

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080823\
 Data File : BM041325.D
 Acq On : 08 Aug 2023 11:24
 Operator : MA/JU
 Sample : PB154641BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154641BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :mohammad ahmed 08/09/2023

Quant Time: Aug 09 01:13:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 17:25:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	161541	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	650947	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	384437	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	778553	20.000	ng	0.00
76) Chrysene-d12	21.421	240	709972	20.000	ng	0.00
86) Perylene-d12	23.786	264	781818	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1170747	108.318	ng	0.00
7) Phenol-d6	6.969	99	1480591	105.679	ng	0.00
23) Nitrobenzene-d5	8.963	82	961180	68.668	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	605060	111.272	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	2074973	68.183	ng	0.00
79) Terphenyl-d14	19.851	244	3098114	78.898	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.252	88	121987	26.383	ng	95
3) Pyridine	3.658	79	317196	26.091	ng	97
4) n-Nitrosodimethylamine	3.575	42	186863	33.233	ng	96
6) Aniline	7.122	93	541845	33.047	ng	98
8) 2-Chlorophenol	7.346	128	426862	40.455	ng	99
9) Benzaldehyde	6.934	77	259012m	35.036	ng	
10) Phenol	6.999	94	543060	40.133	ng	98
11) bis(2-Chloroethyl)ether	7.222	93	419358	38.286	ng	97
12) 1,3-Dichlorobenzene	7.669	146	458894	39.953	ng	99
13) 1,4-Dichlorobenzene	7.816	146	473760	41.038	ng	100
14) 1,2-Dichlorobenzene	8.134	146	450897	40.735	ng	99
15) Benzyl Alcohol	8.040	79	397708	44.950	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.310	45	523227	35.852	ng	98
17) 2-Methylphenol	8.245	107	356697	38.584	ng	98
18) Hexachloroethane	8.851	117	179510	41.767	ng	92
19) n-Nitroso-di-n-propyla...	8.604	70	340470	40.009	ng	97
20) 3+4-Methylphenols	8.575	107	478426	38.705	ng	98
22) Acetophenone	8.622	105	642208	37.251	ng	# 99
24) Nitrobenzene	9.004	77	507971	35.885	ng	98
25) Isophorone	9.528	82	899157	37.842	ng	99
26) 2-Nitrophenol	9.710	139	231994	41.924	ng	96
27) 2,4-Dimethylphenol	9.775	122	354021	36.357	ng	97
28) bis(2-Chloroethoxy)met...	10.016	93	539705	36.261	ng	100
29) 2,4-Dichlorophenol	10.245	162	401383	40.875	ng	99
30) 1,2,4-Trichlorobenzene	10.451	180	439868	40.544	ng	98
31) Naphthalene	10.639	128	1273223	36.044	ng	99
32) Benzoic acid	9.963	122	278509	39.561	ng	97
33) 4-Chloroaniline	10.769	127	378292	26.797	ng	98
34) Hexachlorobutadiene	10.910	225	280899	43.049	ng	100
35) Caprolactam	11.592	113	114021	40.139	ng	94
36) 4-Chloro-3-methylphenol	11.904	107	407961	39.472	ng	99
37) 2-Methylnaphthalene	12.257	142	854400	35.877	ng	98
38) 1-Methylnaphthalene	12.481	142	820860	36.828	ng	100
40) 1,2,4,5-Tetrachloroben...	12.628	216	481622	38.582	ng	98
41) Hexachlorocyclopentadiene	12.592	237	539343	81.667	ng	98
43) 2,4,6-Trichlorophenol	12.881	196	322104	40.258	ng	100

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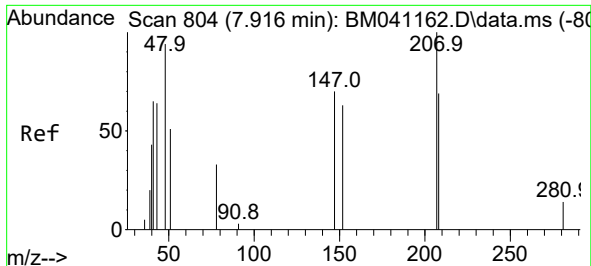
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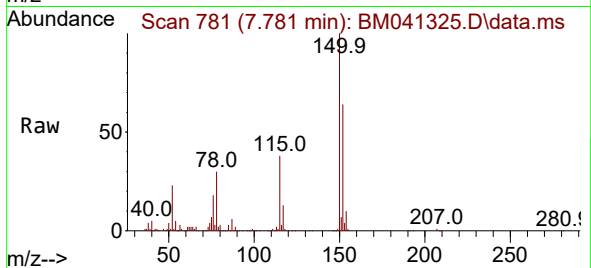
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	345497	37.309	ng	98
46) 1,1'-Biphenyl	13.280	154	1115020	35.777	ng	99
47) 2-Chloronaphthalene	13.322	162	875470	37.621	ng	98
48) 2-Nitroaniline	13.551	65	276139	37.175	ng	97
49) Acenaphthylene	14.175	152	1389788	37.001	ng	100
50) Dimethylphthalate	13.922	163	1065237	36.837	ng	99
51) 2,6-Dinitrotoluene	14.051	165	232403	38.787	ng	98
52) Acenaphthene	14.516	154	793198	35.055	ng	100
53) 3-Nitroaniline	14.386	138	203702	30.379	ng	94
54) 2,4-Dinitrophenol	14.604	184	312360	77.401	ng	# 88
55) Dibenzofuran	14.851	168	1301767	35.261	ng	99
56) 4-Nitrophenol	14.704	139	377136	75.522	ng	96
57) 2,4-Dinitrotoluene	14.845	165	316611	37.613	ng	94
58) Fluorene	15.504	166	1038713	35.665	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.086	232	298578	39.816	ng	97
60) Diethylphthalate	15.286	149	1048799	37.504	ng	99
61) 4-Chlorophenyl-phenyle...	15.498	204	545240	37.360	ng	99
62) 4-Nitroaniline	15.557	138	213890	34.725	ng	97
63) Azobenzene	15.798	77	1075757	35.118	ng	97
65) 4,6-Dinitro-2-methylph...	15.610	198	190768	40.447	ng	91
66) n-Nitrosodiphenylamine	15.721	169	875916	36.175	ng	99
67) 4-Bromophenyl-phenylether	16.398	248	329612	38.613	ng	98
68) Hexachlorobenzene	16.510	284	387484	40.822	ng	96
69) Atrazine	16.686	200	316533	49.778	ng	99
70) Pentachlorophenol	16.863	266	443771	67.517	ng	98
71) Phenanthrene	17.257	178	1566072	36.204	ng	100
72) Anthracene	17.345	178	1566025	36.605	ng	100
73) Carbazole	17.627	167	1423259	36.756	ng	99
74) Di-n-butylphthalate	18.186	149	1800889	41.157	ng	100
75) Fluoranthene	19.280	202	1819463	37.439	ng	99
77) Benzidine	19.480	184	936930	96.822	ng	100
78) Pyrene	19.645	202	1898246	38.233	ng	100
80) Butylbenzylphthalate	20.551	149	802051	44.236	ng	95
81) Benzo(a)anthracene	21.403	228	1860749	38.661	ng	99
82) 3,3'-Dichlorobenzidine	21.345	252	667746	42.517	ng	99
83) Chrysene	21.456	228	1713121	36.799	ng	99
84) Bis(2-ethylhexyl)phtha...	21.321	149	1180912	41.383	ng	98
85) Di-n-octyl phthalate	22.239	149	2008839	43.839	ng	96
87) Indeno(1,2,3-cd)pyrene	26.244	276	2105003	36.621	ng	96
88) Benzo(b)fluoranthene	23.068	252	1877088	40.415	ng	98
89) Benzo(k)fluoranthene	23.115	252	1773696	37.334	ng	99
90) Benzo(a)pyrene	23.686	252	1620048	36.302	ng	98
91) Dibenzo(a,h)anthracene	26.250	278	1790246	37.341	ng	97
92) Benzo(g,h,i)perylene	26.991	276	1660168	35.389	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

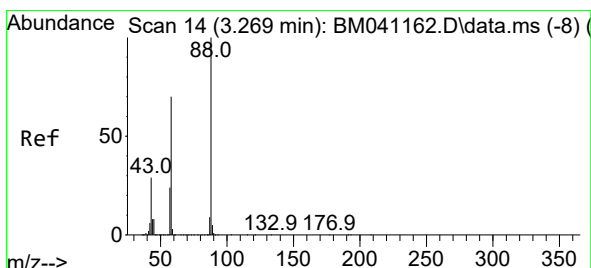
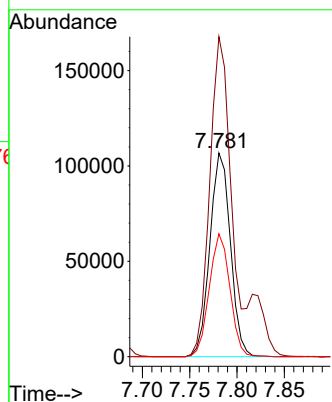
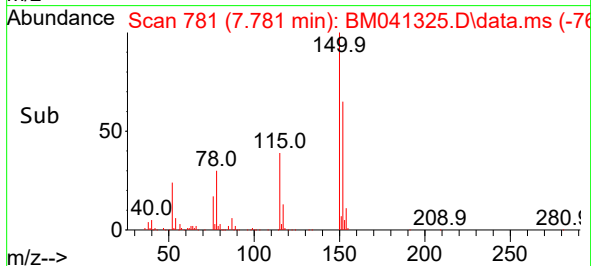
Instrument :
BNA_M
ClientSampleId :
PB154641BSD



Tgt Ion: 152 Resp: 16154
Ion Ratio Lower Upper
152 100
150 157.1 125.5 188.3
115 60.3 48.0 72.0

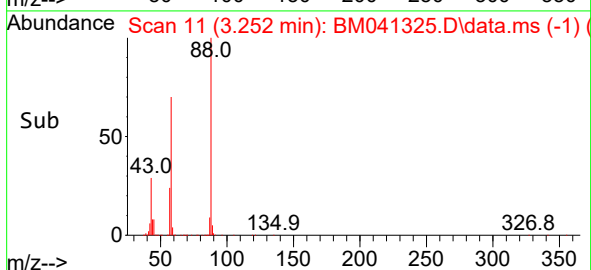
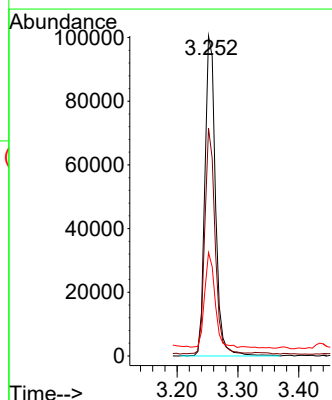
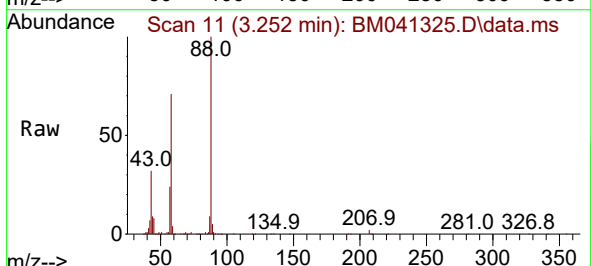
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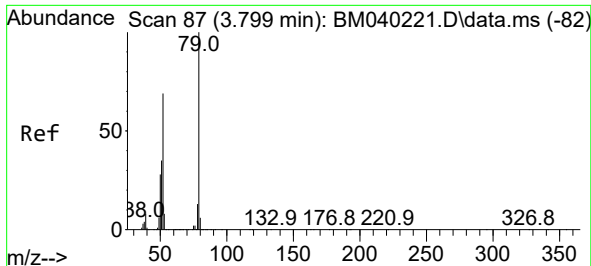
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#2
1,4-Dioxane
Concen: 26.383 ng
RT: 3.252 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

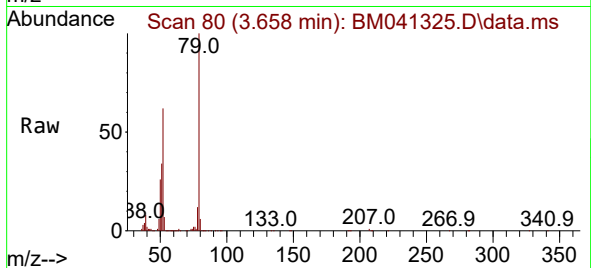
Tgt Ion: 88 Resp: 121987
Ion Ratio Lower Upper
88 100
58 68.6 58.2 87.4
43 28.4 24.4 36.6





#3
 Pyridine
 Concen: 26.091 ng
 RT: 3.658 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BM041325.D
 Acq: 08 Aug 2023 11:24

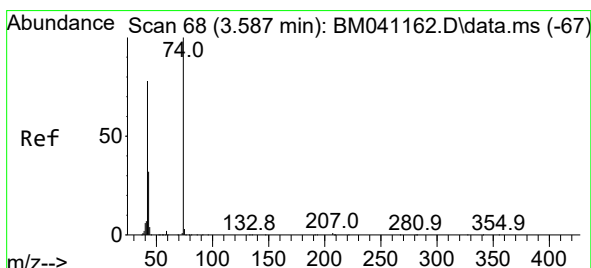
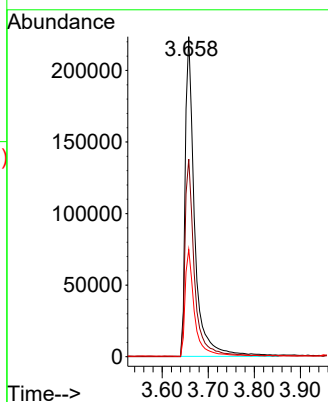
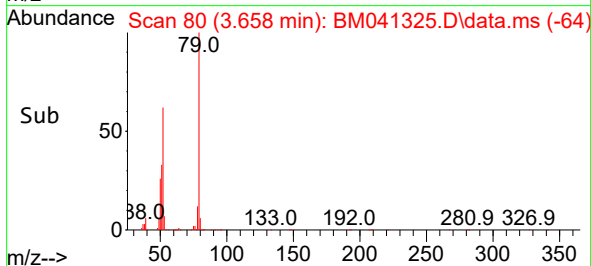
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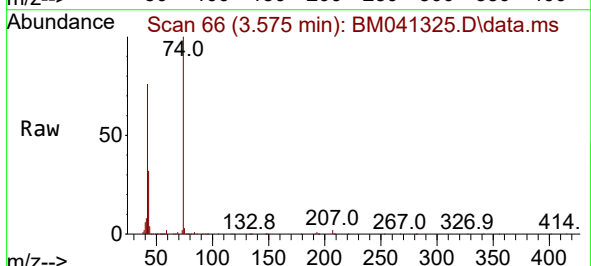
Tgt Ion: 79 Resp: 317190
 Ion Ratio Lower Upper
 79 100
 52 61.7 52.1 78.1
 51 33.5 27.5 41.3

Manual Integrations
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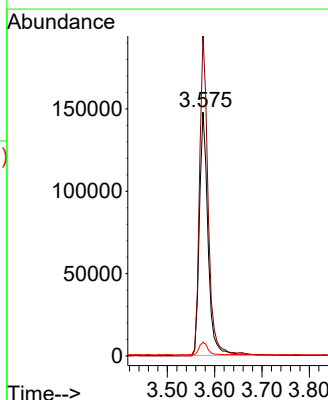
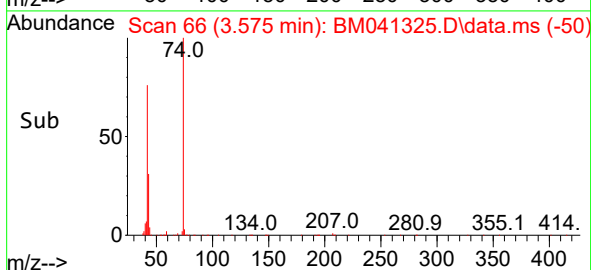
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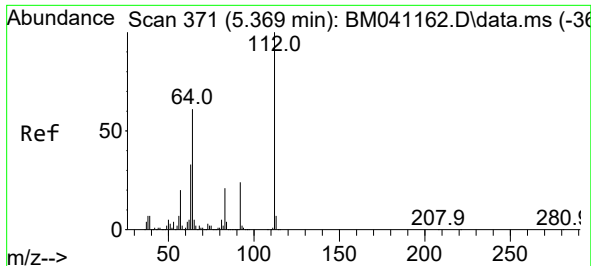


#4
 n-Nitrosodimethylamine
 Concen: 33.233 ng
 RT: 3.575 min Scan# 66
 Delta R.T. -0.006 min
 Lab File: BM041325.D
 Acq: 08 Aug 2023 11:24



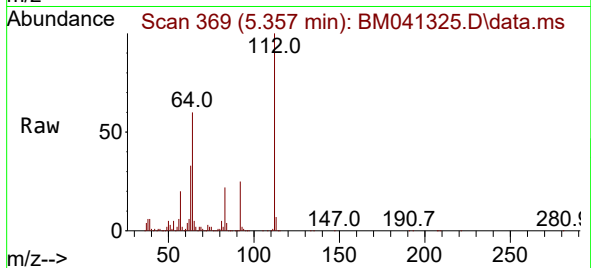
Tgt Ion: 42 Resp: 186863
 Ion Ratio Lower Upper
 42 100
 74 131.2 100.8 151.2
 44 5.6 5.0 7.4





#5
2-Fluorophenol
Concen: 108.318 ng
RT: 5.357 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

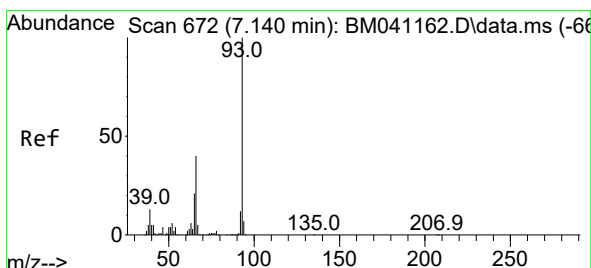
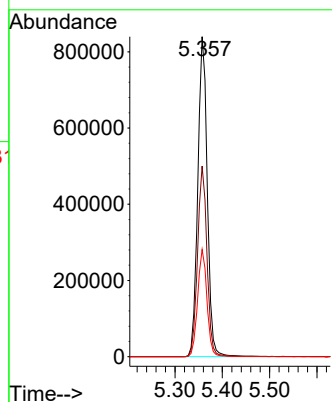
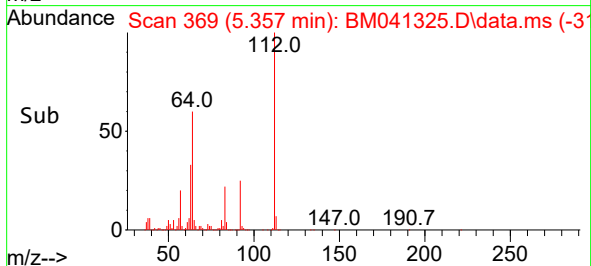
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Tgt Ion:112 Resp: 117074
Ion Ratio Lower Upper
112 100
64 59.6 48.5 72.7
63 33.5 26.5 39.7

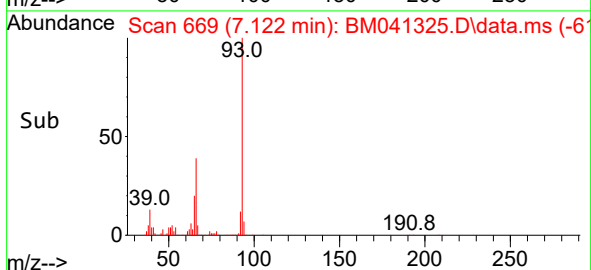
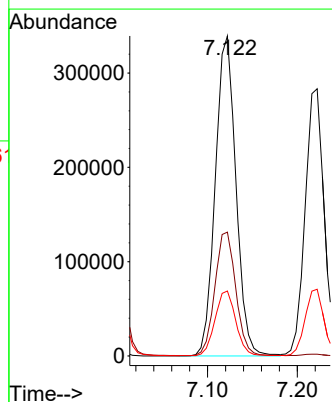
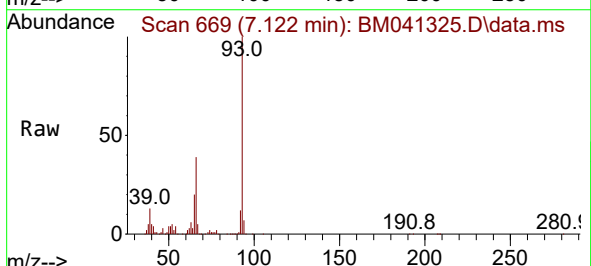
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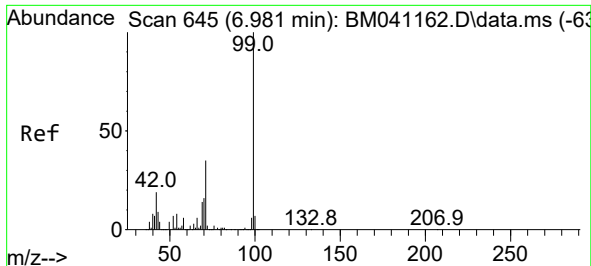
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#6
Aniline
Concen: 33.047 ng
RT: 7.122 min Scan# 669
Delta R.T. 0.000 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

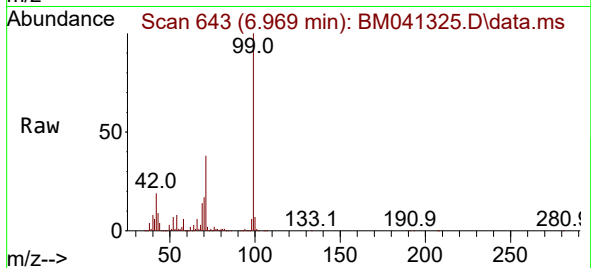
Tgt Ion: 93 Resp: 541845
Ion Ratio Lower Upper
93 100
66 38.7 32.0 48.0
65 20.3 16.6 24.8





#7
Phenol-d6
Concen: 105.679 ng
RT: 6.969 min Scan# 645
Delta R.T. 0.000 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

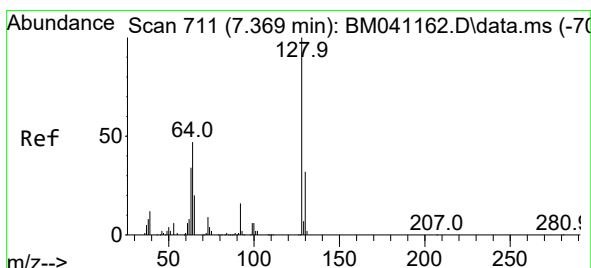
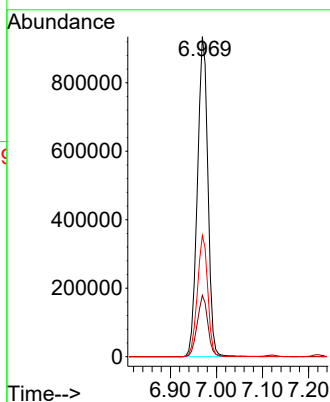
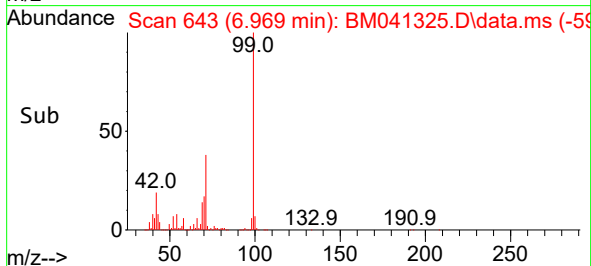
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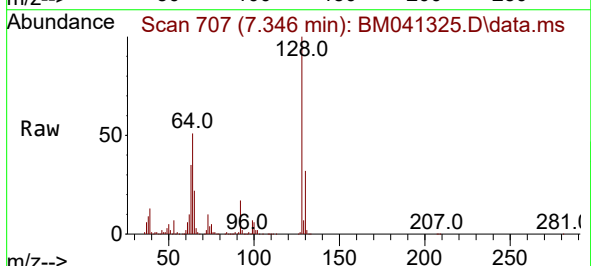
Tgt Ion: 99 Resp: 148059
Ion Ratio Lower Upper
99 100
42 19.2 15.4 23.0
71 37.9 28.2 42.4

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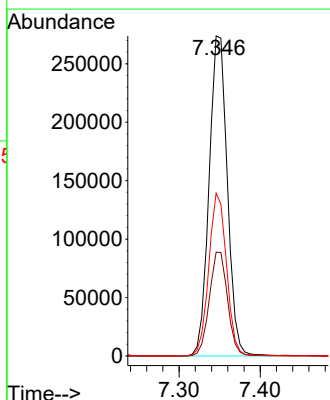
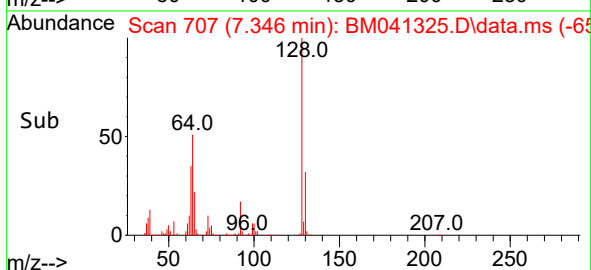
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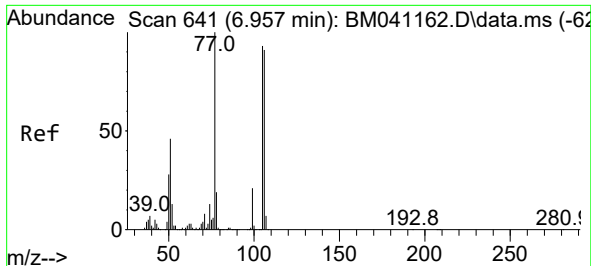


#8
2-Chlorophenol
Concen: 40.455 ng
RT: 7.346 min Scan# 707
Delta R.T. -0.006 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24



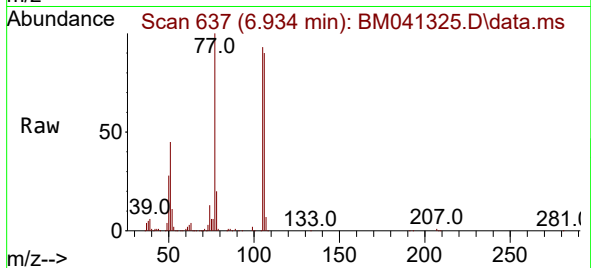
Tgt Ion:128 Resp: 426862
Ion Ratio Lower Upper
128 100
130 32.5 12.3 52.3
64 50.8 29.3 69.3





#9
Benzaldehyde
Concen: 35.036 ng m
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

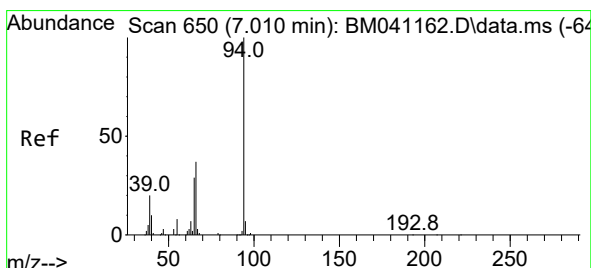
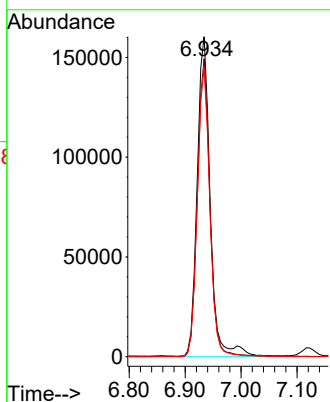
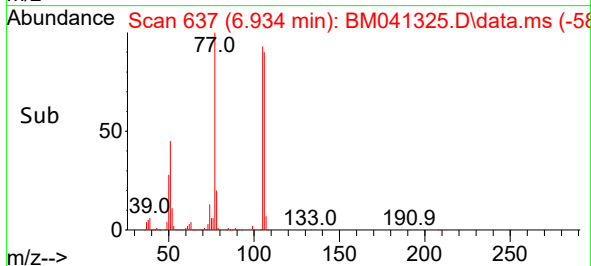
Instrument :
BNA_M
ClientSampleId :
PB154641BSD



