

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091923\
 Data File : BM041908.D
 Acq On : 19 Sep 2023 17:07
 Operator : MA/JU
 Sample : PB155456BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB155456BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/20/2023
 Supervised By :mohammad ahmed 09/21/2023

Quant Time: Sep 19 17:39:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 19 04:49:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	322810	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1358380	20.000	ng	0.00
39) Acenaphthene-d10	14.616	164	804097	20.000	ng	0.00
64) Phenanthrene-d10	17.363	188	1615970	20.000	ng	0.00
76) Chrysene-d12	21.539	240	1307135	20.000	ng	0.00
86) Perylene-d12	23.956	264	1280765	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	3236997	167.019	ng	0.00
7) Phenol-d6	7.116	99	4206919	156.334	ng	0.00
23) Nitrobenzene-d5	9.163	82	2616941	98.089	ng	0.00
42) 2,4,6-Tribromophenol	16.110	330	1505457	150.055	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	5433188	99.175	ng	0.00
79) Terphenyl-d14	19.974	244	7586695	105.709	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.411	88	313354	39.639	ng	98
3) Pyridine	3.816	79	888607	36.185	ng	100
4) n-Nitrosodimethylamine	3.740	42	583602	49.996	ng	95
6) Aniline	7.304	93	1452110	40.730	ng	100
8) 2-Chlorophenol	7.522	128	1223851	56.719	ng	98
9) Benzaldehyde	7.122	77	386530	25.407	ng	99
10) Phenol	7.146	94	1572744	56.938	ng	100
11) bis(2-Chloroethyl)ether	7.399	93	1180285	51.226	ng	99
12) 1,3-Dichlorobenzene	7.846	146	1208063	52.434	ng	99
13) 1,4-Dichlorobenzene	8.004	146	1236983	52.839	ng	99
14) 1,2-Dichlorobenzene	8.316	146	1199925	53.323	ng	100
15) Benzyl Alcohol	8.216	79	1126685	53.034	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.493	45	1790184	50.803	ng	98
17) 2-Methylphenol	8.398	107	1026635	51.114	ng	99
18) Hexachloroethane	9.034	117	457225	51.960	ng	99
19) n-Nitroso-di-n-propyla...	8.781	70	969194	48.451	ng	99
20) 3+4-Methylphenols	8.734	107	1391057	50.457	ng	99
22) Acetophenone	8.810	105	1738471	51.196	ng	100
24) Nitrobenzene	9.204	77	1367826	51.653	ng	100
25) Isophorone	9.716	82	2570535	48.816	ng	99
26) 2-Nitrophenol	9.904	139	643975	53.993	ng	99
27) 2,4-Dimethylphenol	9.934	122	1120451	52.235	ng	98
28) bis(2-Chloroethoxy)met...	10.192	93	1576028	51.209	ng	99
29) 2,4-Dichlorophenol	10.422	162	1156525	55.714	ng	99
30) 1,2,4-Trichlorobenzene	10.634	180	1125223	52.796	ng	100
31) Naphthalene	10.834	128	3470747	50.752	ng	100
32) Benzoic acid	10.098	122	888879	52.594	ng	98
33) 4-Chloroaniline	10.963	127	830002	27.117	ng	99
34) Hexachlorobutadiene	11.063	225	664894	51.076	ng	99
35) Caprolactam	11.804	113	362132m	48.811	ng	
36) 4-Chloro-3-methylphenol	12.057	107	1214176	52.484	ng	99
37) 2-Methylnaphthalene	12.439	142	2392181	47.576	ng	99
38) 1-Methylnaphthalene	12.657	142	2299966	48.704	ng	99
40) 1,2,4,5-Tetrachloroben...	12.786	216	1234243	52.927	ng	100
41) Hexachlorocyclopentadiene	12.739	237	1569886	119.726	ng	99
43) 2,4,6-Trichlorophenol	13.039	196	883571	55.676	ng	99

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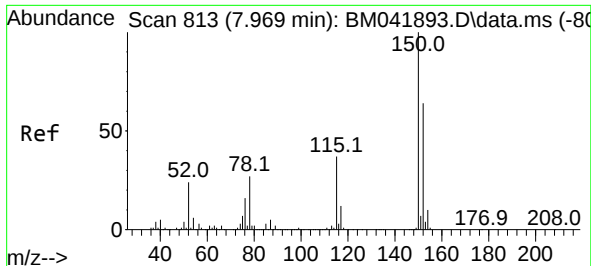
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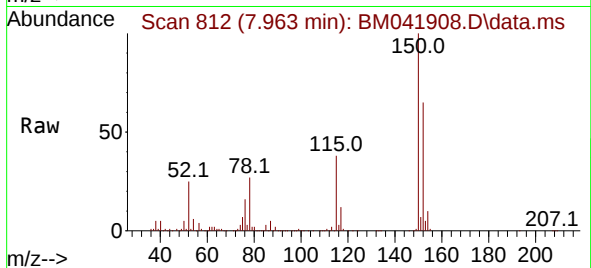
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	952086	51.261	ng	98
46) 1,1'-Biphenyl	13.445	154	3099797	52.249	ng	99
47) 2-Chloronaphthalene	13.498	162	2355661	54.522	ng	99
48) 2-Nitroaniline	13.727	65	816621	52.895	ng	99
49) Acenaphthylene	14.345	152	3837789	53.524	ng	100
50) Dimethylphthalate	14.075	163	3007334	50.589	ng	100
51) 2,6-Dinitrotoluene	14.216	165	661978	52.547	ng	97
52) Acenaphthene	14.680	154	2219470	51.465	ng	100
53) 3-Nitroaniline	14.551	138	537479	38.118	ng	97
54) 2,4-Dinitrophenol	14.757	184	842390	107.067	ng	98
55) Dibenzofuran	15.016	168	3530773	50.719	ng	99
56) 4-Nitrophenol	14.845	139	1169269	104.559	ng	96
57) 2,4-Dinitrotoluene	14.998	165	868952	52.135	ng	99
58) Fluorene	15.663	166	2768958	50.452	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.227	232	811442	53.228	ng	100
60) Diethylphthalate	15.427	149	2940013	49.719	ng	99
61) 4-Chlorophenyl-phenyle...	15.651	204	1457937	50.636	ng	97
62) 4-Nitroaniline	15.721	138	638813	47.113	ng	98
63) Azobenzene	15.945	77	3043978	50.777	ng	98
65) 4,6-Dinitro-2-methylph...	15.751	198	504540	54.372	ng	98
66) n-Nitrosodiphenylamine	15.874	169	2461592	53.935	ng	100
67) 4-Bromophenyl-phenylether	16.551	248	886405	53.229	ng	98
68) Hexachlorobenzene	16.633	284	996835	56.537	ng	97
69) Atrazine	16.821	200	863776	60.691	ng	99
70) Pentachlorophenol	16.992	266	1210958	90.903	ng	99
71) Phenanthrene	17.410	178	4284535	53.163	ng	100
72) Anthracene	17.498	178	4344877	52.848	ng	100
73) Carbazole	17.780	167	3965107	52.598	ng	100
74) Di-n-butylphthalate	18.304	149	5013242	51.801	ng	100
75) Fluoranthene	19.415	202	4844598	51.203	ng	98
77) Benzidine	19.621	184	1709519	64.072	ng	100
78) Pyrene	19.786	202	4982145	54.777	ng	100
80) Butylbenzylphthalate	20.656	149	2115018	52.284	ng	98
81) Benzo(a)anthracene	21.521	228	4528646	53.121	ng	100
82) 3,3'-Dichlorobenzidine	21.462	252	1403161	46.736	ng	99
83) Chrysene	21.580	228	4097092	51.273	ng	100
84) Bis(2-ethylhexyl)phtha...	21.403	149	3085736	51.419	ng	100
85) Di-n-octyl phthalate	22.333	149	5226339	51.737	ng	100
87) Indeno(1,2,3-cd)pyrene	26.480	276	4355085	56.951	ng	100
88) Benzo(b)fluoranthene	23.215	252	4280196	57.241	ng	100
89) Benzo(k)fluoranthene	23.268	252	4044411	54.735	ng	99
90) Benzo(a)pyrene	23.850	252	3638570	51.858	ng	100
91) Dibenzo(a,h)anthracene	26.491	278	3662489	57.450	ng	99
92) Benzo(g,h,i)perylene	27.256	276	3483412	57.187	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

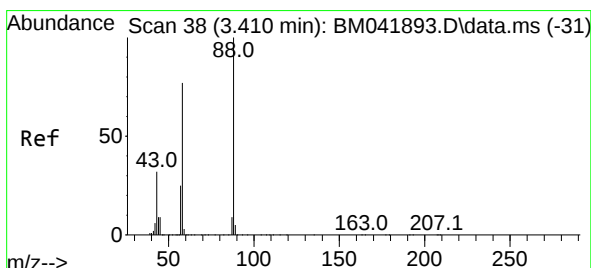
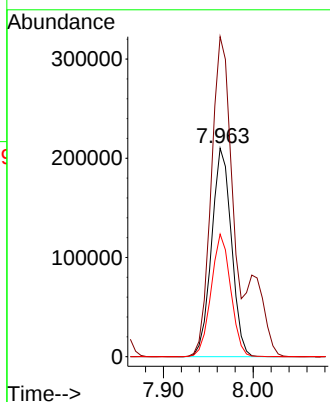
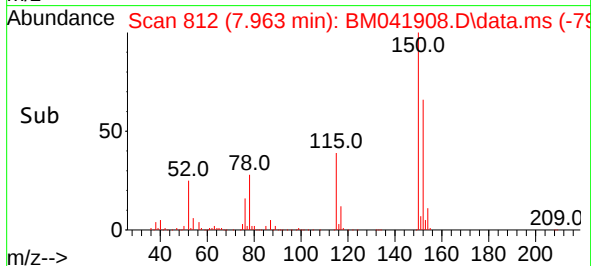
Instrument :
BNA_M
ClientSampleId :
PB155456BS



Tgt Ion: 152 Resp: 322810
Ion Ratio Lower Upper
152 100
150 153.5 125.9 188.9
115 58.8 46.8 70.2

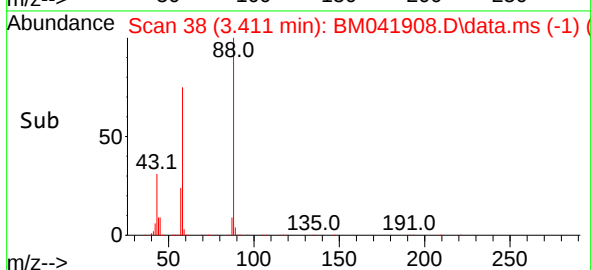
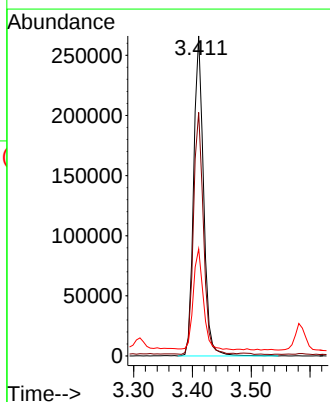
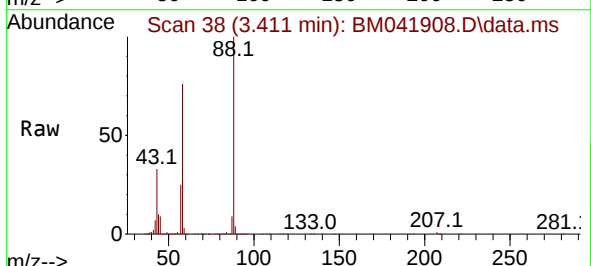
Manual Integrations
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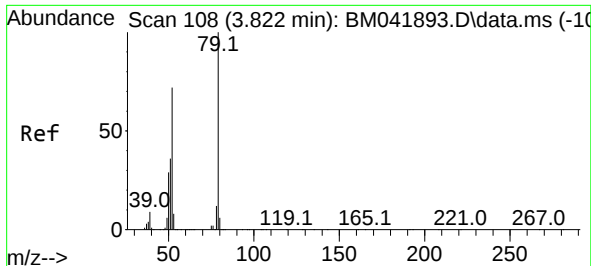
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023



#2
1,4-Dioxane
Concen: 39.639 ng
RT: 3.411 min Scan# 38
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

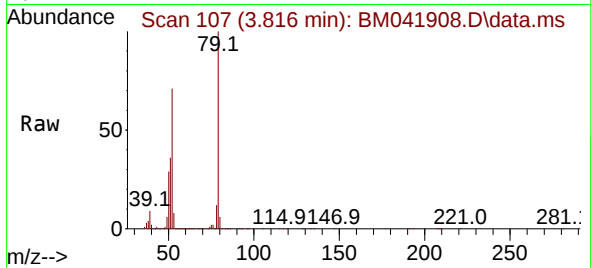
Tgt Ion: 88 Resp: 313354
Ion Ratio Lower Upper
88 100
58 76.1 62.4 93.6
43 31.9 25.8 38.6





#3
Pyridine
Concen: 36.185 ng
RT: 3.816 min Scan# 108
Delta R.T. -0.006 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

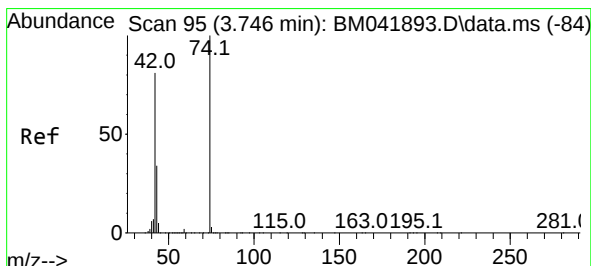
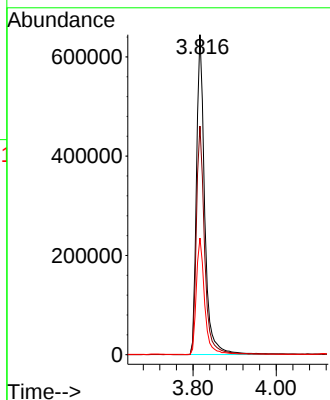
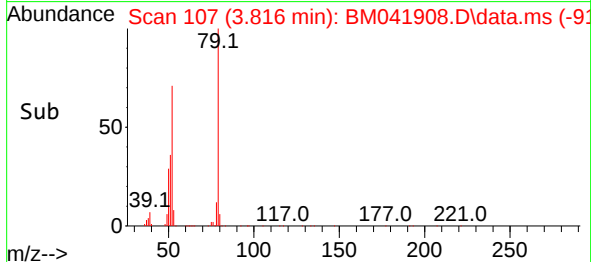
Instrument :
BNA_M
ClientSampleId :
PB155456BS



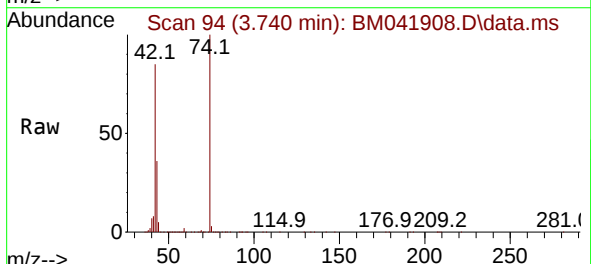
Tgt Ion: 79 Resp: 888607
Ion Ratio Lower Upper
79 100
52 71.4 57.2 85.8
51 36.4 28.9 43.3

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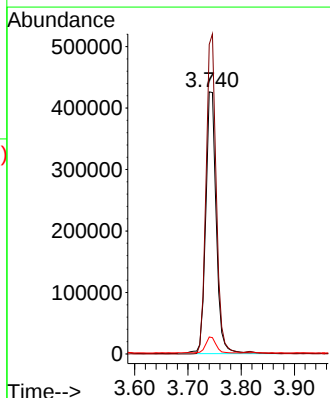
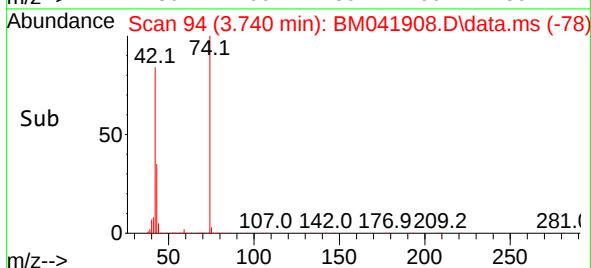
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023

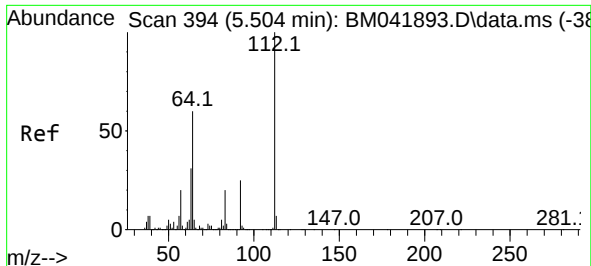


#4
n-Nitrosodimethylamine
Concen: 49.996 ng
RT: 3.740 min Scan# 94
Delta R.T. -0.006 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07



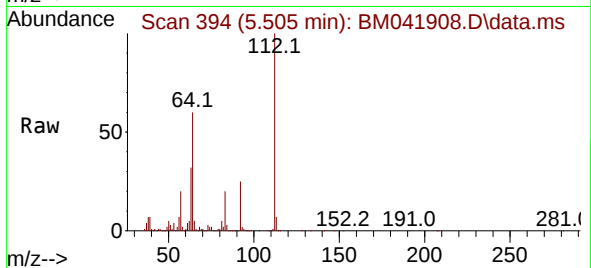
Tgt Ion: 42 Resp: 583602
Ion Ratio Lower Upper
42 100
74 118.2 98.8 148.2
44 6.5 5.1 7.7





#5
2-Fluorophenol
Concen: 167.019 ng
RT: 5.505 min Scan# 394
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

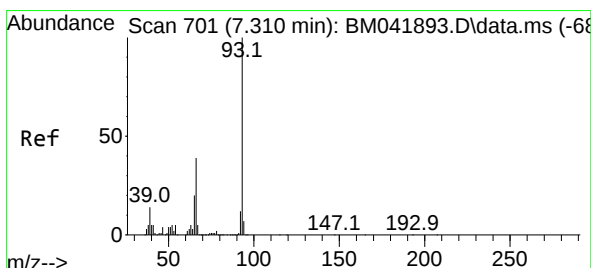
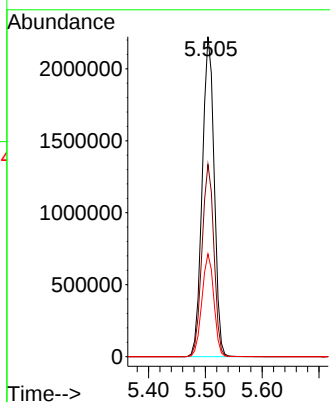
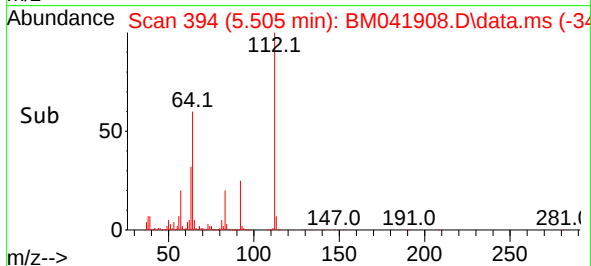
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Tgt Ion:112 Resp: 323699
Ion Ratio Lower Upper
112 100
64 60.1 48.1 72.1
63 32.1 25.0 37.6

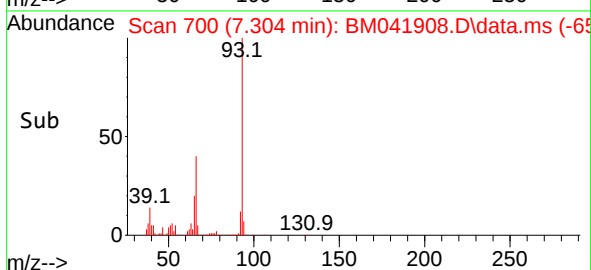
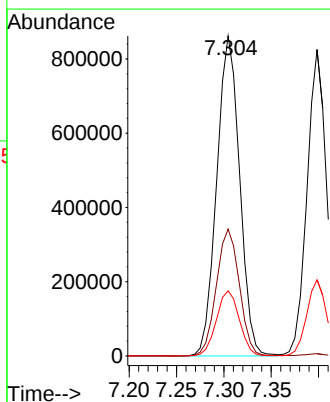
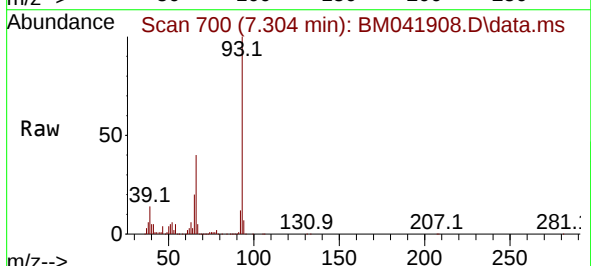
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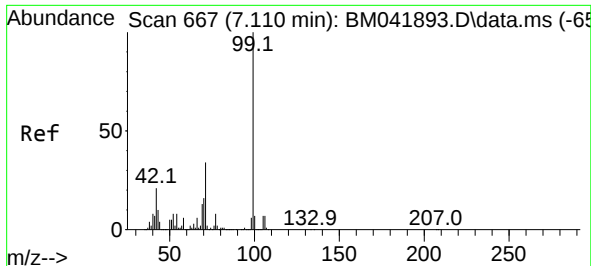
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023



#6
Aniline
Concen: 40.730 ng
RT: 7.304 min Scan# 700
Delta R.T. -0.006 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

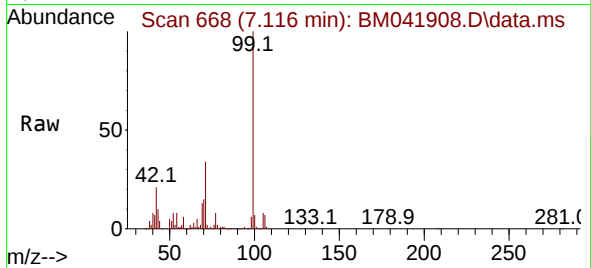
Tgt Ion: 93 Resp: 1452110
Ion Ratio Lower Upper
93 100
66 39.7 31.4 47.2
65 20.3 16.2 24.4





#7
Phenol-d6
Concen: 156.334 ng
RT: 7.116 min Scan# 667
Delta R.T. 0.006 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

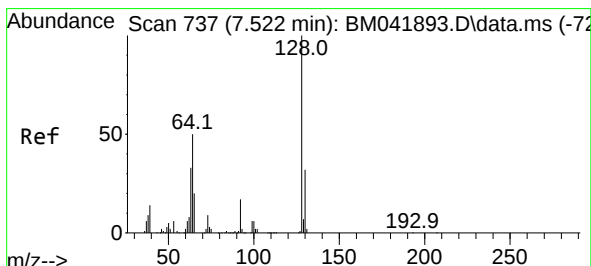
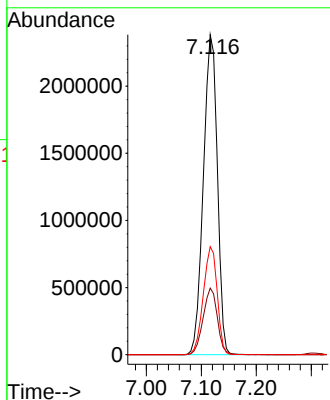
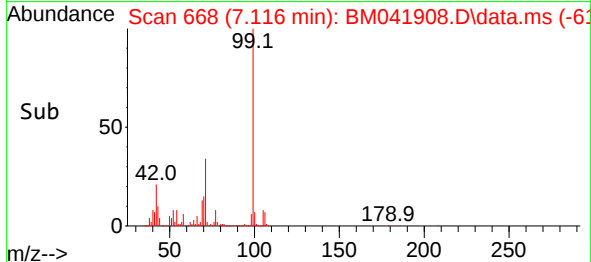
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion: 99 Resp: 4206919
Ion Ratio Lower Upper
99 100
42 20.8 16.6 25.0
71 33.8 26.8 40.2

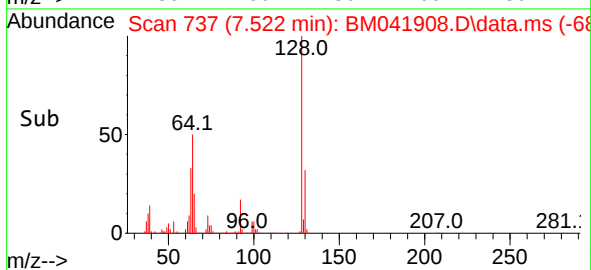
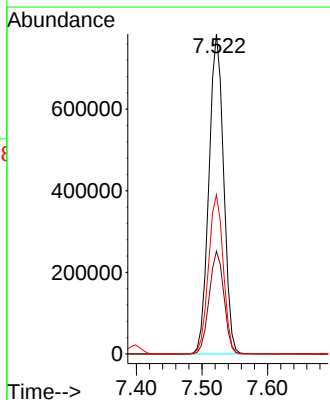
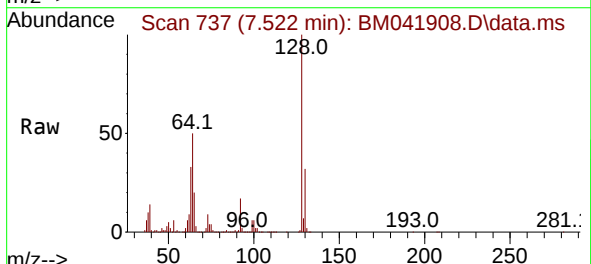
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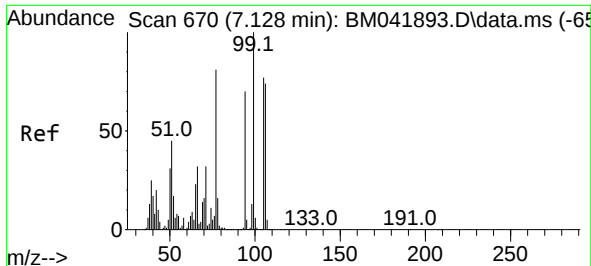
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023



#8
2-Chlorophenol
Concen: 56.719 ng
RT: 7.522 min Scan# 737
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

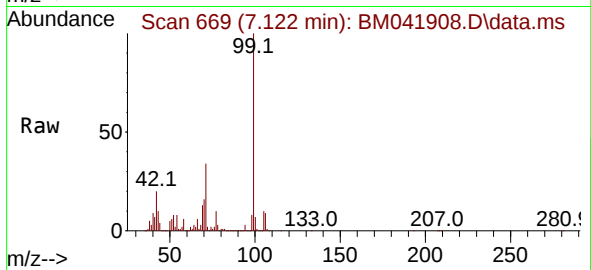
Tgt Ion:128 Resp: 1223851
Ion Ratio Lower Upper
128 100
130 32.2 12.4 52.4
64 49.8 31.7 71.7





#9
Benzaldehyde
Concen: 25.407 ng
RT: 7.122 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

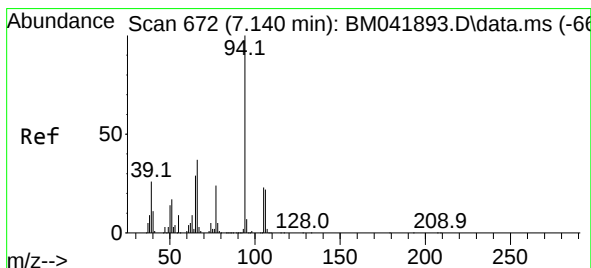
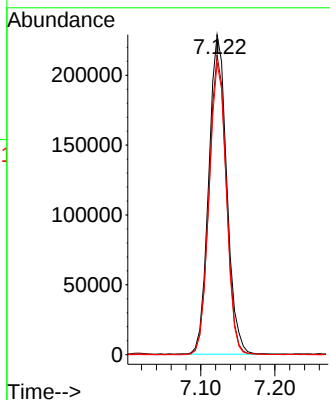
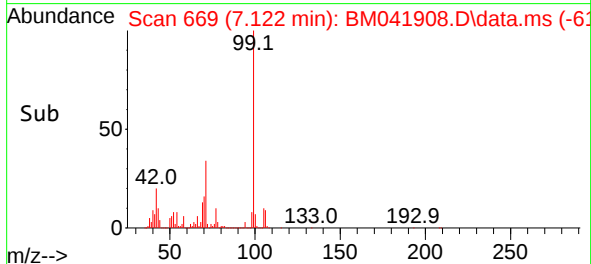
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion: 77 Resp: 386530
Ion Ratio Lower Upper
77 100
105 93.7 75.1 115.1
106 91.1 71.6 111.6

