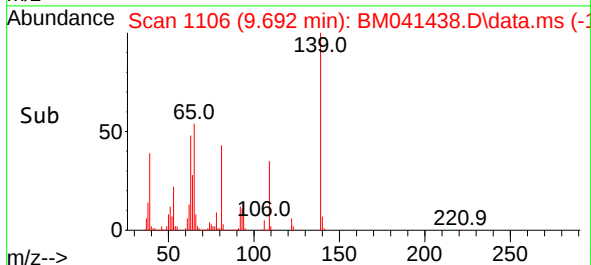
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

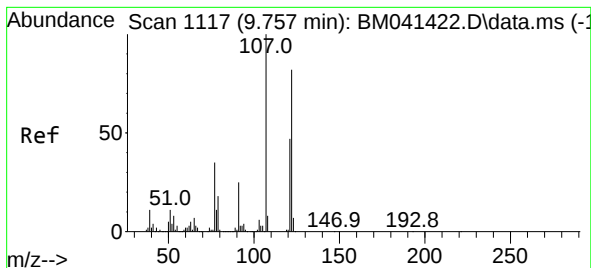


#26
2-Nitrophenol
Concen: 53.279 ng
RT: 9.692 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33



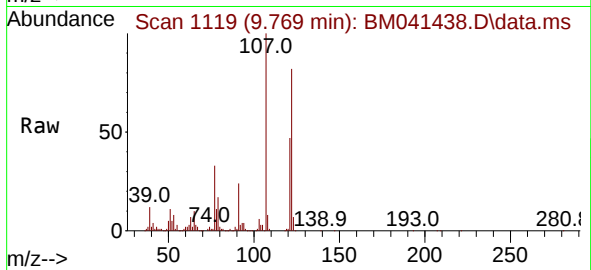
Tgt Ion:139 Resp: 259285
Ion Ratio Lower Upper
139 100
109 35.4 27.4 41.2
65 54.0 45.3 67.9





#27
2,4-Dimethylphenol
Concen: 51.914 ng
RT: 9.769 min Scan# 1119
Delta R.T. 0.012 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

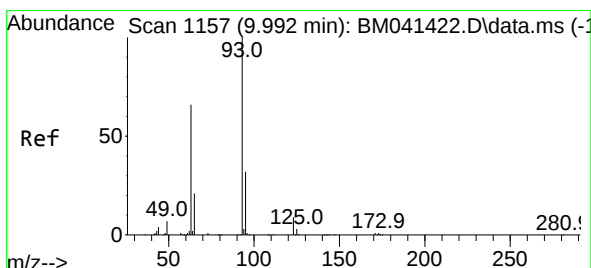
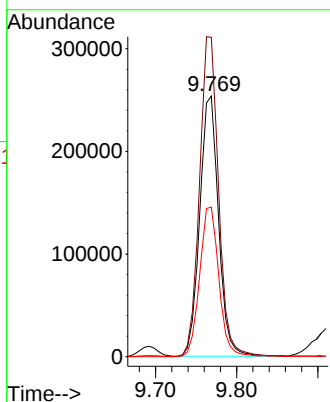
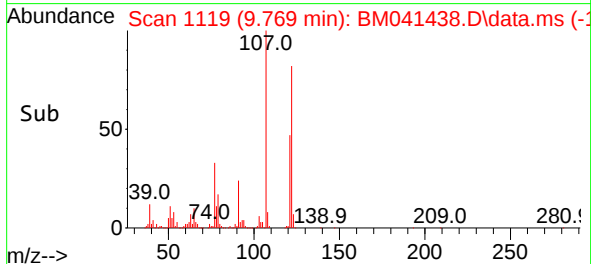
Instrument :
BNA_M
ClientSampleId :
PB154898BS



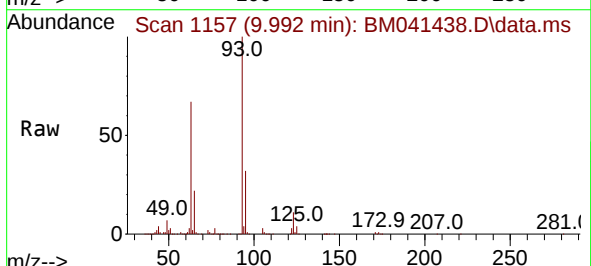
Tgt Ion:122 Resp: 406798
Ion Ratio Lower Upper
122 100
107 122.5 96.7 145.1
121 57.4 45.5 68.3

Manual Integrations
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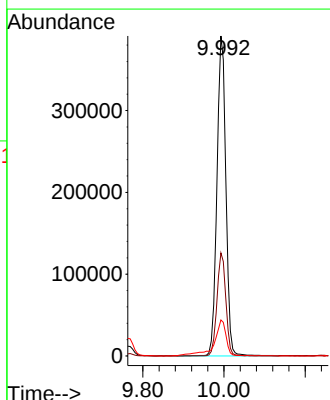
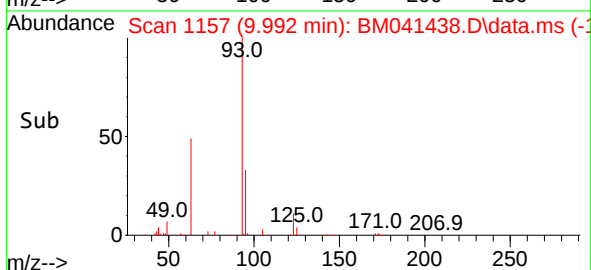
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

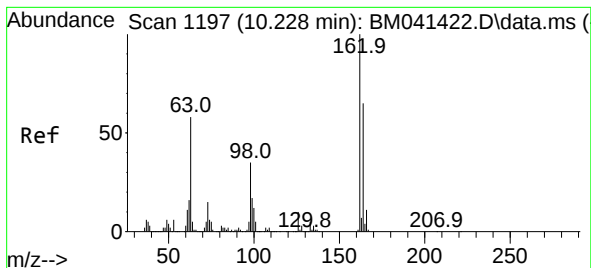


#28
bis(2-Chloroethoxy)methane
Concen: 50.192 ng
RT: 9.992 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33



Tgt Ion: 93 Resp: 596889
Ion Ratio Lower Upper
93 100
95 32.2 25.5 38.3
123 11.2 8.7 13.1





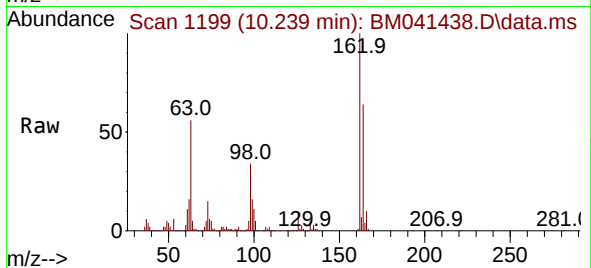
#29
2,4-Dichlorophenol
Concen: 56.688 ng
RT: 10.239 min Scan# 1199
Delta R.T. 0.012 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Instrument :

BNA_M

ClientSampleId :

PB154898BS

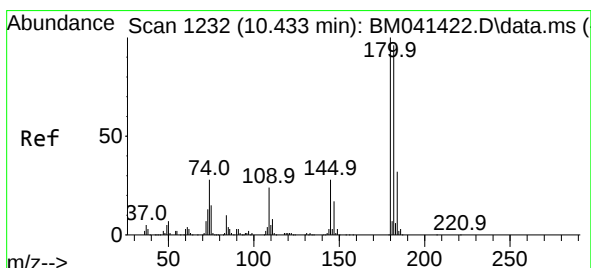
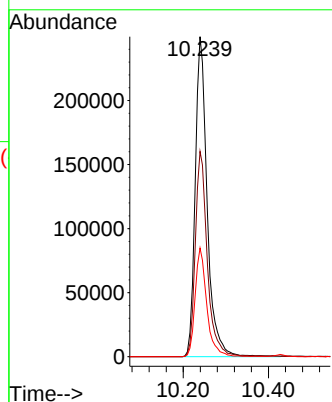
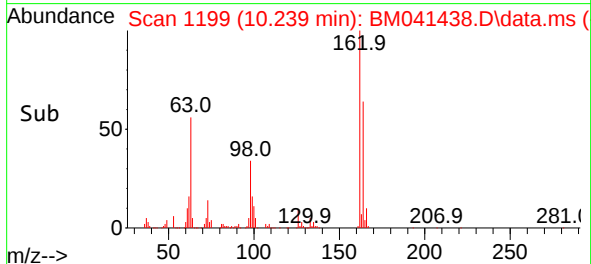


Tgt Ion:162 Resp: 486644
Ion Ratio Lower Upper
162 100
164 64.2 44.6 84.6
98 33.9 14.6 54.6

Manual Integrations

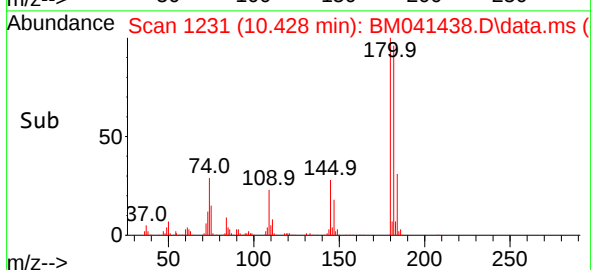
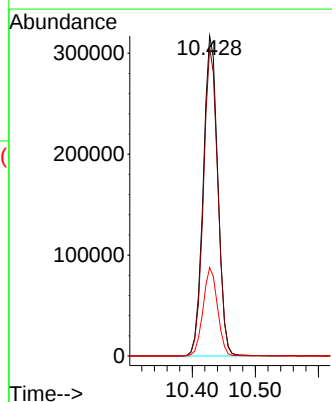
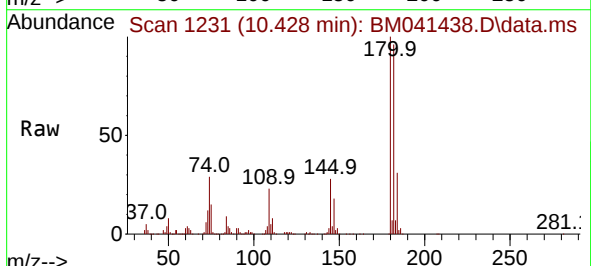
APPROVED

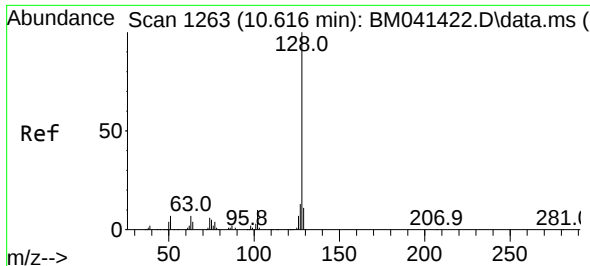
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#30
1,2,4-Trichlorobenzene
Concen: 53.179 ng
RT: 10.428 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

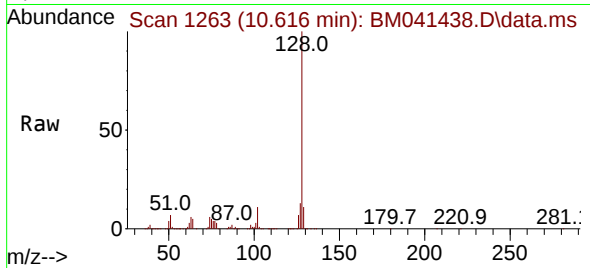
Tgt Ion:180 Resp: 506890
Ion Ratio Lower Upper
180 100
182 96.4 76.6 114.8
145 27.6 22.4 33.6





#31
Naphthalene
Concen: 49.270 ng
RT: 10.616 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

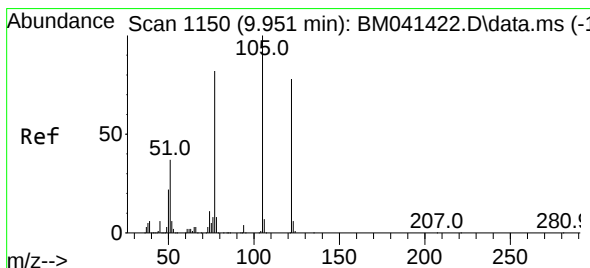
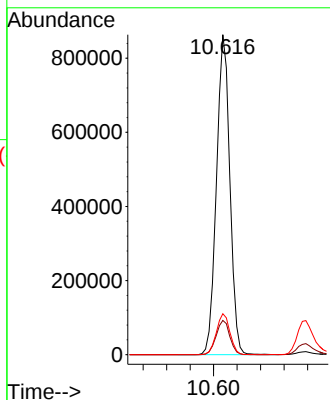
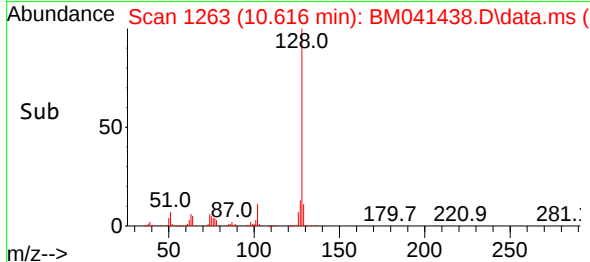
Instrument :
BNA_M
ClientSampleId :
PB154898BS



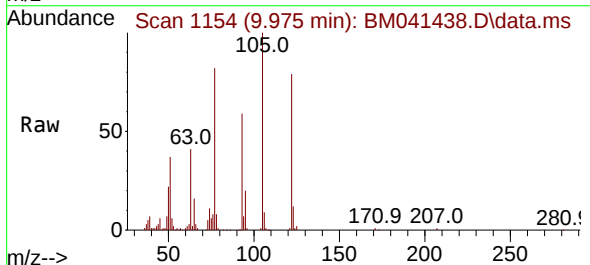
Tgt Ion:128 Resp: 1364950
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 12.8 10.6 15.8

Manual Integrations
APPROVED

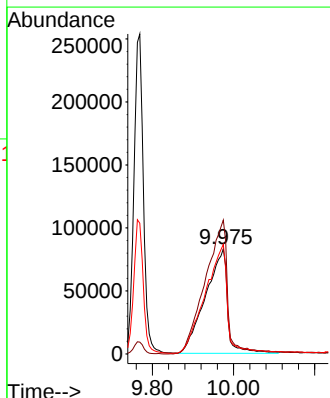
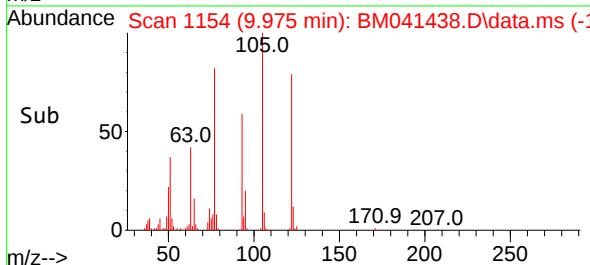
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

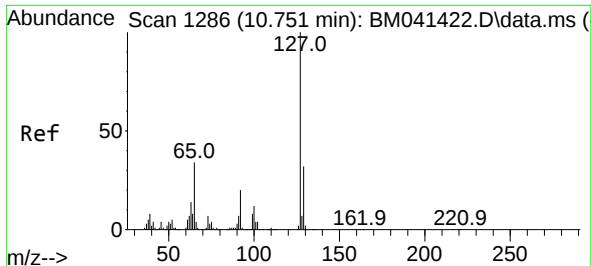


#32
Benzoic acid
Concen: 49.771 ng
RT: 9.975 min Scan# 1154
Delta R.T. 0.024 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33



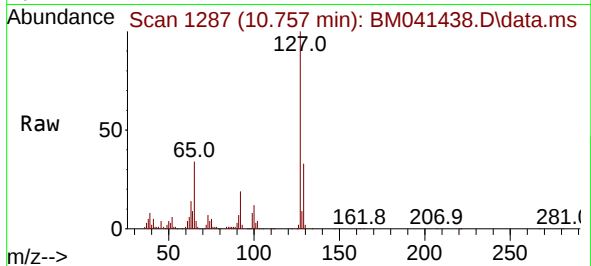
Tgt Ion:122 Resp: 313238
Ion Ratio Lower Upper
122 100
105 127.4 107.1 147.1
77 104.3 84.8 124.8





#33
4-Chloroaniline
Concen: 16.536 ng
RT: 10.757 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

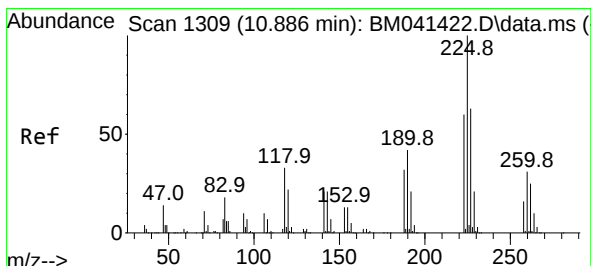
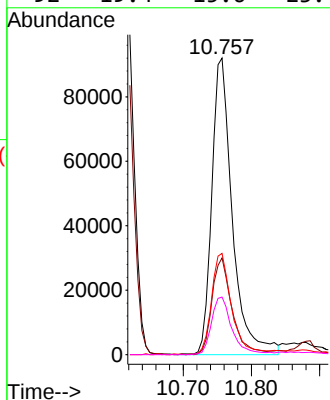
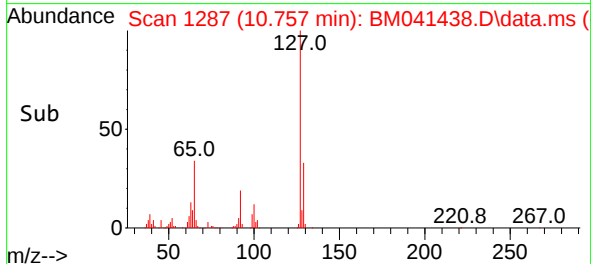
Instrument :
BNA_M
ClientSampleId :
PB154898BS



Tgt Ion:127 Resp: 19340
Ion Ratio Lower Upper
127 100
129 32.6 25.4 38.2
65 34.1 27.1 40.7
92 19.4 15.6 23.4

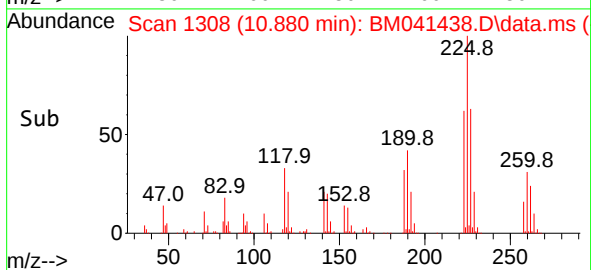
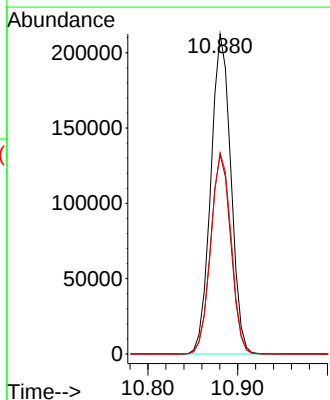
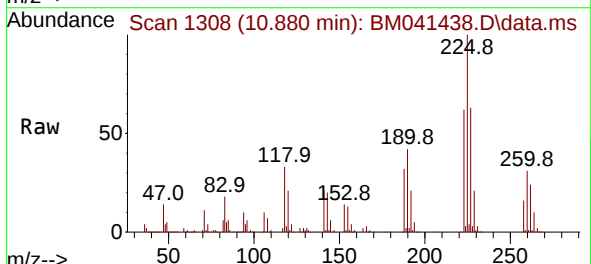
Manual Integrations
APPROVED