Tgt Ion: 77 Resp: 25901
Ion Ratio Lower Upper
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105 93.2 72.8 112.8
106 90.3 70.8 110.8

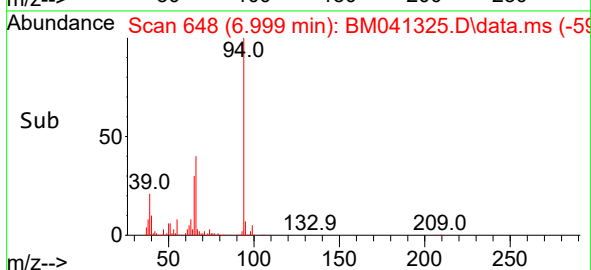
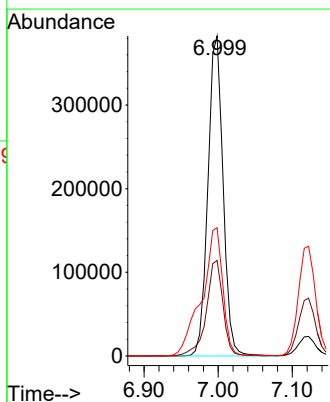
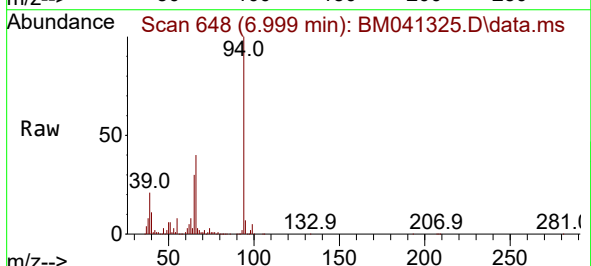
Manual Integrations
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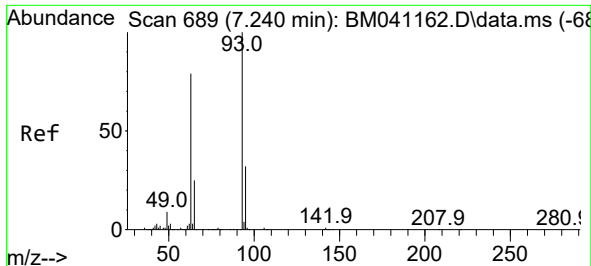
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#10
Phenol
Concen: 40.133 ng
RT: 6.999 min Scan# 648
Delta R.T. 0.000 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

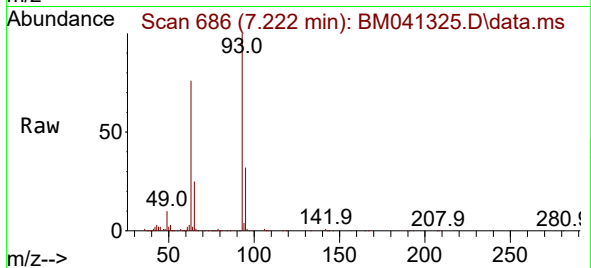
Tgt Ion: 94 Resp: 543060
Ion Ratio Lower Upper
94 100
65 29.9 9.5 49.5
66 40.1 18.0 58.0





#11
bis(2-Chloroethyl)ether
Concen: 38.286 ng
RT: 7.222 min Scan# 689
Delta R.T. 0.000 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

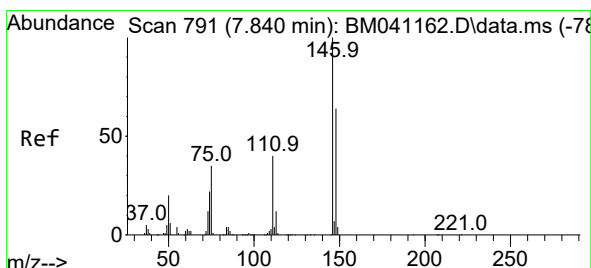
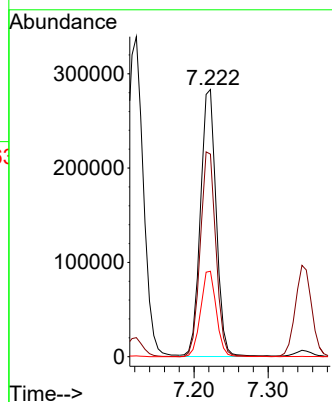
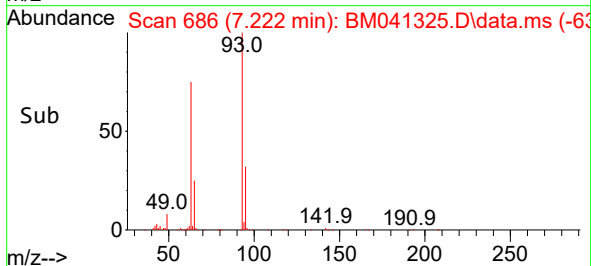
Instrument :
BNA_M
ClientSampleId :
PB154641BSD



Tgt Ion: 93 Resp: 419358
Ion Ratio Lower Upper
93 100
63 75.8 58.8 98.8
95 32.0 11.8 51.8

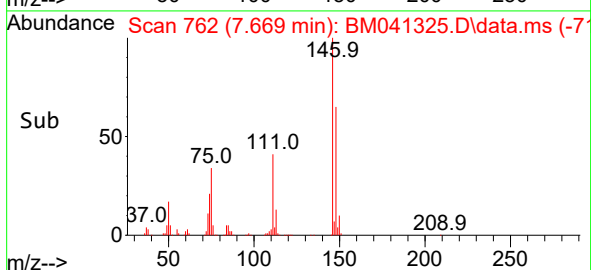
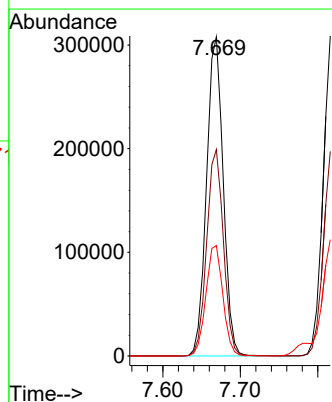
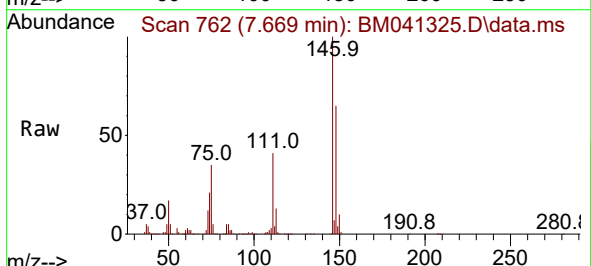
Manual Integrations
APPROVED

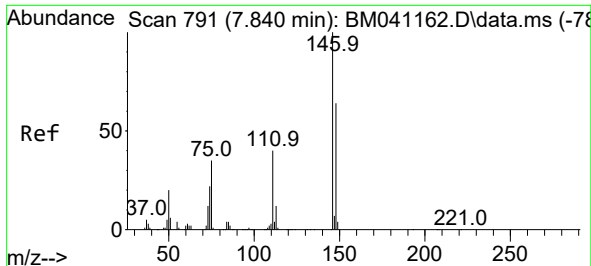
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#12
1,3-Dichlorobenzene
Concen: 39.953 ng
RT: 7.669 min Scan# 762
Delta R.T. 0.000 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

Tgt Ion:146 Resp: 458894
Ion Ratio Lower Upper
146 100
148 64.7 51.9 77.9
75 34.6 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 41.038 ng

RT: 7.816 min Scan# 791

Delta R.T. -0.006 min

Lab File: BM041325.D

Acq: 08 Aug 2023 11:24

Instrument :

BNA_M

ClientSampleId :

PB154641BSD

Tgt Ion:146 Resp: 473760

Ion Ratio Lower Upper

146 100

148 64.0 51.4 77.0

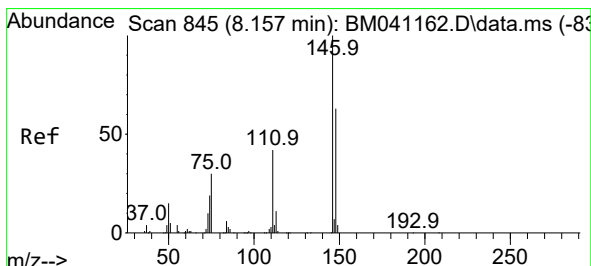
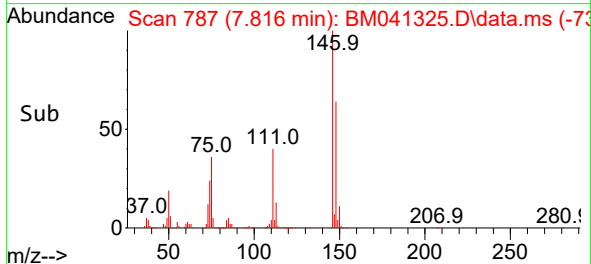
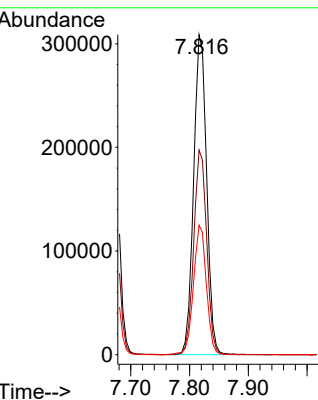
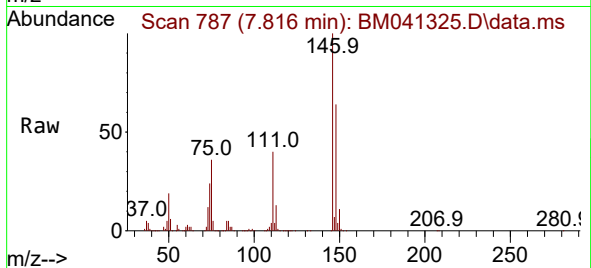
111 40.5 32.4 48.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#14

1,2-Dichlorobenzene

Concen: 40.735 ng

RT: 8.134 min Scan# 841

Delta R.T. 0.000 min

Lab File: BM041325.D

Acq: 08 Aug 2023 11:24

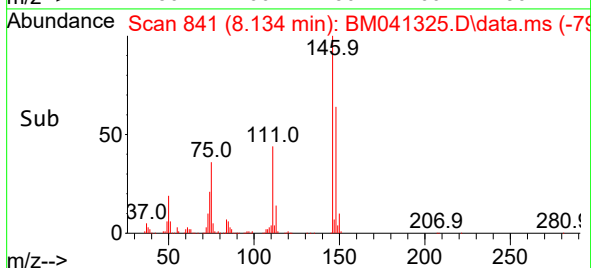
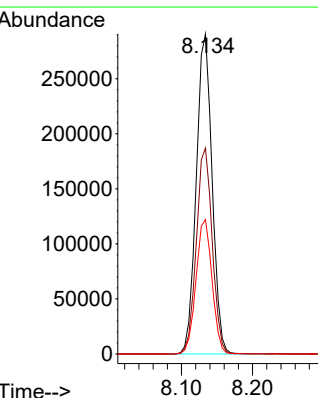
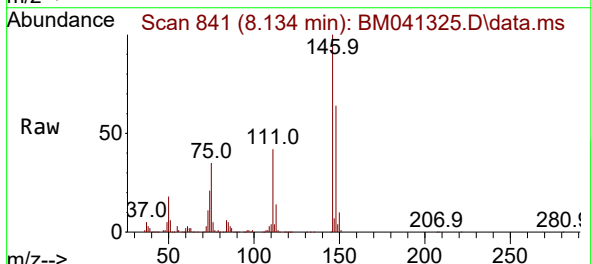
Tgt Ion:146 Resp: 450897

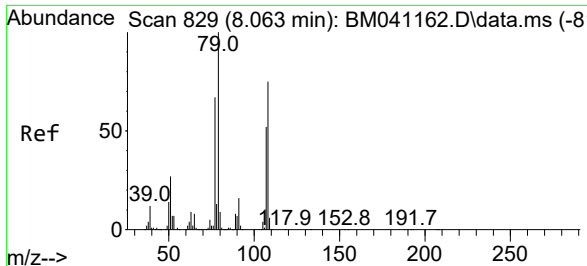
Ion Ratio Lower Upper

146 100

148 64.4 50.9 76.3

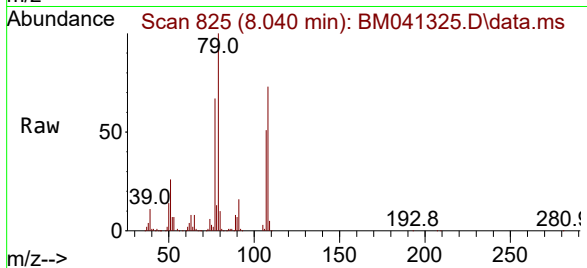
111 42.0 33.8 50.6





#15
Benzyl Alcohol
Concen: 44.950 ng
RT: 8.040 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

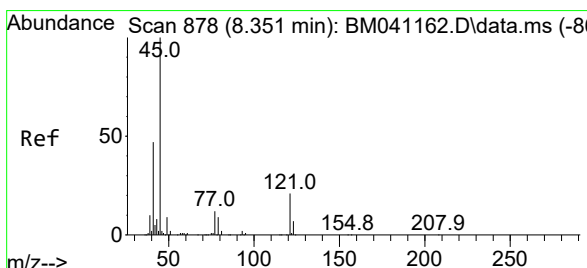
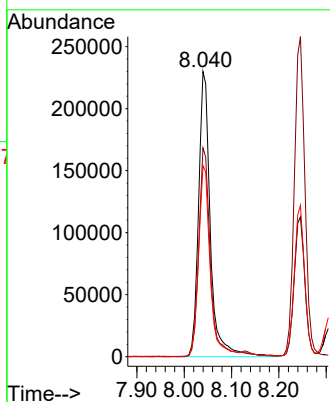
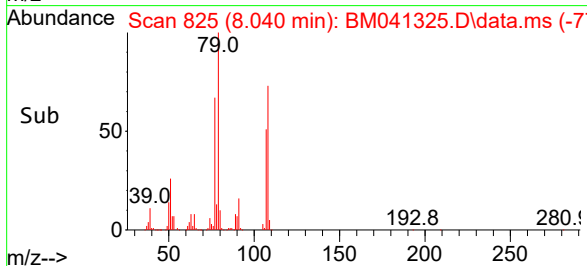
Instrument :
BNA_M
ClientSampleId :
PB154641BSD



Tgt Ion: 79 Resp: 397708
Ion Ratio Lower Upper
79 100
108 73.2 59.8 89.8
77 67.0 53.8 80.6

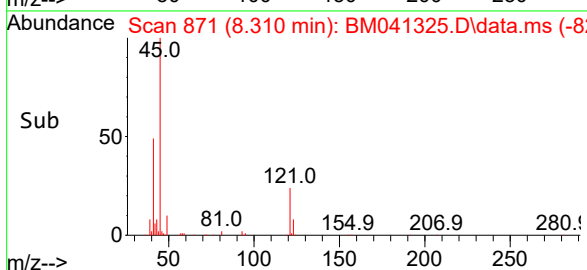
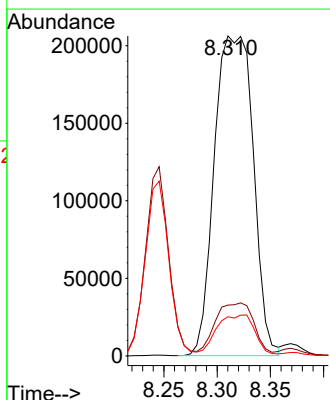
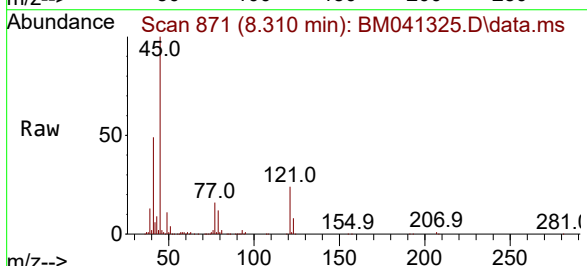
Manual Integrations
APPROVED

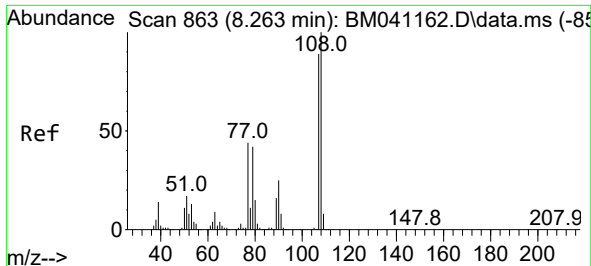
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.852 ng
RT: 8.310 min Scan# 871
Delta R.T. -0.017 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

Tgt Ion: 45 Resp: 523227
Ion Ratio Lower Upper
45 100
77 15.9 0.0 34.5
79 12.3 0.0 32.1





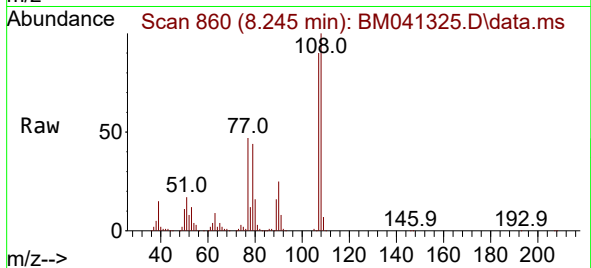
#17
2-Methylphenol
Concen: 38.584 ng
RT: 8.245 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

Instrument :

BNA_M

ClientSampleId :

PB154641BSD

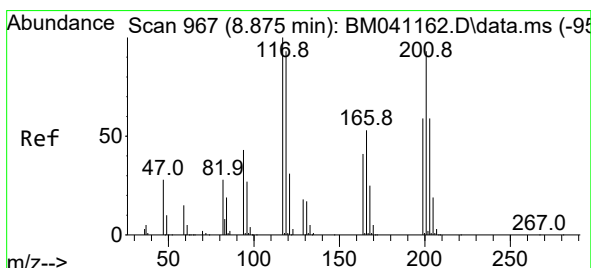
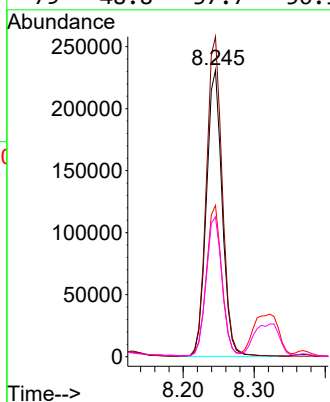
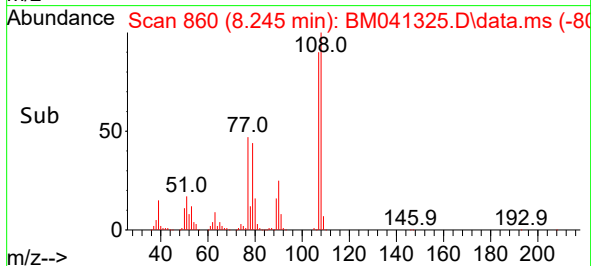


Tgt Ion:107 Resp: 35669
Ion Ratio Lower Upper
107 100
108 111.7 89.9 134.9
77 52.8 39.8 59.8
79 48.8 37.7 56.5

Manual Integrations

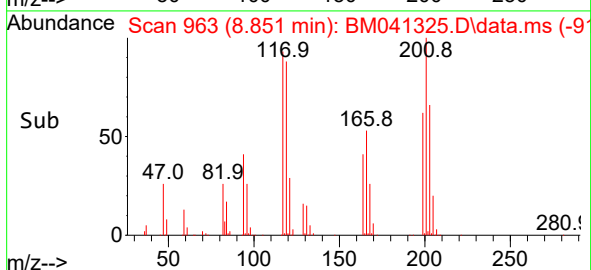
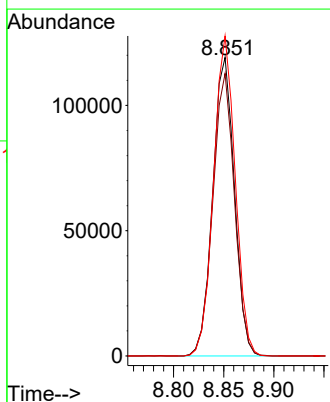
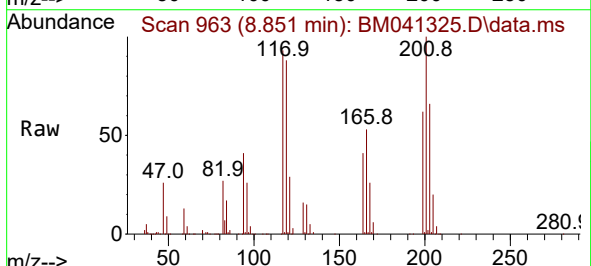
APPROVED

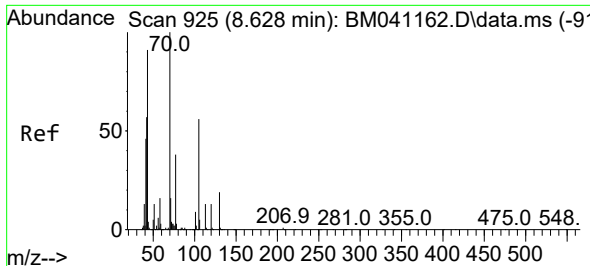
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#18
Hexachloroethane
Concen: 41.767 ng
RT: 8.851 min Scan# 963
Delta R.T. 0.000 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

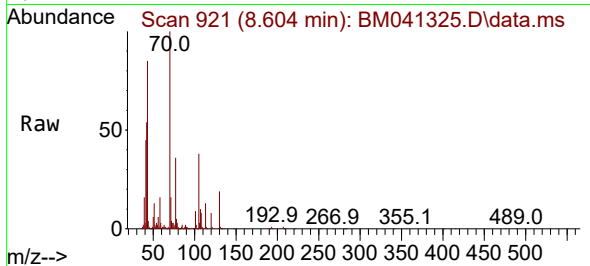
Tgt Ion:117 Resp: 179510
Ion Ratio Lower Upper
117 100
119 94.6 74.2 111.4
201 107.2 74.5 111.7





#19
n-Nitroso-di-n-propylamine
Concen: 40.009 ng
RT: 8.604 min Scan# 916
Delta R.T. 0.000 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

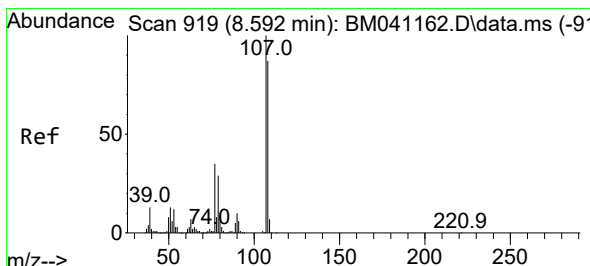
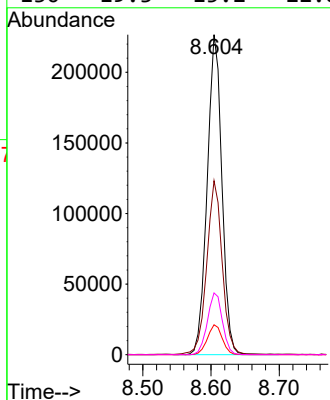
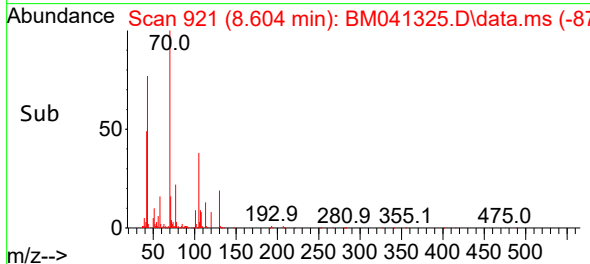
Instrument :
BNA_M
ClientSampleId :
PB154641BSD



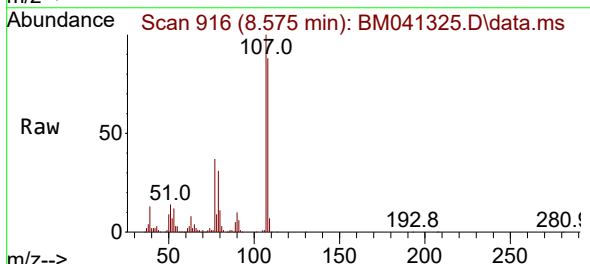
Tgt Ion: 70 Resp: 340470
Ion Ratio Lower Upper
70 100
42 54.4 45.8 68.8
101 9.4 7.4 11.0
130 19.3 15.2 22.8

Manual Integrations
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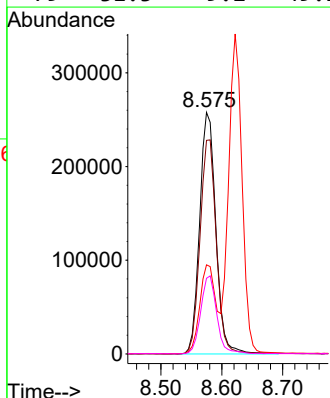
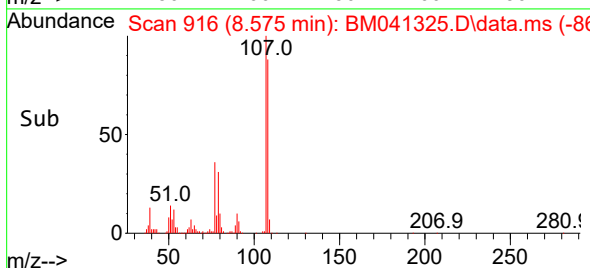
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

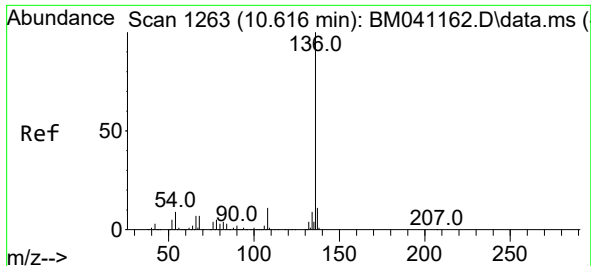


#20
3+4-Methylphenols
Concen: 38.705 ng
RT: 8.575 min Scan# 916
Delta R.T. 0.000 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24



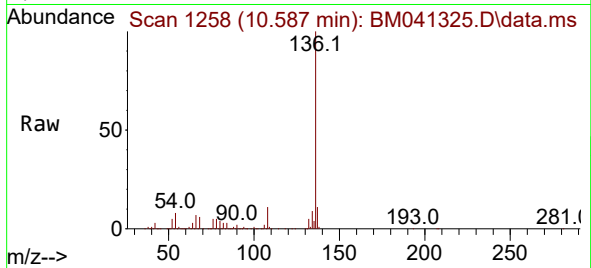
Tgt Ion:107 Resp: 478426
Ion Ratio Lower Upper
107 100
108 88.4 67.2 107.2
77 36.9 15.4 55.4
79 31.3 9.2 49.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