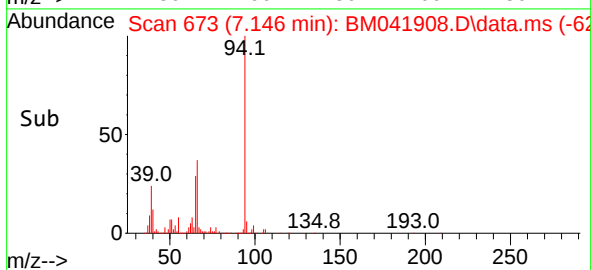
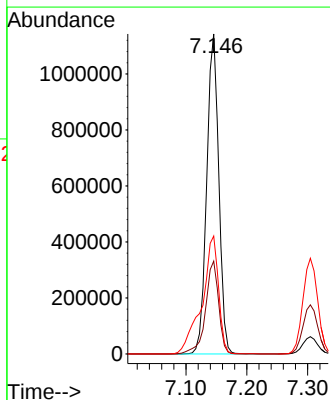
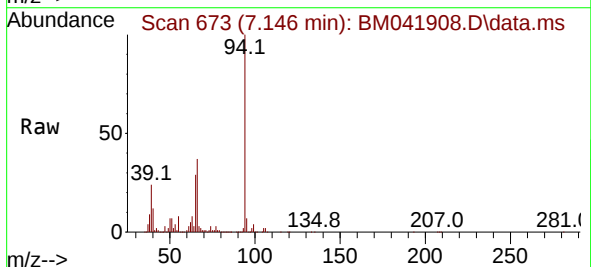
Manual Integrations
APPROVED

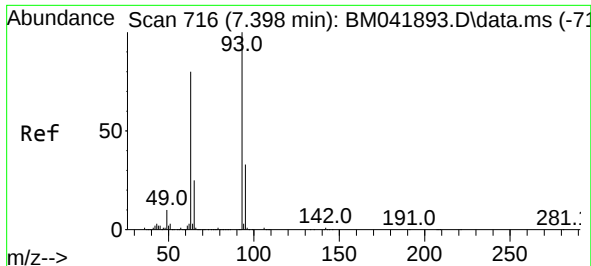
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023



#10
Phenol
Concen: 56.938 ng
RT: 7.146 min Scan# 673
Delta R.T. 0.006 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

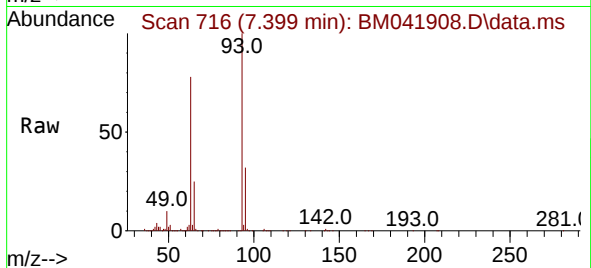
Tgt Ion: 94 Resp: 1572744
Ion Ratio Lower Upper
94 100
65 29.0 9.1 49.1
66 36.8 17.3 57.3





#11
bis(2-Chloroethyl)ether
Concen: 51.226 ng
RT: 7.399 min Scan# 716
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

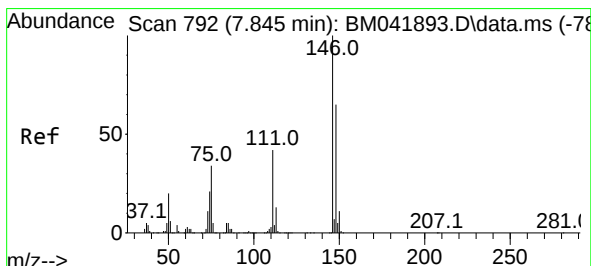
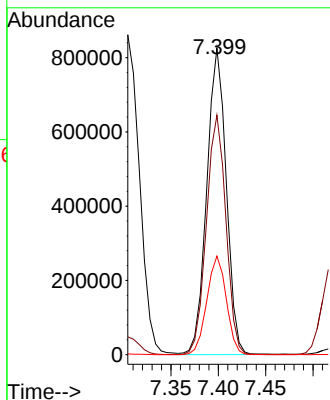
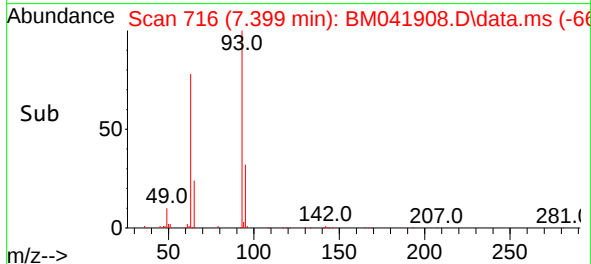
Instrument :
BNA_M
ClientSampleId :
PB155456BS



Tgt Ion: 93 Resp: 1180285
Ion Ratio Lower Upper
93 100
63 78.2 59.5 99.5
95 32.2 12.9 52.9

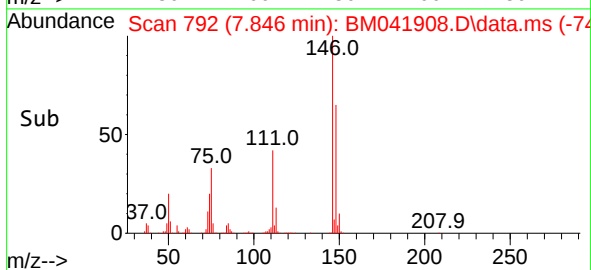
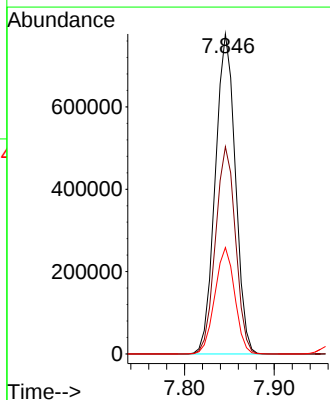
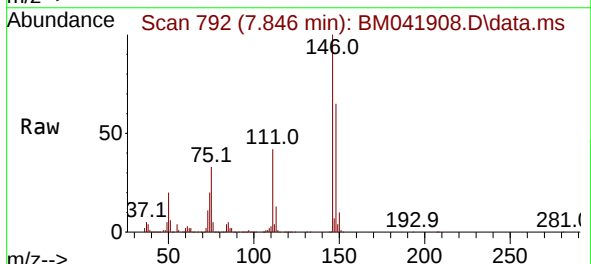
Manual Integrations
APPROVED

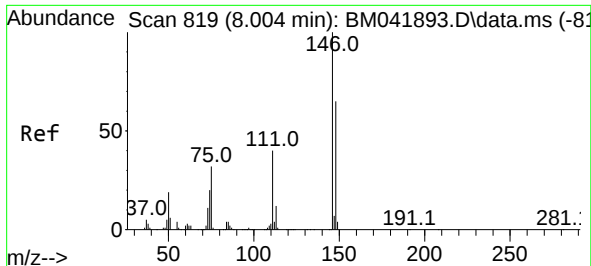
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023



#12
1,3-Dichlorobenzene
Concen: 52.434 ng
RT: 7.846 min Scan# 792
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

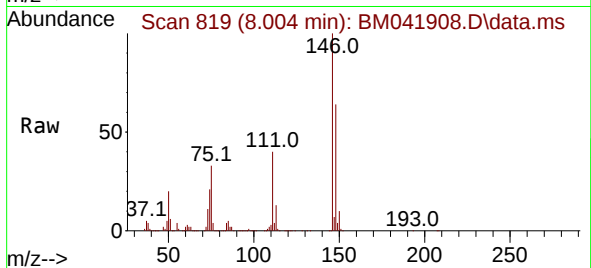
Tgt Ion:146 Resp: 1208063
Ion Ratio Lower Upper
146 100
148 64.8 51.7 77.5
75 33.3 27.2 40.8





#13
1,4-Dichlorobenzene
Concen: 52.839 ng
RT: 8.004 min Scan# 819
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

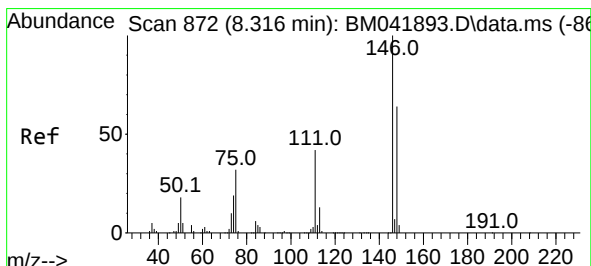
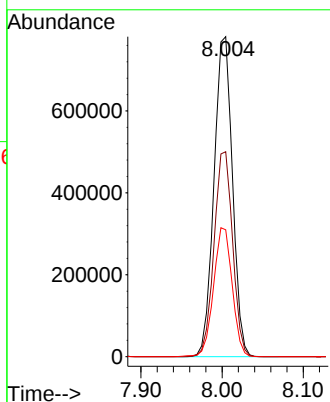
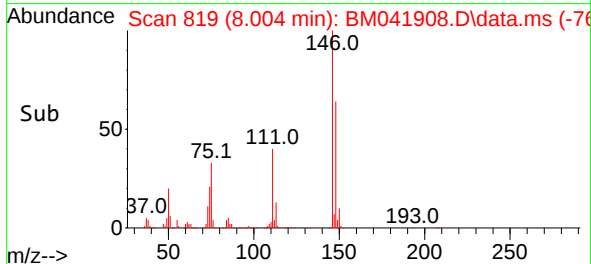
Instrument :
BNA_M
ClientSampleId :
PB155456BS



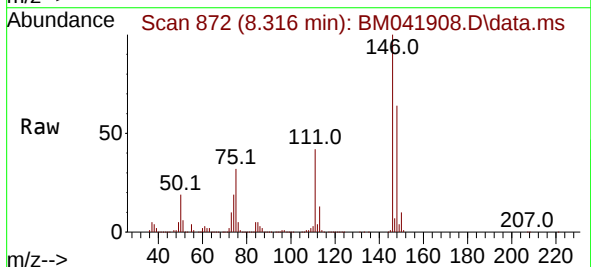
Tgt Ion:146 Resp: 123698
Ion Ratio Lower Upper
146 100
148 64.1 51.9 77.9
111 39.7 32.1 48.1

Manual Integrations
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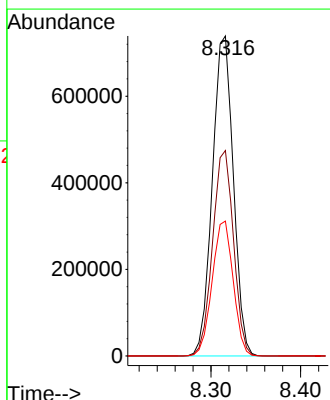
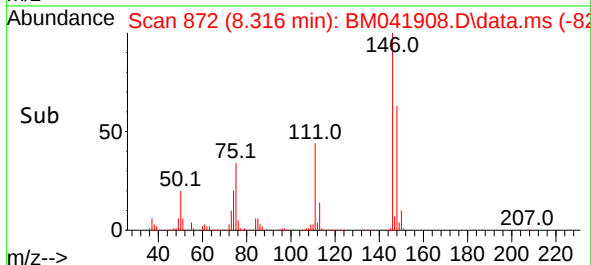
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023

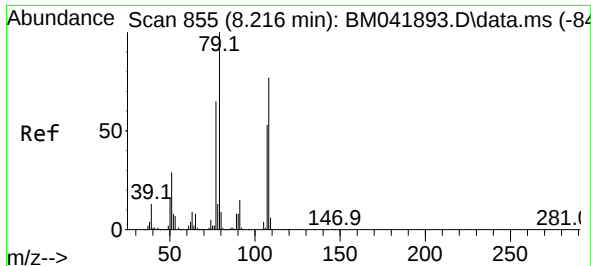


#14
1,2-Dichlorobenzene
Concen: 53.323 ng
RT: 8.316 min Scan# 872
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07



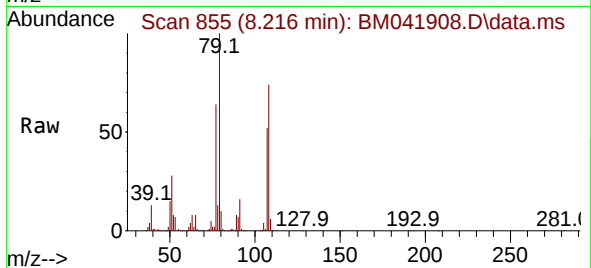
Tgt Ion:146 Resp: 1199925
Ion Ratio Lower Upper
146 100
148 64.2 51.5 77.3
111 42.2 34.0 51.0





#15
Benzyl Alcohol
Concen: 53.034 ng
RT: 8.216 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

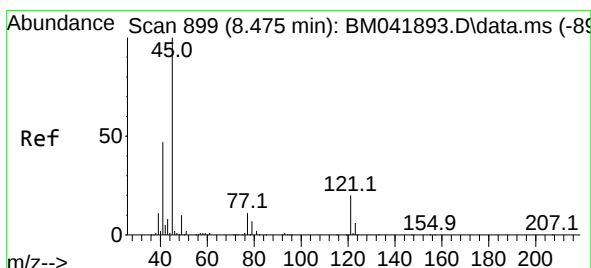
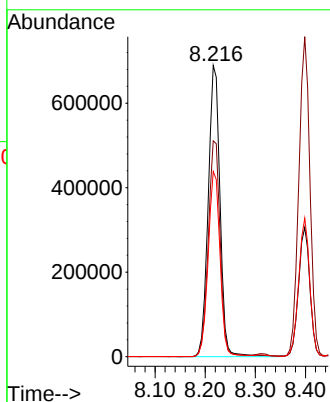
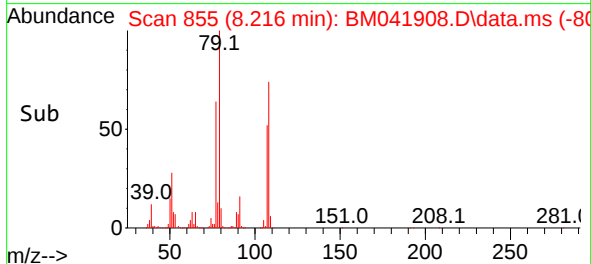
Instrument :
BNA_M
ClientSampleId :
PB155456BS



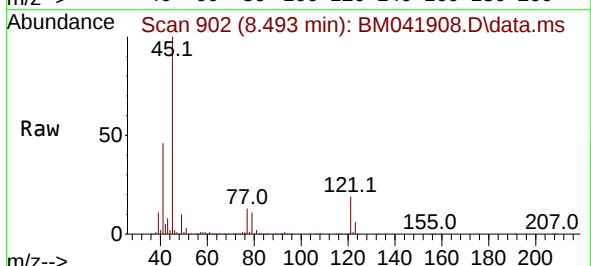
Tgt Ion: 79 Resp: 112668
Ion Ratio Lower Upper
79 100
108 74.1 61.4 92.0
77 63.6 52.0 78.0

Manual Integrations
APPROVED

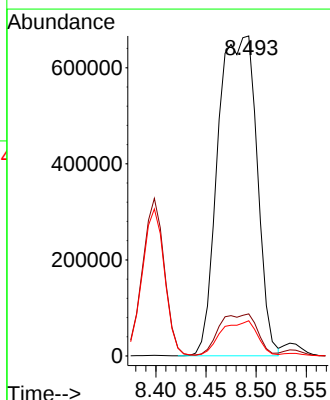
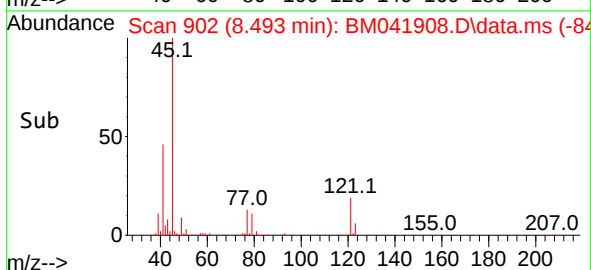
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023

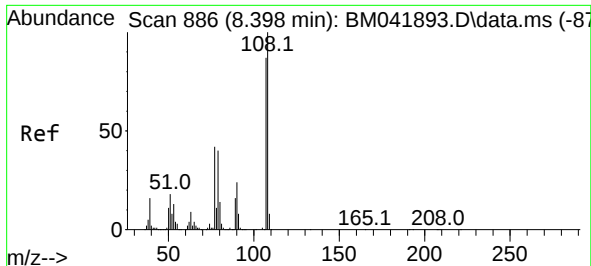


#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.803 ng
RT: 8.493 min Scan# 902
Delta R.T. 0.018 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07



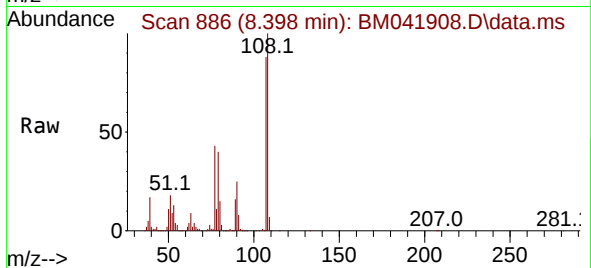
Tgt Ion: 45 Resp: 1790184
Ion Ratio Lower Upper
45 100
77 13.1 0.0 33.4
79 11.0 0.0 29.6





#17
2-Methylphenol
Concen: 51.114 ng
RT: 8.398 min Scan# 886
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

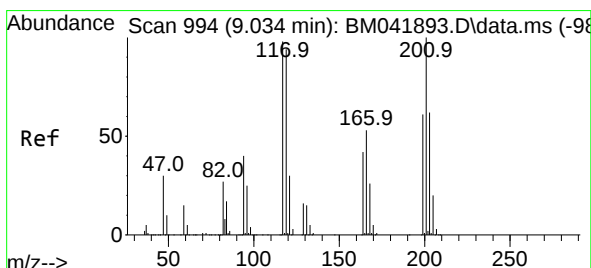
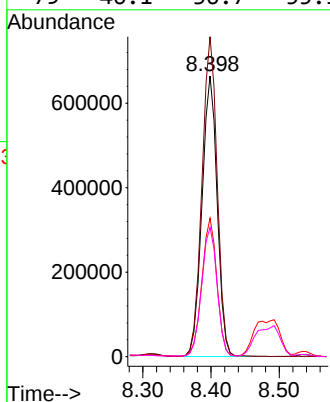
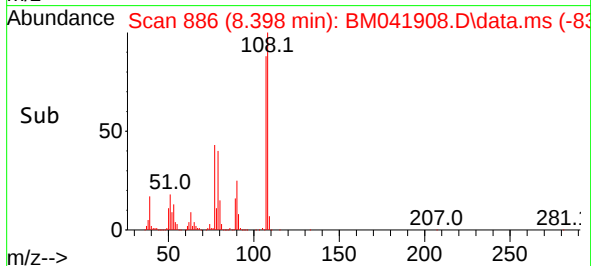
Instrument :
BNA_M
ClientSampleId :
PB155456BS



Tgt Ion:107 Resp: 102663
Ion Ratio Lower Upper
107 100
108 114.0 91.9 137.9
77 49.4 39.0 58.6
79 46.1 36.7 55.1

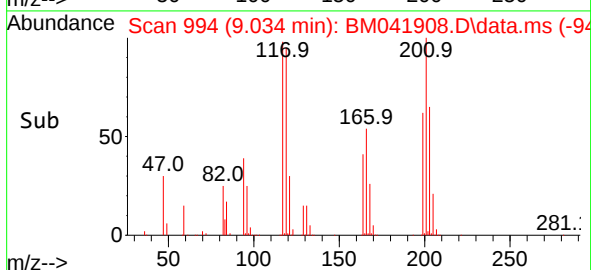
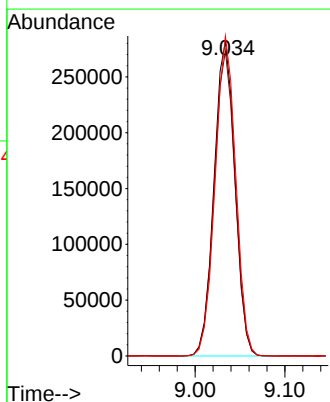
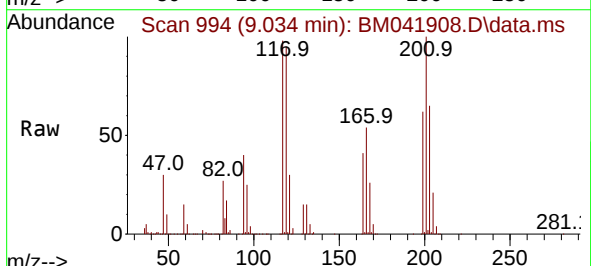
Manual Integrations
APPROVED

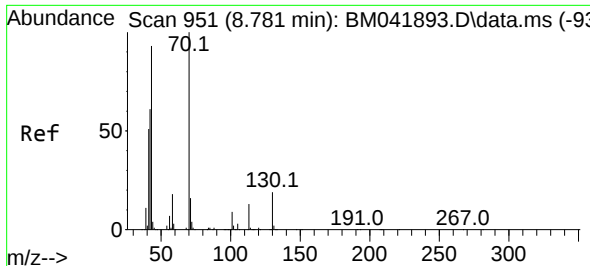
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023



#18
Hexachloroethane
Concen: 51.960 ng
RT: 9.034 min Scan# 994
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

Tgt Ion:117 Resp: 457225
Ion Ratio Lower Upper
117 100
119 97.0 77.2 115.8
201 101.8 81.9 122.9





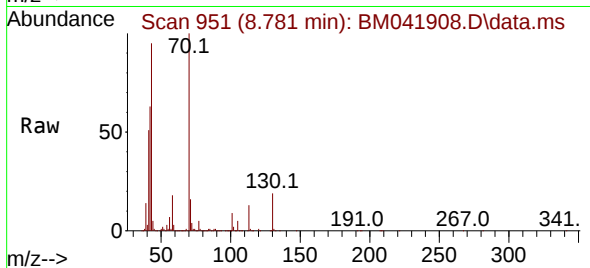
#19
n-Nitroso-di-n-propylamine
Concen: 48.451 ng
RT: 8.781 min Scan# 951
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

Instrument :

BNA_M

ClientSampleId :

PB155456BS

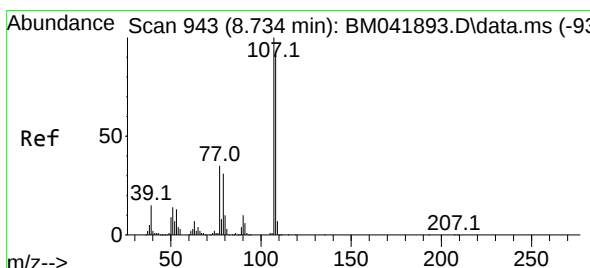
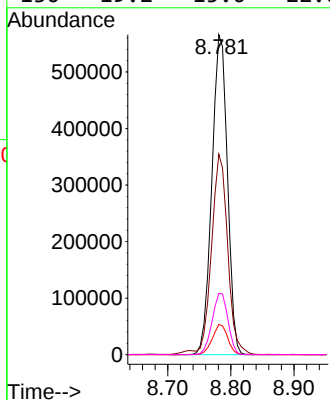
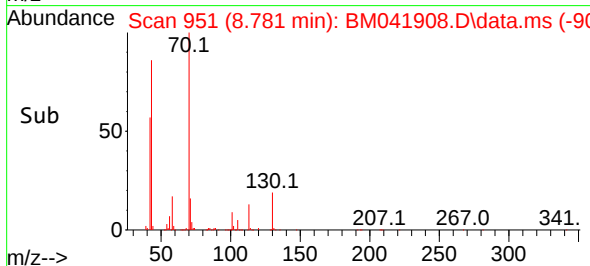


Tgt Ion: 70 Resp: 969194
Ion Ratio Lower Upper
70 100
42 62.7 49.2 73.8
101 9.5 7.0 10.6
130 19.2 15.0 22.6

Manual Integrations

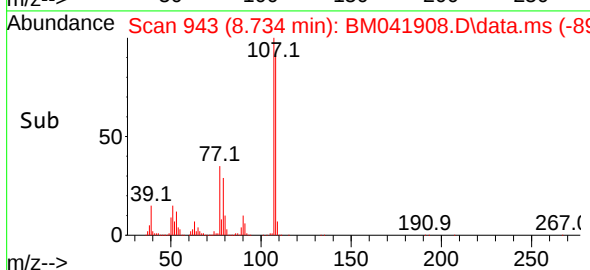
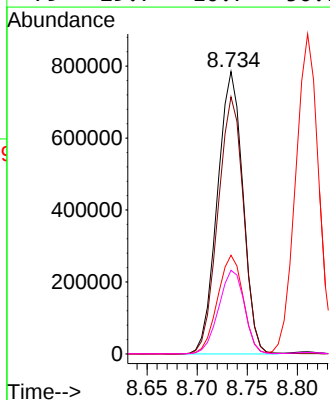
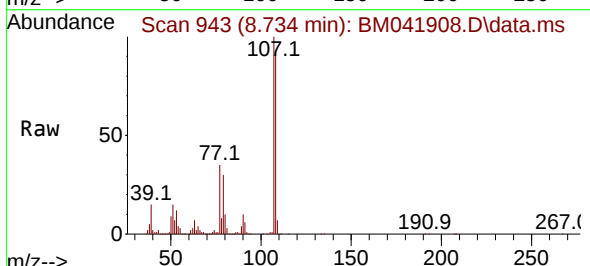
APPROVED

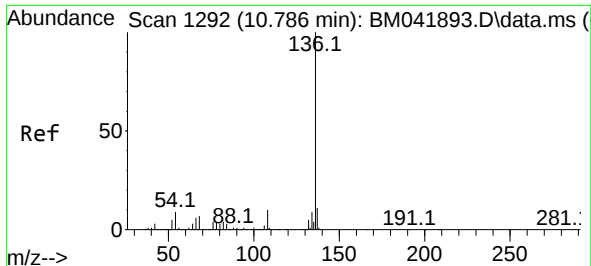
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023



#20
3+4-Methylphenols
Concen: 50.457 ng
RT: 8.734 min Scan# 943
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

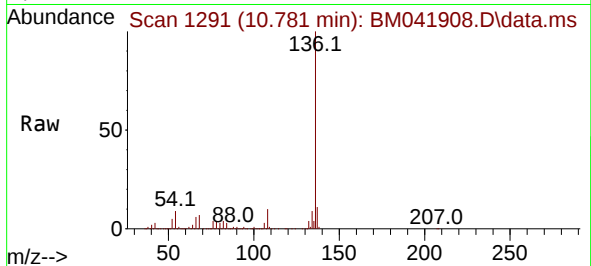
Tgt Ion:107 Resp: 1391057
Ion Ratio Lower Upper
107 100
108 91.1 71.5 111.5
77 35.0 14.9 54.9
79 29.7 10.7 50.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

