

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
 Data File : BM041356.D
 Acq On : 10 Aug 2023 10:33
 Operator : MA/JU
 Sample : PB154720BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154720BSD

Quant Time: Aug 11 03:30:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 09 12:20:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/11/2023
 Supervised By :mohammad ahmed 08/11/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	134601	20.000	ng	0.00
21) Naphthalene-d8	10.586	136	571012	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	388141	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	882007	20.000	ng	0.00
76) Chrysene-d12	21.415	240	916470	20.000	ng	0.00
86) Perylene-d12	23.780	264	1081312	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	917590	101.888	ng	0.00
7) Phenol-d6	6.969	99	1193897	102.271	ng	0.00
23) Nitrobenzene-d5	8.957	82	1140115	92.854	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	612823	111.624	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	2770436	90.167	ng	0.00
79) Terphenyl-d14	19.850	244	5118042	100.971	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.251	88	143184	37.165	ng	94
3) Pyridine	3.657	79	363464	35.880	ng	96
4) n-Nitrosodimethylamine	3.575	42	206953	44.173	ng	94
6) Aniline	7.116	93	476601	34.886	ng	98
8) 2-Chlorophenol	7.345	128	498036	56.647	ng	98
9) Benzaldehyde	6.928	77	237661m	38.583	ng	
10) Phenol	6.992	94	640473	56.805	ng	96
11) bis(2-Chloroethyl)ether	7.216	93	458197	50.204	ng	96
12) 1,3-Dichlorobenzene	7.663	146	502692	52.527	ng	97
13) 1,4-Dichlorobenzene	7.816	146	511461	53.171	ng	99
14) 1,2-Dichlorobenzene	8.128	146	496792	53.864	ng	98
15) Benzyl Alcohol	8.039	79	469451	63.679	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.316	45	559649	46.023	ng	94
17) 2-Methylphenol	8.245	107	434841	56.451	ng	98
18) Hexachloroethane	8.845	117	192863	53.855	ng	# 88
19) n-Nitroso-di-n-propyla...	8.604	70	403041	56.842	ng	95
20) 3+4-Methylphenols	8.575	107	590807	57.363	ng	98
22) Acetophenone	8.622	105	741880	49.057	ng	# 98
24) Nitrobenzene	9.004	77	582023	46.873	ng	100
25) Isophorone	9.528	82	1101530	52.848	ng	98
26) 2-Nitrophenol	9.710	139	274372	56.523	ng	94
27) 2,4-Dimethylphenol	9.775	122	447811	52.427	ng	98
28) bis(2-Chloroethoxy)met...	10.010	93	642522	49.212	ng	100
29) 2,4-Dichlorophenol	10.245	162	513814	59.650	ng	100
30) 1,2,4-Trichlorobenzene	10.445	180	518324	54.463	ng	98
31) Naphthalene	10.633	128	1482885	47.856	ng	99
32) Benzoic acid	9.969	122	364192	55.463	ng	97
33) 4-Chloroaniline	10.769	127	258590	20.882	ng	99
34) Hexachlorobutadiene	10.898	225	325629	56.890	ng	99
35) Caprolactam	11.598	113	164018m	65.823	ng	
36) 4-Chloro-3-methylphenol	11.904	107	553077	61.004	ng	98
37) 2-Methylnaphthalene	12.257	142	1061563	50.816	ng	98
38) 1-Methylnaphthalene	12.474	142	1029028	52.630	ng	99
40) 1,2,4,5-Tetrachloroben...	12.627	216	615569	48.842	ng	# 98
41) Hexachlorocyclopentadiene	12.586	237	672296	100.828	ng	98
43) 2,4,6-Trichlorophenol	12.880	196	454199	56.227	ng	99

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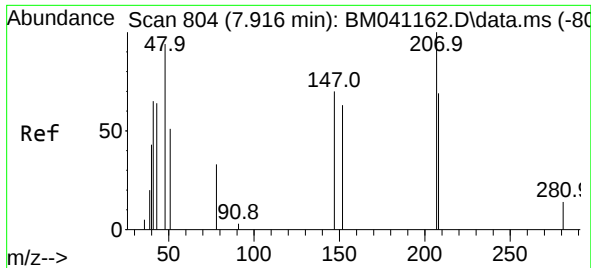
Manual Integrations
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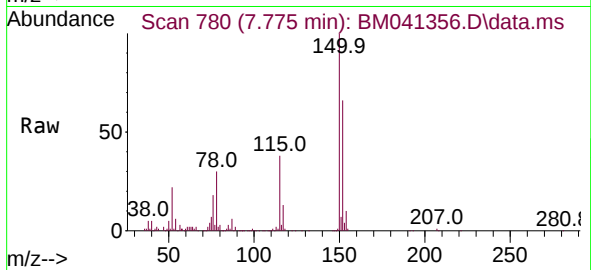
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	496872	53.143	ng	96
46) 1,1'-Biphenyl	13.274	154	1465279	46.567	ng	99
47) 2-Chloronaphthalene	13.316	162	1148826	48.897	ng	99
48) 2-Nitroaniline	13.545	65	374585	49.948	ng	98
49) Acenaphthylene	14.168	152	1906776	50.281	ng	100
50) Dimethylphthalate	13.921	163	1547627	53.007	ng	99
51) 2,6-Dinitrotoluene	14.051	165	338671	55.983	ng	96
52) Acenaphthene	14.510	154	1094859	47.924	ng	100
53) 3-Nitroaniline	14.380	138	237082	34.626	ng	98
54) 2,4-Dinitrophenol	14.598	184	475841	113.817	ng	91
55) Dibenzofuran	14.851	168	1837174	49.289	ng	100
56) 4-Nitrophenol	14.710	139	515233	102.192	ng	93
57) 2,4-Dinitrotoluene	14.845	165	481579	55.313	ng	95
58) Fluorene	15.504	166	1503191	51.121	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.080	232	459550	60.698	ng	95
60) Diethylphthalate	15.286	149	1562749	55.349	ng	98
61) 4-Chlorophenyl-phenyle...	15.498	204	793406	53.845	ng	97
62) 4-Nitroaniline	15.557	138	298235	46.376	ng	94
63) Azobenzene	15.792	77	1561913	50.502	ng	97
65) 4,6-Dinitro-2-methylph...	15.610	198	304210	56.935	ng	87
66) n-Nitrosodiphenylamine	15.721	169	1305389	47.588	ng	99
67) 4-Bromophenyl-phenylether	16.392	248	501516	51.860	ng	98
68) Hexachlorobenzene	16.504	284	591762	55.031	ng	97
69) Atrazine	16.686	200	510266	70.833	ng	99
70) Pentachlorophenol	16.862	266	711156	95.507	ng	99
71) Phenanthrene	17.251	178	2400681	48.989	ng	100
72) Anthracene	17.345	178	2455865	50.671	ng	100
73) Carbazole	17.627	167	2215566	50.506	ng	100
74) Di-n-butylphthalate	18.180	149	2821179	56.913	ng	100
75) Fluoranthene	19.274	202	2980108	54.129	ng	99
77) Benzidine	19.480	184	1151578	92.190	ng	100
78) Pyrene	19.639	202	3114646	48.598	ng	100
80) Butylbenzylphthalate	20.544	149	1330037	56.828	ng	97
81) Benzo(a)anthracene	21.403	228	3241388	52.172	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	935168	46.128	ng	99
83) Chrysene	21.456	228	3001122	49.940	ng	99
84) Bis(2-ethylhexyl)phtha...	21.321	149	1986262	53.153	ng	# 96
85) Di-n-octyl phthalate	22.238	149	3543084	59.899	ng	95
87) Indeno(1,2,3-cd)pyrene	26.232	276	3761886	47.320	ng	# 95
88) Benzo(b)fluoranthene	23.068	252	3381589	52.643	ng	# 97
89) Benzo(k)fluoranthene	23.115	252	3329590	50.672	ng	# 98
90) Benzo(a)pyrene	23.680	252	2985548	48.371	ng	# 98
91) Dibenzo(a,h)anthracene	26.244	278	3172272	47.840	ng	# 97
92) Benzo(g,h,i)perylene	26.985	276	2989693	46.078	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 78
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

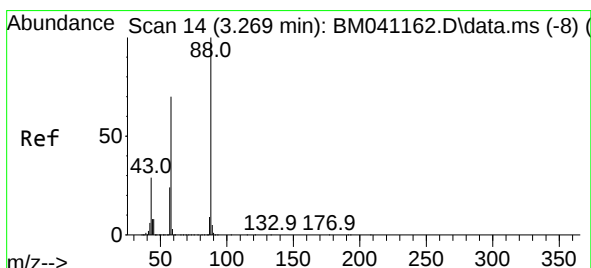
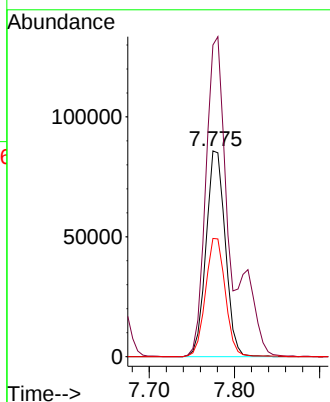
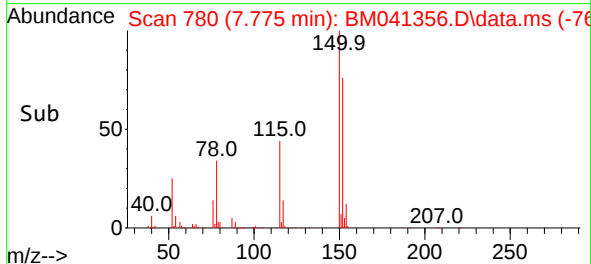
Instrument :
BNA_M
ClientSampleId :
PB154720BSD



Tgt Ion: 152 Resp: 134601
Ion Ratio Lower Upper
152 100
150 151.5 125.5 188.3
115 57.4 48.0 72.0

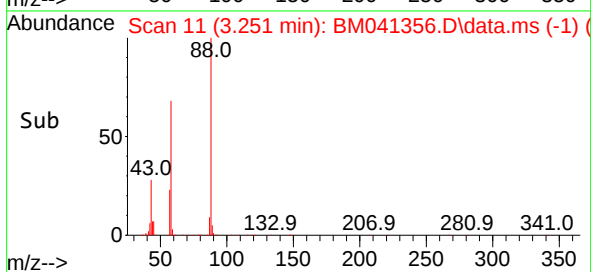
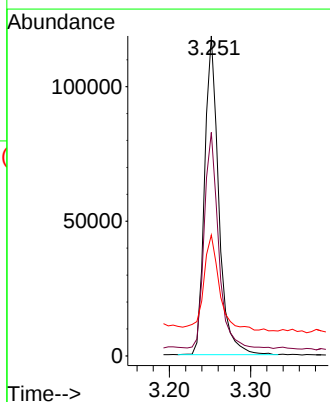
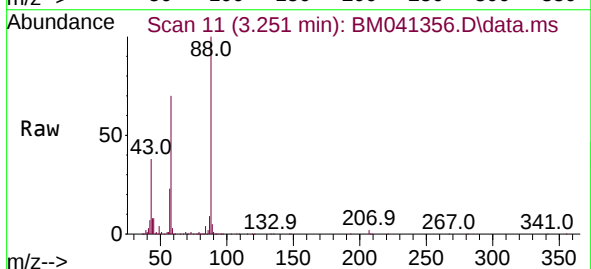
Manual Integrations
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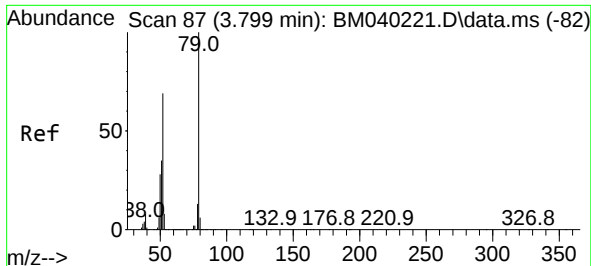
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#2
1,4-Dioxane
Concen: 37.165 ng
RT: 3.251 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

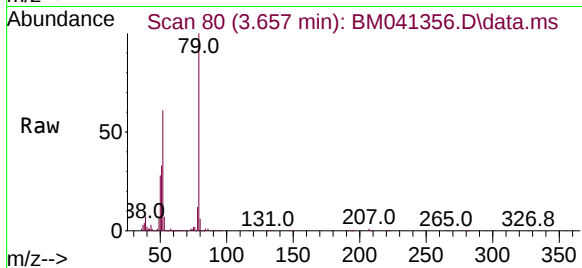
Tgt Ion: 88 Resp: 143184
Ion Ratio Lower Upper
88 100
58 68.6 58.2 87.4
43 34.6 24.4 36.6





#3
Pyridine
Concen: 35.880 ng
RT: 3.657 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

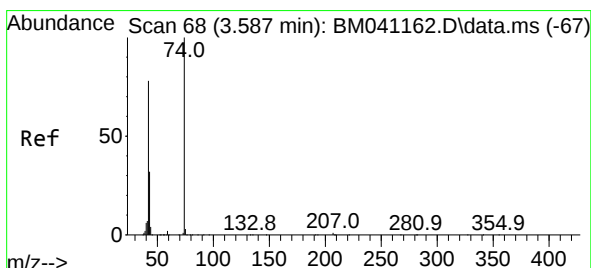
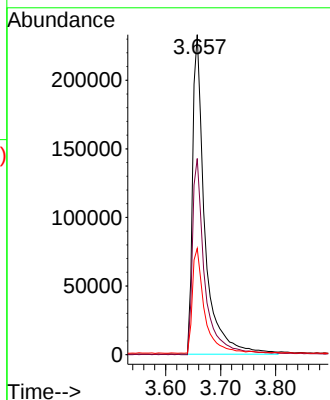
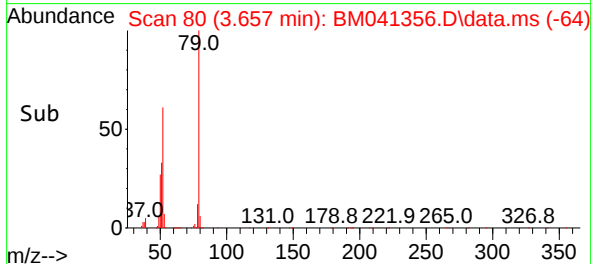
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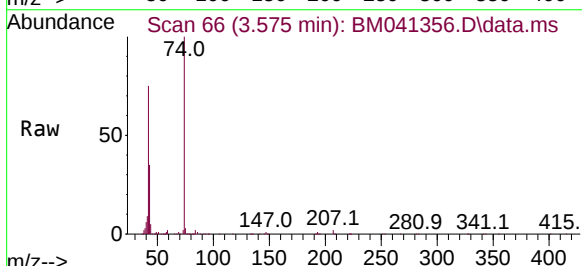
Tgt Ion: 79 Resp: 363464
Ion Ratio Lower Upper
79 100
52 61.3 52.1 78.1
51 33.2 27.5 41.3

Manual Integrations
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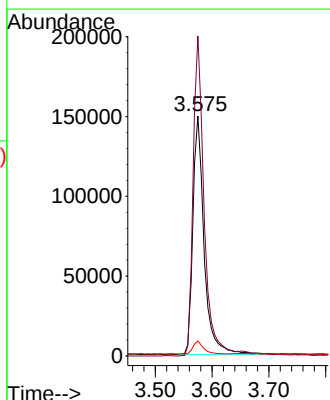
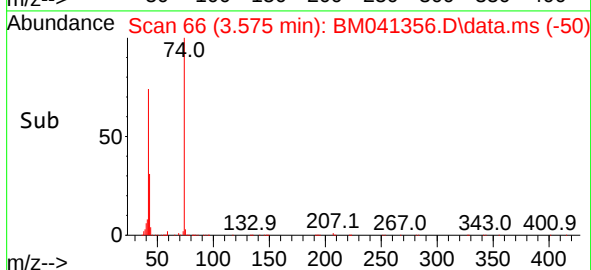
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

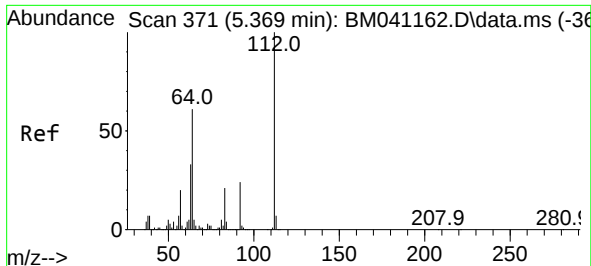


#4
n-Nitrosodimethylamine
Concen: 44.173 ng
RT: 3.575 min Scan# 66
Delta R.T. -0.006 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33



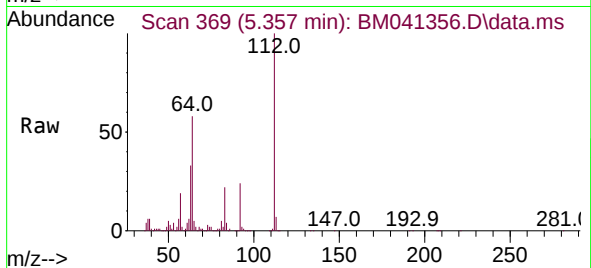
Tgt Ion: 42 Resp: 206953
Ion Ratio Lower Upper
42 100
74 133.5 100.8 151.2
44 6.2 5.0 7.4





#5
2-Fluorophenol
Concen: 101.888 ng
RT: 5.357 min Scan# 369
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

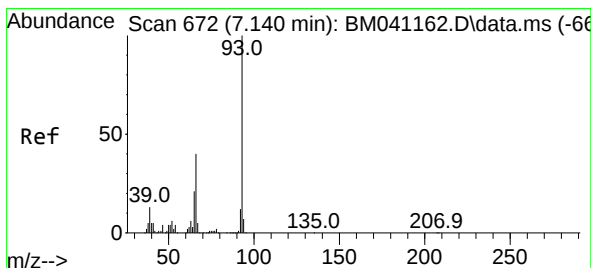
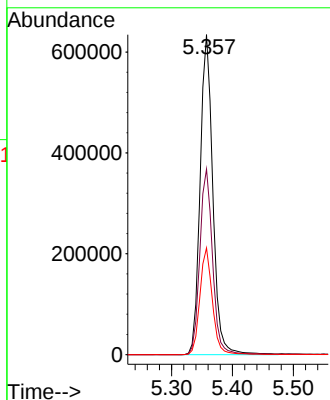
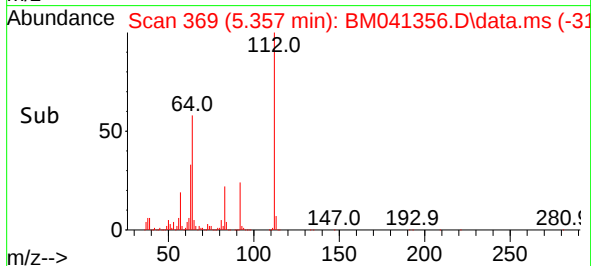
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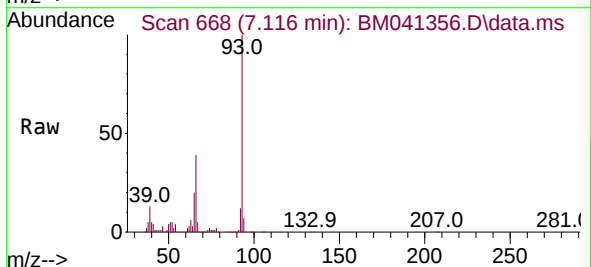
Tgt Ion: 112 Resp: 917590
Ion Ratio Lower Upper
112 100
64 58.0 48.5 72.7
63 33.3 26.5 39.7

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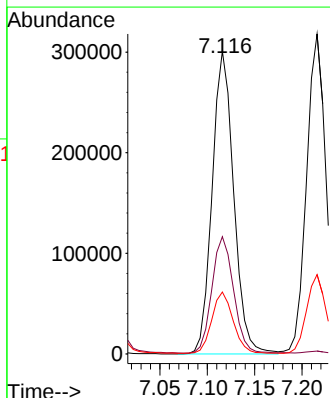
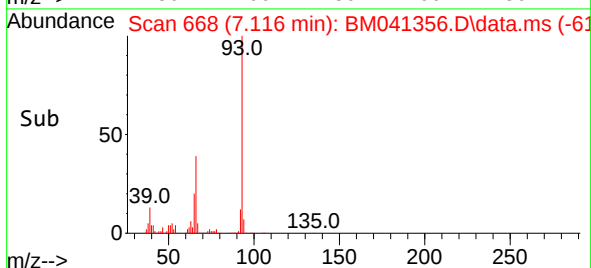
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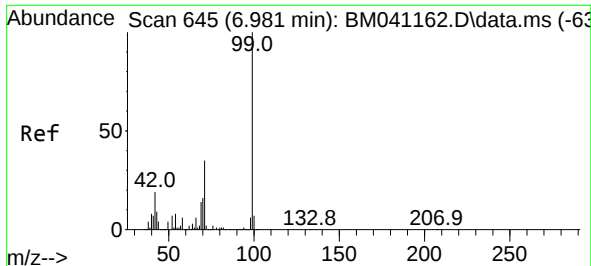


#6
Aniline
Concen: 34.886 ng
RT: 7.116 min Scan# 668
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33



Tgt Ion: 93 Resp: 476601
Ion Ratio Lower Upper
93 100
66 38.7 32.0 48.0
65 20.4 16.6 24.8





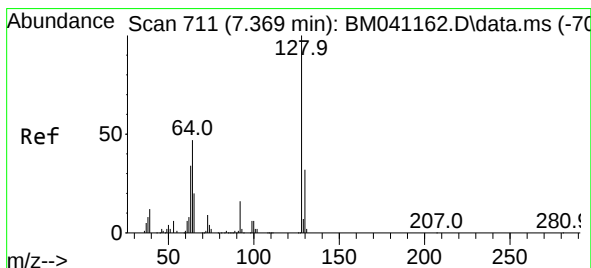
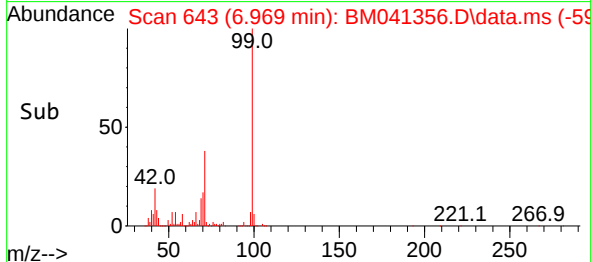
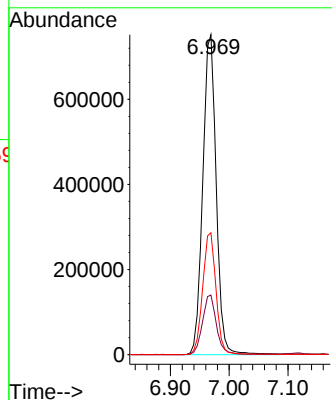
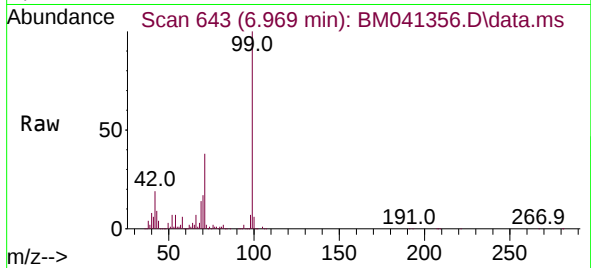
#7
Phenol-d6
Concen: 102.271 ng
RT: 6.969 min Scan# 64
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

Instrument :
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ClientSampleId :
PB154720BSD

Tgt Ion: 99 Resp: 119389
Ion Ratio Lower Upper
99 100
42 18.6 15.4 23.0
71 38.1 28.2 42.4

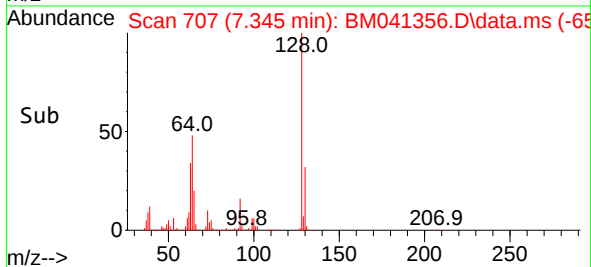
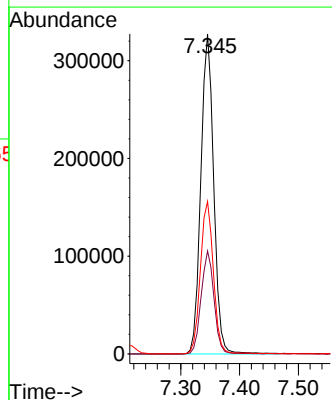
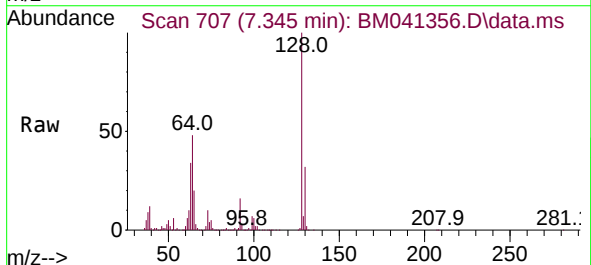
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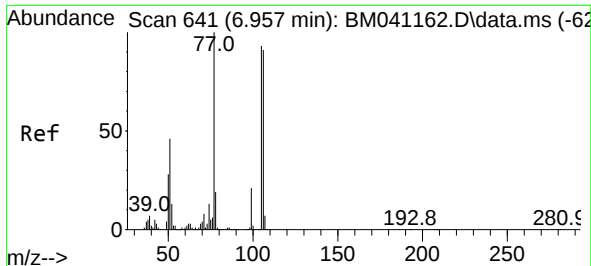
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#8
2-Chlorophenol
Concen: 56.647 ng
RT: 7.345 min Scan# 707
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

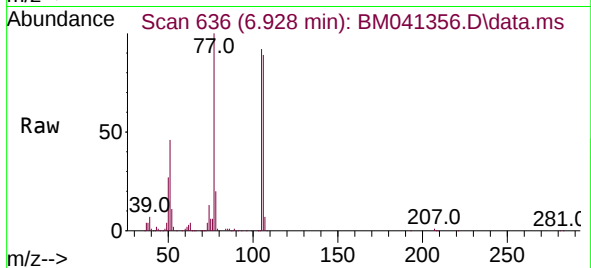
Tgt Ion:128 Resp: 498036
Ion Ratio Lower Upper
128 100
130 32.2 12.3 52.3
64 47.6 29.3 69.3





#9
Benzaldehyde
Concen: 38.583 ng m
RT: 6.928 min Scan# 641
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

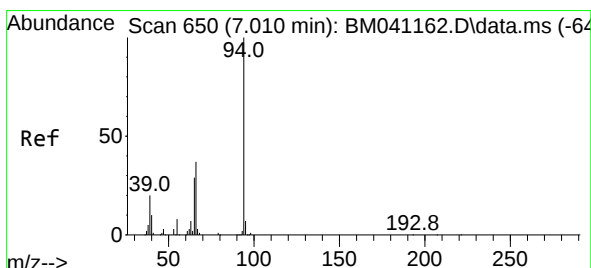
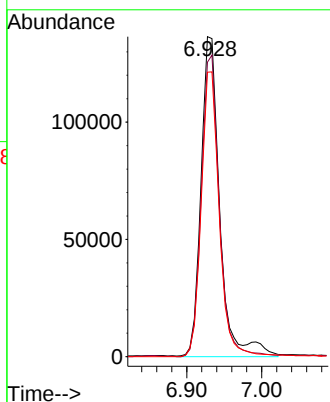
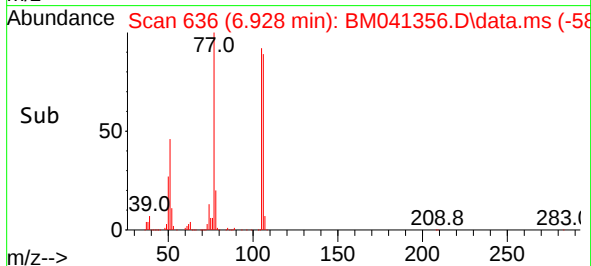
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion: 77 Resp: 237663
Ion Ratio Lower Upper
77 100
105 92.0 72.8 112.8
106 88.9 70.8 110.8

