

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032524\
 Data File : BM044753.D
 Acq On : 25 Mar 2024 13:27
 Operator : MA/JU
 Sample : PB159758BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB159758BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/26/2024
 Supervised By :mohammad ahmed 03/27/2024

Quant Time: Mar 25 13:59:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 02:28:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	229875	20.000	ng	-0.02
21) Naphthalene-d8	10.463	136	889874	20.000	ng	-0.02
39) Acenaphthene-d10	14.333	164	441691	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	751408	20.000	ng	-0.02
76) Chrysene-d12	21.286	240	485430	20.000	ng	-0.02
86) Perylene-d12	23.521	264	545426	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	2204799	137.710	ng	0.00
7) Phenol-d6	6.875	99	2664736	129.371	ng	0.00
23) Nitrobenzene-d5	8.851	82	1628044	88.138	ng	-0.01
42) 2,4,6-Tribromophenol	15.833	330	654879	134.425	ng	-0.01
45) 2-Fluorobiphenyl	12.951	172	2919242	91.024	ng	-0.02
79) Terphenyl-d14	19.727	244	2806336	101.132	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.287	88	219805	32.662	ng	95
3) Pyridine	3.663	79	557109	29.936	ng	93
4) n-Nitrosodimethylamine	3.587	42	387313	51.932	ng	82
6) Aniline	7.028	93	467334	19.157	ng	98
8) 2-Chlorophenol	7.251	128	773970	48.534	ng	100
9) Benzaldehyde	6.845	77	109190m	10.122	ng	
10) Phenol	6.898	94	954777	46.414	ng	93
11) bis(2-Chloroethyl)ether	7.128	93	751490	44.743	ng	100
12) 1,3-Dichlorobenzene	7.569	146	802919	46.826	ng	98
13) 1,4-Dichlorobenzene	7.722	146	817462	47.302	ng	99
14) 1,2-Dichlorobenzene	8.028	146	781714	47.432	ng	99
15) Benzyl Alcohol	7.934	79	647436	47.810	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.204	45	1096464m	47.086	ng	
17) 2-Methylphenol	8.134	107	612470	43.657	ng	98
18) Hexachloroethane	8.739	117	312523	48.917	ng	98
19) n-Nitroso-di-n-propyla...	8.498	70	544282	43.269	ng	94
20) 3+4-Methylphenols	8.463	107	817878	43.200	ng	98
22) Acetophenone	8.516	105	1072969	45.895	ng	# 96
24) Nitrobenzene	8.892	77	817926	44.795	ng	99
25) Isophorone	9.410	82	1453471	45.606	ng	99
26) 2-Nitrophenol	9.592	139	399687	50.728	ng	96
27) 2,4-Dimethylphenol	9.651	122	530919	38.317	ng	97
28) bis(2-Chloroethoxy)met...	9.898	93	905842	42.802	ng	100
29) 2,4-Dichlorophenol	10.116	162	635930	48.155	ng	99
30) 1,2,4-Trichlorobenzene	10.328	180	670509	47.727	ng	100
31) Naphthalene	10.516	128	2145808	43.938	ng	100
32) Benzoic acid	9.822	122	451611	41.380	ng	97
33) 4-Chloroaniline	10.639	127	286114	13.965	ng	99
34) Hexachlorobutadiene	10.780	225	384721	49.115	ng	99
35) Caprolactam	11.457	113	179015m	42.024	ng	
36) 4-Chloro-3-methylphenol	11.769	107	636840	43.947	ng	100
37) 2-Methylnaphthalene	12.133	142	1353266	40.826	ng	98
38) 1-Methylnaphthalene	12.351	142	1287580	41.679	ng	100
40) 1,2,4,5-Tetrachloroben...	12.504	216	650260	51.879	ng	98
41) Hexachlorocyclopentadiene	12.469	237	682918	95.639	ng	100
43) 2,4,6-Trichlorophenol	12.751	196	440237	52.015	ng	98