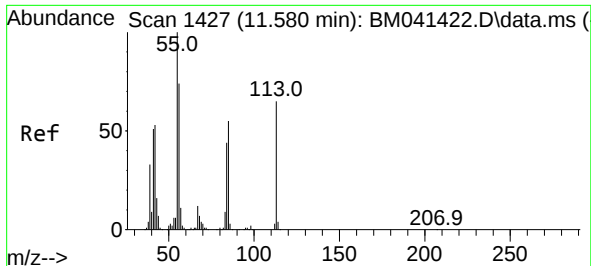
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#34
Hexachlorobutadiene
Concen: 52.250 ng
RT: 10.880 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

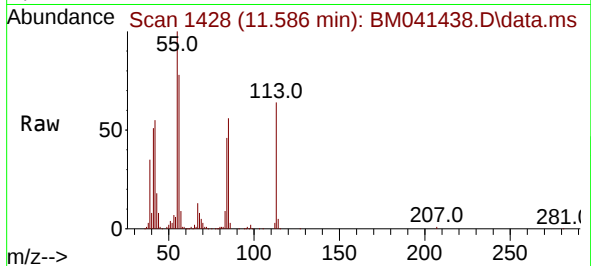
Tgt Ion:225 Resp: 329365
Ion Ratio Lower Upper
225 100
223 62.3 48.1 72.1
227 62.9 50.4 75.6





#35
Caprolactam
Concen: 51.861 ng
RT: 11.586 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

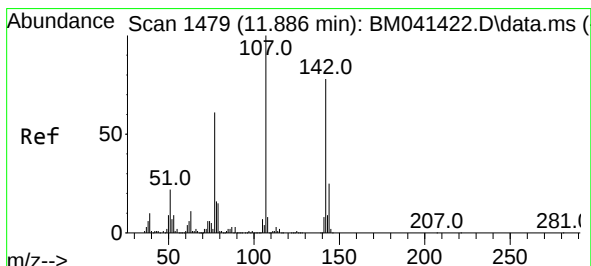
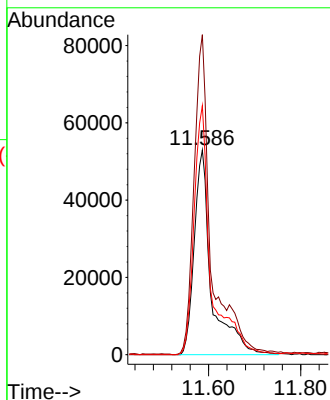
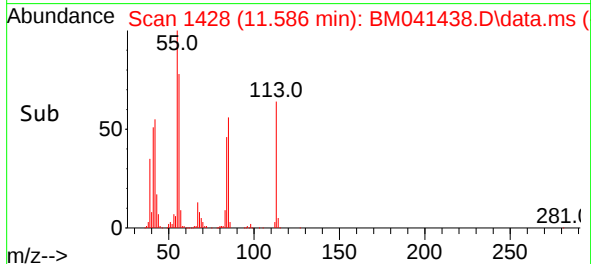
Instrument :
BNA_M
ClientSampleId :
PB154898BS



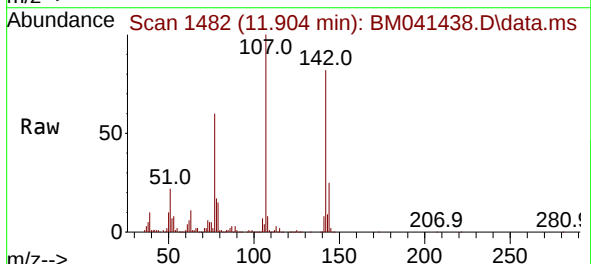
Tgt Ion:113 Resp: 138010
Ion Ratio Lower Upper
113 100
55 156.3 135.3 175.3
56 121.6 94.4 134.4

Manual Integrations
APPROVED

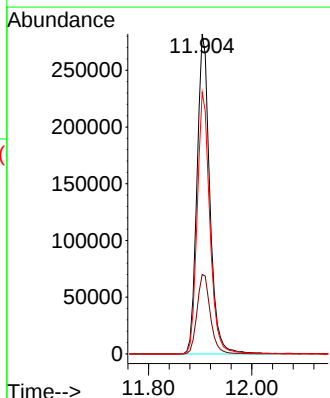
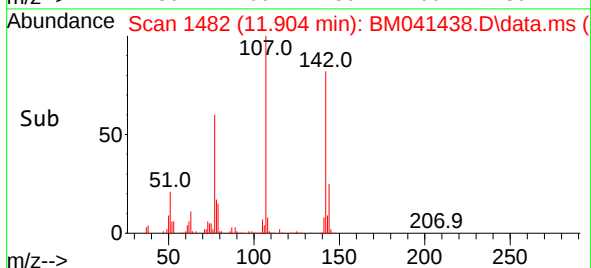
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

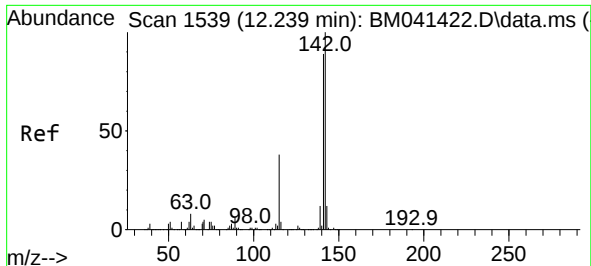


#36
4-Chloro-3-methylphenol
Concen: 52.911 ng
RT: 11.904 min Scan# 1482
Delta R.T. 0.018 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33



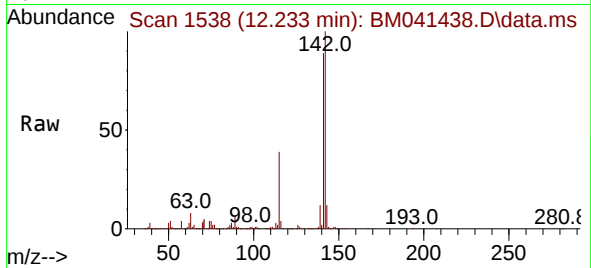
Tgt Ion:107 Resp: 483403
Ion Ratio Lower Upper
107 100
144 24.8 20.3 30.5
142 81.8 62.7 94.1





#37
2-Methylnaphthalene
Concen: 47.880 ng
RT: 12.233 min Scan# 1538
Delta R.T. -0.006 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

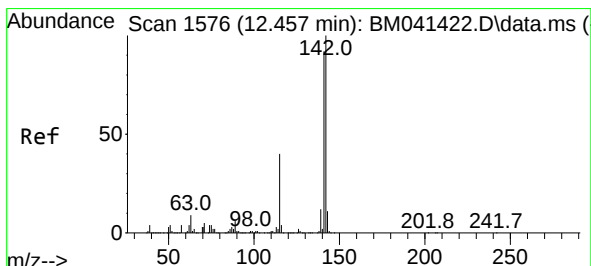
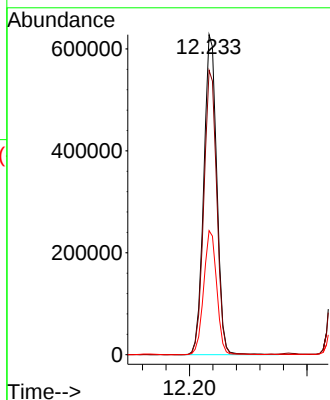
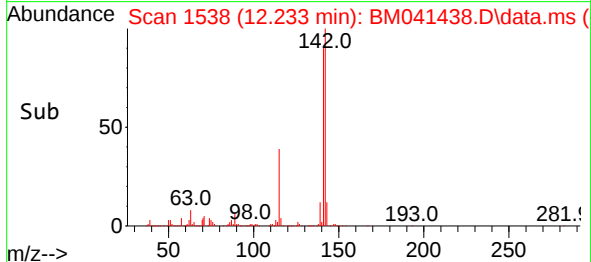
Instrument :
BNA_M
ClientSampleId :
PB154898BS



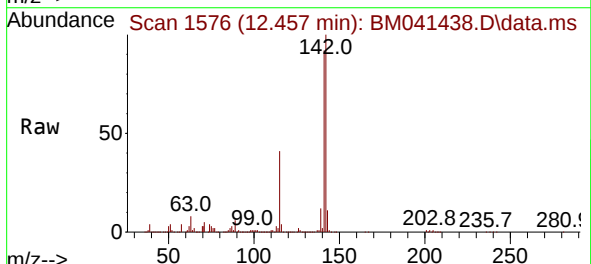
Tgt Ion:142 Resp: 965190
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.0
115 38.8 30.8 46.2

Manual Integrations
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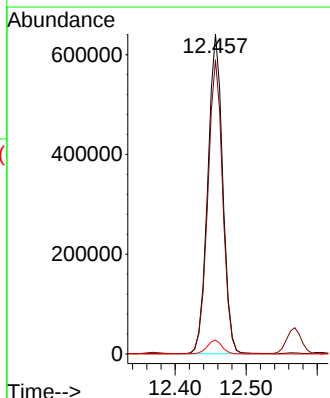
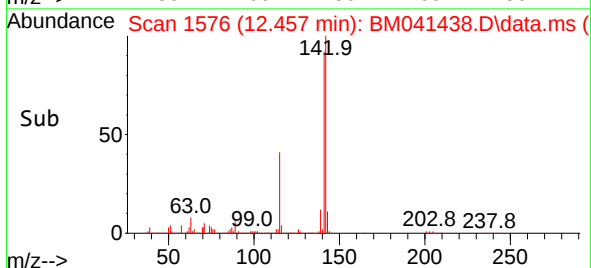
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

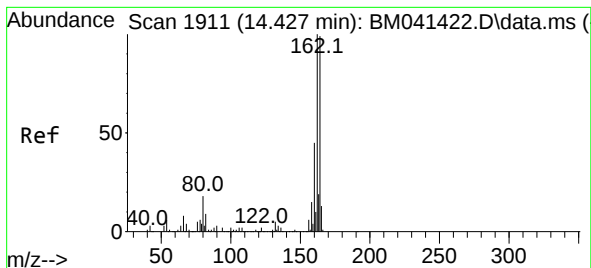


#38
1-Methylnaphthalene
Concen: 49.078 ng
RT: 12.457 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33



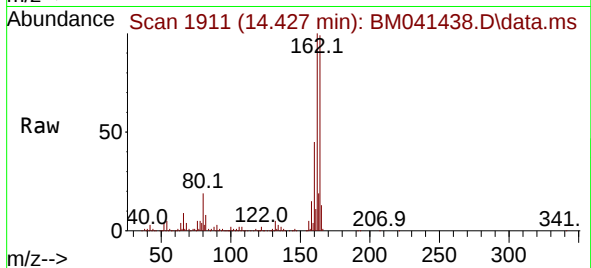
Tgt Ion:142 Resp: 934672
Ion Ratio Lower Upper
142 100
141 91.9 73.3 109.9
116 4.4 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.427 min Scan# 1911
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

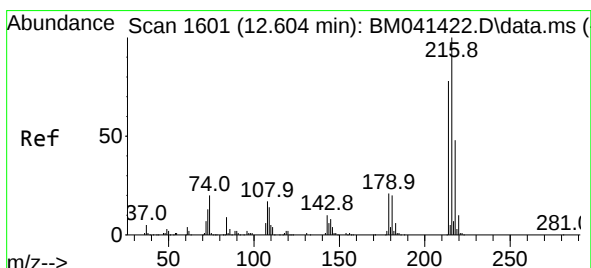
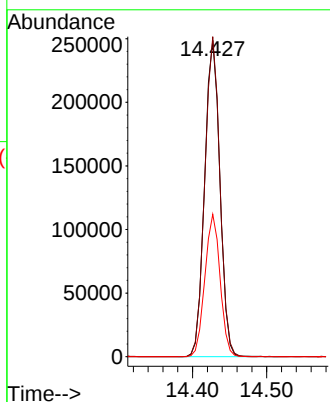
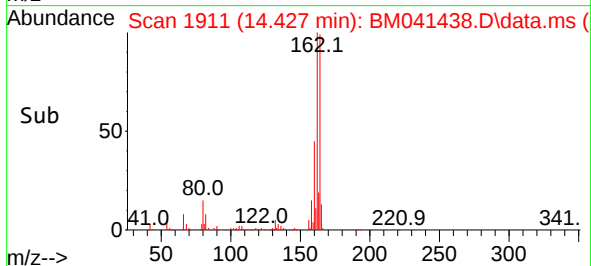
Instrument :
BNA_M
ClientSampleId :
PB154898BS



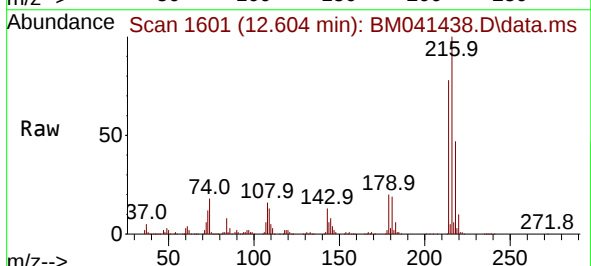
Tgt Ion:164 Resp: 355744
Ion Ratio Lower Upper
164 100
162 101.2 80.4 120.6
160 45.0 35.9 53.9

Manual Integrations
APPROVED

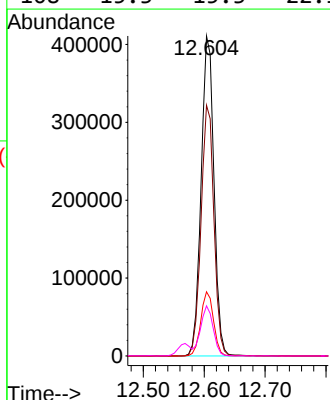
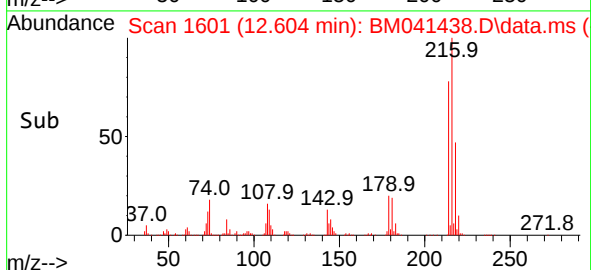
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

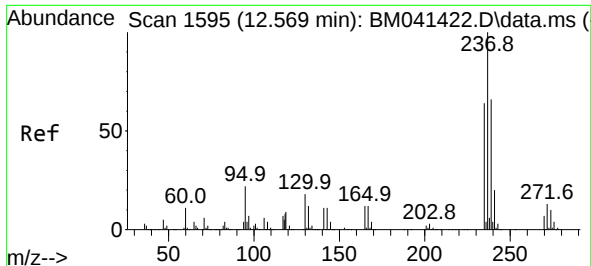


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.911 ng
RT: 12.604 min Scan# 1601
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33



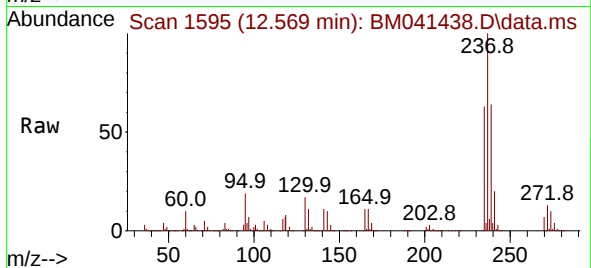
Tgt Ion:216 Resp: 602500
Ion Ratio Lower Upper
216 100
214 78.7 62.4 93.6
179 20.0 16.2 24.4
108 15.3 15.3 22.9





#41
Hexachlorocyclopentadiene
Concen: 108.142 ng
RT: 12.569 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

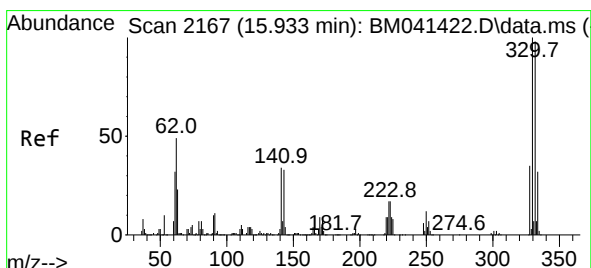
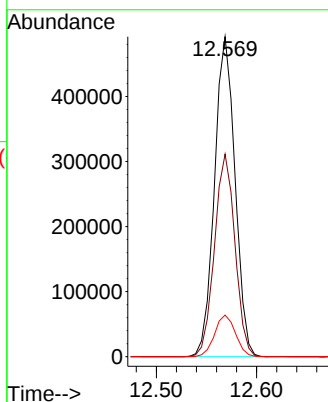
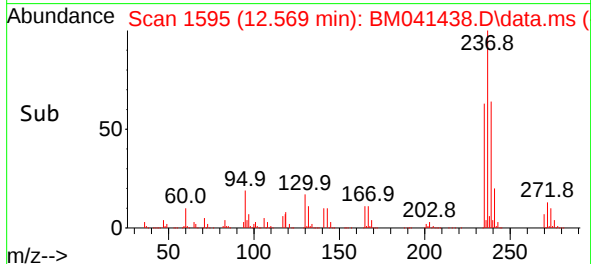
Instrument :
BNA_M
ClientSampleId :
PB154898BS



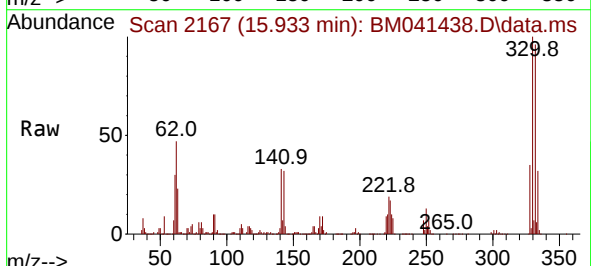
Tgt Ion: 237 Resp: 698390
Ion Ratio Lower Upper
237 100
235 63.3 43.5 83.5
272 13.0 0.0 32.8

Manual Integrations
APPROVED

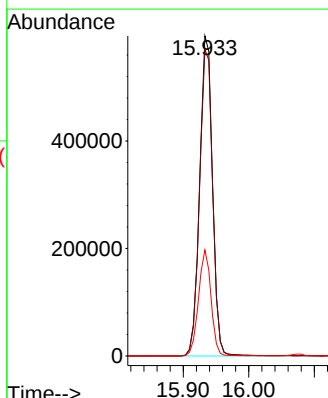
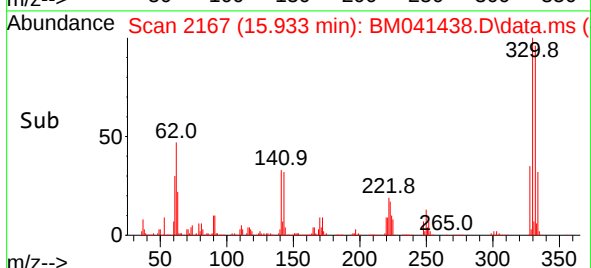
Reviewed By : Yogesh Patel 08/18/2023
Supervised By : mohammad ahmed 08/18/2023

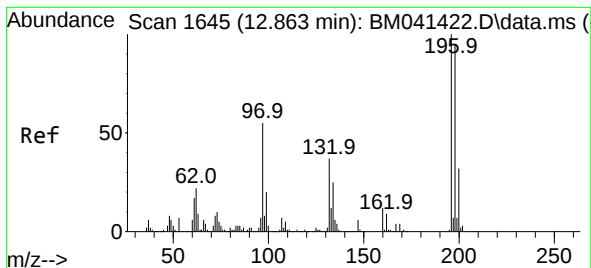


#42
2,4,6-Tribromophenol
Concen: 144.238 ng
RT: 15.933 min Scan# 2167
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33