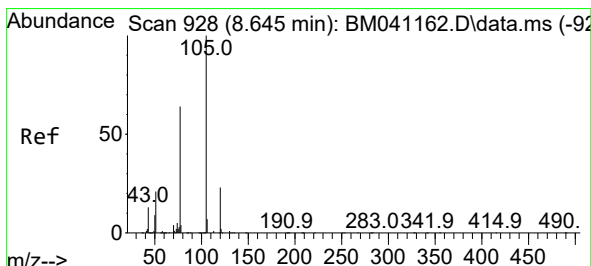
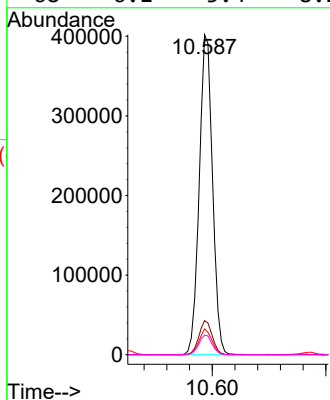
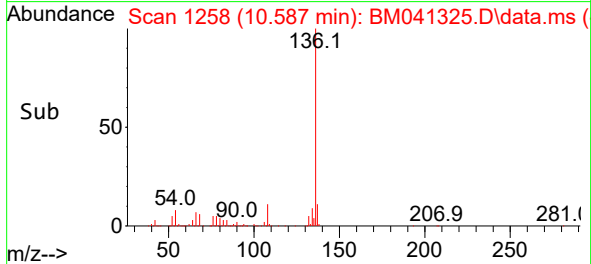
Instrument :
BNA_M
ClientSampleId :
PB154641BSD



Tgt Ion:136 Resp: 65094
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.0 6.9 10.3
68 6.1 5.4 8.2

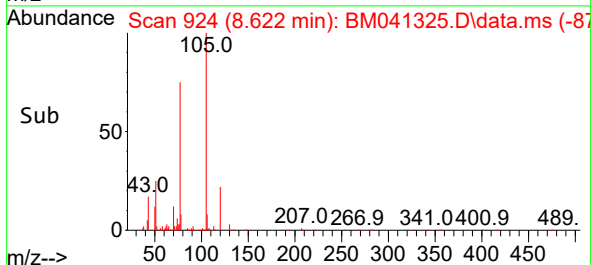
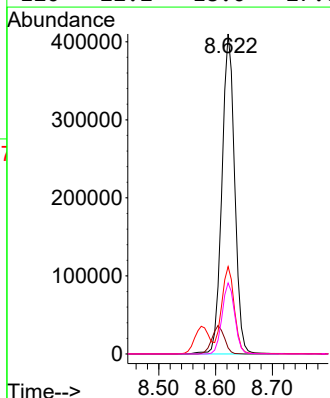
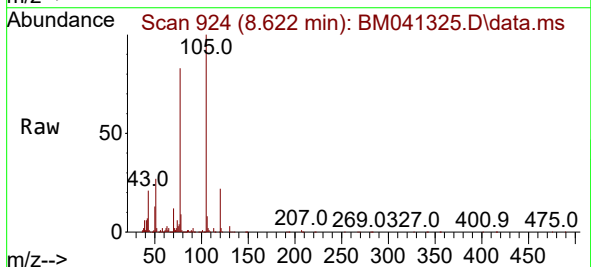
Manual Integrations
APPROVED

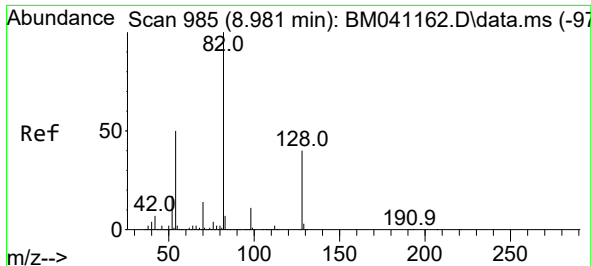
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#22
Acetophenone
Concen: 37.251 ng
RT: 8.622 min Scan# 924
Delta R.T. 0.000 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

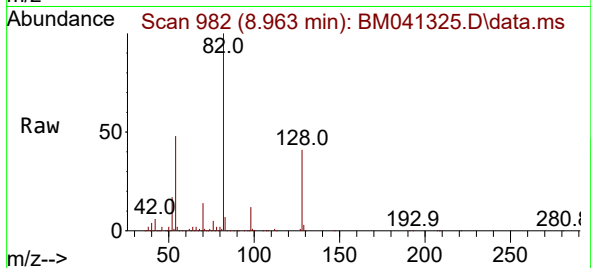
Tgt Ion:105 Resp: 642208
Ion Ratio Lower Upper
105 100
71 1.9 1.2 1.8#
51 27.3 22.0 33.0
120 22.2 18.0 27.0





#23
Nitrobenzene-d5
Concen: 68.668 ng
RT: 8.963 min Scan# 982
Delta R.T. 0.000 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

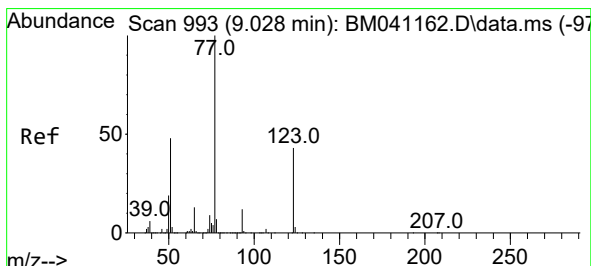
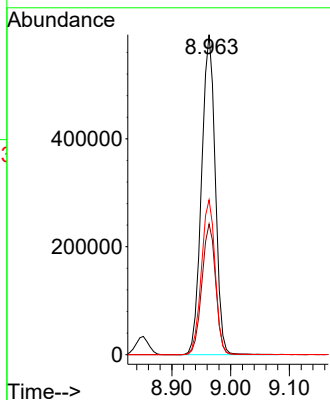
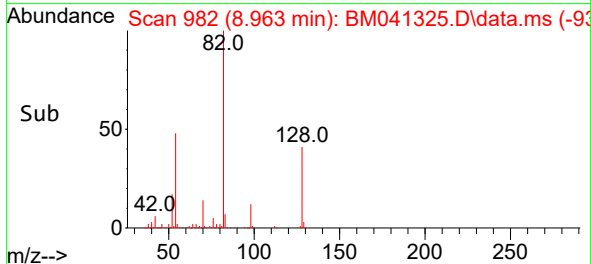
Instrument :
BNA_M
ClientSampleId :
PB154641BSD



Tgt Ion: 82 Resp: 961180
Ion Ratio Lower Upper
82 100
128 40.8 31.8 47.6
54 48.4 40.1 60.1

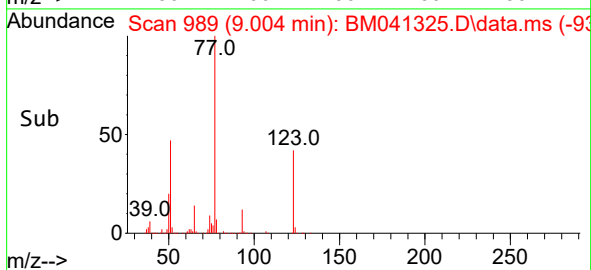
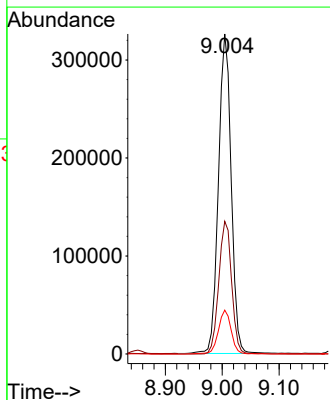
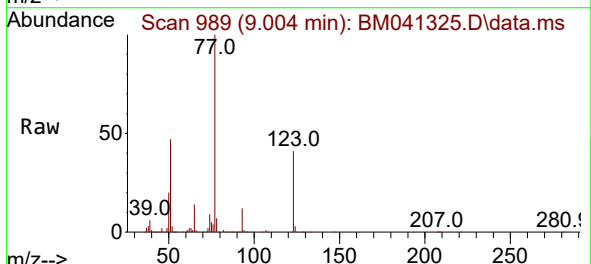
Manual Integrations
APPROVED

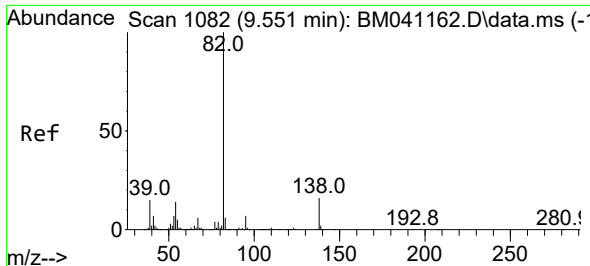
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#24
Nitrobenzene
Concen: 35.885 ng
RT: 9.004 min Scan# 989
Delta R.T. 0.000 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

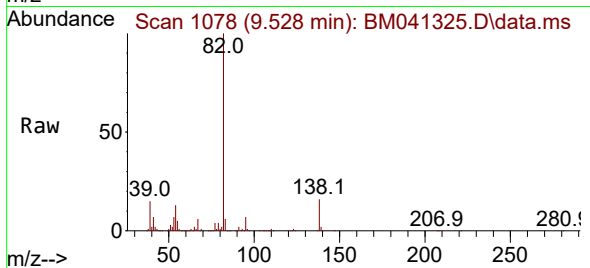
Tgt Ion: 77 Resp: 507971
Ion Ratio Lower Upper
77 100
123 41.4 34.2 51.2
65 13.7 10.7 16.1





#25
Isophorone
Concen: 37.842 ng
RT: 9.528 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

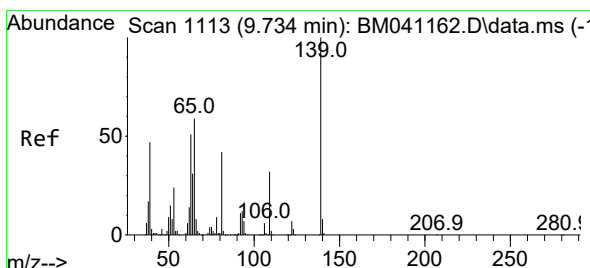
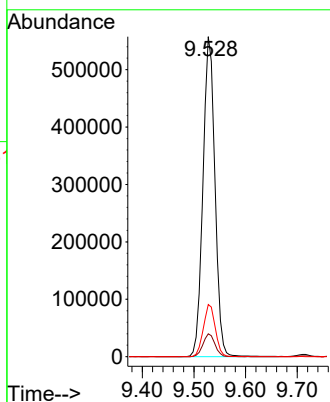
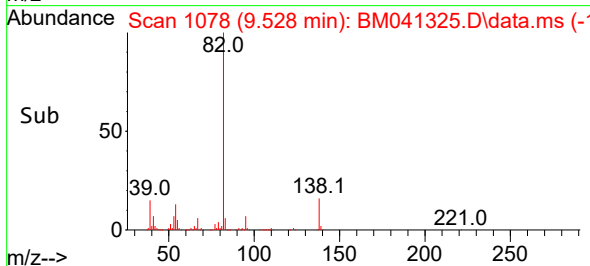
Instrument :
BNA_M
ClientSampleId :
PB154641BSD



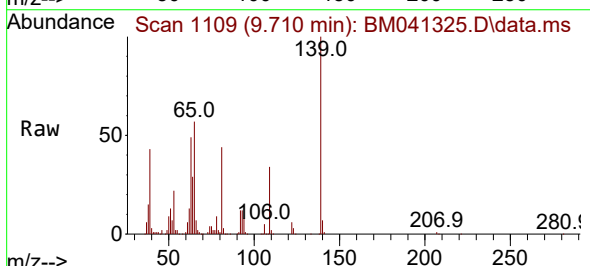
Tgt Ion: 82 Resp: 89915
Ion Ratio Lower Upper
82 100
95 7.2 5.3 7.9
138 16.3 12.8 19.2

Manual Integrations
APPROVED

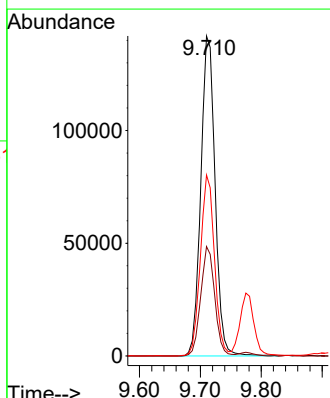
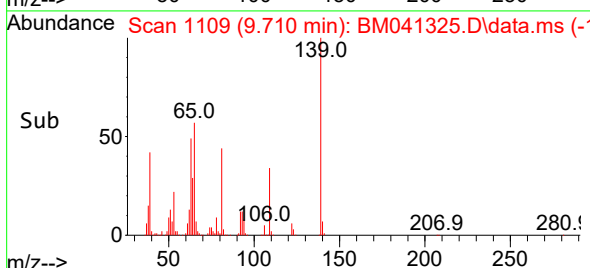
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

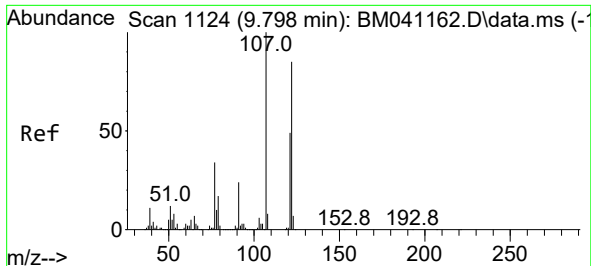


#26
2-Nitrophenol
Concen: 41.924 ng
RT: 9.710 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24



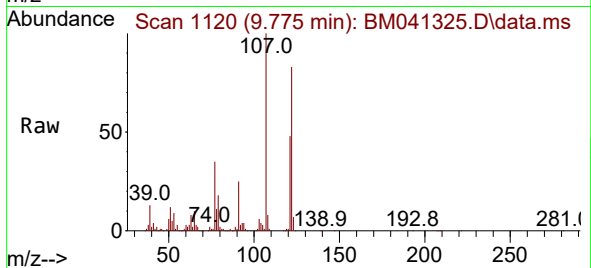
Tgt Ion:139 Resp: 231994
Ion Ratio Lower Upper
139 100
109 34.2 25.4 38.2
65 56.5 47.2 70.8





#27
2,4-Dimethylphenol
Concen: 36.357 ng
RT: 9.775 min Scan# 1124
Delta R.T. -0.006 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

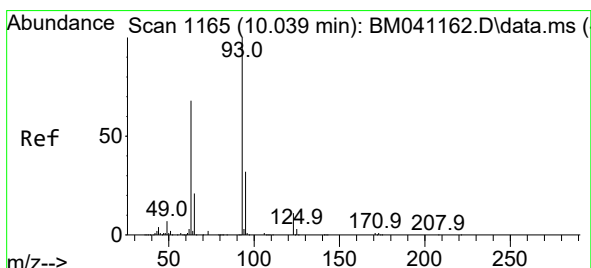
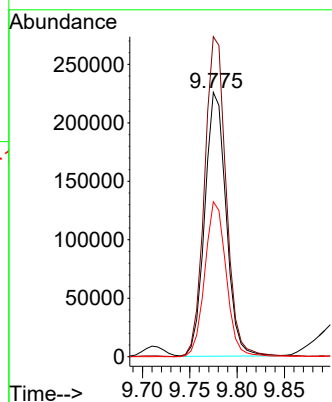
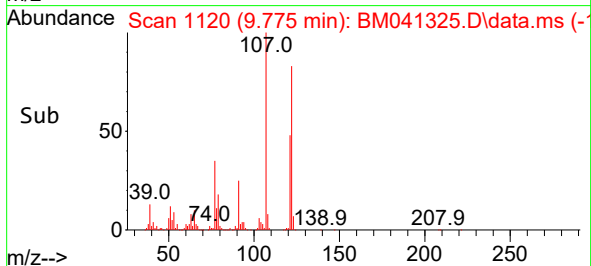
Instrument :
BNA_M
ClientSampleId :
PB154641BSD



Tgt Ion:122 Resp: 35402
Ion Ratio Lower Upper
122 100
107 121.1 94.3 141.5
121 58.6 45.8 68.8

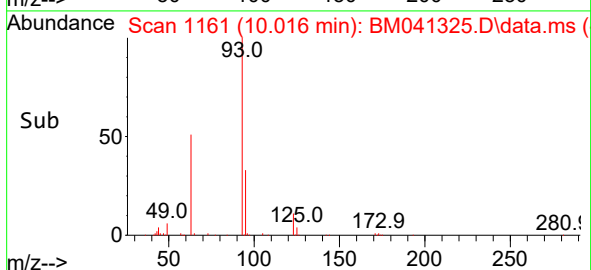
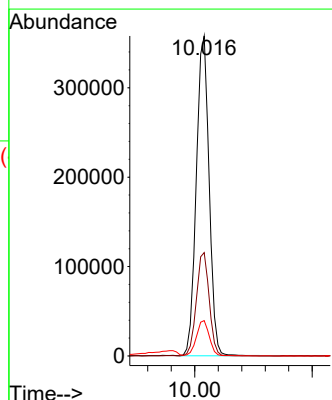
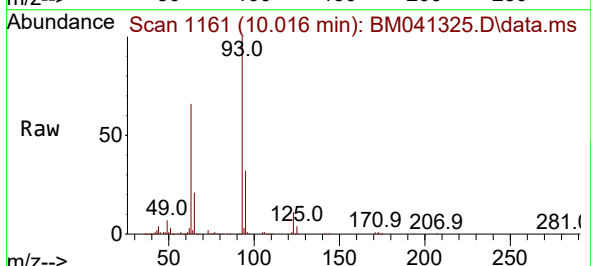
Manual Integrations
APPROVED

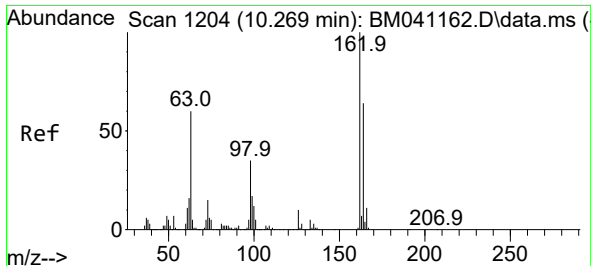
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#28
bis(2-Chloroethoxy)methane
Concen: 36.261 ng
RT: 10.016 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

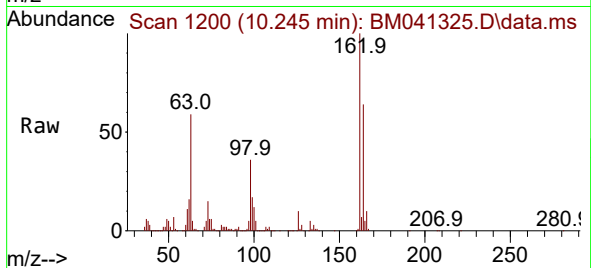
Tgt Ion: 93 Resp: 539705
Ion Ratio Lower Upper
93 100
95 32.3 25.9 38.9
123 11.1 9.1 13.7





#29
2,4-Dichlorophenol
Concen: 40.875 ng
RT: 10.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

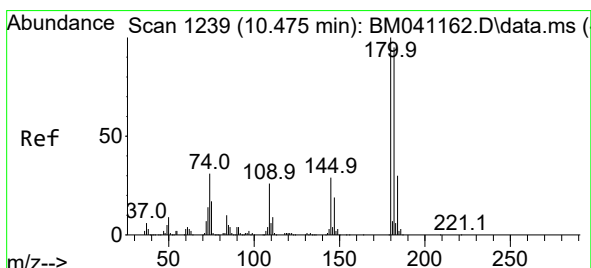
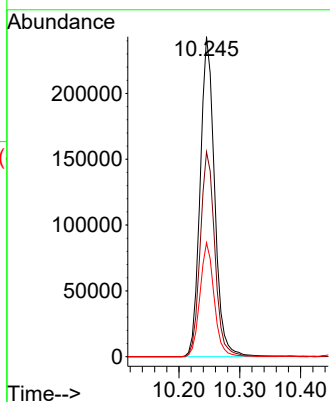
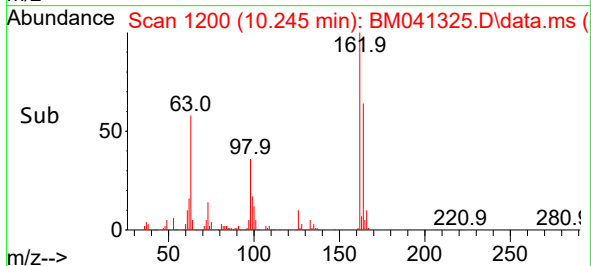
Instrument :
BNA_M
ClientSampleId :
PB154641BSD



Tgt Ion:162 Resp: 40138
Ion Ratio Lower Upper
162 100
164 64.0 44.3 84.3
98 35.6 15.1 55.1

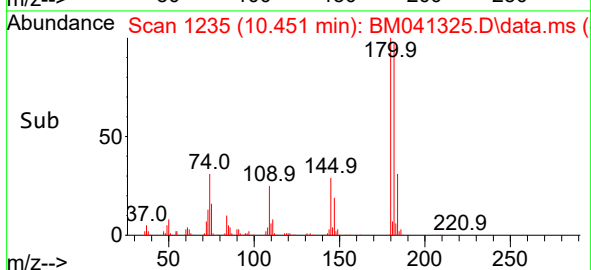
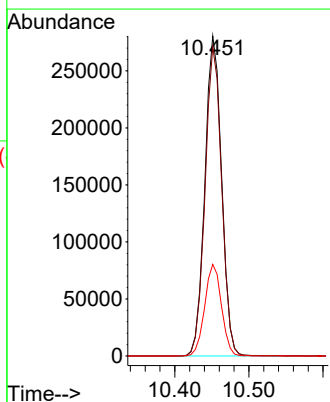
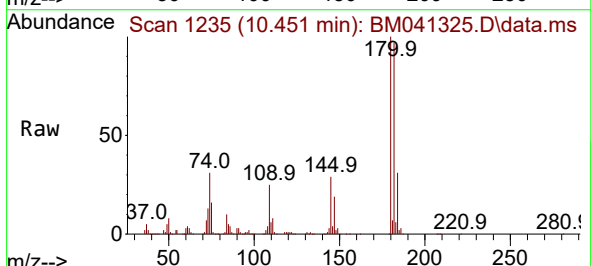
Manual Integrations
APPROVED

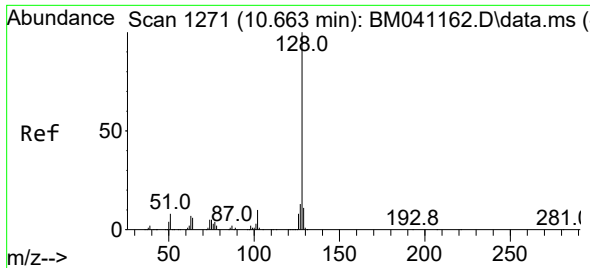
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#30
1,2,4-Trichlorobenzene
Concen: 40.544 ng
RT: 10.451 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

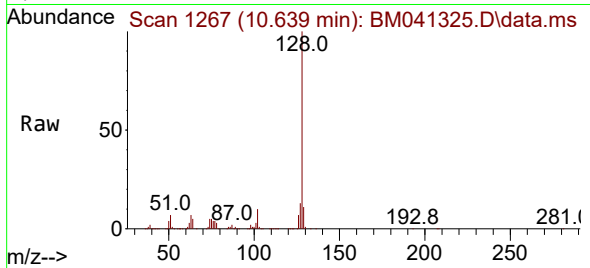
Tgt Ion:180 Resp: 439868
Ion Ratio Lower Upper
180 100
182 96.5 75.9 113.9
145 28.6 23.6 35.4





#31
Naphthalene
Concen: 36.044 ng
RT: 10.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

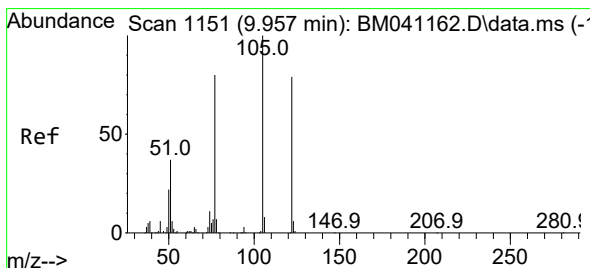
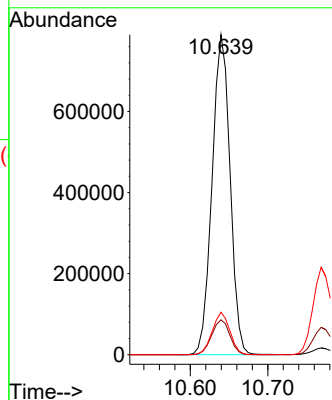
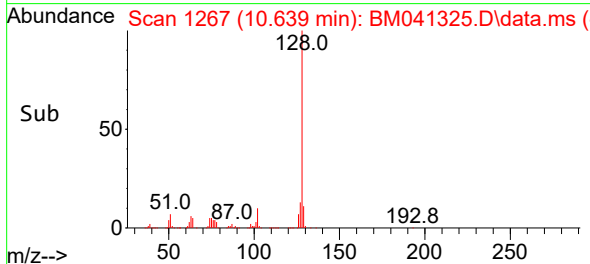
Instrument :
BNA_M
ClientSampleId :
PB154641BSD



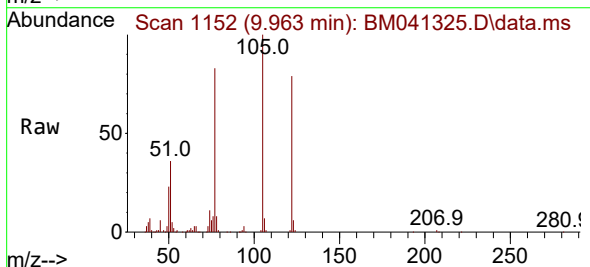
Tgt Ion:128 Resp: 127322
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.2 10.5 15.7

Manual Integrations
APPROVED

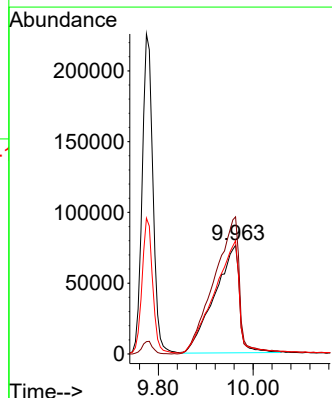
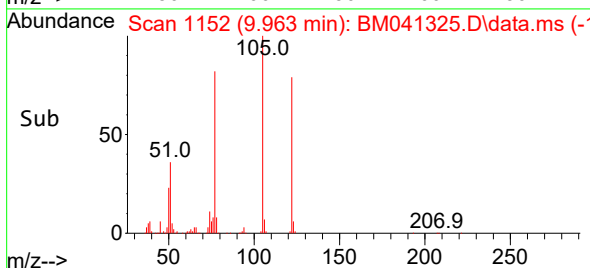
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

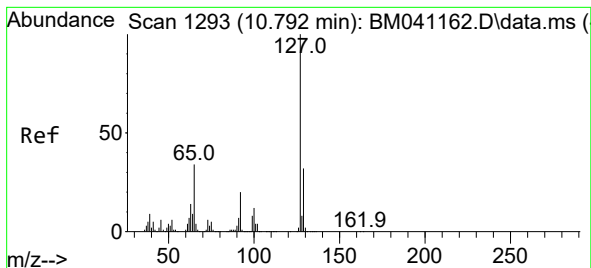


#32
Benzoic acid
Concen: 39.561 ng
RT: 9.963 min Scan# 1152
Delta R.T. 0.006 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24



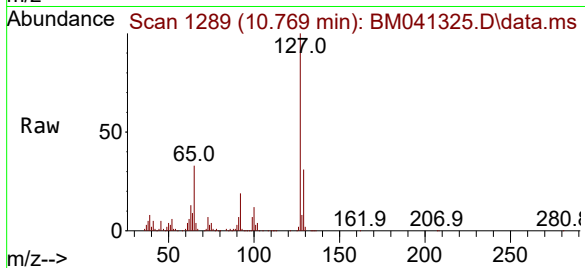
Tgt Ion:122 Resp: 278509
Ion Ratio Lower Upper
122 100
105 126.2 104.0 144.0
77 104.2 79.9 119.9