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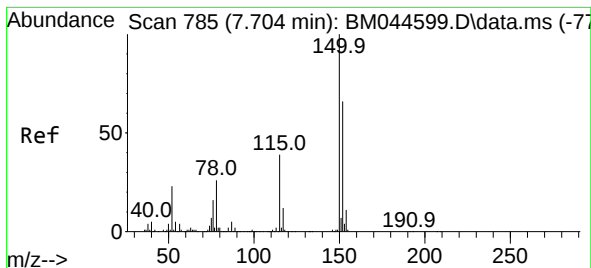
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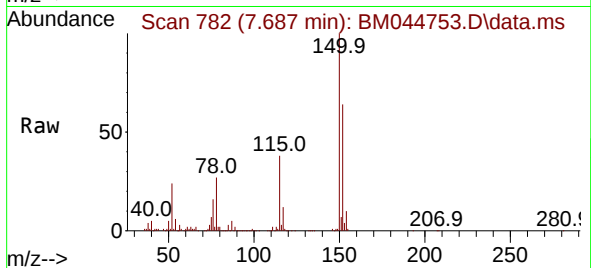
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.833	196	452639	45.135	ng	# 98
46) 1,1'-Biphenyl	13.163	154	1646810	47.671	ng	99
47) 2-Chloronaphthalene	13.198	162	1267541	49.619	ng	99
48) 2-Nitroaniline	13.421	65	403821	46.590	ng	98
49) Acenaphthylene	14.051	152	2038257	48.980	ng	100
50) Dimethylphthalate	13.804	163	1448271	43.837	ng	99
51) 2,6-Dinitrotoluene	13.927	165	316007	45.933	ng	97
52) Acenaphthene	14.398	154	1140147	45.323	ng	99
53) 3-Nitroaniline	14.257	138	243305	30.202	ng	99
54) 2,4-Dinitrophenol	14.468	184	360826	80.154	ng	94
55) Dibenzofuran	14.733	168	1756928	44.006	ng	97
56) 4-Nitrophenol	14.574	139	547988	82.824	ng	93
57) 2,4-Dinitrotoluene	14.721	165	407179	45.295	ng	# 91
58) Fluorene	15.386	166	1363877	43.867	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.963	232	351450	45.138	ng	99
60) Diethylphthalate	15.174	149	1426935	42.666	ng	99
61) 4-Chlorophenyl-phenyle...	15.386	204	648156	43.425	ng	99
62) 4-Nitroaniline	15.427	138	311652m	38.728	ng	
63) Azobenzene	15.680	77	1491533	43.144	ng	96
65) 4,6-Dinitro-2-methylph...	15.480	198	217934	46.248	ng	99
66) n-Nitrosodiphenylamine	15.610	169	1116123	47.660	ng	99
67) 4-Bromophenyl-phenylether	16.280	248	378711	48.726	ng	95
68) Hexachlorobenzene	16.380	284	433812	52.508	ng	98
69) Atrazine	16.568	200	284147	38.830	ng	99
70) Pentachlorophenol	16.733	266	548801	92.346	ng	99
71) Phenanthrene	17.133	178	1886946	45.442	ng	100
72) Anthracene	17.221	178	1874247	45.003	ng	99
73) Carbazole	17.498	167	1693539	43.176	ng	99
74) Di-n-butylphthalate	18.068	149	2211585	43.757	ng	99
75) Fluoranthene	19.150	202	1869594	40.277	ng	98
77) Benzidine	19.350	184	365363	29.122	ng	100
78) Pyrene	19.515	202	1896424	53.303	ng	100
80) Butylbenzylphthalate	20.433	149	835680	52.118	ng	97
81) Benzo(a)anthracene	21.268	228	1593744	47.185	ng	100
82) 3,3'-Dichlorobenzidine	21.209	252	505413	43.447	ng	99
83) Chrysene	21.321	228	1482081	45.920	ng	99
84) Bis(2-ethylhexyl)phtha...	21.215	149	1154858	47.807	ng	99
85) Di-n-octyl phthalate	22.103	149	1903213	45.421	ng	99
87) Indeno(1,2,3-cd)pyrene	25.791	276	2278046	57.775	ng	97
88) Benzo(b)fluoranthene	22.856	252	1591036	49.637	ng	99
89) Benzo(k)fluoranthene	22.897	252	1602180	48.622	ng	99
90) Benzo(a)pyrene	23.427	252	1534264	49.075	ng	99
91) Dibenzo(a,h)anthracene	25.809	278	1900448	57.172	ng	98
92) Benzo(g,h,i)perylene	26.485	276	1901007	58.096	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.687 min Scan# 71
Delta R.T. -0.017 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

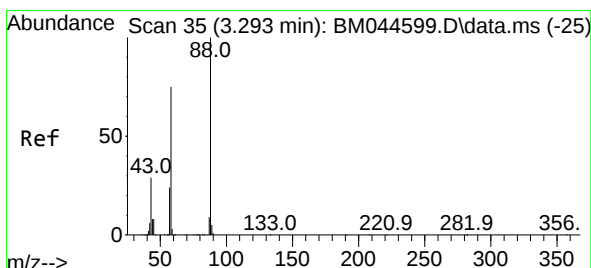
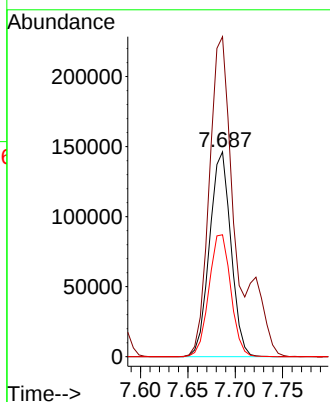
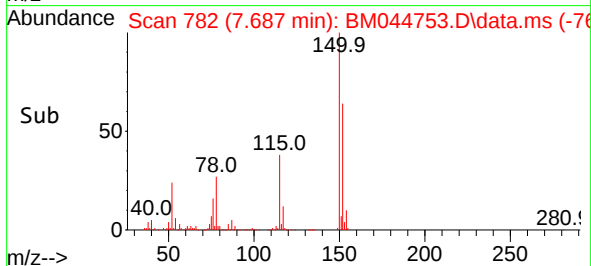
Instrument :
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Tgt Ion:152 Resp: 229875
Ion Ratio Lower Upper
152 100
150 156.2 121.9 182.9
115 59.5 47.1 70.7

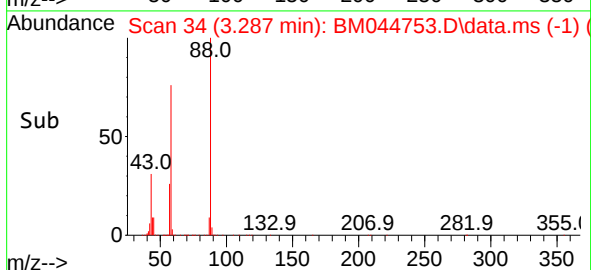
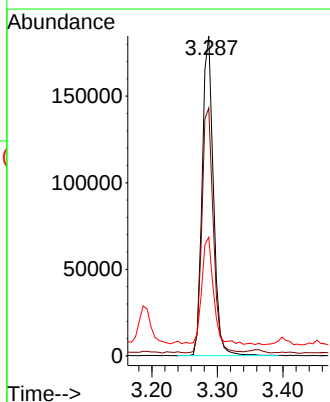
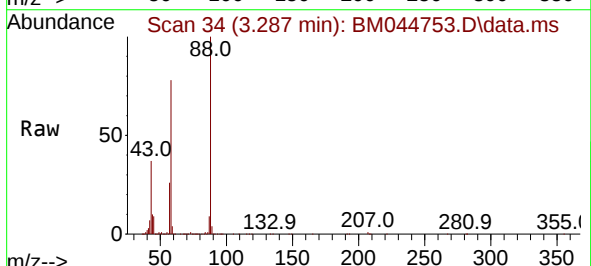
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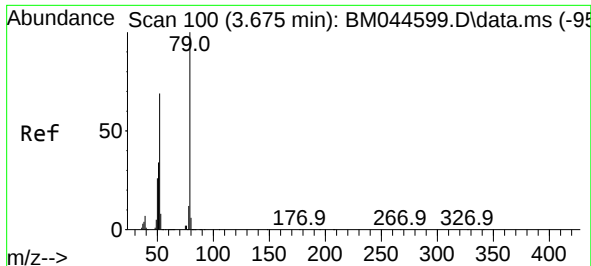
Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024