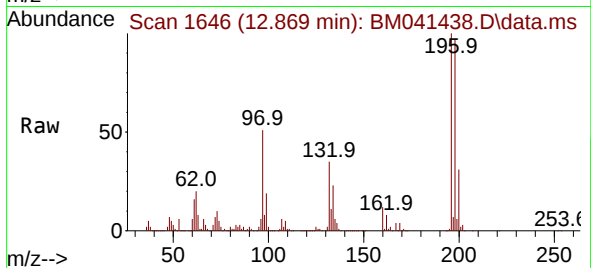
Tgt Ion: 330 Resp: 814288
Ion Ratio Lower Upper
330 100
332 97.2 78.0 117.0
141 32.2 28.3 42.5





#43
2,4,6-Trichlorophenol
Concen: 53.945 ng
RT: 12.869 min Scan# 1661
Delta R.T. 0.006 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

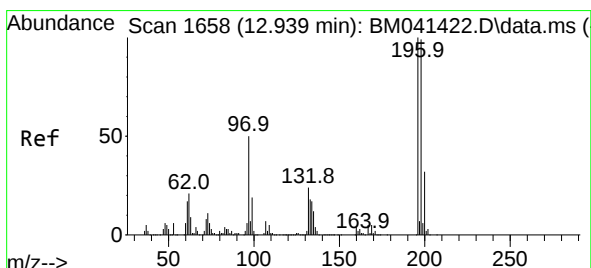
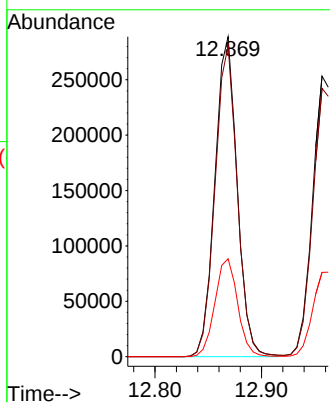
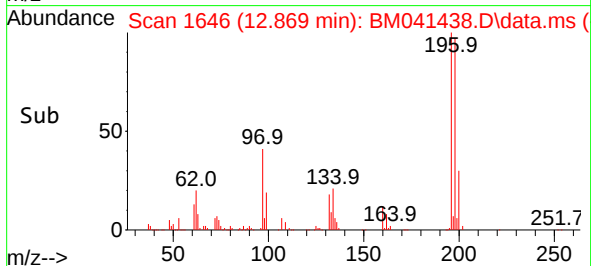
Instrument :
BNA_M
ClientSampleId :
PB154898BS



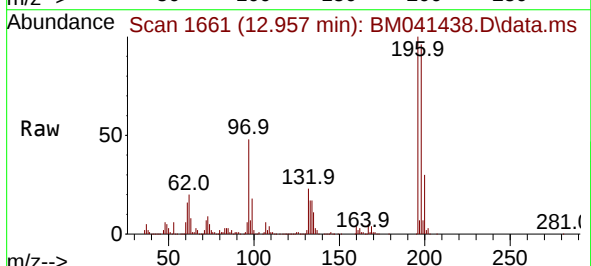
Tgt Ion:196 Resp: 41902
Ion Ratio Lower Upper
196 100
198 97.3 75.9 113.9
200 30.6 25.4 38.2

Manual Integrations
APPROVED

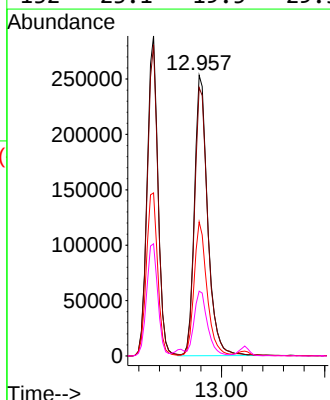
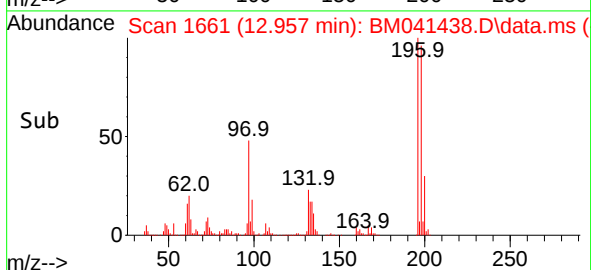
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

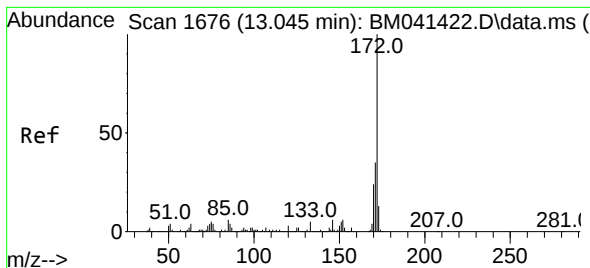


#44
2,4,5-Trichlorophenol
Concen: 50.236 ng
RT: 12.957 min Scan# 1661
Delta R.T. 0.018 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33



Tgt Ion:196 Resp: 451733
Ion Ratio Lower Upper
196 100
198 95.6 79.1 118.7
97 47.8 39.9 59.9
132 23.1 19.5 29.3





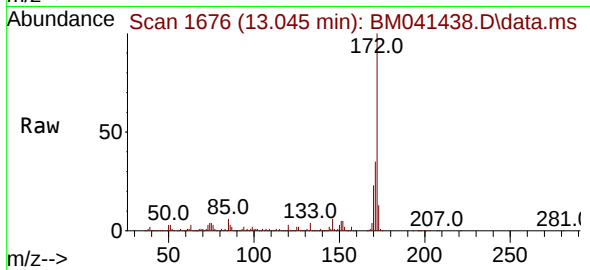
#45
2-Fluorobiphenyl
Concen: 95.094 ng
RT: 13.045 min Scan# 1676
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Instrument :

BNA_M

ClientSampleId :

PB154898BS



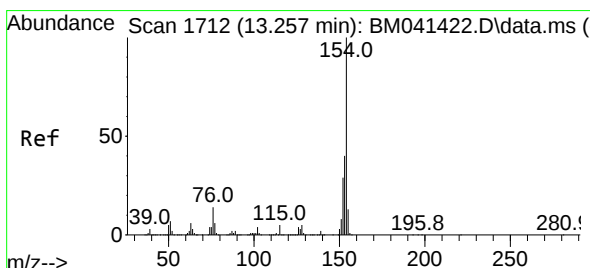
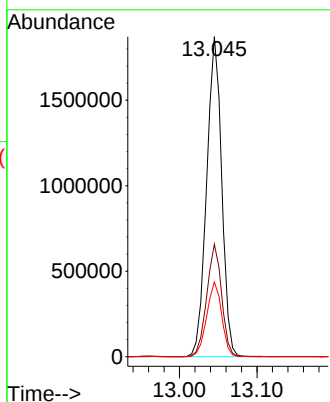
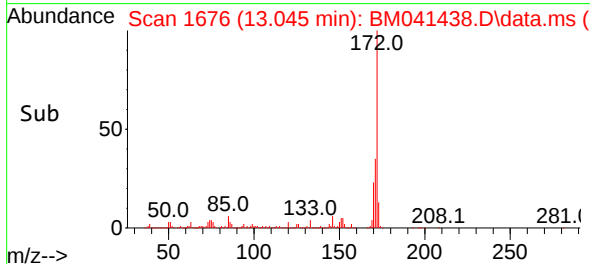
Tgt Ion:172 Resp: 252453
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.3 19.0 28.6

Manual Integrations

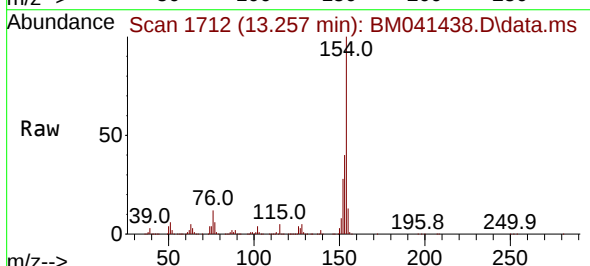
APPROVED

Reviewed By :Yogesh Patel 08/18/2023

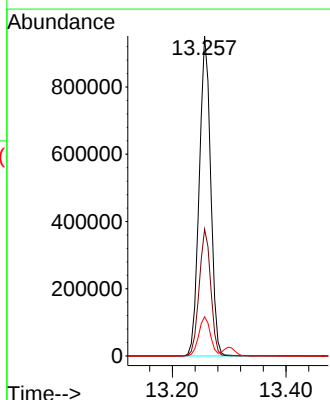
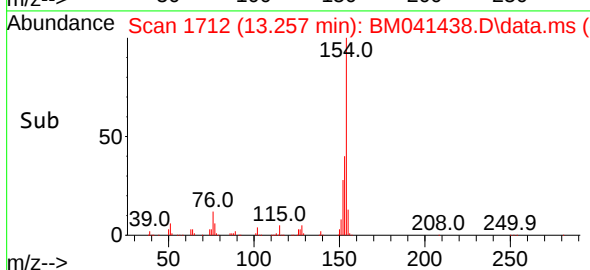
Supervised By :mohammad ahmed 08/18/2023

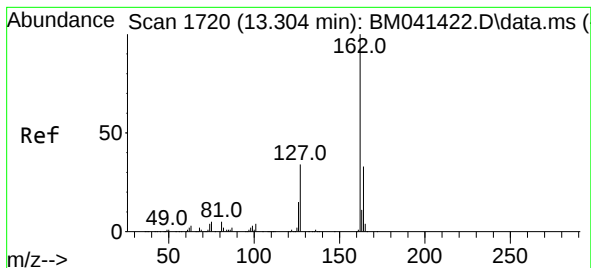


#46
1,1'-Biphenyl
Concen: 49.570 ng
RT: 13.257 min Scan# 1712
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33



Tgt Ion:154 Resp: 1330825
Ion Ratio Lower Upper
154 100
153 39.6 20.4 60.4
76 12.2 0.0 33.6





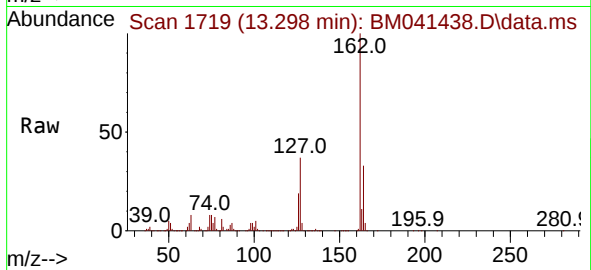
#47
2-Chloronaphthalene
Concen: 51.377 ng
RT: 13.298 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Instrument :

BNA_M

ClientSampleId :

PB154898BS



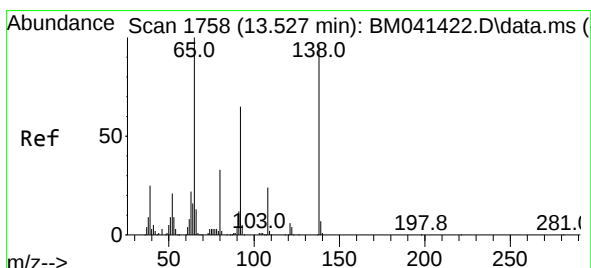
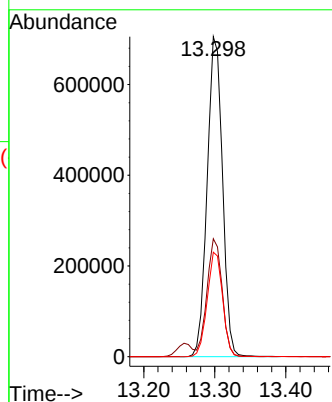
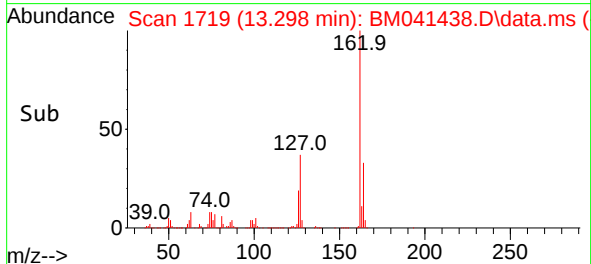
Tgt Ion:162 Resp: 106014
Ion Ratio Lower Upper
162 100
127 36.8 29.6 44.4
164 32.6 26.2 39.2

Manual Integrations

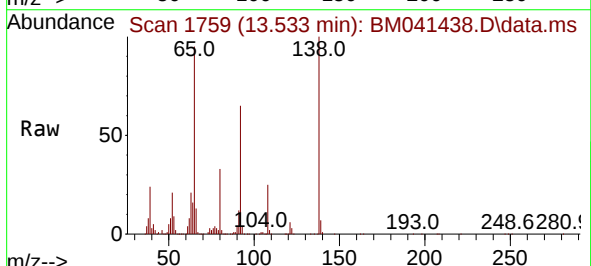
APPROVED

Reviewed By :Yogesh Patel 08/18/2023

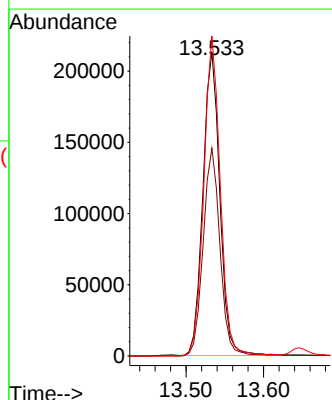
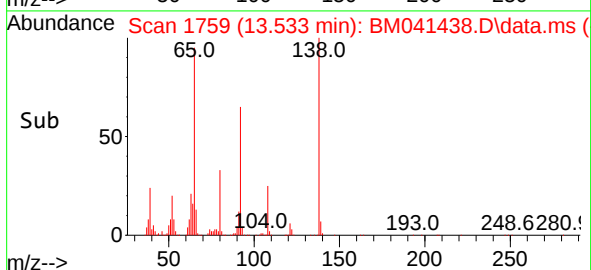
Supervised By :mohammad ahmed 08/18/2023

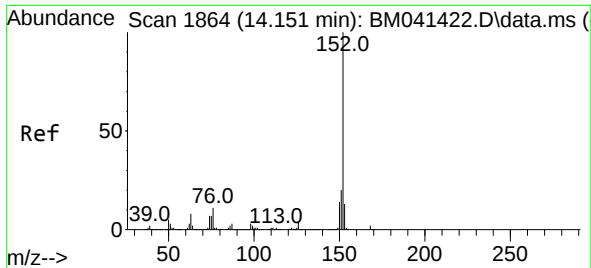


#48
2-Nitroaniline
Concen: 47.716 ng
RT: 13.533 min Scan# 1759
Delta R.T. 0.006 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33



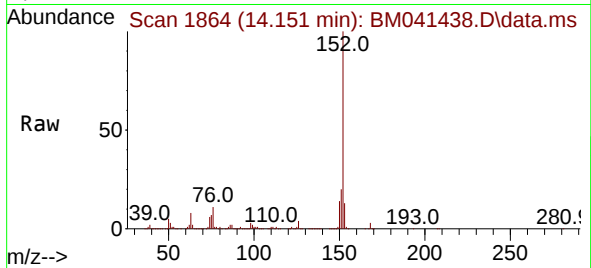
Tgt Ion: 65 Resp: 321717
Ion Ratio Lower Upper
65 100
92 68.2 51.9 77.9
138 105.2 76.8 115.2





#49
Acenaphthylene
Concen: 50.601 ng
RT: 14.151 min Scan# 1864
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

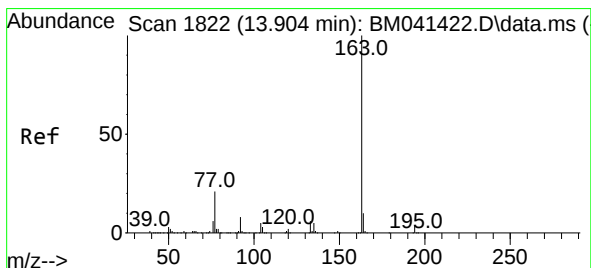
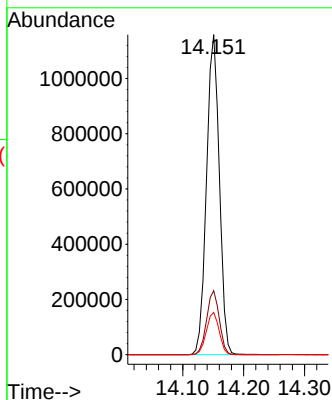
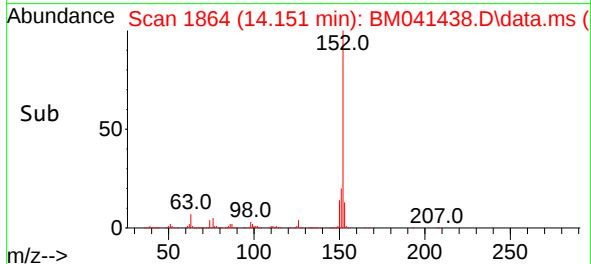
Instrument :
BNA_M
ClientSampleId :
PB154898BS



Tgt Ion:152 Resp: 169198
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.2 10.2 15.2

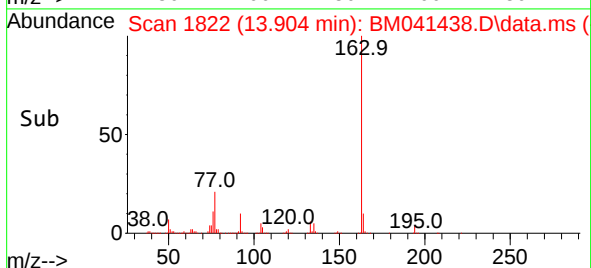
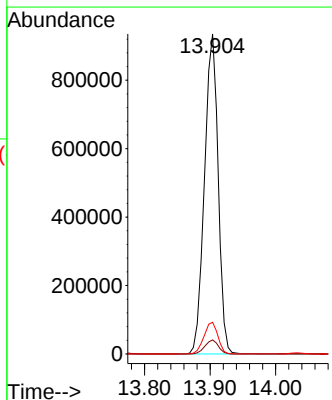
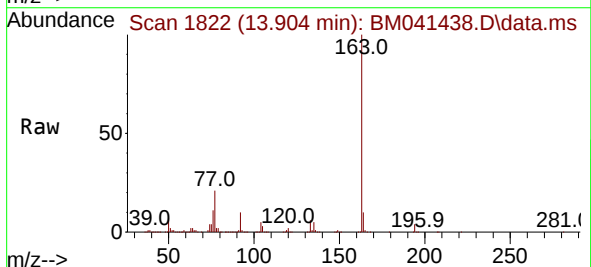
Manual Integrations
APPROVED

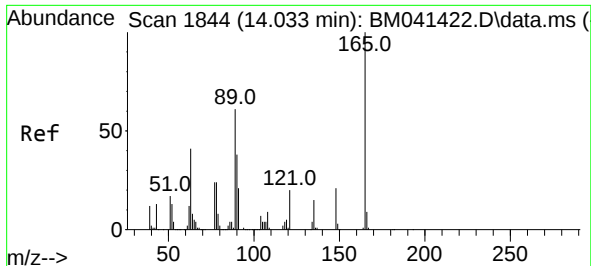
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#50
Dimethylphthalate
Concen: 48.886 ng
RT: 13.904 min Scan# 1822
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