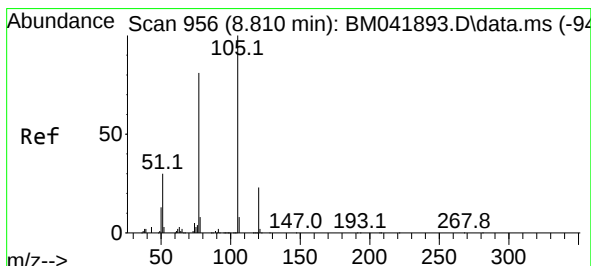
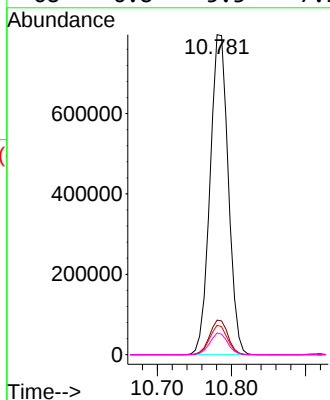
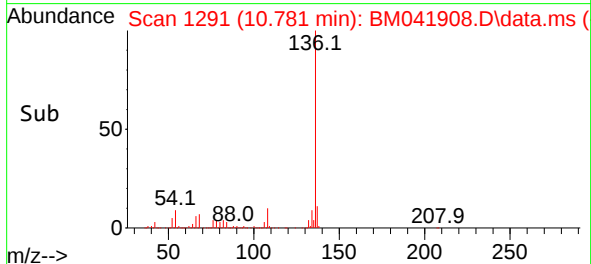
Instrument :
BNA_M
ClientSampleId :
PB155456BS



Tgt Ion:136 Resp: 1358380
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.2 7.0 10.4
68 6.8 5.3 7.9

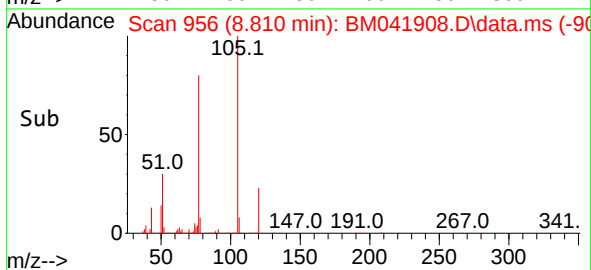
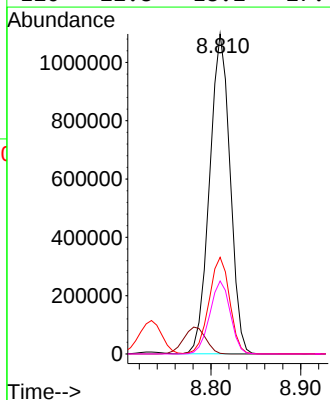
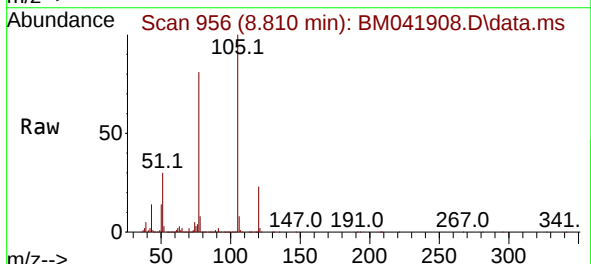
Manual Integrations
APPROVED

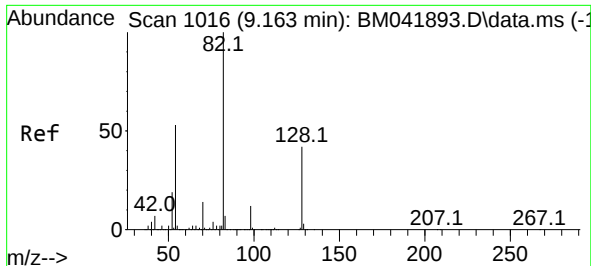
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023



#22
Acetophenone
Concen: 51.196 ng
RT: 8.810 min Scan# 956
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

Tgt Ion:105 Resp: 1738471
Ion Ratio Lower Upper
105 100
71 0.2 0.2 0.2
51 30.2 24.3 36.5
120 22.8 18.2 27.4





#23

Nitrobenzene-d5

Concen: 98.089 ng

RT: 9.163 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BM041908.D

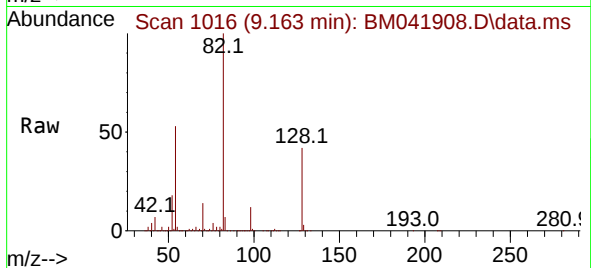
Acq: 19 Sep 2023 17:07

Instrument :

BNA_M

ClientSampleId :

PB155456BS



Tgt Ion: 82 Resp: 261694

Ion Ratio Lower Upper

82 100

128 41.9 33.8 50.6

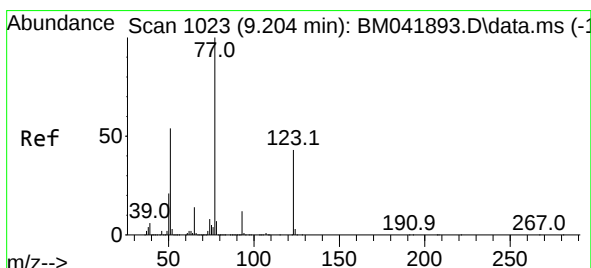
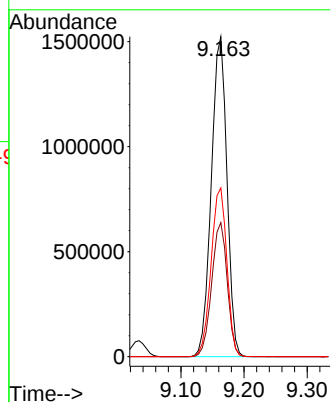
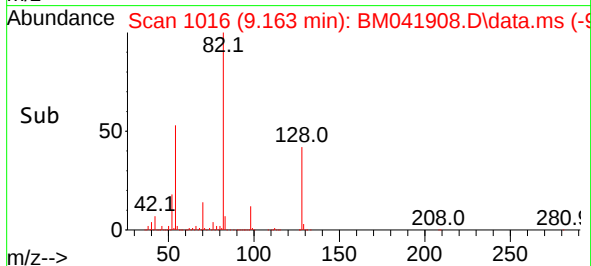
54 52.7 42.8 64.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/21/2023



#24

Nitrobenzene

Concen: 51.653 ng

RT: 9.204 min Scan# 1023

Delta R.T. 0.000 min

Lab File: BM041908.D

Acq: 19 Sep 2023 17:07

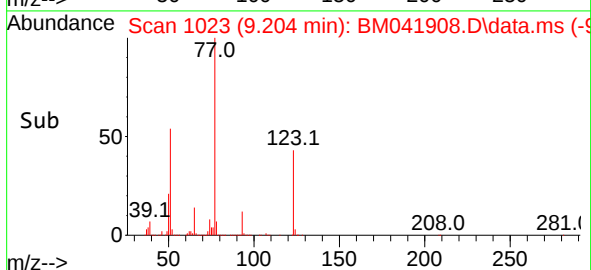
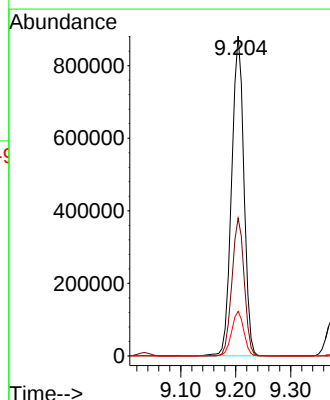
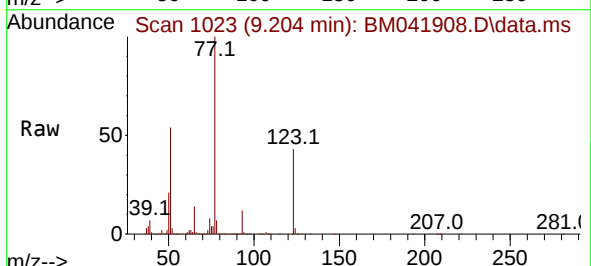
Tgt Ion: 77 Resp: 1367826

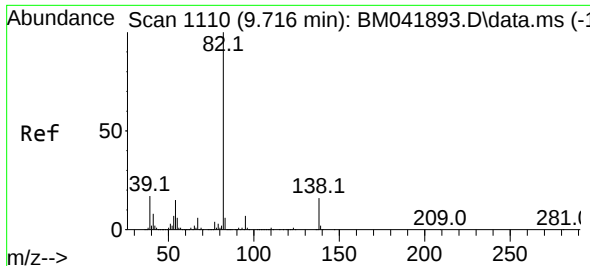
Ion Ratio Lower Upper

77 100

123 43.0 34.6 52.0

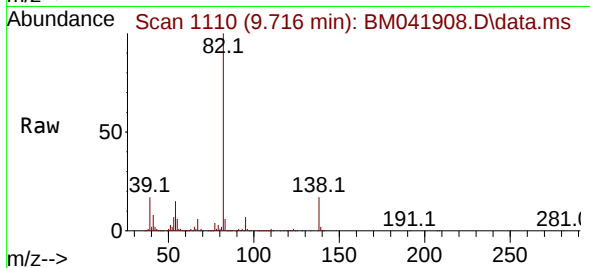
65 13.9 11.1 16.7





#25
Isophorone
Concen: 48.816 ng
RT: 9.716 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

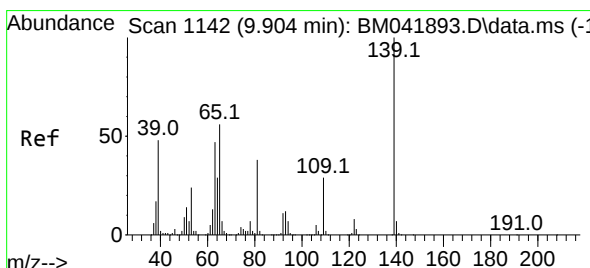
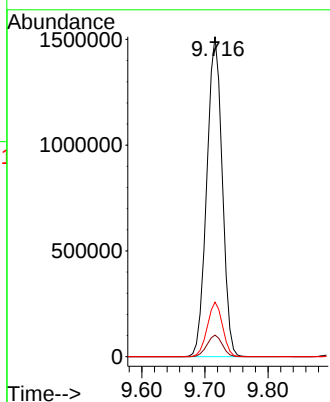
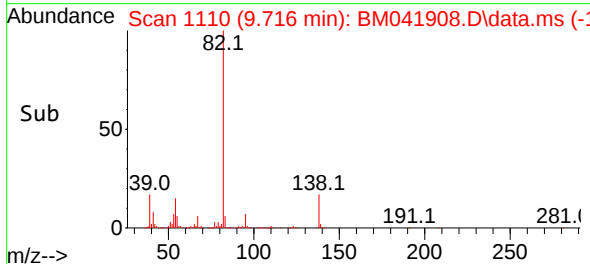
Instrument :
BNA_M
ClientSampleId :
PB155456BS



Tgt Ion: 82 Resp: 257053
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 17.1 13.1 19.7

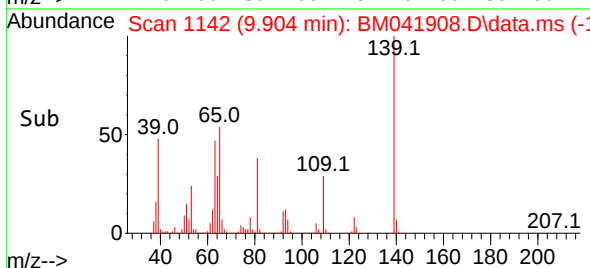
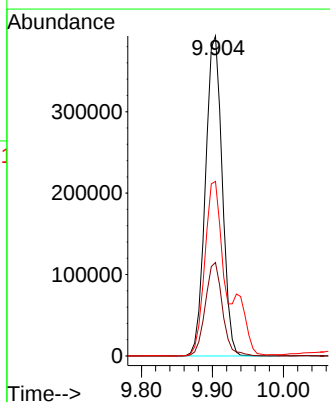
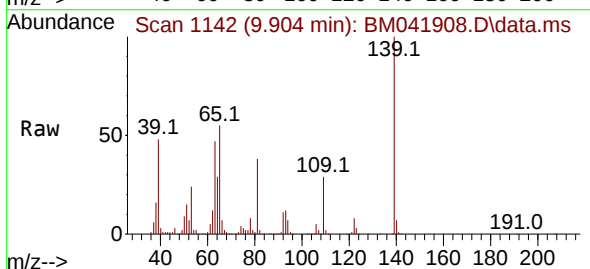
Manual Integrations
APPROVED

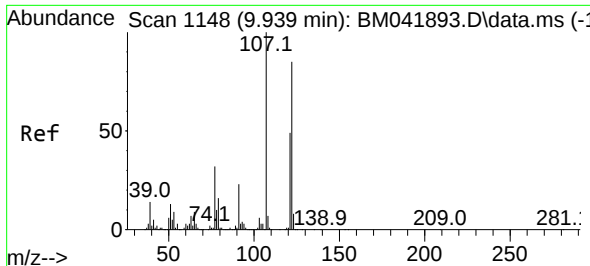
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023



#26
2-Nitrophenol
Concen: 53.993 ng
RT: 9.904 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

Tgt Ion:139 Resp: 643975
Ion Ratio Lower Upper
139 100
109 29.2 23.0 34.4
65 54.5 44.5 66.7





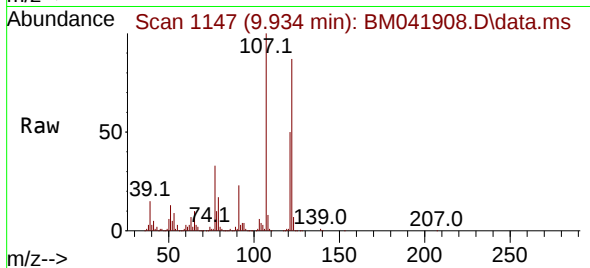
#27
2,4-Dimethylphenol
Concen: 52.235 ng
RT: 9.934 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

Instrument :

BNA_M

ClientSampleId :

PB155456BS



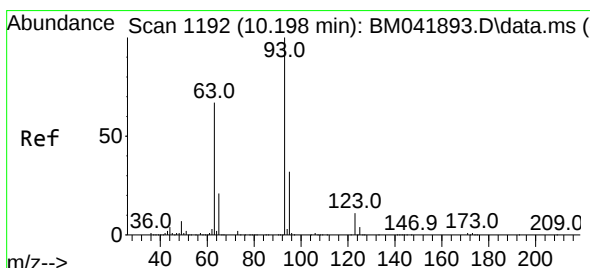
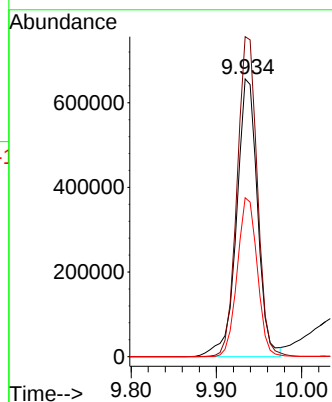
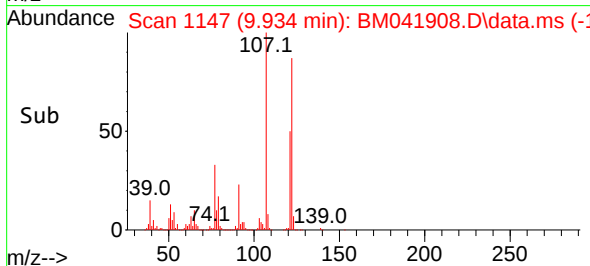
Tgt Ion:122 Resp: 112045
Ion Ratio Lower Upper
122 100
107 115.2 93.8 140.6
121 57.2 46.4 69.6

Manual Integrations

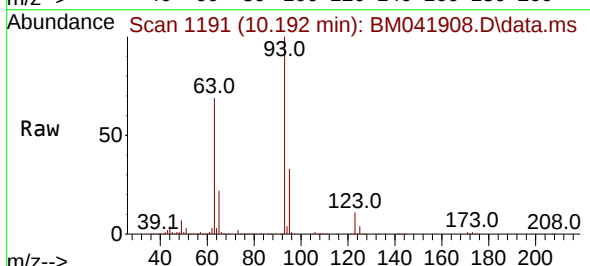
APPROVED

Reviewed By :Yogesh Patel 09/20/2023

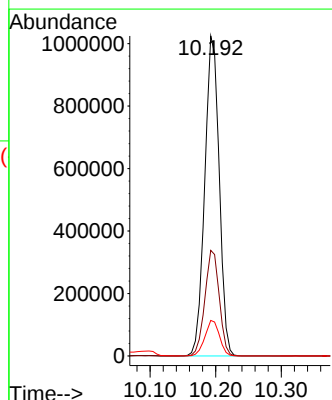
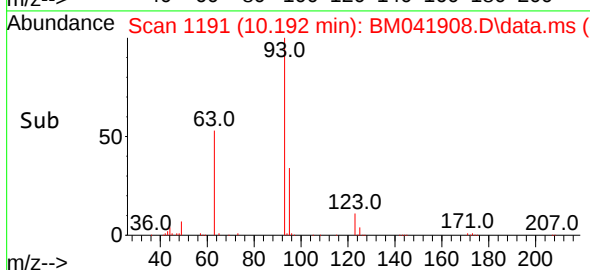
Supervised By :mohammad ahmed 09/21/2023

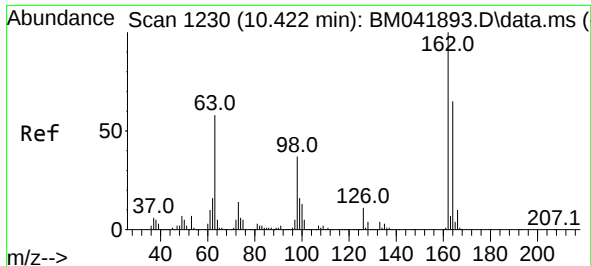


#28
bis(2-Chloroethoxy)methane
Concen: 51.209 ng
RT: 10.192 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07



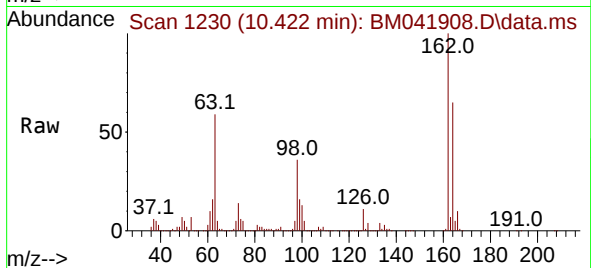
Tgt Ion: 93 Resp: 1576028
Ion Ratio Lower Upper
93 100
95 33.0 25.9 38.9
123 11.1 9.2 13.8





#29
2,4-Dichlorophenol
Concen: 55.714 ng
RT: 10.422 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

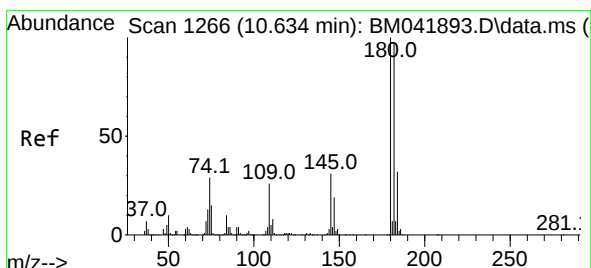
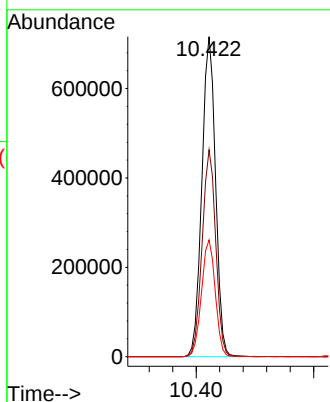
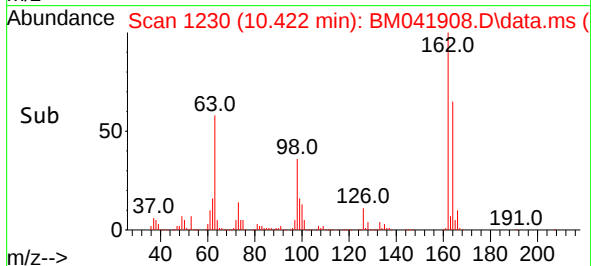
Instrument :
BNA_M
ClientSampleId :
PB155456BS



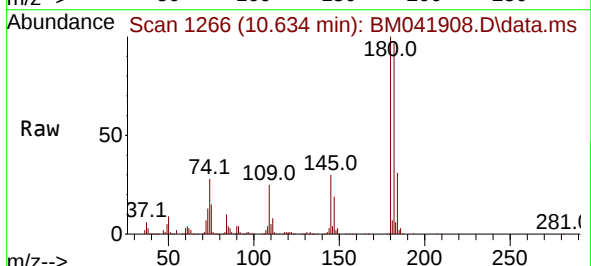
Tgt Ion:162 Resp: 115652
Ion Ratio Lower Upper
162 100
164 64.7 45.2 85.2
98 36.5 16.7 56.7

Manual Integrations
APPROVED

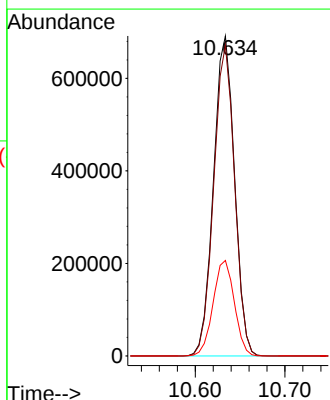
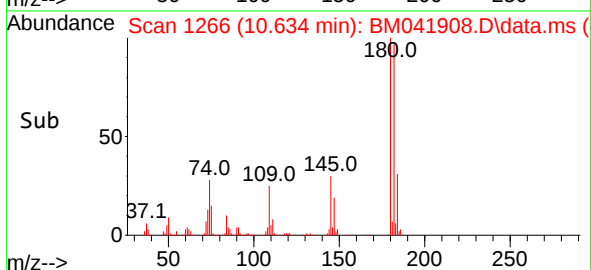
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023

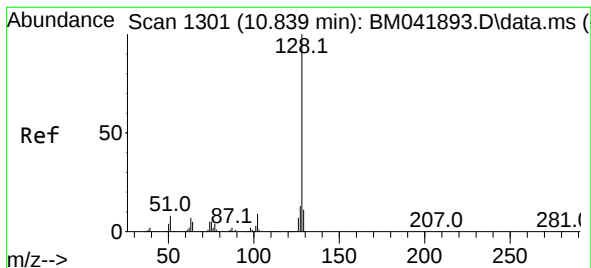


#30
1,2,4-Trichlorobenzene
Concen: 52.796 ng
RT: 10.634 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07



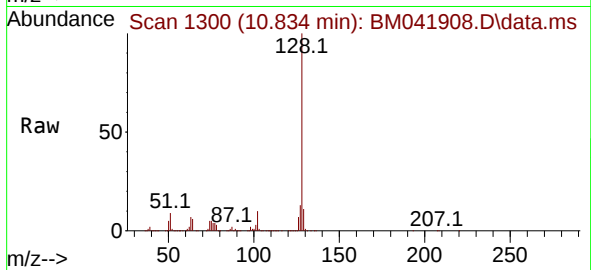
Tgt Ion:180 Resp: 1125223
Ion Ratio Lower Upper
180 100
182 97.2 77.7 116.5
145 29.8 24.6 37.0





#31
Naphthalene
Concen: 50.752 ng
RT: 10.834 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

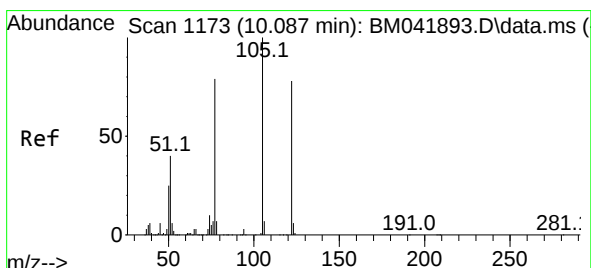
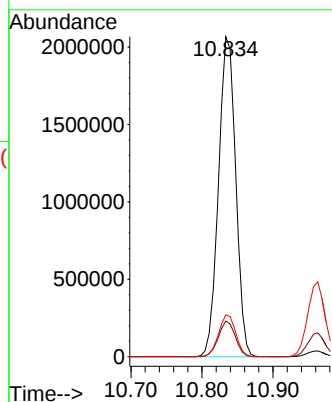
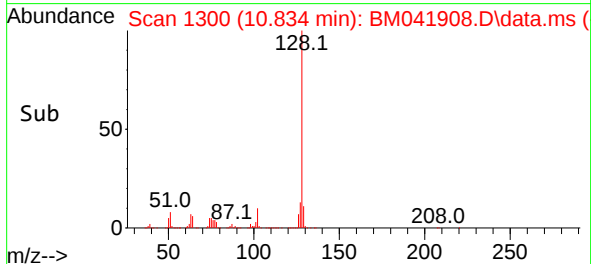
Instrument :
BNA_M
ClientSampleId :
PB155456BS



Tgt Ion:128 Resp: 347074
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.0 10.4 15.6

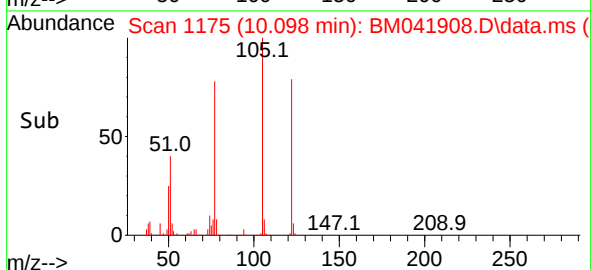
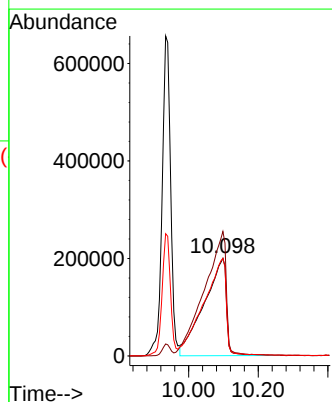
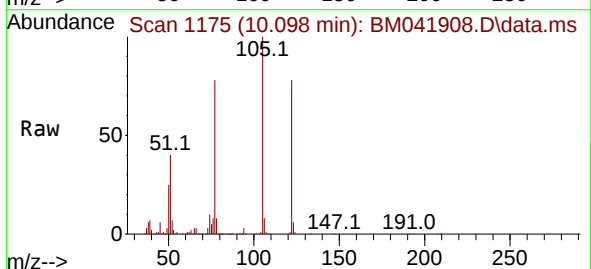
Manual Integrations
APPROVED

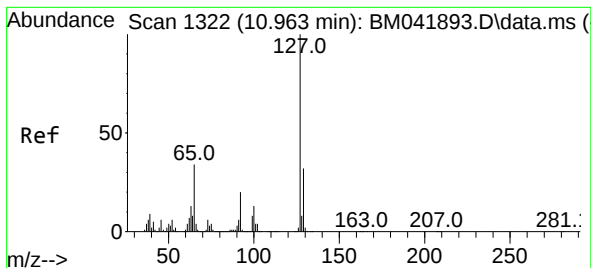
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023



#32
Benzoic acid
Concen: 52.594 ng
RT: 10.098 min Scan# 1175
Delta R.T. 0.012 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

Tgt Ion:122 Resp: 888879
Ion Ratio Lower Upper
122 100
105 127.4 103.7 143.7
77 99.9 79.3 119.3





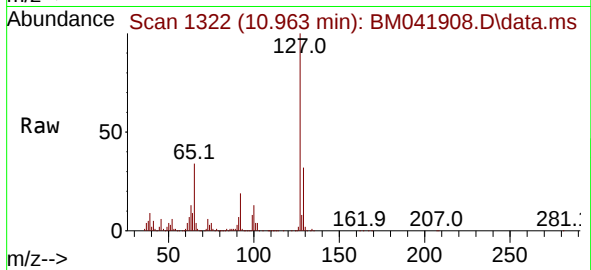
#33
4-Chloroaniline
Concen: 27.117 ng
RT: 10.963 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

Instrument :

BNA_M

ClientSampleId :