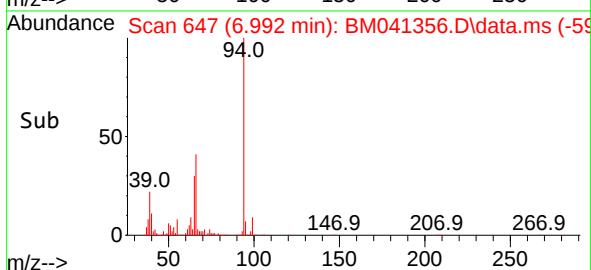
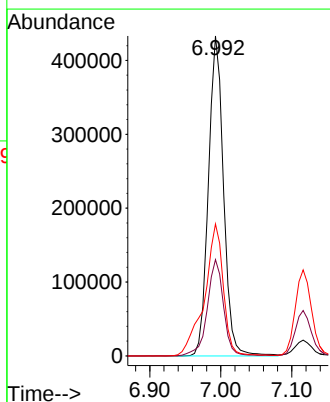
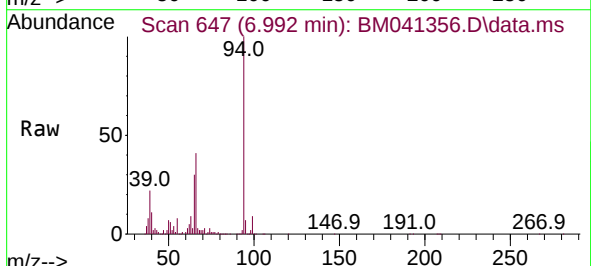
Manual Integrations
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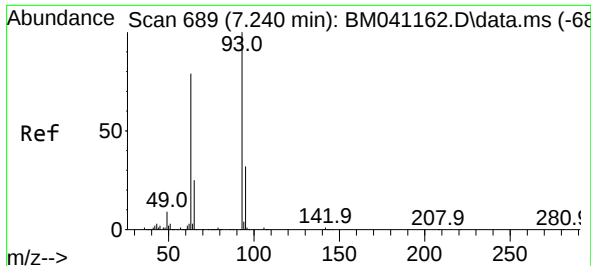
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#10
Phenol
Concen: 56.805 ng
RT: 6.992 min Scan# 647
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

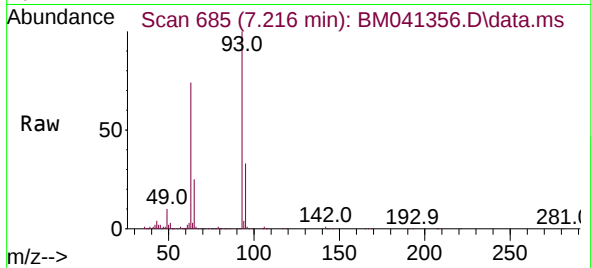
Tgt Ion: 94 Resp: 640473
Ion Ratio Lower Upper
94 100
65 30.1 9.5 49.5
66 41.2 18.0 58.0





#11
bis(2-Chloroethyl)ether
Concen: 50.204 ng
RT: 7.216 min Scan# 685
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

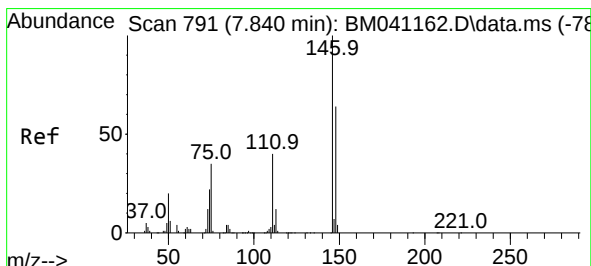
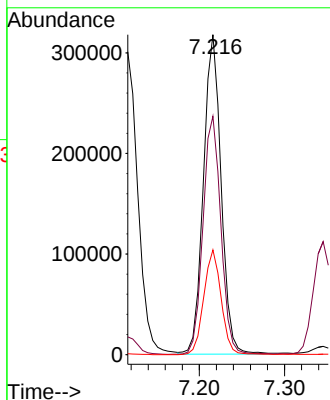
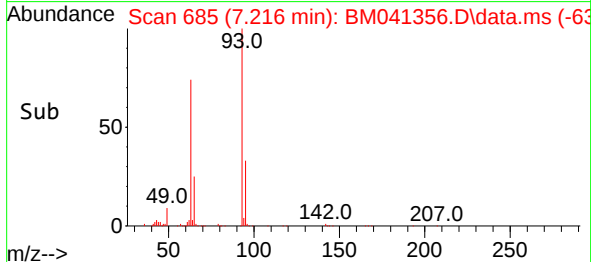
Instrument :
BNA_M
ClientSampleId :
PB154720BSD



Tgt Ion: 93 Resp: 458197
Ion Ratio Lower Upper
93 100
63 74.5 58.8 98.8
95 32.7 11.8 51.8

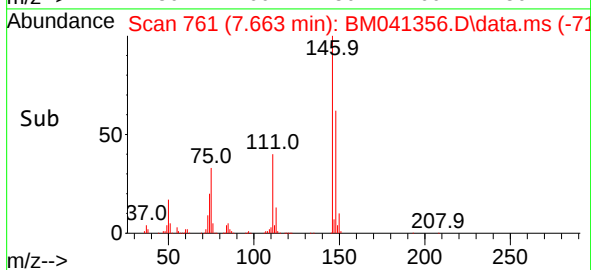
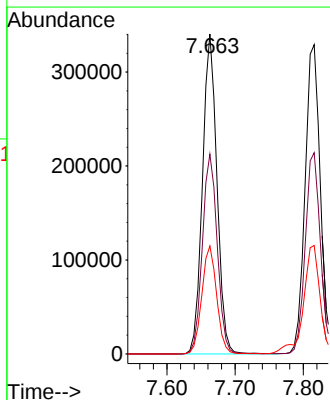
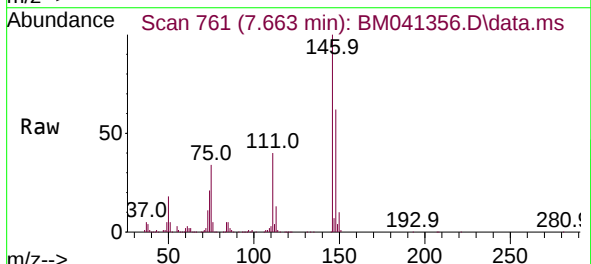
Manual Integrations
APPROVED

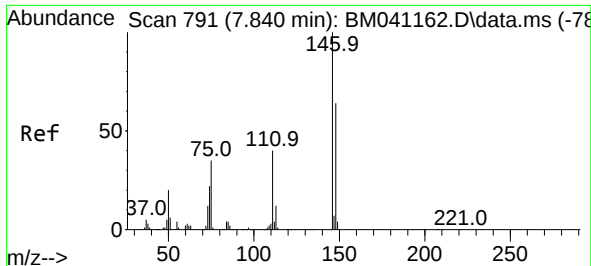
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#12
1,3-Dichlorobenzene
Concen: 52.527 ng
RT: 7.663 min Scan# 761
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

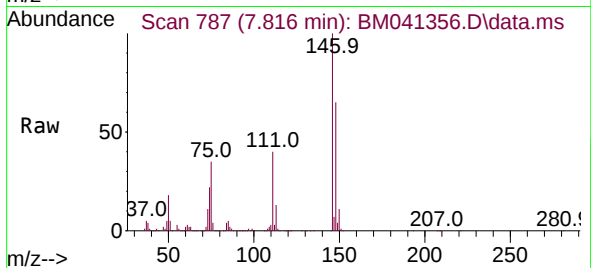
Tgt Ion:146 Resp: 502692
Ion Ratio Lower Upper
146 100
148 62.4 51.9 77.9
75 33.7 28.3 42.5





#13
1,4-Dichlorobenzene
Concen: 53.171 ng
RT: 7.816 min Scan# 781
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

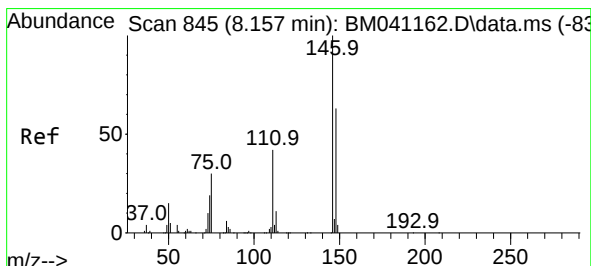
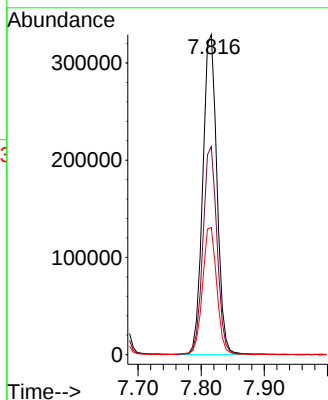
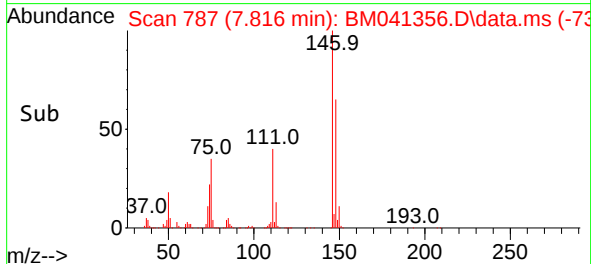
Instrument :
BNA_M
ClientSampleId :
PB154720BSD



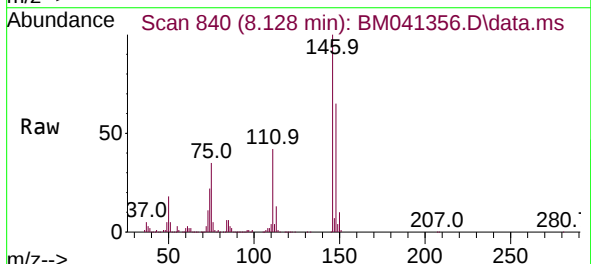
Tgt Ion:146 Resp: 511461
Ion Ratio Lower Upper
146 100
148 65.0 51.4 77.0
111 39.7 32.4 48.6

Manual Integrations
APPROVED

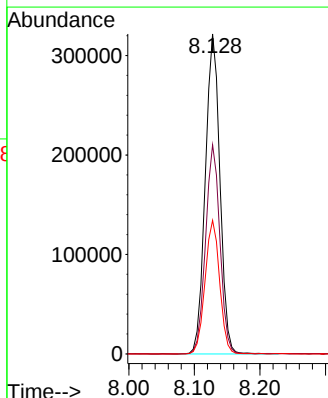
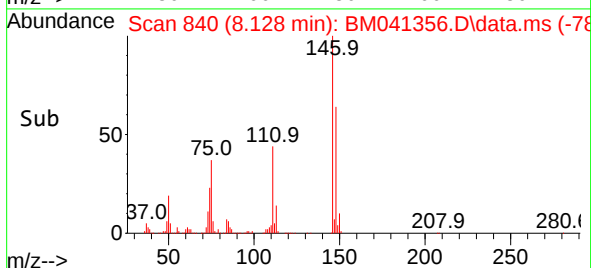
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

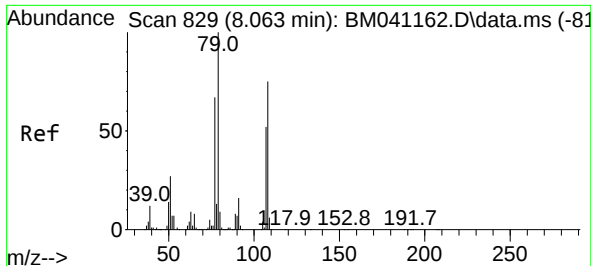


#14
1,2-Dichlorobenzene
Concen: 53.864 ng
RT: 8.128 min Scan# 840
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33



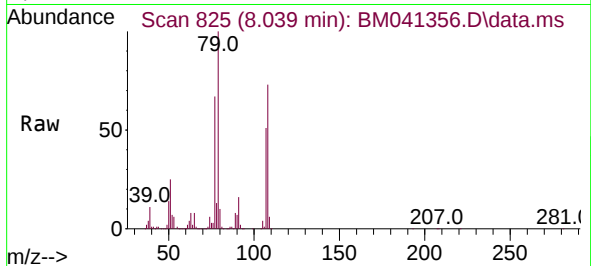
Tgt Ion:146 Resp: 496792
Ion Ratio Lower Upper
146 100
148 65.3 50.9 76.3
111 41.7 33.8 50.6





#15
Benzyl Alcohol
Concen: 63.679 ng
RT: 8.039 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

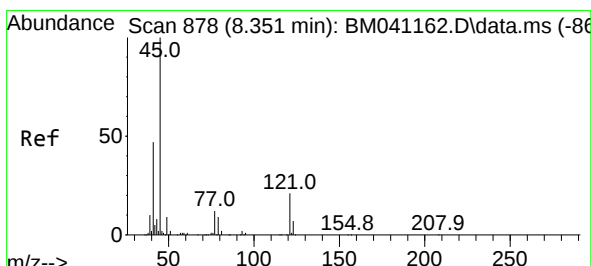
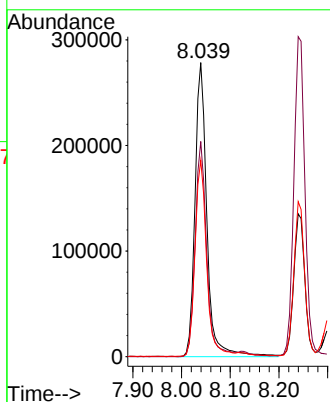
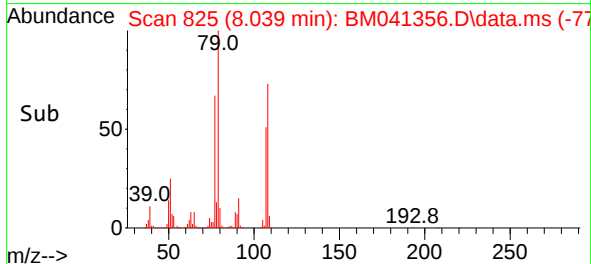
Instrument :
BNA_M
ClientSampleId :
PB154720BSD



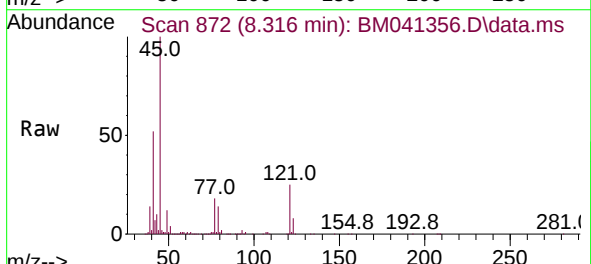
Tgt Ion: 79 Resp: 46945
Ion Ratio Lower Upper
79 100
108 73.2 59.8 89.8
77 66.7 53.8 80.6

Manual Integrations
APPROVED

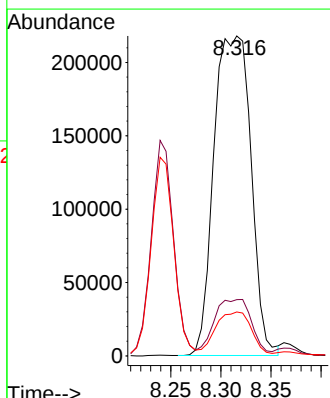
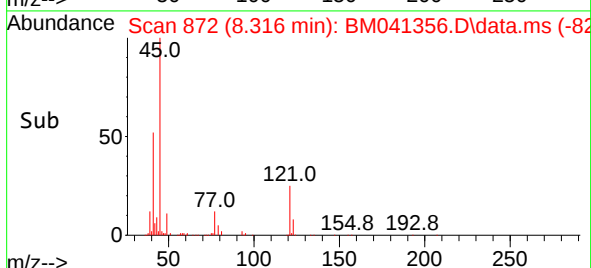
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

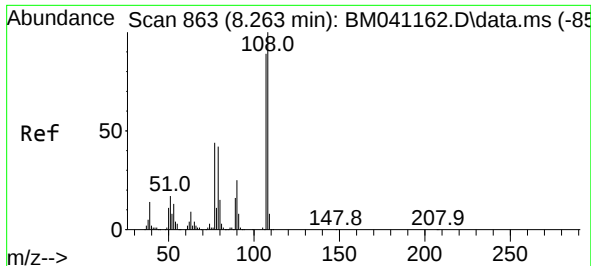


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.023 ng
RT: 8.316 min Scan# 872
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33



Tgt Ion: 45 Resp: 559649
Ion Ratio Lower Upper
45 100
77 17.6 0.0 34.5
79 13.7 0.0 32.1





#17

2-Methylphenol

Concen: 56.451 ng

RT: 8.245 min Scan# 80

Delta R.T. 0.006 min

Lab File: BM041356.D

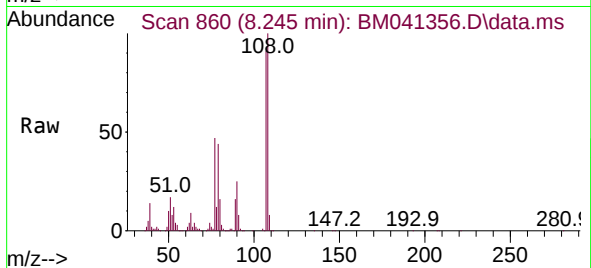
Acq: 10 Aug 2023 10:33

Instrument :

BNA_M

ClientSampleId :

PB154720BSD



Tgt Ion:107 Resp: 43484

Ion Ratio Lower Upper

107 100

108 110.0 89.9 134.9

77 51.3 39.8 59.8

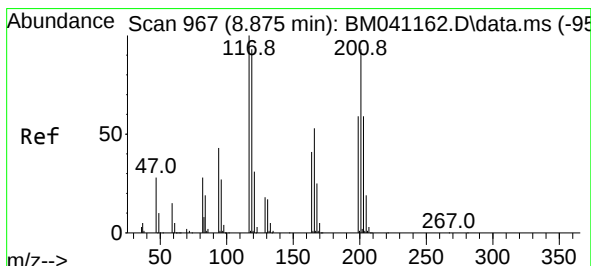
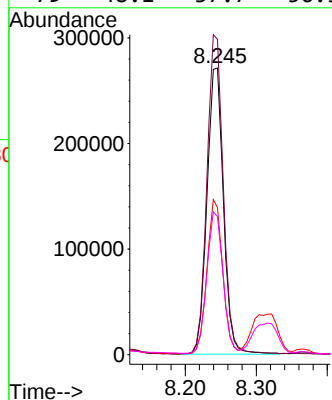
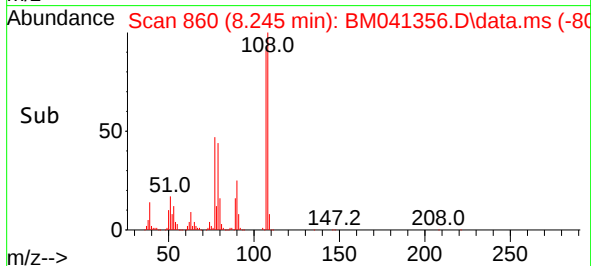
79 48.1 37.7 56.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/11/2023



#18

Hexachloroethane

Concen: 53.855 ng

RT: 8.845 min Scan# 962

Delta R.T. -0.000 min

Lab File: BM041356.D

Acq: 10 Aug 2023 10:33

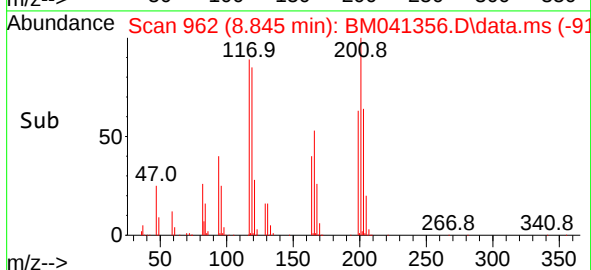
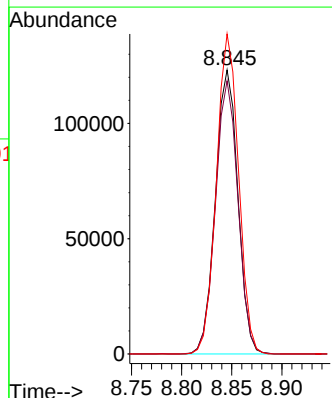
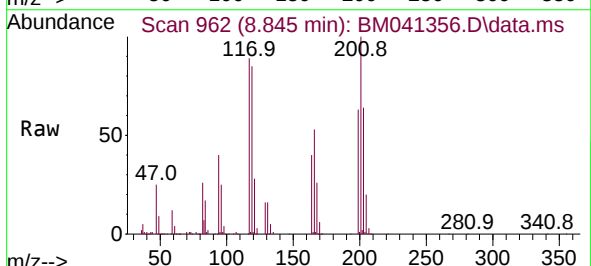
Tgt Ion:117 Resp: 192863

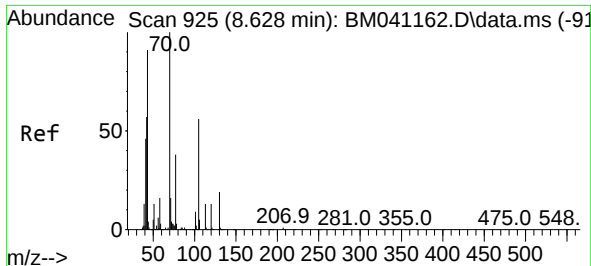
Ion Ratio Lower Upper

117 100

119 96.2 74.2 111.4

201 112.7 74.5 111.7#





#19

n-Nitroso-di-n-propylamine

Concen: 56.842 ng

RT: 8.604 min Scan# 916

Delta R.T. -0.000 min

Lab File: BM041356.D

Acq: 10 Aug 2023 10:33

Instrument :

BNA_M

ClientSampleId :

PB154720BSD

Tgt Ion: 70 Resp: 40304

Ion Ratio Lower Upper

70 100

42 52.6 45.8 68.8

101 9.6 7.4 11.0

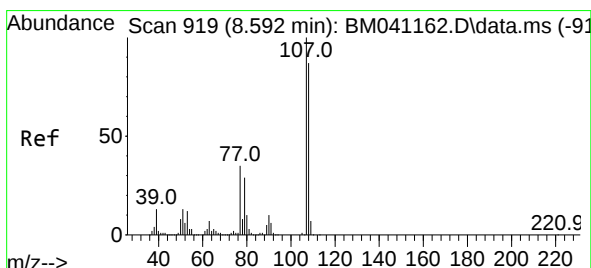
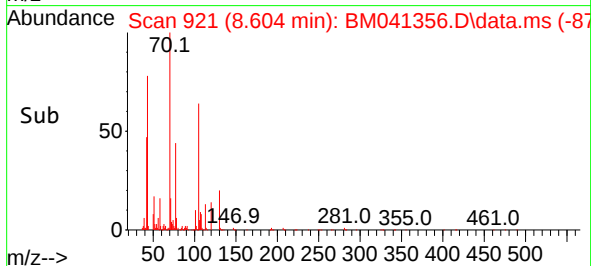
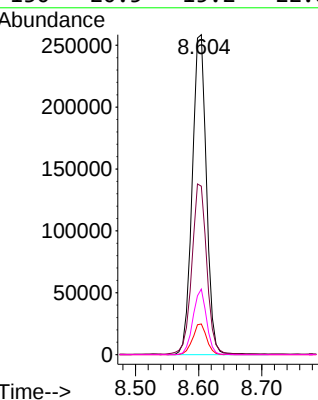
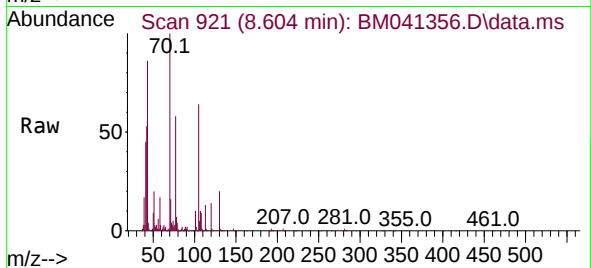
130 20.5 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/11/2023



#20

3+4-Methylphenols

Concen: 57.363 ng

RT: 8.575 min Scan# 916

Delta R.T. -0.000 min

Lab File: BM041356.D

Acq: 10 Aug 2023 10:33

Tgt Ion:107 Resp: 590807

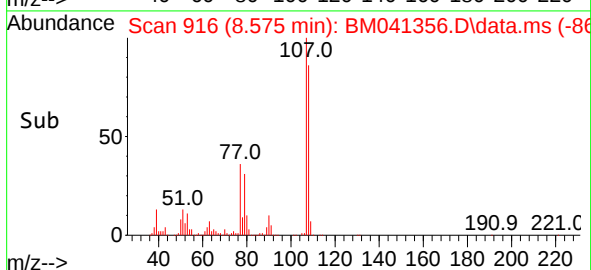
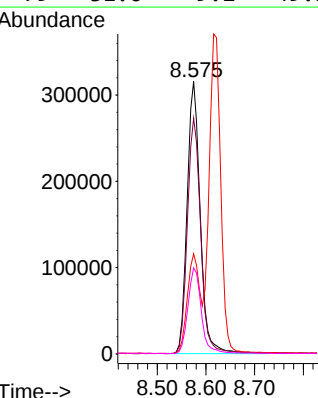
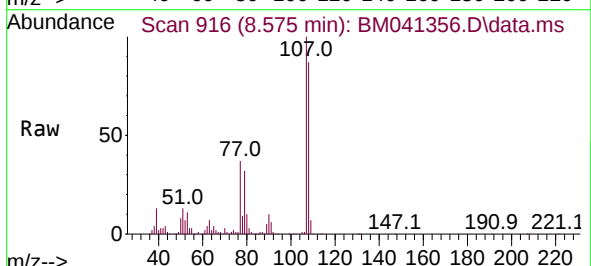
Ion Ratio Lower Upper

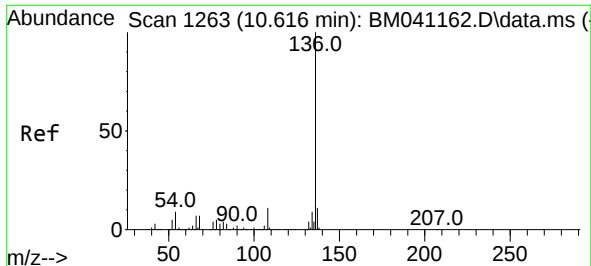
107 100

108 86.5 67.2 107.2

77 36.7 15.4 55.4

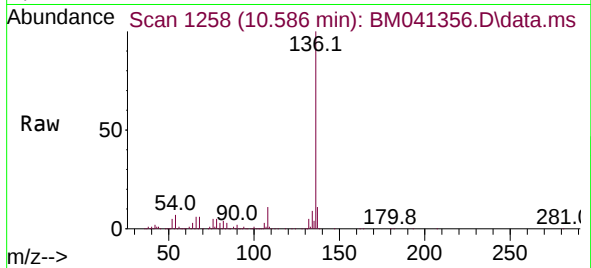
79 31.6 9.2 49.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 1263
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