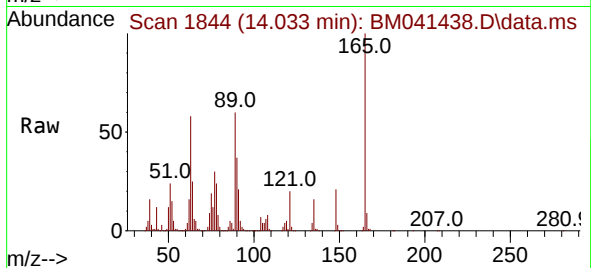
Tgt Ion:163 Resp: 1357982
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 9.9 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 50.376 ng
RT: 14.033 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

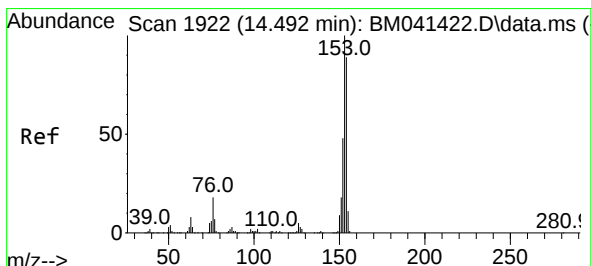
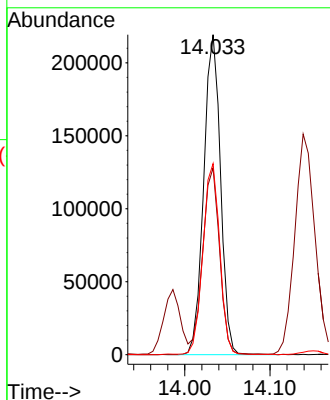
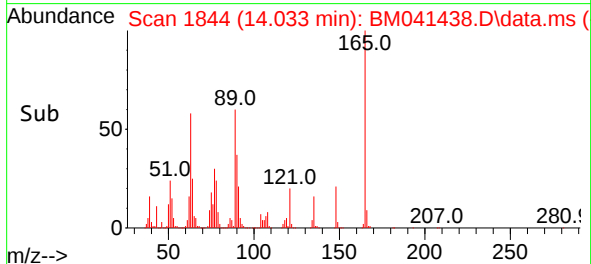
Instrument :
BNA_M
ClientSampleId :
PB154898BS



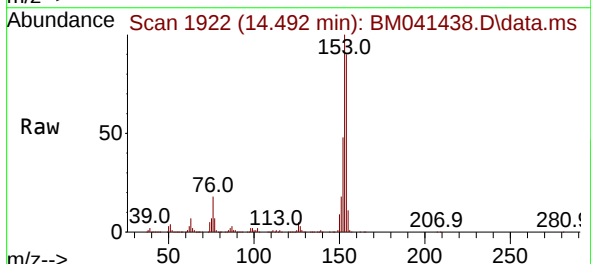
Tgt Ion:165 Resp: 29990
Ion Ratio Lower Upper
165 100
63 58.4 49.5 74.3
89 59.7 49.4 74.0

Manual Integrations
APPROVED

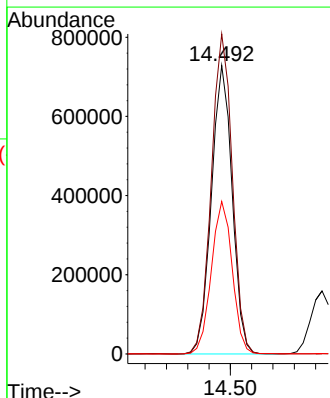
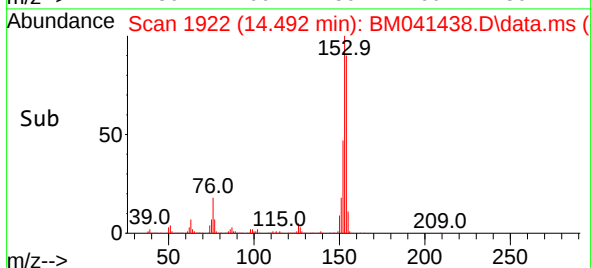
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

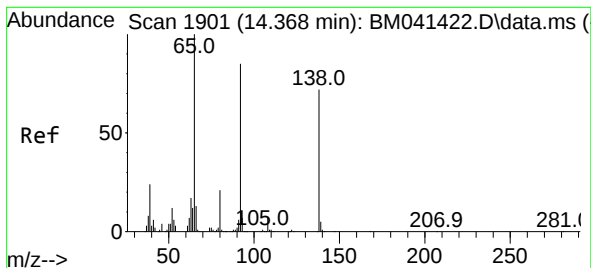


#52
Acenaphthene
Concen: 49.268 ng
RT: 14.492 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33



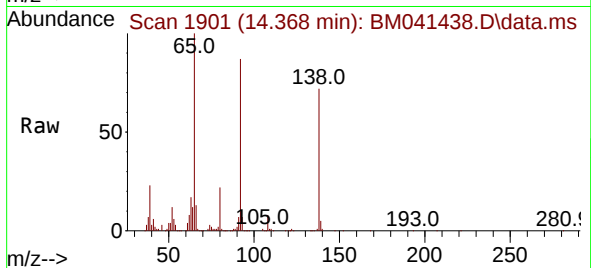
Tgt Ion:154 Resp: 985303
Ion Ratio Lower Upper
154 100
153 110.9 90.4 135.6
152 52.8 43.1 64.7





#53
3-Nitroaniline
Concen: 33.550 ng
RT: 14.368 min Scan# 1901
Delta R.T. 0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

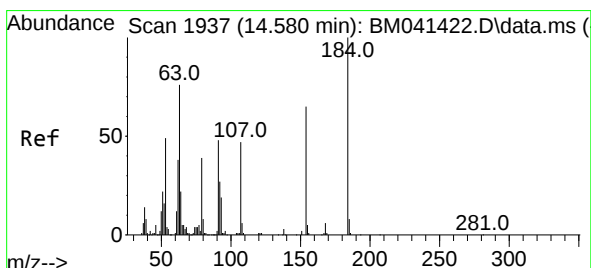
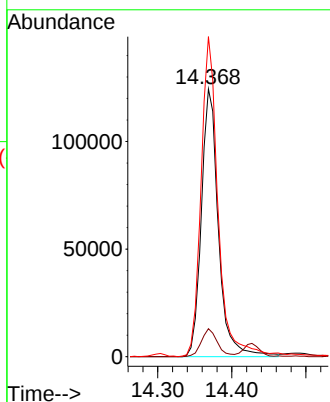
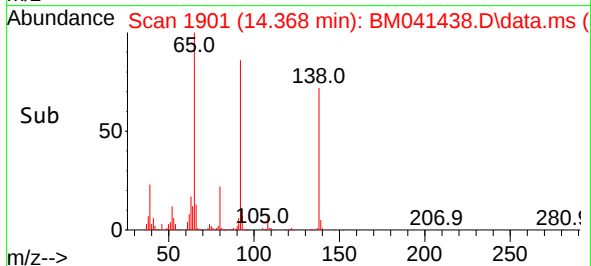
Instrument :
BNA_M
ClientSampleId :
PB154898BS



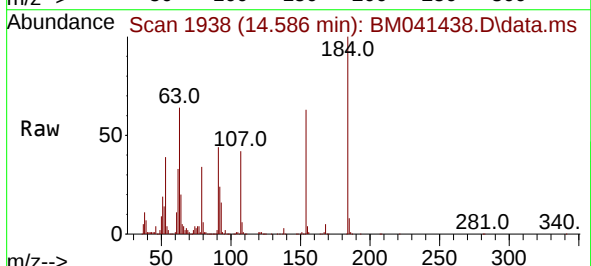
Tgt Ion:138 Resp: 19919
Ion Ratio Lower Upper
138 100
108 10.5 7.9 11.9
92 119.6 95.1 142.7

Manual Integrations
APPROVED

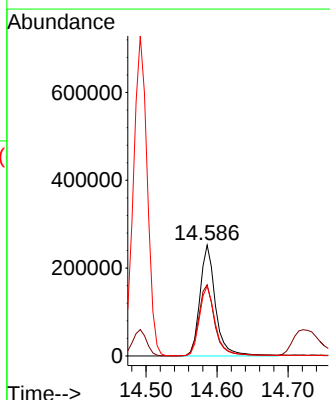
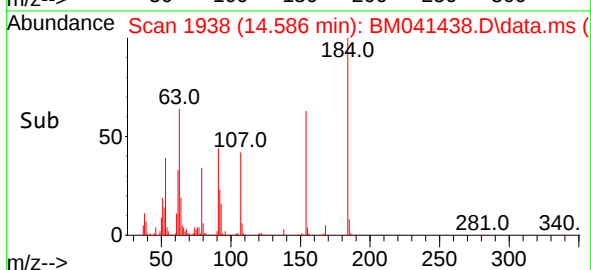
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

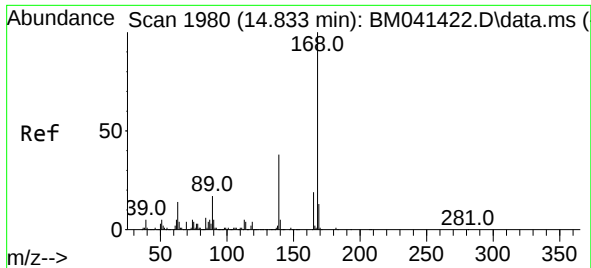


#54
2,4-Dinitrophenol
Concen: 103.347 ng
RT: 14.586 min Scan# 1938
Delta R.T. 0.006 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33



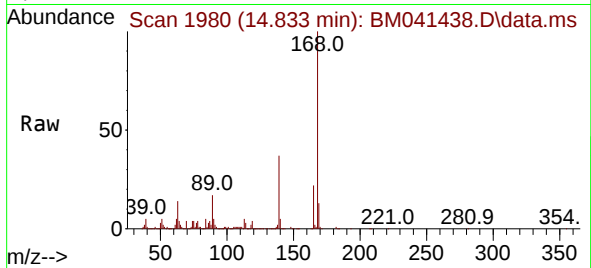
Tgt Ion:184 Resp: 384832
Ion Ratio Lower Upper
184 100
63 64.2 61.1 91.7
154 63.0 52.4 78.6





#55
Dibenzofuran
Concen: 49.205 ng
RT: 14.833 min Scan# 1980
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

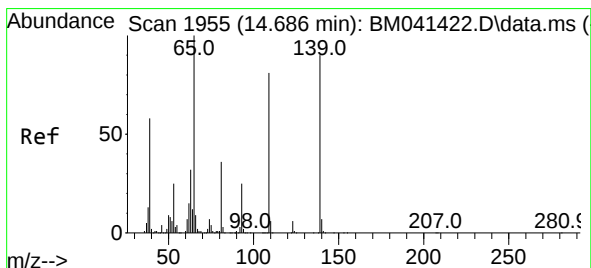
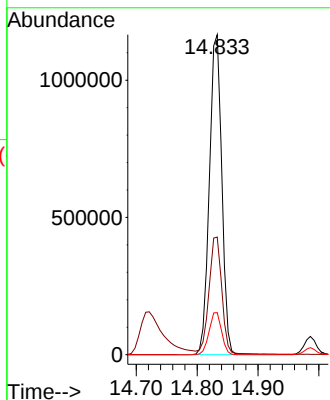
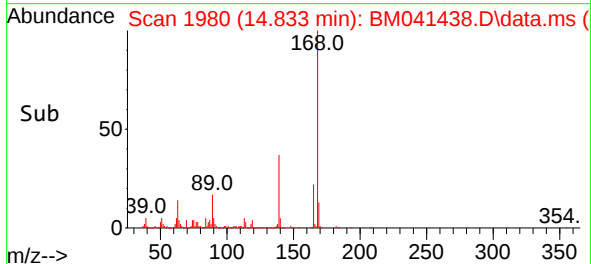
Instrument :
BNA_M
ClientSampleId :
PB154898BS



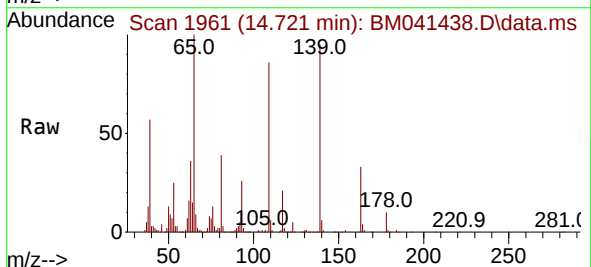
Tgt Ion:168 Resp: 165013
Ion Ratio Lower Upper
168 100
139 36.8 30.2 45.2
169 13.1 10.5 15.7

Manual Integrations
APPROVED

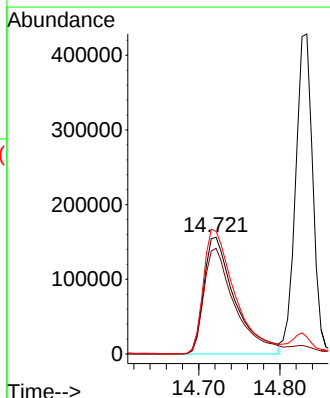
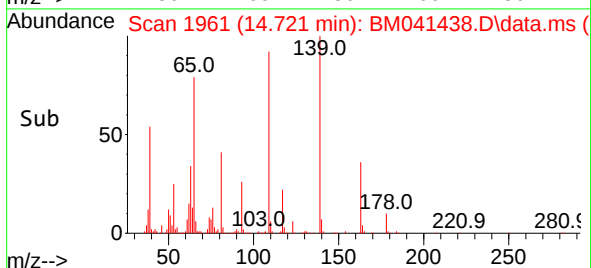
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

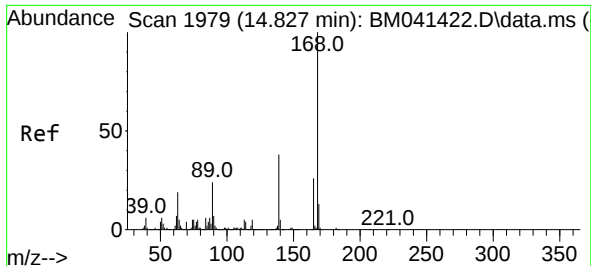


#56
4-Nitrophenol
Concen: 93.317 ng
RT: 14.721 min Scan# 1961
Delta R.T. 0.035 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33



Tgt Ion:139 Resp: 417194
Ion Ratio Lower Upper
139 100
109 90.5 70.6 110.6
65 105.1 91.8 131.8





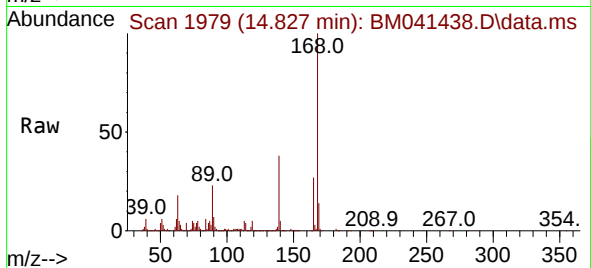
#57
2,4-Dinitrotoluene
Concen: 51.583 ng
RT: 14.827 min Scan# 1979
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Instrument :

BNA_M

ClientSampleId :

PB154898BS

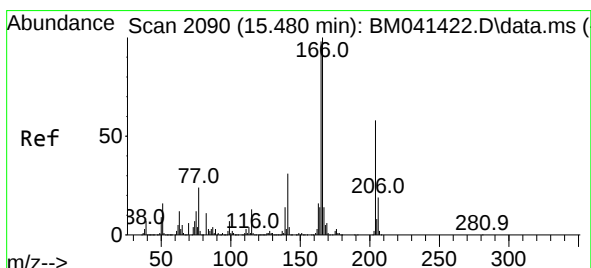
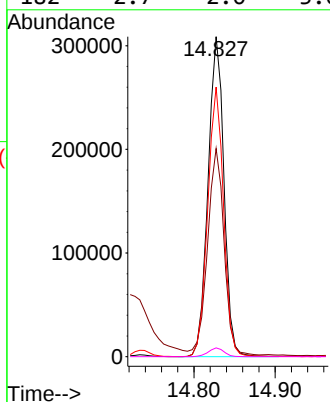
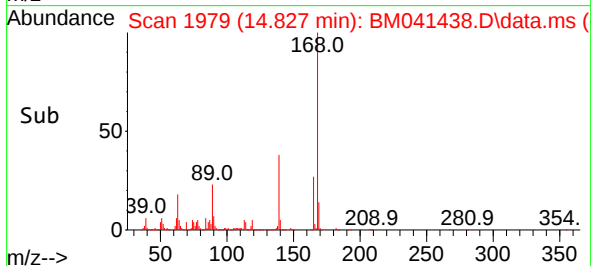


Tgt Ion:165 Resp: 41968
Ion Ratio Lower Upper
165 100
63 65.0 56.8 85.2
89 84.2 73.4 110.0
182 2.7 2.0 3.0

Manual Integrations

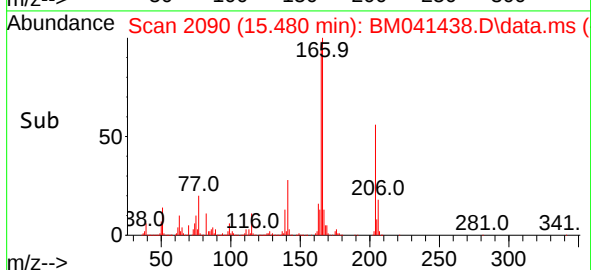
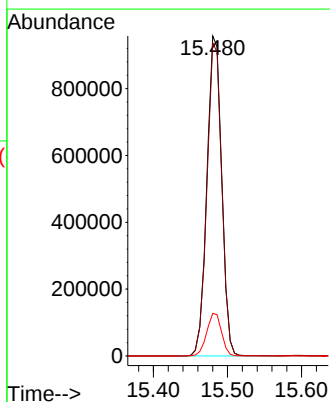
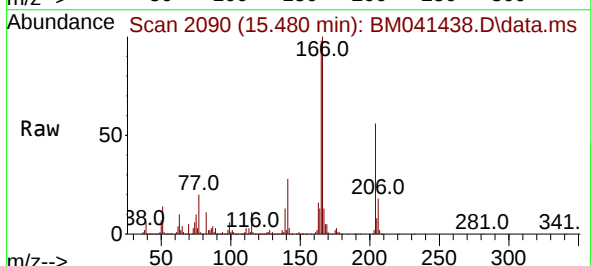
APPROVED

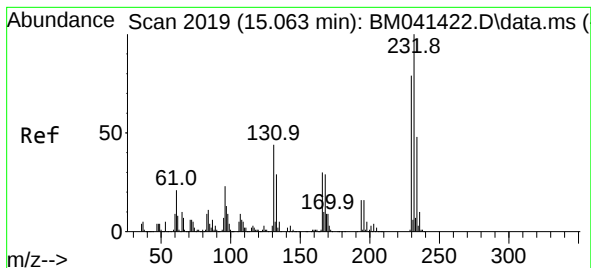
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#58
Fluorene
Concen: 49.455 ng
RT: 15.480 min Scan# 2090
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

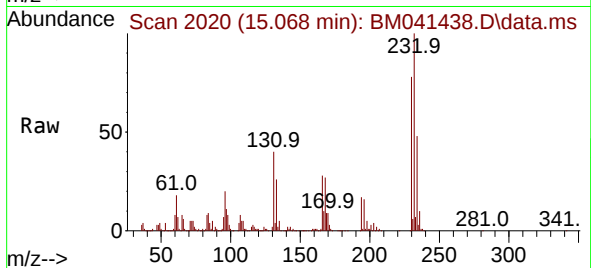
Tgt Ion:166 Resp: 1329157
Ion Ratio Lower Upper
166 100
165 97.9 78.2 117.4
167 13.3 11.2 16.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.255 ng
RT: 15.068 min Scan# 2019
Delta R.T. 0.006 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