#33
4-Chloroaniline
Concen: 26.797 ng
RT: 10.769 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

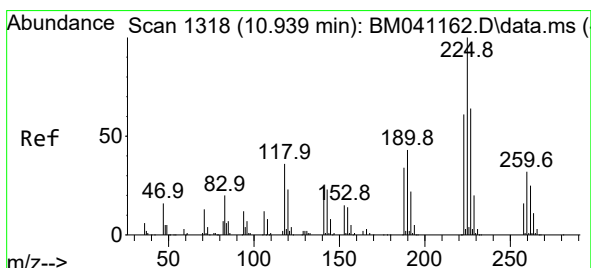
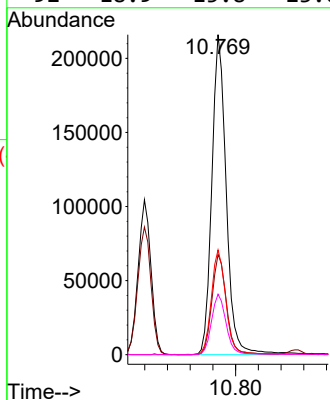
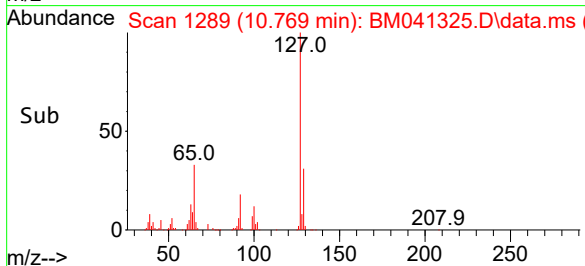
Instrument :
BNA_M
ClientSampleId :
PB154641BSD



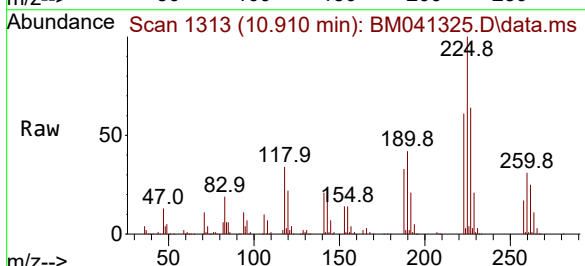
Tgt Ion:127 Resp: 37829
Ion Ratio Lower Upper
127 100
129 31.3 25.9 38.9
65 32.7 26.9 40.3
92 18.9 15.8 23.6

Manual Integrations
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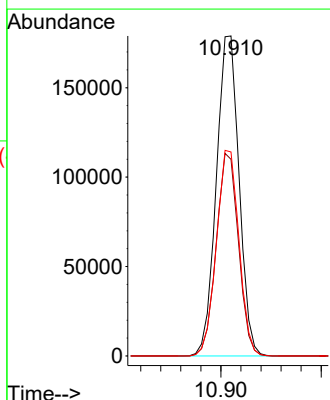
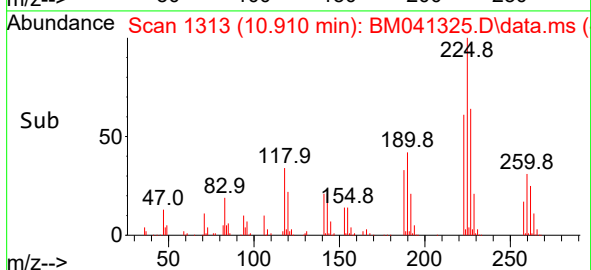
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

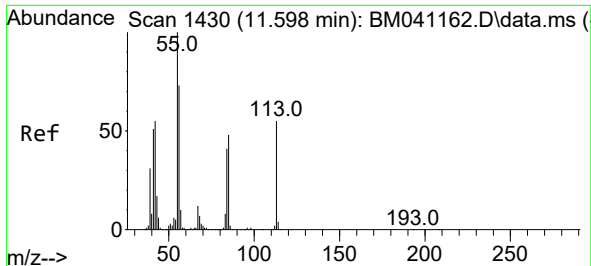


#34
Hexachlorobutadiene
Concen: 43.049 ng
RT: 10.910 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24



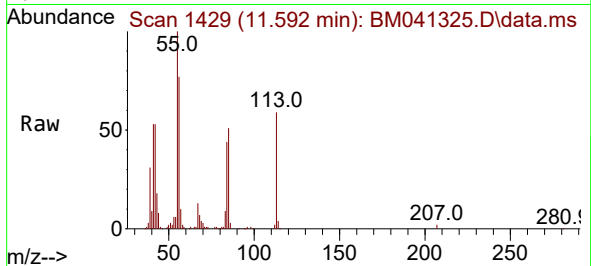
Tgt Ion:225 Resp: 280899
Ion Ratio Lower Upper
225 100
223 61.4 49.0 73.4
227 63.7 50.8 76.2





#35
Caprolactam
Concen: 40.139 ng
RT: 11.592 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

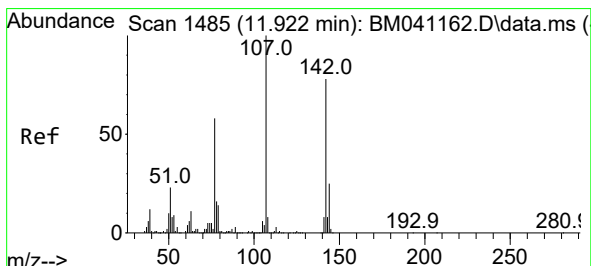
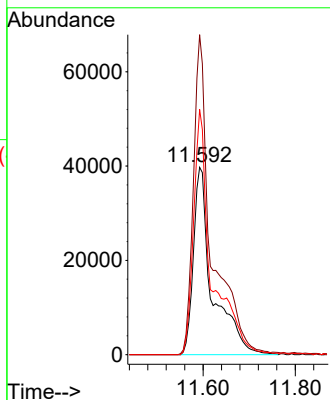
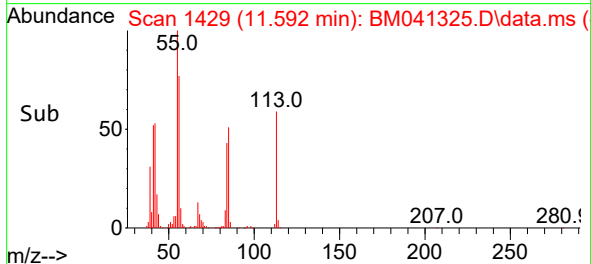
Instrument :
BNA_M
ClientSampleId :
PB154641BSD



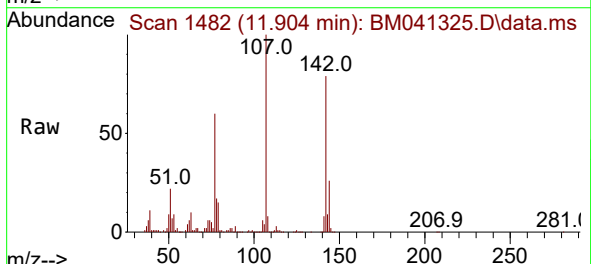
Tgt Ion:113 Resp: 11402
Ion Ratio Lower Upper
113 100
55 170.7 162.5 202.5
56 130.9 114.1 154.1

Manual Integrations
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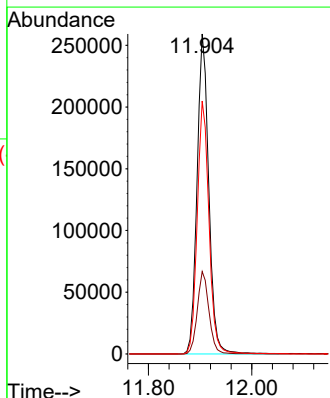
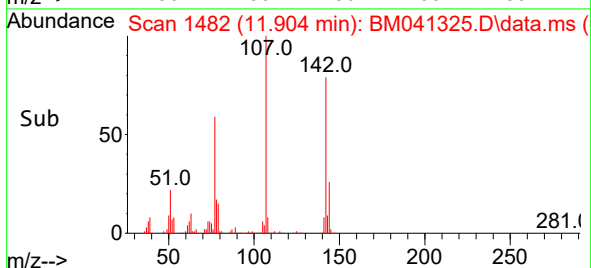
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

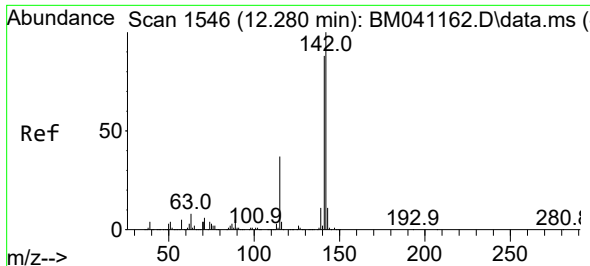


#36
4-Chloro-3-methylphenol
Concen: 39.472 ng
RT: 11.904 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24



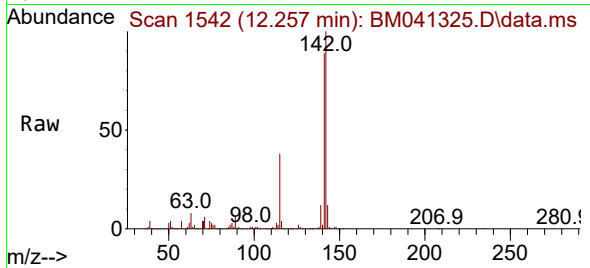
Tgt Ion:107 Resp: 407961
Ion Ratio Lower Upper
107 100
144 25.7 20.1 30.1
142 79.0 62.2 93.4





#37
2-Methylnaphthalene
Concen: 35.877 ng
RT: 12.257 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

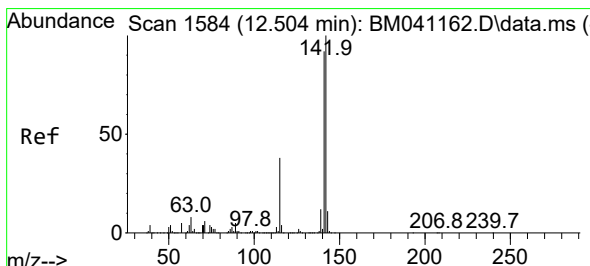
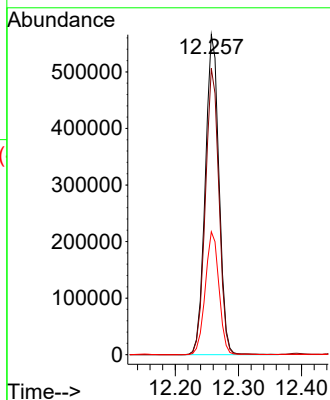
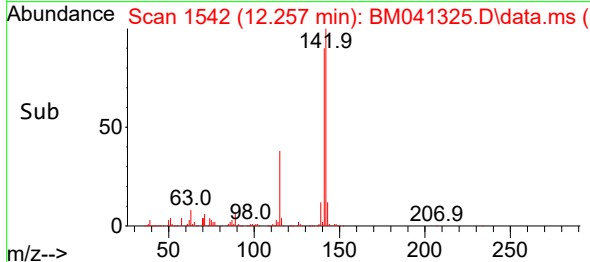
Instrument :
BNA_M
ClientSampleId :
PB154641BSD



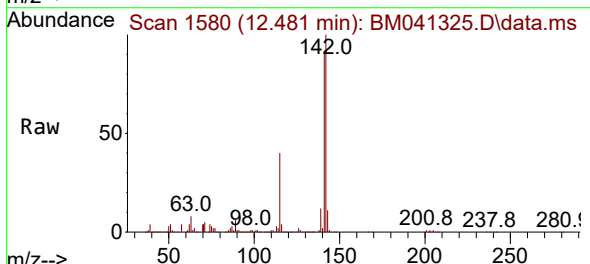
Tgt Ion:142 Resp: 854400
Ion Ratio Lower Upper
142 100
141 89.4 70.7 106.1
115 38.4 29.3 43.9

Manual Integrations
APPROVED

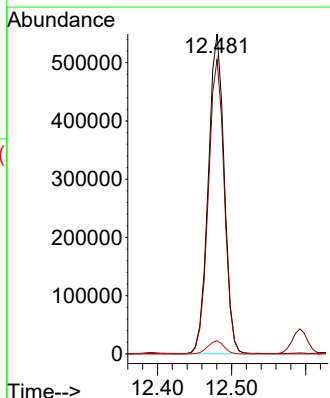
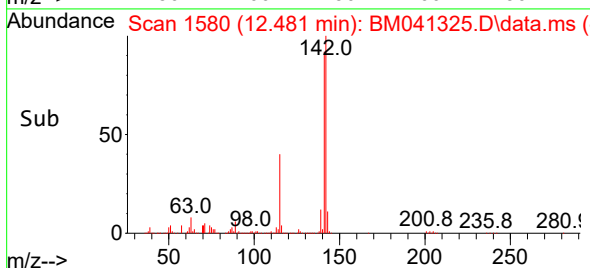
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

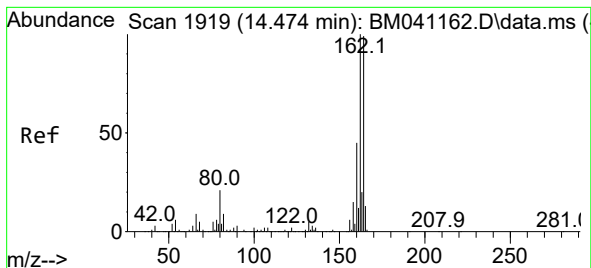


#38
1-Methylnaphthalene
Concen: 36.828 ng
RT: 12.481 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24



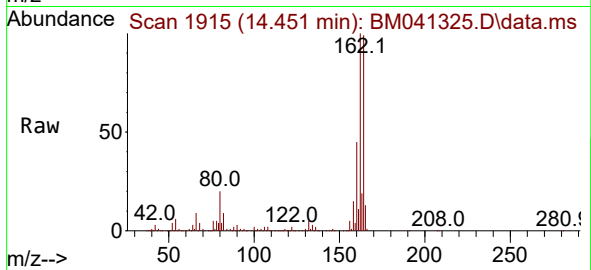
Tgt Ion:142 Resp: 820860
Ion Ratio Lower Upper
142 100
141 92.0 73.4 110.2
116 4.1 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

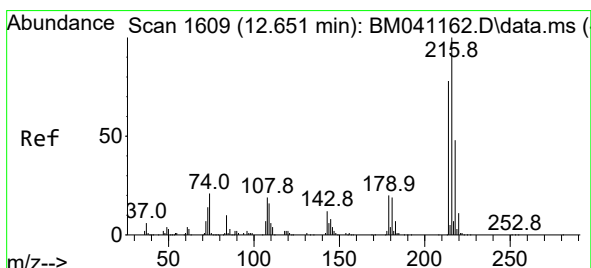
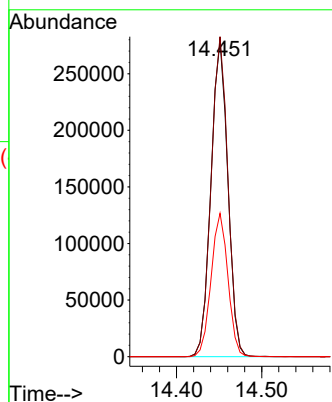
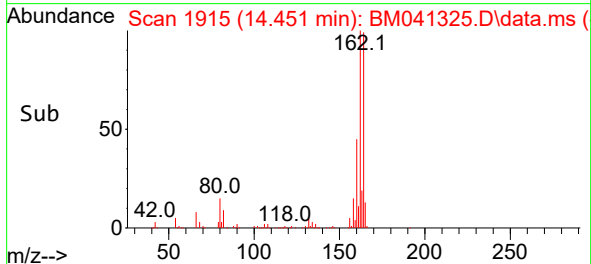
Instrument :
BNA_M
ClientSampleId :
PB154641BSD



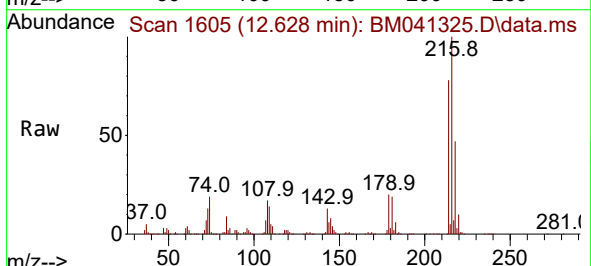
Tgt Ion:164 Resp: 38443
Ion Ratio Lower Upper
164 100
162 101.4 80.4 120.6
160 45.4 36.2 54.2

Manual Integrations
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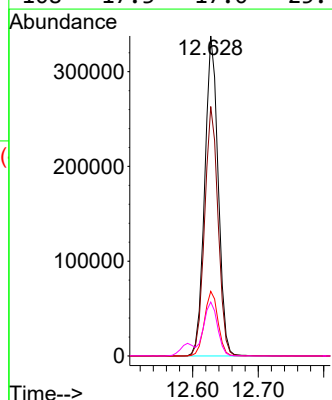
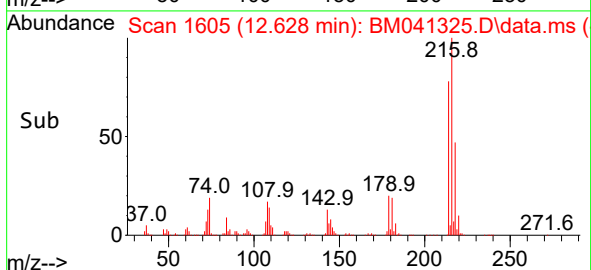
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

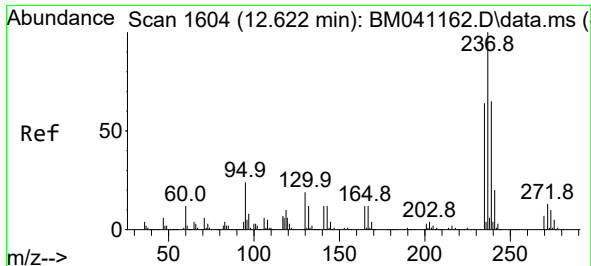


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.582 ng
RT: 12.628 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24



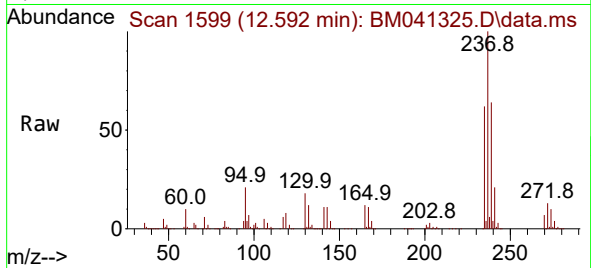
Tgt Ion:216 Resp: 481622
Ion Ratio Lower Upper
216 100
214 78.4 63.2 94.8
179 20.3 16.2 24.2
108 17.3 17.0 25.4





#41
Hexachlorocyclopentadiene
Concen: 81.667 ng
RT: 12.592 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

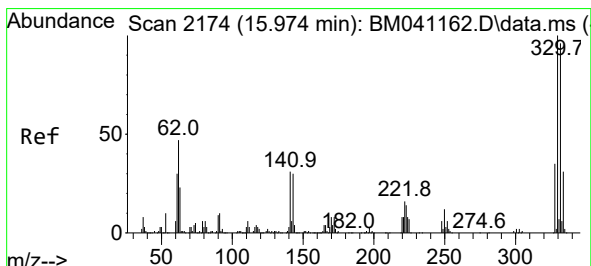
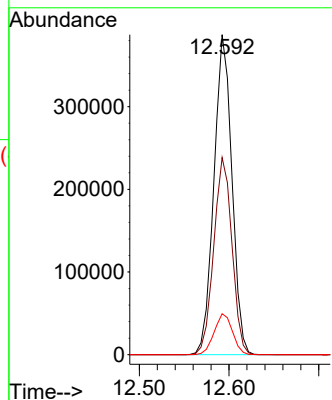
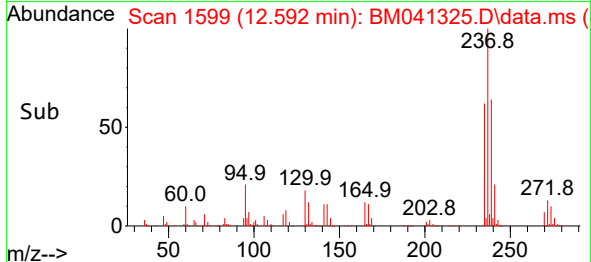
Instrument :
BNA_M
ClientSampleId :
PB154641BSD



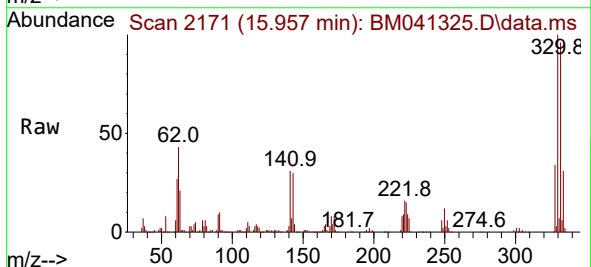
Tgt Ion:237 Resp: 53934
Ion Ratio Lower Upper
237 100
235 61.6 43.6 83.6
272 12.8 0.0 33.3

Manual Integrations
APPROVED

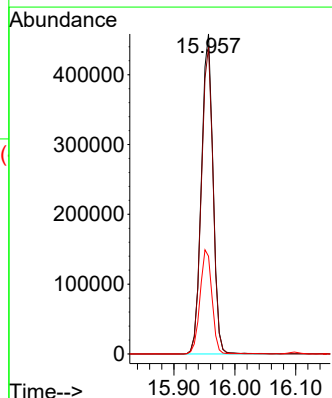
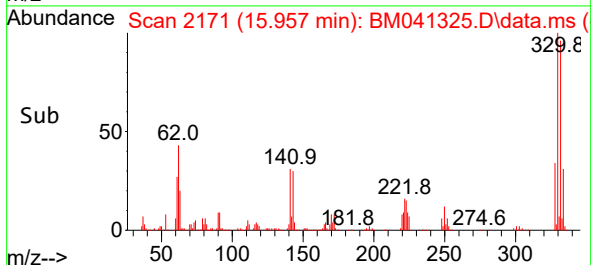
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

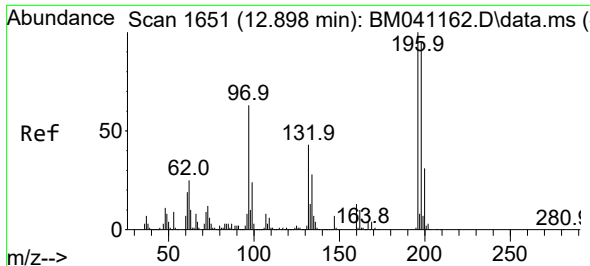


#42
2,4,6-Tribromophenol
Concen: 111.272 ng
RT: 15.957 min Scan# 2171
Delta R.T. 0.000 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24



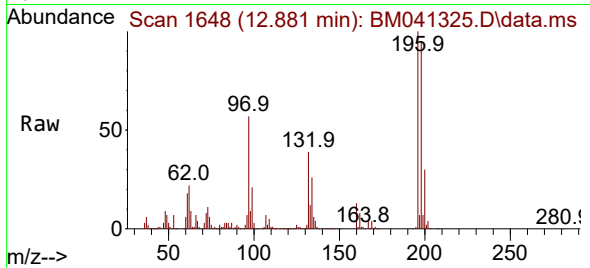
Tgt Ion:330 Resp: 605060
Ion Ratio Lower Upper
330 100
332 96.7 77.7 116.5
141 33.4 28.3 42.5





#43
2,4,6-Trichlorophenol
Concen: 40.258 ng
RT: 12.881 min Scan# 1648
Delta R.T. -0.006 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

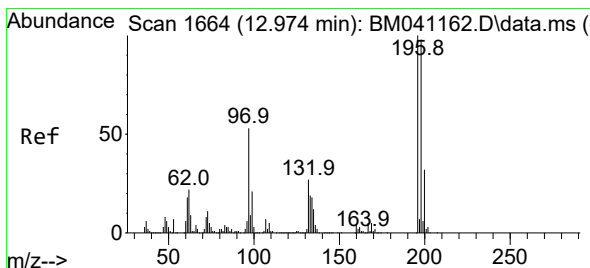
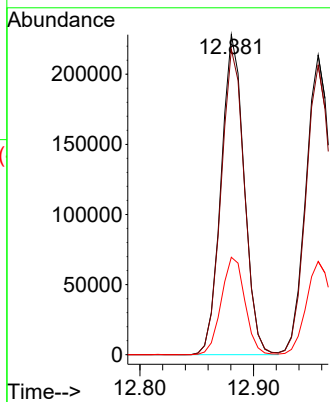
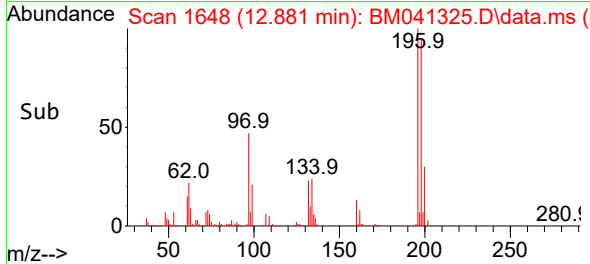
Instrument :
BNA_M
ClientSampleId :
PB154641BSD



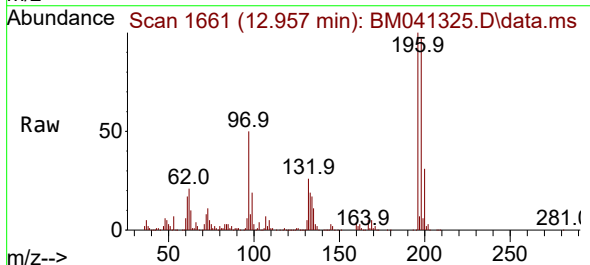
Tgt Ion:196 Resp: 322104
Ion Ratio Lower Upper
196 100
198 95.5 76.2 114.4
200 30.5 24.6 36.8

Manual Integrations
APPROVED

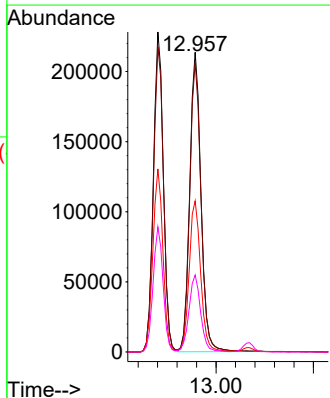
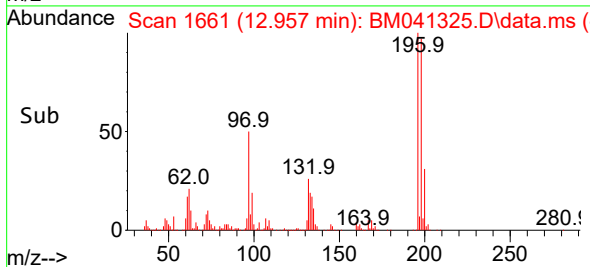
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

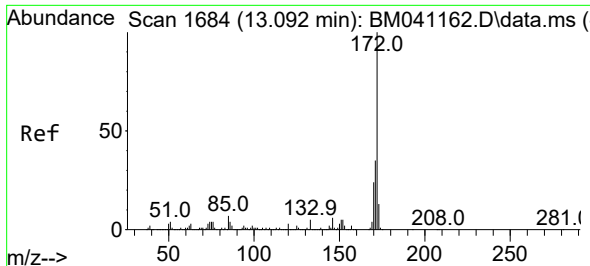


#44
2,4,5-Trichlorophenol
Concen: 37.309 ng
RT: 12.957 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24