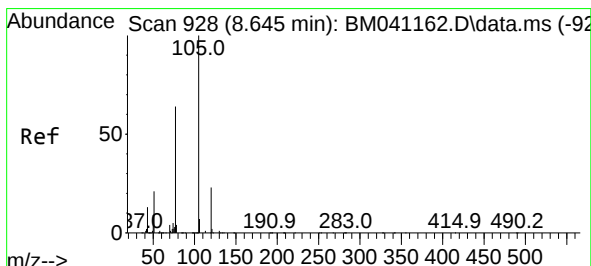
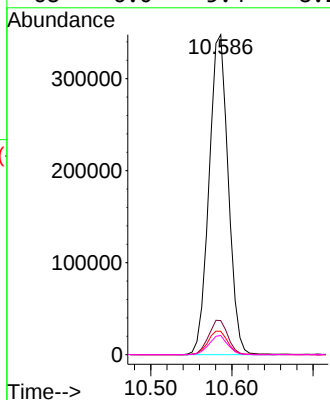
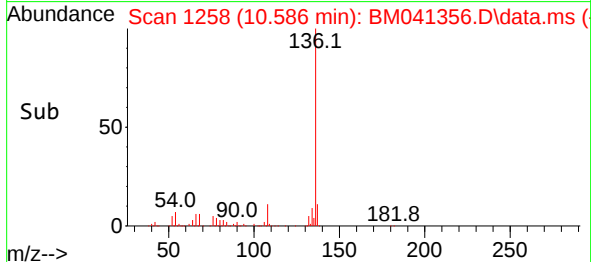
Instrument :
BNA_M
ClientSampleId :
PB154720BSD



Tgt Ion:136 Resp: 571012
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.3 6.9 10.3
68 6.0 5.4 8.2

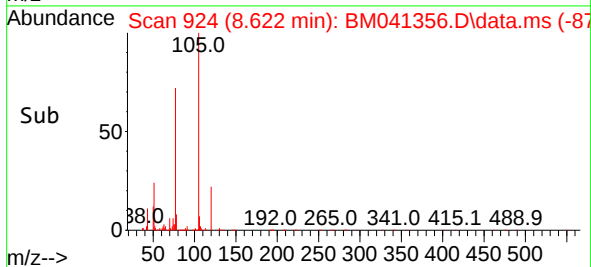
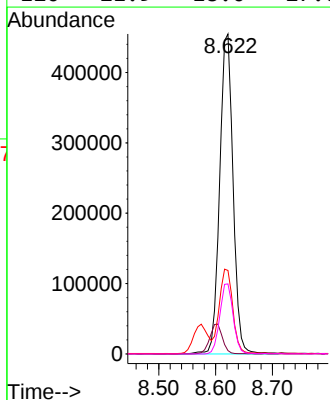
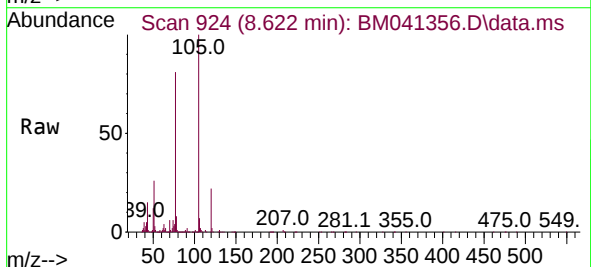
Manual Integrations
APPROVED

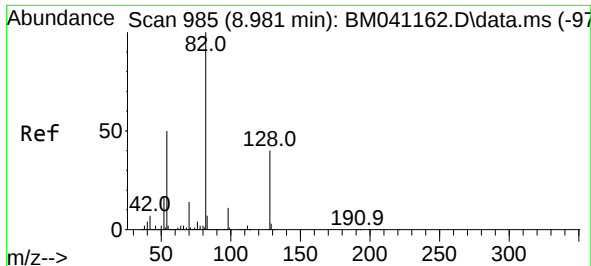
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#22
Acetophenone
Concen: 49.057 ng
RT: 8.622 min Scan# 924
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

Tgt Ion:105 Resp: 741880
Ion Ratio Lower Upper
105 100
71 1.0 1.2 1.8#
51 26.1 22.0 33.0
120 21.9 18.0 27.0





#23

Nitrobenzene-d5

Concen: 92.854 ng

RT: 8.957 min Scan# 981

Delta R.T. -0.000 min

Lab File: BM041356.D

Acq: 10 Aug 2023 10:33

Instrument :

BNA_M

ClientSampleId :

PB154720BSD

Tgt Ion: 82 Resp: 114011

Ion Ratio Lower Upper

82 100

128 39.9 31.8 47.6

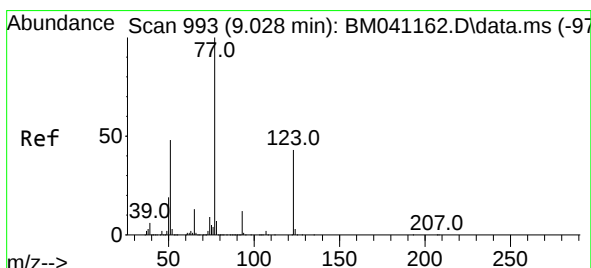
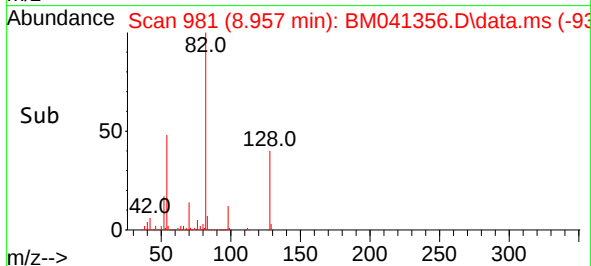
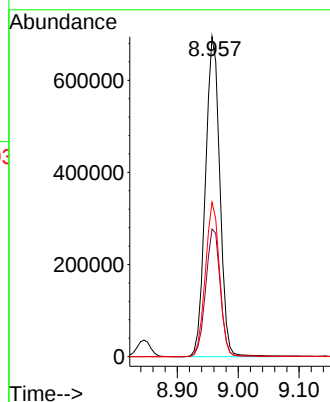
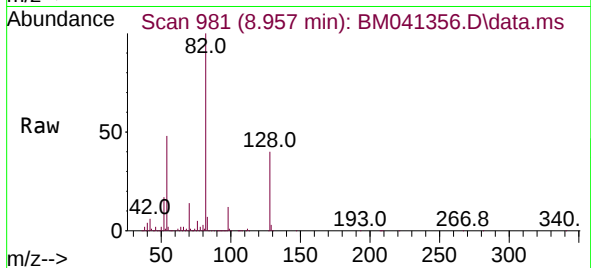
54 48.2 40.1 60.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/11/2023



#24

Nitrobenzene

Concen: 46.873 ng

RT: 9.004 min Scan# 989

Delta R.T. 0.006 min

Lab File: BM041356.D

Acq: 10 Aug 2023 10:33

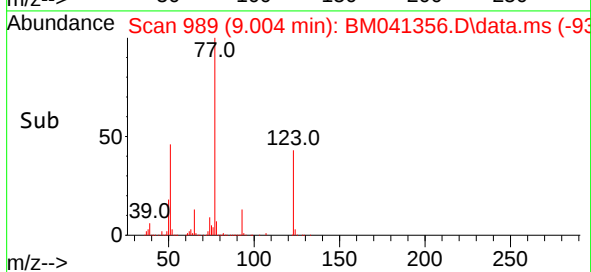
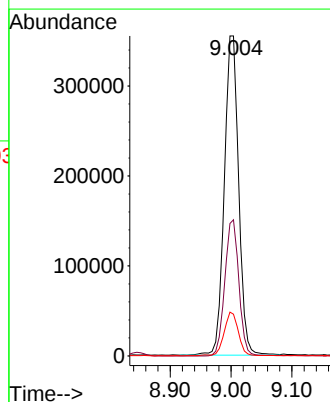
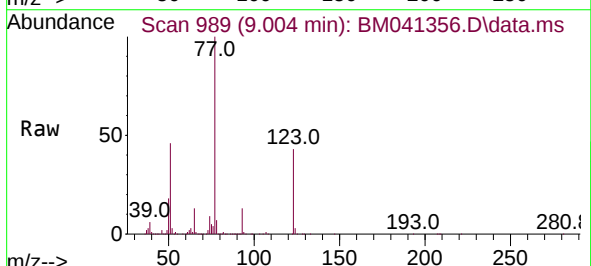
Tgt Ion: 77 Resp: 582023

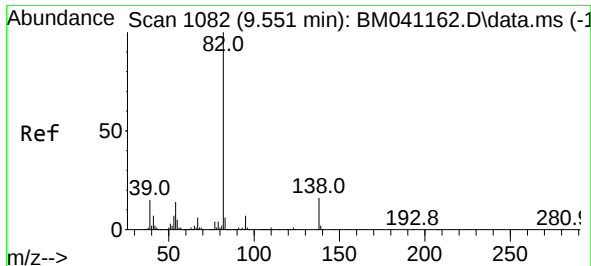
Ion Ratio Lower Upper

77 100

123 42.5 34.2 51.2

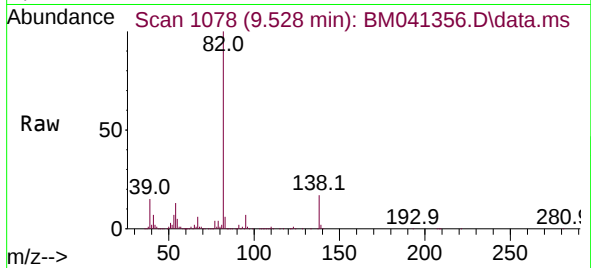
65 13.0 10.7 16.1





#25
Isophorone
Concen: 52.848 ng
RT: 9.528 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

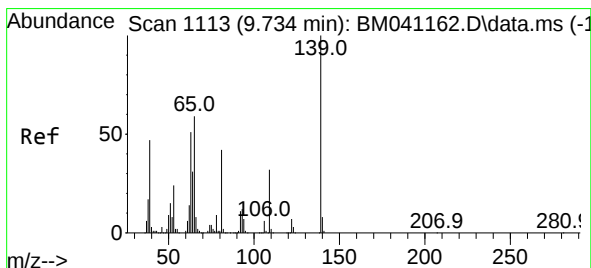
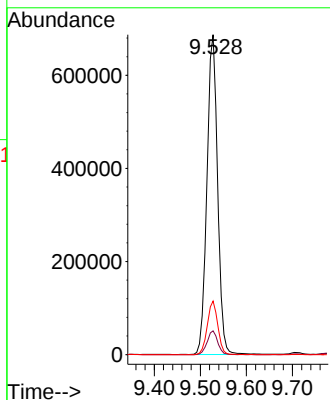
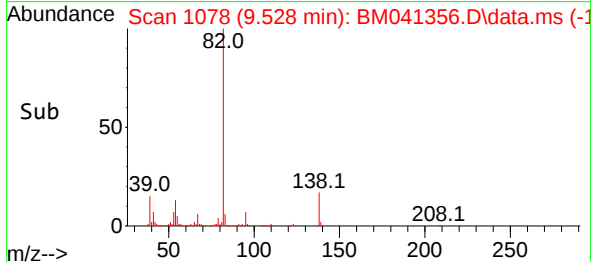
Instrument :
BNA_M
ClientSampleId :
PB154720BSD



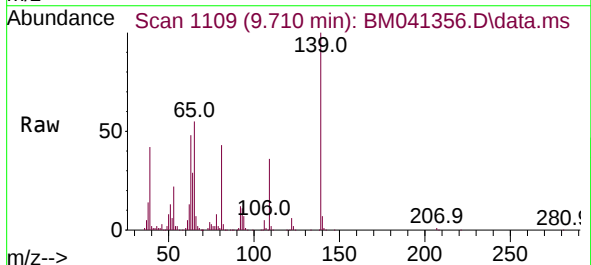
Tgt Ion: 82 Resp: 1101530
Ion Ratio Lower Upper
82 100
95 7.5 5.3 7.9
138 16.7 12.8 19.2

Manual Integrations
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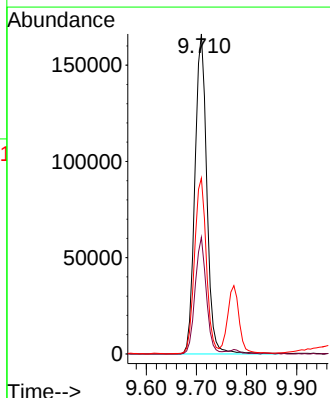
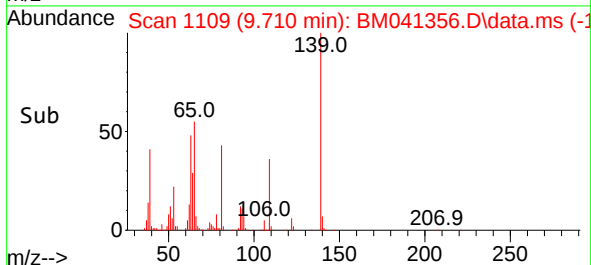
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

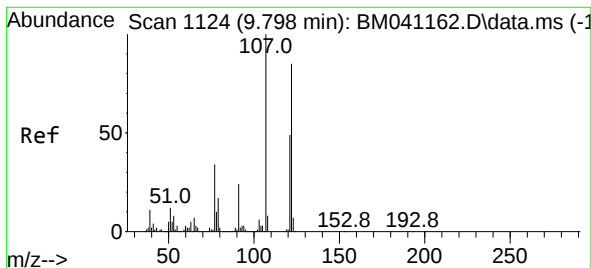


#26
2-Nitrophenol
Concen: 56.523 ng
RT: 9.710 min Scan# 1109
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33



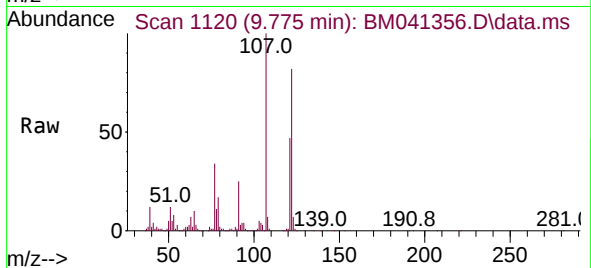
Tgt Ion:139 Resp: 274372
Ion Ratio Lower Upper
139 100
109 36.4 25.4 38.2
65 54.9 47.2 70.8





#27
2,4-Dimethylphenol
Concen: 52.427 ng
RT: 9.775 min Scan# 1124
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

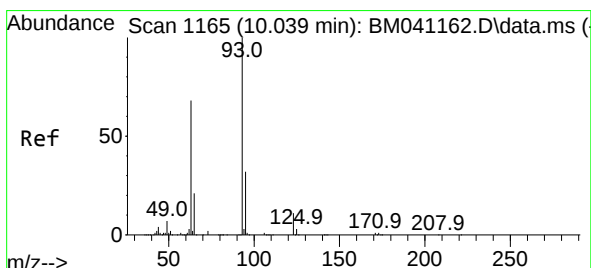
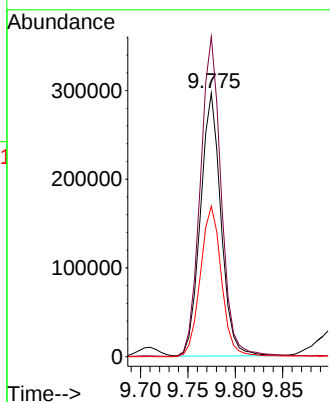
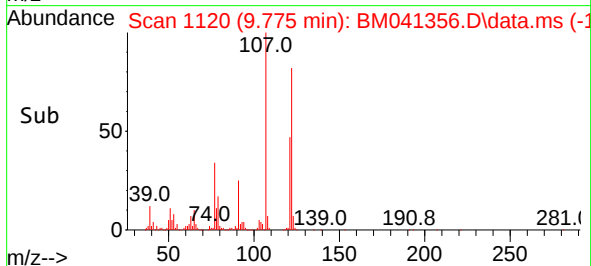
Instrument :
BNA_M
ClientSampleId :
PB154720BSD



Tgt Ion:122 Resp: 447811
Ion Ratio Lower Upper
122 100
107 121.5 94.3 141.5
121 57.0 45.8 68.8

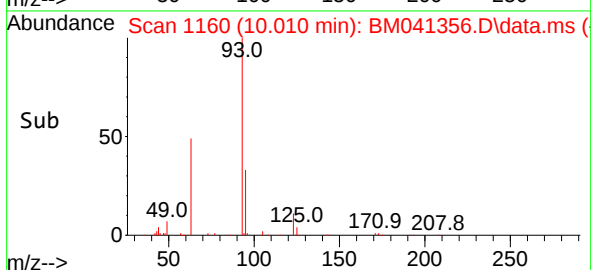
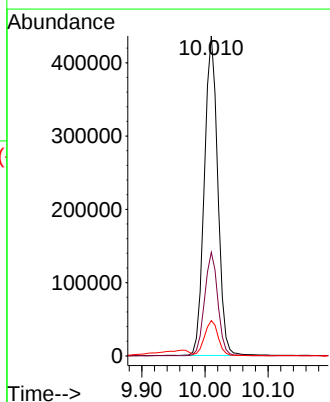
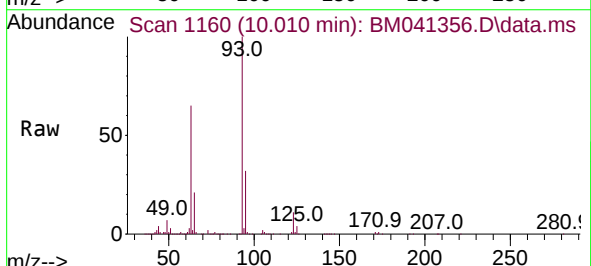
Manual Integrations
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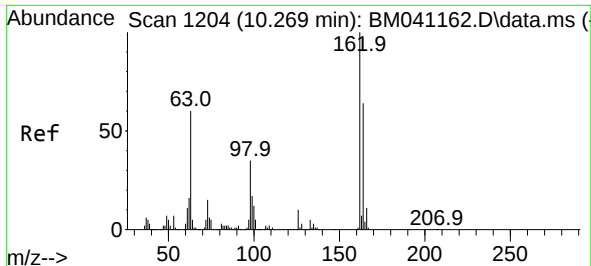
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#28
bis(2-Chloroethoxy)methane
Concen: 49.212 ng
RT: 10.010 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

Tgt Ion: 93 Resp: 642522
Ion Ratio Lower Upper
93 100
95 32.4 25.9 38.9
123 11.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 59.650 ng

RT: 10.245 min Scan# 1200

Delta R.T. -0.000 min

Lab File: BM041356.D

Acq: 10 Aug 2023 10:33

Instrument :

BNA_M

ClientSampleId :

PB154720BSD

Tgt Ion:162 Resp: 513814

Ion Ratio Lower Upper

162 100

164 64.4 44.3 84.3

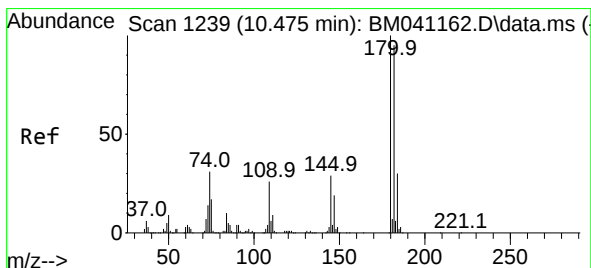
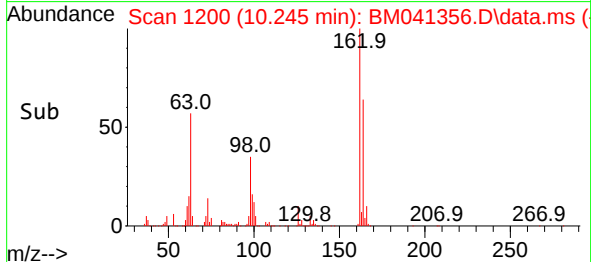
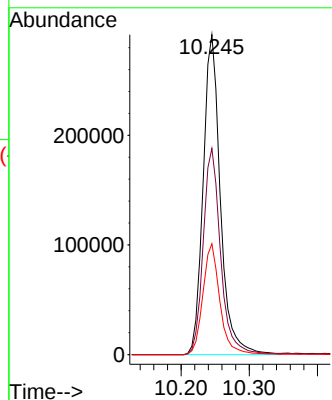
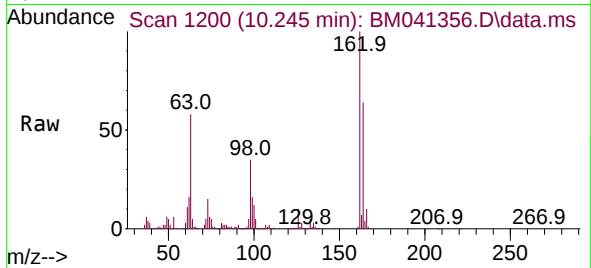
98 34.6 15.1 55.1

Manual Integrations

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Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/11/2023



#30

1,2,4-Trichlorobenzene

Concen: 54.463 ng

RT: 10.445 min Scan# 1234

Delta R.T. -0.000 min

Lab File: BM041356.D

Acq: 10 Aug 2023 10:33

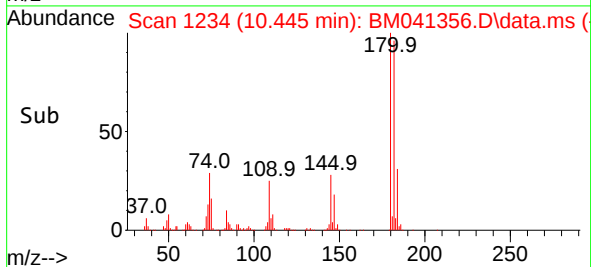
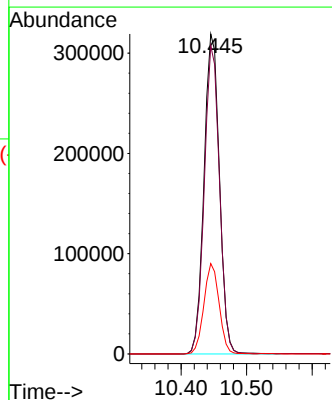
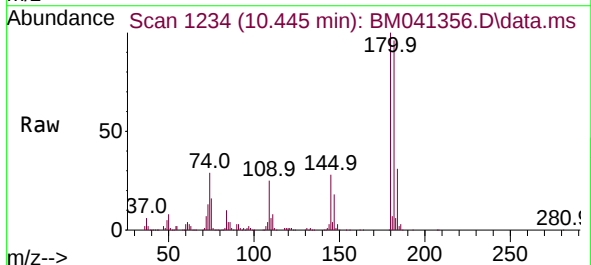
Tgt Ion:180 Resp: 518324

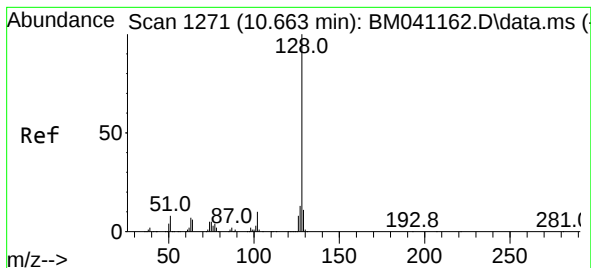
Ion Ratio Lower Upper

180 100

182 96.3 75.9 113.9

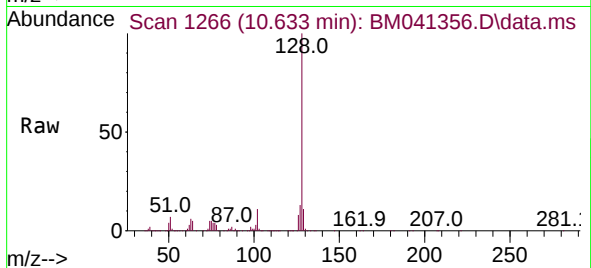
145 28.2 23.6 35.4





#31
Naphthalene
Concen: 47.856 ng
RT: 10.633 min Scan# 1126
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

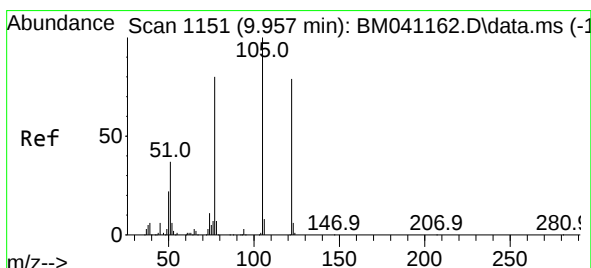
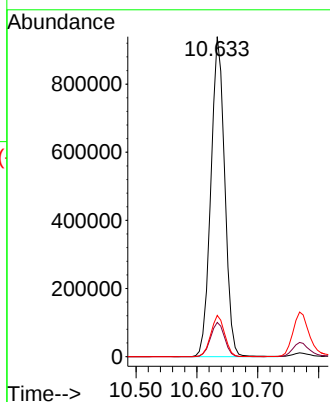
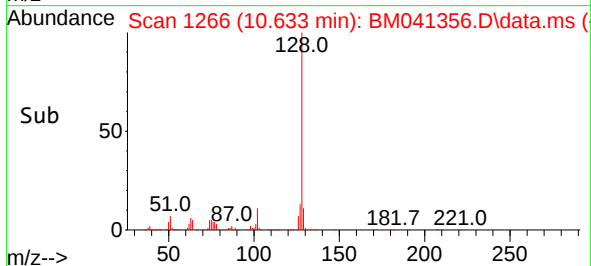
Instrument :
BNA_M
ClientSampleId :
PB154720BSD



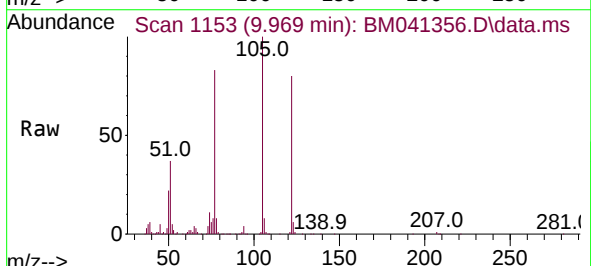
Tgt Ion:128 Resp: 1482885
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.4
127 12.9 10.5 15.7

Manual Integrations
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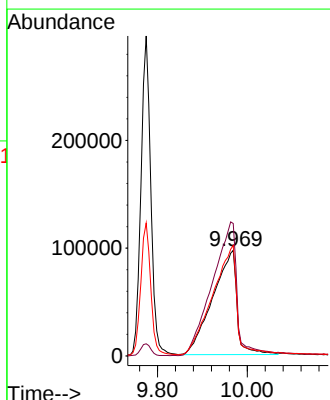
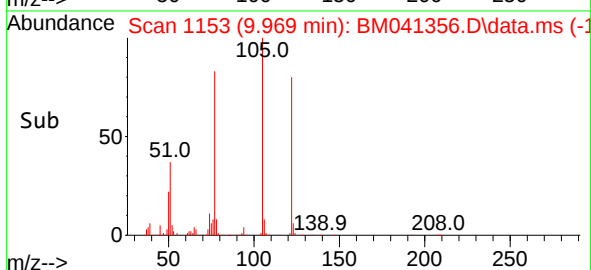
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

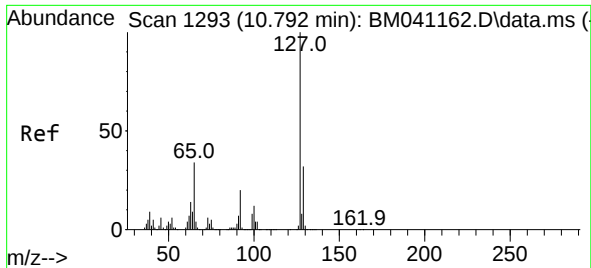


#32
Benzoic acid
Concen: 55.463 ng
RT: 9.969 min Scan# 1153
Delta R.T. 0.012 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33



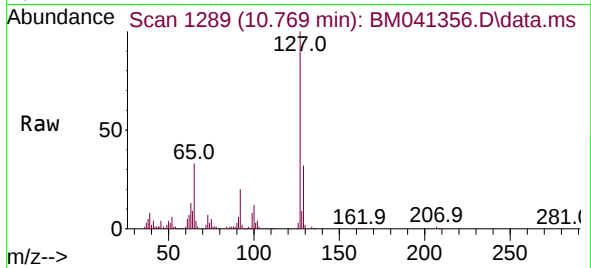
Tgt Ion:122 Resp: 364192
Ion Ratio Lower Upper
122 100
105 125.5 104.0 144.0
77 104.6 79.9 119.9