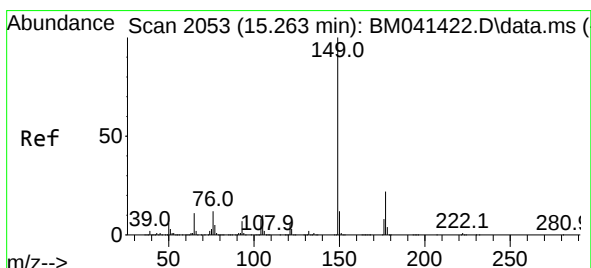
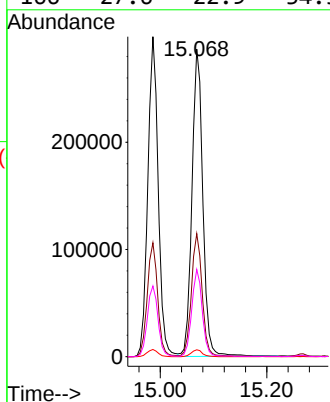
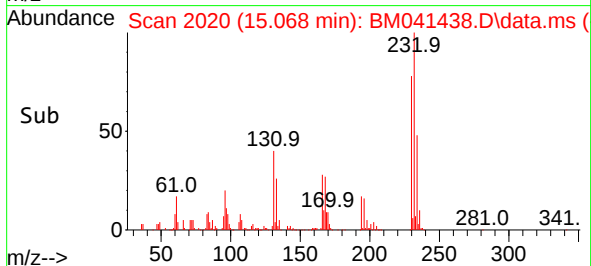
Instrument :
BNA_M
ClientSampleId :
PB154898BS



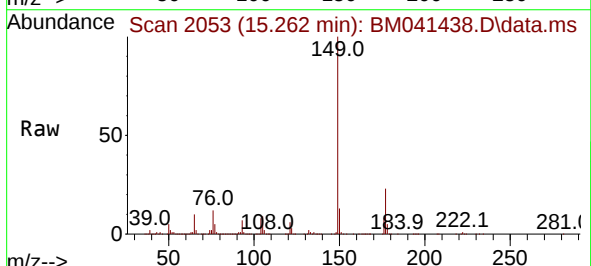
Tgt Ion:232 Resp: 40699
Ion Ratio Lower Upper
232 100
131 39.8 34.7 52.1
130 2.3 1.9 2.9
166 27.6 22.9 34.3

Manual Integrations
APPROVED

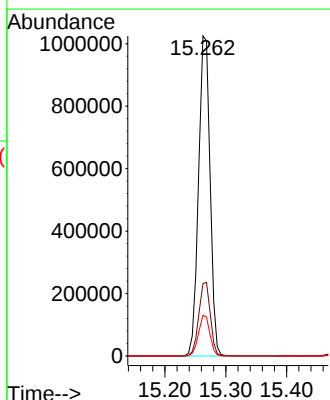
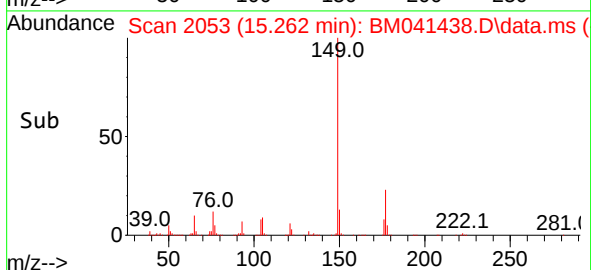
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

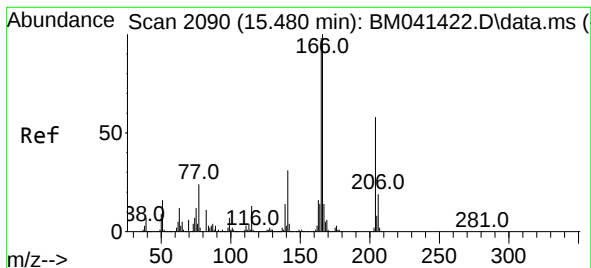


#60
Diethylphthalate
Concen: 48.488 ng
RT: 15.262 min Scan# 2053
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33



Tgt Ion:149 Resp: 1345745
Ion Ratio Lower Upper
149 100
177 22.7 17.8 26.8
150 12.8 9.8 14.8





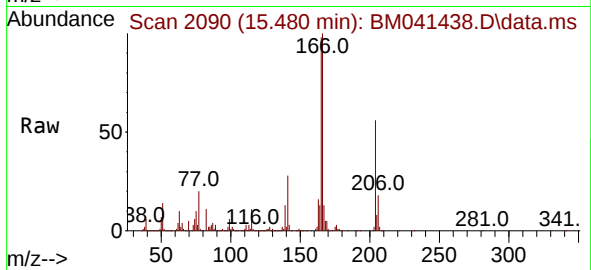
#61
4-Chlorophenyl-phenylether
Concen: 50.191 ng
RT: 15.480 min Scan# 2090
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Instrument :

BNA_M

ClientSampleId :

PB154898BS

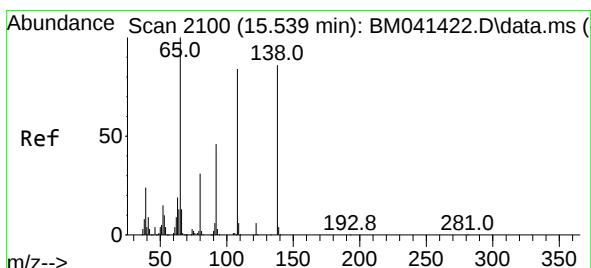
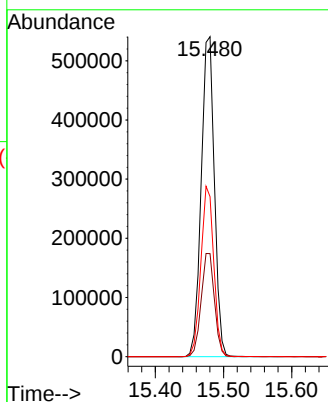
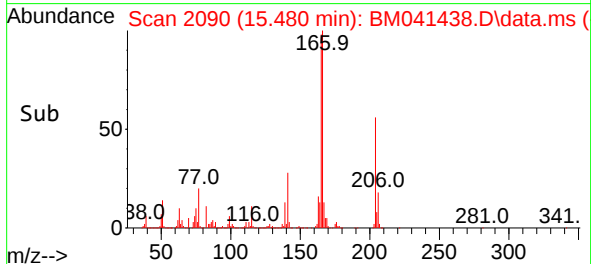


Tgt Ion:204 Resp: 727260
Ion Ratio Lower Upper
204 100
206 32.2 26.2 39.2
141 50.0 42.9 64.3

Manual Integrations

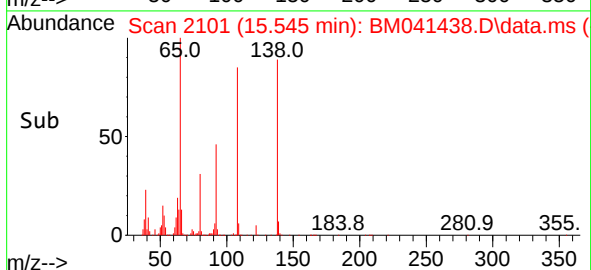
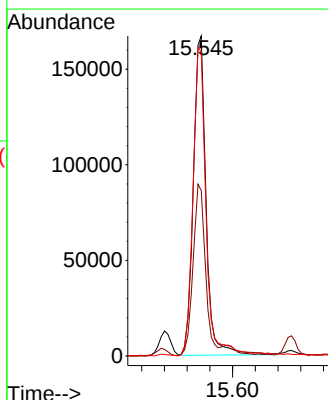
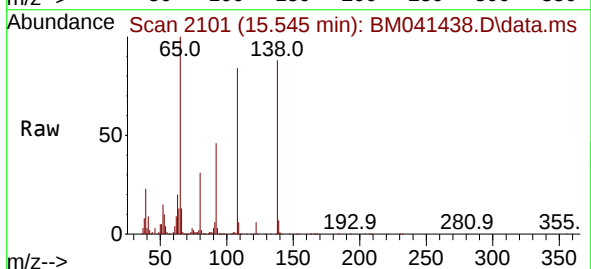
APPROVED

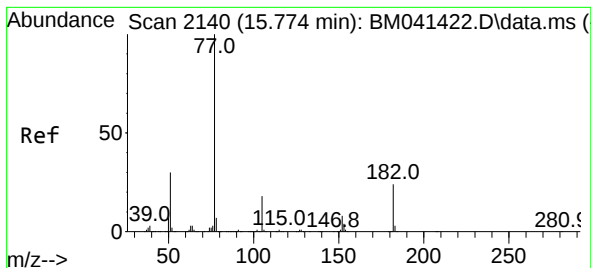
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#62
4-Nitroaniline
Concen: 48.391 ng
RT: 15.545 min Scan# 2101
Delta R.T. 0.006 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

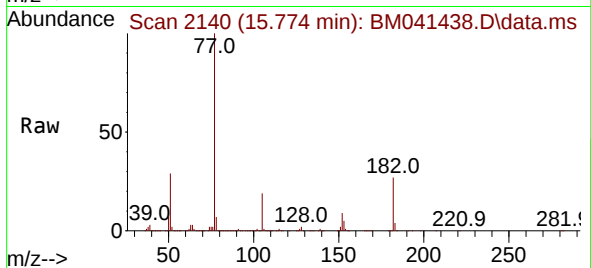
Tgt Ion:138 Resp: 262095
Ion Ratio Lower Upper
138 100
92 51.7 33.5 73.5
108 95.1 76.6 116.6





#63
Azobenzene
Concen: 46.518 ng
RT: 15.774 min Scan# 2140
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

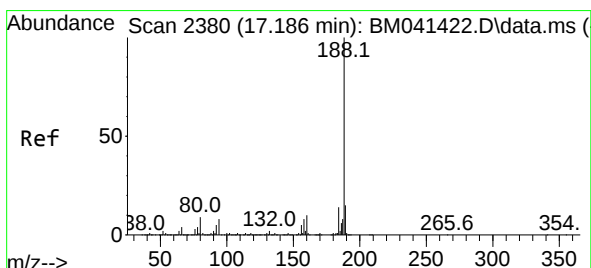
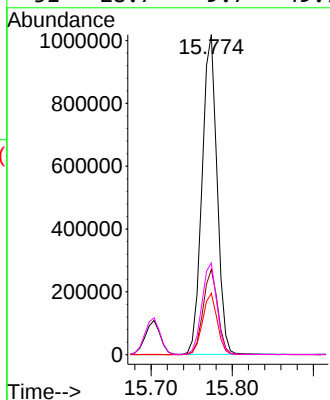
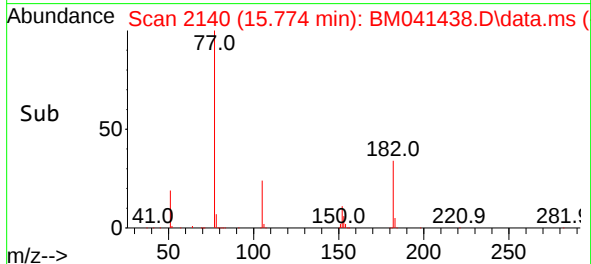
Instrument :
BNA_M
ClientSampleId :
PB154898BS



Tgt Ion: 77 Resp: 1300798
Ion Ratio Lower Upper
77 100
182 26.6 3.7 43.7
105 19.1 0.0 37.7
51 28.7 9.7 49.7

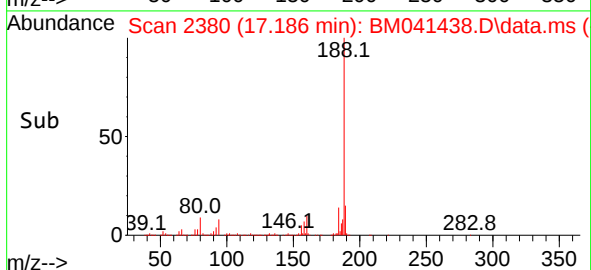
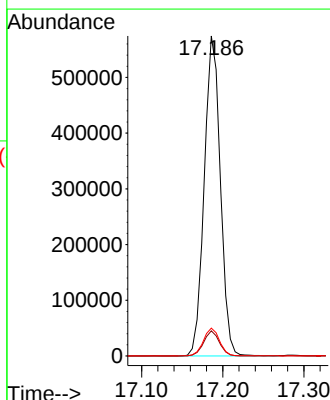
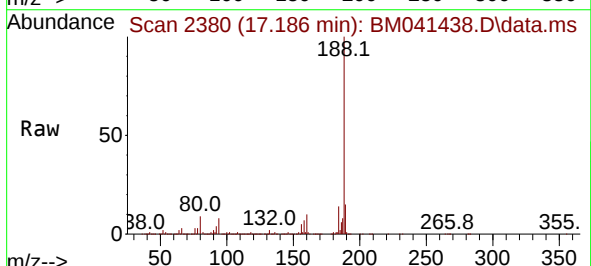
Manual Integrations
APPROVED

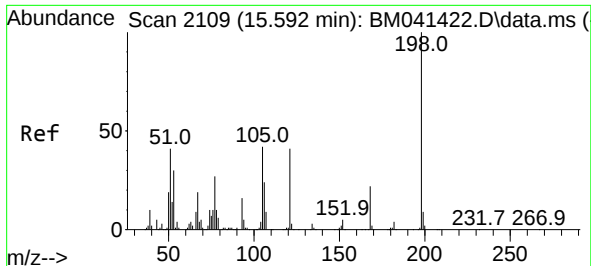
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2380
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

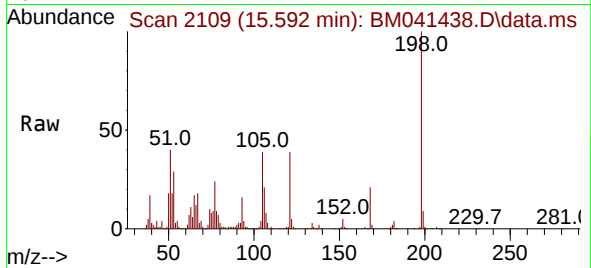
Tgt Ion:188 Resp: 790488
Ion Ratio Lower Upper
188 100
94 7.8 6.6 9.8
80 8.7 7.5 11.3





#65
4,6-Dinitro-2-methylphenol
Concen: 51.819 ng
RT: 15.592 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

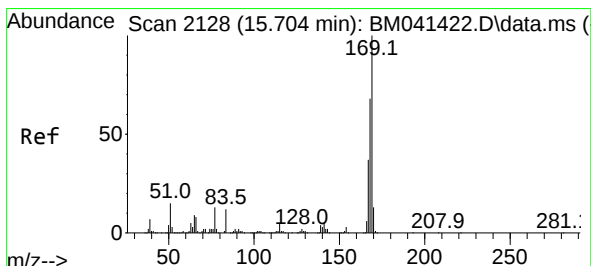
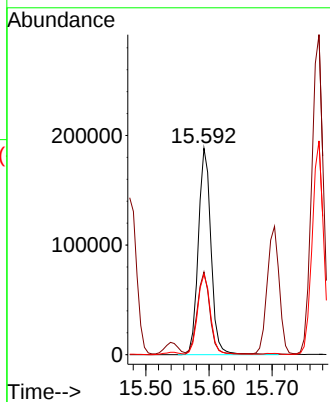
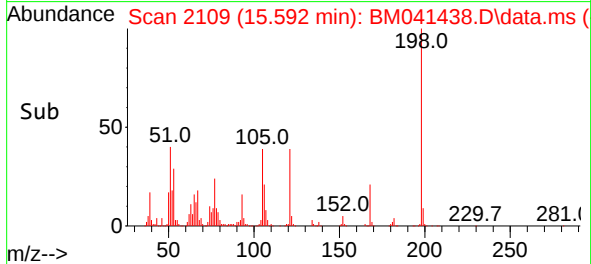
Instrument :
BNA_M
ClientSampleId :
PB154898BS



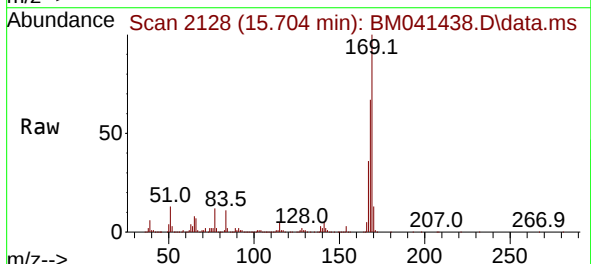
Tgt Ion:198 Resp: 26221
Ion Ratio Lower Upper
198 100
51 40.1 23.2 63.2
105 38.9 22.4 62.4

Manual Integrations
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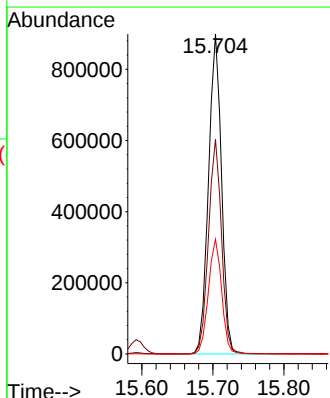
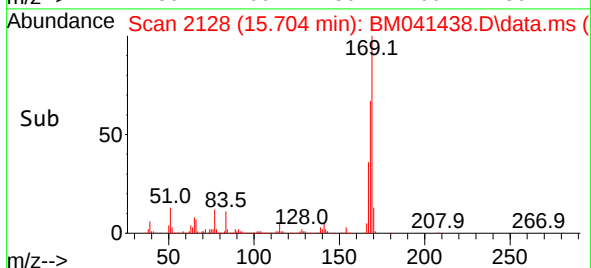
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

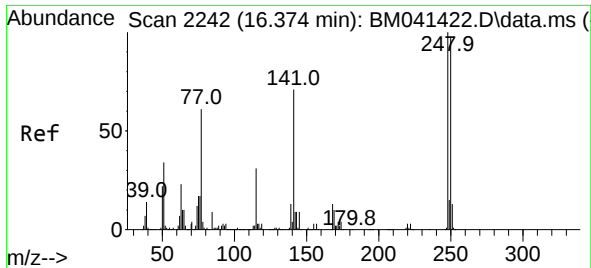


#66
n-Nitrosodiphenylamine
Concen: 49.248 ng
RT: 15.704 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33



Tgt Ion:169 Resp: 1145961
Ion Ratio Lower Upper
169 100
168 67.0 54.5 81.7
167 35.8 29.9 44.9





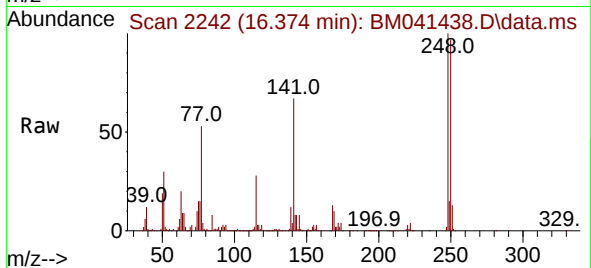
#67
4-Bromophenyl-phenylether
Concen: 50.020 ng
RT: 16.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Instrument :

BNA_M

ClientSampleId :