#2
1,4-Dioxane
Concen: 32.662 ng
RT: 3.287 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

Tgt Ion: 88 Resp: 219805
Ion Ratio Lower Upper
88 100
58 78.0 60.2 90.2
43 33.8 23.5 35.3





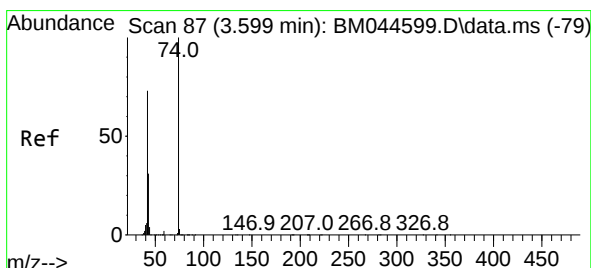
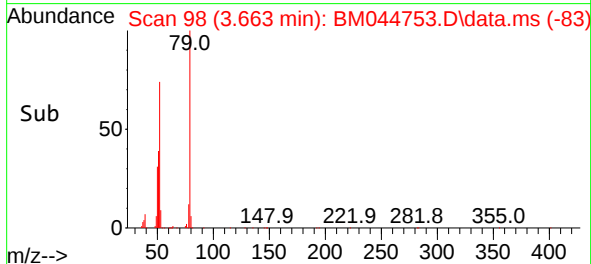
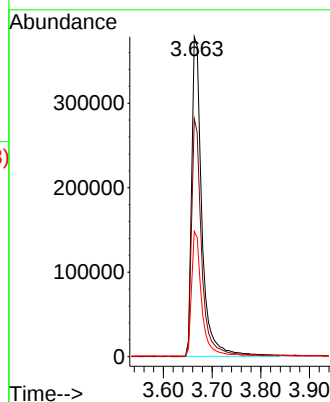
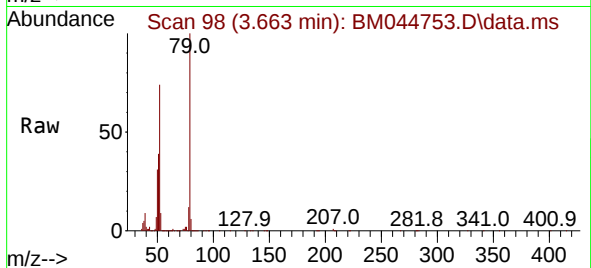
#3
Pyridine
Concen: 29.936 ng
RT: 3.663 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

Instrument :
BNA_M
ClientSampleId :
PB159758BS

Tgt Ion: 79 Resp: 557109
Ion Ratio Lower Upper
79 100
52 74.3 55.5 83.3
51 39.2 27.7 41.5

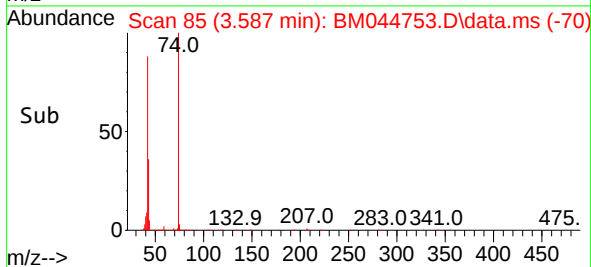
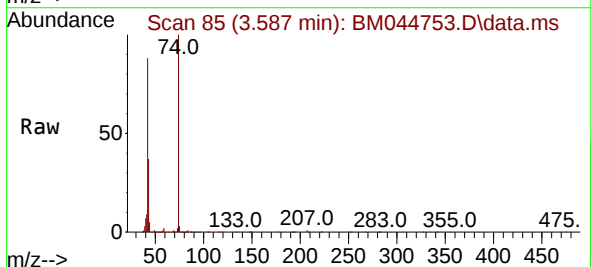
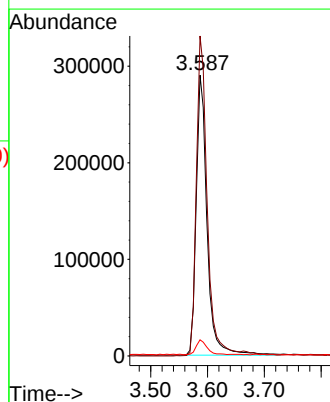
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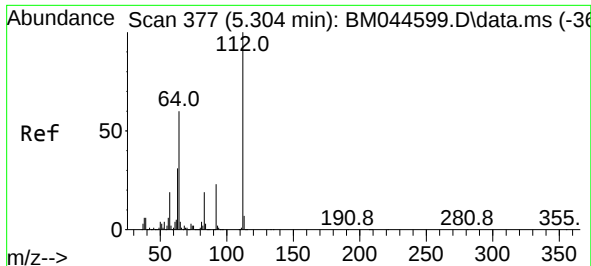
Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024



#4
n-Nitrosodimethylamine
Concen: 51.932 ng
RT: 3.587 min Scan# 85
Delta R.T. -0.012 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