#33
4-Chloroaniline
Concen: 20.882 ng
RT: 10.769 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

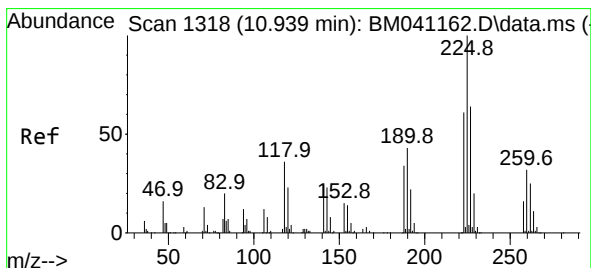
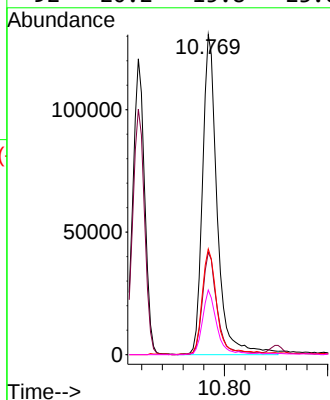
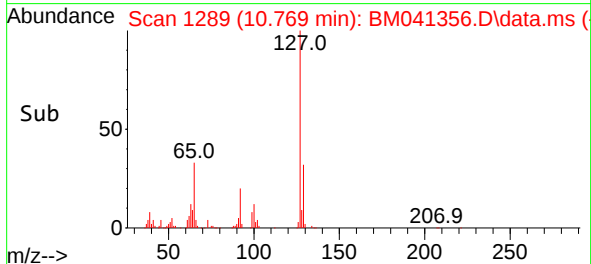
Instrument :
BNA_M
ClientSampleId :
PB154720BSD



Tgt Ion:127 Resp: 258590
Ion Ratio Lower Upper
127 100
129 32.0 25.9 38.9
65 33.0 26.9 40.3
92 20.2 15.8 23.6

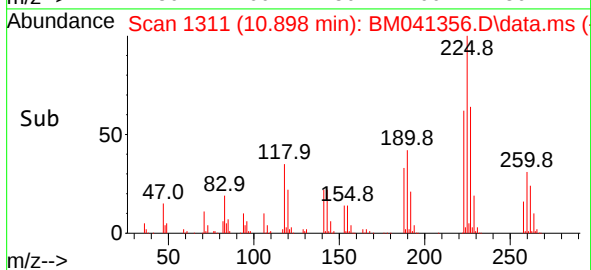
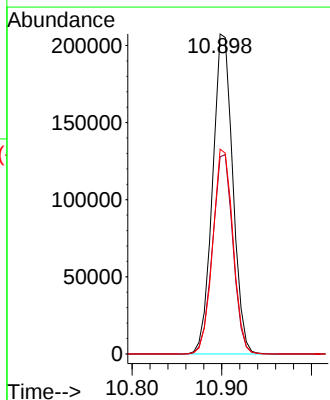
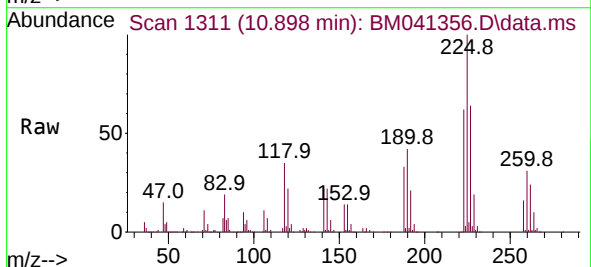
Manual Integrations
APPROVED

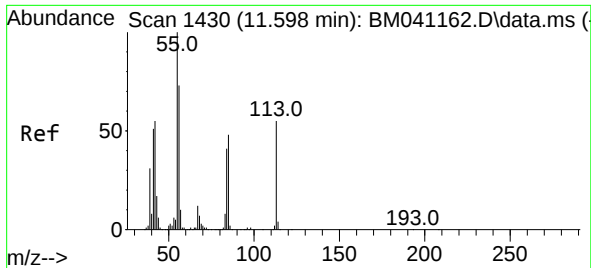
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#34
Hexachlorobutadiene
Concen: 56.890 ng
RT: 10.898 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

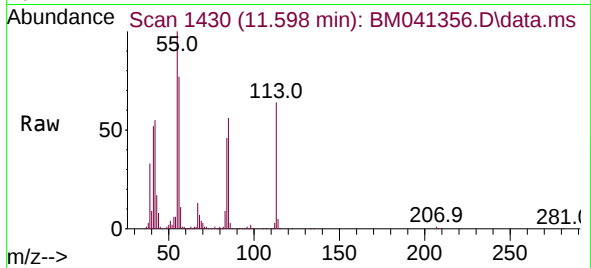
Tgt Ion:225 Resp: 325629
Ion Ratio Lower Upper
225 100
223 61.6 49.0 73.4
227 64.0 50.8 76.2





#35
Caprolactam
Concen: 65.823 ng m
RT: 11.598 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

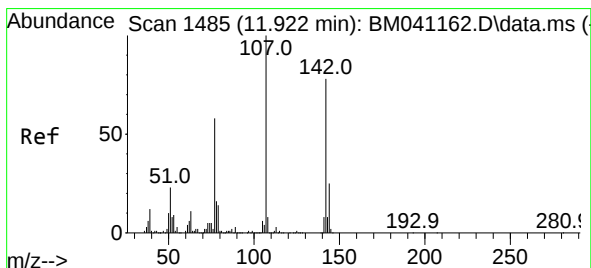
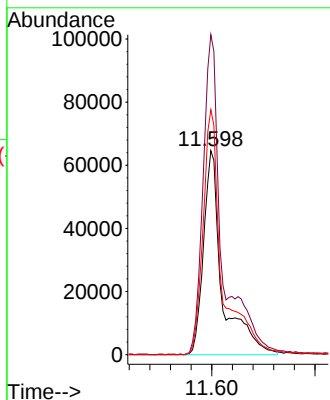
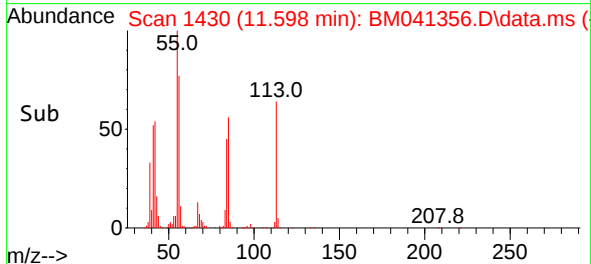
Instrument :
BNA_M
ClientSampleId :
PB154720BSD



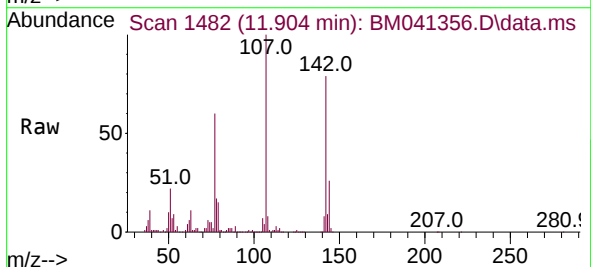
Tgt Ion:113 Resp: 164018
Ion Ratio Lower Upper
113 100
55 156.9 162.5 202.5
56 120.1 114.1 154.1

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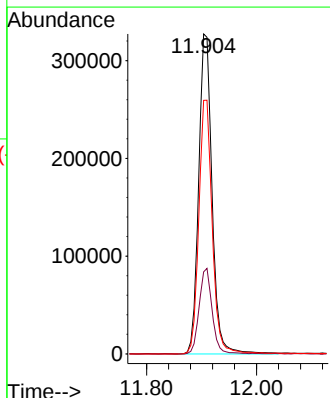
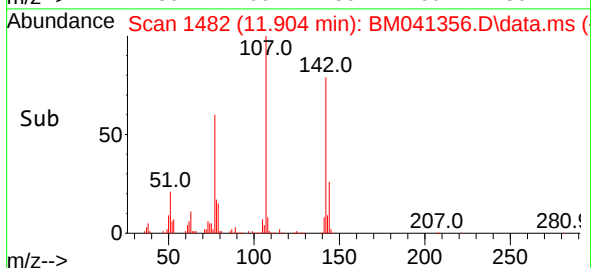
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

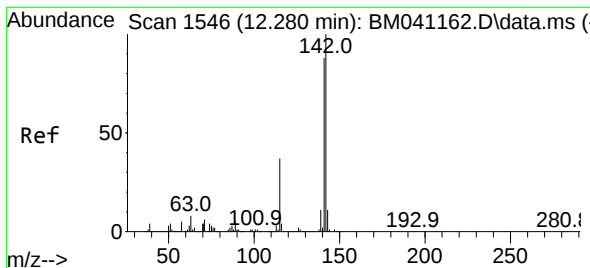


#36
4-Chloro-3-methylphenol
Concen: 61.004 ng
RT: 11.904 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33



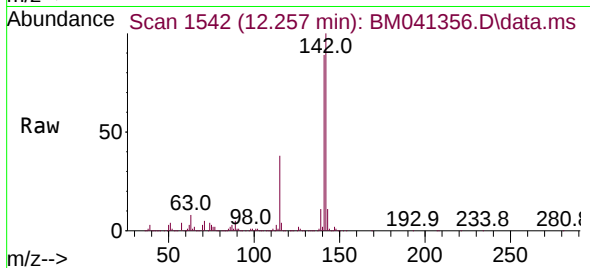
Tgt Ion:107 Resp: 553077
Ion Ratio Lower Upper
107 100
144 25.6 20.1 30.1
142 79.2 62.2 93.4





#37
2-Methylnaphthalene
Concen: 50.816 ng
RT: 12.257 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

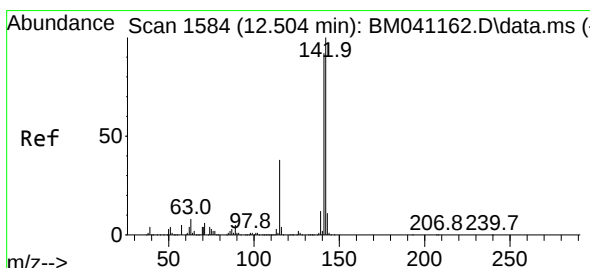
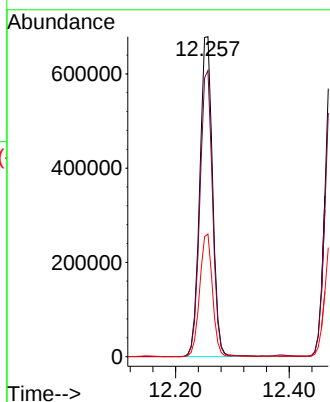
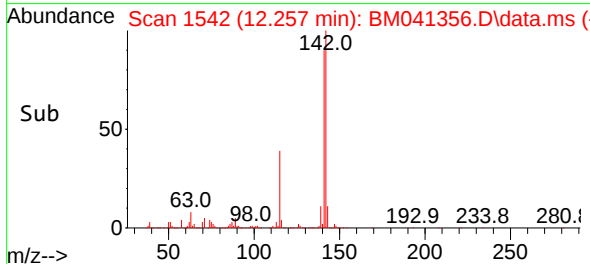
Instrument :
BNA_M
ClientSampleId :
PB154720BSD



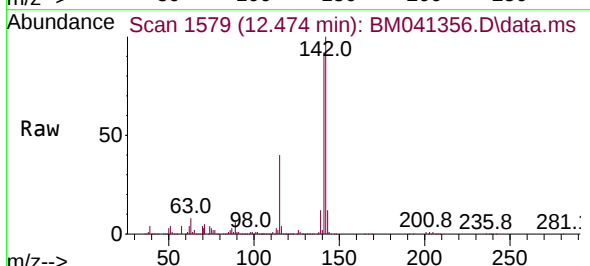
Tgt Ion:142 Resp: 1061563
Ion Ratio Lower Upper
142 100
141 89.4 70.7 106.1
115 38.3 29.3 43.9

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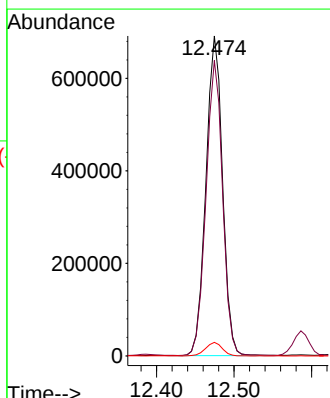
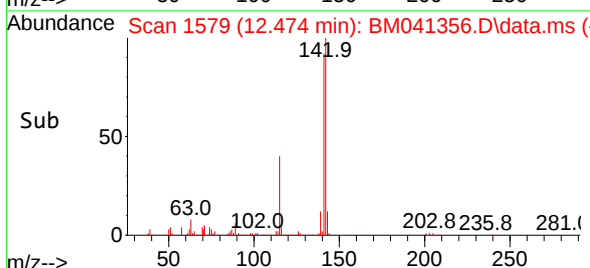
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

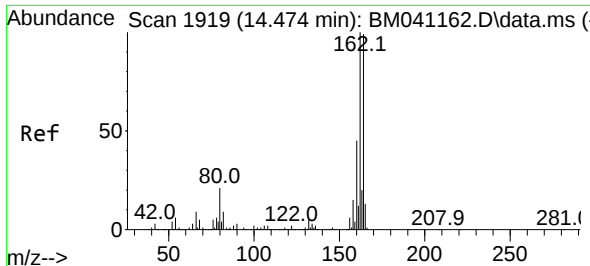


#38
1-Methylnaphthalene
Concen: 52.630 ng
RT: 12.474 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33



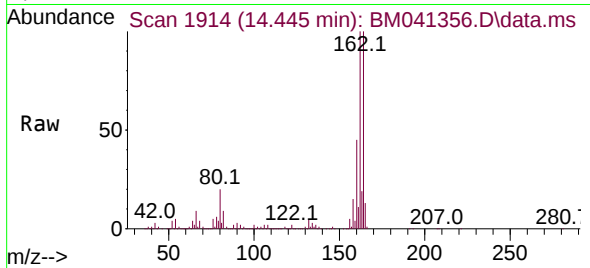
Tgt Ion:142 Resp: 1029028
Ion Ratio Lower Upper
142 100
141 92.3 73.4 110.2
116 4.2 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1914
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

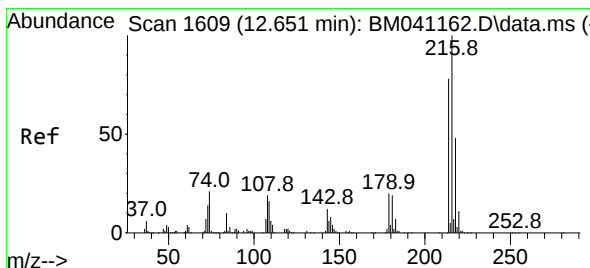
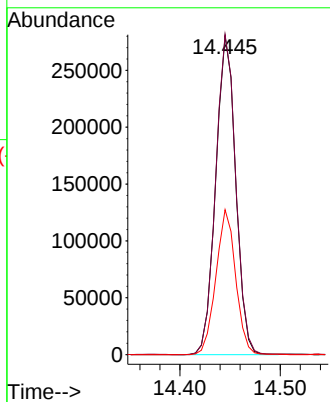
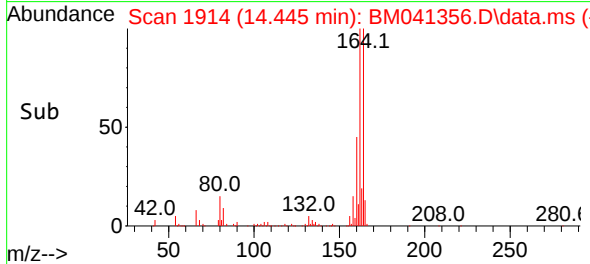
Instrument :
BNA_M
ClientSampleId :
PB154720BSD



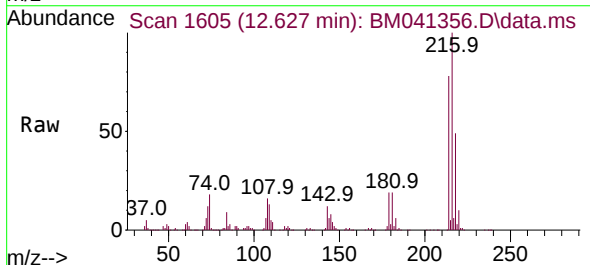
Tgt Ion:164 Resp: 38814
Ion Ratio Lower Upper
164 100
162 100.4 80.4 120.6
160 45.5 36.2 54.2

Manual Integrations
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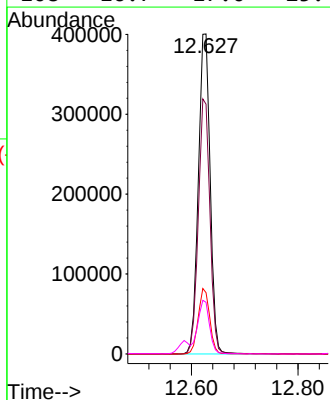
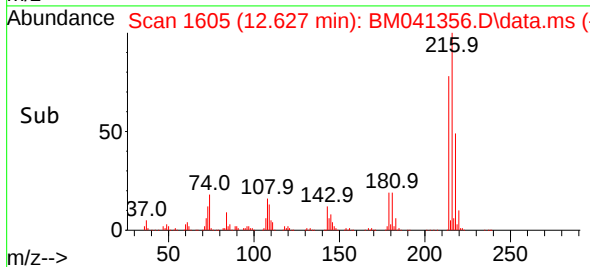
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

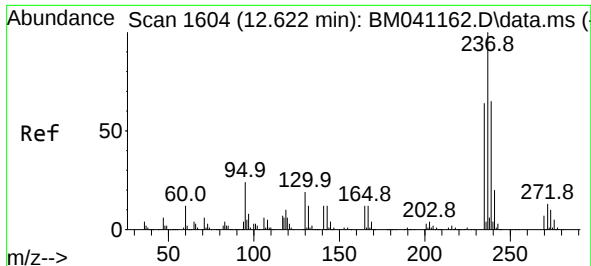


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.842 ng
RT: 12.627 min Scan# 1605
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33



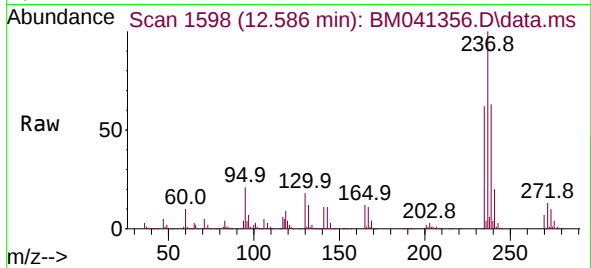
Tgt Ion:216 Resp: 615569
Ion Ratio Lower Upper
216 100
214 78.3 63.2 94.8
179 19.9 16.2 24.2
108 16.7 17.0 25.4#





#41
Hexachlorocyclopentadiene
Concen: 100.828 ng
RT: 12.586 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

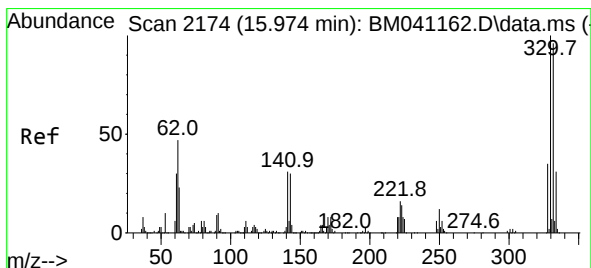
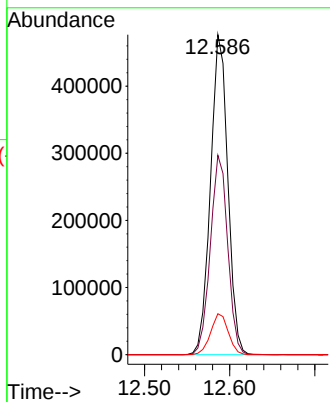
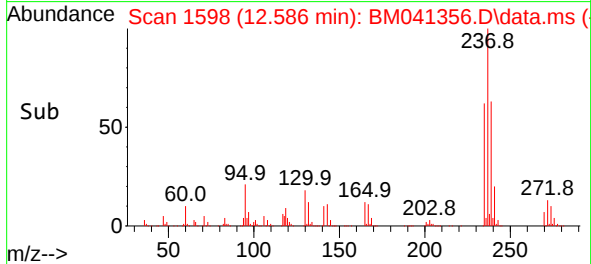
Instrument :
BNA_M
ClientSampleId :
PB154720BSD



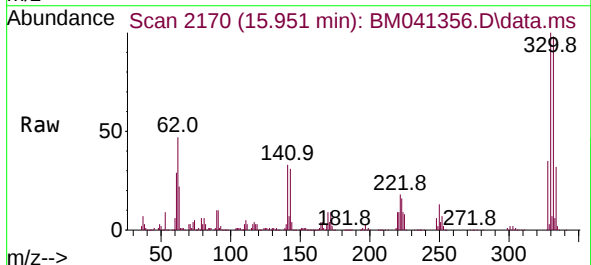
Tgt Ion:237 Resp: 672296
Ion Ratio Lower Upper
237 100
235 62.3 43.6 83.6
272 12.8 0.0 33.3

Manual Integrations
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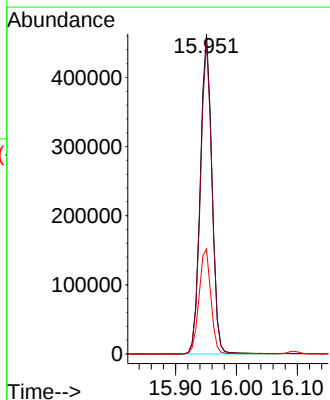
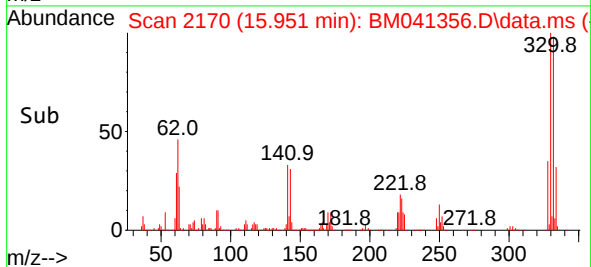
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

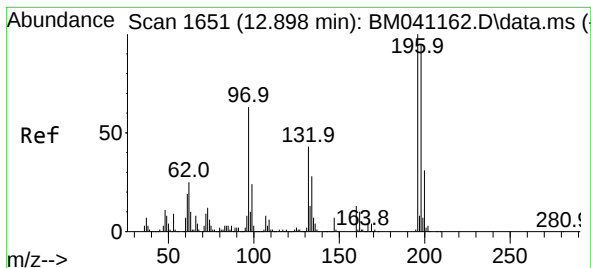


#42
2,4,6-Tribromophenol
Concen: 111.624 ng
RT: 15.951 min Scan# 2170
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33



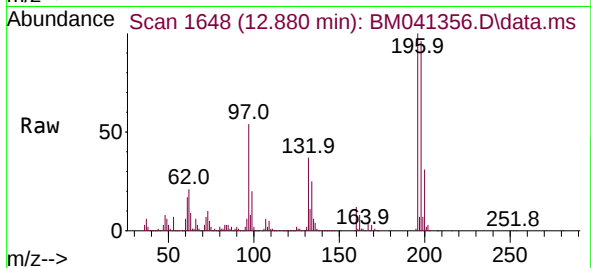
Tgt Ion:330 Resp: 612823
Ion Ratio Lower Upper
330 100
332 96.5 77.7 116.5
141 33.5 28.3 42.5





#43
2,4,6-Trichlorophenol
Concen: 56.227 ng
RT: 12.880 min Scan# 1648
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

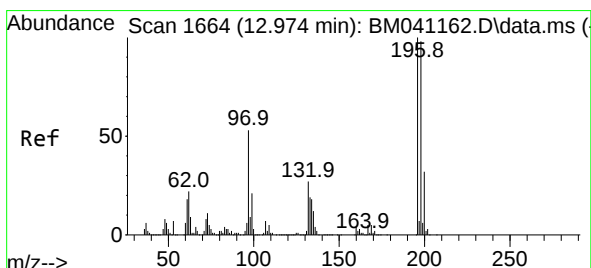
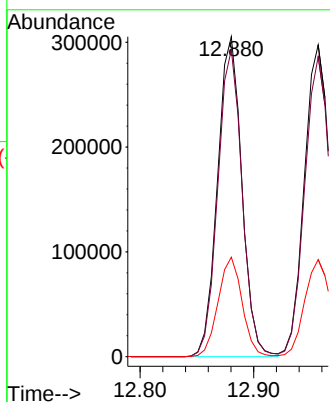
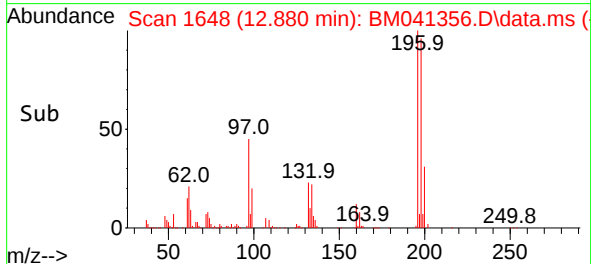
Instrument :
BNA_M
ClientSampleId :
PB154720BSD



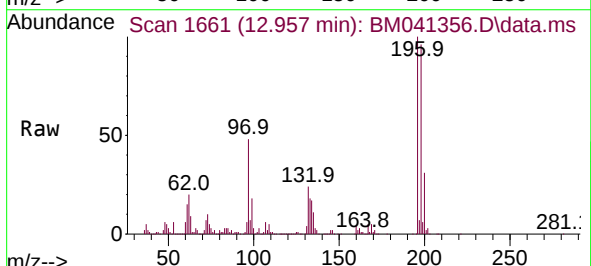
Tgt Ion:196 Resp: 454199
Ion Ratio Lower Upper
196 100
198 95.9 76.2 114.4
200 31.1 24.6 36.8

Manual Integrations
APPROVED

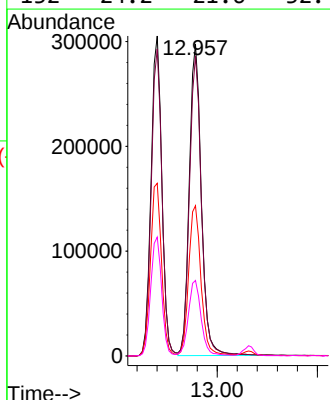
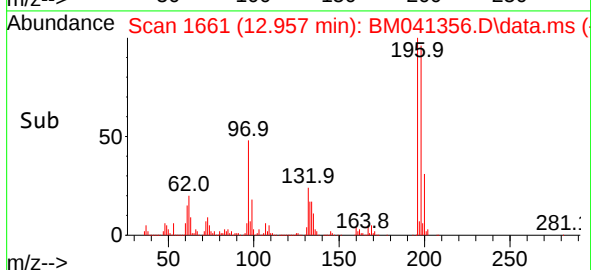
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

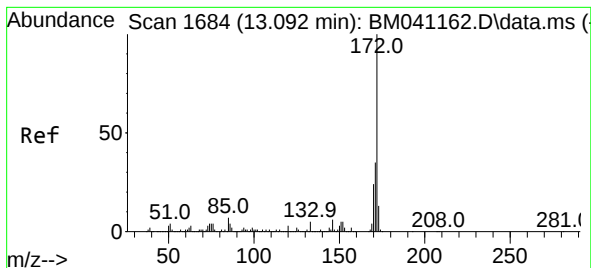


#44
2,4,5-Trichlorophenol
Concen: 53.143 ng
RT: 12.957 min Scan# 1661
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33