PB154898BS

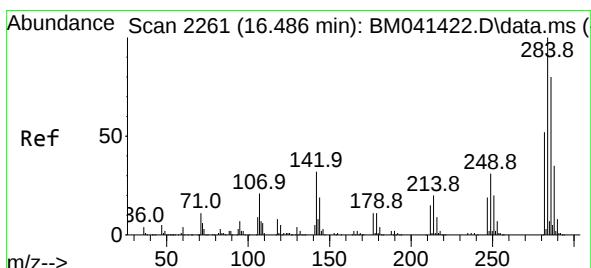
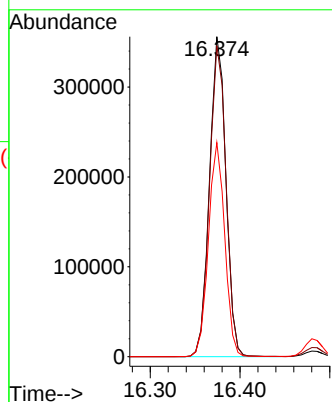
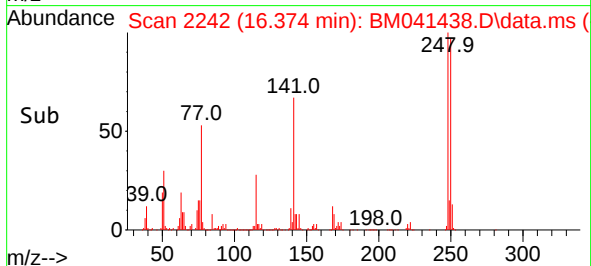


Tgt Ion:248 Resp: 45311
Ion Ratio Lower Upper
248 100
250 97.2 77.6 116.4
141 66.9 56.7 85.1

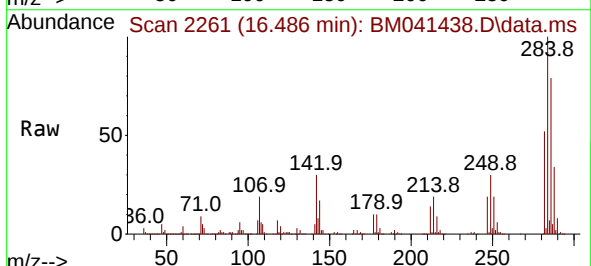
Manual Integrations

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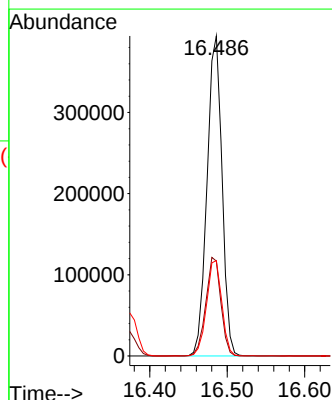
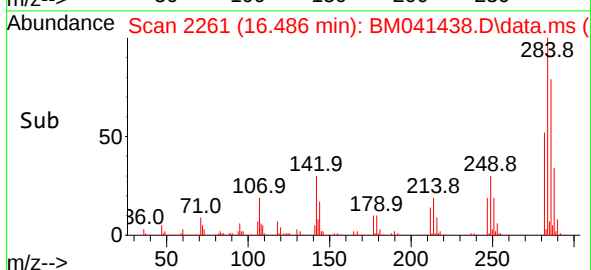
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

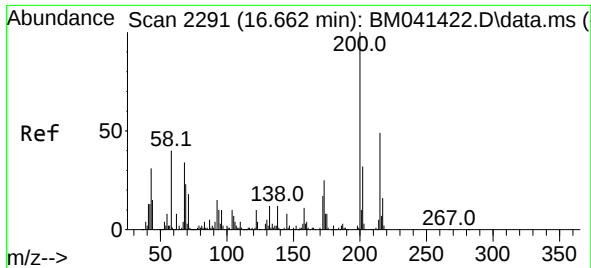


#68
Hexachlorobenzene
Concen: 53.473 ng
RT: 16.486 min Scan# 2261
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33



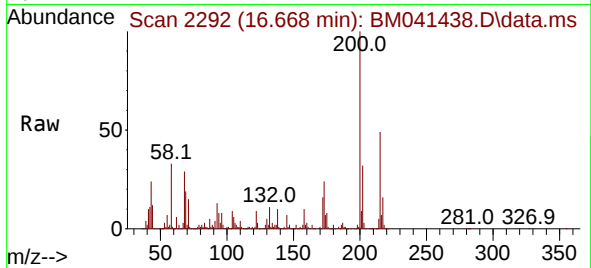
Tgt Ion:284 Resp: 528614
Ion Ratio Lower Upper
284 100
142 29.7 25.4 38.2
249 29.8 24.4 36.6





#69
Atrazine
Concen: 67.369 ng
RT: 16.668 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

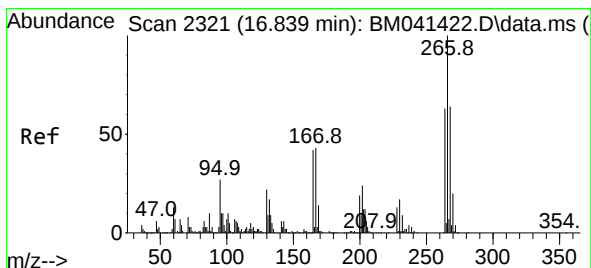
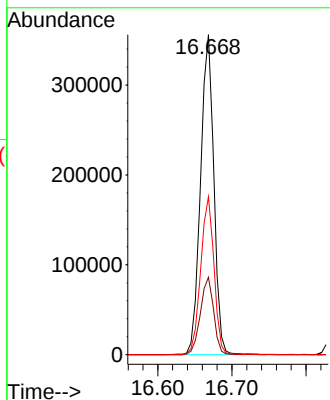
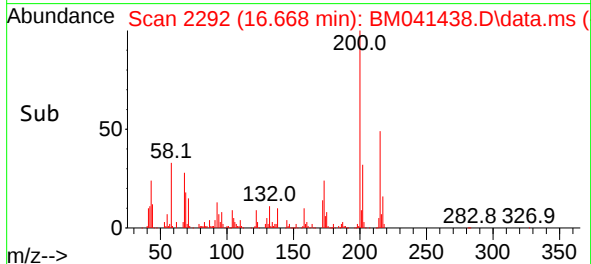
Instrument :
BNA_M
ClientSampleId :
PB154898BS



Tgt Ion:200 Resp: 44485
Ion Ratio Lower Upper
200 100
173 24.2 4.7 44.7
215 49.3 29.4 69.4

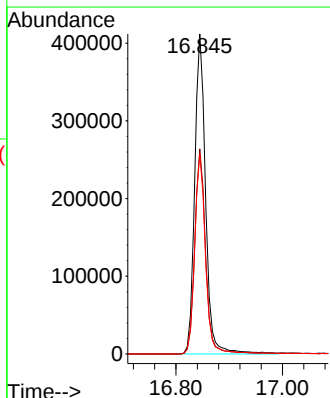
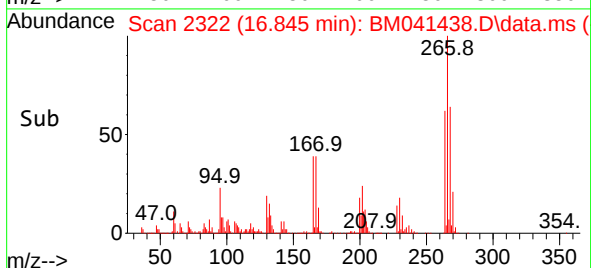
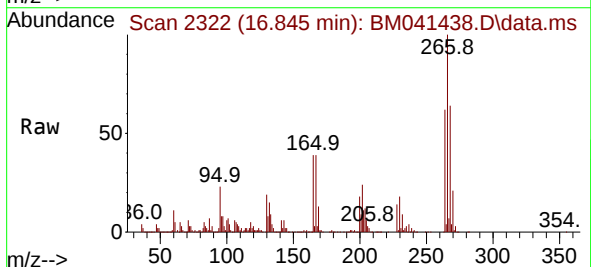
Manual Integrations
APPROVED

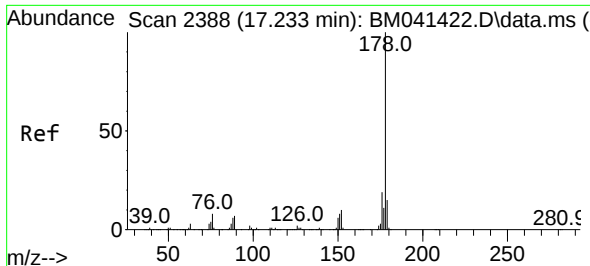
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#70
Pentachlorophenol
Concen: 84.928 ng
RT: 16.845 min Scan# 2322
Delta R.T. 0.006 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Tgt Ion:266 Resp: 587912
Ion Ratio Lower Upper
266 100
268 64.1 50.9 76.3
264 62.4 50.2 75.2





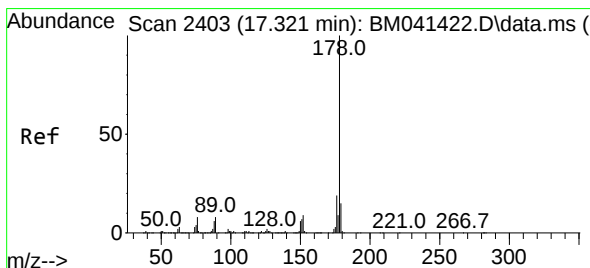
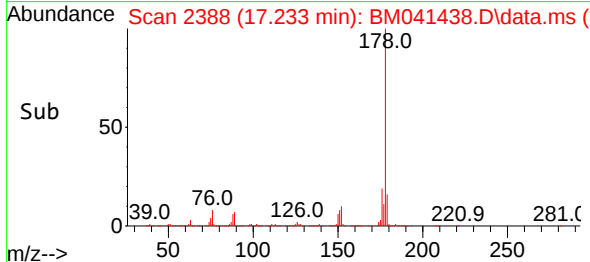
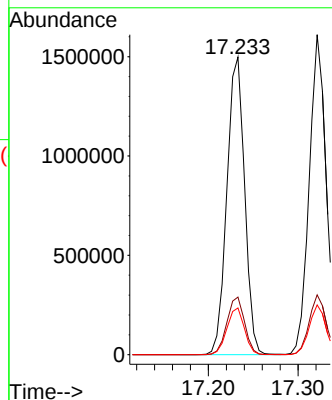
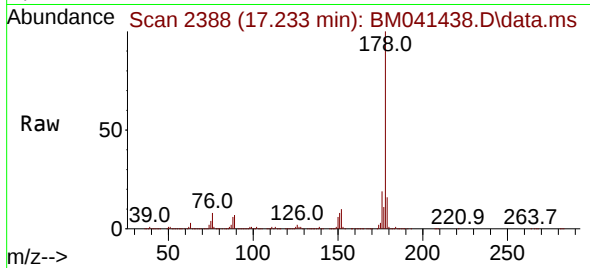
#71
Phenanthrene
Concen: 49.274 ng
RT: 17.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Instrument :
BNA_M
ClientSampleId :
PB154898BS

Tgt Ion:178 Resp: 205607
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.7 12.2 18.4

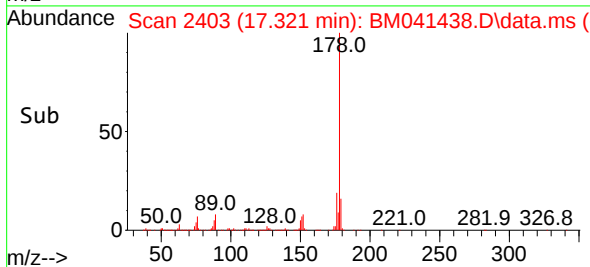
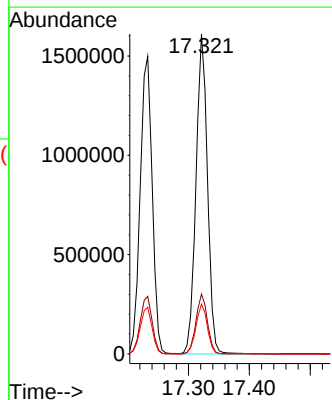
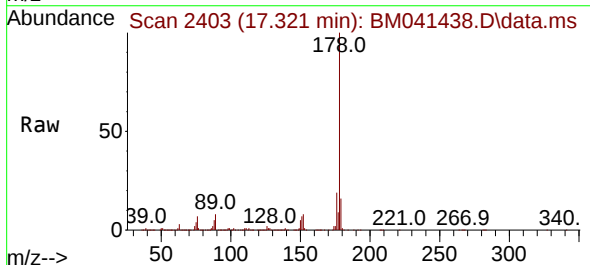
Manual Integrations
APPROVED

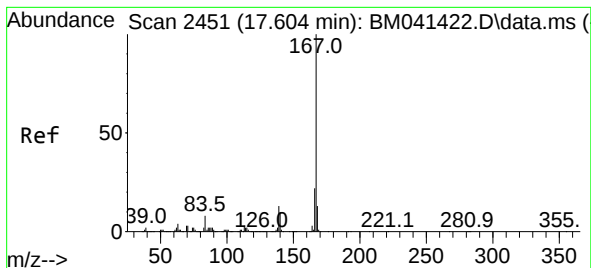
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#72
Anthracene
Concen: 49.806 ng
RT: 17.321 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Tgt Ion:178 Resp: 2107420
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.5 12.2 18.2





#73

Carbazole

Concen: 49.707 ng

RT: 17.609 min Scan# 2451

Delta R.T. 0.006 min

Lab File: BM041438.D

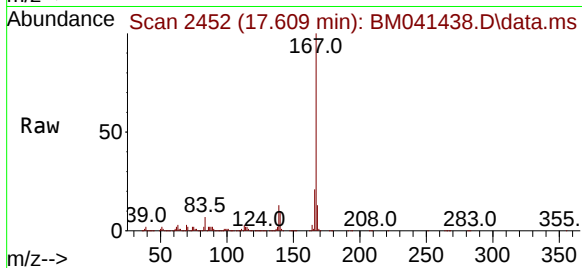
Acq: 17 Aug 2023 17:33

Instrument :

BNA_M

ClientSampleId :

PB154898BS



Tgt Ion:167 Resp: 187141

Ion Ratio Lower Upper

167 100

166 21.4 17.3 25.9

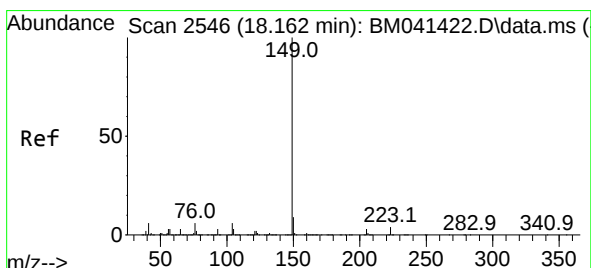
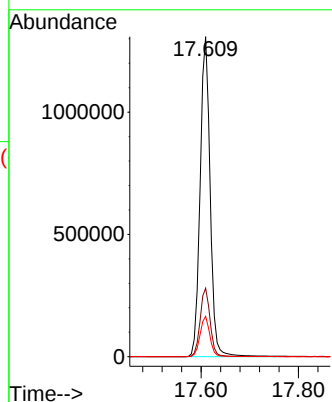
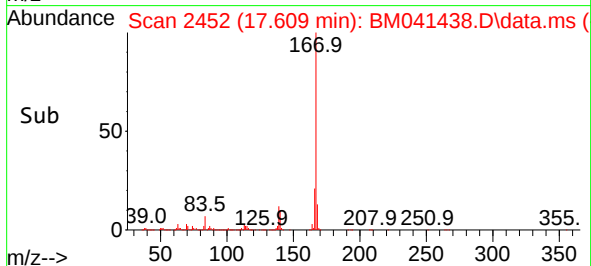
139 12.6 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/18/2023

Supervised By :mohammad ahmed 08/18/2023



#74

Di-n-butylphthalate

Concen: 49.912 ng

RT: 18.162 min Scan# 2546

Delta R.T. -0.000 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

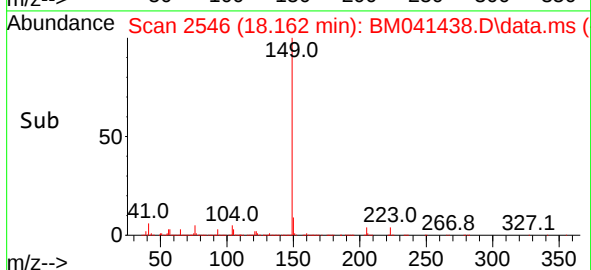
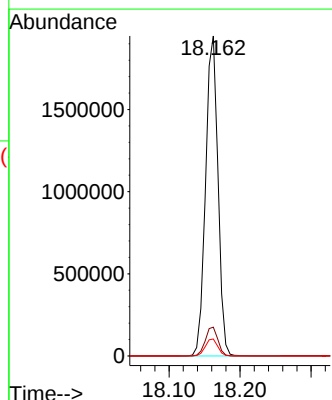
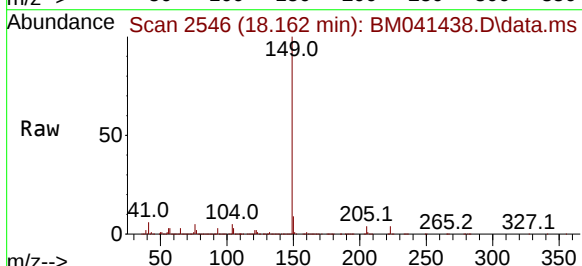
Tgt Ion:149 Resp: 2360690

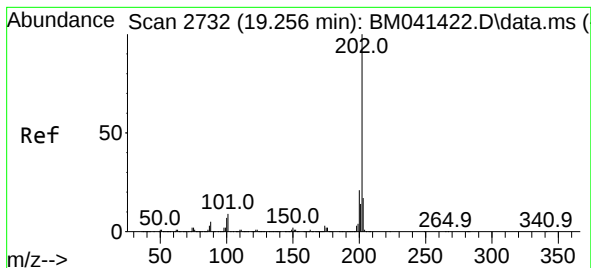
Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

104 5.3 4.5 6.7





#75

Fluoranthene

Concen: 49.803 ng

RT: 19.256 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041438.D

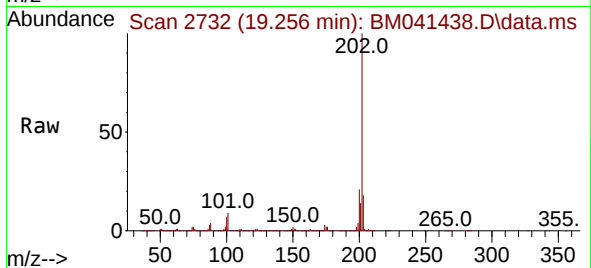
Acq: 17 Aug 2023 17:33

Instrument :

BNA_M

ClientSampleId :

PB154898BS



Tgt Ion:202 Resp: 2474174

Ion Ratio Lower Upper

202 100

101 9.2 0.0 29.1

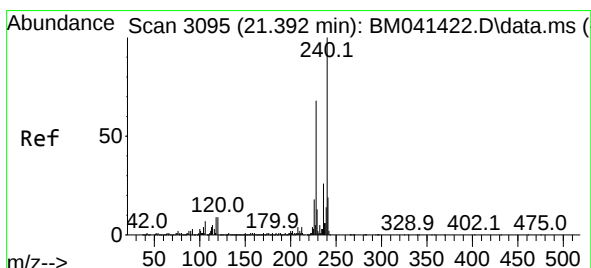
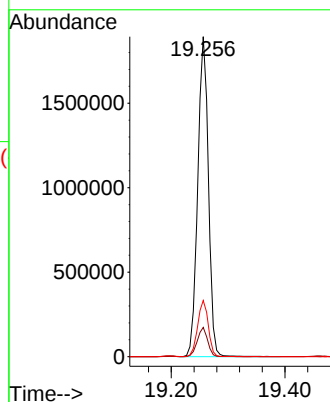
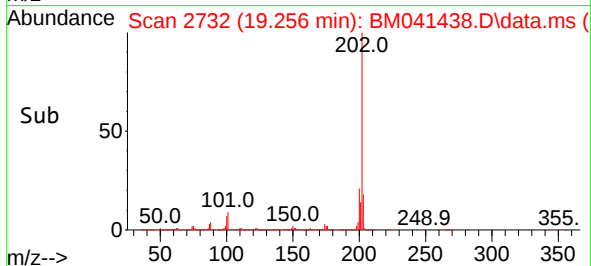
203 17.5 0.0 37.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/18/2023