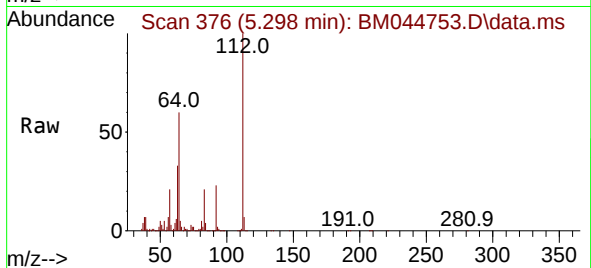
Tgt Ion: 42 Resp: 387313
Ion Ratio Lower Upper
42 100
74 113.9 109.7 164.5
44 5.7 5.4 8.0





#5
2-Fluorophenol
Concen: 137.710 ng
RT: 5.298 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

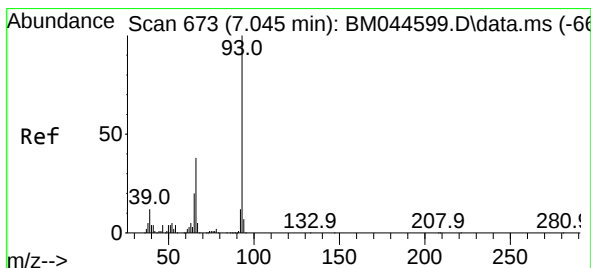
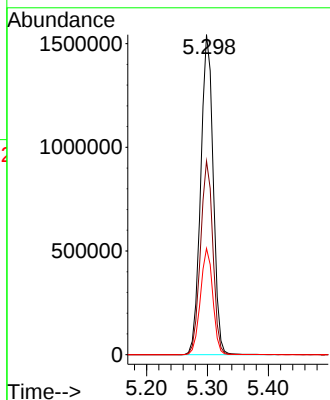
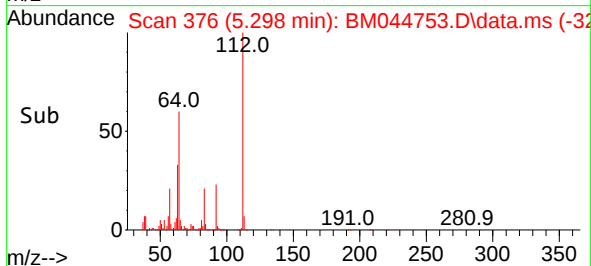
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Tgt Ion:112 Resp: 2204799
Ion Ratio Lower Upper
112 100
64 60.5 47.9 71.9
63 33.2 25.0 37.4

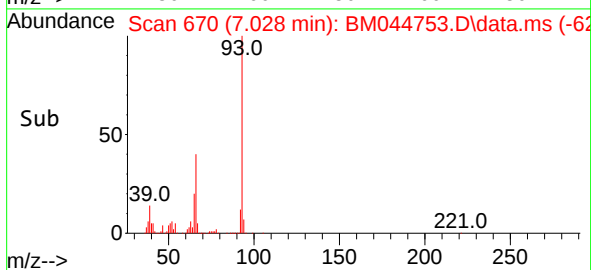
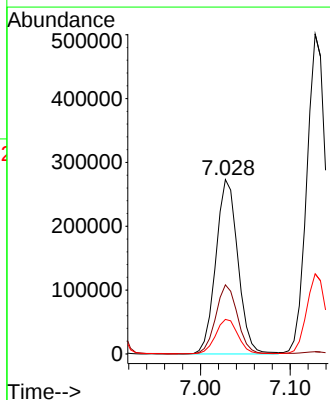
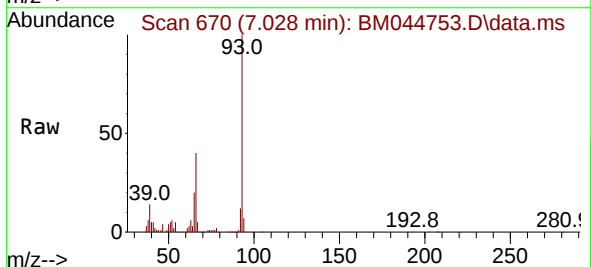
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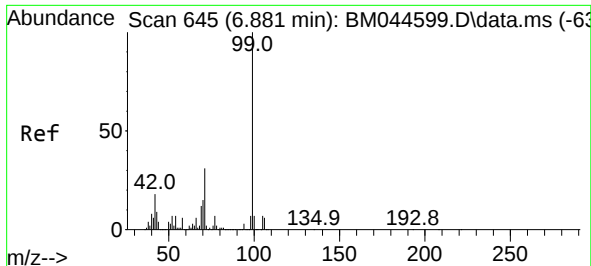
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#6
Aniline
Concen: 19.157 ng
RT: 7.028 min Scan# 670
Delta R.T. -0.018 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

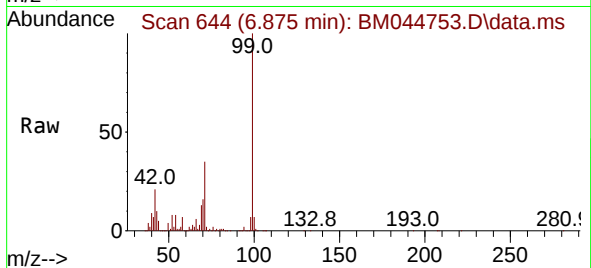
Tgt Ion: 93 Resp: 467334
Ion Ratio Lower Upper
93 100
66 39.6 30.3 45.5
65 19.9 15.7 23.5





#7
Phenol-d6
Concen: 129.371 ng
RT: 6.875 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