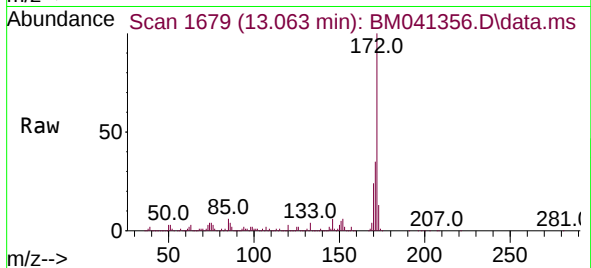
Tgt Ion:196 Resp: 496872
Ion Ratio Lower Upper
196 100
198 96.3 78.2 117.4
97 48.2 42.7 64.1
132 24.2 21.6 32.4





#45
2-Fluorobiphenyl
Concen: 90.167 ng
RT: 13.063 min Scan# 1684
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

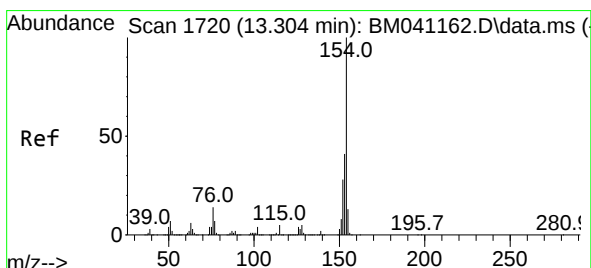
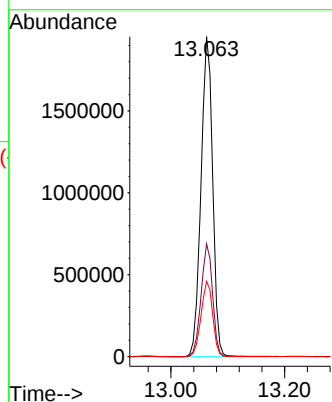
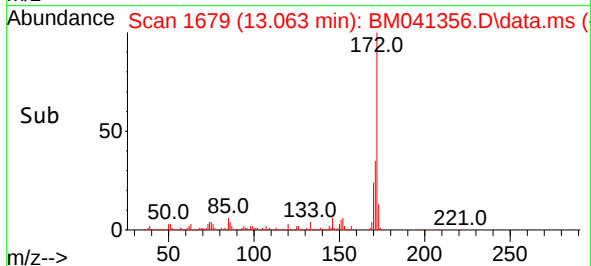
Instrument :
BNA_M
ClientSampleId :
PB154720BSD



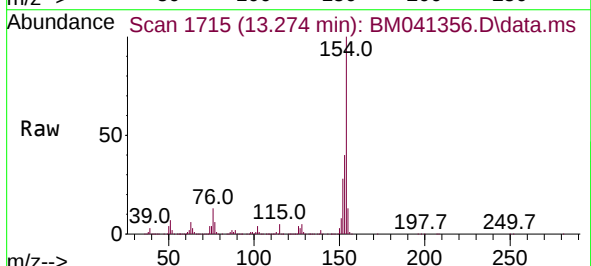
Tgt Ion:172 Resp: 2770436
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.5 18.9 28.3

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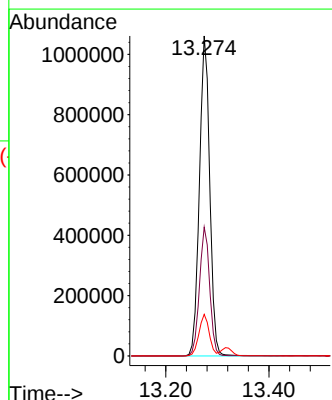
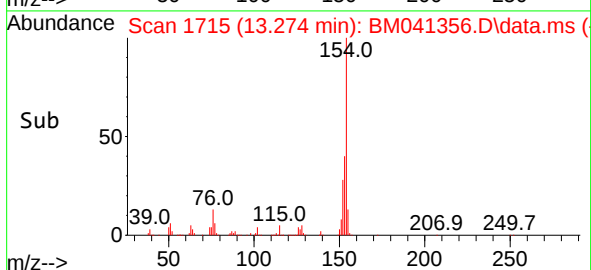
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

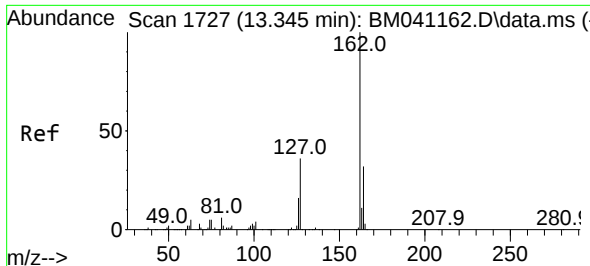


#46
1,1'-Biphenyl
Concen: 46.567 ng
RT: 13.274 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33



Tgt Ion:154 Resp: 1465279
Ion Ratio Lower Upper
154 100
153 40.2 20.5 60.5
76 13.0 0.0 34.1





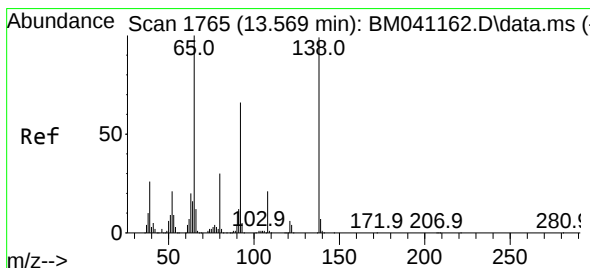
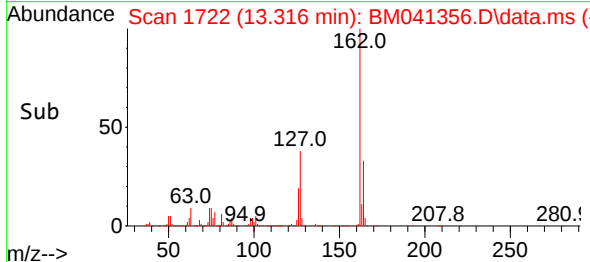
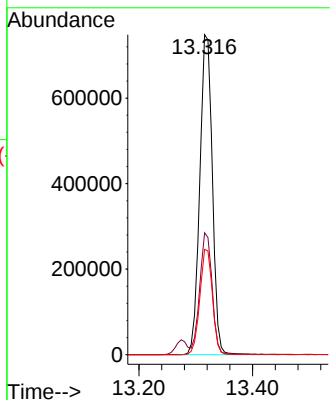
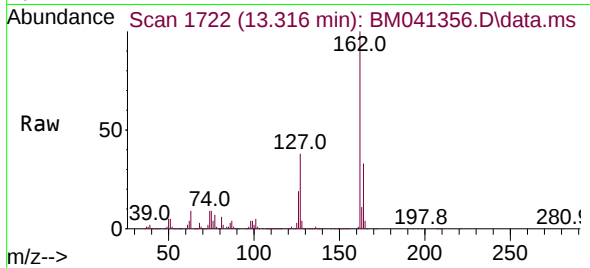
#47
2-Chloronaphthalene
Concen: 48.897 ng
RT: 13.316 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

Instrument :
BNA_M
ClientSampleId :
PB154720BSD

Tgt Ion:162 Resp: 1148826
Ion Ratio Lower Upper
162 100
127 38.1 30.6 45.8
164 32.9 25.6 38.4

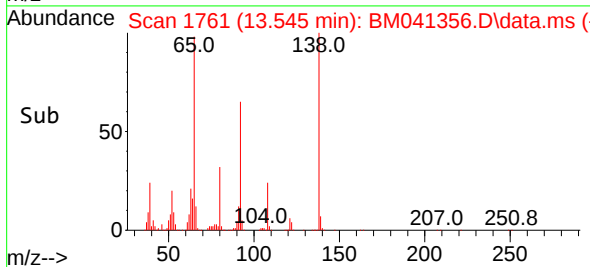
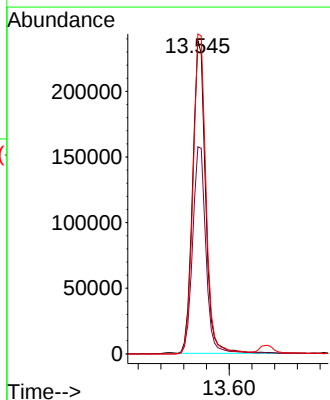
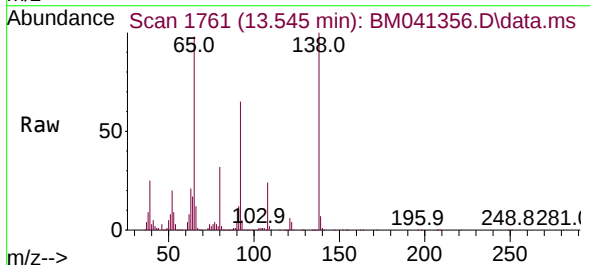
Manual Integrations
APPROVED

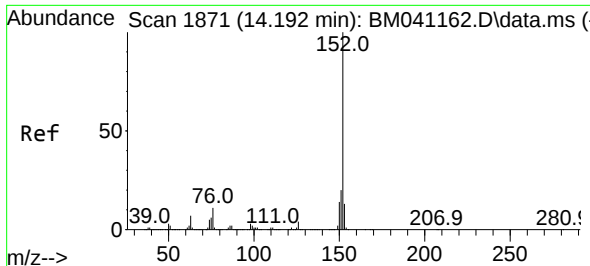
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#48
2-Nitroaniline
Concen: 49.948 ng
RT: 13.545 min Scan# 1761
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

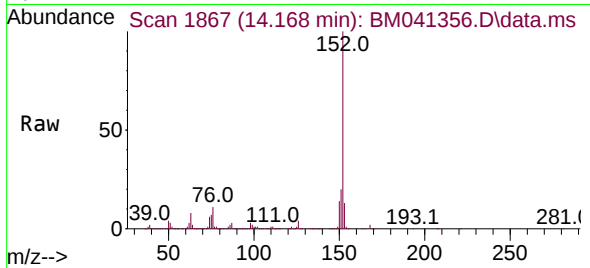
Tgt Ion: 65 Resp: 374585
Ion Ratio Lower Upper
65 100
92 66.1 53.0 79.4
138 102.2 79.1 118.7





#49
Acenaphthylene
Concen: 50.281 ng
RT: 14.168 min Scan# 1867
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

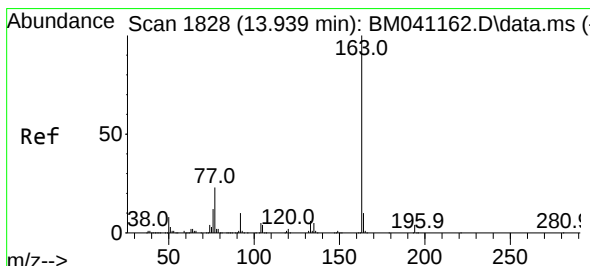
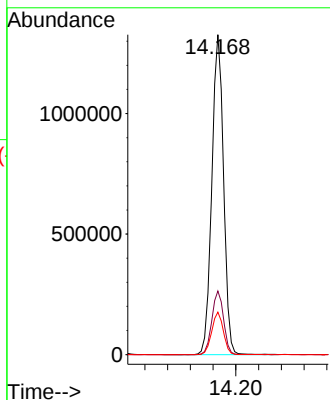
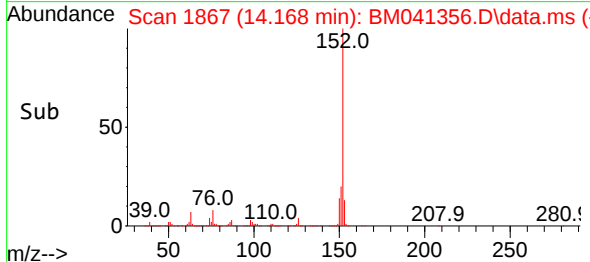
Instrument :
BNA_M
ClientSampleId :
PB154720BSD



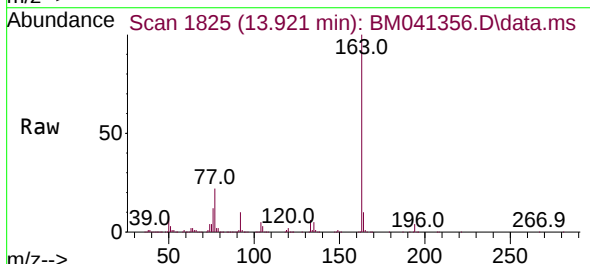
Tgt Ion:152 Resp: 1906776
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.3 10.5 15.7

Manual Integrations
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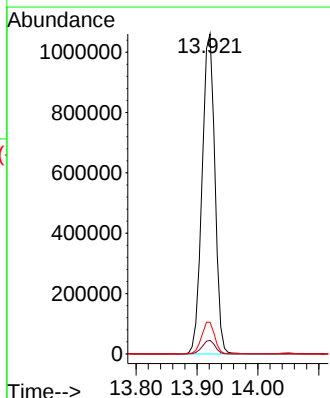
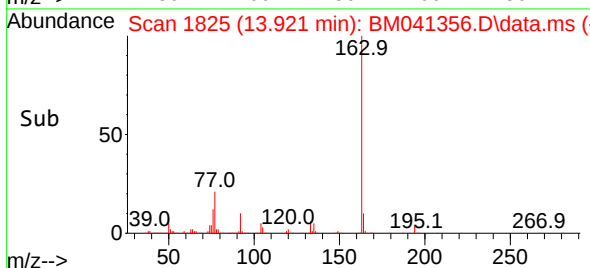
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

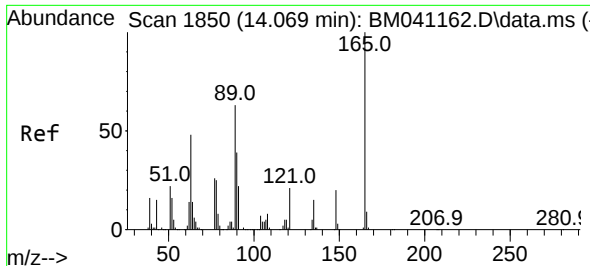


#50
Dimethylphthalate
Concen: 53.007 ng
RT: 13.921 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33



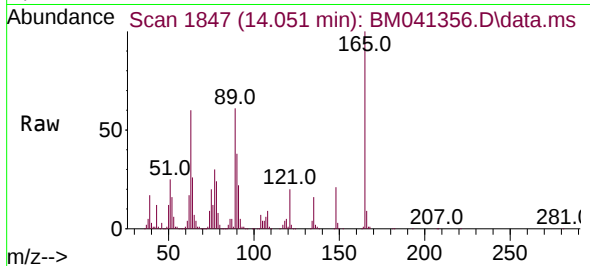
Tgt Ion:163 Resp: 1547627
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.9 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 55.983 ng
RT: 14.051 min Scan# 1850
Delta R.T. 0.006 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

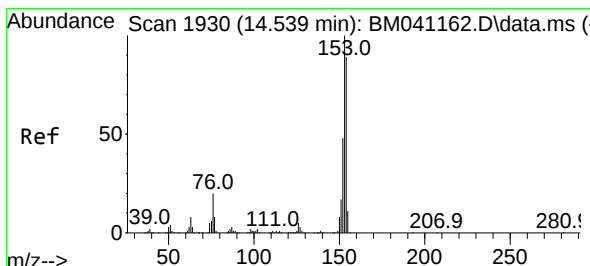
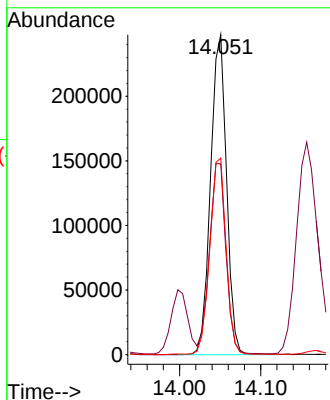
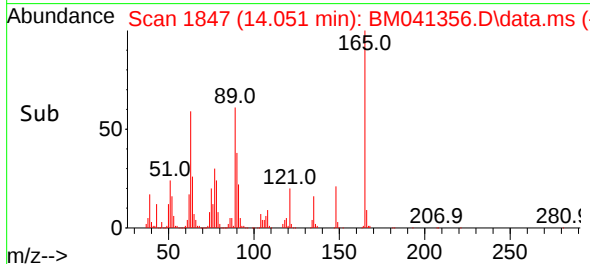
Instrument :
BNA_M
ClientSampleId :
PB154720BSD



Tgt Ion:165 Resp: 33867
Ion Ratio Lower Upper
165 100
63 59.6 50.9 76.3
89 61.4 50.6 76.0

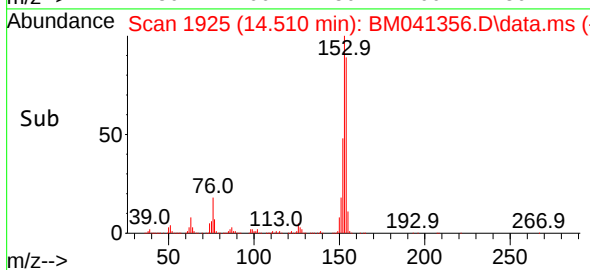
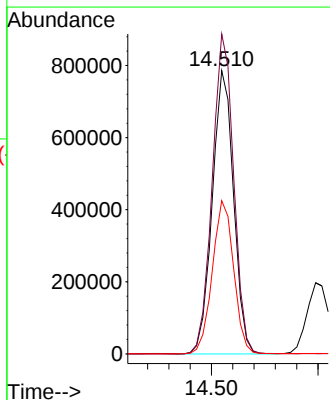
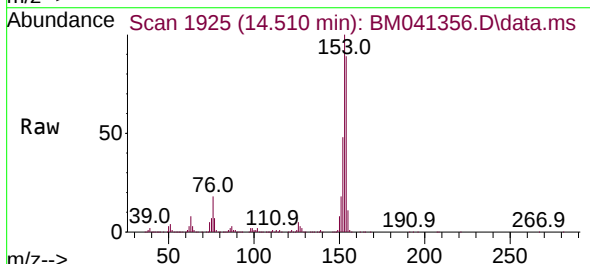
Manual Integrations
APPROVED

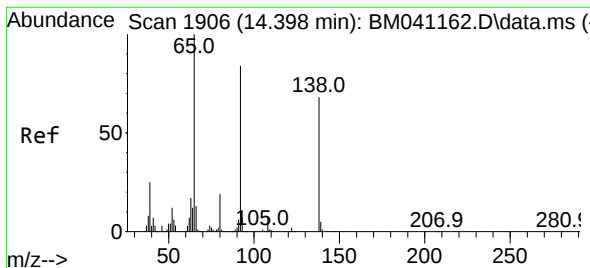
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#52
Acenaphthene
Concen: 47.924 ng
RT: 14.510 min Scan# 1925
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

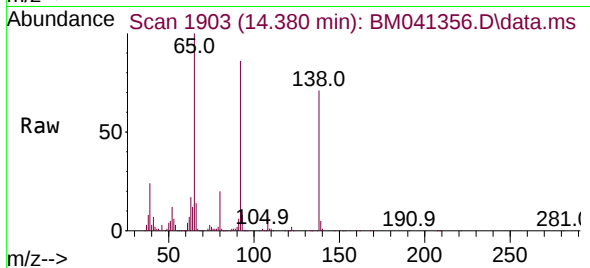
Tgt Ion:154 Resp: 1094859
Ion Ratio Lower Upper
154 100
153 113.0 90.2 135.4
152 54.1 43.4 65.0





#53
3-Nitroaniline
Concen: 34.626 ng
RT: 14.380 min Scan# 1906
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

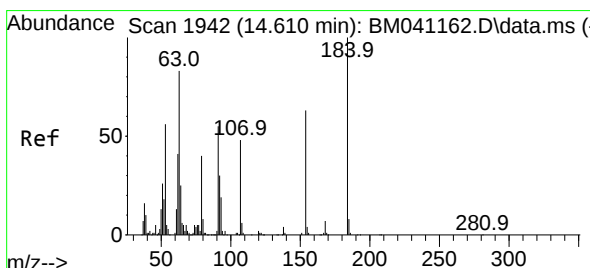
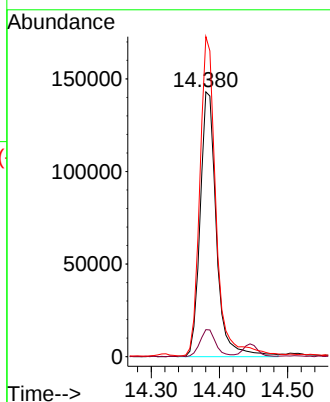
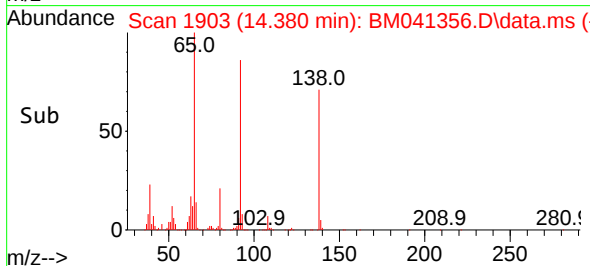
Instrument :
BNA_M
ClientSampleId :
PB154720BSD



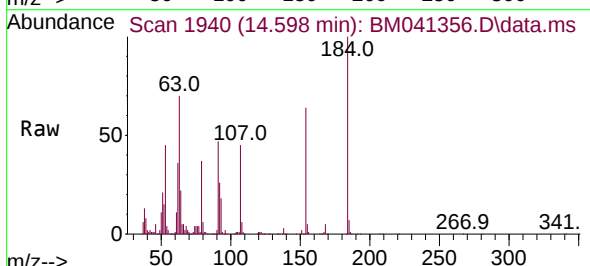
Tgt Ion:138 Resp: 237082
Ion Ratio Lower Upper
138 100
108 10.2 7.6 11.4
92 120.9 98.9 148.3

Manual Integrations
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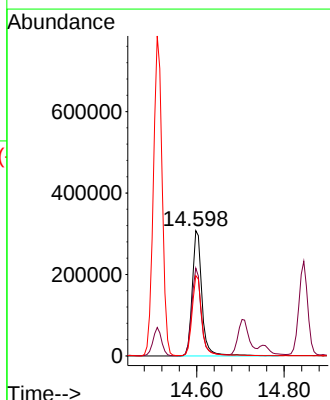
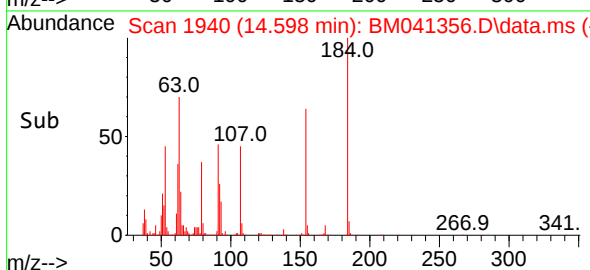
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

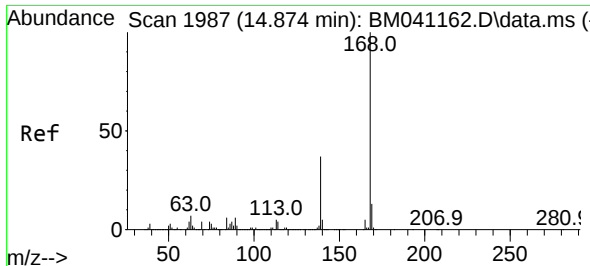


#54
2,4-Dinitrophenol
Concen: 113.817 ng
RT: 14.598 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33



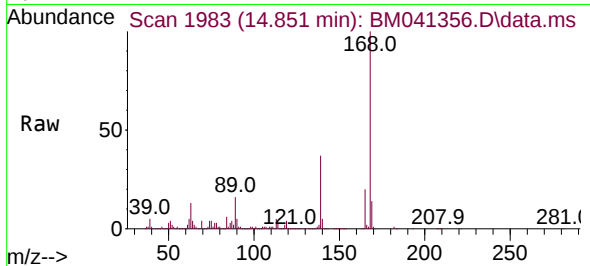
Tgt Ion:184 Resp: 475841
Ion Ratio Lower Upper
184 100
63 70.1 66.5 99.7
154 64.2 52.8 79.2





#55
Dibenzofuran
Concen: 49.289 ng
RT: 14.851 min Scan# 1983
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

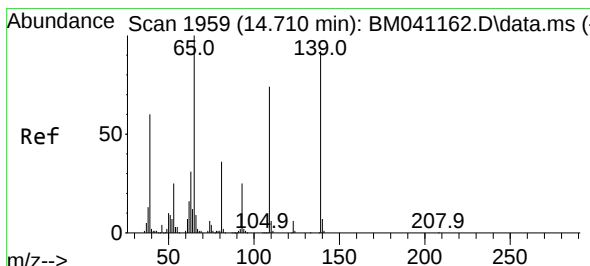
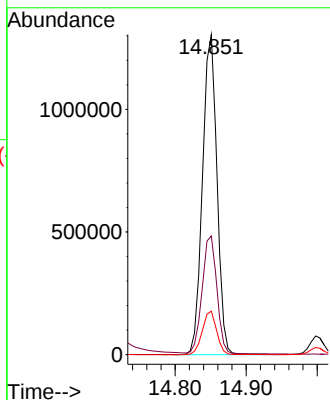
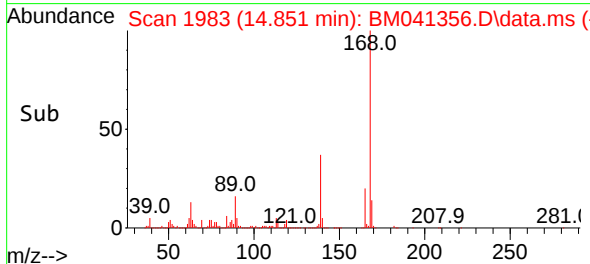
Instrument :
BNA_M
ClientSampleId :
PB154720BSD



Tgt Ion:168 Resp: 1837174
Ion Ratio Lower Upper
168 100
139 37.1 29.8 44.6
169 13.6 10.5 15.7

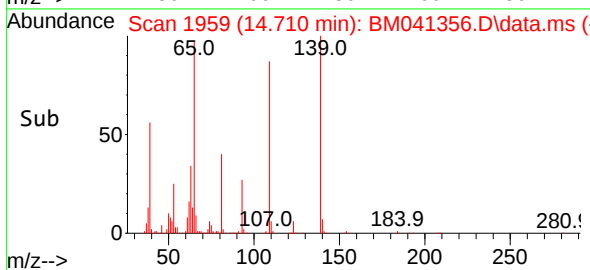
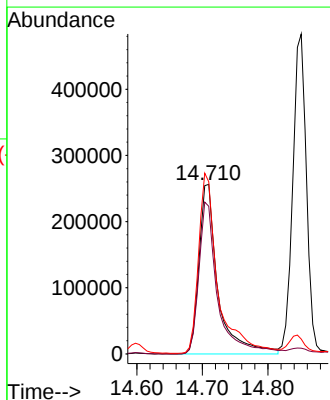
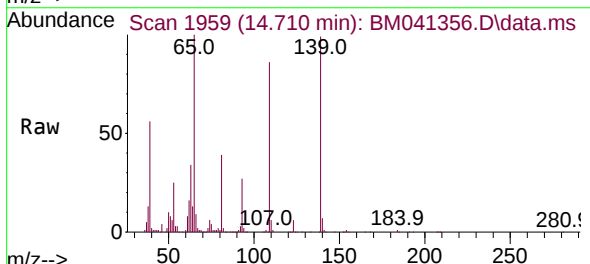
Manual Integrations
APPROVED

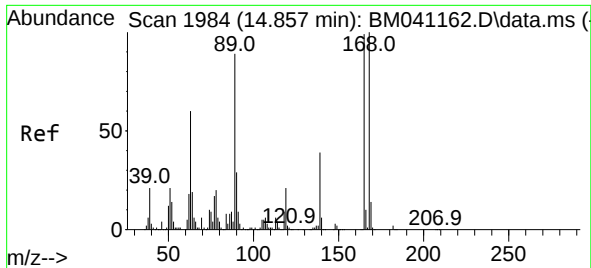
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#56
4-Nitrophenol
Concen: 102.192 ng
RT: 14.710 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