PB155456BS



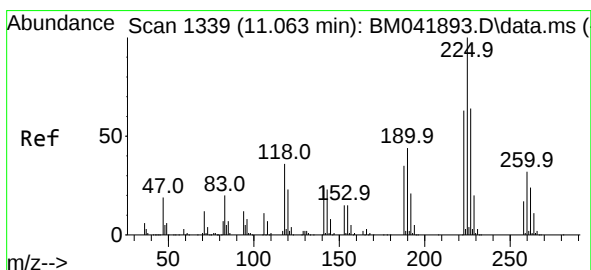
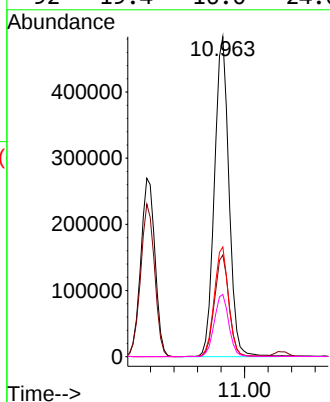
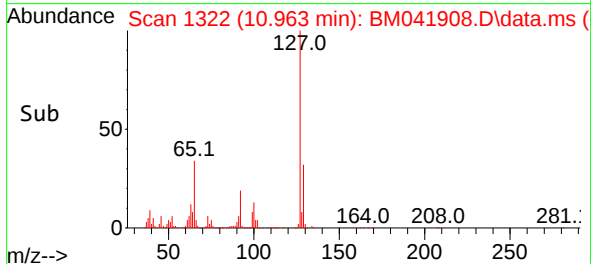
Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.7	38.5
65	34.3	27.3	40.9
92	19.4	16.0	24.0

Manual Integrations

APPROVED

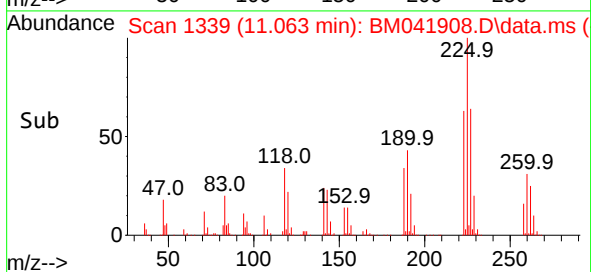
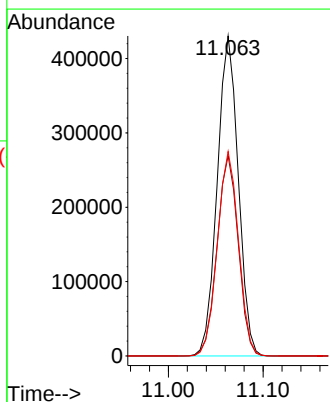
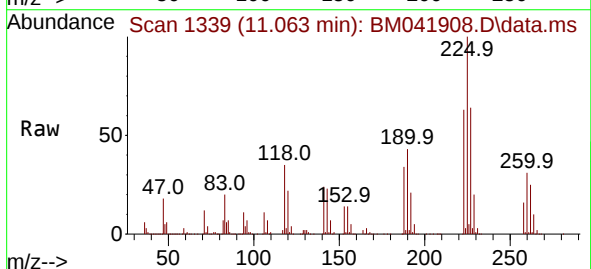
Reviewed By :Yogesh Patel 09/20/2023

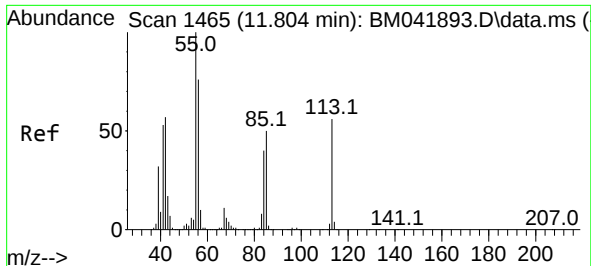
Supervised By :mohammad ahmed 09/21/2023



#34
Hexachlorobutadiene
Concen: 51.076 ng
RT: 11.063 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

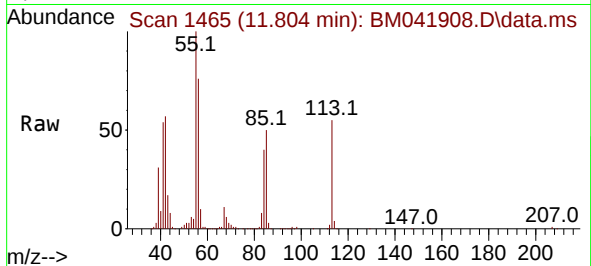
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.7	76.1
227	63.9	51.4	77.0





#35
 Caprolactam
 Concen: 48.811 ng m
 RT: 11.804 min Scan# 1465
 Delta R.T. 0.000 min
 Lab File: BM041908.D
 Acq: 19 Sep 2023 17:07

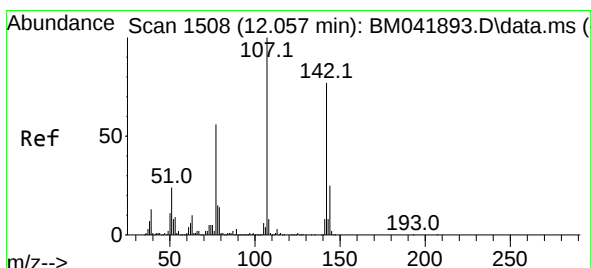
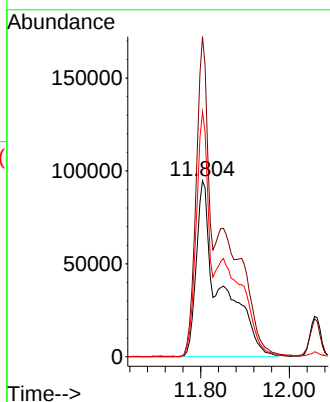
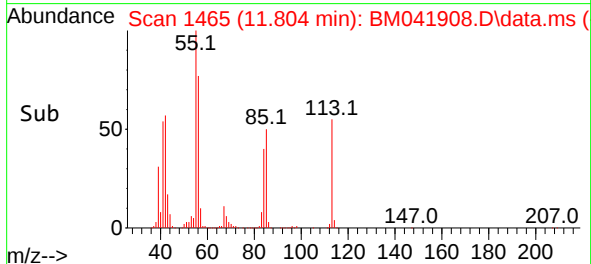
Instrument :
 BNA_M
 ClientSampleId :
 PB155456BS



Tgt Ion:113 Resp: 36213
 Ion Ratio Lower Upper
 113 100
 55 181.9 158.5 198.5
 56 139.1 115.8 155.8

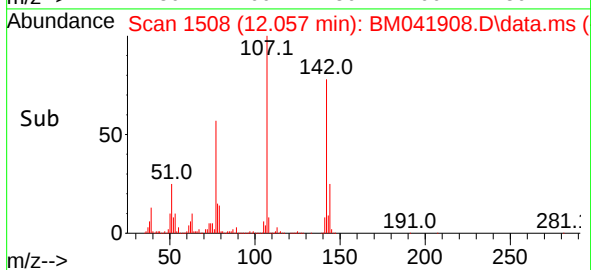
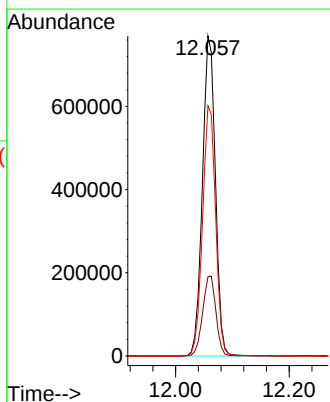
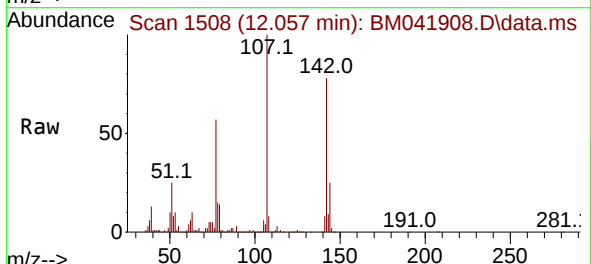
Manual Integrations
 APPROVED

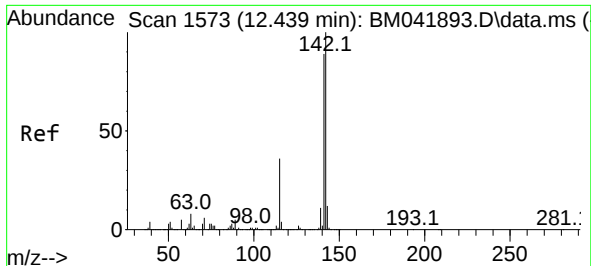
Reviewed By :Yogesh Patel 09/20/2023
 Supervised By :mohammad ahmed 09/21/2023



#36
 4-Chloro-3-methylphenol
 Concen: 52.484 ng
 RT: 12.057 min Scan# 1508
 Delta R.T. 0.000 min
 Lab File: BM041908.D
 Acq: 19 Sep 2023 17:07

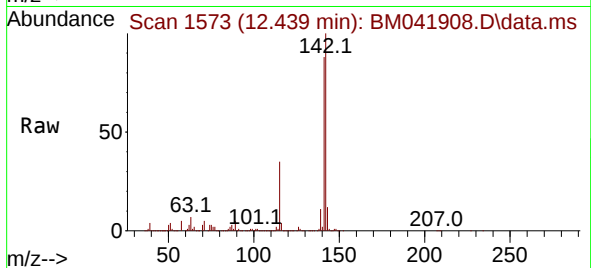
Tgt Ion:107 Resp: 1214176
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.2 30.2
 142 78.2 61.7 92.5





#37
2-Methylnaphthalene
Concen: 47.576 ng
RT: 12.439 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

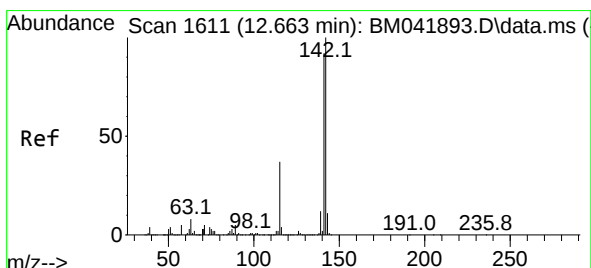
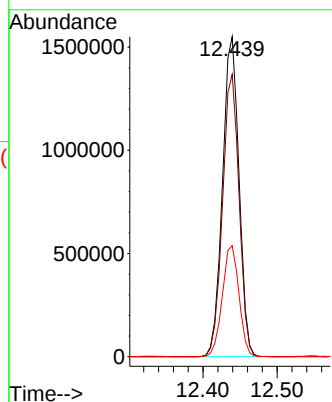
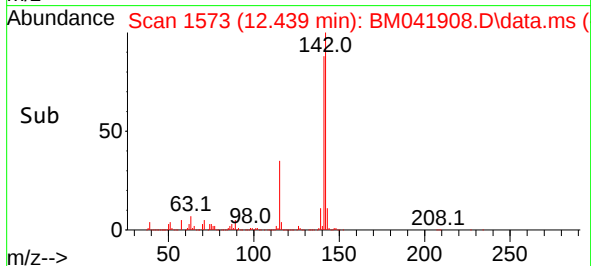
Instrument :
BNA_M
ClientSampleId :
PB155456BS



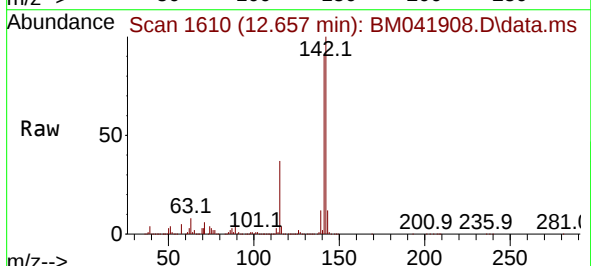
Tgt Ion:142 Resp: 239218
Ion Ratio Lower Upper
142 100
141 88.2 70.9 106.3
115 34.7 28.5 42.7

Manual Integrations
APPROVED

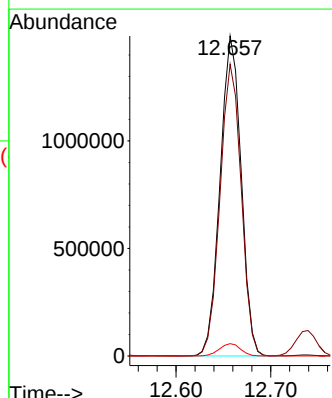
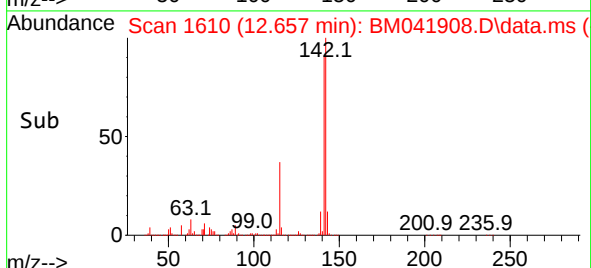
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023

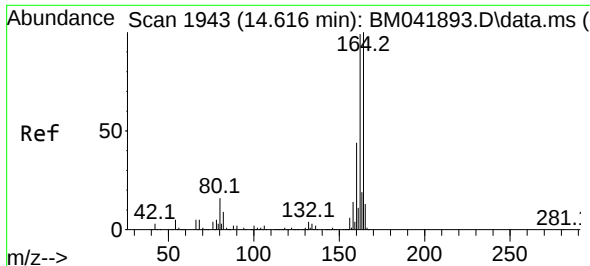


#38
1-Methylnaphthalene
Concen: 48.704 ng
RT: 12.657 min Scan# 1610
Delta R.T. -0.006 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07



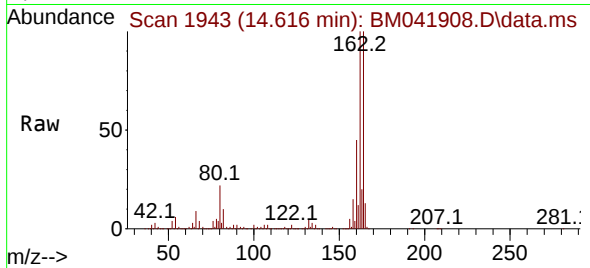
Tgt Ion:142 Resp: 2299966
Ion Ratio Lower Upper
142 100
141 91.2 73.8 110.6
116 3.8 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.616 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

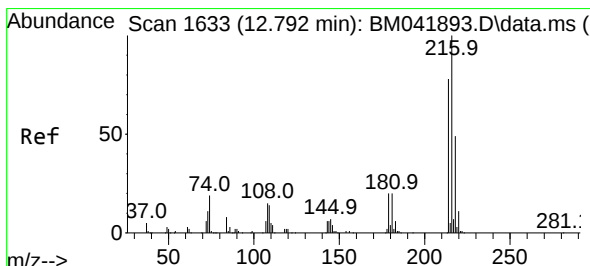
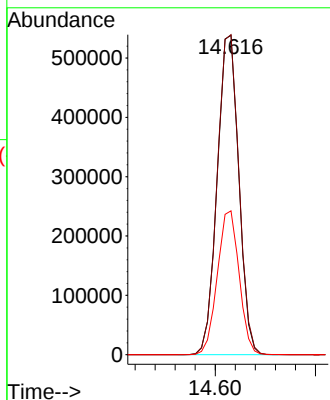
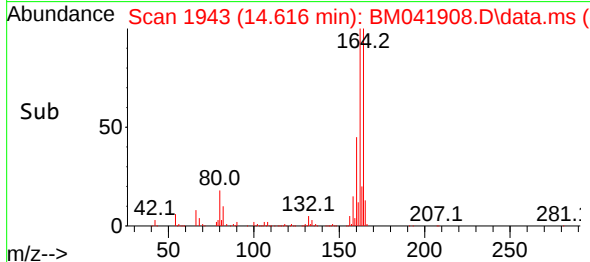
Instrument :
BNA_M
ClientSampleId :
PB155456BS



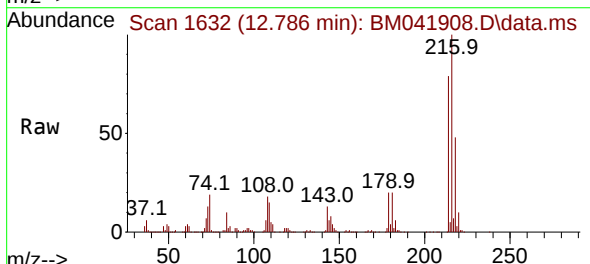
Tgt Ion:164 Resp: 80409
Ion Ratio Lower Upper
164 100
162 100.2 79.3 118.9
160 45.0 35.6 53.4

Manual Integrations
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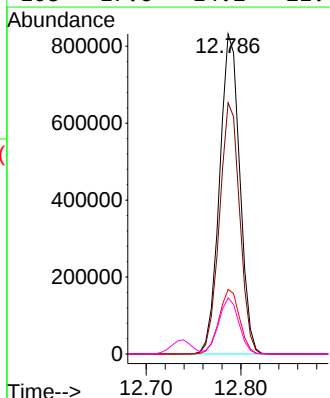
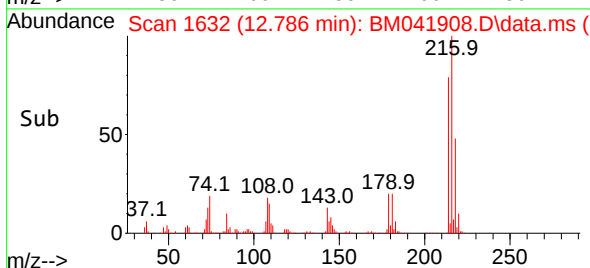
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023

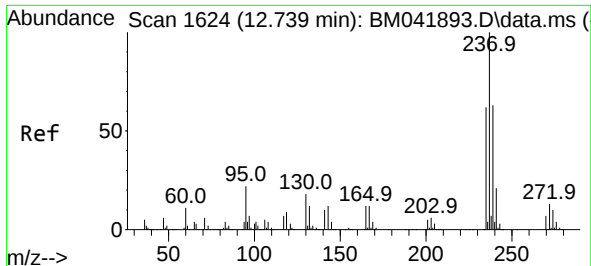


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.927 ng
RT: 12.786 min Scan# 1632
Delta R.T. -0.006 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07



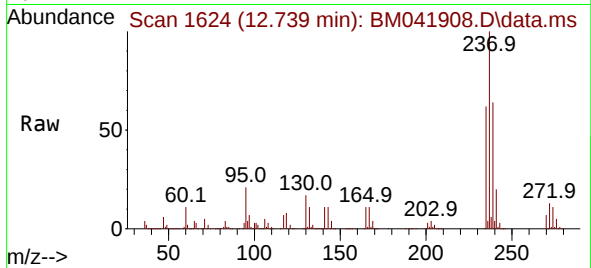
Tgt Ion:216 Resp: 1234243
Ion Ratio Lower Upper
216 100
214 78.6 62.6 93.8
179 20.5 16.3 24.5
108 17.6 14.2 21.4





#41
Hexachlorocyclopentadiene
Concen: 119.726 ng
RT: 12.739 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

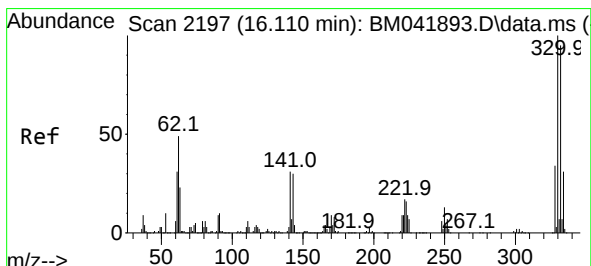
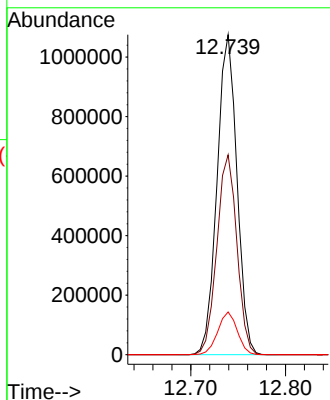
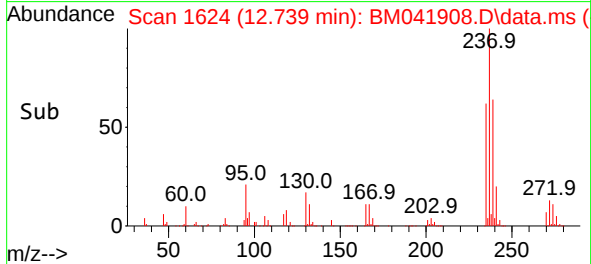
Instrument :
BNA_M
ClientSampleId :
PB155456BS



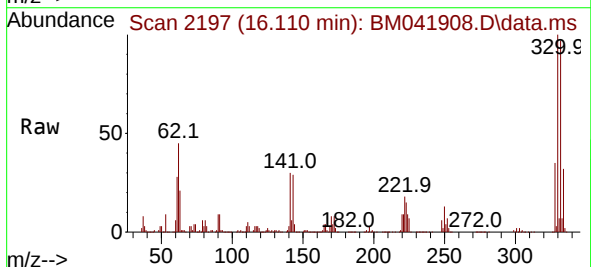
Tgt Ion:237 Resp: 1569880
Ion Ratio Lower Upper
237 100
235 62.5 42.0 82.0
272 13.3 0.0 32.9

Manual Integrations
APPROVED

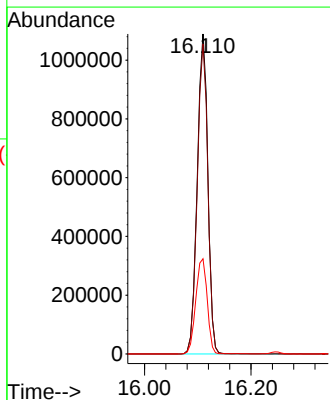
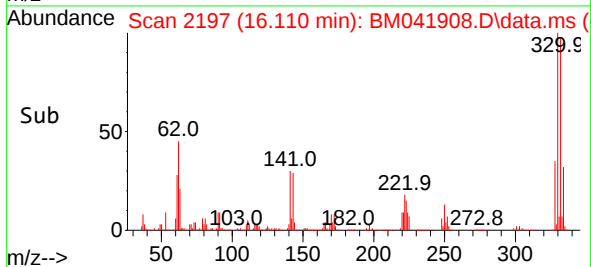
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023

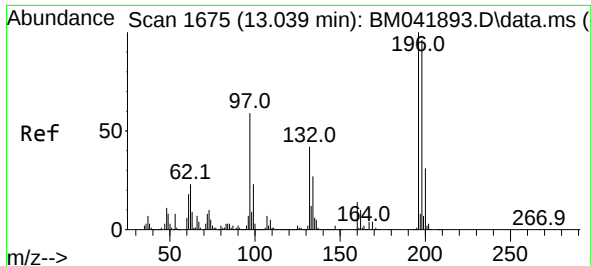


#42
2,4,6-Tribromophenol
Concen: 150.055 ng
RT: 16.110 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07



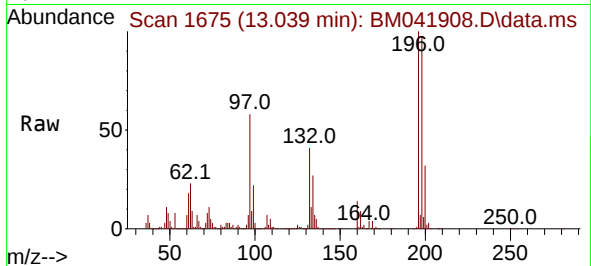
Tgt Ion:330 Resp: 1505457
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.6
141 32.1 27.0 40.4





#43
2,4,6-Trichlorophenol
Concen: 55.676 ng
RT: 13.039 min Scan# 1675
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

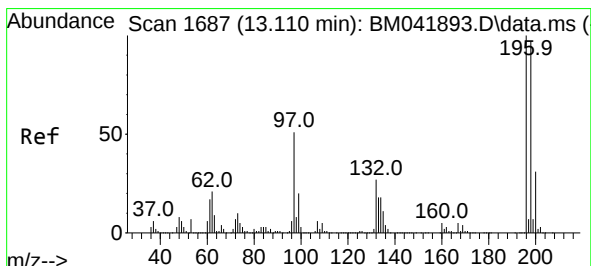
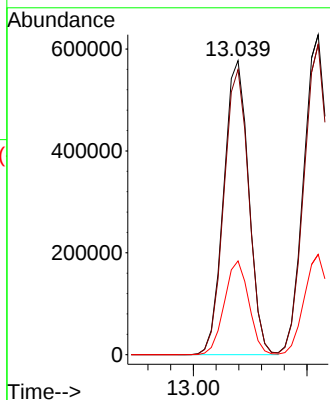
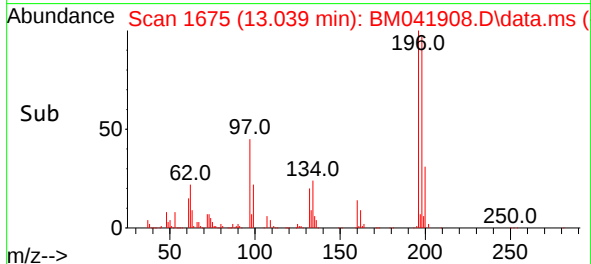
Instrument :
BNA_M
ClientSampleId :
PB155456BS



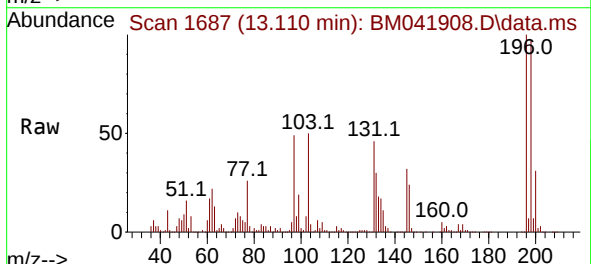
Tgt Ion:196 Resp: 88357
Ion Ratio Lower Upper
196 100
198 97.0 76.9 115.3
200 31.9 24.7 37.1

Manual Integrations
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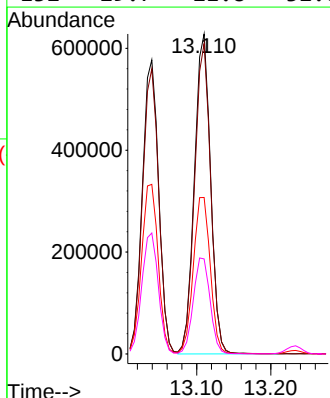
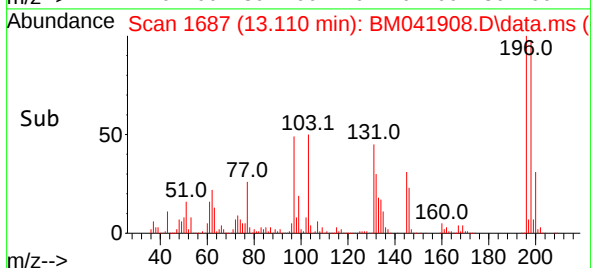
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023

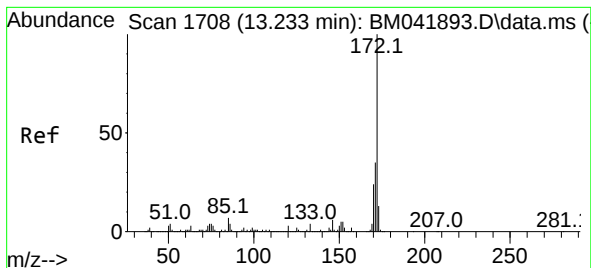


#44
2,4,5-Trichlorophenol
Concen: 51.261 ng
RT: 13.110 min Scan# 1687
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07



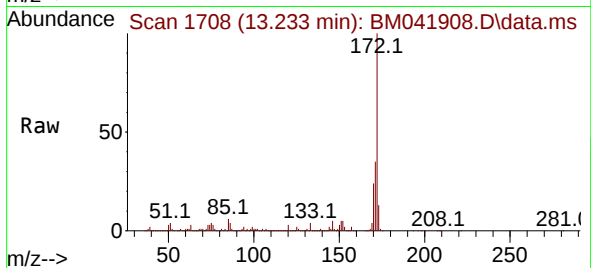
Tgt Ion:196 Resp: 952086
Ion Ratio Lower Upper
196 100
198 97.0 77.2 115.8
97 48.9 41.1 61.7
132 29.7 21.8 32.6