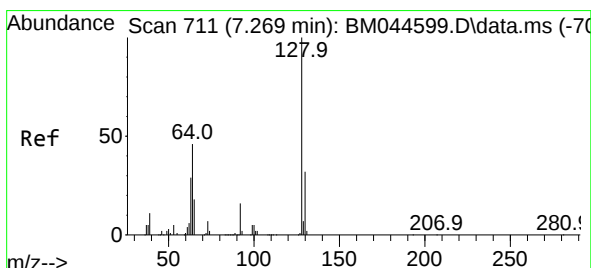
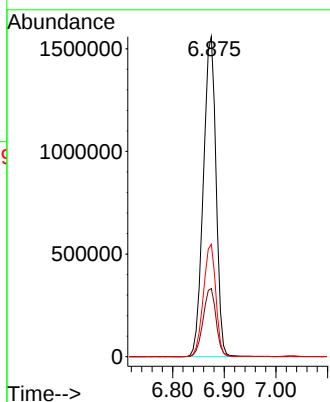
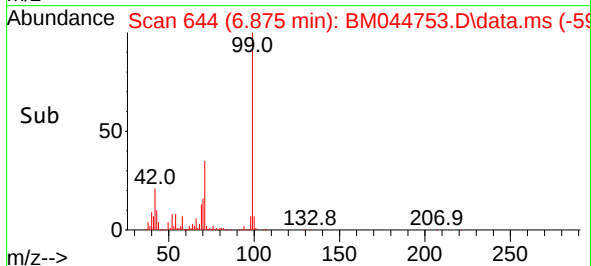
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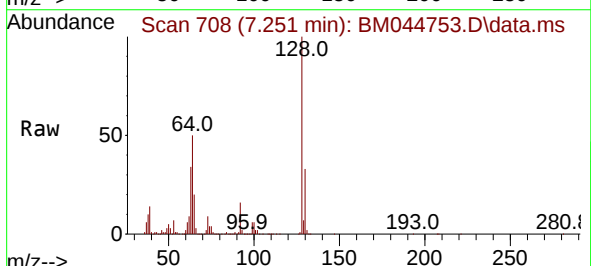
Tgt Ion: 99 Resp: 2664730
Ion Ratio Lower Upper
99 100
42 21.3 14.3 21.5
71 35.1 24.5 36.7

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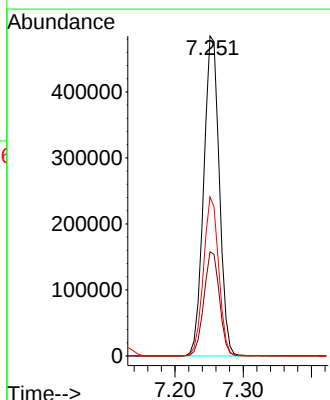
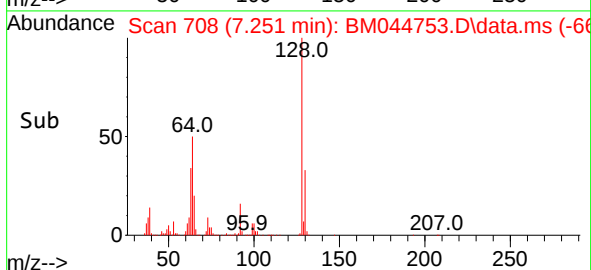
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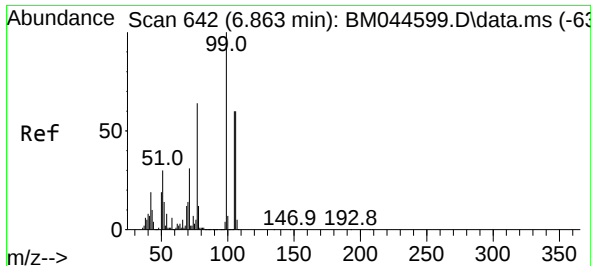


#8
2-Chlorophenol
Concen: 48.534 ng
RT: 7.251 min Scan# 708
Delta R.T. -0.018 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27



Tgt Ion:128 Resp: 773970
Ion Ratio Lower Upper
128 100
130 32.5 12.4 52.4
64 49.7 29.4 69.4





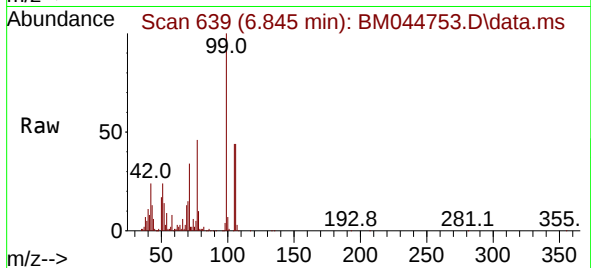
#9
Benzaldehyde
Concen: 10.122 ng m
RT: 6.845 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

Instrument :

BNA_M

ClientSampleId :

PB159758BS

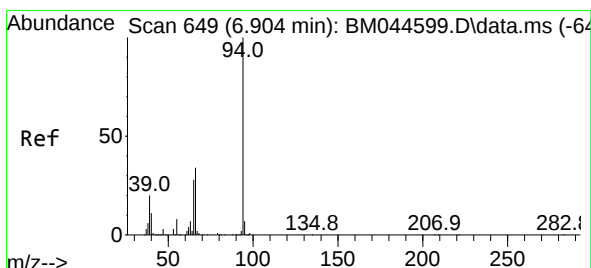
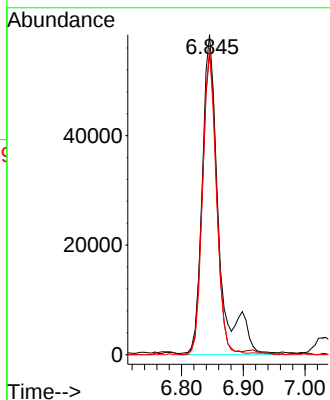
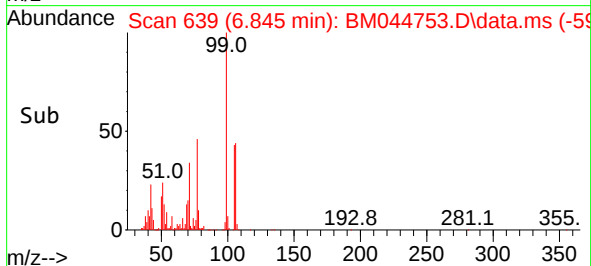