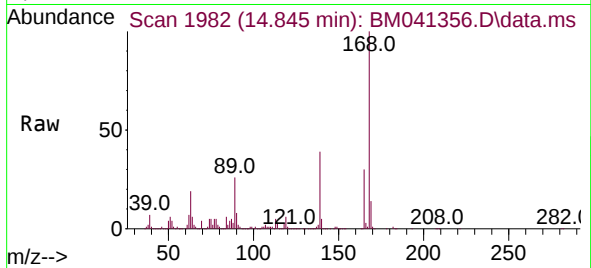
Tgt Ion:139 Resp: 515233
Ion Ratio Lower Upper
139 100
109 87.0 61.2 101.2
65 101.5 89.5 129.5





#57
2,4-Dinitrotoluene
Concen: 55.313 ng
RT: 14.845 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

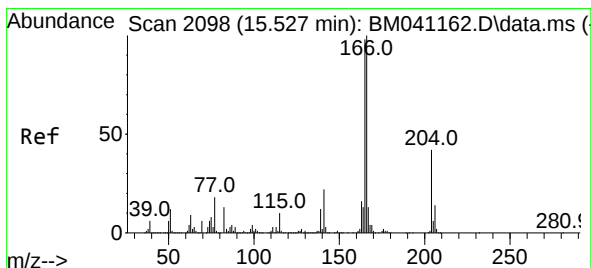
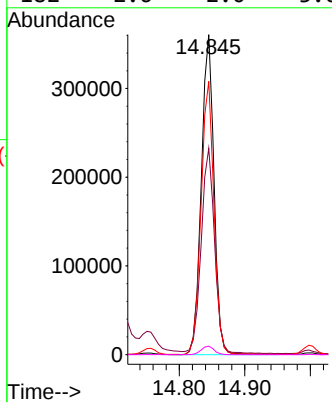
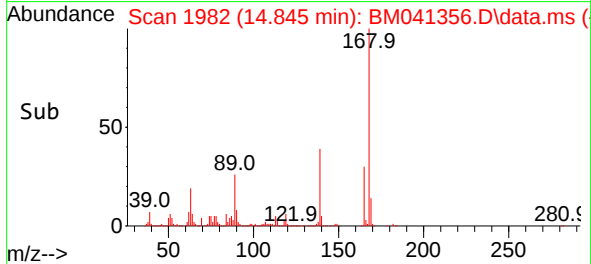
Instrument :
BNA_M
ClientSampleId :
PB154720BSD



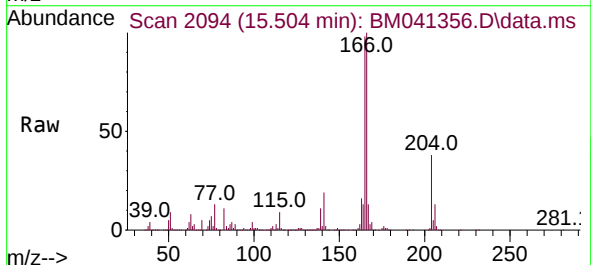
Tgt Ion:165 Resp: 481579
Ion Ratio Lower Upper
165 100
63 64.5 48.3 72.5
89 85.4 71.8 107.8
182 2.6 2.0 3.0

Manual Integrations
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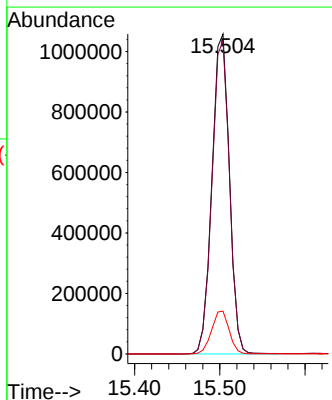
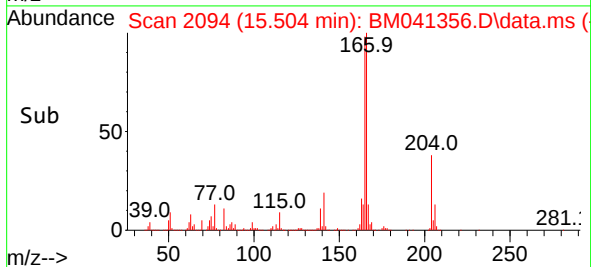
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

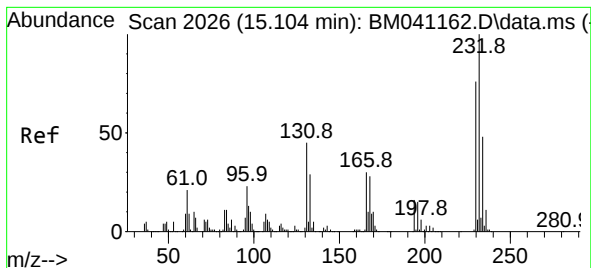


#58
Fluorene
Concen: 51.121 ng
RT: 15.504 min Scan# 2094
Delta R.T. 0.006 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33



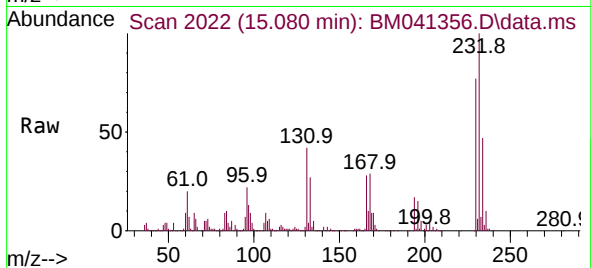
Tgt Ion:166 Resp: 1503191
Ion Ratio Lower Upper
166 100
165 97.8 78.2 117.4
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 60.698 ng
RT: 15.080 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

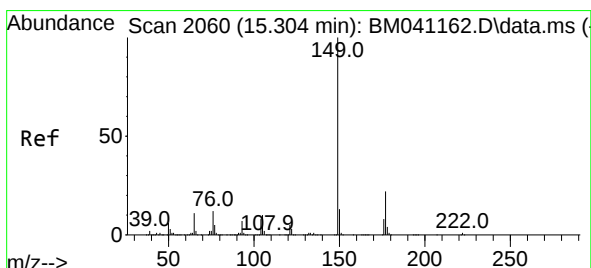
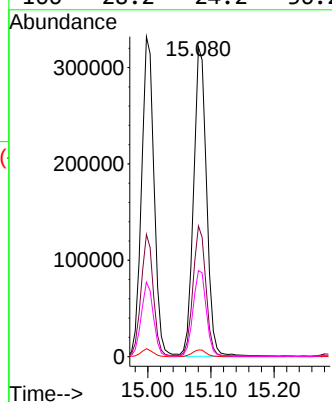
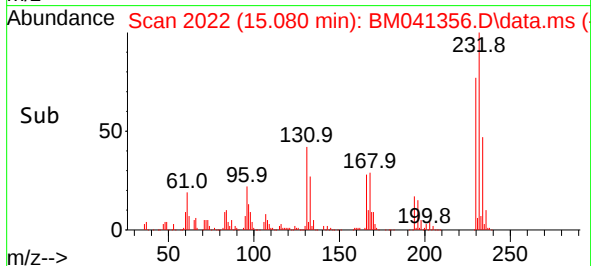
Instrument :
BNA_M
ClientSampleId :
PB154720BSD



Tgt Ion:232 Resp: 459550
Ion Ratio Lower Upper
232 100
131 41.8 36.9 55.3
130 2.3 2.0 3.0
166 28.2 24.2 36.2

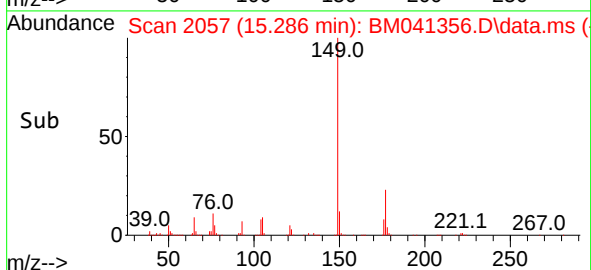
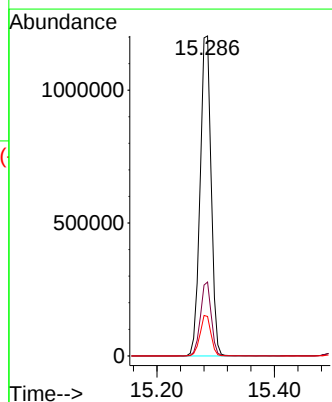
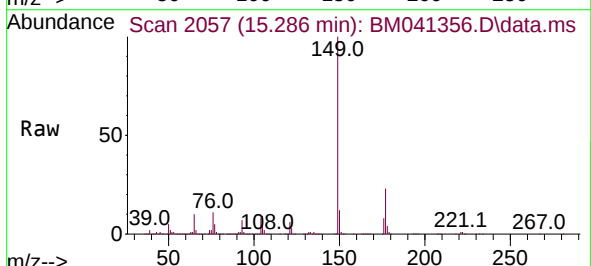
Manual Integrations
APPROVED

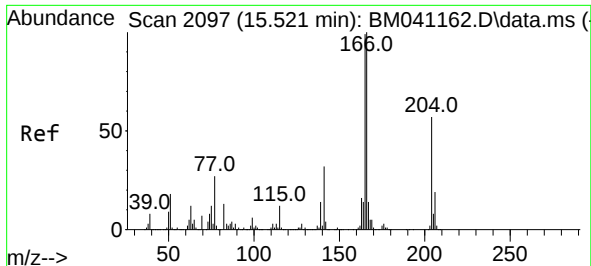
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#60
Diethylphthalate
Concen: 55.349 ng
RT: 15.286 min Scan# 2057
Delta R.T. 0.006 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

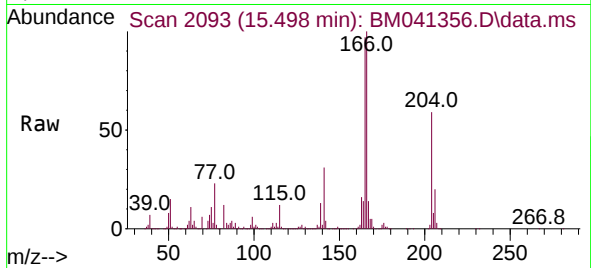
Tgt Ion:149 Resp: 1562749
Ion Ratio Lower Upper
149 100
177 23.1 17.5 26.3
150 12.3 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 53.845 ng
RT: 15.498 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

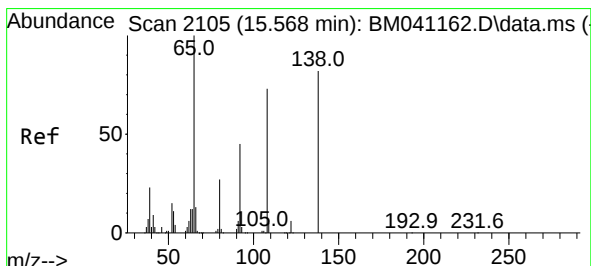
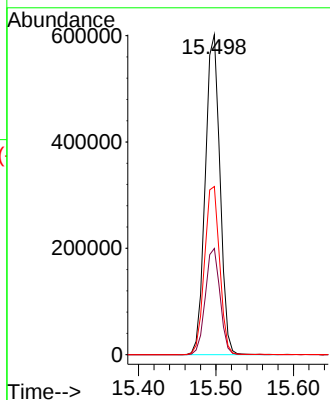
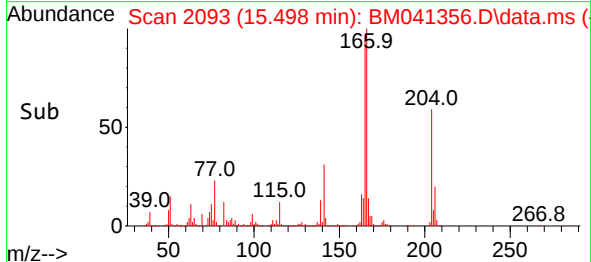
Instrument :
BNA_M
ClientSampleId :
PB154720BSD



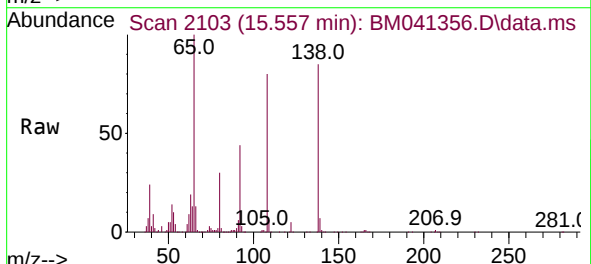
Tgt Ion:204 Resp: 793406
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 52.5 44.8 67.2

Manual Integrations
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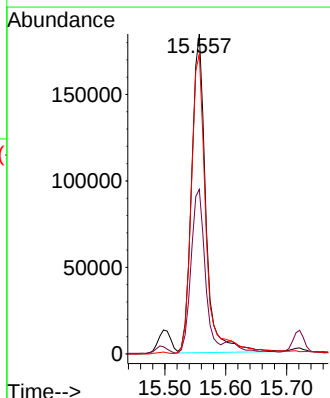
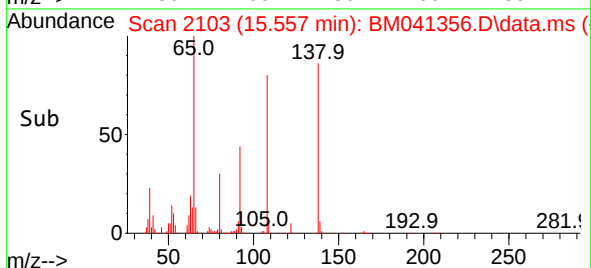
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

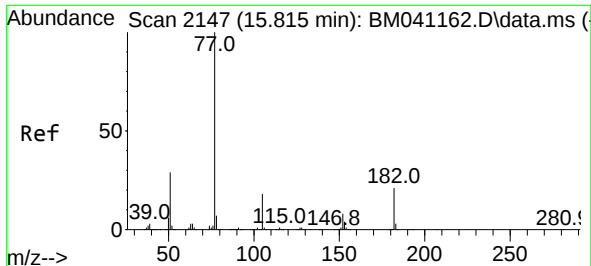


#62
4-Nitroaniline
Concen: 46.376 ng
RT: 15.557 min Scan# 2103
Delta R.T. 0.006 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33



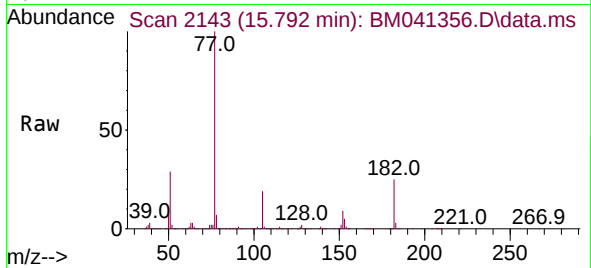
Tgt Ion:138 Resp: 298235
Ion Ratio Lower Upper
138 100
92 51.4 35.1 75.1
108 93.7 67.8 107.8





#63
Azobenzene
Concen: 50.502 ng
RT: 15.792 min Scan# 2143
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

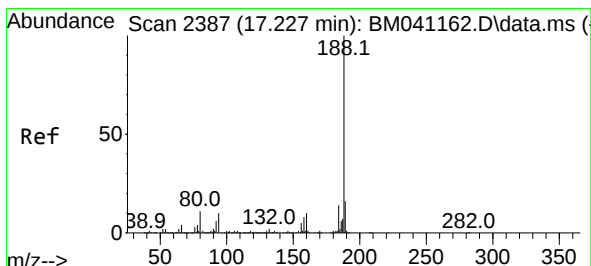
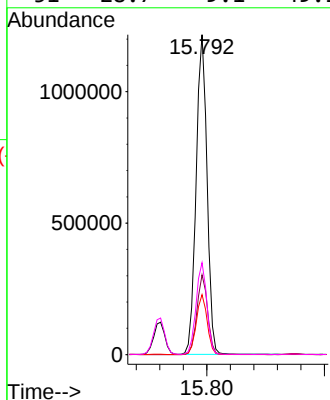
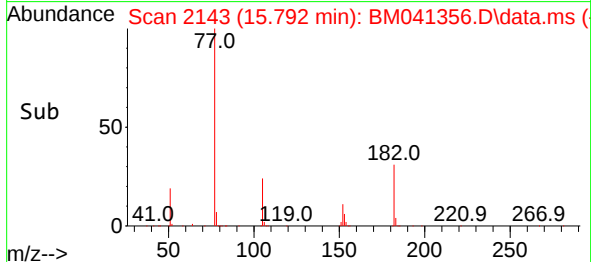
Instrument :
BNA_M
ClientSampleId :
PB154720BSD



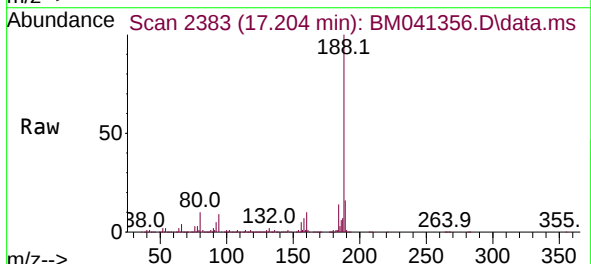
Tgt Ion: 77 Resp: 1561913
Ion Ratio Lower Upper
77 100
182 24.9 1.3 41.3
105 18.7 0.0 38.5
51 28.7 9.1 49.1

Manual Integrations
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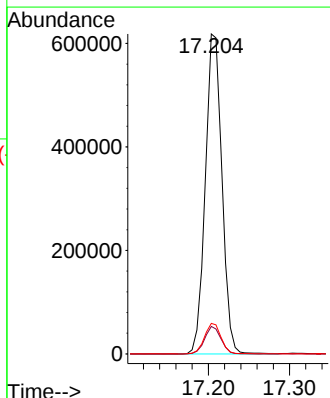
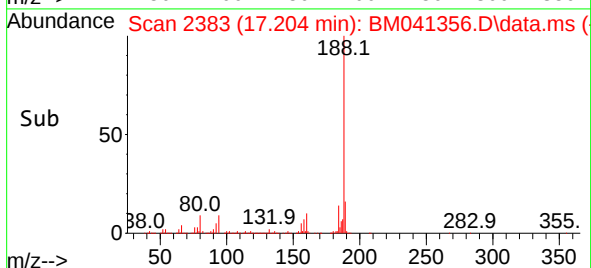
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

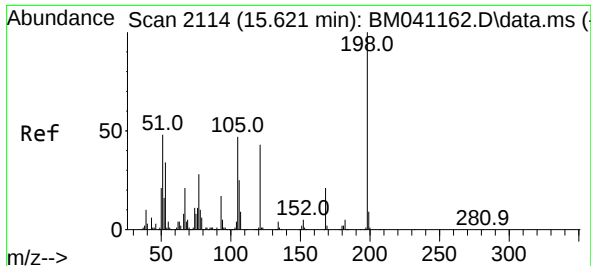


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2383
Delta R.T. -0.006 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33



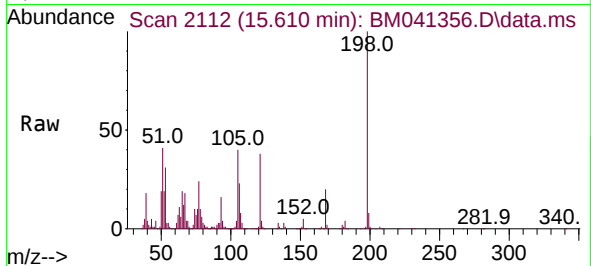
Tgt Ion:188 Resp: 882007
Ion Ratio Lower Upper
188 100
94 8.6 8.2 12.2
80 9.5 8.6 13.0





#65
4,6-Dinitro-2-methylphenol
Concen: 56.935 ng
RT: 15.610 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

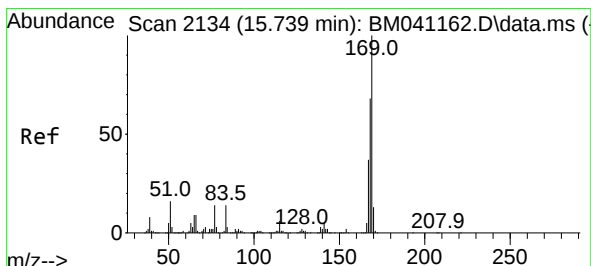
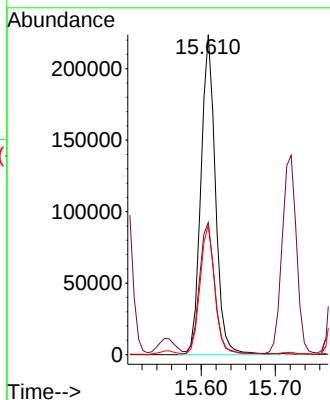
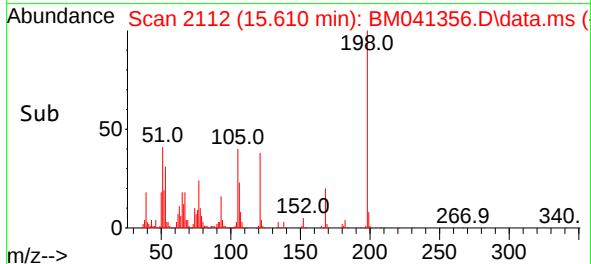
Instrument :
BNA_M
ClientSampleId :
PB154720BSD



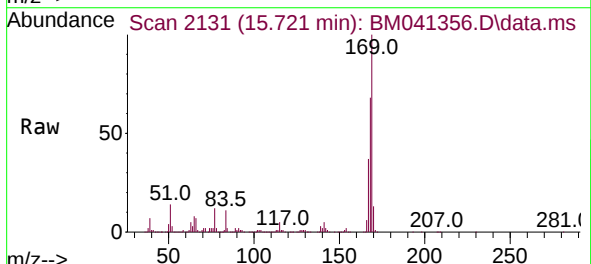
Tgt Ion:198 Resp: 304210
Ion Ratio Lower Upper
198 100
51 41.2 31.7 71.7
105 40.5 27.8 67.8

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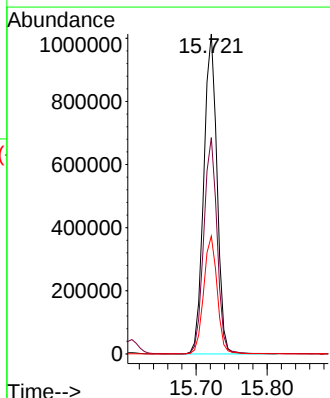
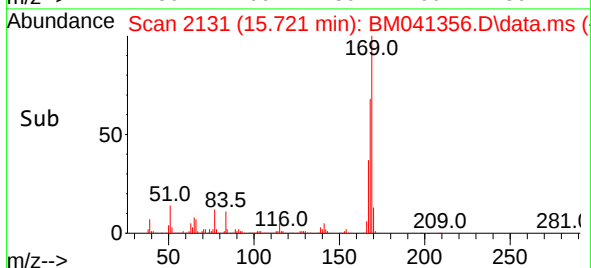
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

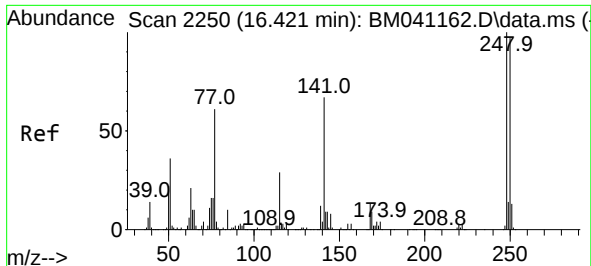


#66
n-Nitrosodiphenylamine
Concen: 47.588 ng
RT: 15.721 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33



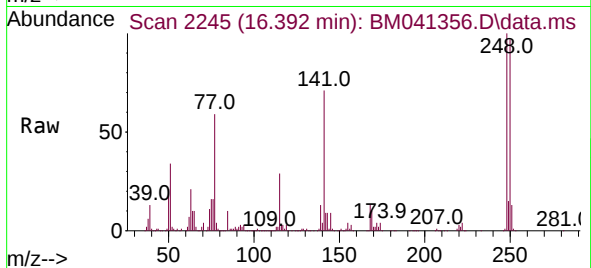
Tgt Ion:169 Resp: 1305389
Ion Ratio Lower Upper
169 100
168 67.6 54.6 81.8
167 36.8 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 51.860 ng
RT: 16.392 min Scan# 2245
Delta R.T. -0.006 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

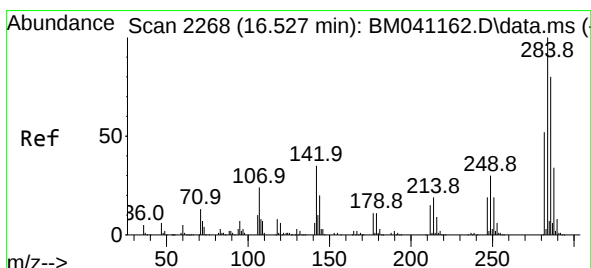
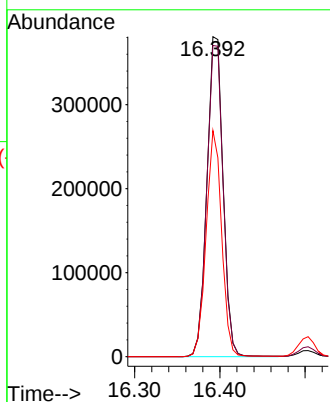
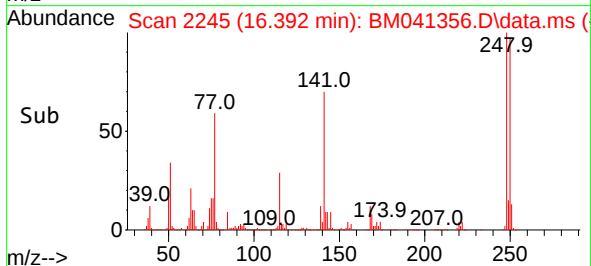
Instrument :
BNA_M
ClientSampleId :
PB154720BSD



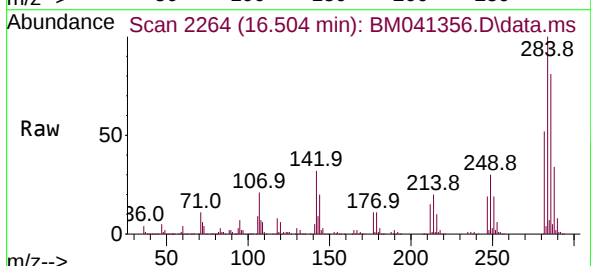
Tgt Ion:248 Resp: 501516
Ion Ratio Lower Upper
248 100
250 97.2 78.0 117.0
141 70.6 53.8 80.8

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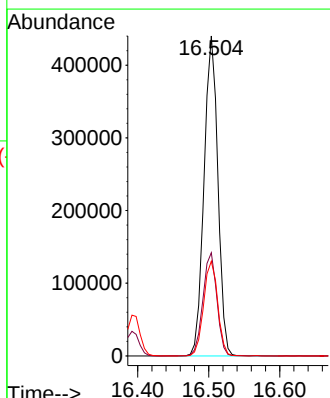
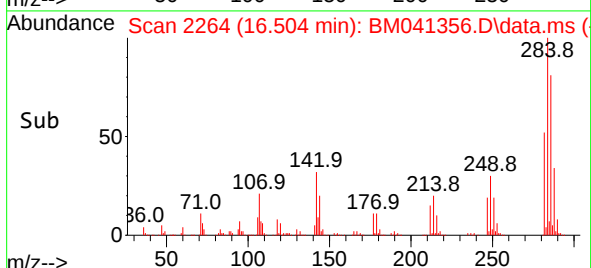
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

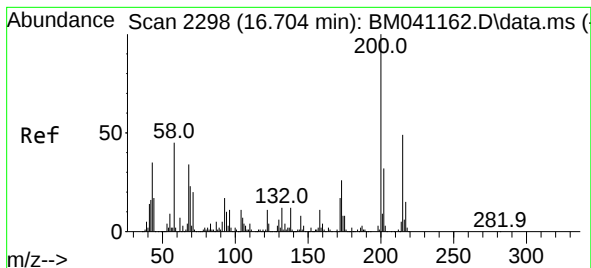


#68
Hexachlorobenzene
Concen: 55.031 ng
RT: 16.504 min Scan# 2264
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33