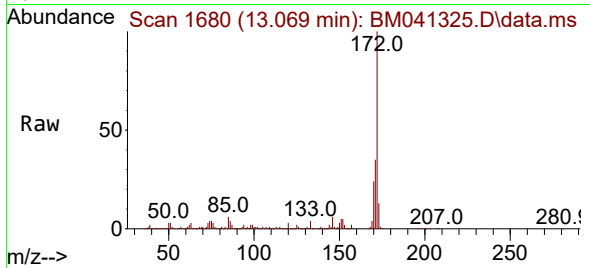
Tgt Ion:196 Resp: 345497
Ion Ratio Lower Upper
196 100
198 96.7 78.2 117.4
97 50.4 42.7 64.1
132 25.7 21.6 32.4





#45
2-Fluorobiphenyl
Concen: 68.183 ng
RT: 13.069 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

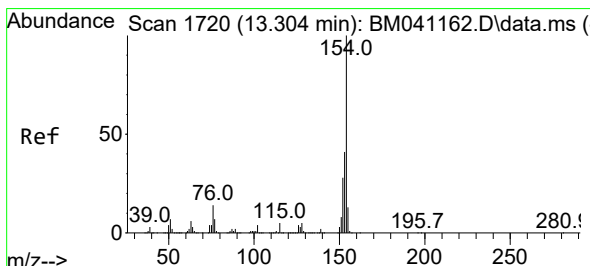
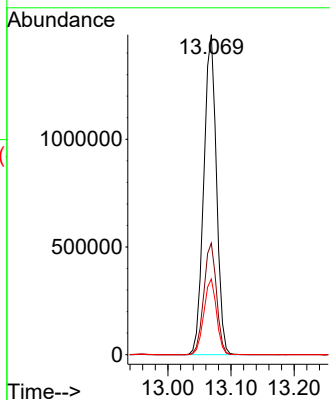
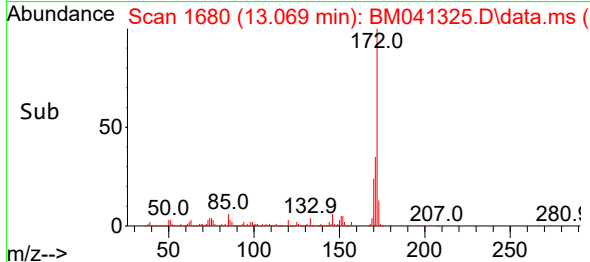
Instrument :
BNA_M
ClientSampleId :
PB154641BSD



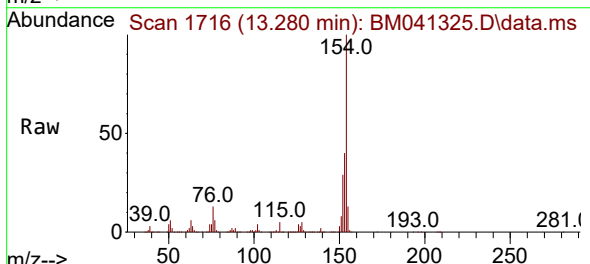
Tgt Ion:172 Resp: 207497
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.7 18.9 28.3

Manual Integrations
APPROVED

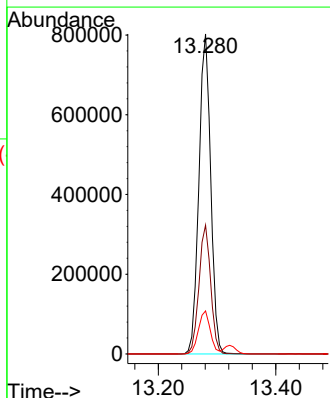
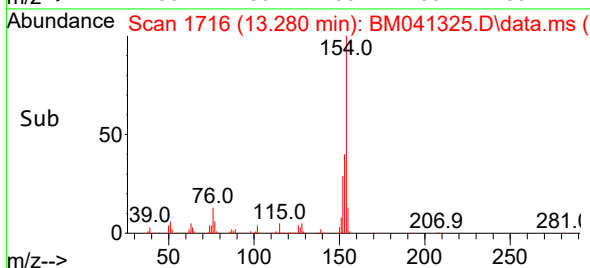
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

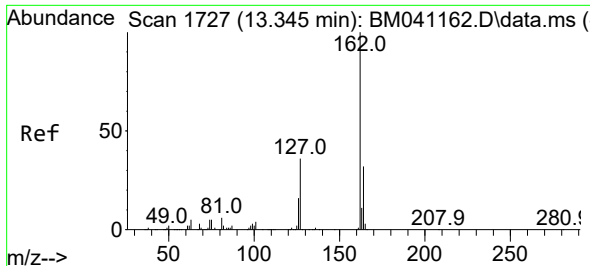


#46
1,1'-Biphenyl
Concen: 35.777 ng
RT: 13.280 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24



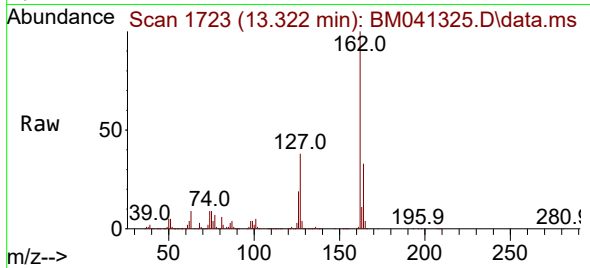
Tgt Ion:154 Resp: 1115020
Ion Ratio Lower Upper
154 100
153 40.3 20.5 60.5
76 13.4 0.0 34.1





#47
2-Chloronaphthalene
Concen: 37.621 ng
RT: 13.322 min Scan# 1723
Delta R.T. -0.006 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

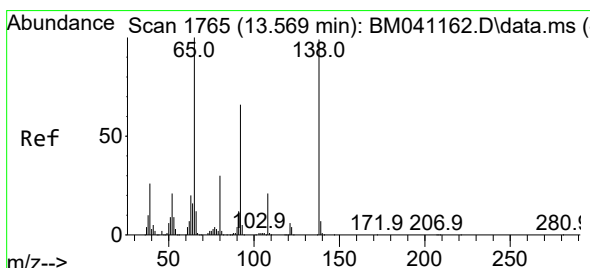
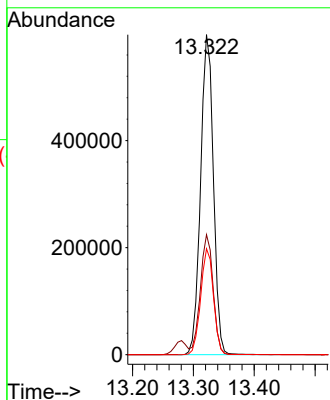
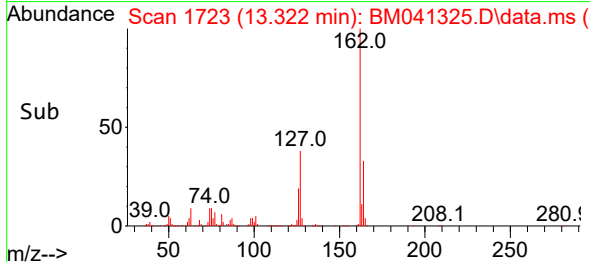
Instrument :
BNA_M
ClientSampleId :
PB154641BSD



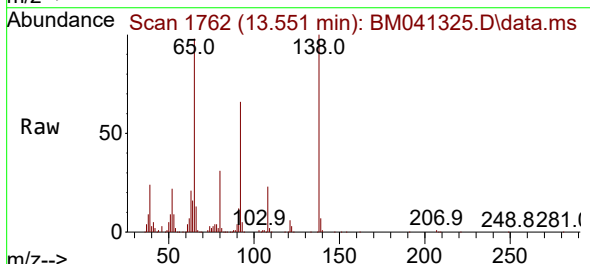
Tgt Ion:162 Resp: 875470
Ion Ratio Lower Upper
162 100
127 37.5 30.6 45.8
164 33.1 25.6 38.4

Manual Integrations
APPROVED

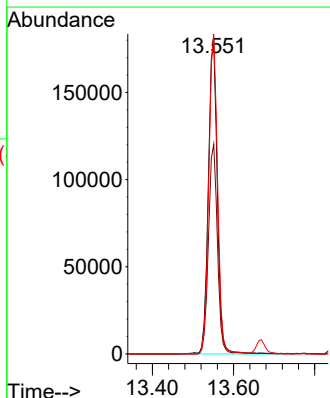
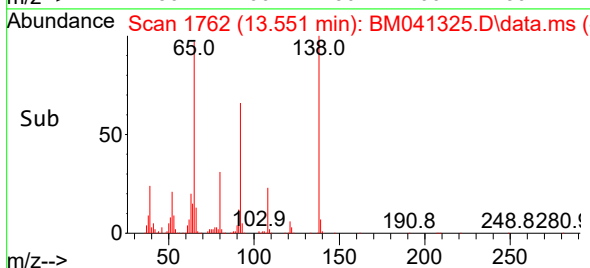
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

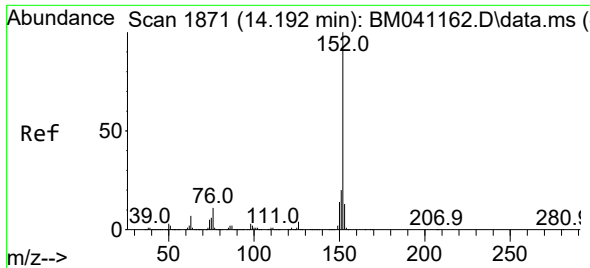


#48
2-Nitroaniline
Concen: 37.175 ng
RT: 13.551 min Scan# 1762
Delta R.T. 0.000 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24



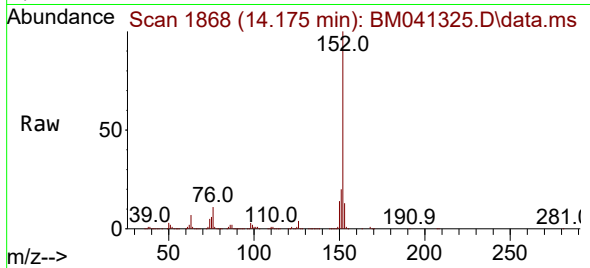
Tgt Ion: 65 Resp: 276139
Ion Ratio Lower Upper
65 100
92 67.2 53.0 79.4
138 102.5 79.1 118.7





#49
Acenaphthylene
Concen: 37.001 ng
RT: 14.175 min Scan# 1868
Delta R.T. 0.000 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

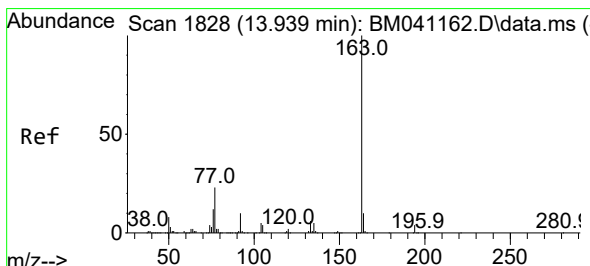
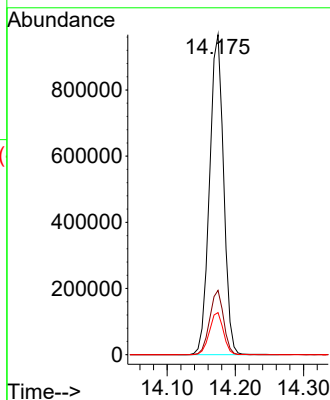
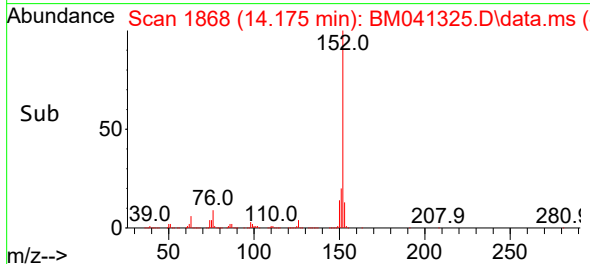
Instrument :
BNA_M
ClientSampleId :
PB154641BSD



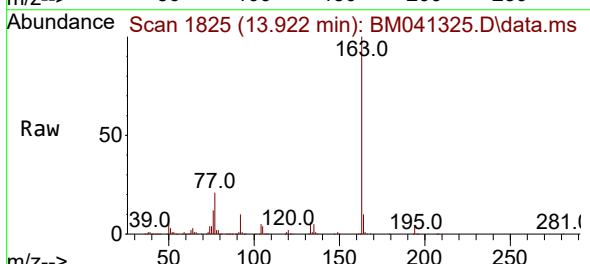
Tgt Ion:152 Resp: 1389788
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.1 10.5 15.7

Manual Integrations
APPROVED

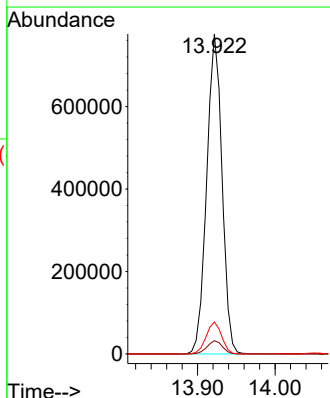
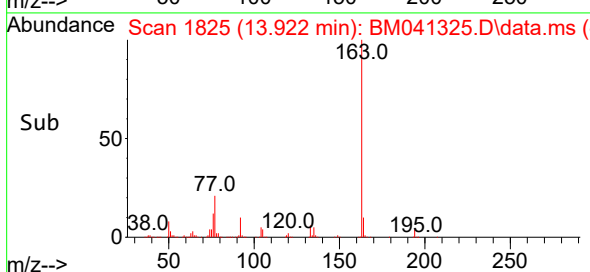
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

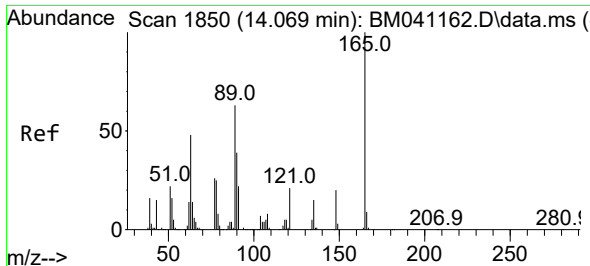


#50
Dimethylphthalate
Concen: 36.837 ng
RT: 13.922 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24



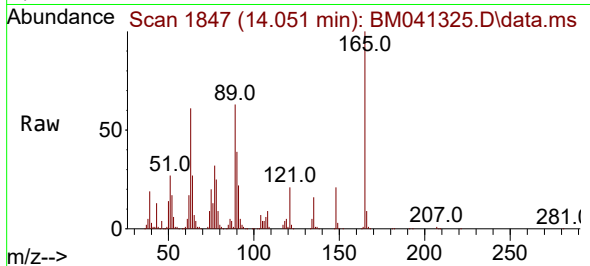
Tgt Ion:163 Resp: 1065237
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.0 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 38.787 ng
RT: 14.051 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

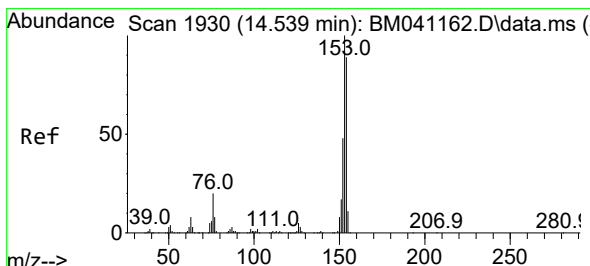
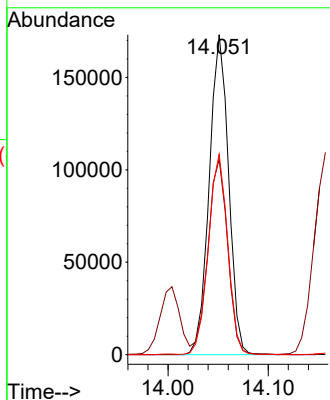
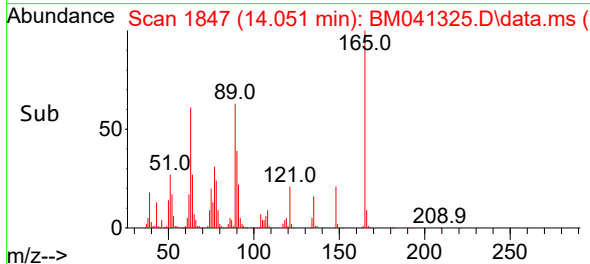
Instrument :
BNA_M
ClientSampleId :
PB154641BSD



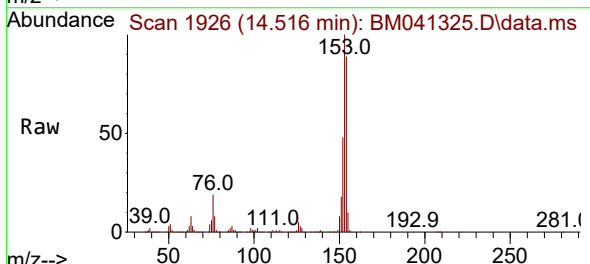
Tgt Ion:165 Resp: 23240
Ion Ratio Lower Upper
165 100
63 61.1 50.9 76.3
89 62.7 50.6 76.0

Manual Integrations
APPROVED

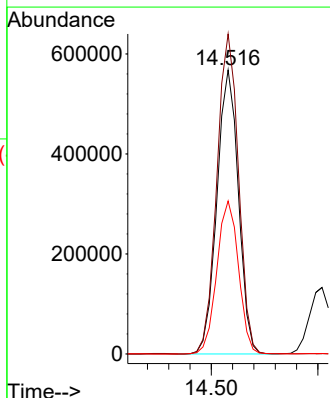
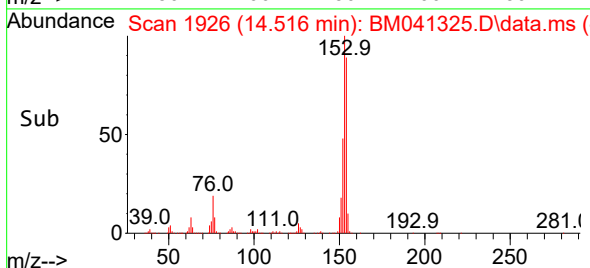
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

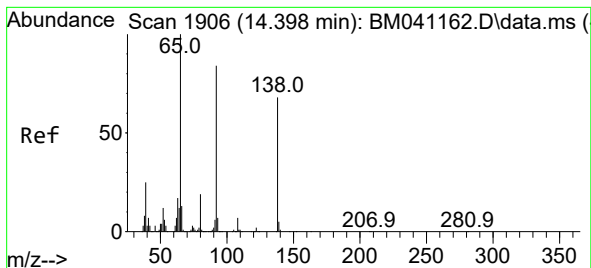


#52
Acenaphthene
Concen: 35.055 ng
RT: 14.516 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24



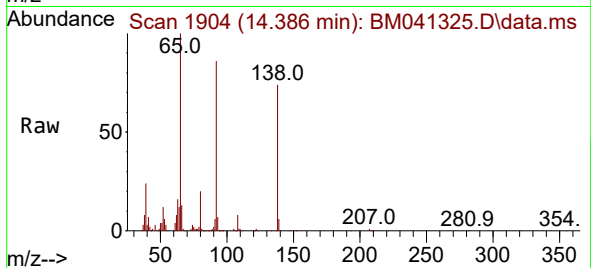
Tgt Ion:154 Resp: 793198
Ion Ratio Lower Upper
154 100
153 112.7 90.2 135.4
152 53.9 43.4 65.0





#53
3-Nitroaniline
Concen: 30.379 ng
RT: 14.386 min Scan# 1904
Delta R.T. 0.000 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

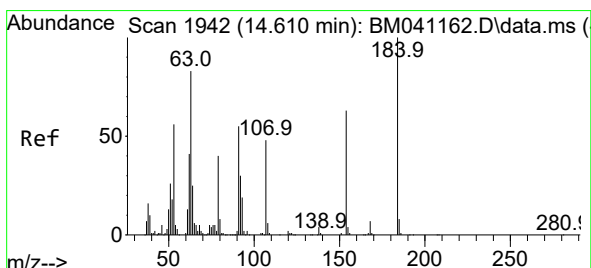
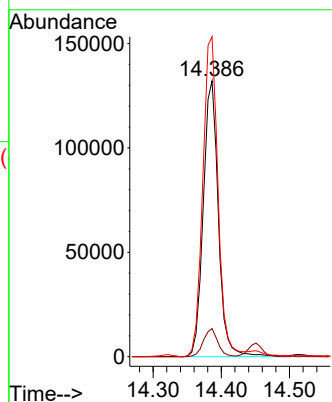
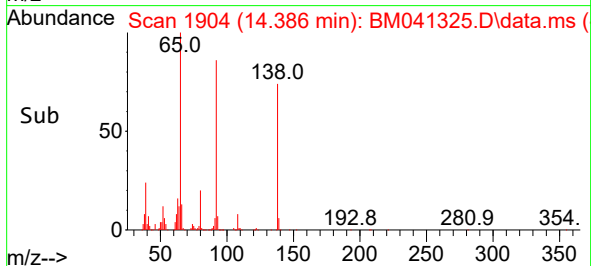
Instrument :
BNA_M
ClientSampleId :
PB154641BSD



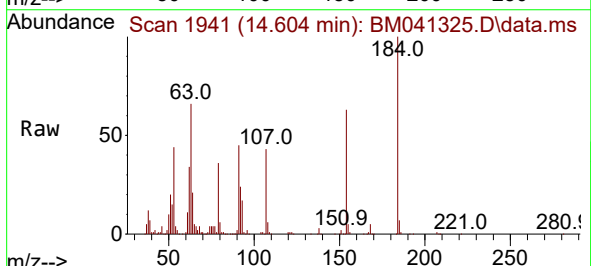
Tgt Ion:138 Resp: 20370
Ion Ratio Lower Upper
138 100
108 10.2 7.6 11.4
92 116.0 98.9 148.3

Manual Integrations
APPROVED

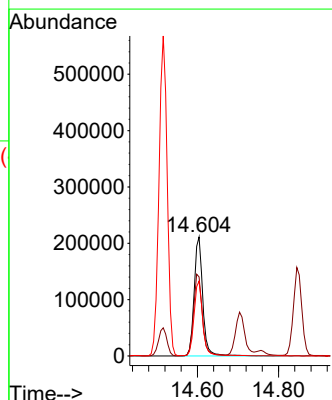
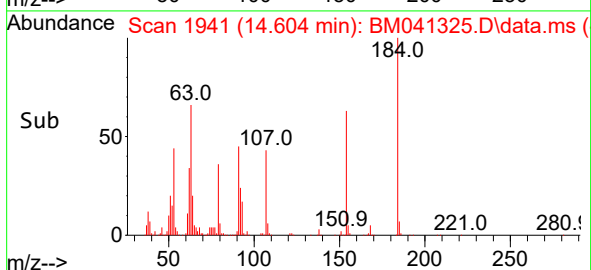
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

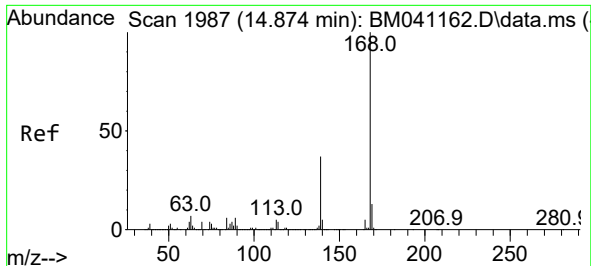


#54
2,4-Dinitrophenol
Concen: 77.401 ng
RT: 14.604 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24



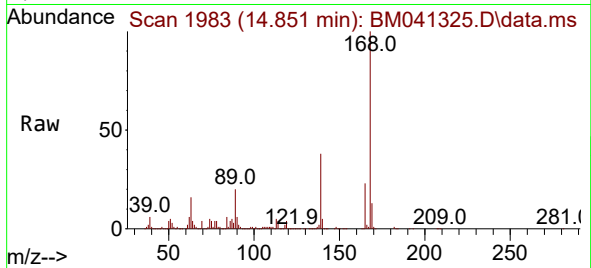
Tgt Ion:184 Resp: 312360
Ion Ratio Lower Upper
184 100
63 66.4 66.5 99.7#
154 62.9 52.8 79.2





#55
Dibenzenofuran
Concen: 35.261 ng
RT: 14.851 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

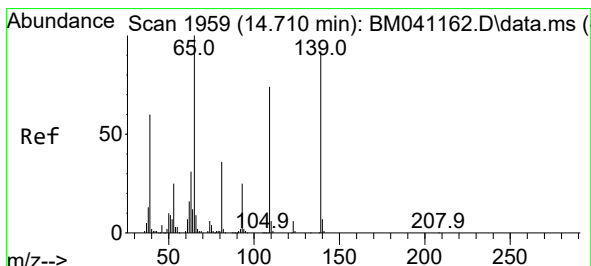
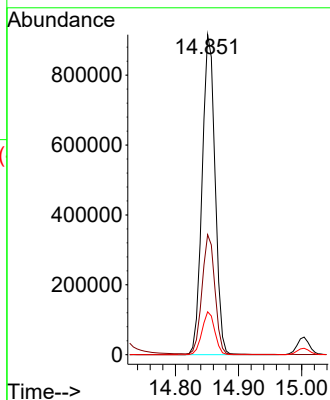
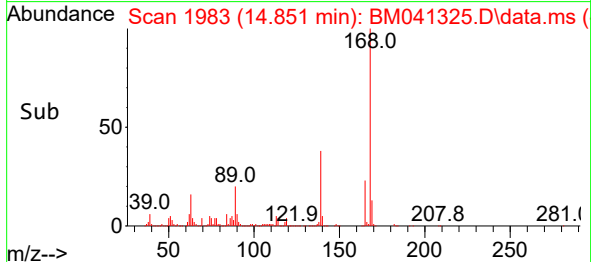
Instrument :
BNA_M
ClientSampleId :
PB154641BSD



Tgt Ion:168 Resp: 130176
Ion Ratio Lower Upper
168 100
139 37.5 29.8 44.6
169 13.4 10.5 15.7

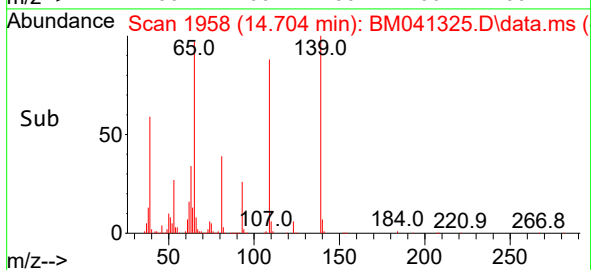
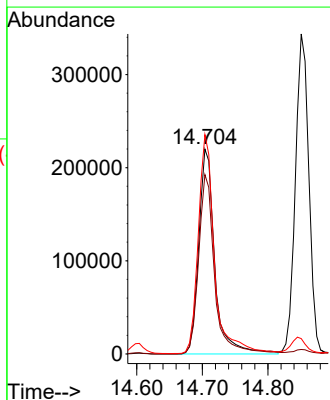
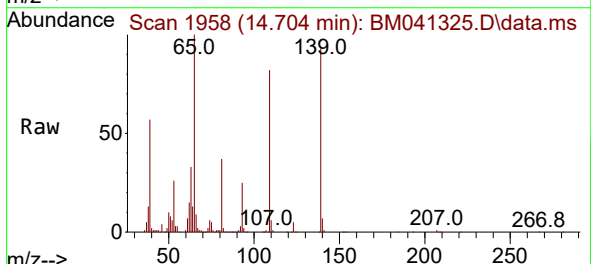
Manual Integrations
APPROVED

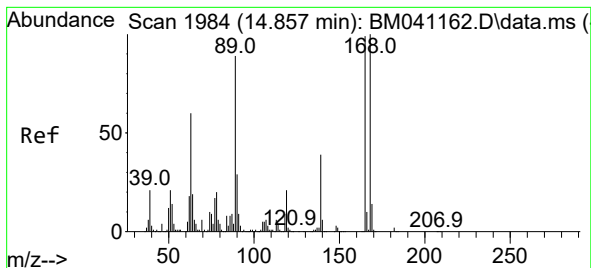
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#56
4-Nitrophenol
Concen: 75.522 ng
RT: 14.704 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