#45
2-Fluorobiphenyl
Concen: 99.175 ng
RT: 13.233 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

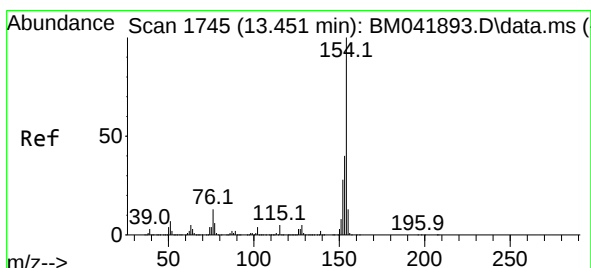
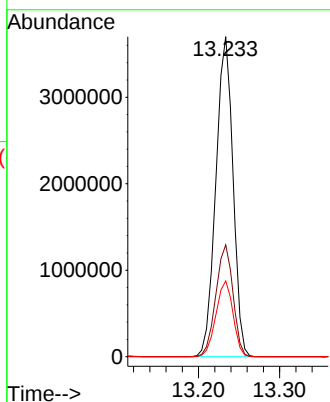
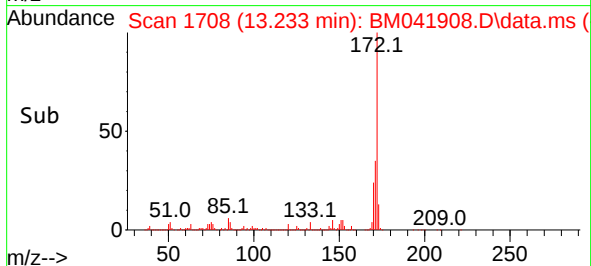
Instrument :
BNA_M
ClientSampleId :
PB155456BS



Tgt Ion:172 Resp: 543318
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.7 19.1 28.7

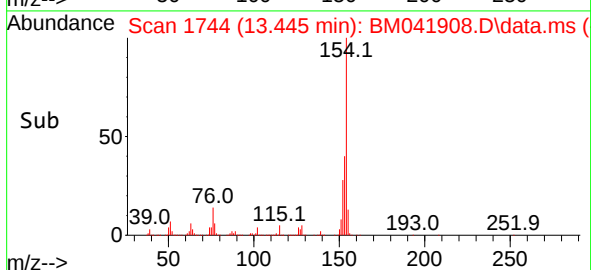
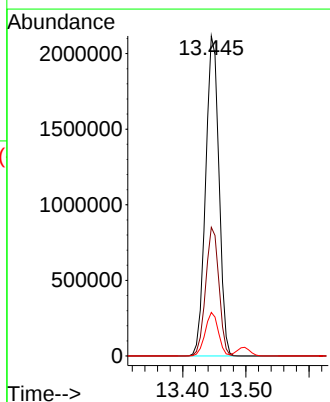
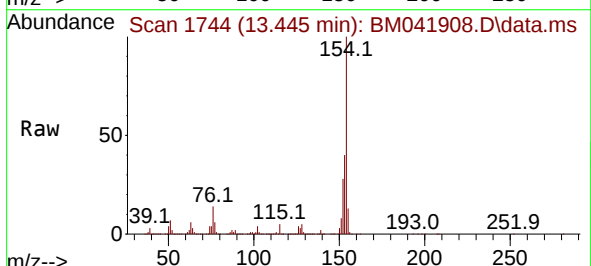
Manual Integrations
APPROVED

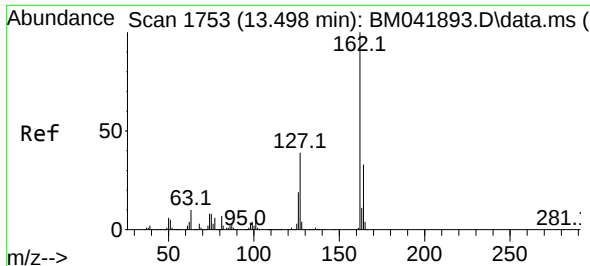
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023



#46
1,1'-Biphenyl
Concen: 52.249 ng
RT: 13.445 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

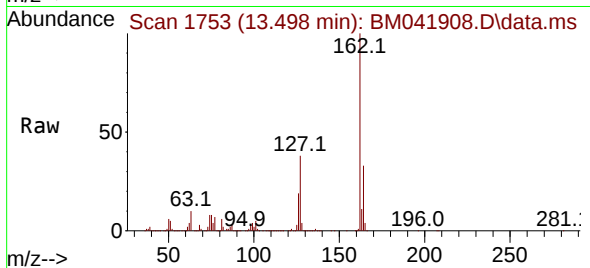
Tgt Ion:154 Resp: 3099797
Ion Ratio Lower Upper
154 100
153 40.2 19.9 59.9
76 13.6 0.0 33.1





#47
2-Chloronaphthalene
Concen: 54.522 ng
RT: 13.498 min Scan# 1753
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

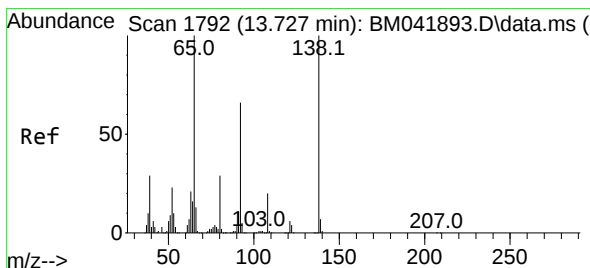
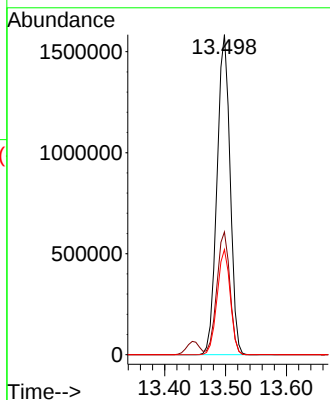
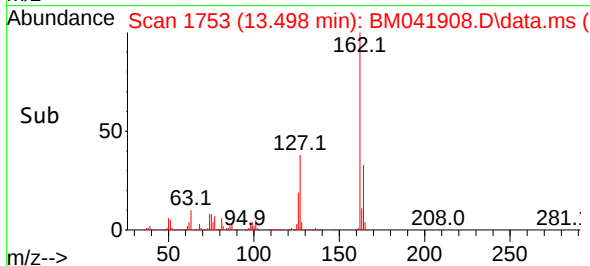
Instrument :
BNA_M
ClientSampleId :
PB155456BS



Tgt Ion:162 Resp: 235566
Ion Ratio Lower Upper
162 100
127 38.3 31.0 46.4
164 32.9 26.1 39.1

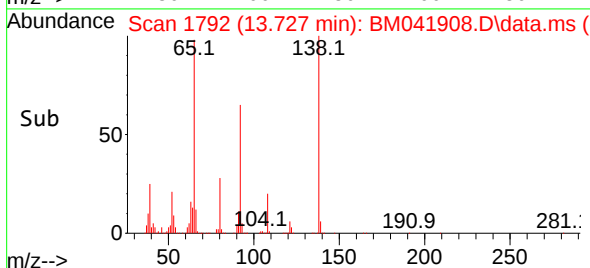
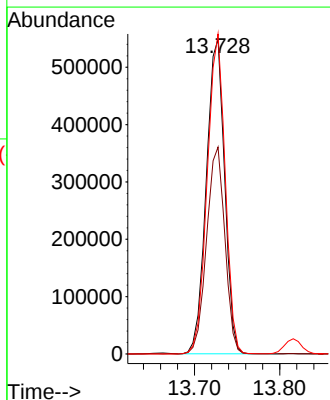
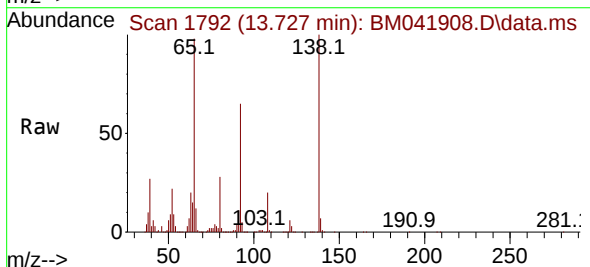
Manual Integrations
APPROVED

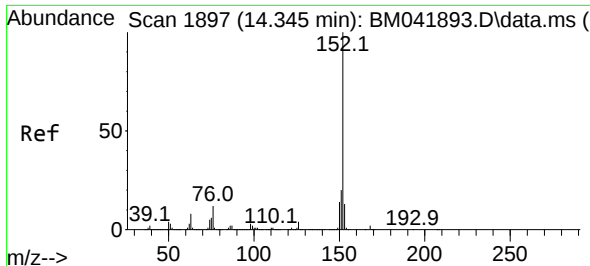
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023



#48
2-Nitroaniline
Concen: 52.895 ng
RT: 13.727 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

Tgt Ion: 65 Resp: 816621
Ion Ratio Lower Upper
65 100
92 65.7 52.8 79.2
138 101.6 80.3 120.5





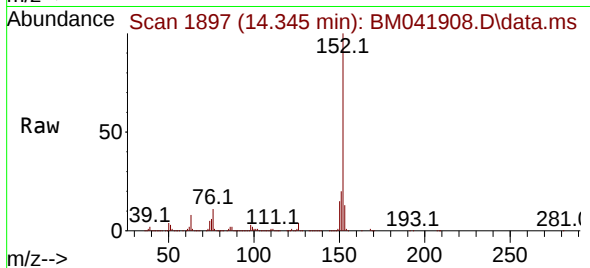
#49
Acenaphthylene
Concen: 53.524 ng
RT: 14.345 min Scan# 1897
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

Instrument :

BNA_M

ClientSampleId :

PB155456BS

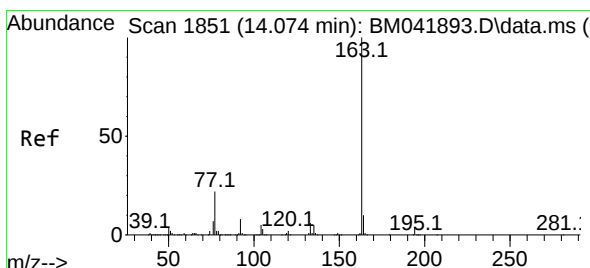
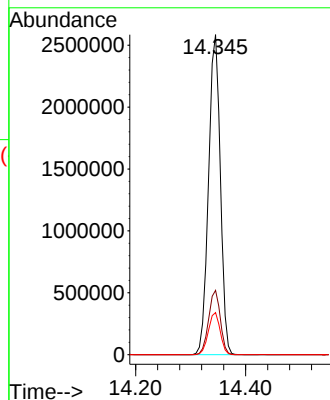
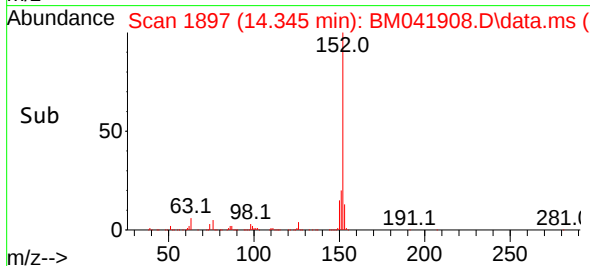


Tgt Ion:152 Resp: 3837789
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 13.2 10.5 15.7

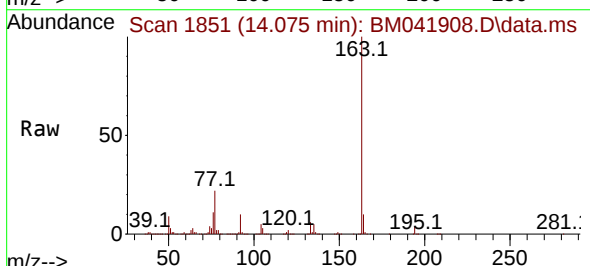
Manual Integrations

APPROVED

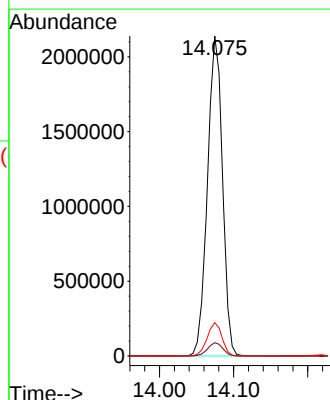
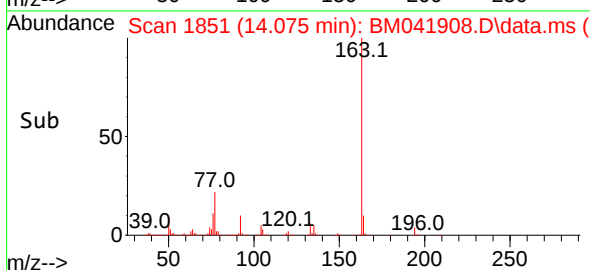
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023

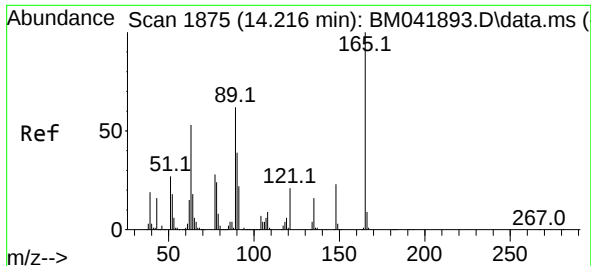


#50
Dimethylphthalate
Concen: 50.589 ng
RT: 14.075 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07



Tgt Ion:163 Resp: 3007334
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.4 8.2 12.4





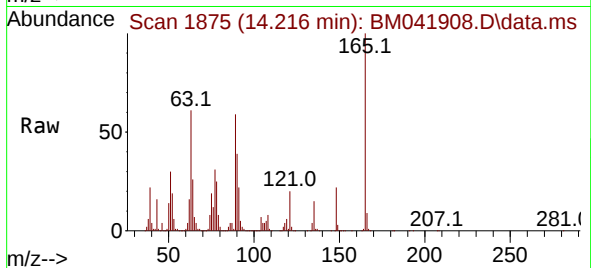
#51
2,6-Dinitrotoluene
Concen: 52.547 ng
RT: 14.216 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

Instrument :

BNA_M

ClientSampleId :

PB155456BS

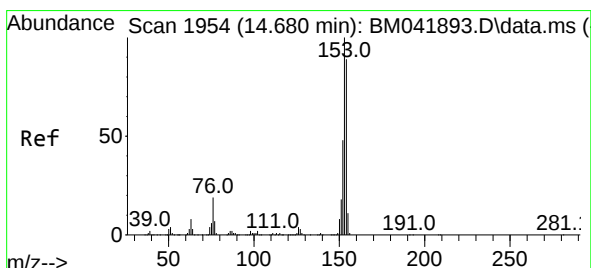
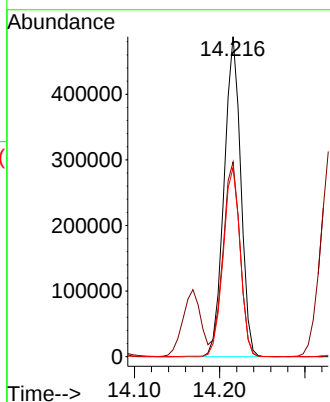
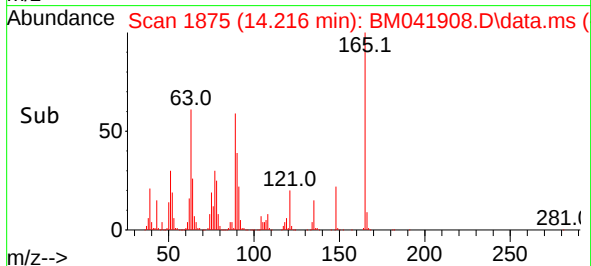


Tgt Ion:165 Resp: 661978
Ion Ratio Lower Upper
165 100
63 60.8 50.2 75.2
89 59.1 49.3 73.9

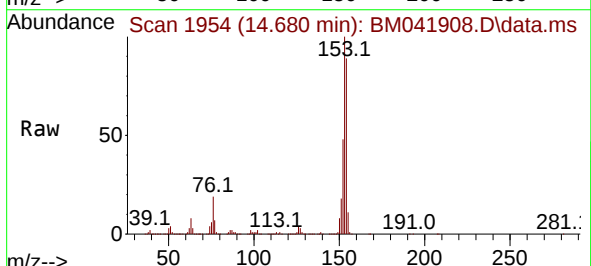
Manual Integrations

APPROVED

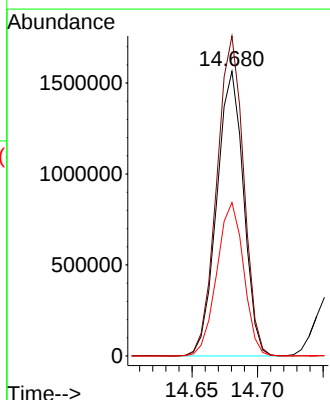
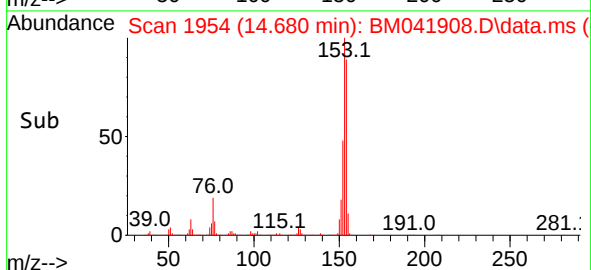
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023

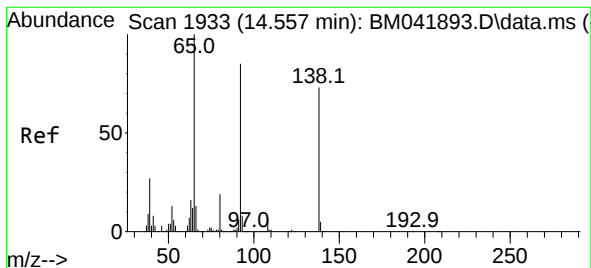


#52
Acenaphthene
Concen: 51.465 ng
RT: 14.680 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07



Tgt Ion:154 Resp: 2219470
Ion Ratio Lower Upper
154 100
153 112.4 90.3 135.5
152 53.9 43.4 65.2





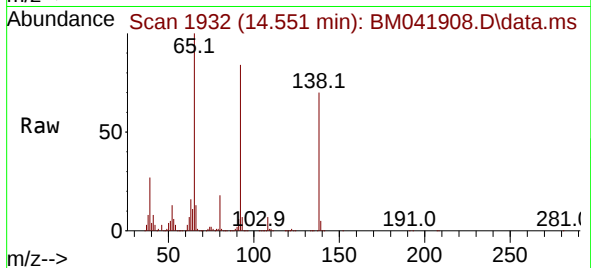
#53
3-Nitroaniline
Concen: 38.118 ng
RT: 14.551 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

Instrument :

BNA_M

ClientSampleId :

PB155456BS

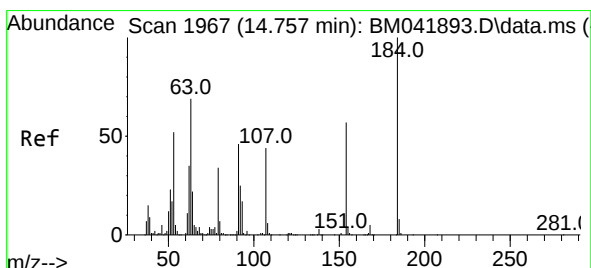
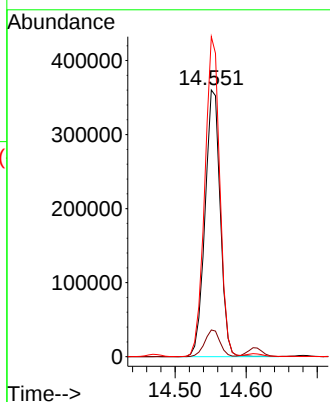
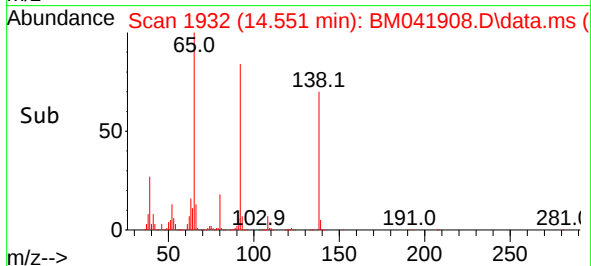


Tgt Ion:138 Resp: 537479
Ion Ratio Lower Upper
138 100
108 10.0 8.0 12.0
92 120.0 93.6 140.4

Manual Integrations

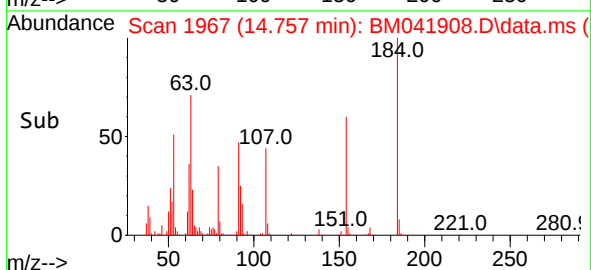
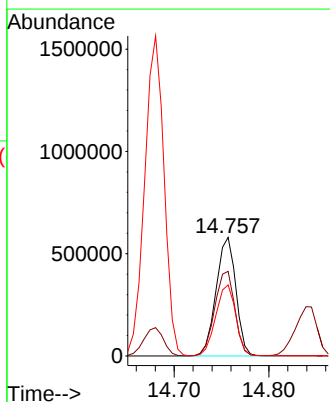
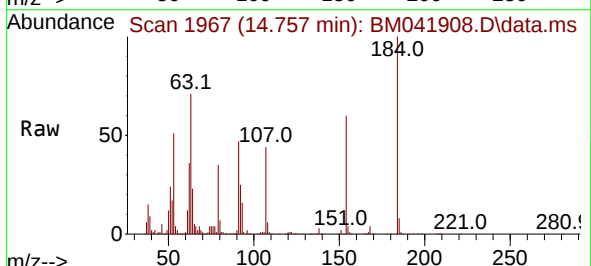
APPROVED

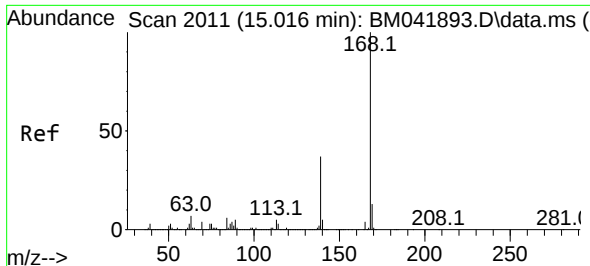
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023



#54
2,4-Dinitrophenol
Concen: 107.067 ng
RT: 14.757 min Scan# 1967
Delta R.T. -0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

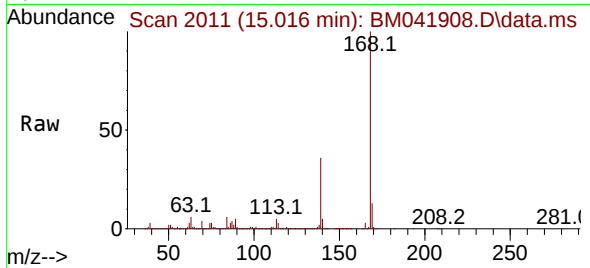
Tgt Ion:184 Resp: 842390
Ion Ratio Lower Upper
184 100
63 71.4 55.8 83.8
154 60.0 48.9 73.3





#55
Dibenzofuran
Concen: 50.719 ng
RT: 15.016 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

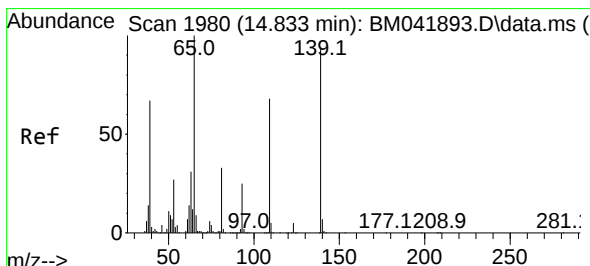
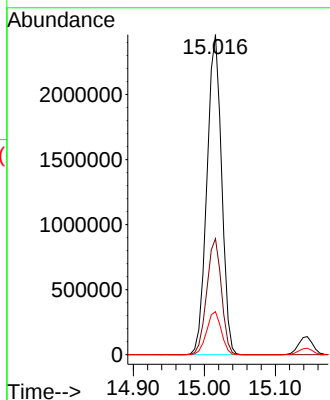
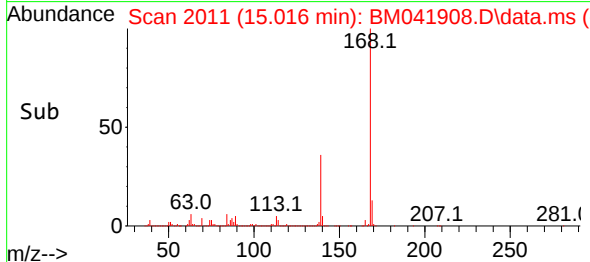
Instrument :
BNA_M
ClientSampleId :
PB155456BS



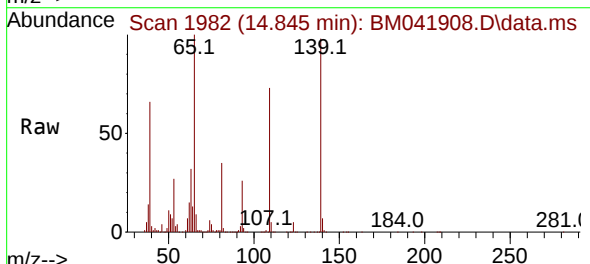
Tgt Ion:168 Resp: 353077
Ion Ratio Lower Upper
168 100
139 36.2 29.4 44.2
169 13.5 10.8 16.2

Manual Integrations
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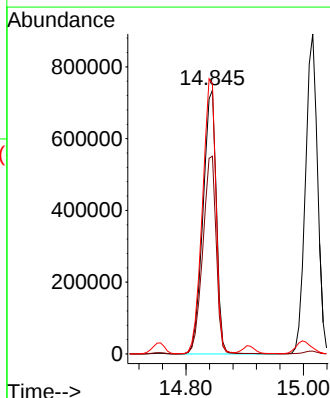
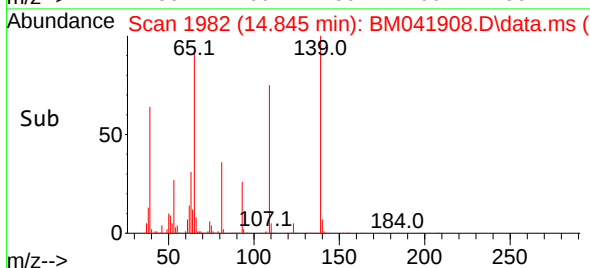
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023

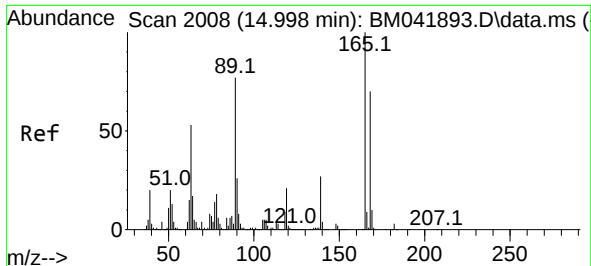


#56
4-Nitrophenol
Concen: 104.559 ng
RT: 14.845 min Scan# 1982
Delta R.T. 0.012 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07



Tgt Ion:139 Resp: 1169269
Ion Ratio Lower Upper
139 100
109 74.9 53.4 93.4
65 102.3 87.4 127.4