Tgt Ion: 77 Resp: 109190
Ion Ratio Lower Upper
77 100
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106 95.8 74.1 114.1

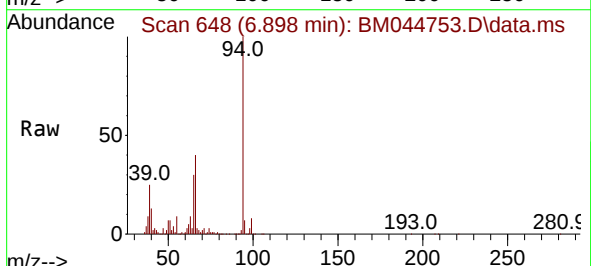
Manual Integrations

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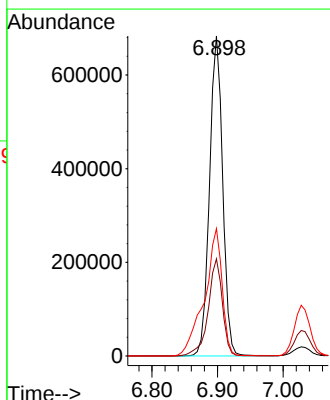
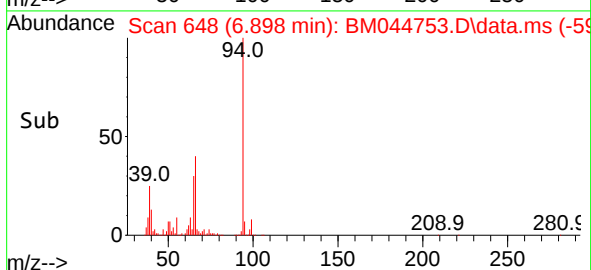
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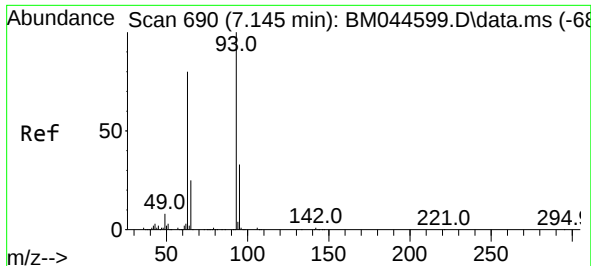


#10
Phenol
Concen: 46.414 ng
RT: 6.898 min Scan# 648
Delta R.T. -0.006 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27



Tgt Ion: 94 Resp: 954777
Ion Ratio Lower Upper
94 100
65 30.4 7.9 47.9
66 39.8 14.7 54.7





#11
bis(2-Chloroethyl)ether
Concen: 44.743 ng
RT: 7.128 min Scan# 687
Delta R.T. -0.018 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

Instrument :

BNA_M

ClientSampleId :

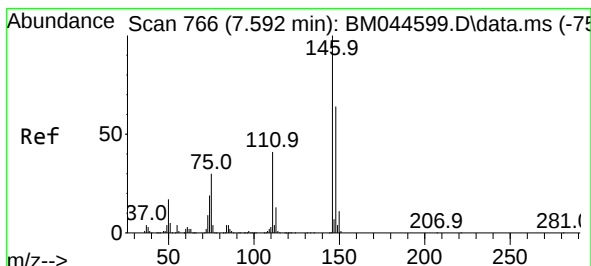
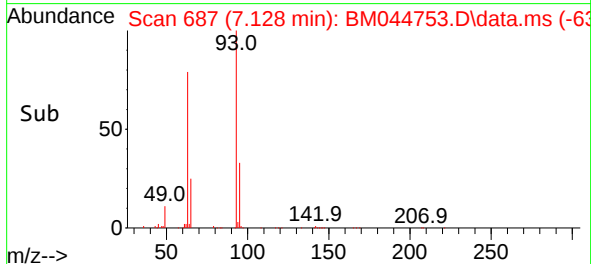
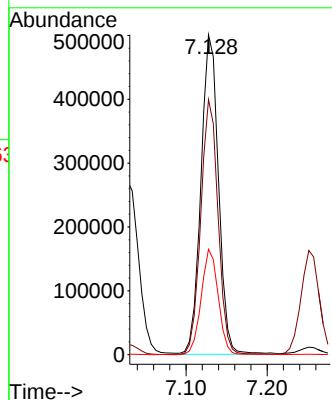
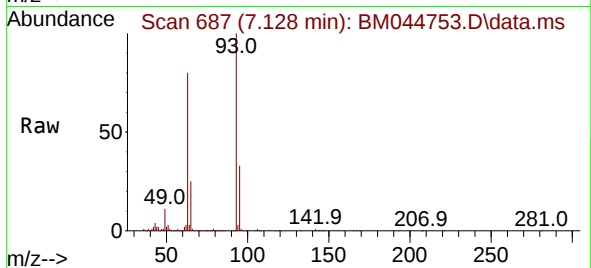
PB159758BS

Tgt Ion: 93 Resp: 751490
Ion Ratio Lower Upper
93 100
63 79.8 59.8 99.8
95 32.9 12.5 52.5