Supervised By :mohammad ahmed 08/18/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.397 min Scan# 3096

Delta R.T. 0.006 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

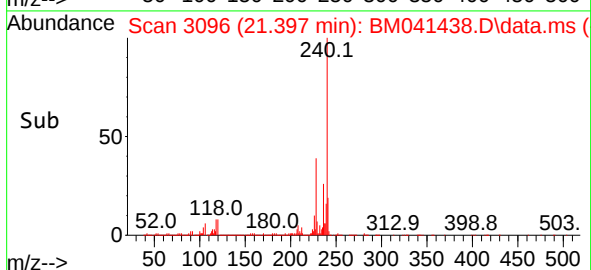
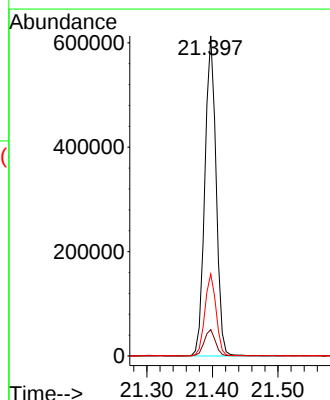
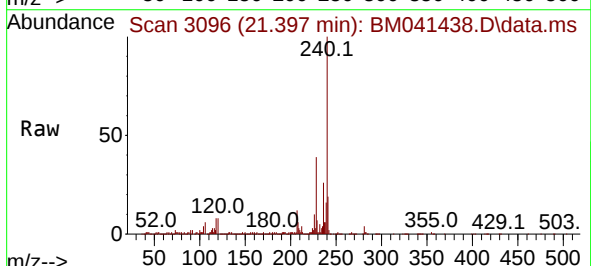
Tgt Ion:240 Resp: 732827

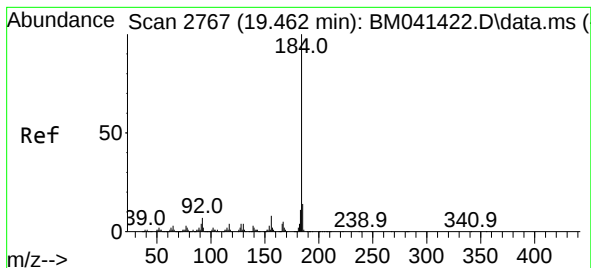
Ion Ratio Lower Upper

240 100

120 8.2 7.4 11.2

236 25.7 20.8 31.2





#77

Benzidine

Concen: 118.284 ng

RT: 19.462 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

Instrument :

BNA_M

ClientSampleId :

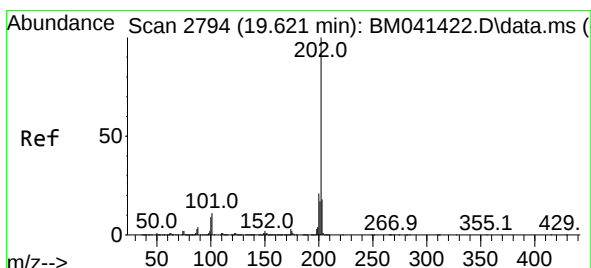
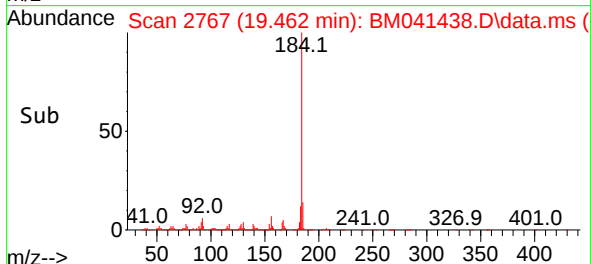
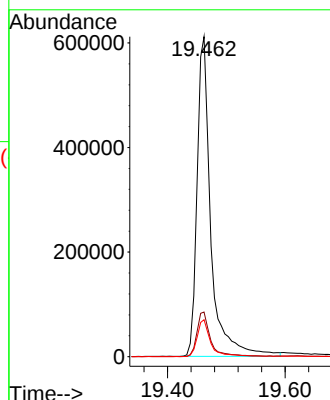
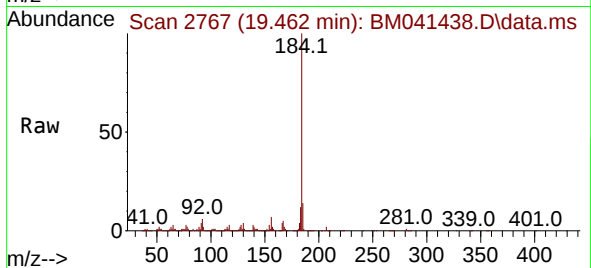
PB154898BS

Tgt Ion:	184	Resp:	993590
Ion Ratio	Lower	Upper	
184	100		
185	14.0	11.4	17.0
183	11.5	8.8	13.2

Manual Integrations

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Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#78

Pyrene

Concen: 48.841 ng

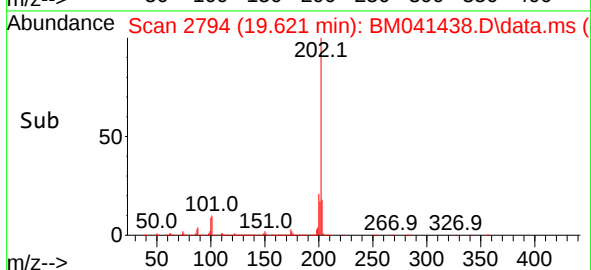
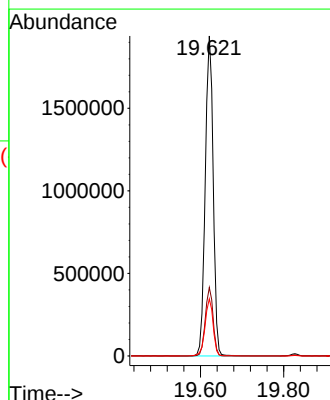
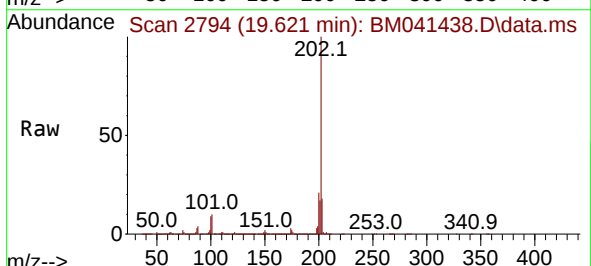
RT: 19.621 min Scan# 2794

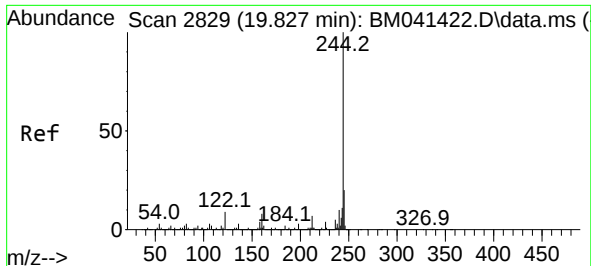
Delta R.T. -0.000 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

Tgt Ion:	202	Resp:	2559759
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.0	25.4
203	17.8	14.1	21.1





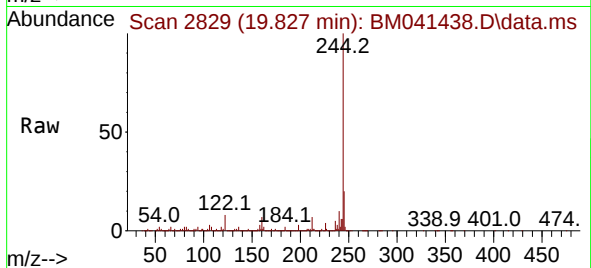
#79
 Terphenyl-d14
 Concen: 100.565 ng
 RT: 19.827 min Scan# 2829
 Delta R.T. -0.000 min
 Lab File: BM041438.D
 Acq: 17 Aug 2023 17:33

Instrument :

BNA_M

ClientSampleId :

PB154898BS

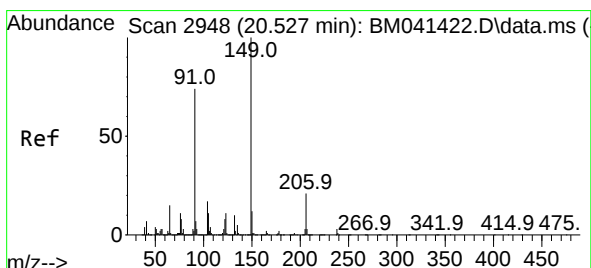
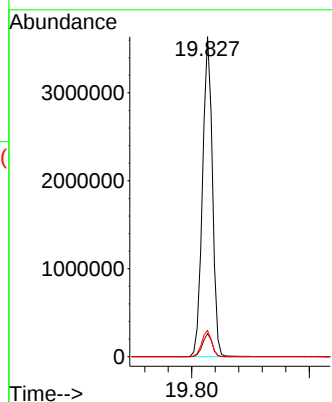
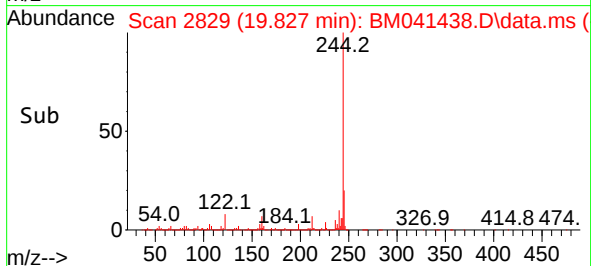


Tgt Ion:244 Resp: 4235050
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 8.2 6.9 10.3

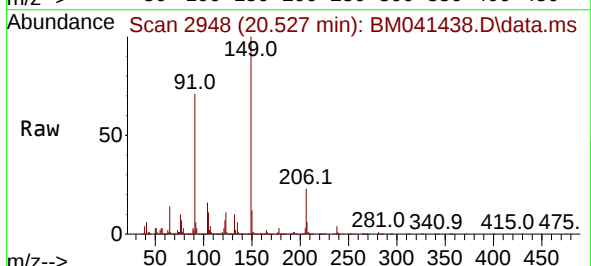
Manual Integrations

APPROVED

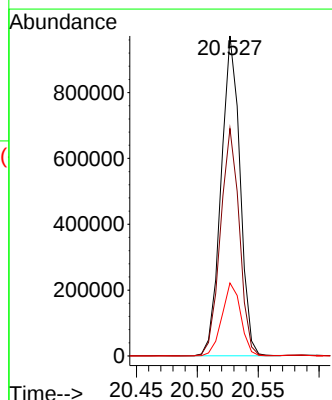
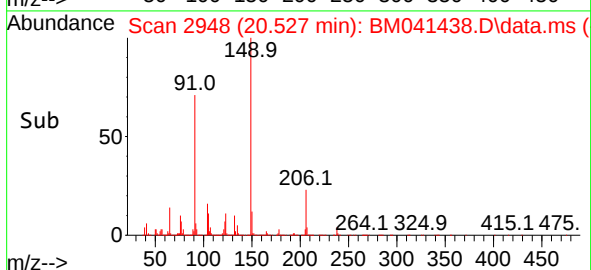
Reviewed By :Yogesh Patel 08/18/2023
 Supervised By :mohammad ahmed 08/18/2023

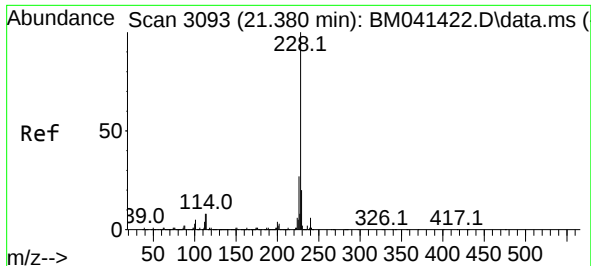


#80
 Butylbenzylphthalate
 Concen: 50.004 ng
 RT: 20.527 min Scan# 2948
 Delta R.T. -0.000 min
 Lab File: BM041438.D
 Acq: 17 Aug 2023 17:33



Tgt Ion:149 Resp: 1049666
 Ion Ratio Lower Upper
 149 100
 91 71.1 59.3 88.9
 206 22.8 17.0 25.6





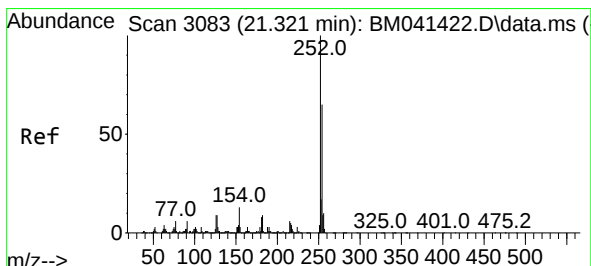
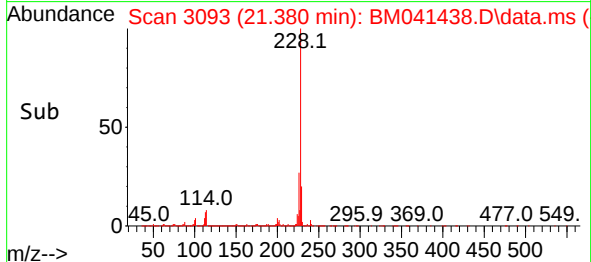
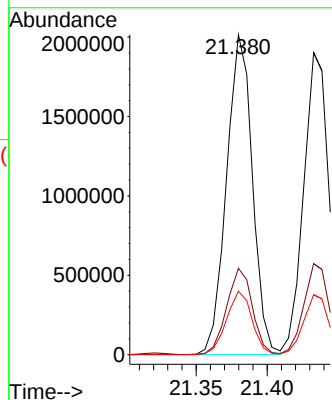
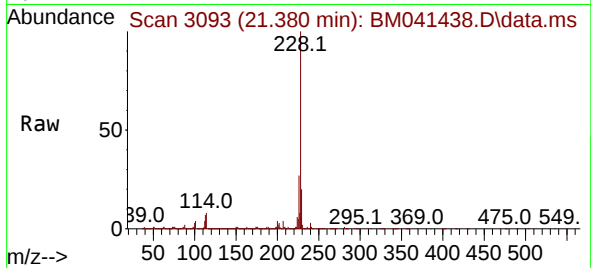
#81
Benzo(a)anthracene
Concen: 50.979 ng
RT: 21.380 min Scan# 3093
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Instrument :
BNA_M
ClientSampleId :
PB154898BS

Tgt Ion:228 Resp: 255117
Ion Ratio Lower Upper
228 100
226 27.0 21.6 32.4
229 19.9 15.8 23.6

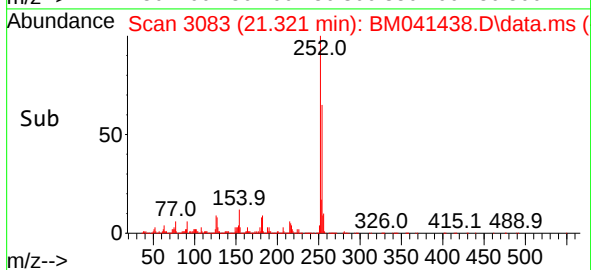
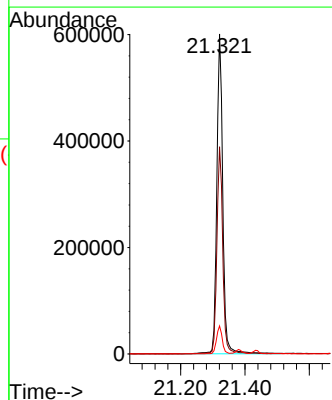
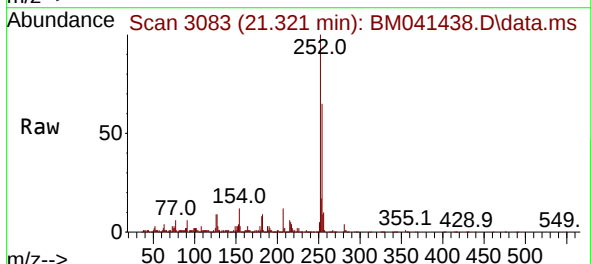
Manual Integrations
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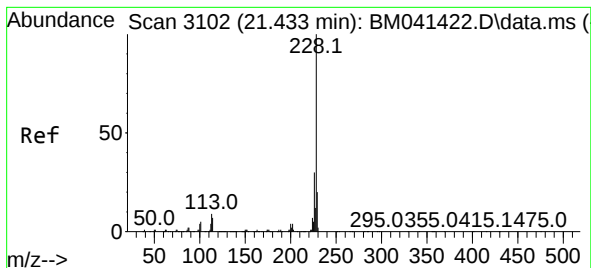
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#82
3,3'-Dichlorobenzidine
Concen: 47.973 ng
RT: 21.321 min Scan# 3083
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Tgt Ion:252 Resp: 776469
Ion Ratio Lower Upper
252 100
254 64.7 51.6 77.4
126 8.7 7.3 10.9





#83

Chrysene

Concen: 49.206 ng

RT: 21.433 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

Instrument :

BNA_M

ClientSampleId :

PB154898BS

Tgt Ion:228 Resp: 234068

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.4

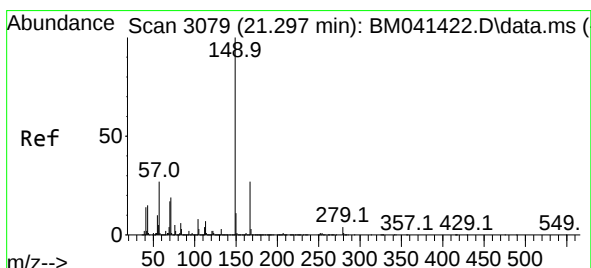
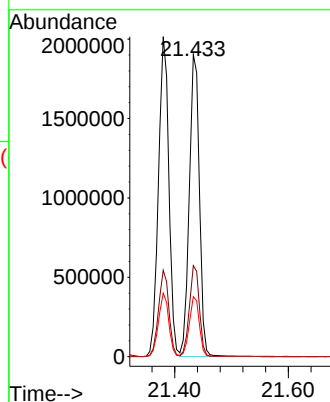
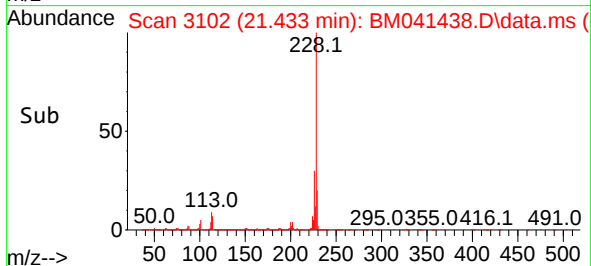
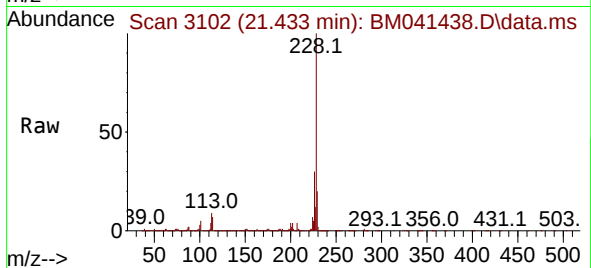
229 19.8 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/18/2023