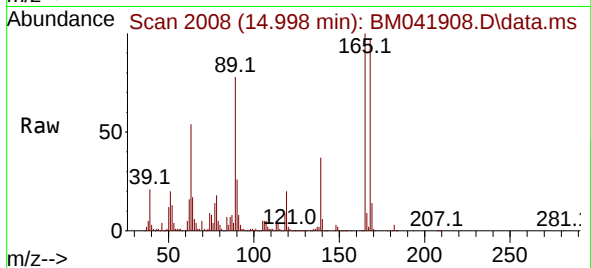
#57
2,4-Dinitrotoluene
Concen: 52.135 ng
RT: 14.998 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

Instrument :

BNA_M

ClientSampleId :

PB155456BS

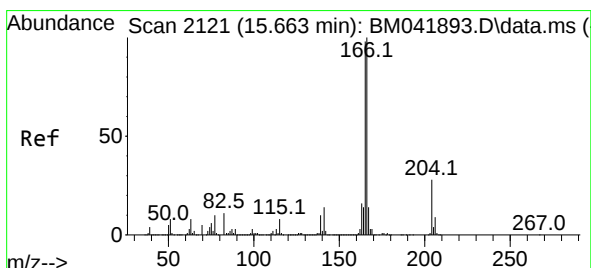
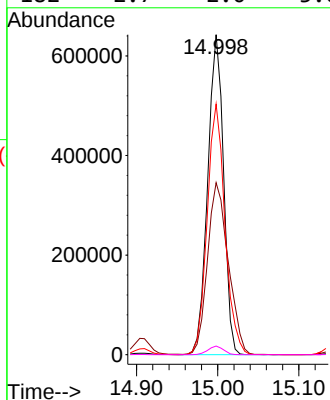
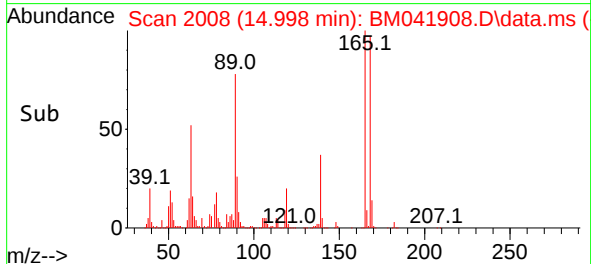


Tgt Ion:165 Resp: 868952
Ion Ratio Lower Upper
165 100
63 53.7 42.3 63.5
89 78.3 61.8 92.6
182 2.7 2.0 3.0

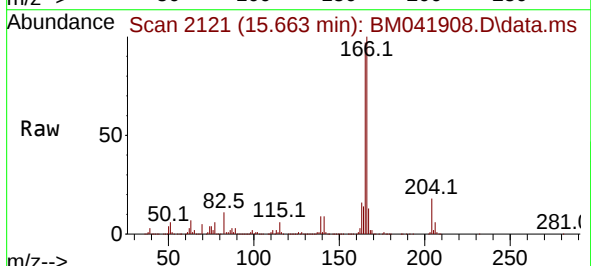
Manual Integrations

APPROVED

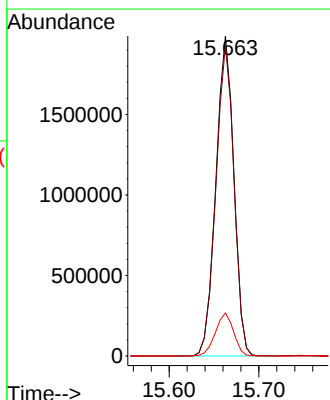
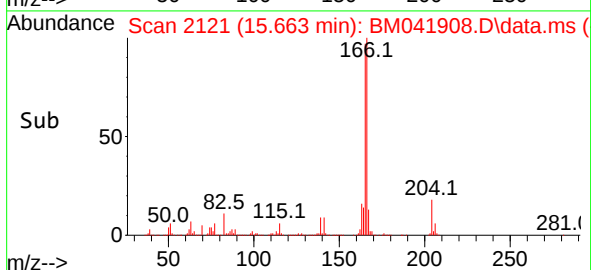
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023

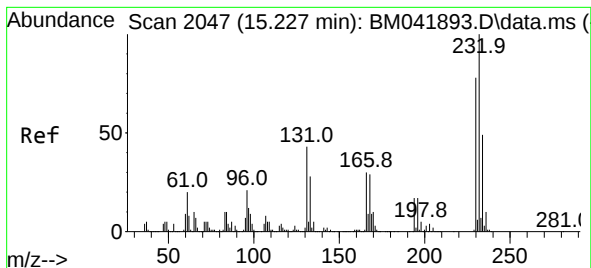


#58
Fluorene
Concen: 50.452 ng
RT: 15.663 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07



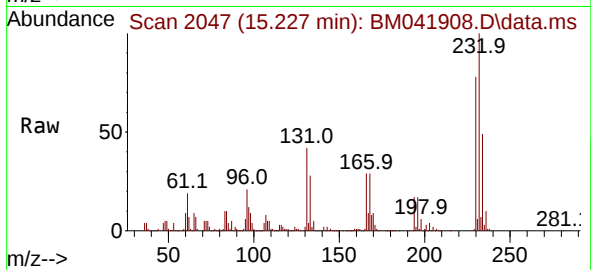
Tgt Ion:166 Resp: 2768958
Ion Ratio Lower Upper
166 100
165 97.1 78.2 117.2
167 13.5 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.228 ng
RT: 15.227 min Scan# 2047
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

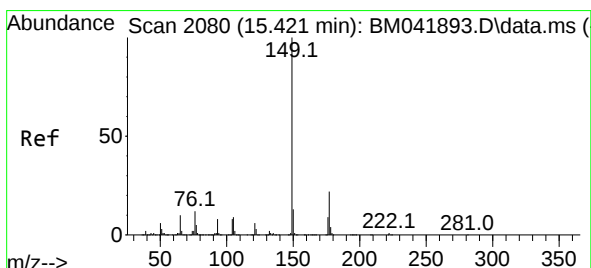
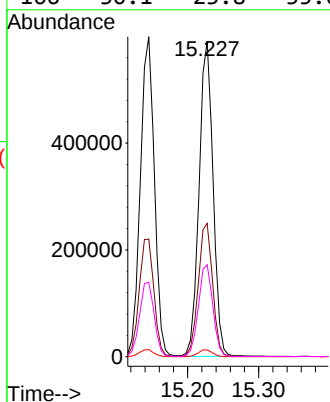
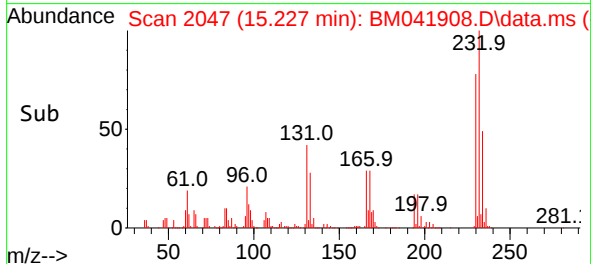
Instrument :
BNA_M
ClientSampleId :
PB155456BS



Tgt Ion:232 Resp: 81144
Ion Ratio Lower Upper
232 100
131 43.3 34.6 51.8
130 2.3 1.8 2.8
166 30.1 23.8 35.6

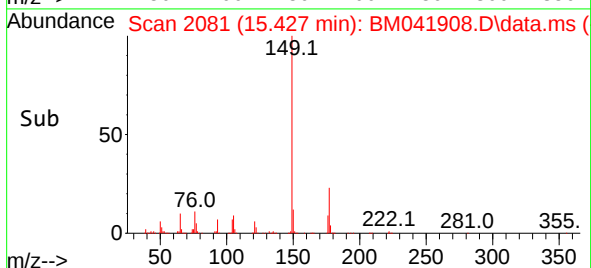
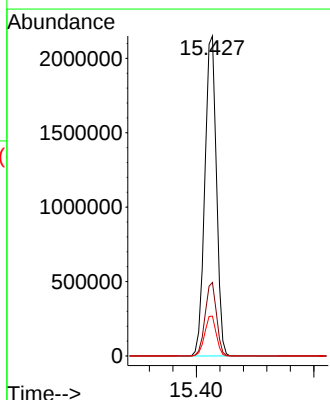
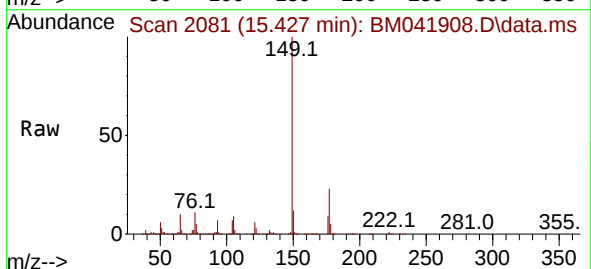
Manual Integrations
APPROVED

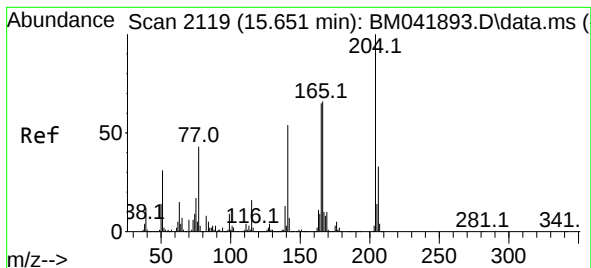
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023



#60
Diethylphthalate
Concen: 49.719 ng
RT: 15.427 min Scan# 2081
Delta R.T. 0.006 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

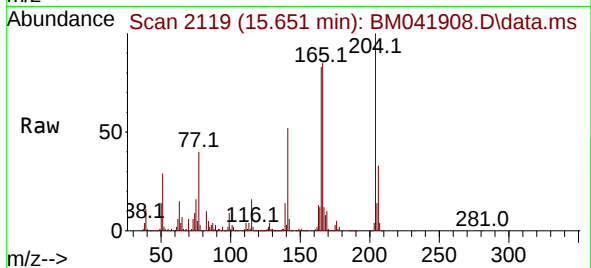
Tgt Ion:149 Resp: 2940013
Ion Ratio Lower Upper
149 100
177 23.0 17.9 26.9
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 50.636 ng
RT: 15.651 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

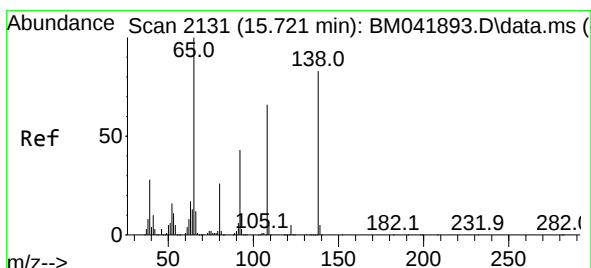
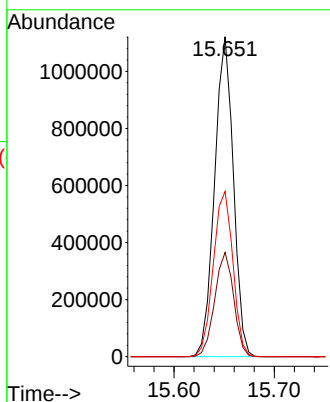
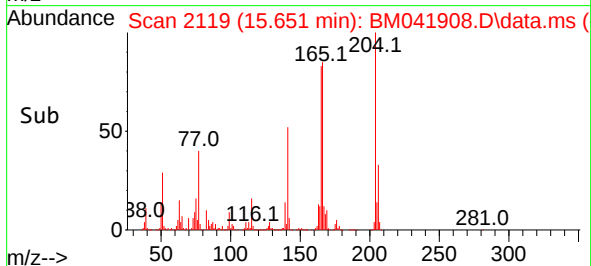
Instrument :
BNA_M
ClientSampleId :
PB155456BS



Tgt Ion:204 Resp: 145793
Ion Ratio Lower Upper
204 100
206 32.6 26.1 39.1
141 51.6 43.6 65.4

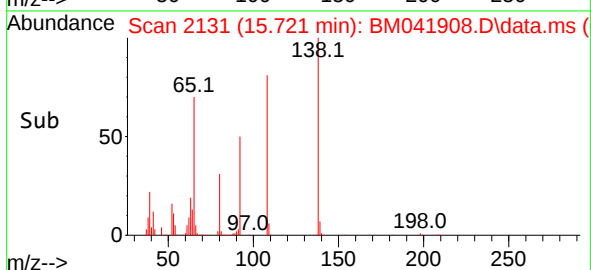
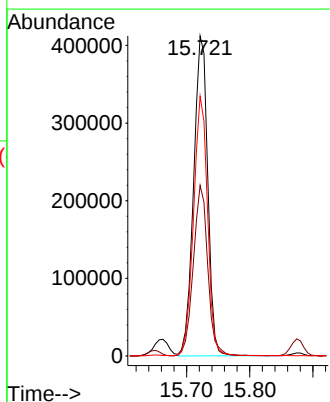
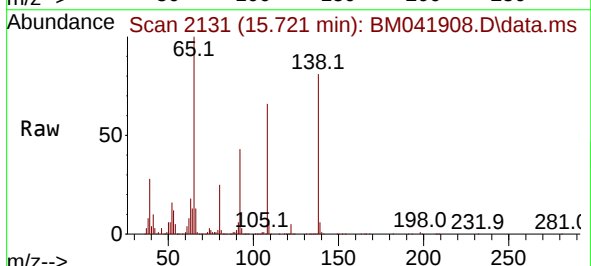
Manual Integrations
APPROVED

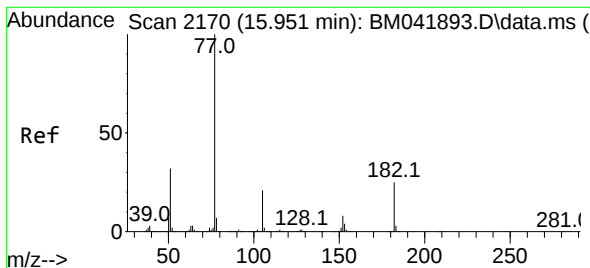
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023



#62
4-Nitroaniline
Concen: 47.113 ng
RT: 15.721 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

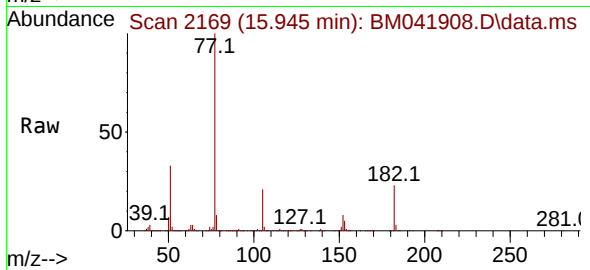
Tgt Ion:138 Resp: 638813
Ion Ratio Lower Upper
138 100
92 53.3 32.3 72.3
108 81.2 59.0 99.0





#63
Azobenzene
Concen: 50.777 ng
RT: 15.945 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

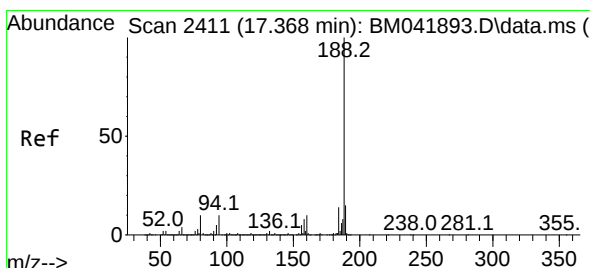
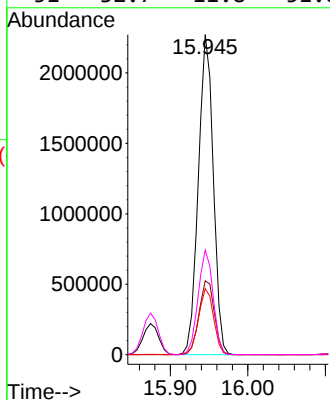
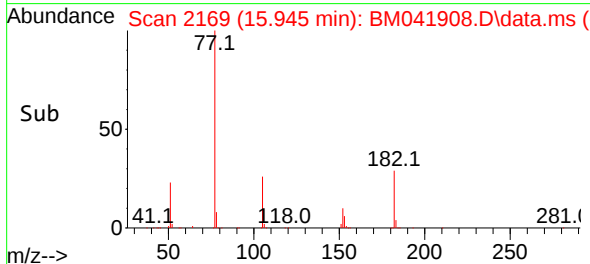
Instrument :
BNA_M
ClientSampleId :
PB155456BS



Tgt Ion: 77 Resp: 3043978
Ion Ratio Lower Upper
77 100
182 23.1 4.9 44.9
105 20.7 0.7 40.7
51 32.7 11.8 51.8

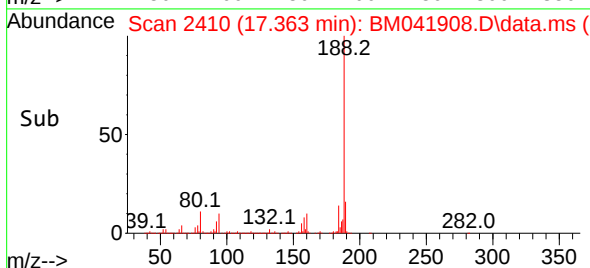
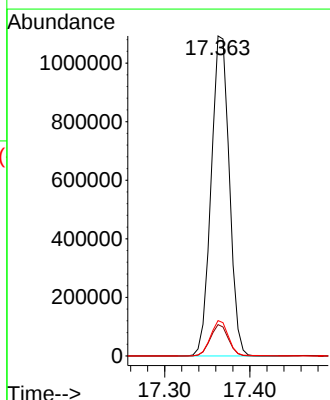
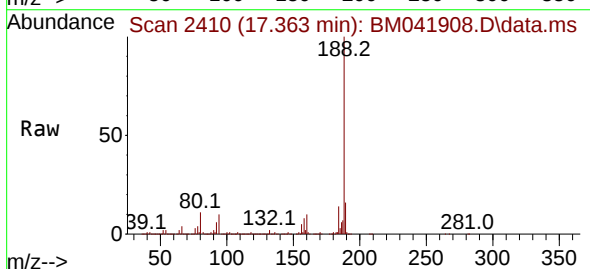
Manual Integrations
APPROVED

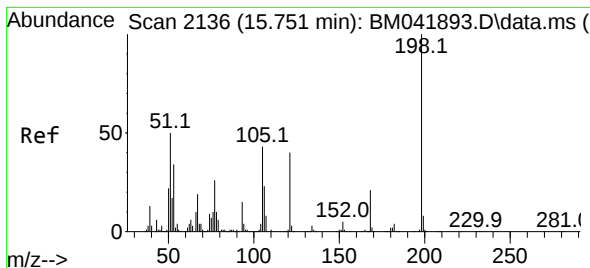
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.363 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

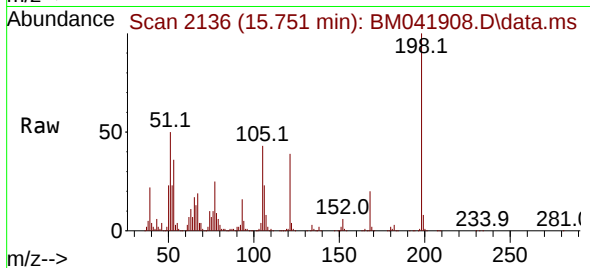
Tgt Ion:188 Resp: 1615970
Ion Ratio Lower Upper
188 100
94 9.8 7.6 11.4
80 11.1 8.3 12.5





#65
4,6-Dinitro-2-methylphenol
Concen: 54.372 ng
RT: 15.751 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

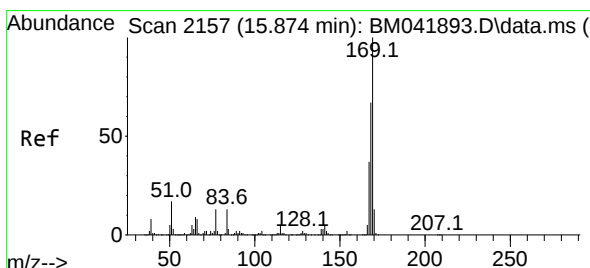
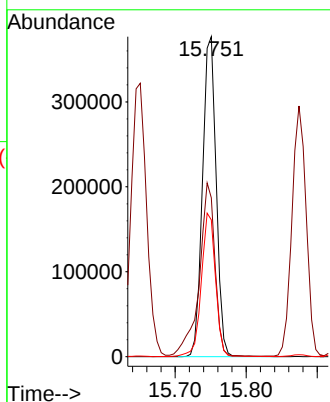
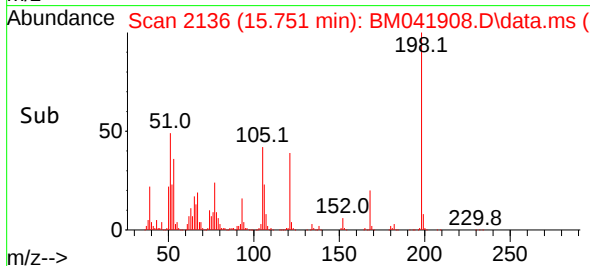
Instrument :
BNA_M
ClientSampleId :
PB155456BS



Tgt Ion:198 Resp: 504540
Ion Ratio Lower Upper
198 100
51 49.6 32.0 72.0
105 42.8 23.6 63.6

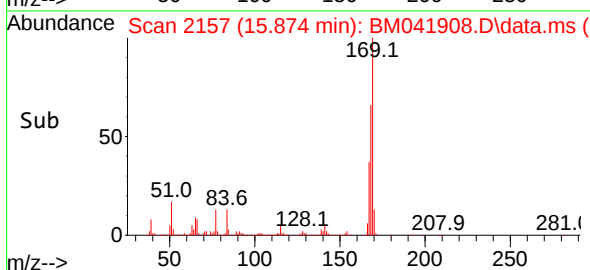
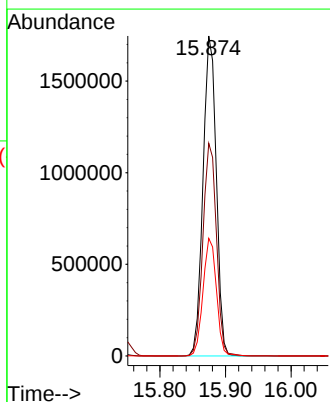
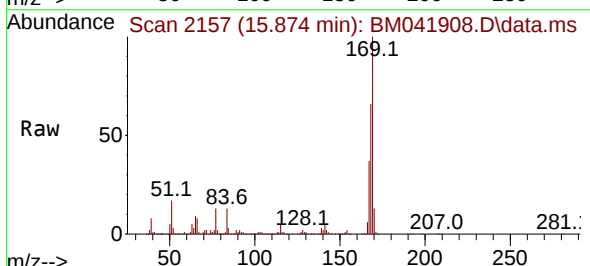
Manual Integrations
APPROVED

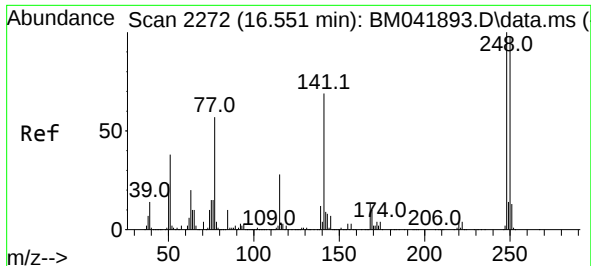
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023



#66
n-Nitrosodiphenylamine
Concen: 53.935 ng
RT: 15.874 min Scan# 2157
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

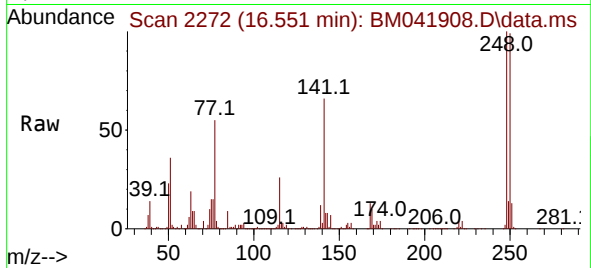
Tgt Ion:169 Resp: 2461592
Ion Ratio Lower Upper
169 100
168 66.5 53.6 80.4
167 36.7 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 53.229 ng
RT: 16.551 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

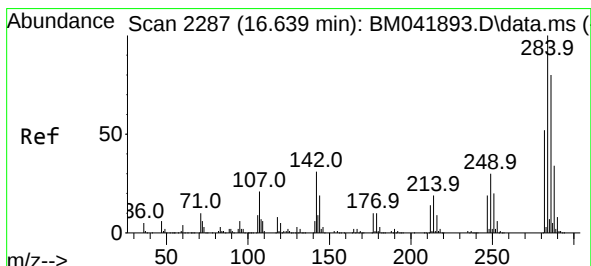
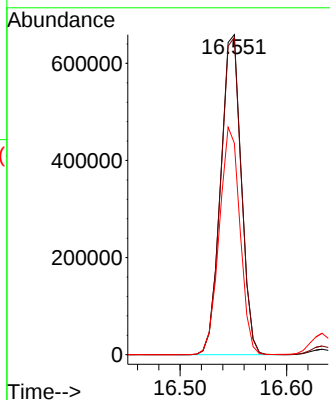
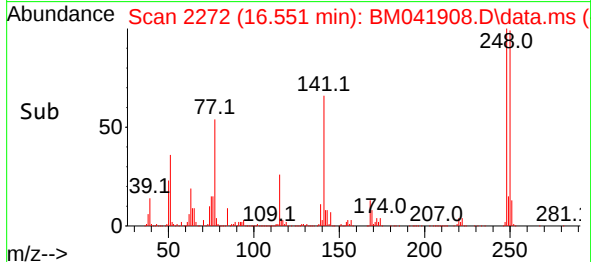
Instrument :
BNA_M
ClientSampleId :
PB155456BS



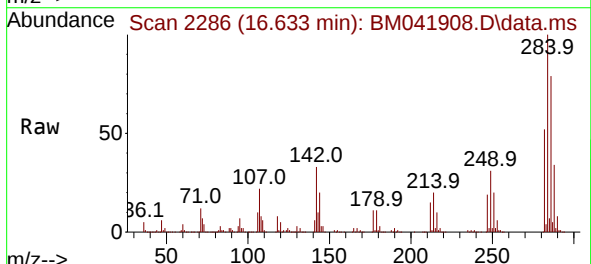
Tgt Ion:248 Resp: 88640
Ion Ratio Lower Upper
248 100
250 99.1 78.0 117.0
141 66.1 55.1 82.7

Manual Integrations
APPROVED

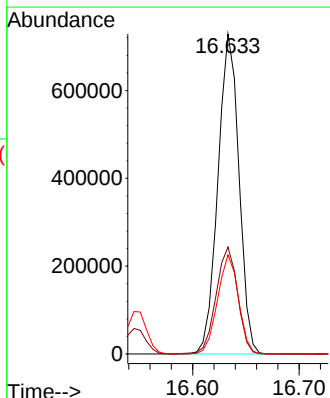
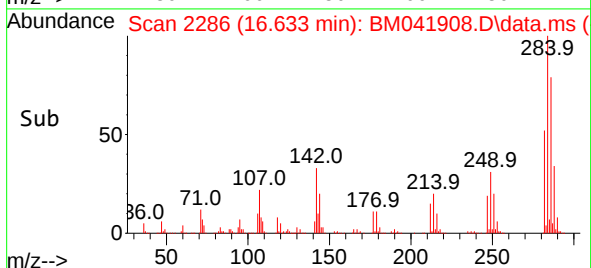
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023

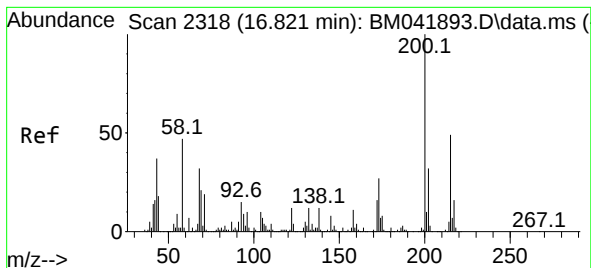


#68
Hexachlorobenzene
Concen: 56.537 ng
RT: 16.633 min Scan# 2286
Delta R.T. -0.006 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07