Manual Integrations

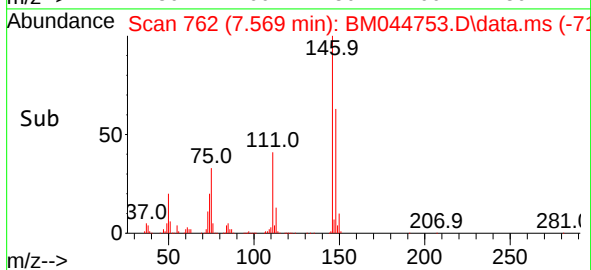
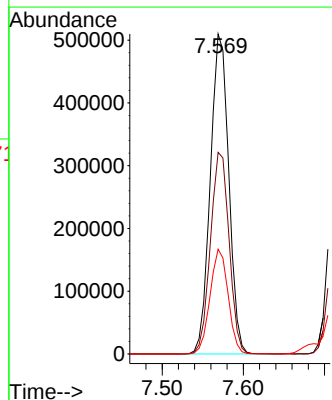
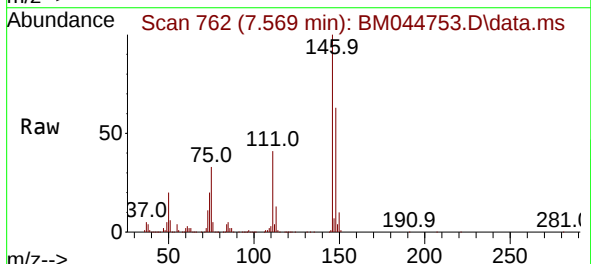
APPROVED

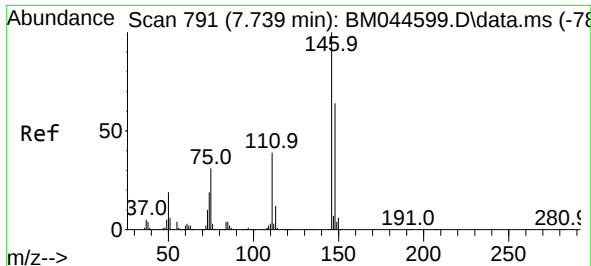
Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024



#12
1,3-Dichlorobenzene
Concen: 46.826 ng
RT: 7.569 min Scan# 762
Delta R.T. -0.024 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

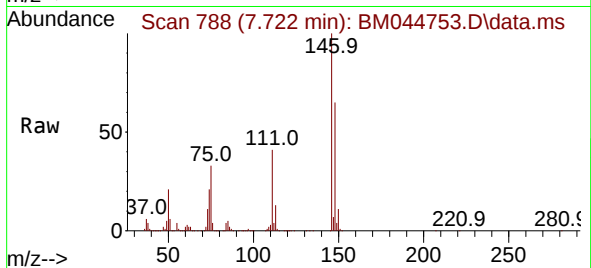
Tgt Ion:146 Resp: 802919
Ion Ratio Lower Upper
146 100
148 63.0 50.9 76.3
75 32.8 24.1 36.1





#13
1,4-Dichlorobenzene
Concen: 47.302 ng
RT: 7.722 min Scan# 791
Delta R.T. -0.018 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

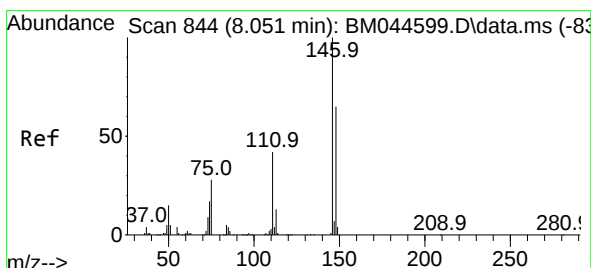
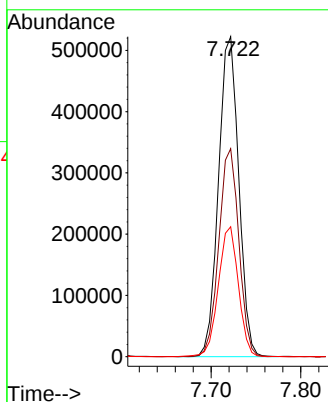
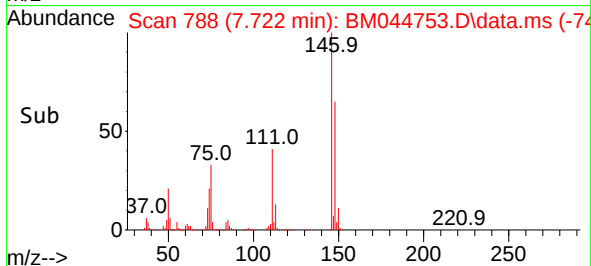
Instrument :
BNA_M
ClientSampleId :
PB159758BS



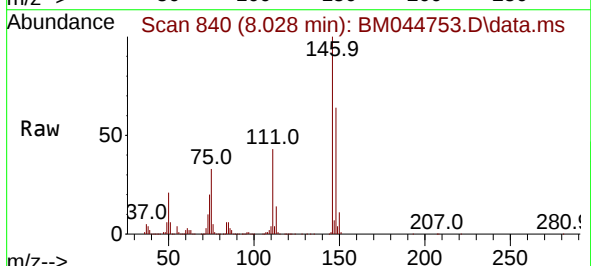
Tgt Ion:146 Resp: 817462
Ion Ratio Lower Upper
146 100
148 65.0 51.5 77.3
111 40.6 31.4 47.2

Manual Integrations
APPROVED

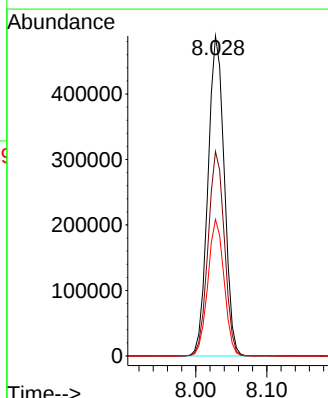
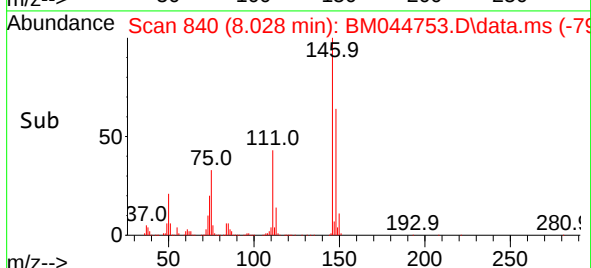
Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024