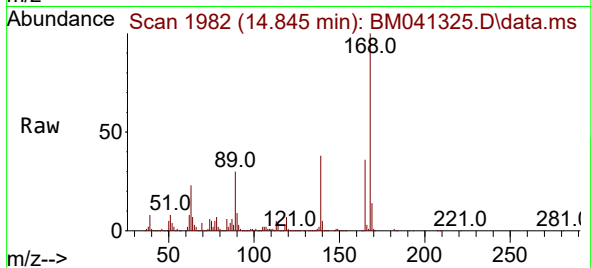
Tgt Ion:139 Resp: 377136
Ion Ratio Lower Upper
139 100
109 87.6 61.2 101.2
65 107.1 89.5 129.5





#57
2,4-Dinitrotoluene
Concen: 37.613 ng
RT: 14.845 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

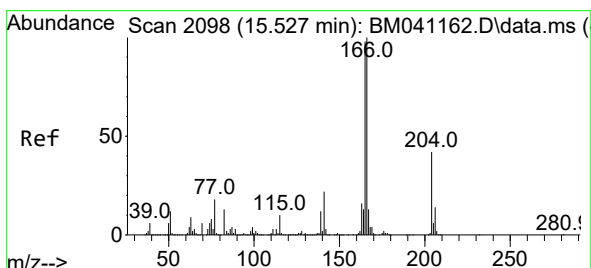
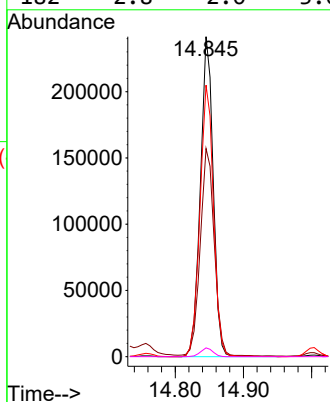
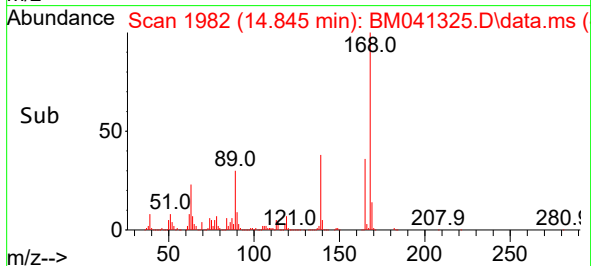
Instrument :
BNA_M
ClientSampleId :
PB154641BSD



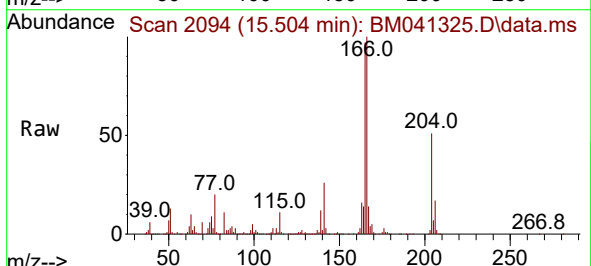
Tgt Ion:165 Resp: 31661
Ion Ratio Lower Upper
165 100
63 65.1 48.3 72.5
89 84.8 71.8 107.8
182 2.8 2.0 3.0

Manual Integrations
APPROVED

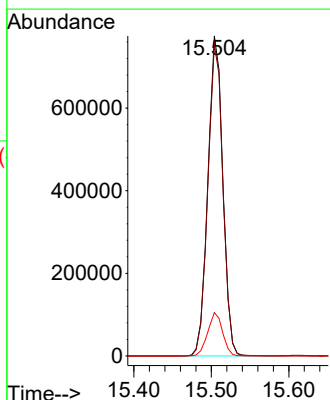
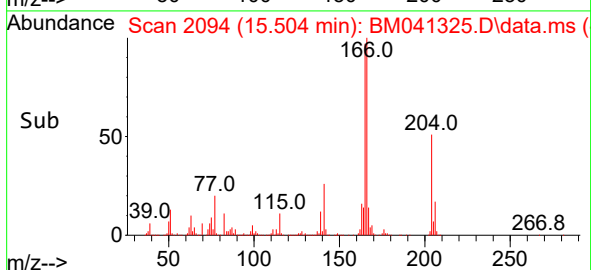
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

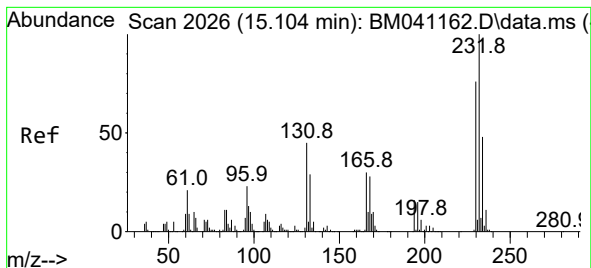


#58
Fluorene
Concen: 35.665 ng
RT: 15.504 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24



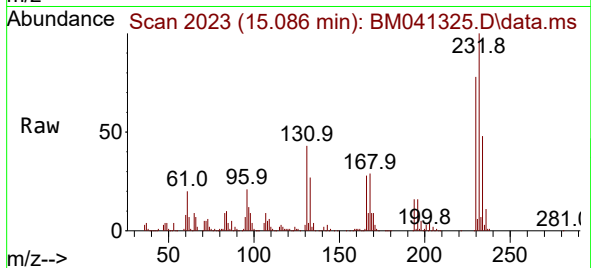
Tgt Ion:166 Resp: 1038713
Ion Ratio Lower Upper
166 100
165 97.3 78.2 117.4
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.816 ng
RT: 15.086 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

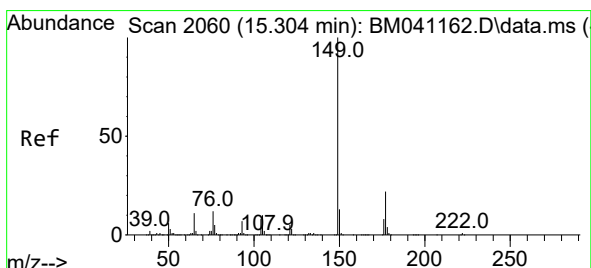
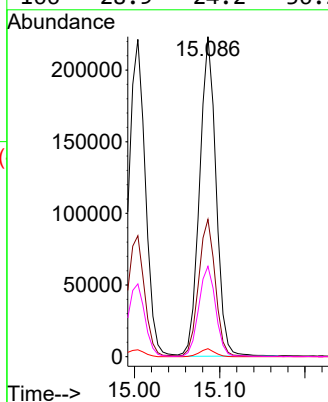
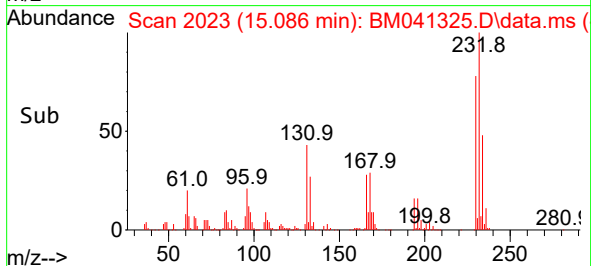
Instrument :
BNA_M
ClientSampleId :
PB154641BSD



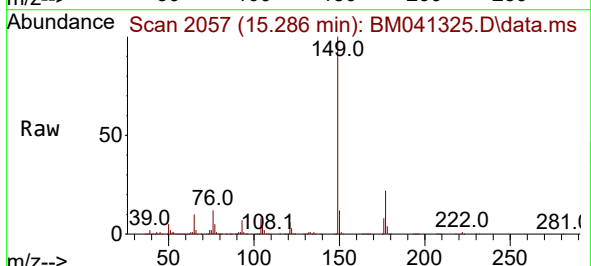
Tgt Ion:232 Resp: 298578
Ion Ratio Lower Upper
232 100
131 43.8 36.9 55.3
130 2.3 2.0 3.0
166 28.9 24.2 36.2

Manual Integrations
APPROVED

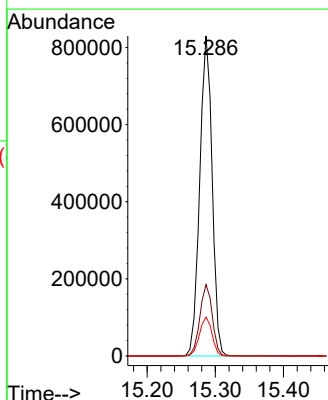
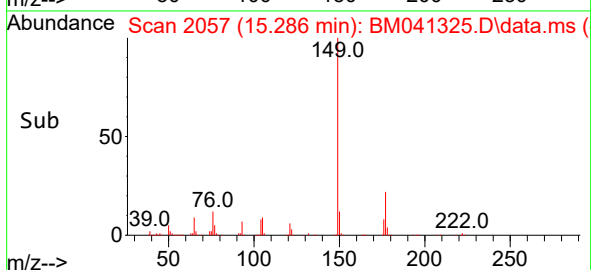
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

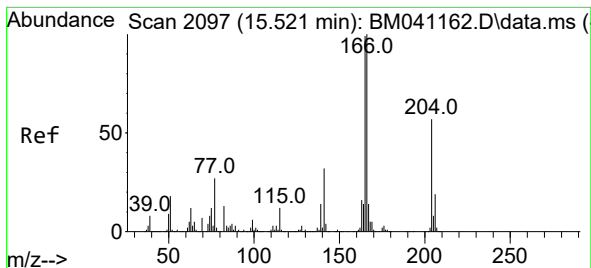


#60
Diethylphthalate
Concen: 37.504 ng
RT: 15.286 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24



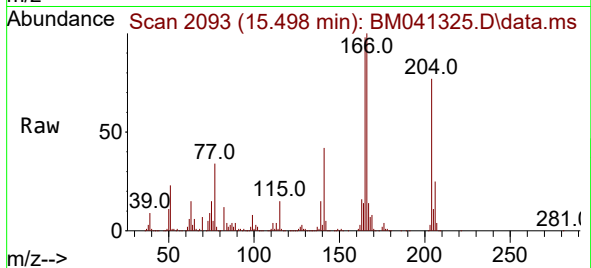
Tgt Ion:149 Resp: 1048799
Ion Ratio Lower Upper
149 100
177 22.3 17.5 26.3
150 12.1 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 37.360 ng
RT: 15.498 min Scan# 2097
Delta R.T. -0.006 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

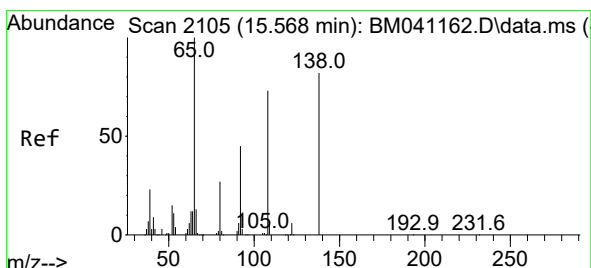
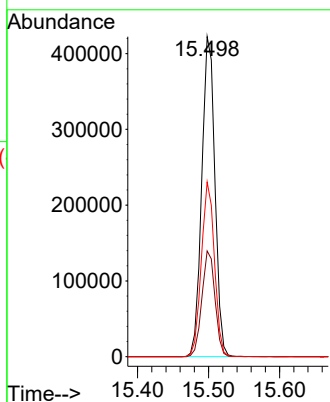
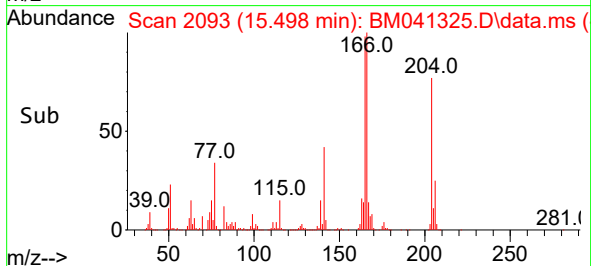
Instrument :
BNA_M
ClientSampleId :
PB154641BSD



Tgt Ion:204 Resp: 545240
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 54.6 44.8 67.2

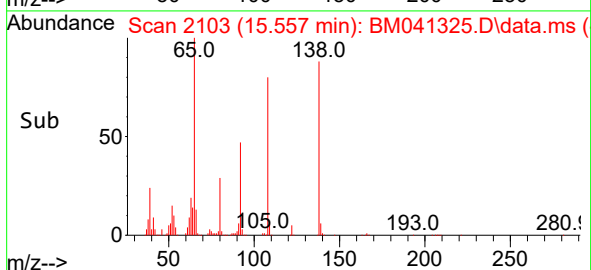
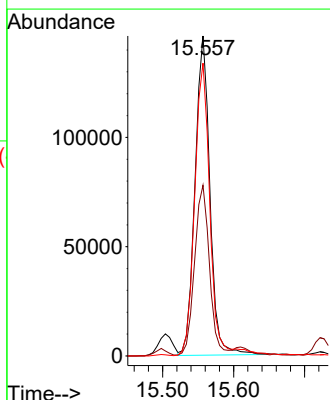
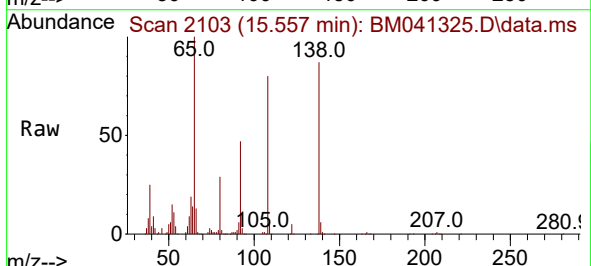
Manual Integrations
APPROVED

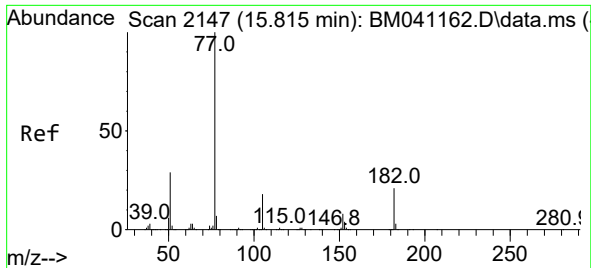
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#62
4-Nitroaniline
Concen: 34.725 ng
RT: 15.557 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

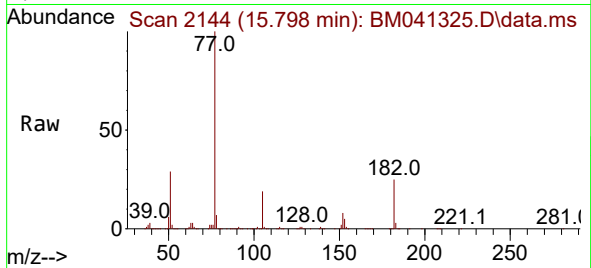
Tgt Ion:138 Resp: 213890
Ion Ratio Lower Upper
138 100
92 53.3 35.1 75.1
108 91.5 67.8 107.8





#63
Azobenzene
Concen: 35.118 ng
RT: 15.798 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

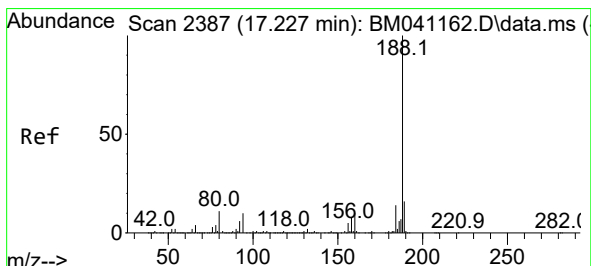
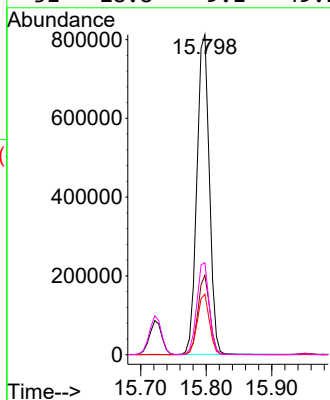
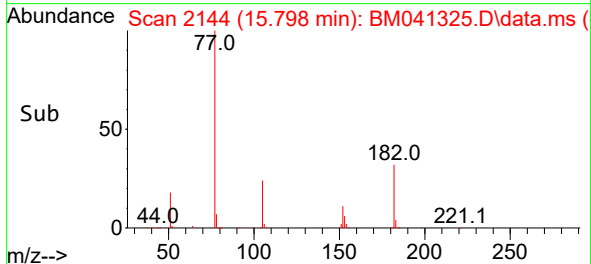
Instrument :
BNA_M
ClientSampleId :
PB154641BSD



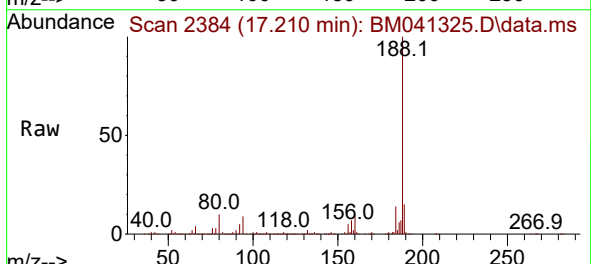
Tgt Ion: 77 Resp: 107575
Ion Ratio Lower Upper
77 100
182 24.8 1.3 41.3
105 18.9 0.0 38.5
51 28.8 9.1 49.1

Manual Integrations
APPROVED

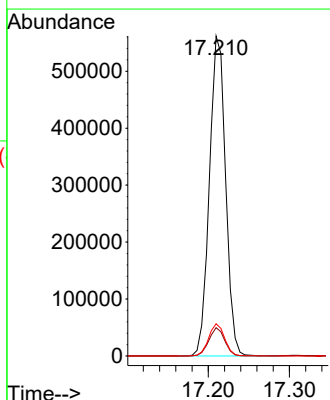
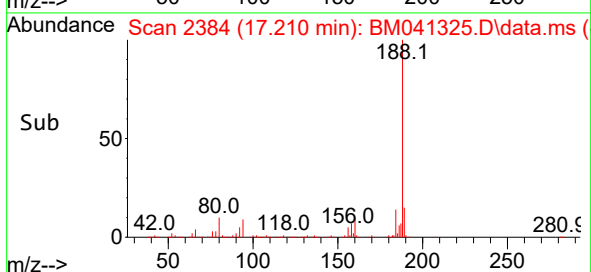
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

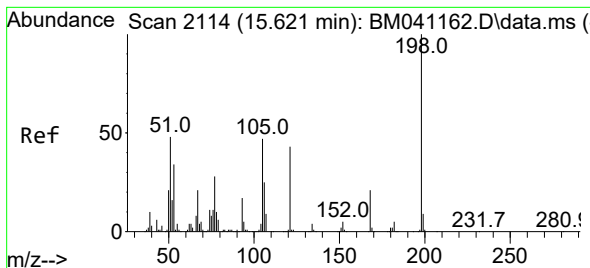


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2384
Delta R.T. -0.006 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24



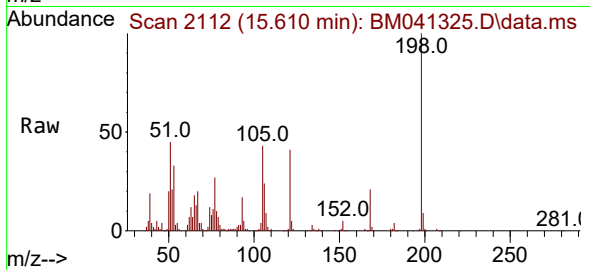
Tgt Ion:188 Resp: 778553
Ion Ratio Lower Upper
188 100
94 8.9 8.2 12.2
80 10.0 8.6 13.0





#65
4,6-Dinitro-2-methylphenol
Concen: 40.447 ng
RT: 15.610 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

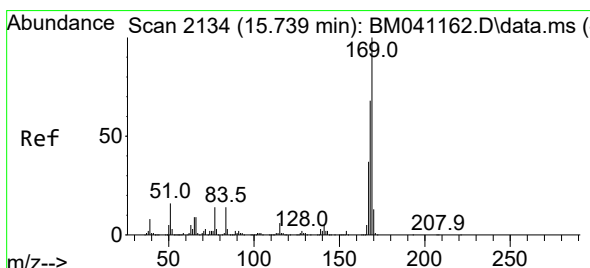
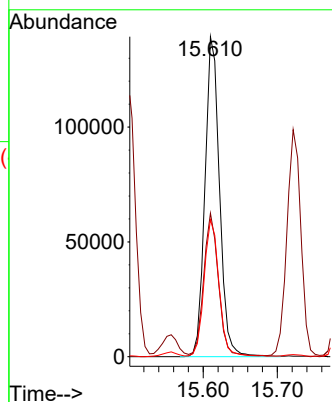
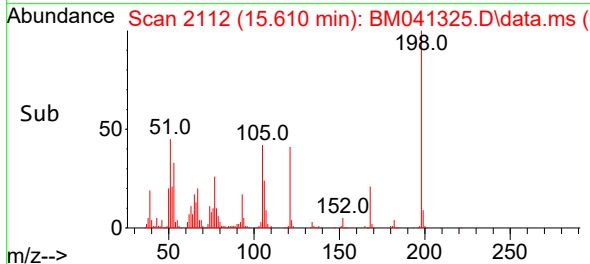
Instrument :
BNA_M
ClientSampleId :
PB154641BSD



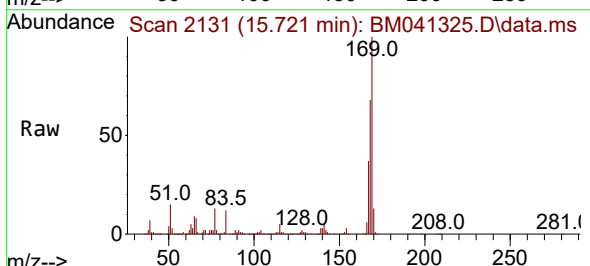
Tgt Ion:198 Resp: 190768
Ion Ratio Lower Upper
198 100
51 44.9 31.7 71.7
105 42.8 27.8 67.8

Manual Integrations
APPROVED

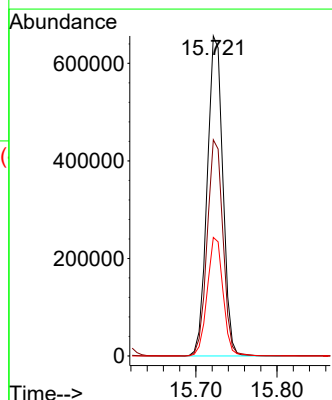
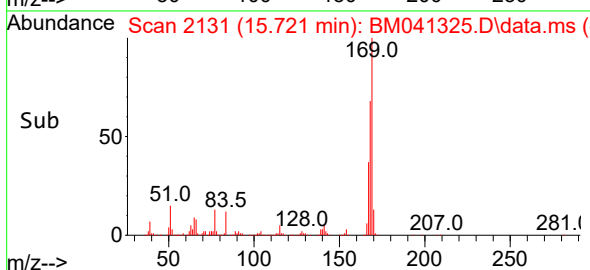
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

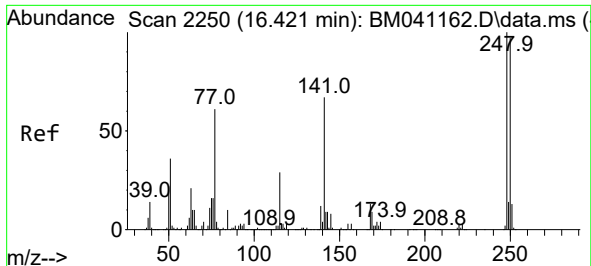


#66
n-Nitrosodiphenylamine
Concen: 36.175 ng
RT: 15.721 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24



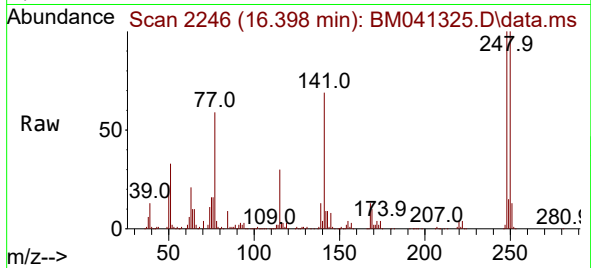
Tgt Ion:169 Resp: 875916
Ion Ratio Lower Upper
169 100
168 67.6 54.6 81.8
167 37.1 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 38.613 ng
RT: 16.398 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

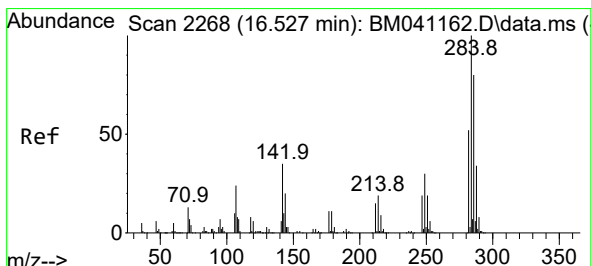
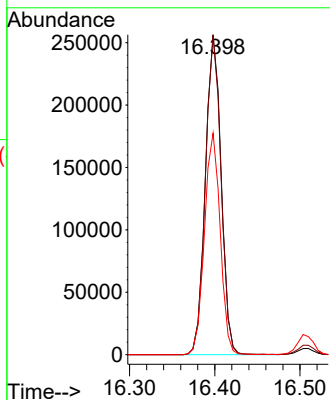
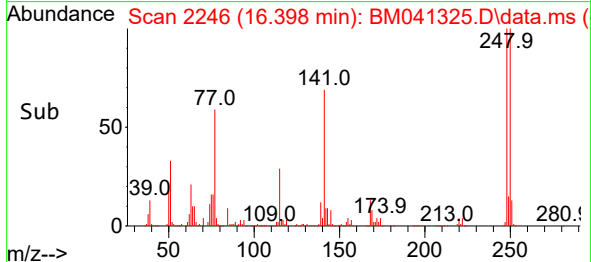
Instrument :
BNA_M
ClientSampleId :
PB154641BSD



Tgt Ion:248 Resp: 329612
Ion Ratio Lower Upper
248 100
250 99.9 78.0 117.0
141 69.3 53.8 80.8

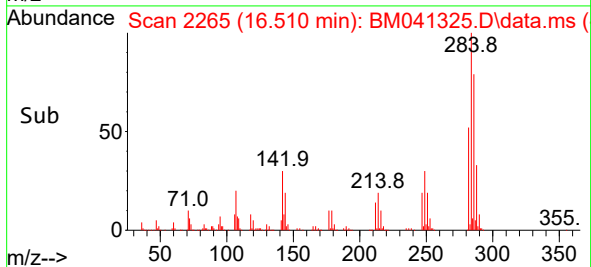
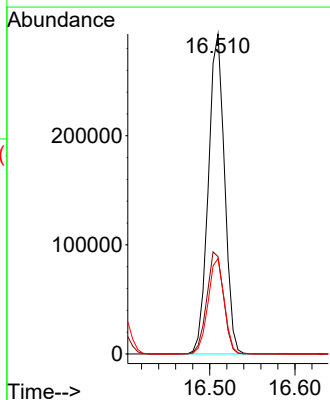
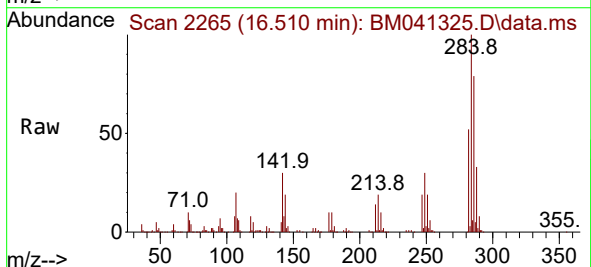
Manual Integrations
APPROVED