Supervised By :mohammad ahmed 08/18/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.770 ng

RT: 21.303 min Scan# 3080

Delta R.T. 0.006 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

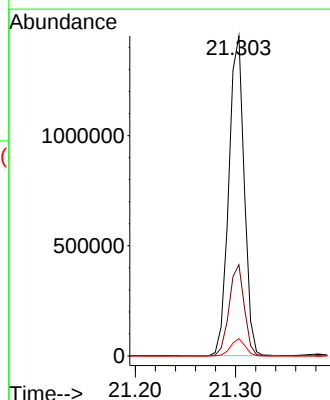
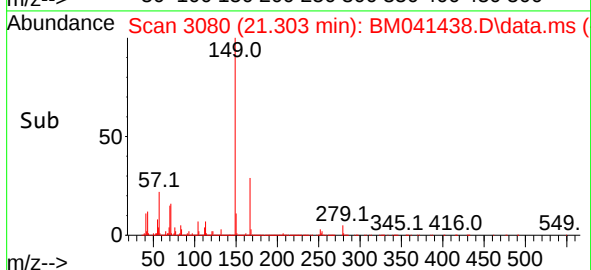
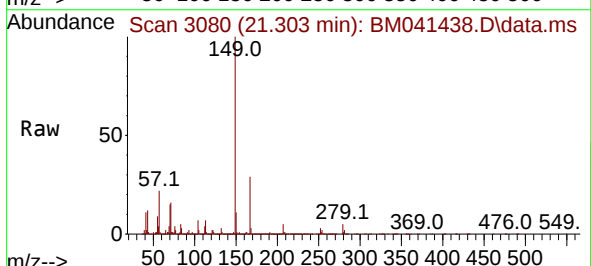
Tgt Ion:149 Resp: 1543927

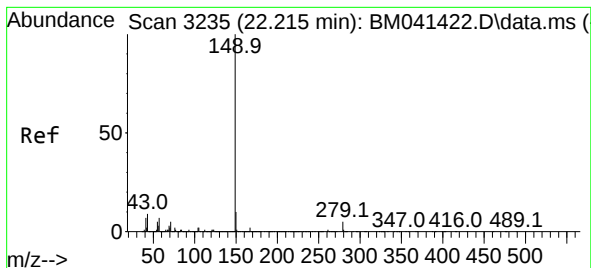
Ion Ratio Lower Upper

149 100

167 28.5 21.5 32.3

279 5.4 3.1 4.7#





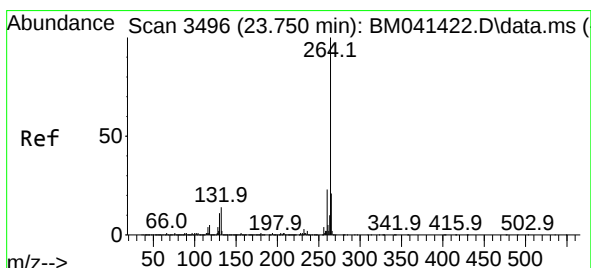
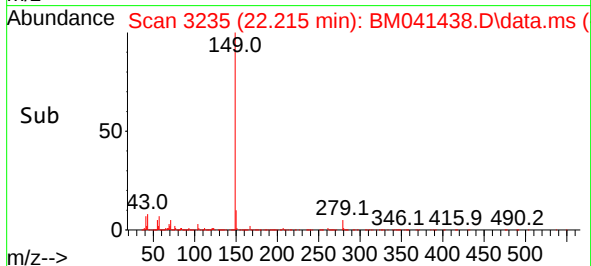
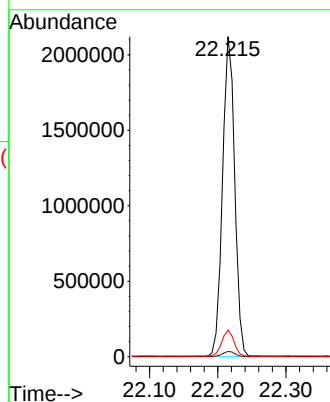
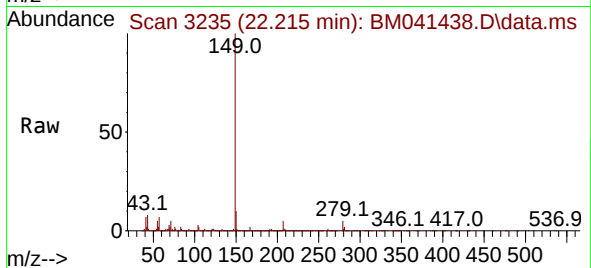
#85
Di-n-octyl phthalate
Concen: 53.952 ng
RT: 22.215 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Instrument :
BNA_M
ClientSampleId :
PB154898BS

Tgt Ion:149 Resp: 2630870
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.1 7.2 10.8

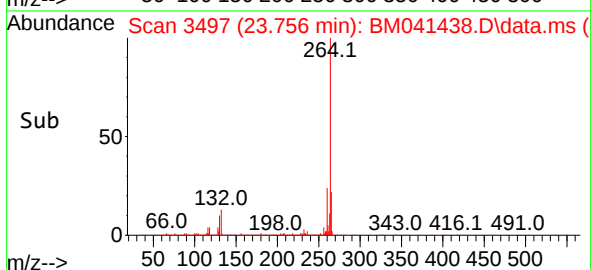
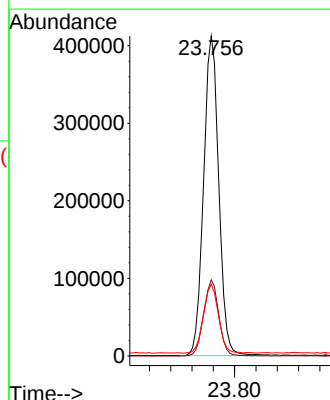
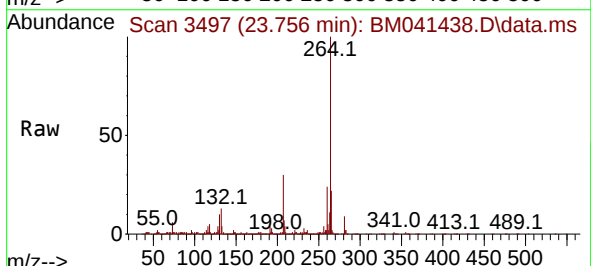
Manual Integrations
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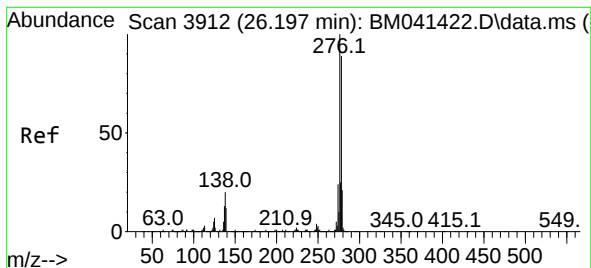
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.756 min Scan# 3497
Delta R.T. 0.006 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Tgt Ion:264 Resp: 813372
Ion Ratio Lower Upper
264 100
260 23.8 18.6 27.8
265 22.4 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.317 ng

RT: 26.203 min Scan# 3912

Delta R.T. 0.006 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

Instrument :

BNA_M

ClientSampleId :

PB154898BS

Tgt Ion:276 Resp: 277056

Ion Ratio Lower Upper

276 100

138 18.6 16.6 25.0

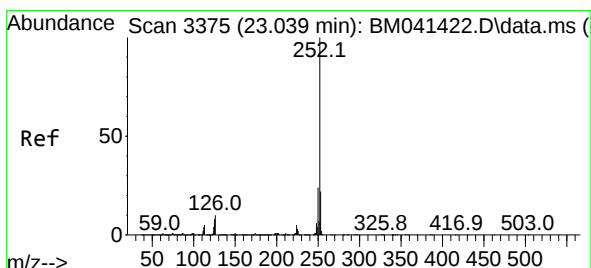
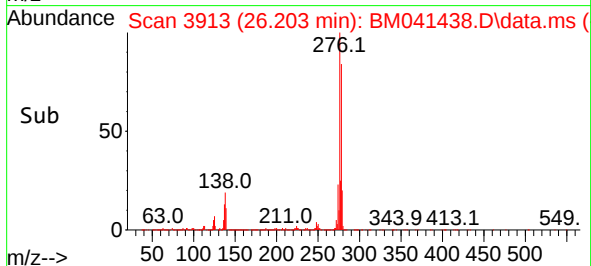
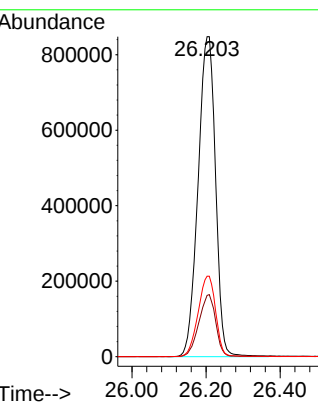
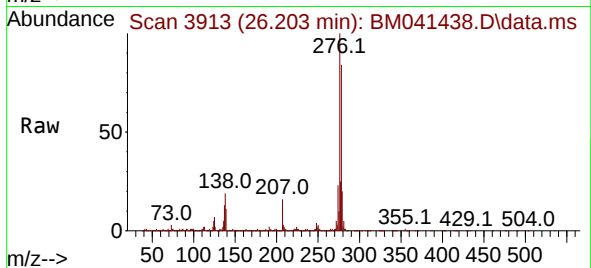
277 25.2 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/18/2023

Supervised By :mohammad ahmed 08/18/2023



#88

Benzo(b)fluoranthene

Concen: 52.125 ng

RT: 23.038 min Scan# 3375

Delta R.T. -0.000 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

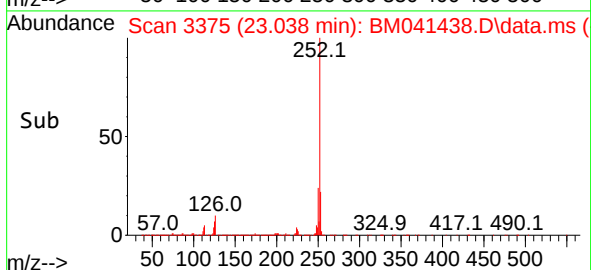
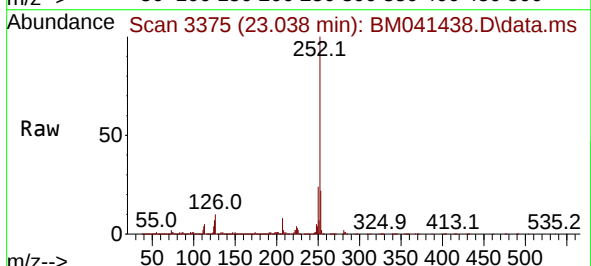
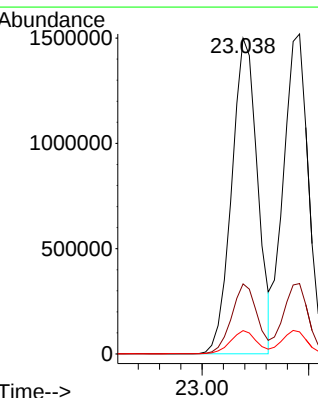
Tgt Ion:252 Resp: 2526958

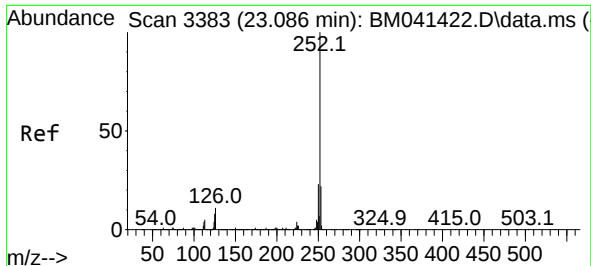
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 7.4 6.6 10.0





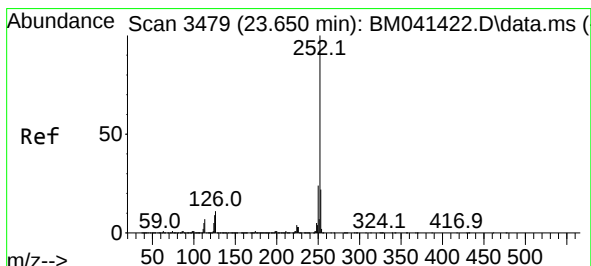
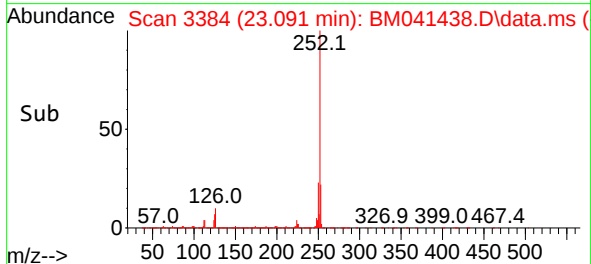
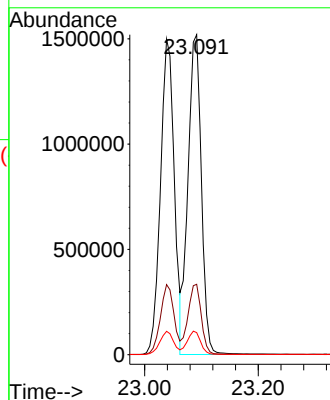
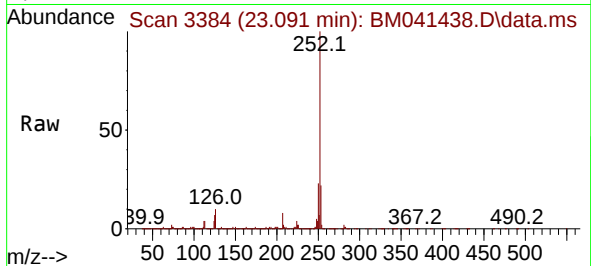
#89
Benzo(k)fluoranthene
Concen: 50.547 ng
RT: 23.091 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Instrument :
BNA_M
ClientSampleId :
PB154898BS

Tgt Ion:252 Resp: 2476429
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 6.9 6.5 9.7

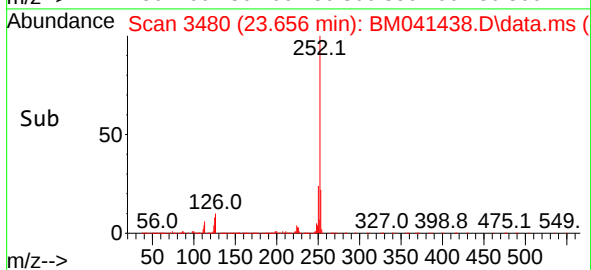
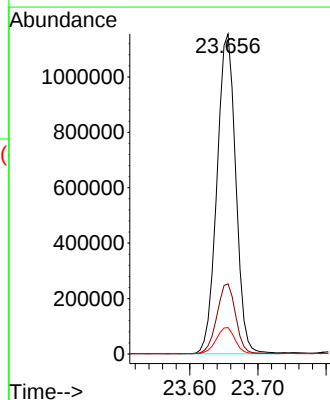
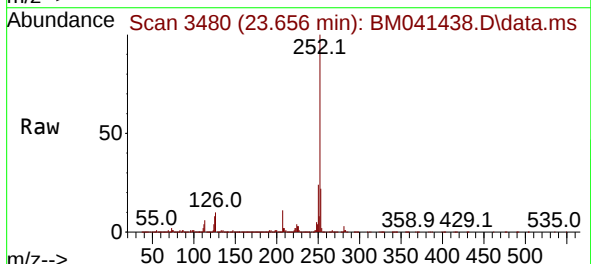
Manual Integrations
APPROVED

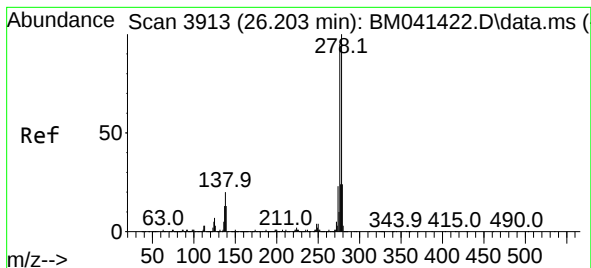
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#90
Benzo(a)pyrene
Concen: 48.027 ng
RT: 23.656 min Scan# 3480
Delta R.T. 0.006 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Tgt Ion:252 Resp: 2217002
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 8.3 7.2 10.8





#91

Dibenzo(a,h)anthracene

Concen: 53.006 ng

RT: 26.215 min Scan# 3913

Delta R.T. 0.012 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

Instrument :

BNA_M

ClientSampleId :

PB154898BS

Tgt Ion:278 Resp: 236079

Ion Ratio Lower Upper

278 100

139 11.8 10.6 16.0

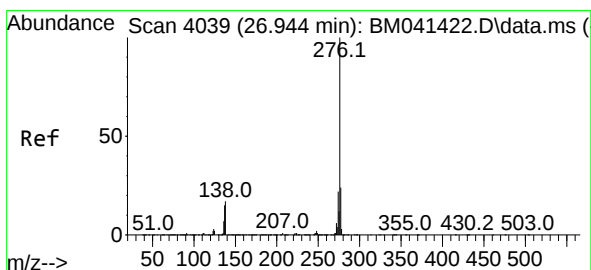
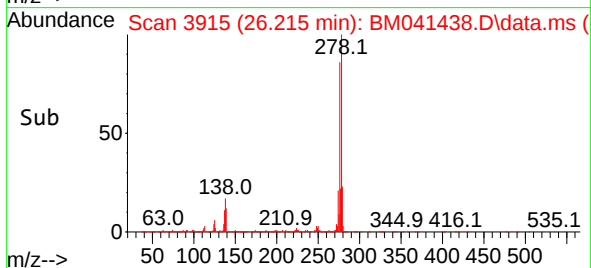
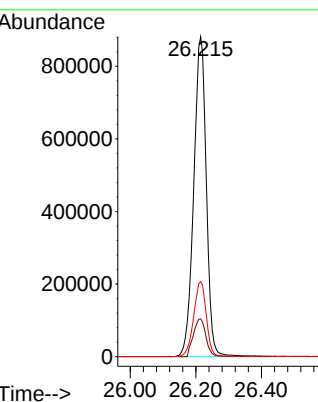
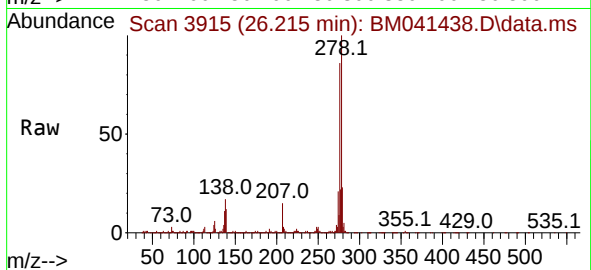
279 23.5 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/18/2023

Supervised By :mohammad ahmed 08/18/2023



#92

Benzo(g,h,i)perylene

Concen: 52.061 ng

RT: 26.956 min Scan# 4041

Delta R.T. 0.012 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

Tgt Ion:276 Resp: 2241556

Ion Ratio Lower Upper

276 100

277 23.6 19.6 29.4

138 16.4 13.2 19.8