Tgt Ion:284 Resp: 996835
Ion Ratio Lower Upper
284 100
142 33.4 24.8 37.2
249 30.9 24.0 36.0





#69

Atrazine

Concen: 60.691 ng

RT: 16.821 min Scan# 2318

Delta R.T. 0.000 min

Lab File: BM041908.D

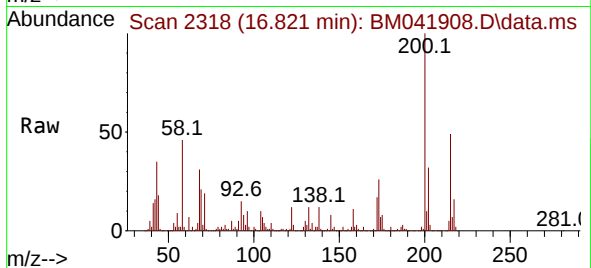
Acq: 19 Sep 2023 17:07

Instrument :

BNA_M

ClientSampleId :

PB155456BS



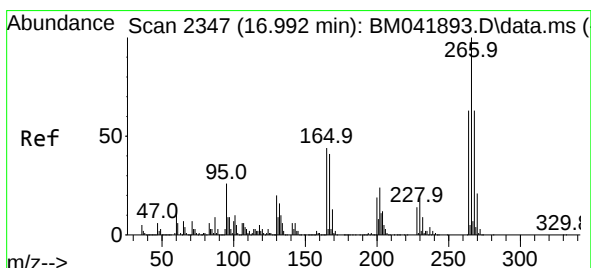
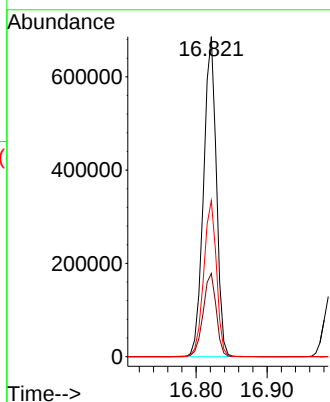
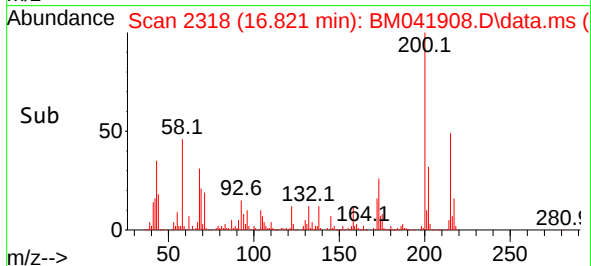
Tgt Ion:	200	Resp:	863770
Ion Ratio	Lower	Upper	
200	100		
173	26.0	6.5	46.5
215	48.7	28.9	68.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/21/2023



#70

Pentachlorophenol

Concen: 90.903 ng

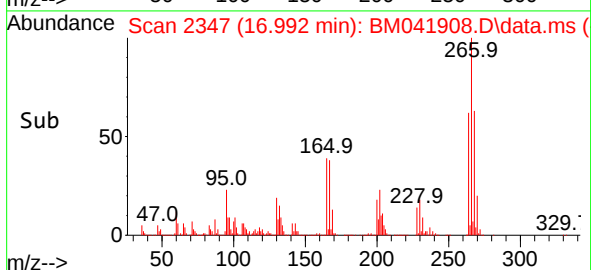
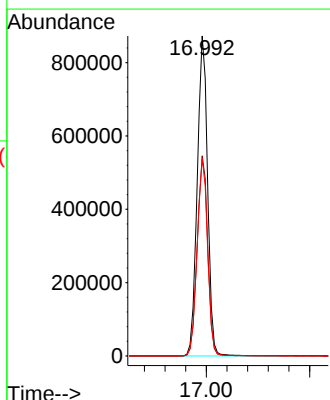
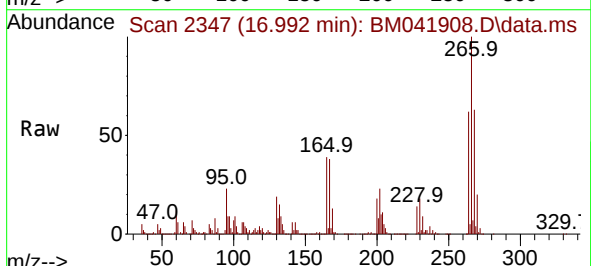
RT: 16.992 min Scan# 2347

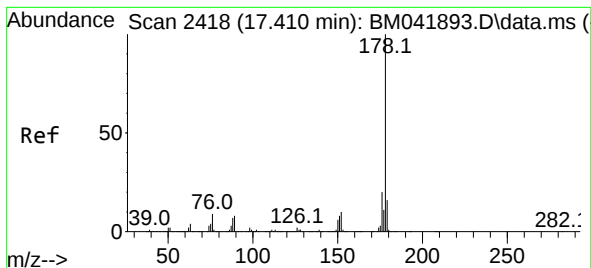
Delta R.T. 0.000 min

Lab File: BM041908.D

Acq: 19 Sep 2023 17:07

Tgt Ion:	266	Resp:	1210958
Ion Ratio	Lower	Upper	
266	100		
268	62.5	50.5	75.7
264	61.7	50.6	76.0





#71

Phenanthrene

Concen: 53.163 ng

RT: 17.410 min Scan# 2418

Delta R.T. 0.000 min

Lab File: BM041908.D

Acq: 19 Sep 2023 17:07

Instrument :

BNA_M

ClientSampleId :

PB155456BS

Tgt Ion:178 Resp: 428453

Ion Ratio Lower Upper

178 100

176 19.7 15.7 23.5

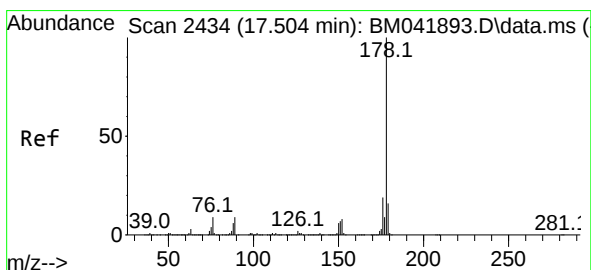
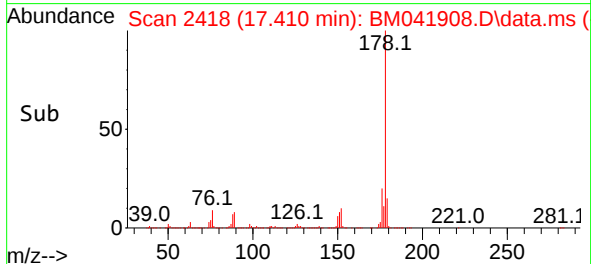
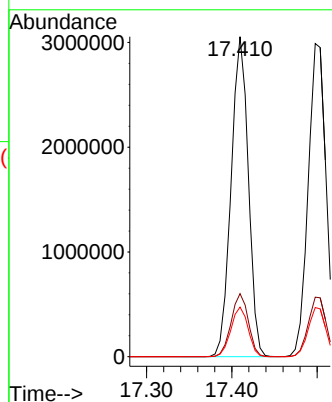
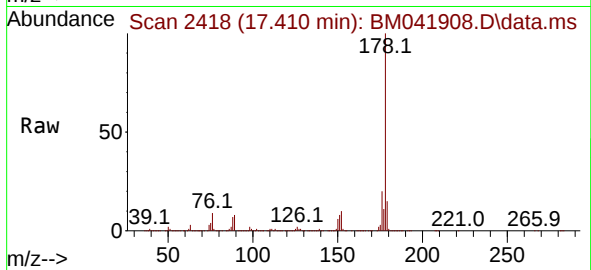
179 15.5 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/21/2023



#72

Anthracene

Concen: 52.848 ng

RT: 17.498 min Scan# 2433

Delta R.T. -0.006 min

Lab File: BM041908.D

Acq: 19 Sep 2023 17:07

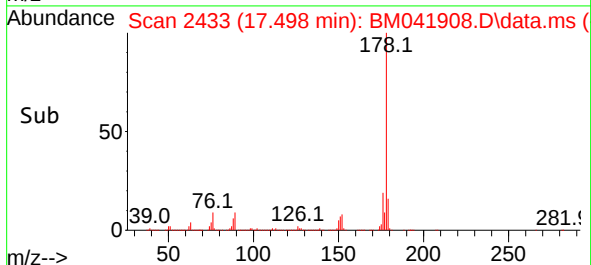
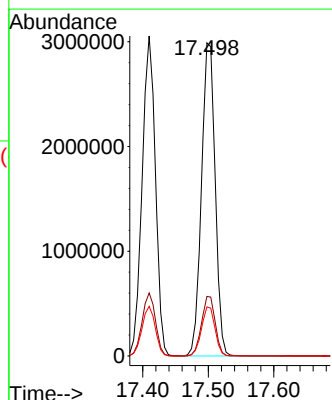
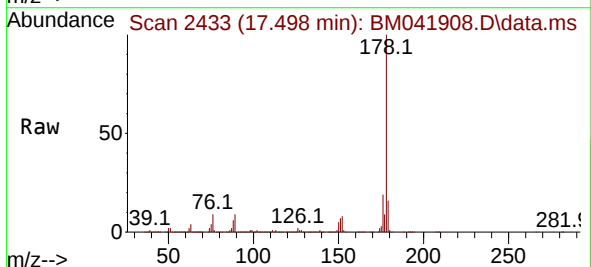
Tgt Ion:178 Resp: 4344877

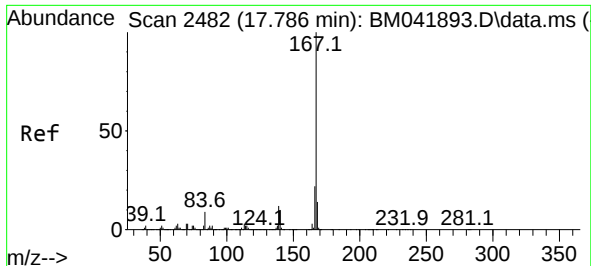
Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

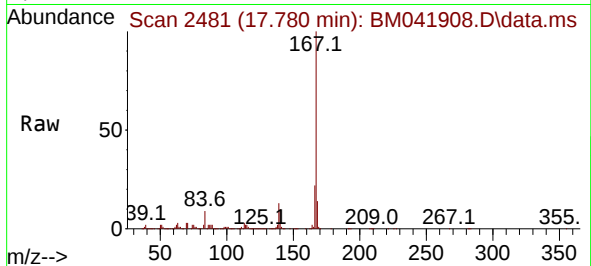
179 15.7 12.5 18.7





#73
 Carbazole
 Concen: 52.598 ng
 RT: 17.780 min Scan# 2482
 Delta R.T. -0.006 min
 Lab File: BM041908.D
 Acq: 19 Sep 2023 17:07

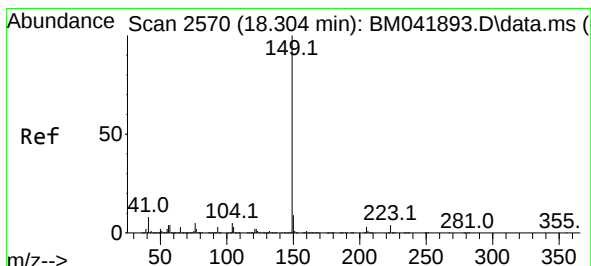
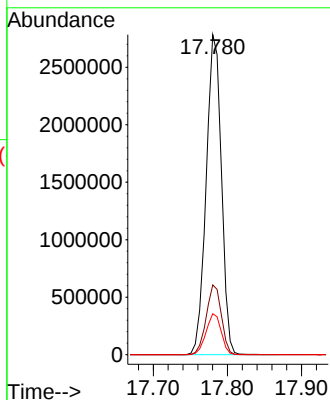
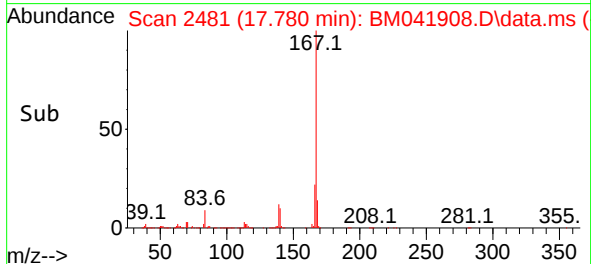
Instrument :
 BNA_M
 ClientSampleId :
 PB155456BS



Tgt Ion:167 Resp: 396510
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.5 26.3
 139 12.8 10.0 15.0

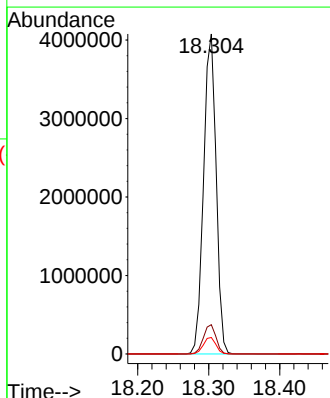
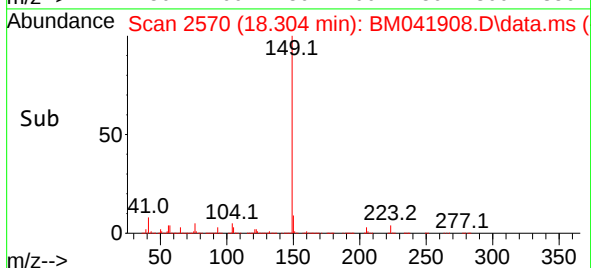
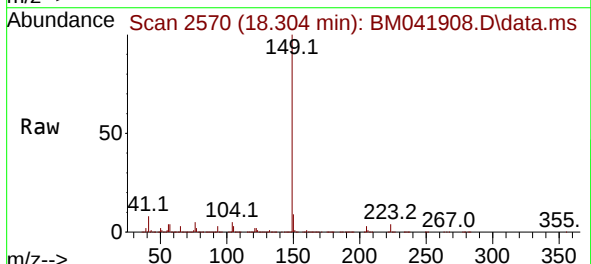
Manual Integrations
 APPROVED

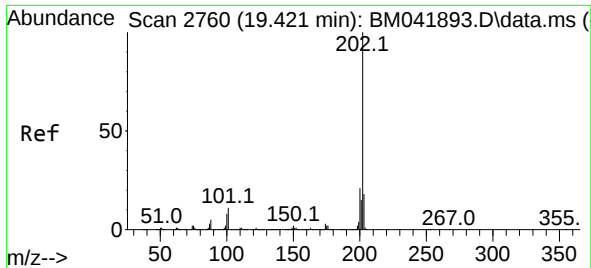
Reviewed By :Yogesh Patel 09/20/2023
 Supervised By :mohammad ahmed 09/21/2023



#74
 Di-n-butylphthalate
 Concen: 51.801 ng
 RT: 18.304 min Scan# 2570
 Delta R.T. 0.000 min
 Lab File: BM041908.D
 Acq: 19 Sep 2023 17:07

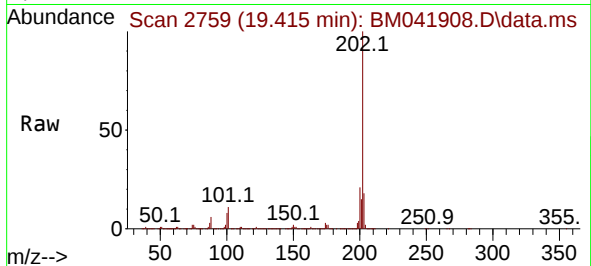
Tgt Ion:149 Resp: 5013242
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.2 4.2 6.4





#75
Fluoranthene
Concen: 51.203 ng
RT: 19.415 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

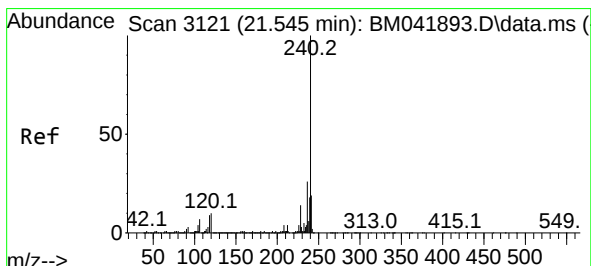
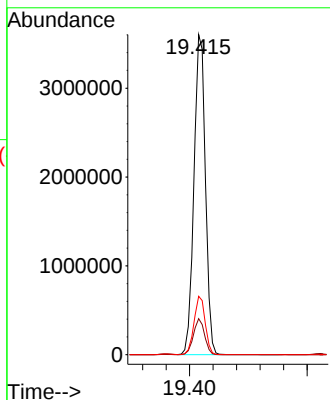
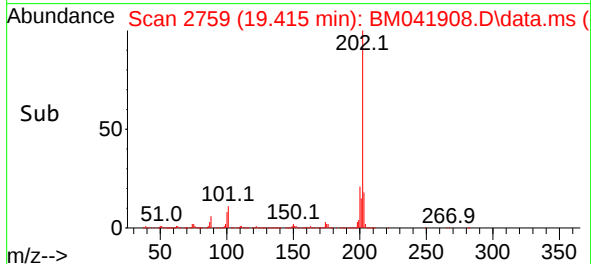
Instrument :
BNA_M
ClientSampleId :
PB155456BS



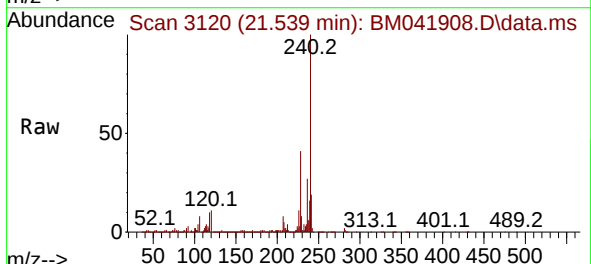
Tgt Ion:202 Resp: 4844598
Ion Ratio Lower Upper
202 100
101 11.3 0.0 30.5
203 18.3 0.0 37.6

Manual Integrations
APPROVED

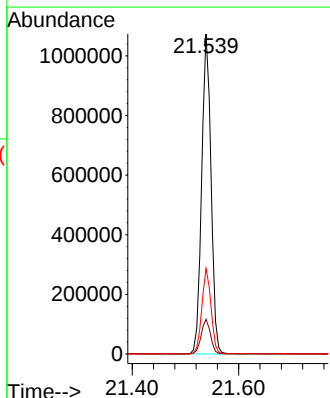
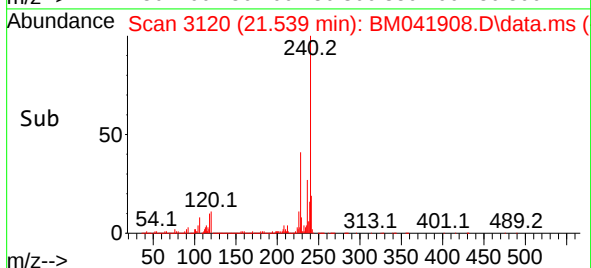
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023

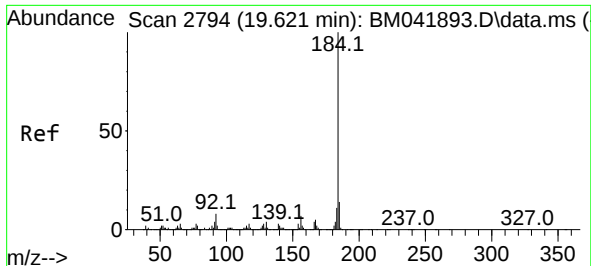


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.539 min Scan# 3120
Delta R.T. -0.006 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07



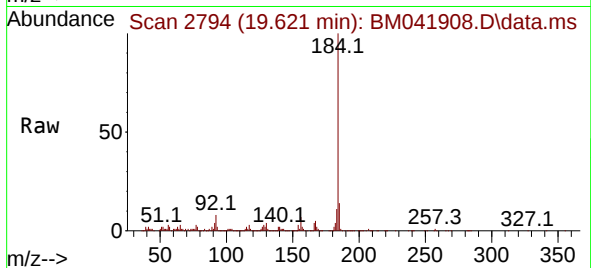
Tgt Ion:240 Resp: 1307135
Ion Ratio Lower Upper
240 100
120 10.8 8.1 12.1
236 26.6 20.7 31.1





#77
Benzidine
Concen: 64.072 ng
RT: 19.621 min Scan# 2794
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

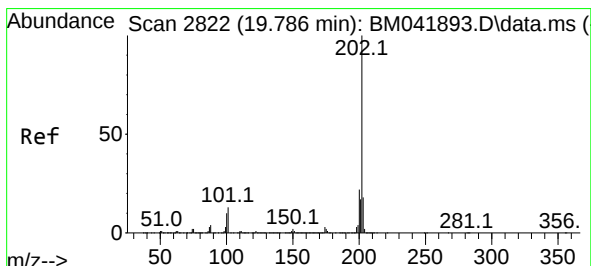
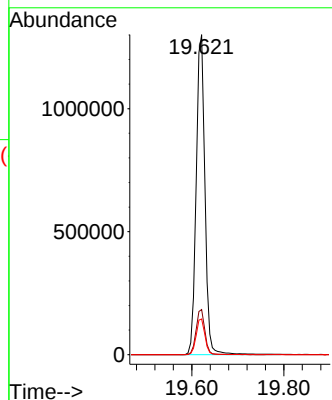
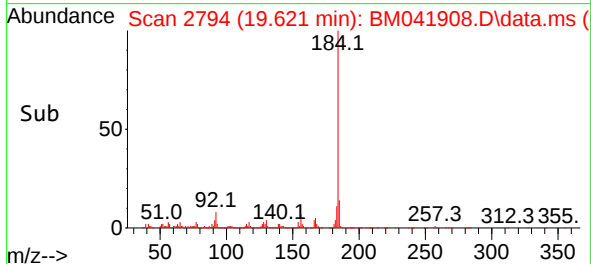
Instrument :
BNA_M
ClientSampleId :
PB155456BS



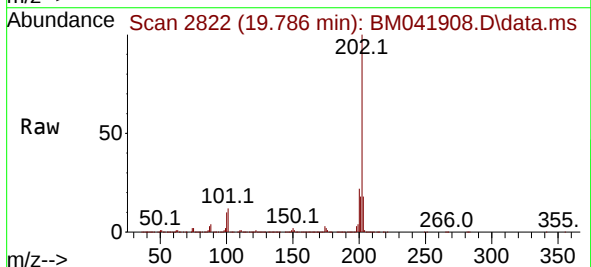
Tgt Ion:184 Resp: 1709519
Ion Ratio Lower Upper
184 100
185 14.1 11.2 16.8
183 11.1 9.1 13.7

Manual Integrations
APPROVED

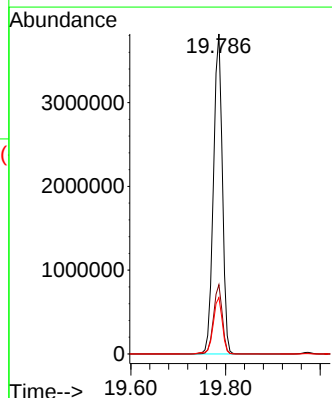
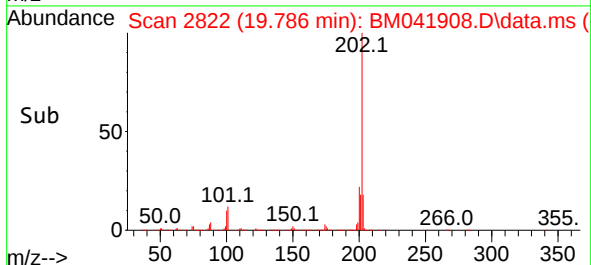
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023

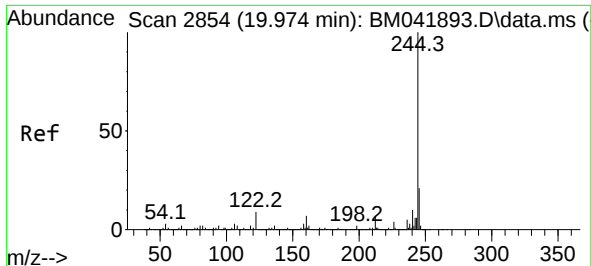


#78
Pyrene
Concen: 54.777 ng
RT: 19.786 min Scan# 2822
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07



Tgt Ion:202 Resp: 4982145
Ion Ratio Lower Upper
202 100
200 21.6 17.3 25.9
203 17.6 14.2 21.4





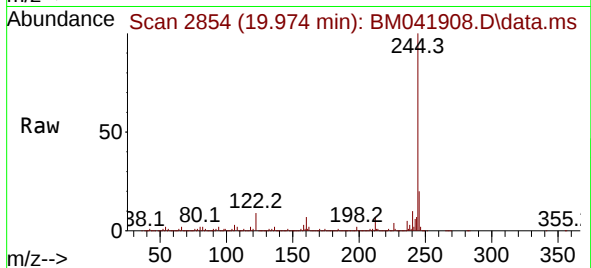
#79
 Terphenyl-d14
 Concen: 105.709 ng
 RT: 19.974 min Scan# 2854
 Delta R.T. 0.000 min
 Lab File: BM041908.D
 Acq: 19 Sep 2023 17:07

Instrument :

BNA_M

ClientSampleId :

PB155456BS

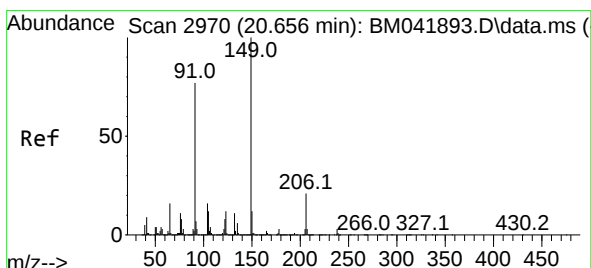
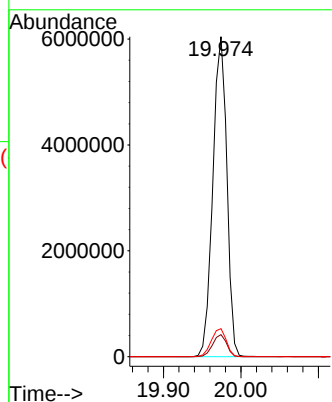
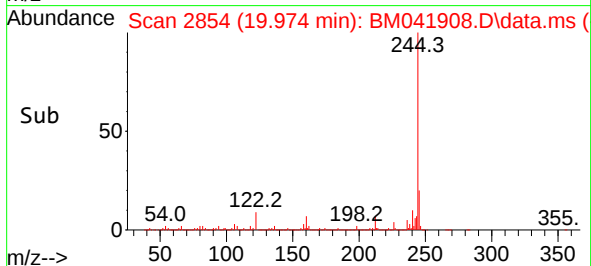


Tgt Ion:244 Resp: 758669
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 8.8 7.4 11.0

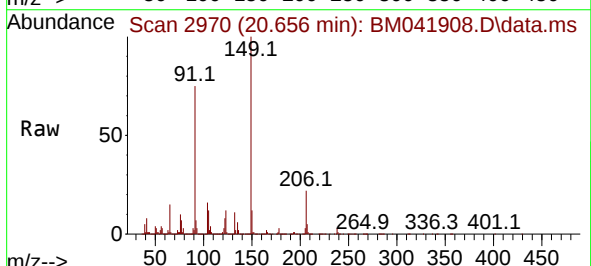
Manual Integrations

APPROVED

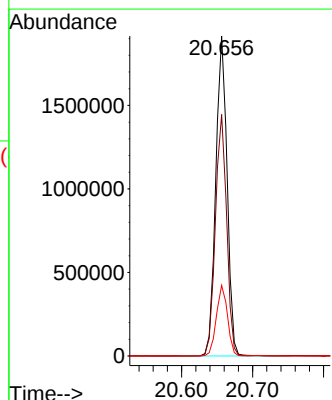
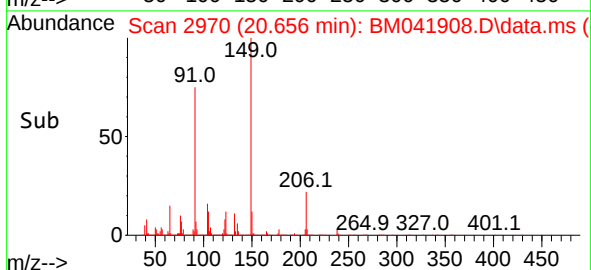
Reviewed By :Yogesh Patel 09/20/2023
 Supervised By :mohammad ahmed 09/21/2023