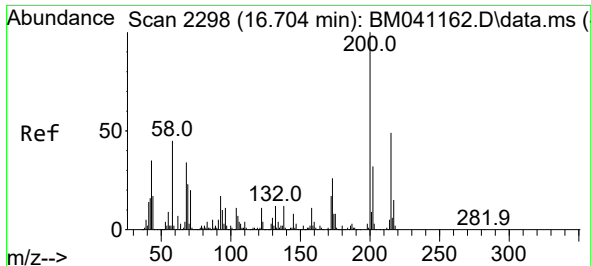
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#68
Hexachlorobenzene
Concen: 40.822 ng
RT: 16.510 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

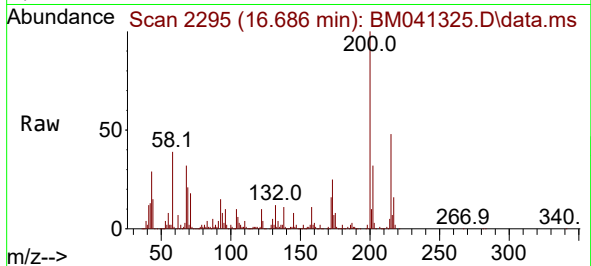
Tgt Ion:284 Resp: 387484
Ion Ratio Lower Upper
284 100
142 30.4 28.0 42.0
249 29.8 23.7 35.5





#69
Atrazine
Concen: 49.778 ng
RT: 16.686 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

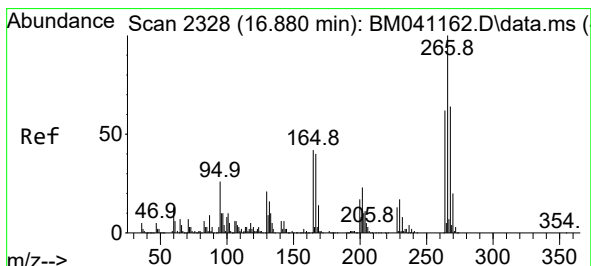
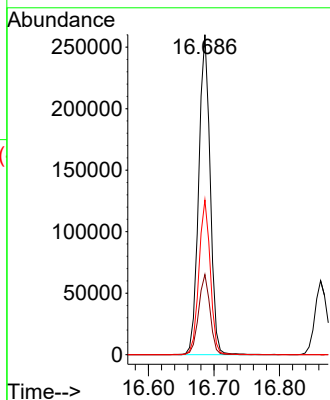
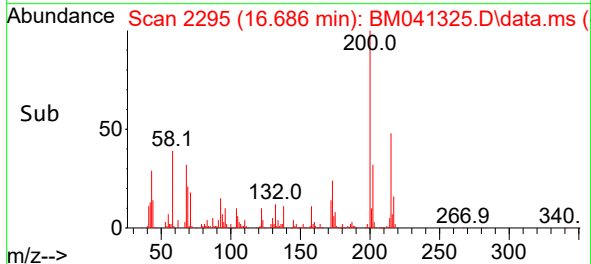
Instrument :
BNA_M
ClientSampleId :
PB154641BSD



Tgt Ion:200 Resp: 31653
Ion Ratio Lower Upper
200 100
173 25.0 5.6 45.6
215 48.3 28.5 68.5

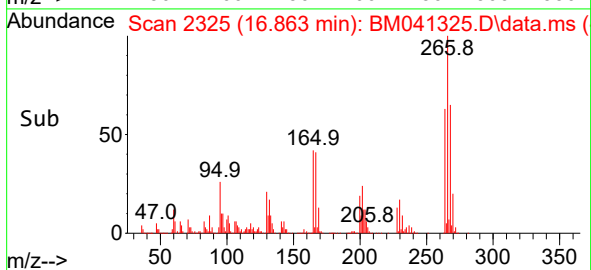
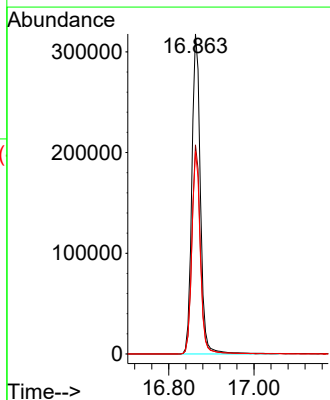
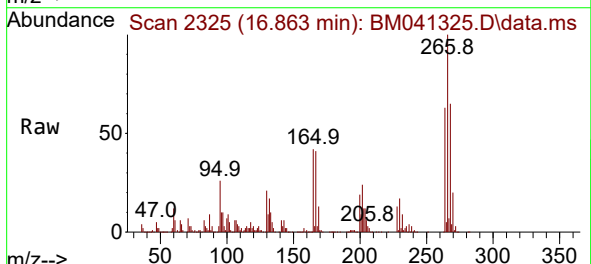
Manual Integrations
APPROVED

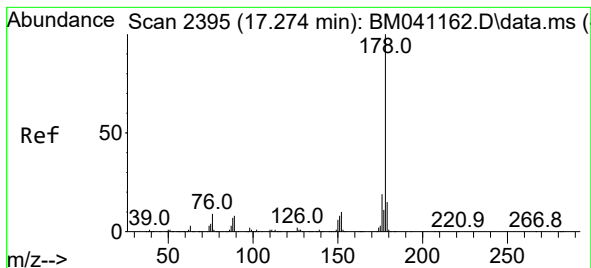
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#70
Pentachlorophenol
Concen: 67.517 ng
RT: 16.863 min Scan# 2325
Delta R.T. -0.006 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

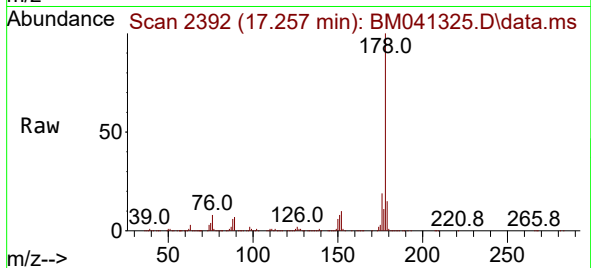
Tgt Ion:266 Resp: 443771
Ion Ratio Lower Upper
266 100
268 65.4 51.0 76.6
264 63.3 49.4 74.2





#71
Phenanthrene
Concen: 36.204 ng
RT: 17.257 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

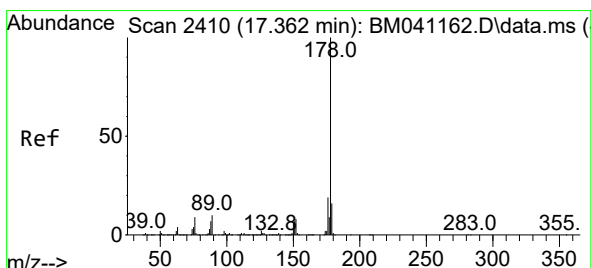
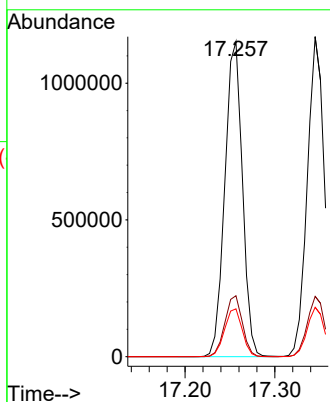
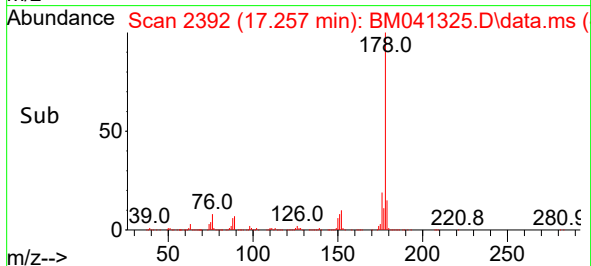
Instrument :
BNA_M
ClientSampleId :
PB154641BSD



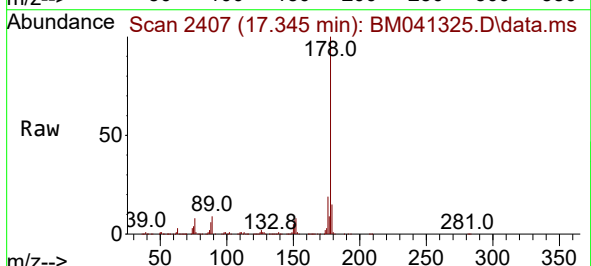
Tgt Ion:178 Resp: 1566072
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.2 12.1 18.1

Manual Integrations
APPROVED

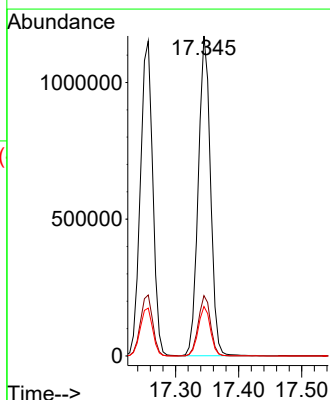
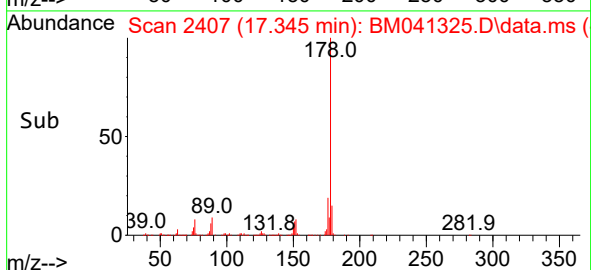
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

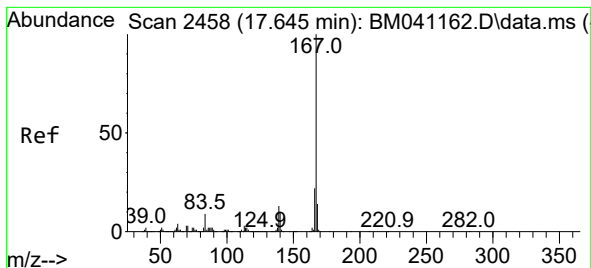


#72
Anthracene
Concen: 36.605 ng
RT: 17.345 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24



Tgt Ion:178 Resp: 1566025
Ion Ratio Lower Upper
178 100
176 18.8 15.2 22.8
179 15.5 12.4 18.6





#73

Carbazole

Concen: 36.756 ng

RT: 17.627 min Scan# 2455

Delta R.T. -0.006 min

Lab File: BM041325.D

Acq: 08 Aug 2023 11:24

Instrument :

BNA_M

ClientSampleId :

PB154641BSD

Tgt Ion:167 Resp: 142325

Ion Ratio Lower Upper

167 100

166 21.4 17.3 25.9

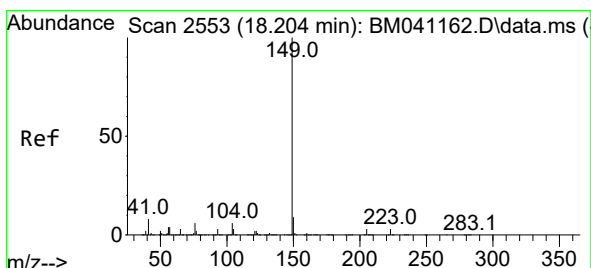
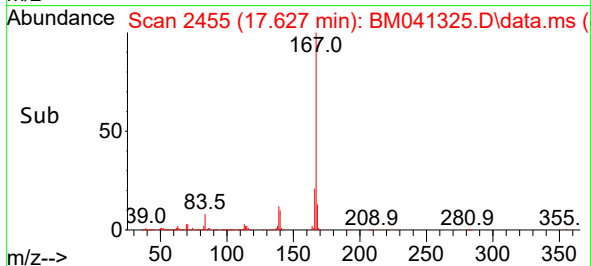
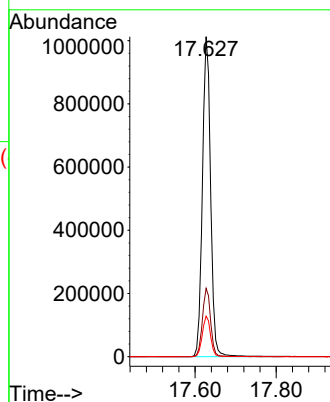
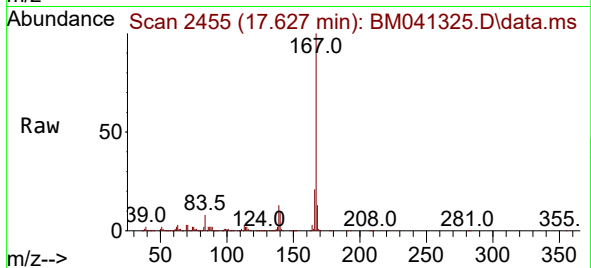
139 12.7 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#74

Di-n-butylphthalate

Concen: 41.157 ng

RT: 18.186 min Scan# 2550

Delta R.T. 0.000 min

Lab File: BM041325.D

Acq: 08 Aug 2023 11:24

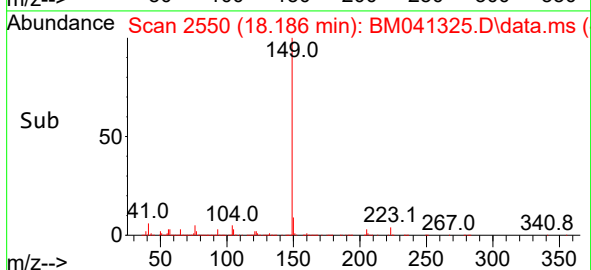
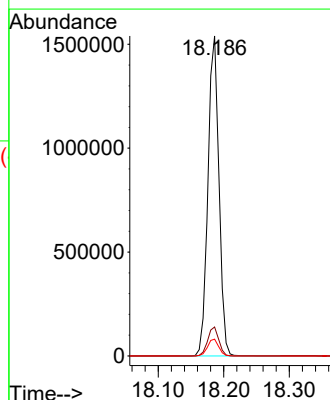
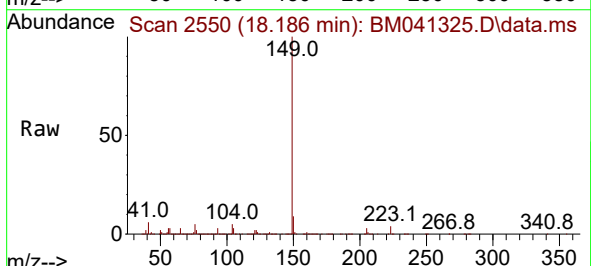
Tgt Ion:149 Resp: 1800889

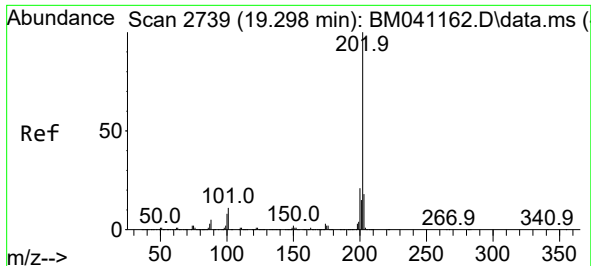
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

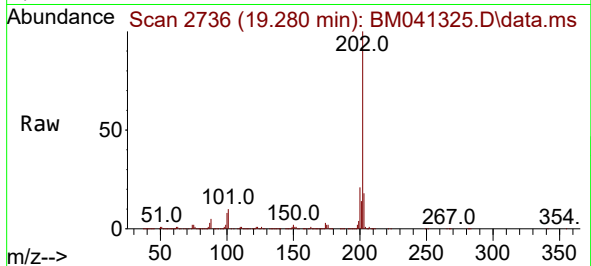
104 5.3 4.5 6.7





#75
Fluoranthene
Concen: 37.439 ng
RT: 19.280 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

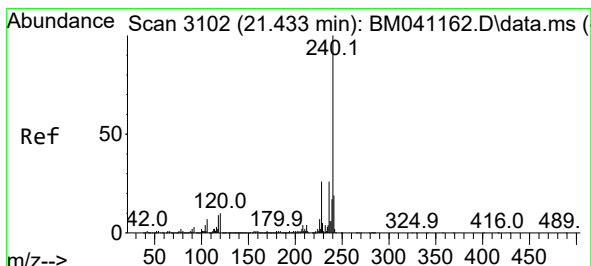
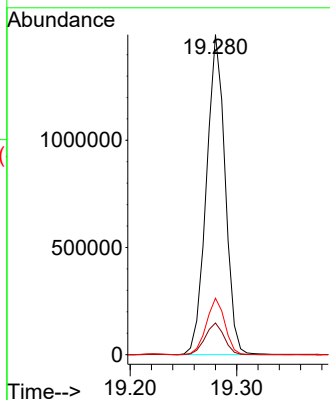
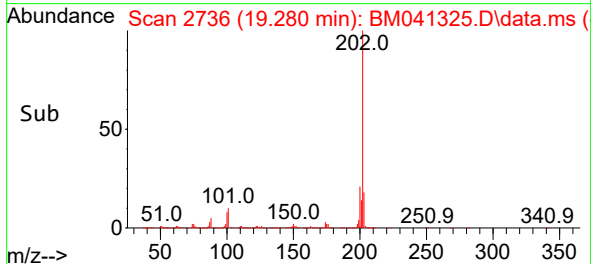
Instrument :
BNA_M
ClientSampleId :
PB154641BSD



Tgt Ion:202 Resp: 181946
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.8
203 17.6 0.0 37.6

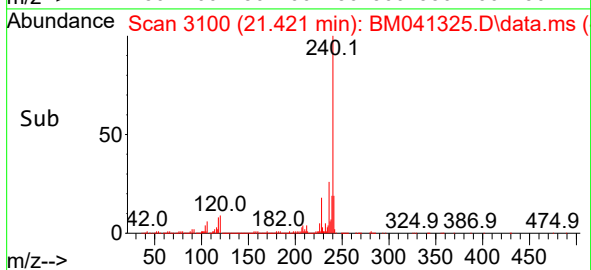
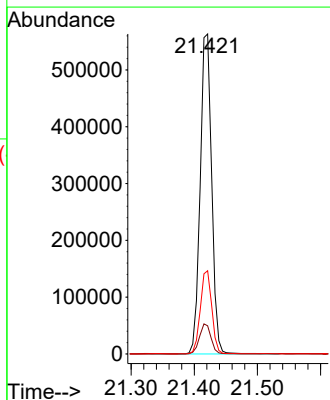
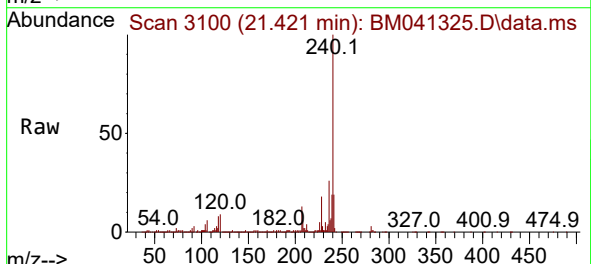
Manual Integrations
APPROVED

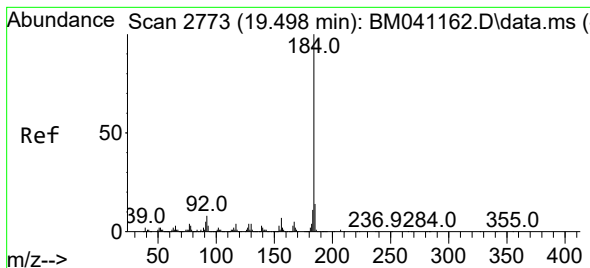
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3100
Delta R.T. 0.000 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

Tgt Ion:240 Resp: 709972
Ion Ratio Lower Upper
240 100
120 8.8 8.3 12.5
236 26.0 20.6 30.8





#77

Benzidine

Concen: 96.822 ng

RT: 19.480 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041325.D

Acq: 08 Aug 2023 11:24

Instrument :

BNA_M

ClientSampleId :

PB154641BSD

Tgt Ion:184 Resp: 936930

Ion Ratio Lower Upper

184 100

185 14.1 11.4 17.0

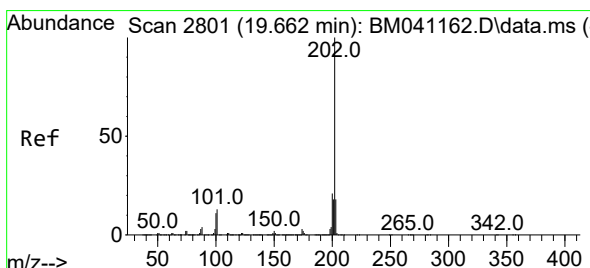
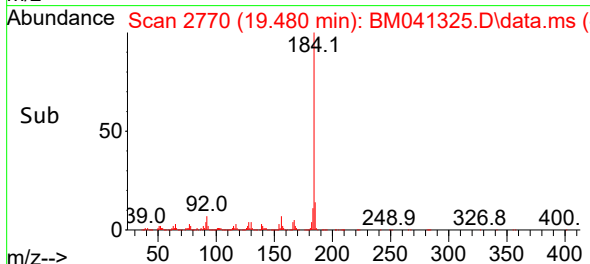
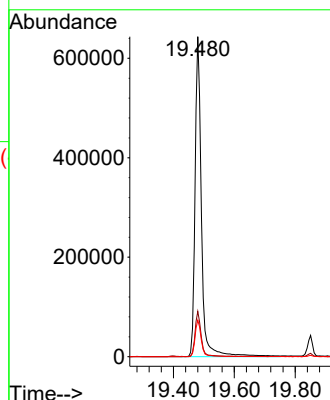
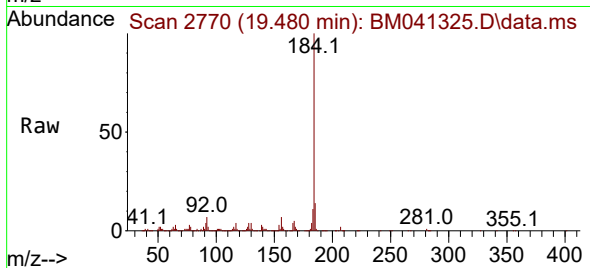
183 11.4 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#78

Pyrene

Concen: 38.233 ng

RT: 19.645 min Scan# 2798

Delta R.T. 0.000 min

Lab File: BM041325.D

Acq: 08 Aug 2023 11:24

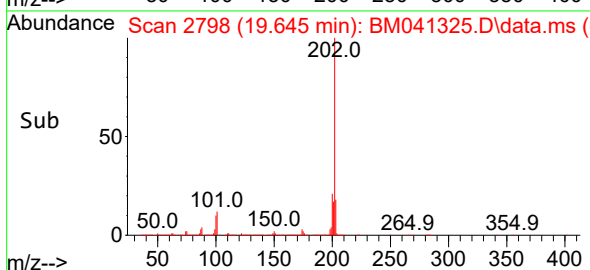
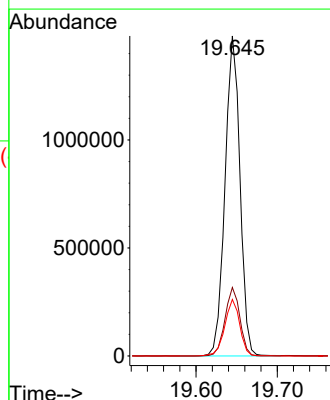
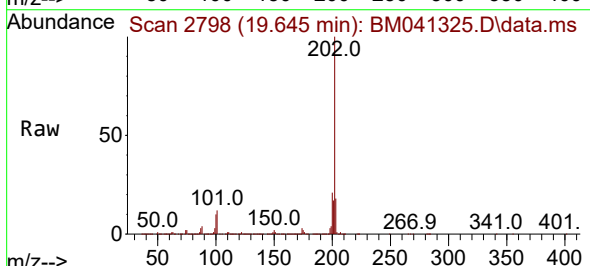
Tgt Ion:202 Resp: 1898246

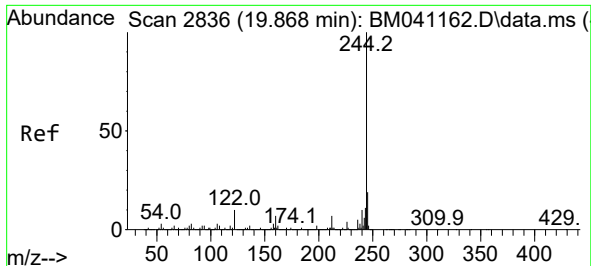
Ion Ratio Lower Upper

202 100

200 21.4 16.9 25.3

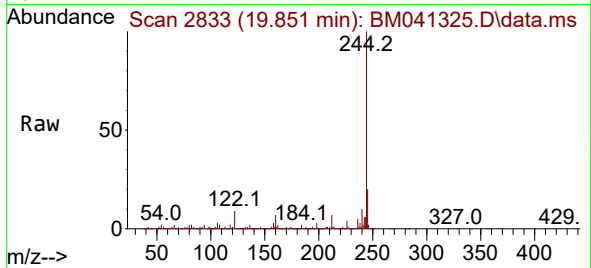
203 17.7 14.1 21.1





#79
 Terphenyl-d14
 Concen: 78.898 ng
 RT: 19.851 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM041325.D
 Acq: 08 Aug 2023 11:24

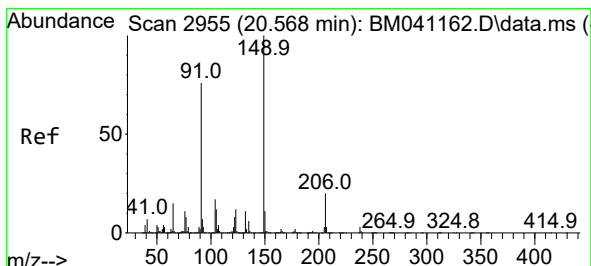
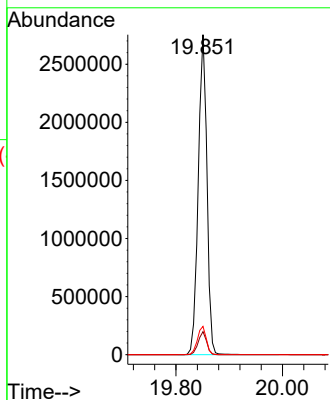
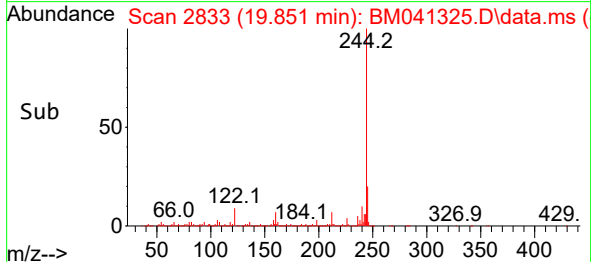
Instrument :
 BNA_M
 ClientSampleId :
 PB154641BSD



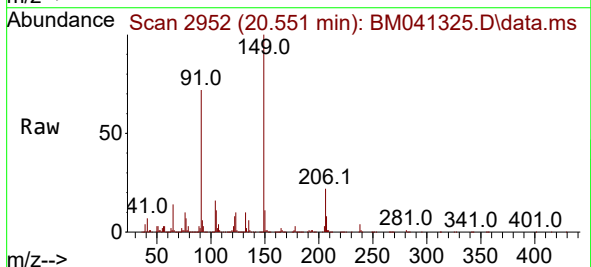
Tgt Ion:244 Resp: 3098114
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 8.9 7.8 11.6

Manual Integrations
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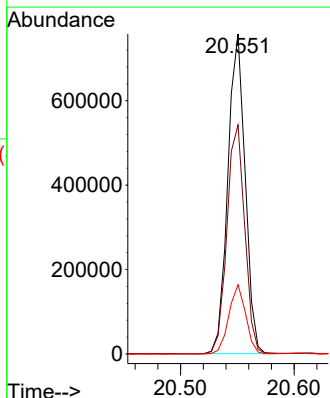
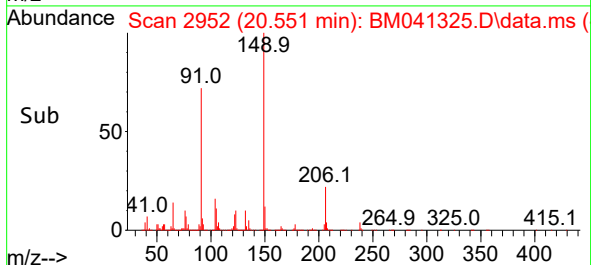
Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :mohammad ahmed 08/09/2023