Tgt Ion:284 Resp: 591762
Ion Ratio Lower Upper
284 100
142 32.2 28.0 42.0
249 29.6 23.7 35.5





#69

Atrazine

Concen: 70.833 ng

RT: 16.686 min Scan# 2298

Delta R.T. -0.000 min

Lab File: BM041356.D

Acq: 10 Aug 2023 10:33

Instrument :

BNA_M

ClientSampleId :

PB154720BSD

Tgt Ion:200 Resp: 510266

Ion Ratio Lower Upper

200 100

173 24.3 5.6 45.6

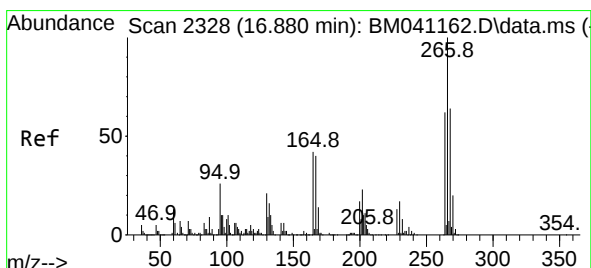
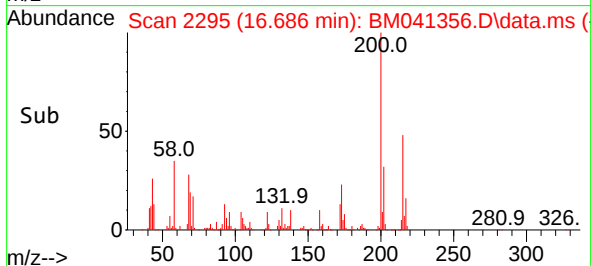
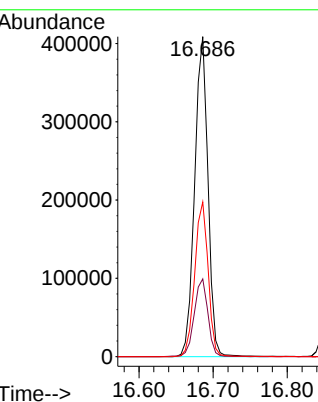
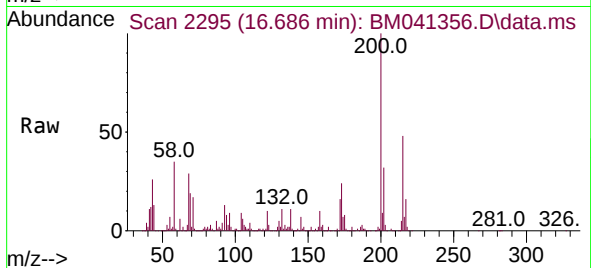
215 48.3 28.5 68.5

Manual Integrations

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Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/11/2023



#70

Pentachlorophenol

Concen: 95.507 ng

RT: 16.862 min Scan# 2325

Delta R.T. -0.000 min

Lab File: BM041356.D

Acq: 10 Aug 2023 10:33

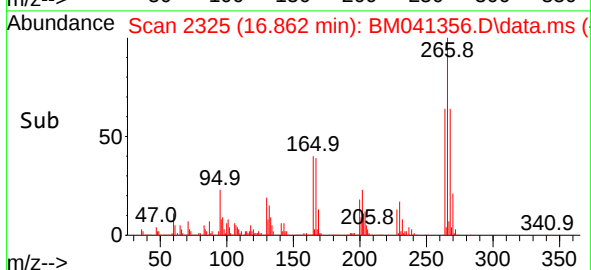
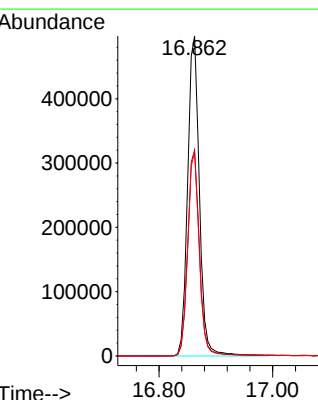
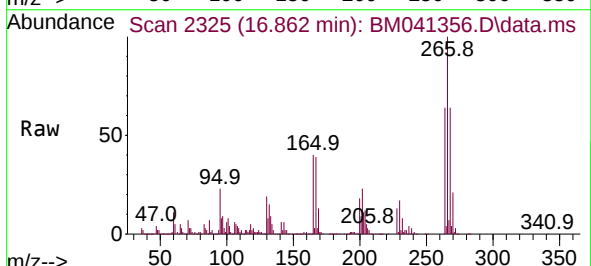
Tgt Ion:266 Resp: 711156

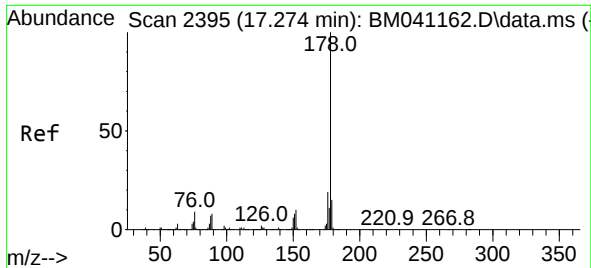
Ion Ratio Lower Upper

266 100

268 64.3 51.0 76.6

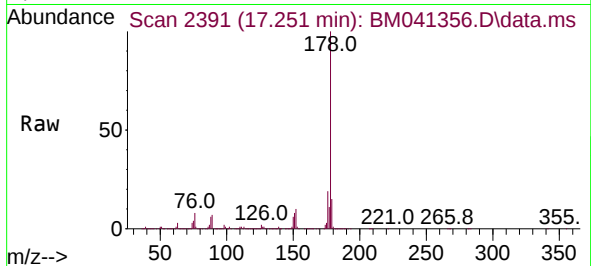
264 63.6 49.4 74.2





#71
Phenanthrene
Concen: 48.989 ng
RT: 17.251 min Scan# 2391
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

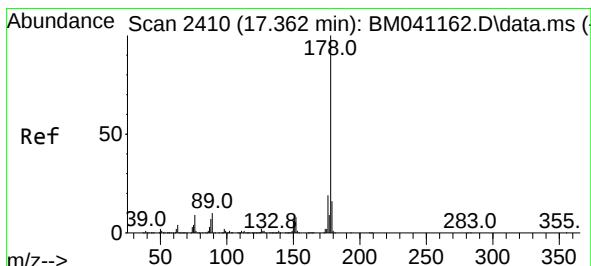
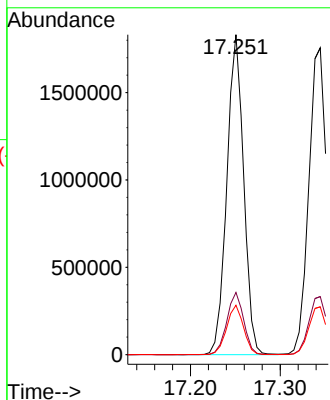
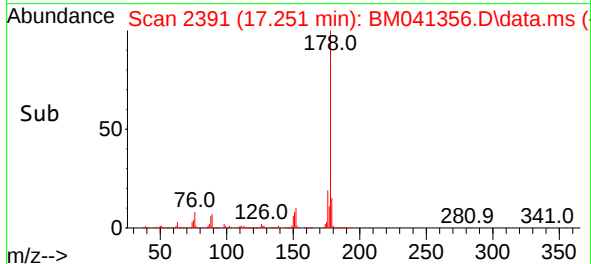
Instrument :
BNA_M
ClientSampleId :
PB154720BSD



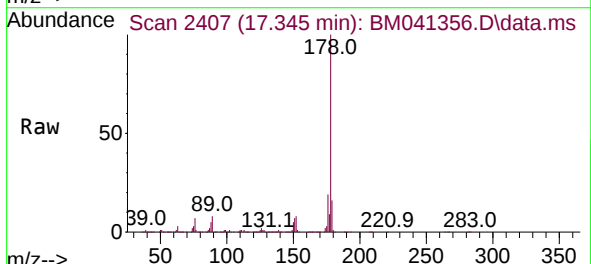
Tgt Ion:178 Resp: 2400681
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.4 12.1 18.1

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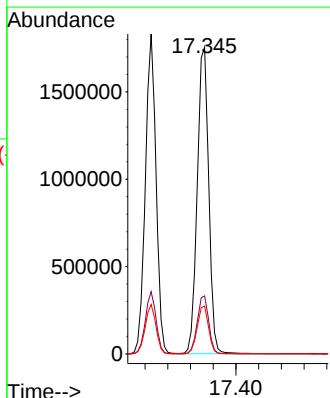
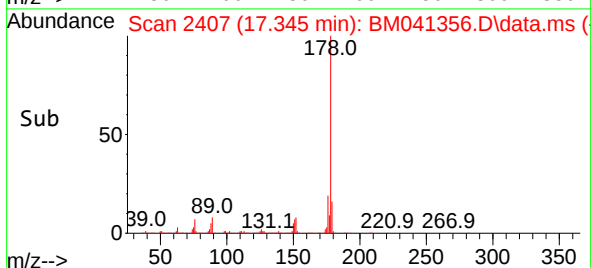
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

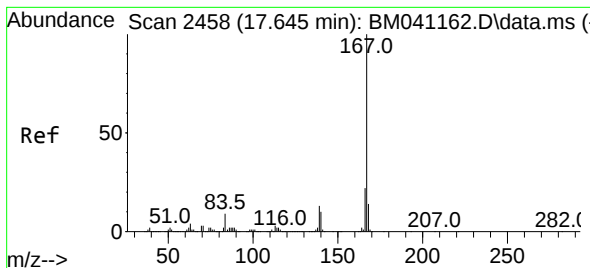


#72
Anthracene
Concen: 50.671 ng
RT: 17.345 min Scan# 2407
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33



Tgt Ion:178 Resp: 2455865
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 15.6 12.4 18.6





#73

Carbazole

Concen: 50.506 ng

RT: 17.627 min Scan# 2455

Delta R.T. -0.000 min

Lab File: BM041356.D

Acq: 10 Aug 2023 10:33

Instrument :

BNA_M

ClientSampleId :

PB154720BSD

Tgt Ion:167 Resp: 221556

Ion Ratio Lower Upper

167 100

166 21.7 17.3 25.9

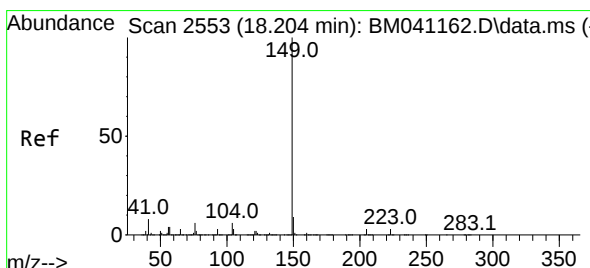
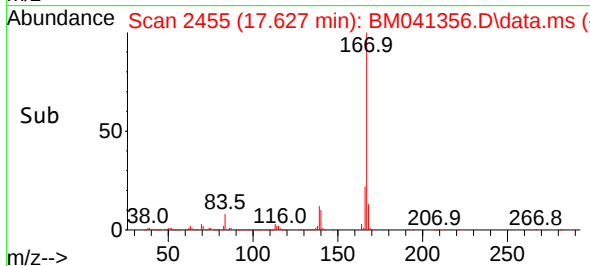
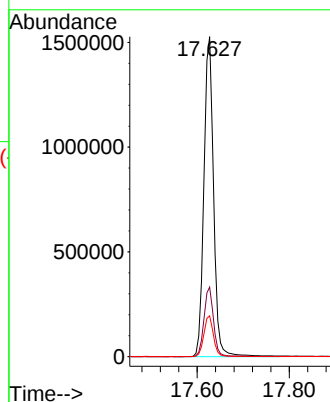
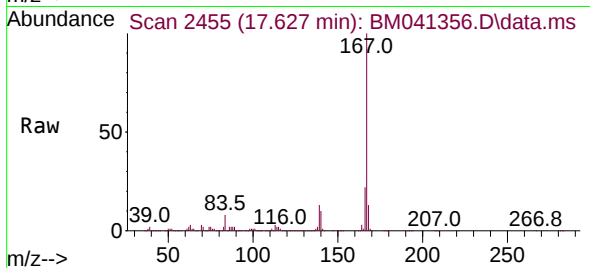
139 12.7 10.3 15.5

Manual Integrations

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Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/11/2023



#74

Di-n-butylphthalate

Concen: 56.913 ng

RT: 18.180 min Scan# 2549

Delta R.T. -0.000 min

Lab File: BM041356.D

Acq: 10 Aug 2023 10:33

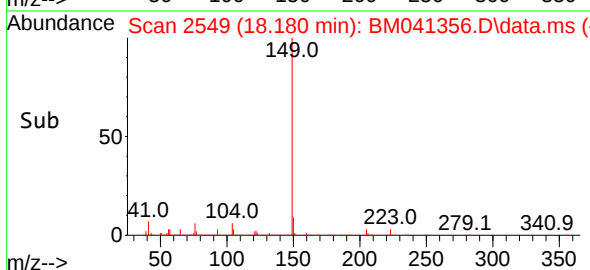
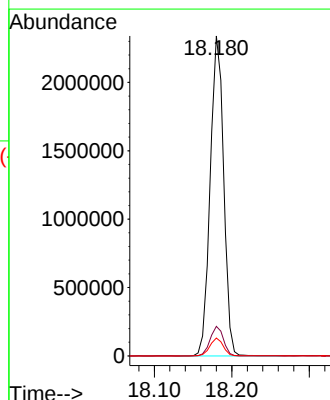
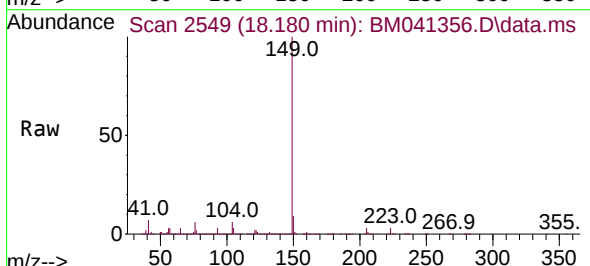
Tgt Ion:149 Resp: 2821179

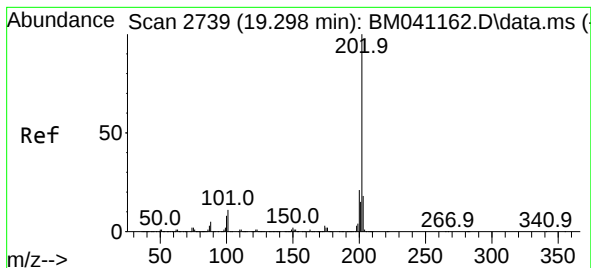
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

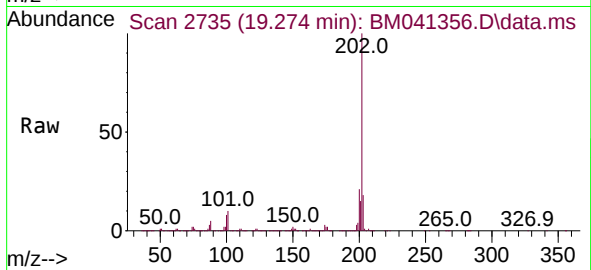
104 5.6 4.5 6.7





#75
Fluoranthene
Concen: 54.129 ng
RT: 19.274 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

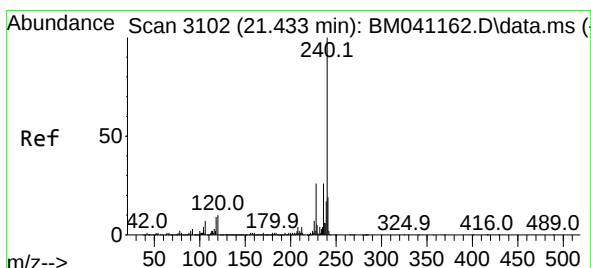
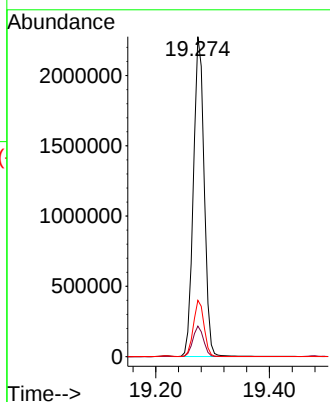
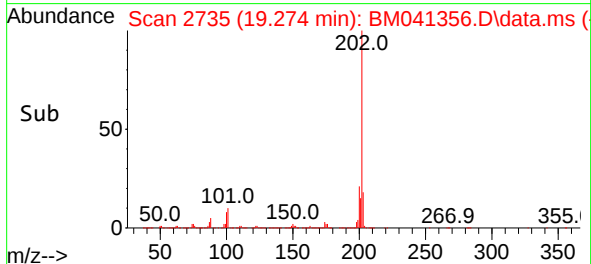
Instrument :
BNA_M
ClientSampleId :
PB154720BSD



Tgt Ion:202 Resp: 2980108
Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.8
203 17.6 0.0 37.6

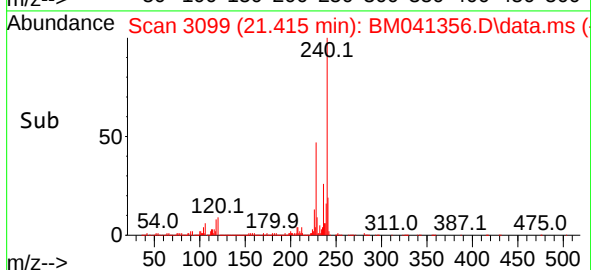
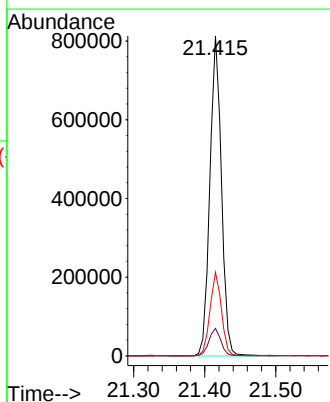
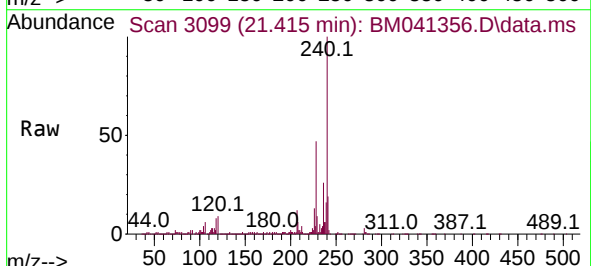
Manual Integrations
APPROVED

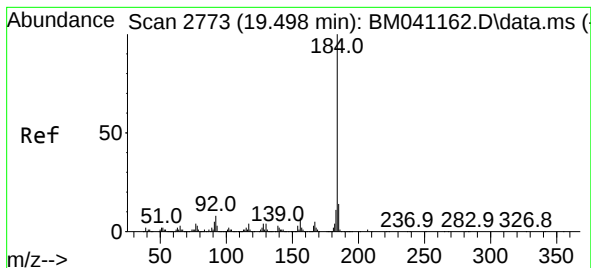
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3099
Delta R.T. -0.000 min
Lab File: BM041356.D
Acq: 10 Aug 2023 10:33

Tgt Ion:240 Resp: 916470
Ion Ratio Lower Upper
240 100
120 8.6 8.3 12.5
236 26.1 20.6 30.8





#77

Benzidine

Concen: 92.190 ng

RT: 19.480 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041356.D

Acq: 10 Aug 2023 10:33

Instrument :

BNA_M

ClientSampleId :

PB154720BSD

Tgt Ion:184 Resp: 1151578

Ion Ratio Lower Upper

184 100

185 13.9 11.4 17.0

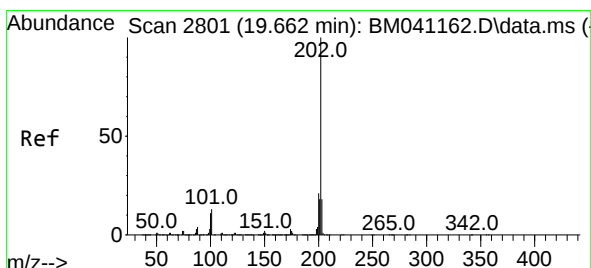
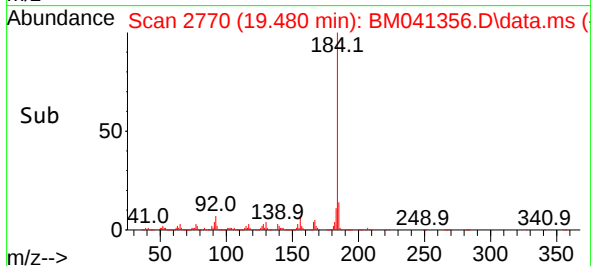
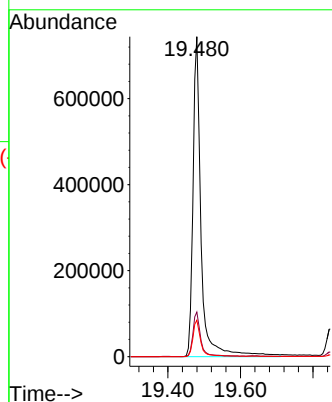
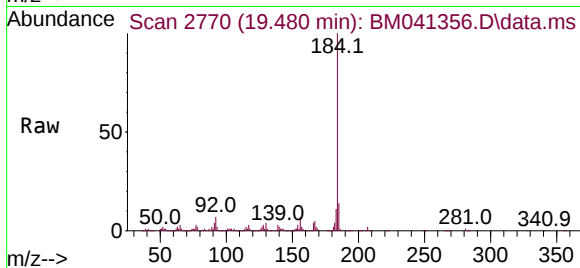
183 11.4 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/11/2023



#78

Pyrene

Concen: 48.598 ng

RT: 19.639 min Scan# 2797

Delta R.T. -0.006 min

Lab File: BM041356.D

Acq: 10 Aug 2023 10:33

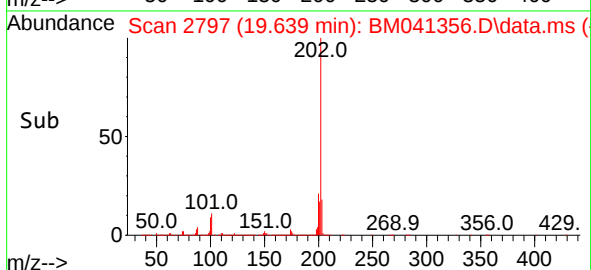
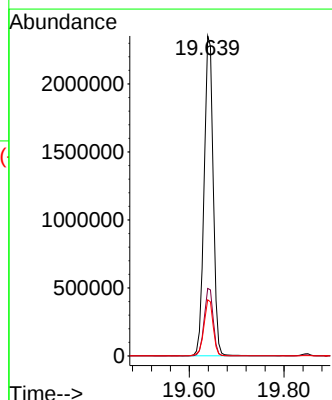
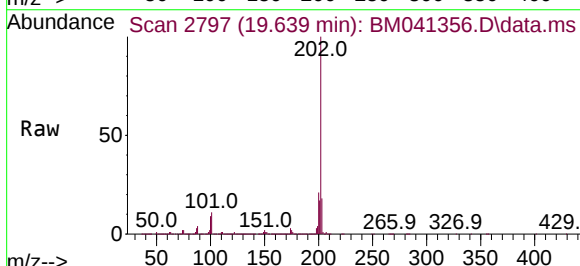
Tgt Ion:202 Resp: 3114646

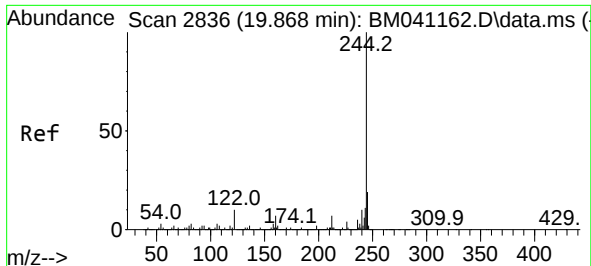
Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

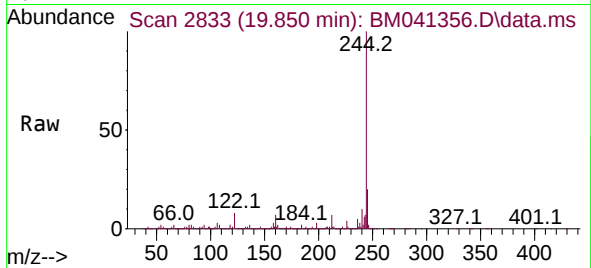
203 17.5 14.1 21.1





#79
 Terphenyl-d14
 Concen: 100.971 ng
 RT: 19.850 min Scan# 2833
 Delta R.T. -0.000 min
 Lab File: BM041356.D
 Acq: 10 Aug 2023 10:33

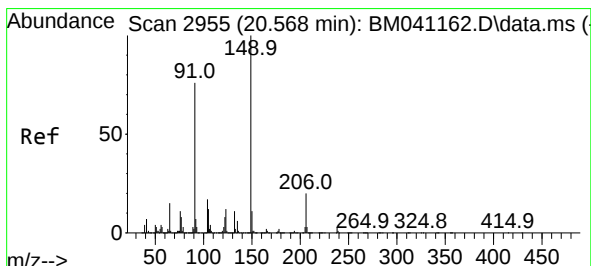
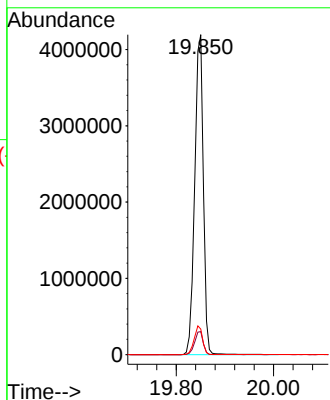
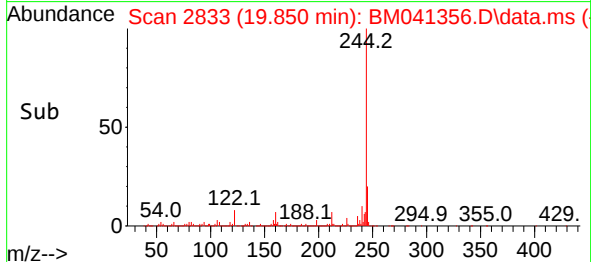
Instrument :
 BNA_M
 ClientSampleId :
 PB154720BSD



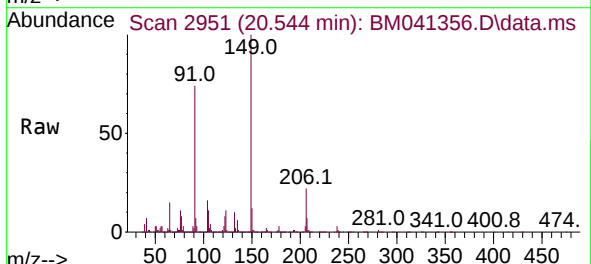
Tgt Ion:244 Resp: 5118042
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 8.0 7.8 11.6

Manual Integrations
 APPROVED

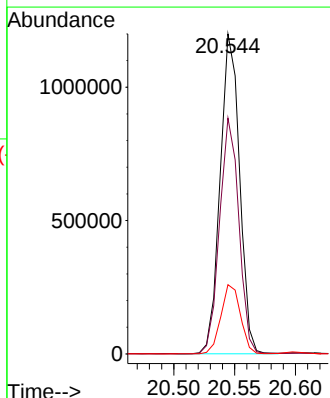
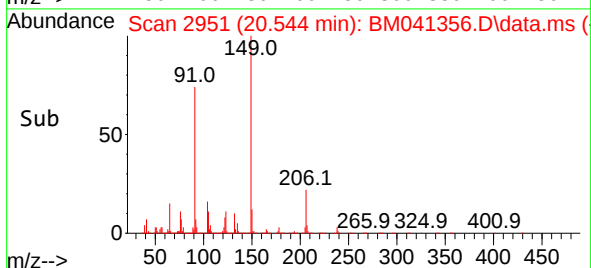
Reviewed By :Yogesh Patel 08/11/2023
 Supervised By :mohammad ahmed 08/11/2023