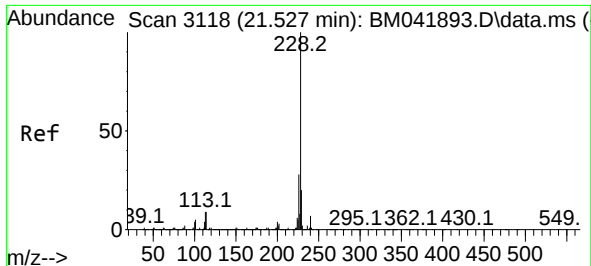


#80
 Butylbenzylphthalate
 Concen: 52.284 ng
 RT: 20.656 min Scan# 2970
 Delta R.T. 0.000 min
 Lab File: BM041908.D
 Acq: 19 Sep 2023 17:07



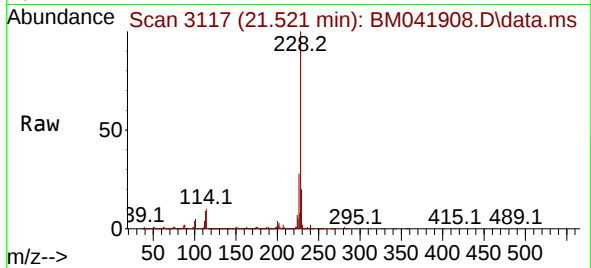
Tgt Ion:149 Resp: 2115018
 Ion Ratio Lower Upper
 149 100
 91 75.4 61.7 92.5
 206 22.1 16.9 25.3





#81
Benzo(a)anthracene
Concen: 53.121 ng
RT: 21.521 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

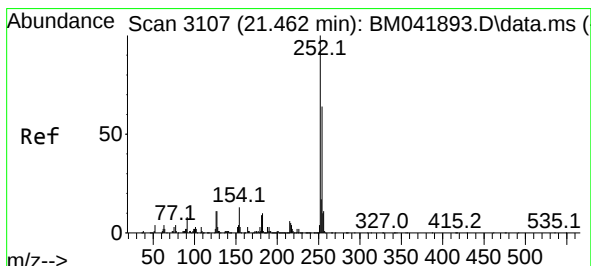
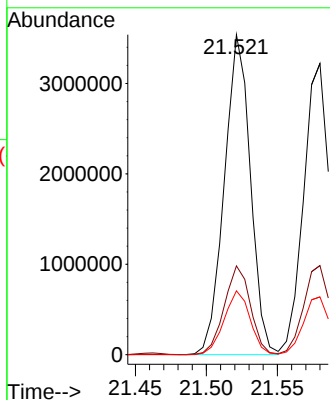
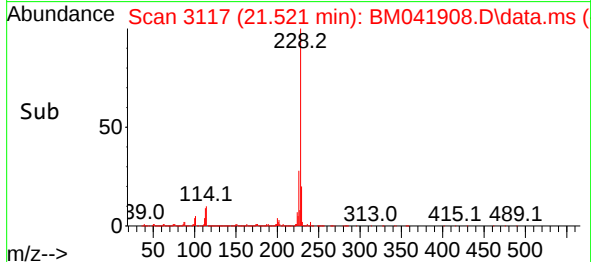
Instrument :
BNA_M
ClientSampleId :
PB155456BS



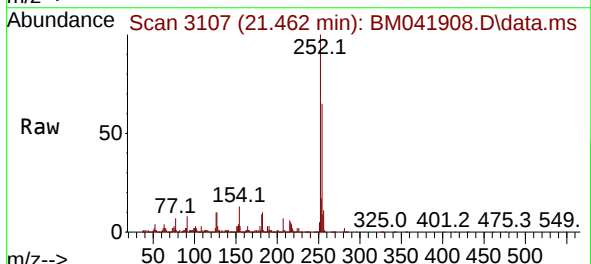
Tgt Ion:228 Resp: 452864
Ion Ratio Lower Upper
228 100
226 27.8 22.2 33.4
229 19.9 16.1 24.1

Manual Integrations
APPROVED

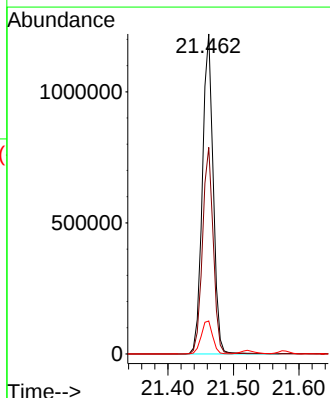
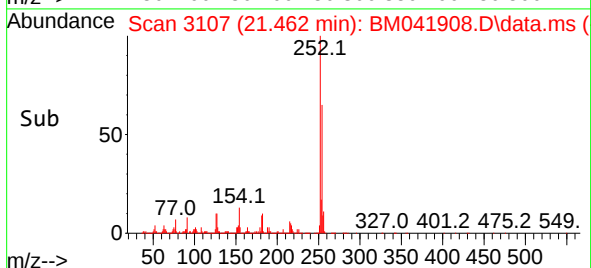
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023

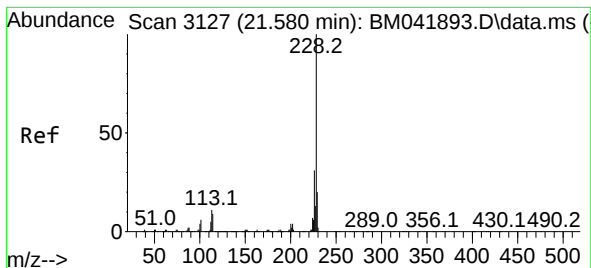


#82
3,3'-Dichlorobenzidine
Concen: 46.736 ng
RT: 21.462 min Scan# 3107
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07



Tgt Ion:252 Resp: 1403161
Ion Ratio Lower Upper
252 100
254 64.5 51.3 76.9
126 10.3 8.6 13.0





#83

Chrysene

Concen: 51.273 ng

RT: 21.580 min Scan# 3127

Delta R.T. 0.000 min

Lab File: BM041908.D

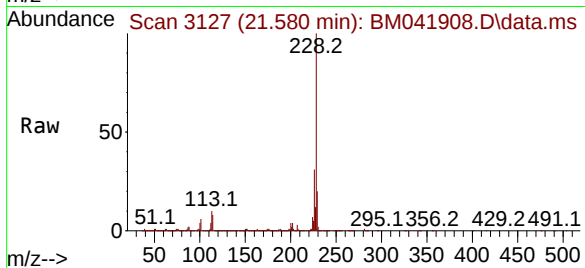
Acq: 19 Sep 2023 17:07

Instrument :

BNA_M

ClientSampleId :

PB155456BS



Tgt Ion:228 Resp: 4097092

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

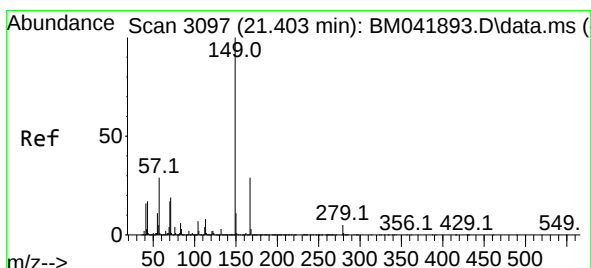
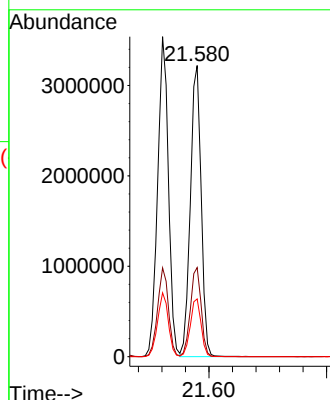
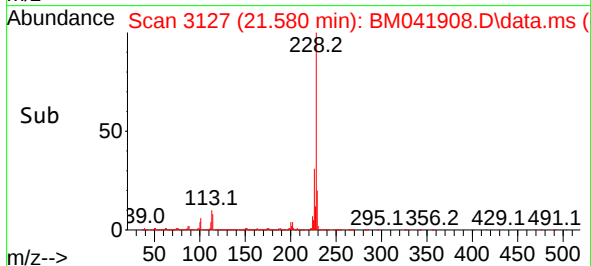
229 19.8 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/21/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.419 ng

RT: 21.403 min Scan# 3097

Delta R.T. 0.000 min

Lab File: BM041908.D

Acq: 19 Sep 2023 17:07

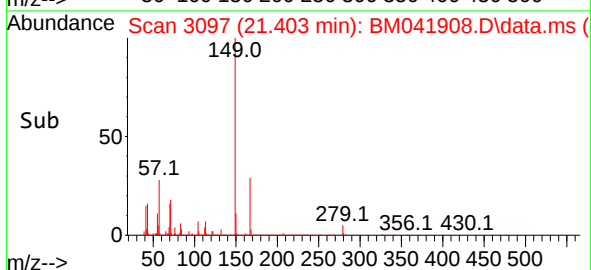
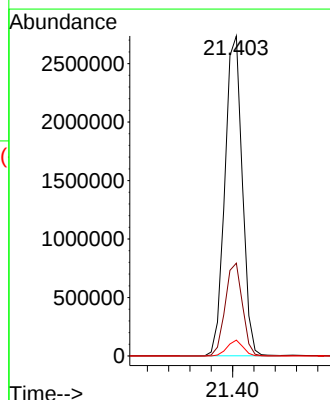
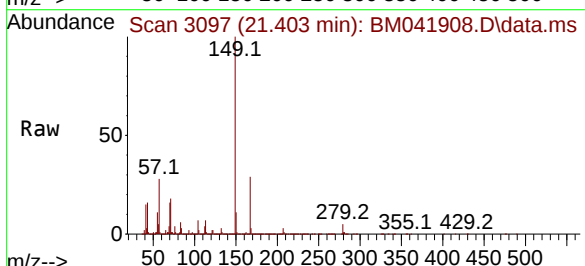
Tgt Ion:149 Resp: 3085736

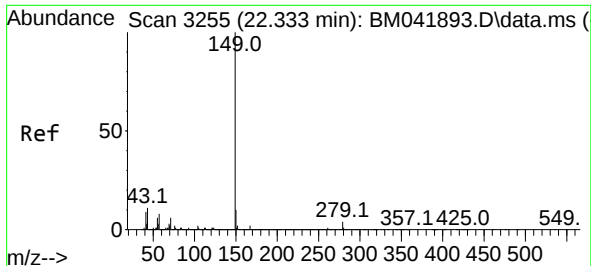
Ion Ratio Lower Upper

149 100

167 29.0 23.0 34.6

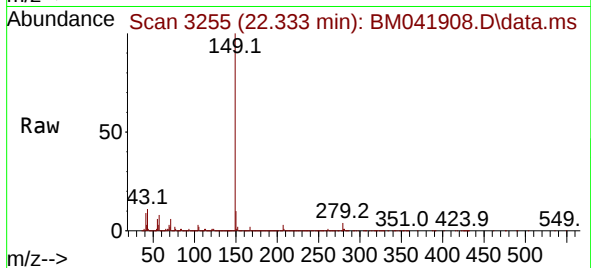
279 5.0 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 51.737 ng
RT: 22.333 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

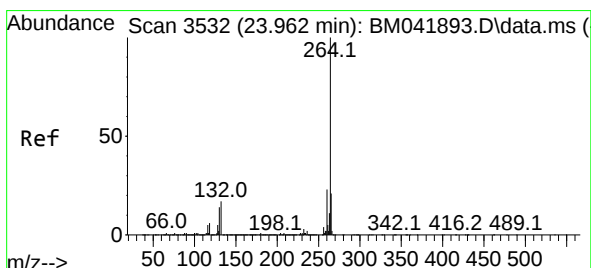
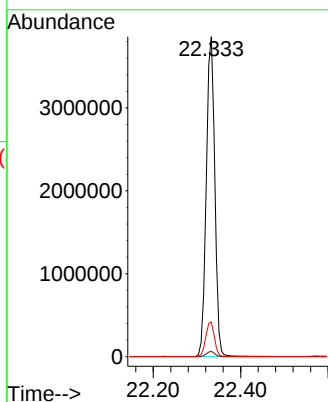
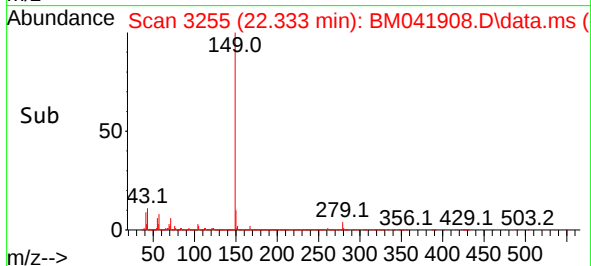
Instrument :
BNA_M
ClientSampleId :
PB155456BS



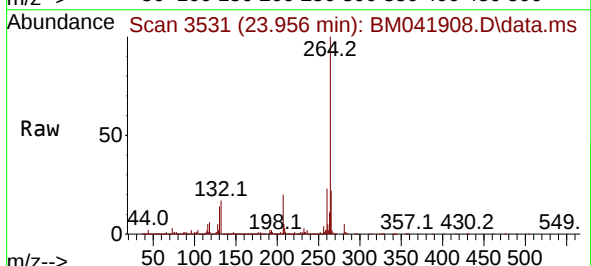
Tgt Ion:149 Resp: 5226339
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.0 8.7 13.1

Manual Integrations
APPROVED

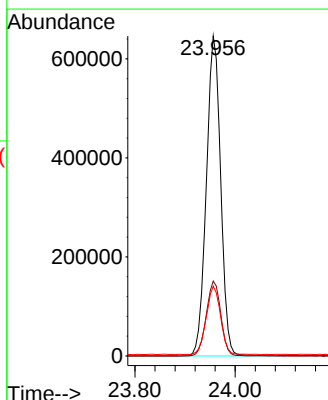
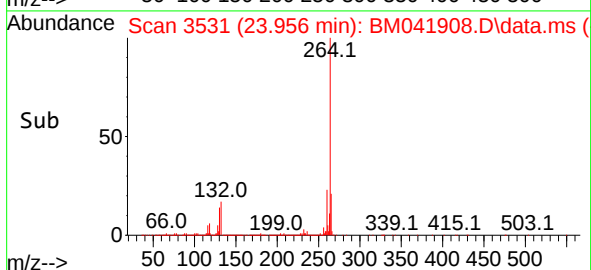
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023

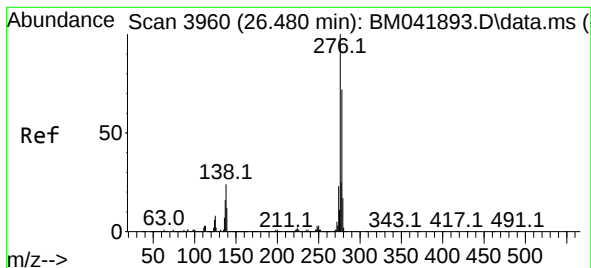


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.956 min Scan# 3531
Delta R.T. -0.006 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07



Tgt Ion:264 Resp: 1280765
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 21.8 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 56.951 ng

RT: 26.480 min Scan# 3960

Delta R.T. 0.000 min

Lab File: BM041908.D

Acq: 19 Sep 2023 17:07

Instrument :

BNA_M

ClientSampleId :

PB155456BS

Tgt Ion:276 Resp: 435508

Ion Ratio Lower Upper

276 100

138 24.8 19.8 29.8

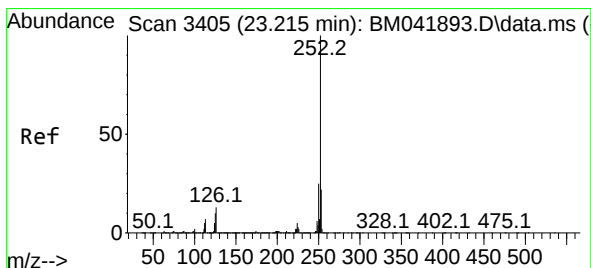
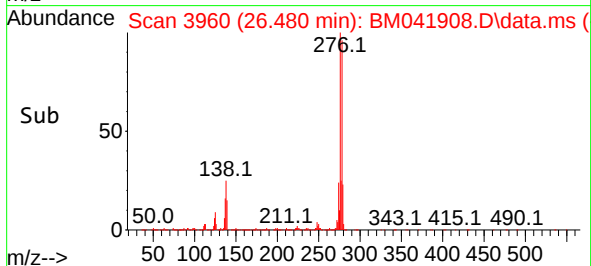
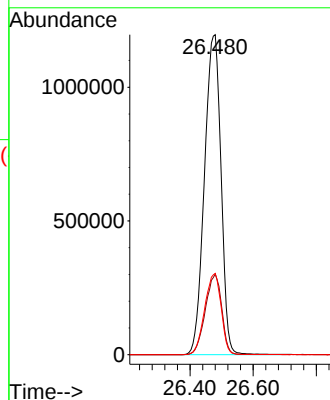
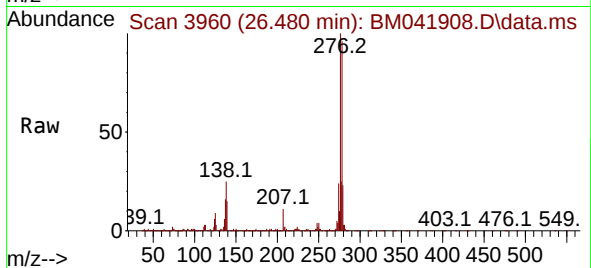
277 25.3 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/21/2023



#88

Benzo(b)fluoranthene

Concen: 57.241 ng

RT: 23.215 min Scan# 3405

Delta R.T. 0.000 min

Lab File: BM041908.D

Acq: 19 Sep 2023 17:07

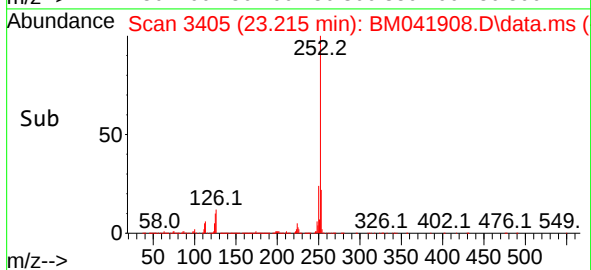
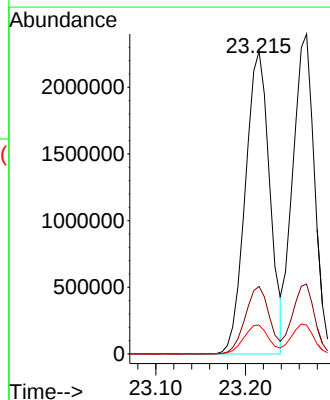
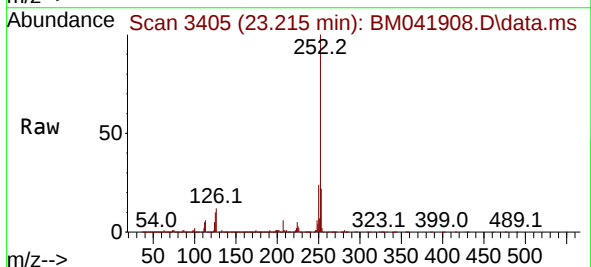
Tgt Ion:252 Resp: 4280196

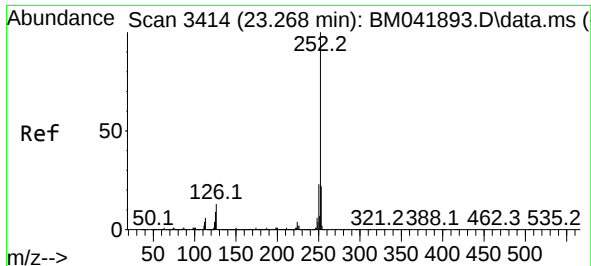
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

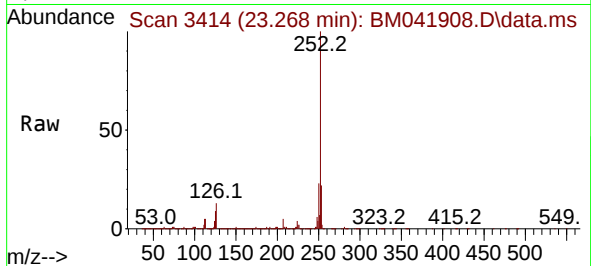
125 9.5 7.8 11.6





#89
Benzo(k)fluoranthene
Concen: 54.735 ng
RT: 23.268 min Scan# 3414
Delta R.T. 0.000 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

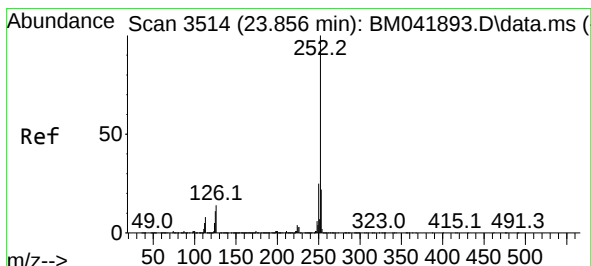
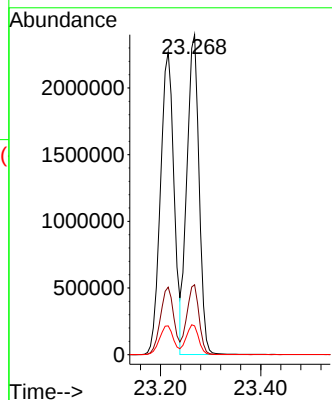
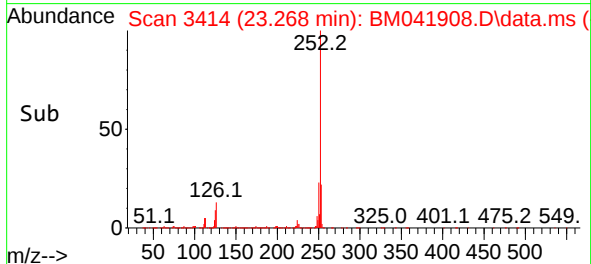
Instrument :
BNA_M
ClientSampleId :
PB155456BS



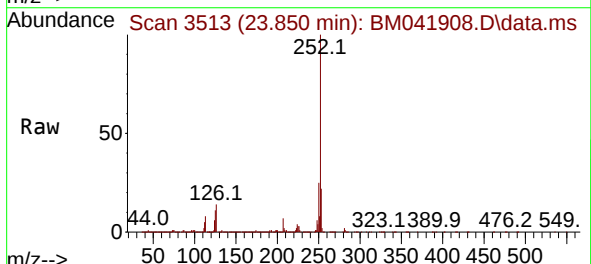
Tgt Ion:252 Resp: 404441
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 9.0 7.7 11.5

Manual Integrations
APPROVED

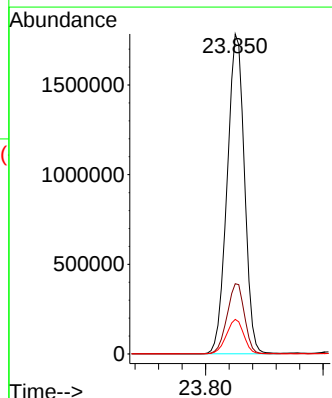
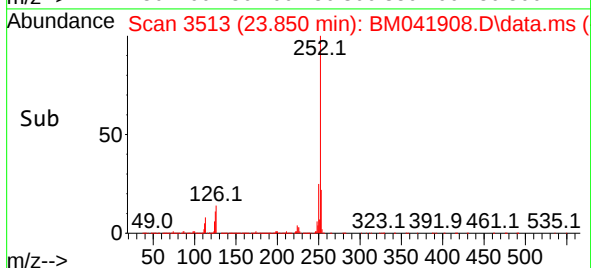
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023

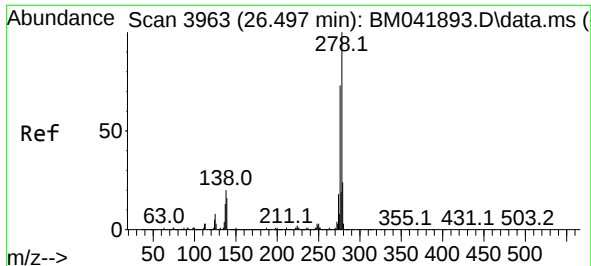


#90
Benzo(a)pyrene
Concen: 51.858 ng
RT: 23.850 min Scan# 3513
Delta R.T. -0.006 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07



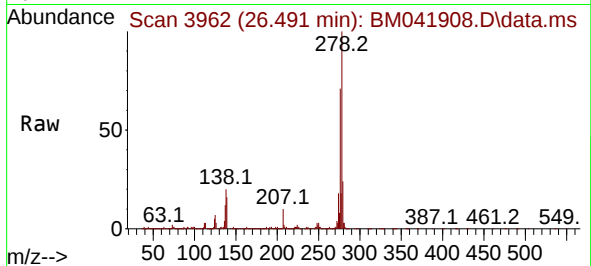
Tgt Ion:252 Resp: 3638570
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.8 8.6 12.8





#91
Dibenzo(a,h)anthracene
Concen: 57.450 ng
RT: 26.491 min Scan# 3963
Delta R.T. -0.006 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07

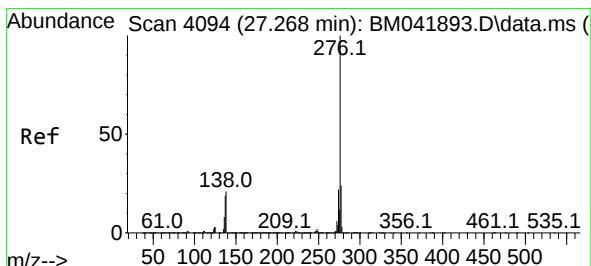
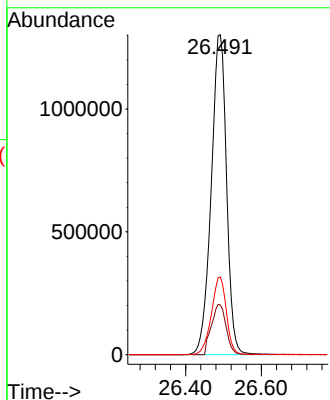
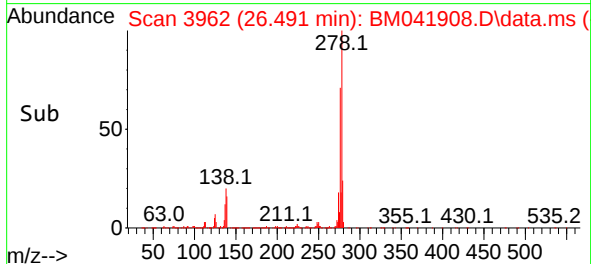
Instrument :
BNA_M
ClientSampleId :
PB155456BS



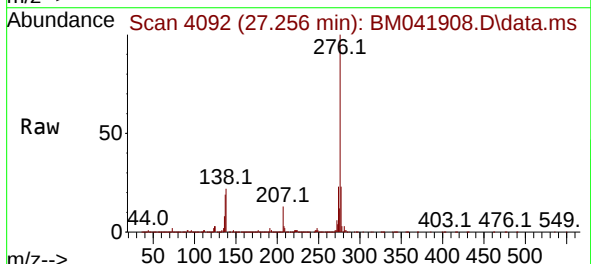
Tgt Ion:278 Resp: 3662489
Ion Ratio Lower Upper
278 100
139 15.6 12.8 19.2
279 24.2 19.2 28.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023



#92
Benzo(g,h,i)perylene
Concen: 57.187 ng
RT: 27.256 min Scan# 4092
Delta R.T. -0.012 min
Lab File: BM041908.D
Acq: 19 Sep 2023 17:07



Tgt Ion:276 Resp: 3483412
Ion Ratio Lower Upper
276 100
277 23.1 19.4 29.2
138 21.9 17.0 25.4