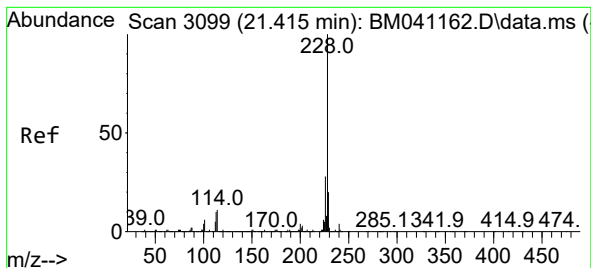


#80
 Butylbenzylphthalate
 Concen: 44.236 ng
 RT: 20.551 min Scan# 2952
 Delta R.T. 0.000 min
 Lab File: BM041325.D
 Acq: 08 Aug 2023 11:24



Tgt Ion:149 Resp: 802051
 Ion Ratio Lower Upper
 149 100
 91 71.5 60.8 91.2
 206 21.6 16.4 24.6





#81

Benzo(a)anthracene

Concen: 38.661 ng

RT: 21.403 min Scan# 3099

Delta R.T. 0.000 min

Lab File: BM041325.D

Acq: 08 Aug 2023 11:24

Instrument :

BNA_M

ClientSampleId :

PB154641BSD

Tgt Ion:228 Resp: 1860749

Ion Ratio Lower Upper

228 100

226 27.3 22.4 33.6

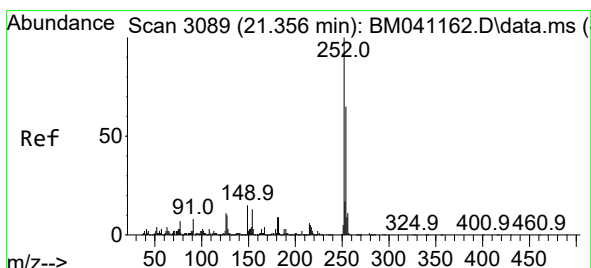
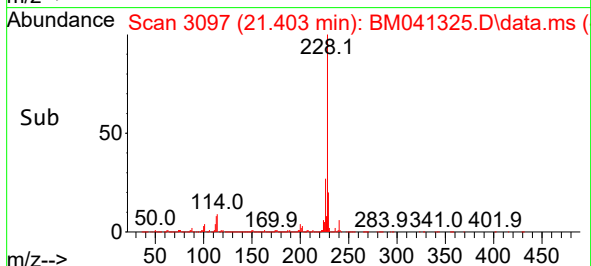
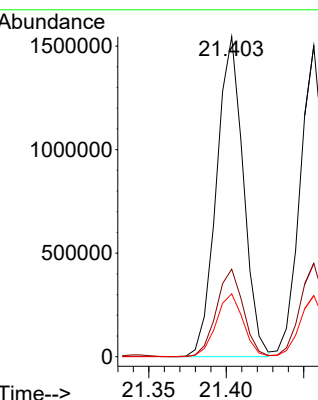
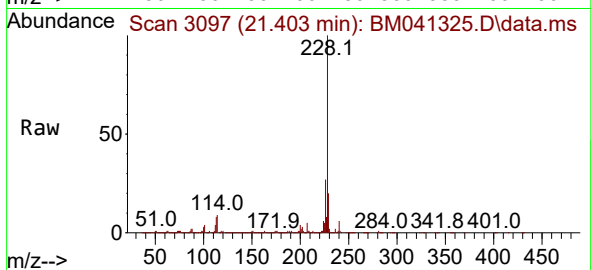
229 19.7 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#82

3,3'-Dichlorobenzidine

Concen: 42.517 ng

RT: 21.345 min Scan# 3087

Delta R.T. 0.000 min

Lab File: BM041325.D

Acq: 08 Aug 2023 11:24

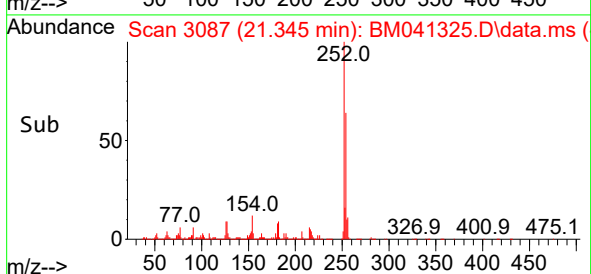
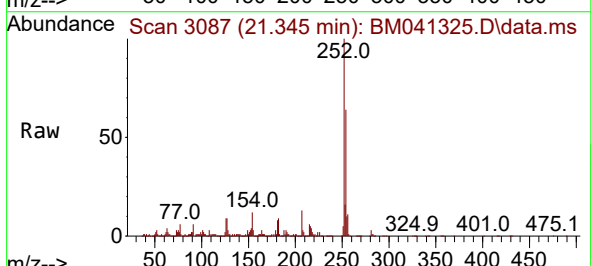
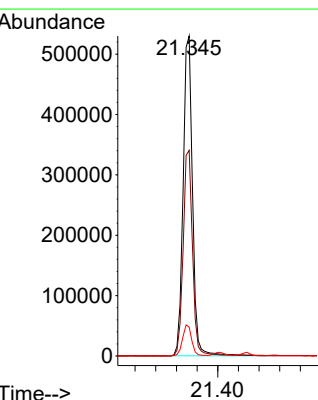
Tgt Ion:252 Resp: 667746

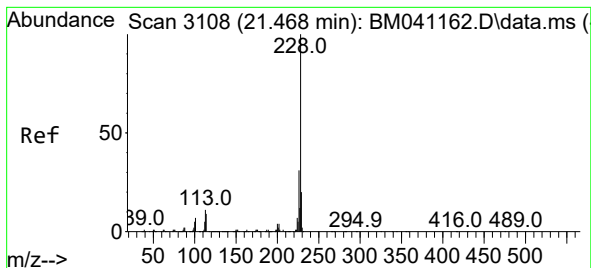
Ion Ratio Lower Upper

252 100

254 64.3 51.8 77.6

126 9.0 8.6 13.0





#83

Chrysene

Concen: 36.799 ng

RT: 21.456 min Scan# 3108

Delta R.T. 0.000 min

Lab File: BM041325.D

Acq: 08 Aug 2023 11:24

Instrument :

BNA_M

ClientSampleId :

PB154641BSD

Tgt Ion:228 Resp: 171312

Ion Ratio Lower Upper

228 100

226 30.0 24.5 36.7

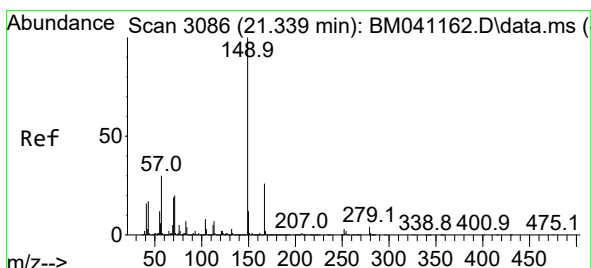
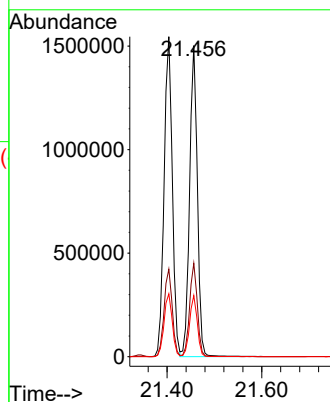
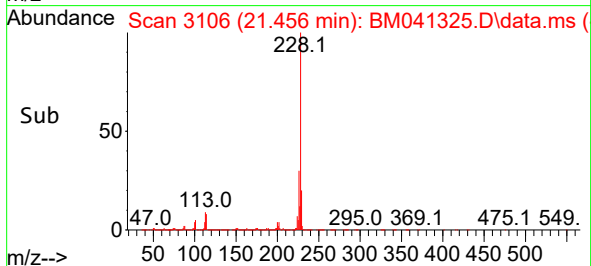
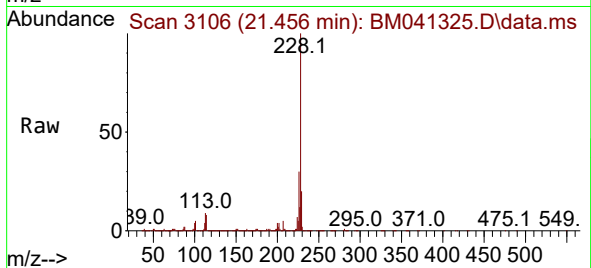
229 19.6 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.383 ng

RT: 21.321 min Scan# 3083

Delta R.T. -0.006 min

Lab File: BM041325.D

Acq: 08 Aug 2023 11:24

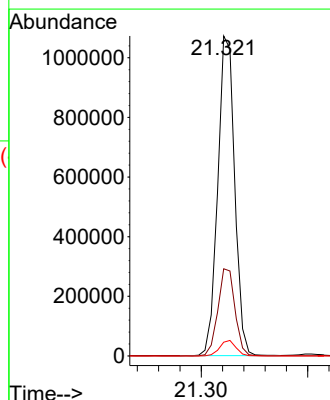
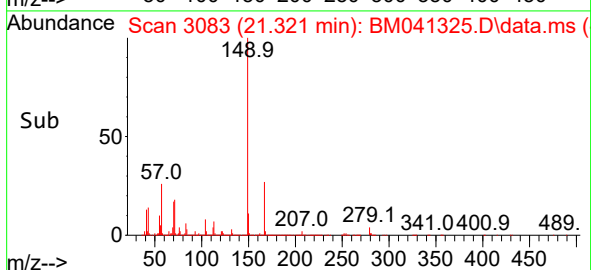
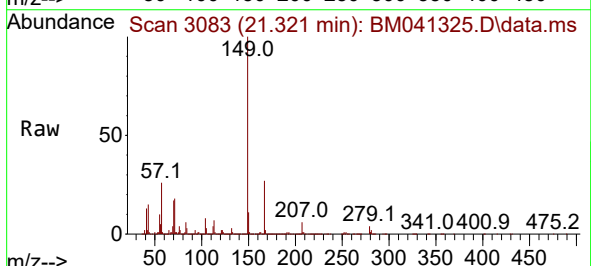
Tgt Ion:149 Resp: 1180912

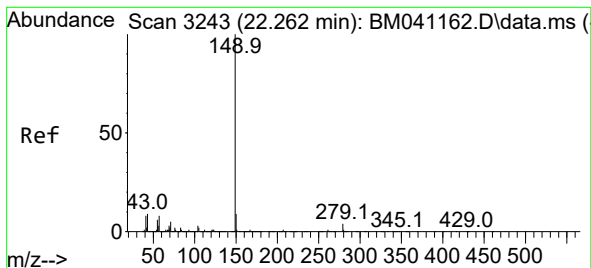
Ion Ratio Lower Upper

149 100

167 27.2 21.0 31.6

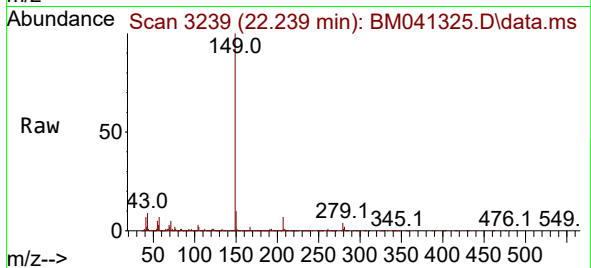
279 4.3 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 43.839 ng
RT: 22.239 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

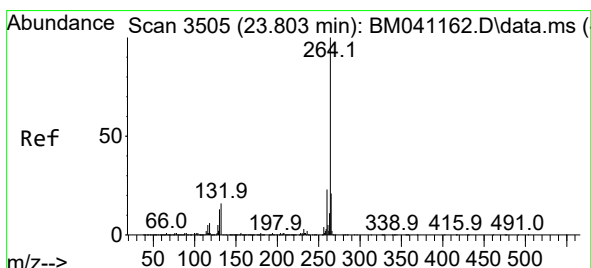
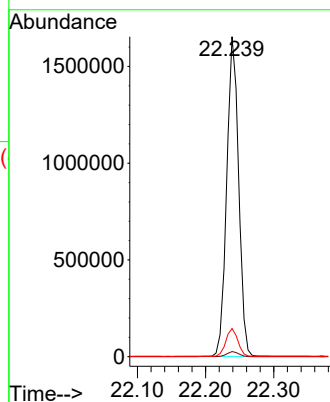
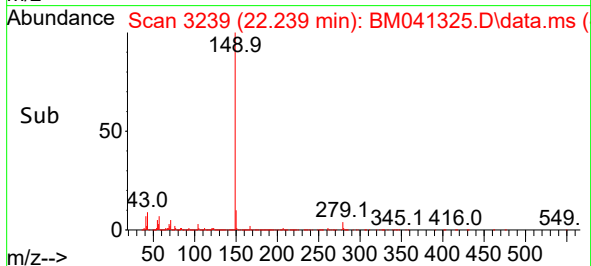
Instrument :
BNA_M
ClientSampleId :
PB154641BSD



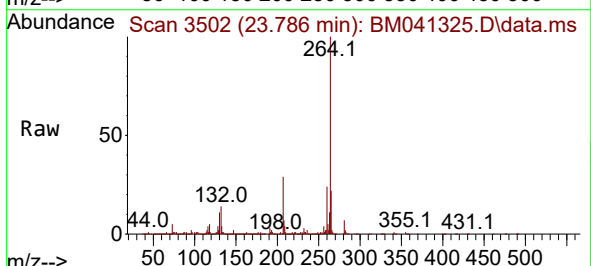
Tgt Ion:149 Resp: 2008839
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.8 8.3 12.5

Manual Integrations
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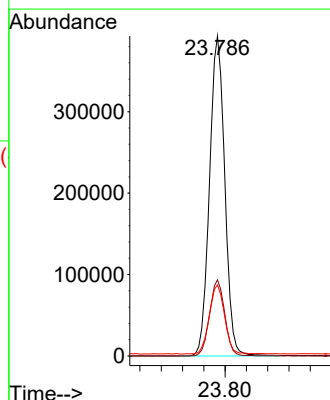
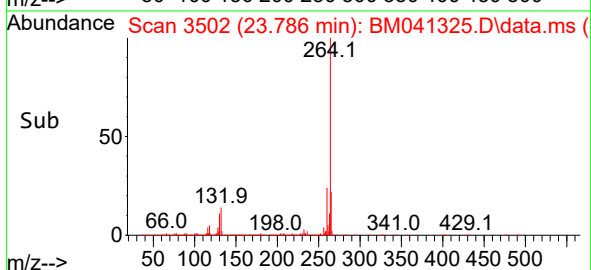
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

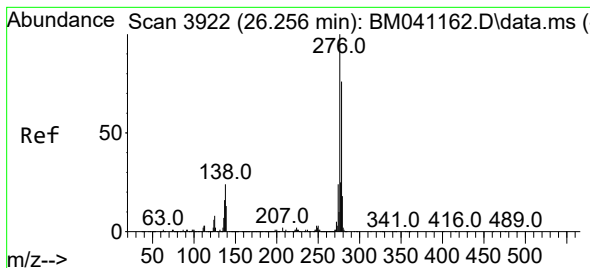


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.786 min Scan# 3502
Delta R.T. 0.000 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24



Tgt Ion:264 Resp: 781818
Ion Ratio Lower Upper
264 100
260 23.8 18.5 27.7
265 22.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.621 ng

RT: 26.244 min Scan# 3922

Delta R.T. 0.000 min

Lab File: BM041325.D

Acq: 08 Aug 2023 11:24

Instrument :

BNA_M

ClientSampleId :

PB154641BSD

Tgt Ion:276 Resp: 210500

Ion Ratio Lower Upper

276 100

138 21.4 20.0 30.0

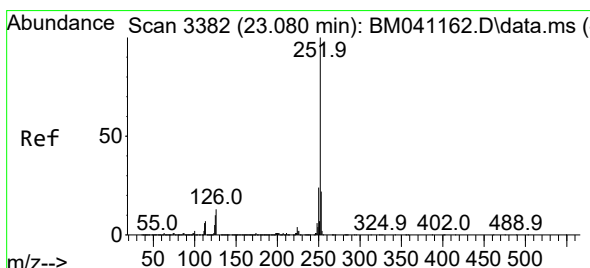
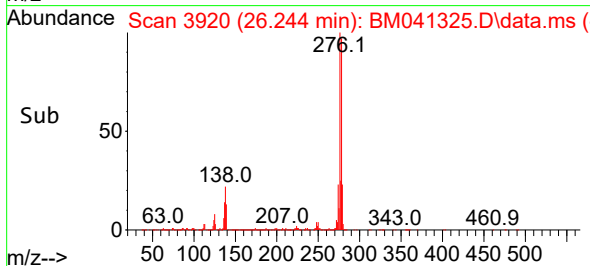
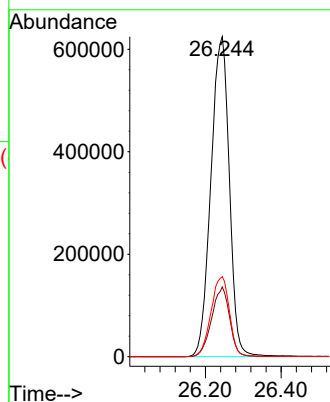
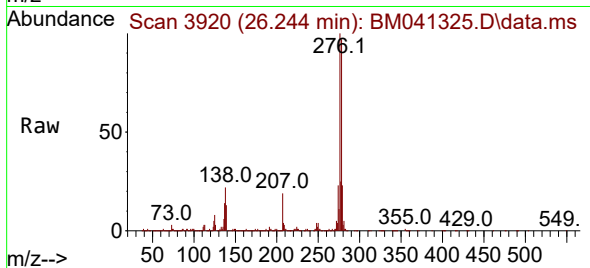
277 25.2 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#88

Benzo(b)fluoranthene

Concen: 40.415 ng

RT: 23.068 min Scan# 3380

Delta R.T. -0.006 min

Lab File: BM041325.D

Acq: 08 Aug 2023 11:24

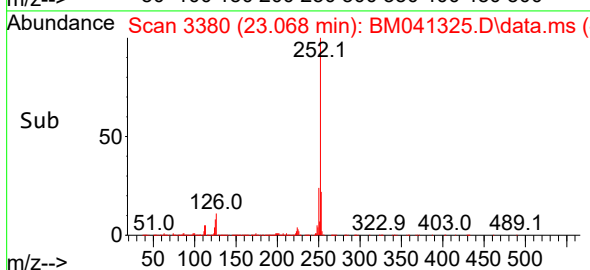
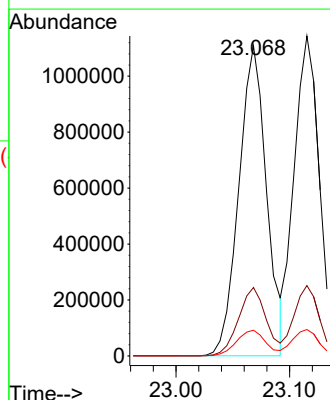
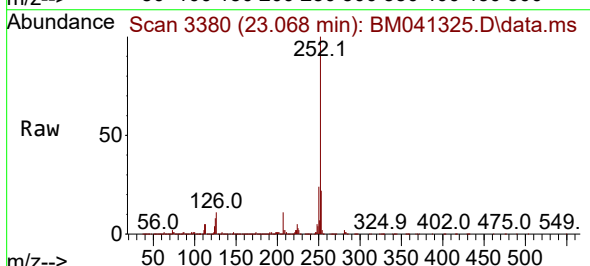
Tgt Ion:252 Resp: 1877088

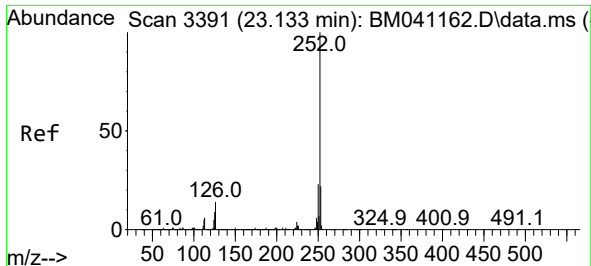
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 8.3 8.2 12.4





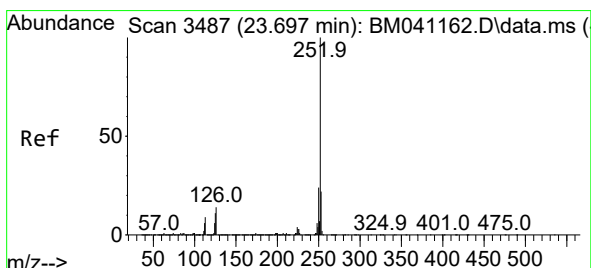
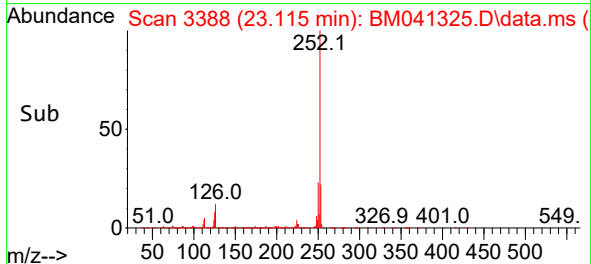
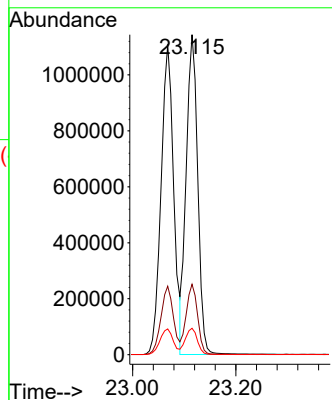
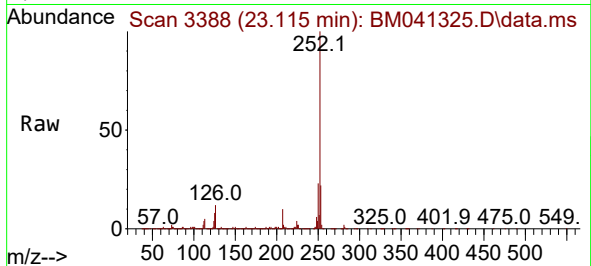
#89
Benzo(k)fluoranthene
Concen: 37.334 ng
RT: 23.115 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

Instrument :
BNA_M
ClientSampleId :
PB154641BSD

Tgt Ion:252 Resp: 1773690
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 8.3 7.6 11.4

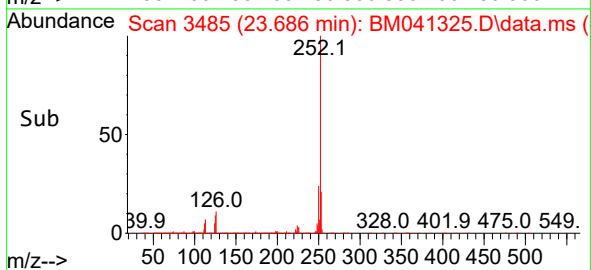
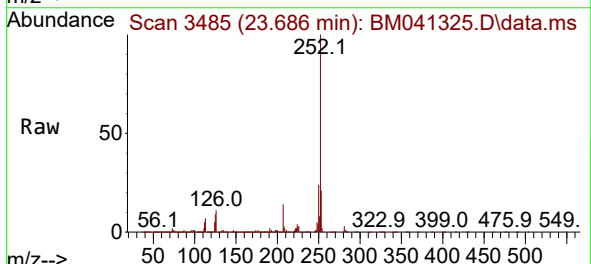
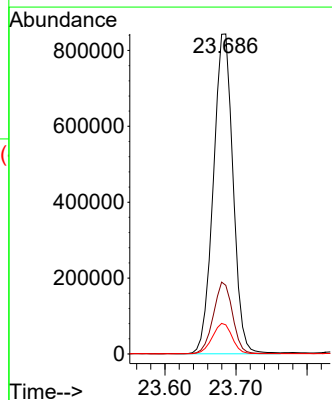
Manual Integrations
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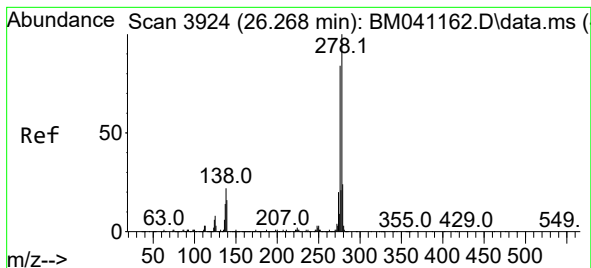
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#90
Benzo(a)pyrene
Concen: 36.302 ng
RT: 23.686 min Scan# 3485
Delta R.T. 0.000 min
Lab File: BM041325.D
Acq: 08 Aug 2023 11:24

Tgt Ion:252 Resp: 1620048
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 9.1 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 37.341 ng

RT: 26.250 min Scan# 3924

Delta R.T. -0.006 min

Lab File: BM041325.D

Acq: 08 Aug 2023 11:24

Instrument :

BNA_M

ClientSampleId :

PB154641BSD

Tgt Ion:278 Resp: 1790240

Ion Ratio Lower Upper

278 100

139 12.7 12.7 19.1

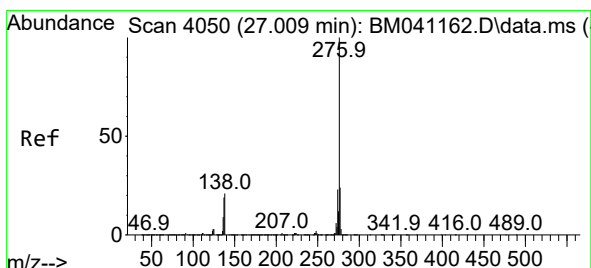
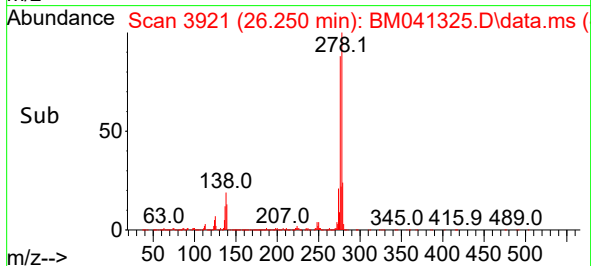
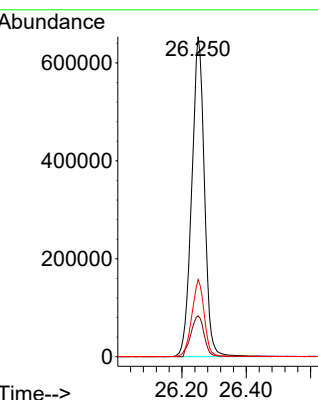
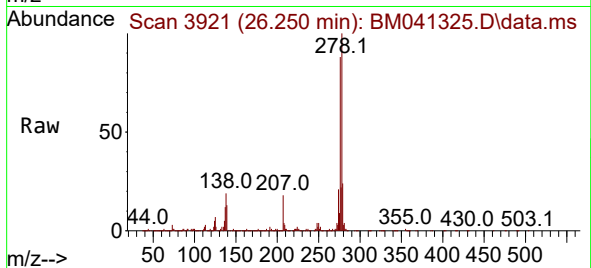
279 24.1 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#92

Benzo(g,h,i)perylene

Concen: 35.389 ng

RT: 26.991 min Scan# 4047

Delta R.T. -0.006 min

Lab File: BM041325.D

Acq: 08 Aug 2023 11:24

Tgt Ion:276 Resp: 1660168

Ion Ratio Lower Upper

276 100

277 24.1 19.1 28.7

138 18.4 17.1 25.7