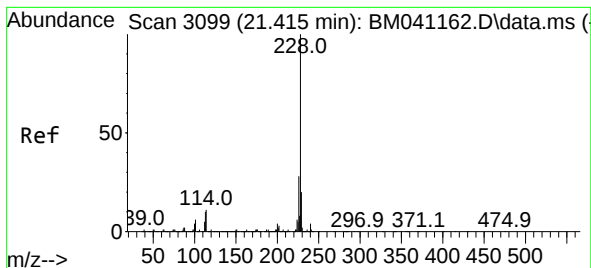


#80
 Butylbenzylphthalate
 Concen: 56.828 ng
 RT: 20.544 min Scan# 2951
 Delta R.T. -0.006 min
 Lab File: BM041356.D
 Acq: 10 Aug 2023 10:33



Tgt Ion:149 Resp: 1330037
 Ion Ratio Lower Upper
 149 100
 91 73.7 60.8 91.2
 206 21.6 16.4 24.6





#81

Benzo(a)anthracene

Concen: 52.172 ng

RT: 21.403 min Scan# 3097

Delta R.T. -0.000 min

Lab File: BM041356.D

Acq: 10 Aug 2023 10:33

Instrument :

BNA_M

ClientSampleId :

PB154720BSD

Tgt Ion:228 Resp: 3241388

Ion Ratio Lower Upper

228 100

226 27.2 22.4 33.6

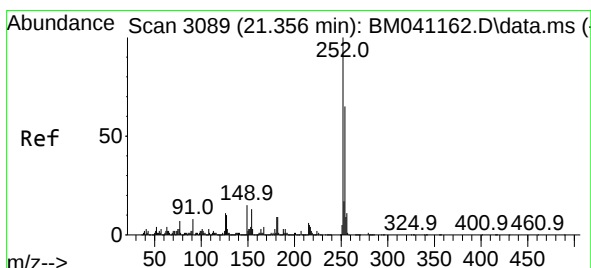
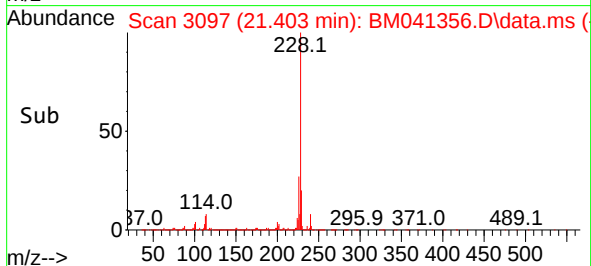
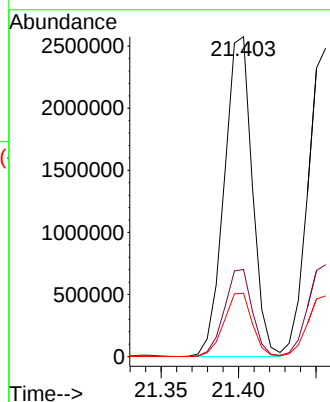
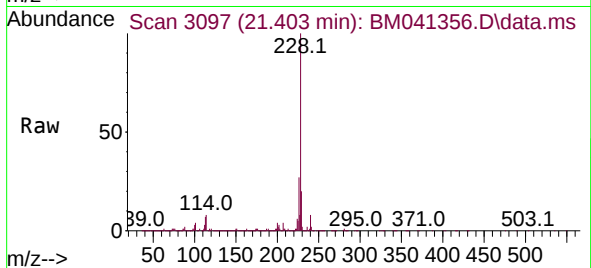
229 19.8 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/11/2023



#82

3,3'-Dichlorobenzidine

Concen: 46.128 ng

RT: 21.339 min Scan# 3086

Delta R.T. -0.000 min

Lab File: BM041356.D

Acq: 10 Aug 2023 10:33

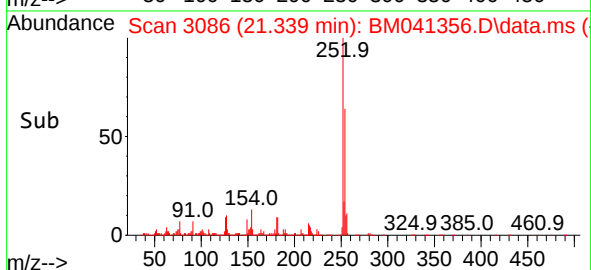
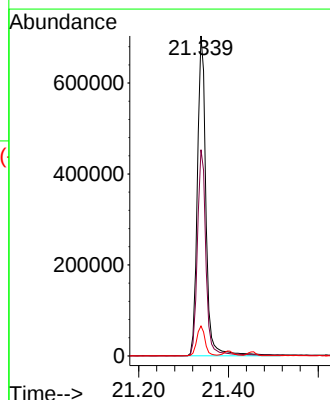
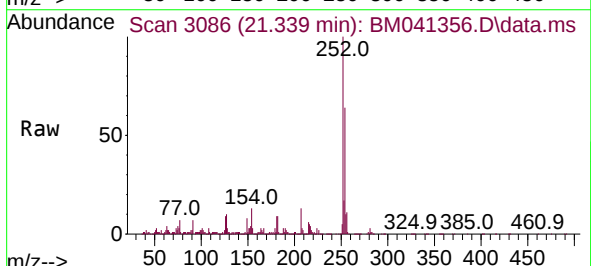
Tgt Ion:252 Resp: 935168

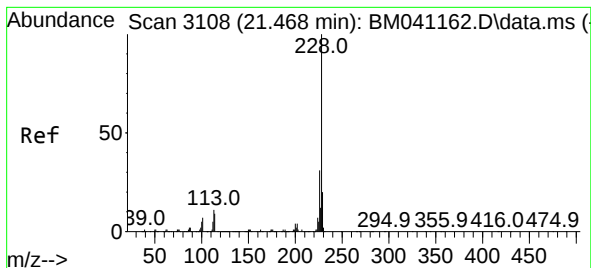
Ion Ratio Lower Upper

252 100

254 64.4 51.8 77.6

126 9.3 8.6 13.0





#83

Chrysene

Concen: 49.940 ng

RT: 21.456 min Scan# 3108

Delta R.T. -0.000 min

Lab File: BM041356.D

Acq: 10 Aug 2023 10:33

Instrument :

BNA_M

ClientSampleId :

PB154720BSD

Tgt Ion:228 Resp: 300112

Ion Ratio Lower Upper

228 100

226 29.8 24.5 36.7

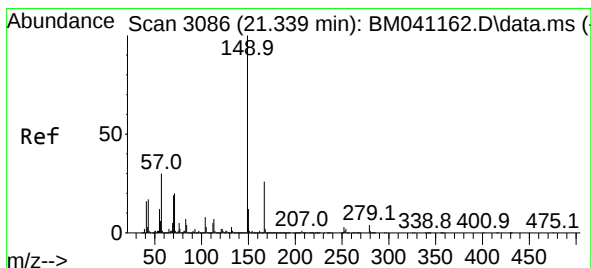
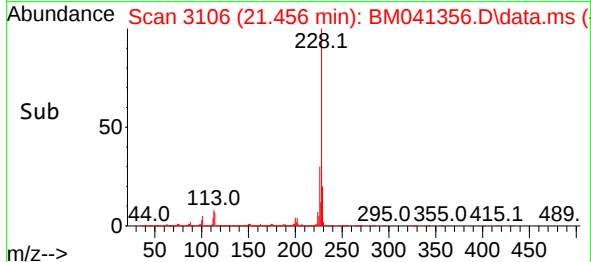
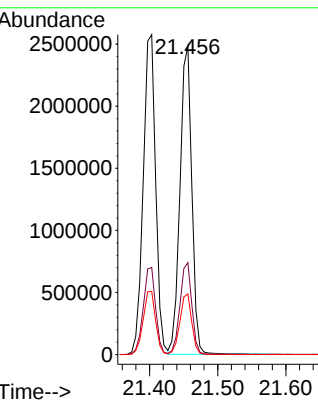
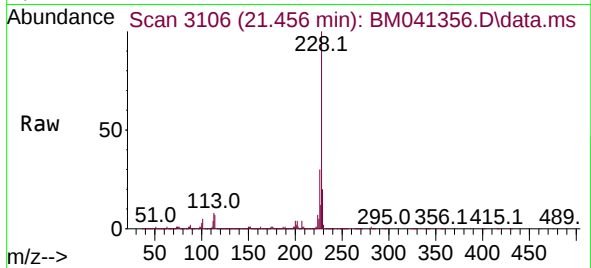
229 19.7 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/11/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.153 ng

RT: 21.321 min Scan# 3083

Delta R.T. -0.000 min

Lab File: BM041356.D

Acq: 10 Aug 2023 10:33

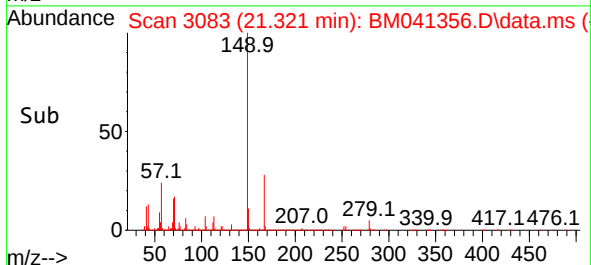
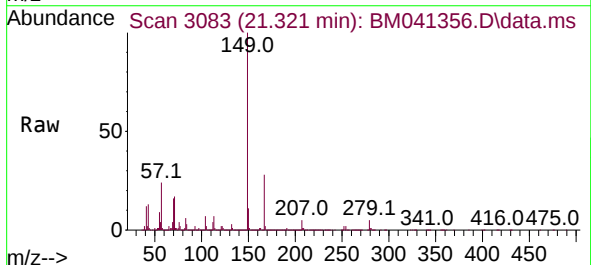
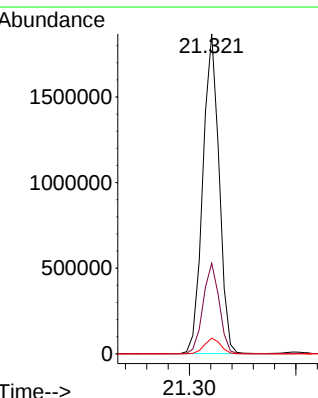
Tgt Ion:149 Resp: 1986262

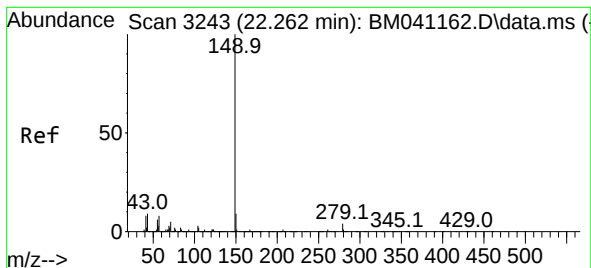
Ion Ratio Lower Upper

149 100

167 28.3 21.0 31.6

279 4.9 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 59.899 ng

RT: 22.238 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM041356.D

Acq: 10 Aug 2023 10:33

Instrument :

BNA_M

ClientSampleId :

PB154720BSD

Tgt Ion:149 Resp: 3543084

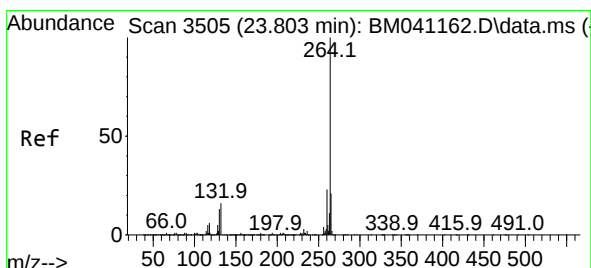
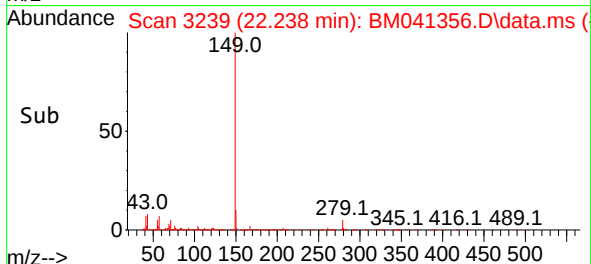
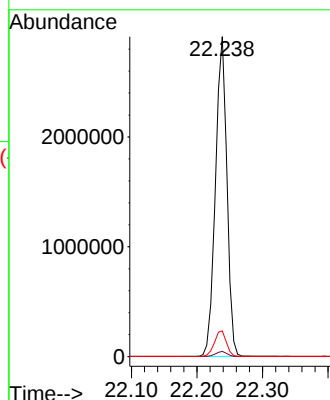
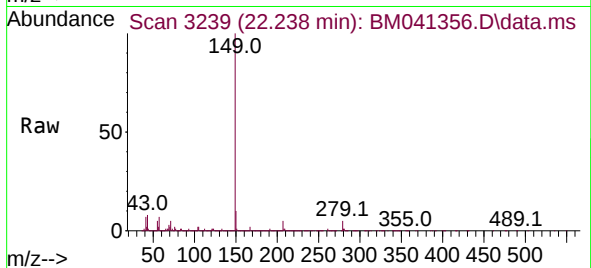
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.4	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/11/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.780 min Scan# 3501

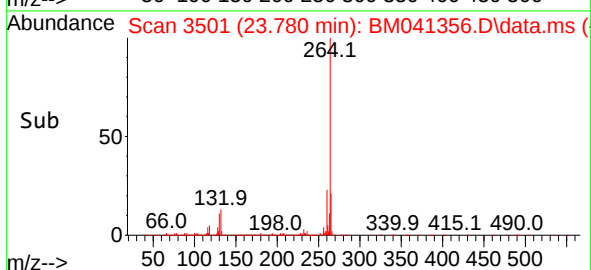
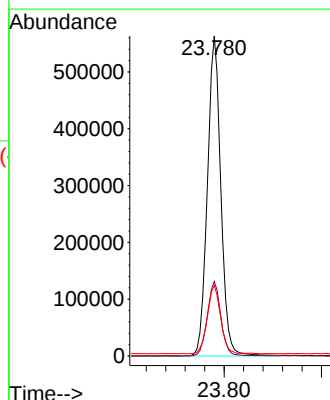
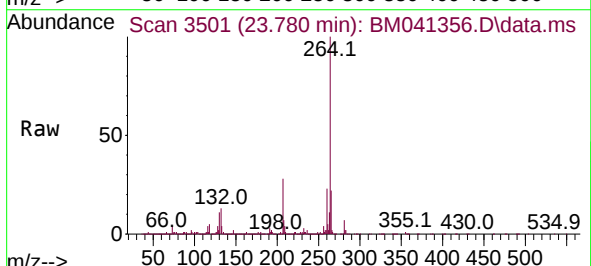
Delta R.T. -0.000 min

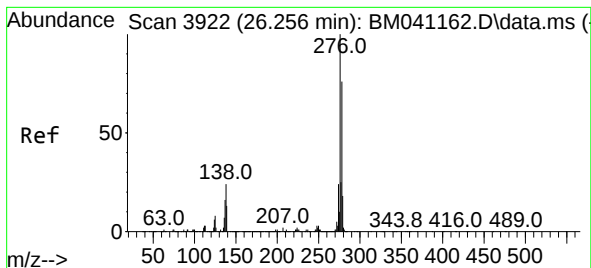
Lab File: BM041356.D

Acq: 10 Aug 2023 10:33

Tgt Ion:264 Resp: 1081312

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.5	27.7
265	22.0	17.4	26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.320 ng

RT: 26.232 min Scan# 3922

Delta R.T. -0.000 min

Lab File: BM041356.D

Acq: 10 Aug 2023 10:33

Instrument :

BNA_M

ClientSampleId :

PB154720BSD

Tgt Ion:276 Resp: 3761886

Ion Ratio Lower Upper

276 100

138 20.0 20.0 30.0

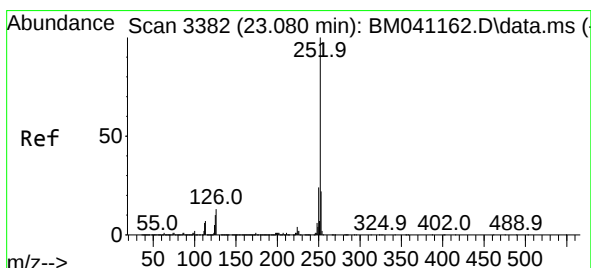
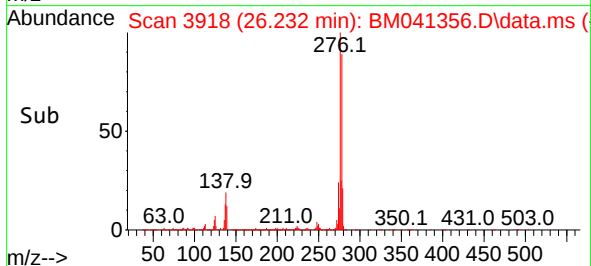
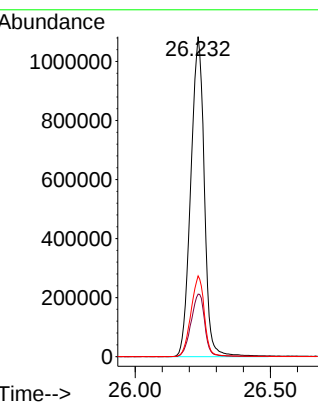
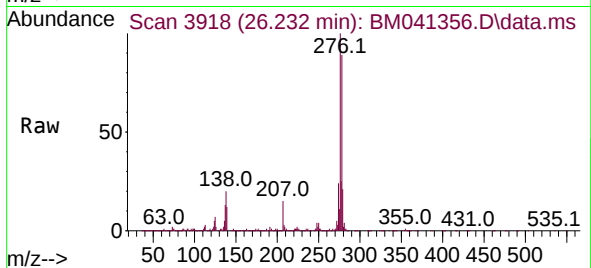
277 25.1 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/11/2023



#88

Benzo(b)fluoranthene

Concen: 52.643 ng

RT: 23.068 min Scan# 3380

Delta R.T. 0.006 min

Lab File: BM041356.D

Acq: 10 Aug 2023 10:33

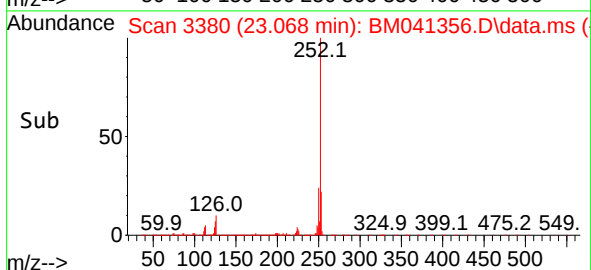
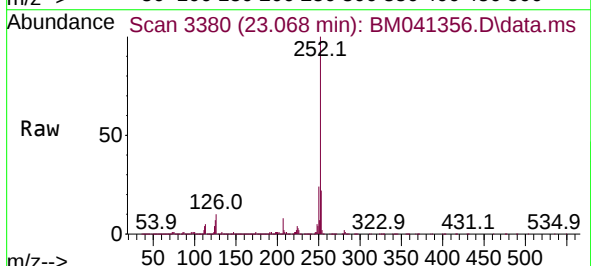
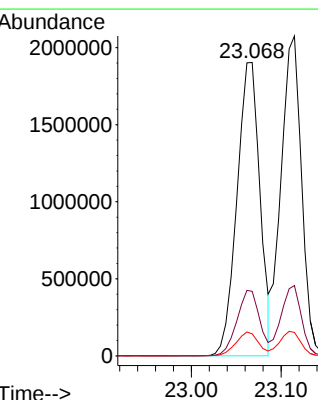
Tgt Ion:252 Resp: 3381589

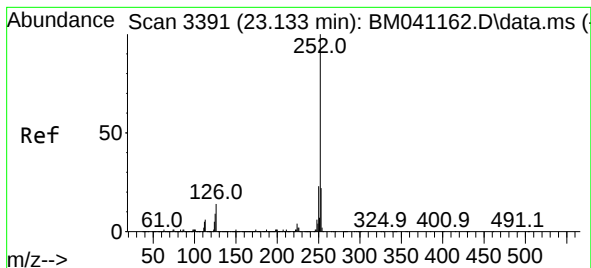
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 7.5 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 50.672 ng

RT: 23.115 min Scan# 3391

Delta R.T. 0.006 min

Lab File: BM041356.D

Acq: 10 Aug 2023 10:33

Instrument :

BNA_M

ClientSampleId :

PB154720BSD

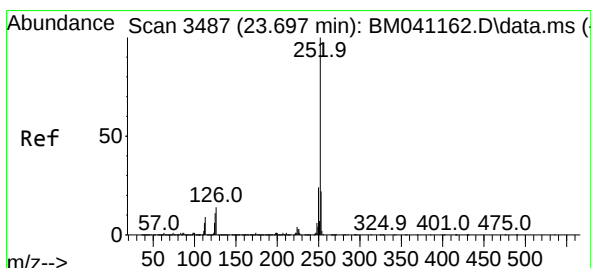
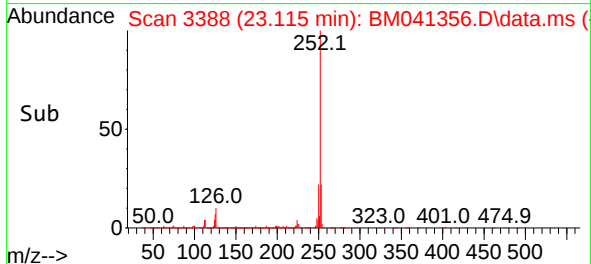
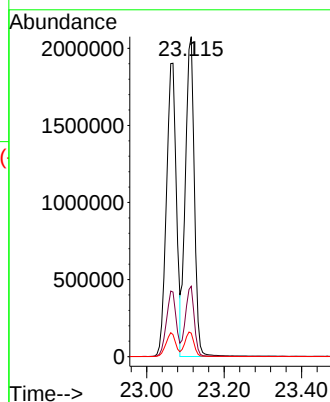
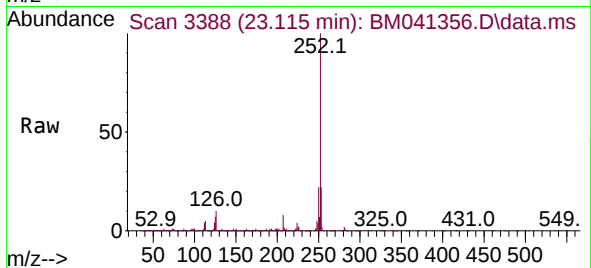
Tgt Ion:252 Resp: 3329590
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.4 26.0
 125 7.3 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/11/2023



#90

Benzo(a)pyrene

Concen: 48.371 ng

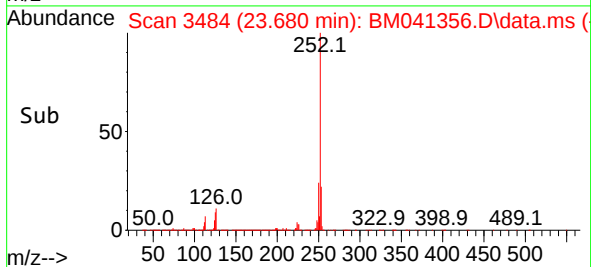
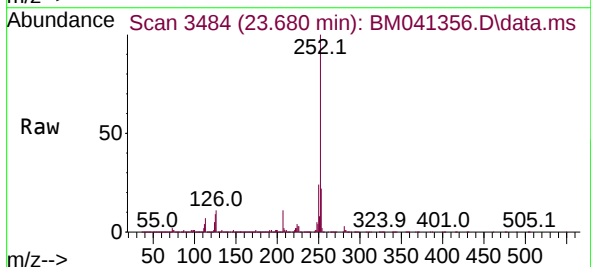
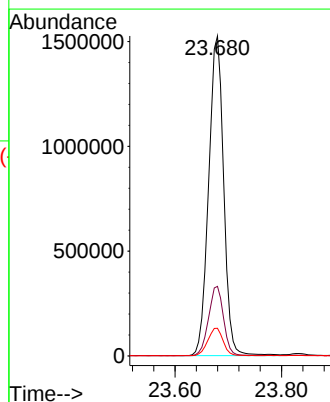
RT: 23.680 min Scan# 3484

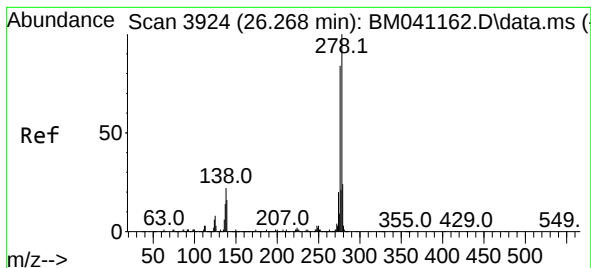
Delta R.T. -0.000 min

Lab File: BM041356.D

Acq: 10 Aug 2023 10:33

Tgt Ion:252 Resp: 2985548
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.3 25.9
 125 8.7 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 47.840 ng

RT: 26.244 min Scan# 39

Delta R.T. -0.000 min

Lab File: BM041356.D

Acq: 10 Aug 2023 10:33

Instrument :

BNA_M

ClientSampleId :

PB154720BSD

Tgt Ion:278 Resp: 3172272

Ion Ratio Lower Upper

278 100

139 12.6 12.7 19.1

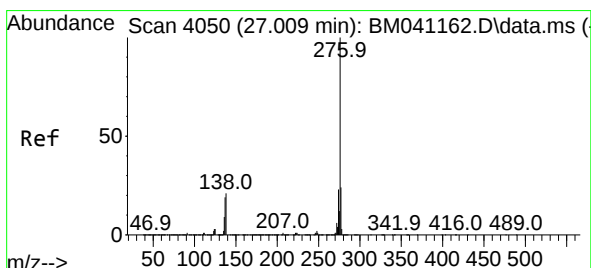
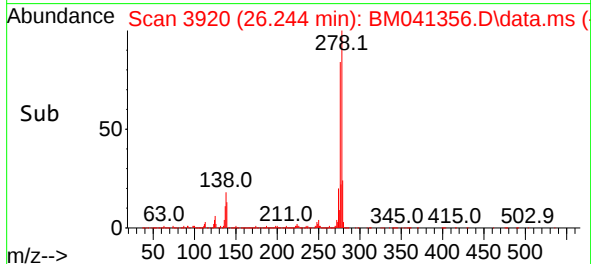
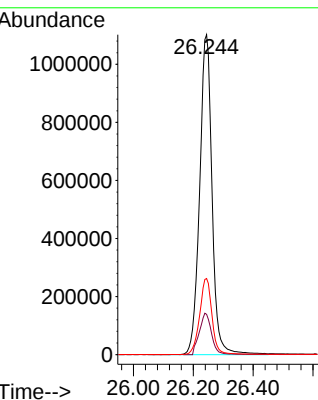
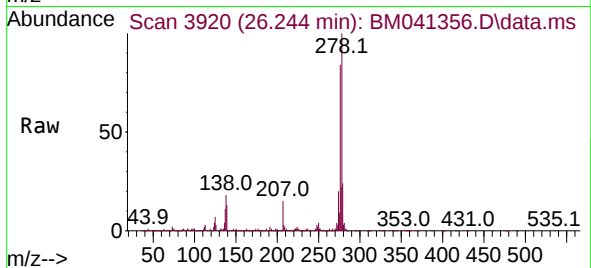
279 23.8 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/11/2023



#92

Benzo(g,h,i)perylene

Concen: 46.078 ng

RT: 26.985 min Scan# 4046

Delta R.T. -0.000 min

Lab File: BM041356.D

Acq: 10 Aug 2023 10:33

Tgt Ion:276 Resp: 2989693

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 17.7 17.1 25.7