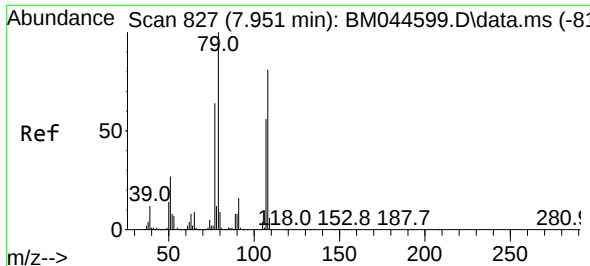


#14
1,2-Dichlorobenzene
Concen: 47.432 ng
RT: 8.028 min Scan# 840
Delta R.T. -0.024 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27



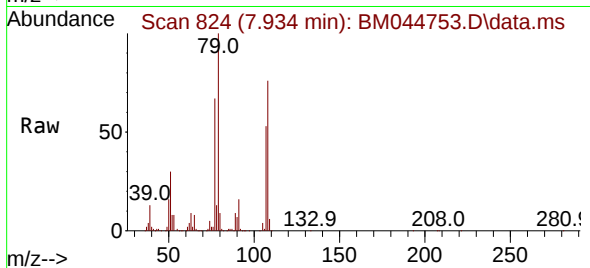
Tgt Ion:146 Resp: 781714
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.8
111 42.7 33.4 50.2





#15
Benzyl Alcohol
Concen: 47.810 ng
RT: 7.934 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

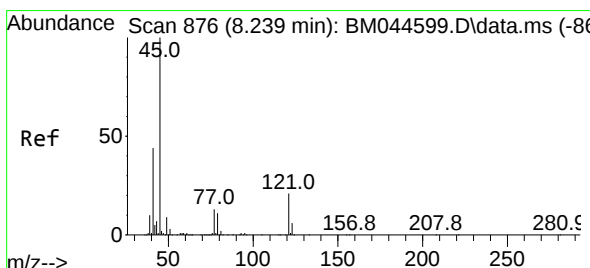
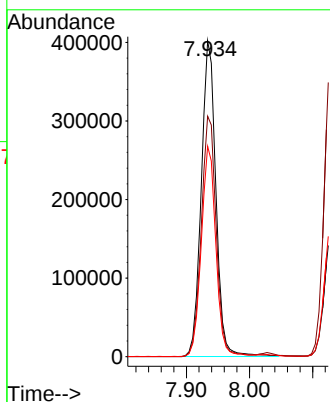
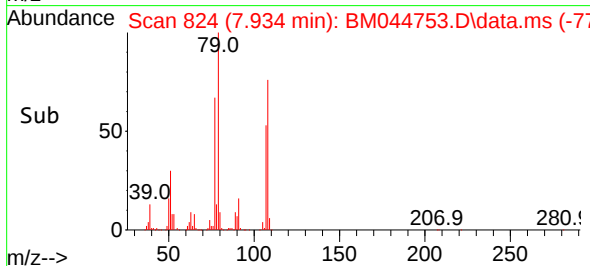
Instrument :
BNA_M
ClientSampleId :
PB159758BS



Tgt Ion: 79 Resp: 647430
Ion Ratio Lower Upper
79 100
108 76.1 65.0 97.6
77 66.6 51.7 77.5

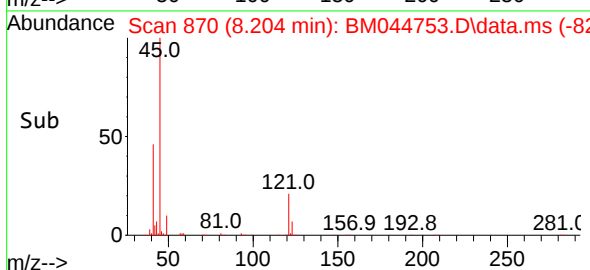
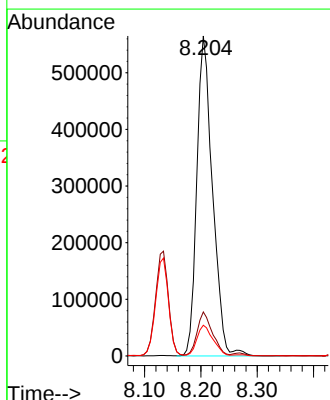
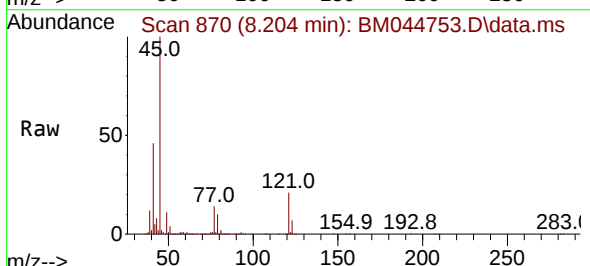
Manual Integrations
APPROVED

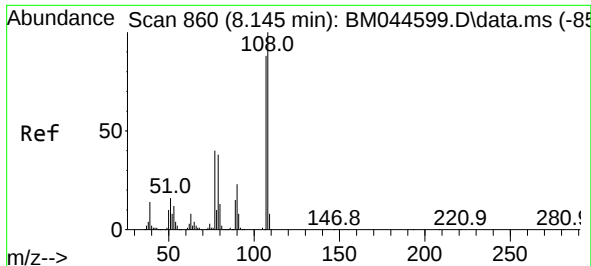
Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.086 ng m
RT: 8.204 min Scan# 870
Delta R.T. -0.035 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

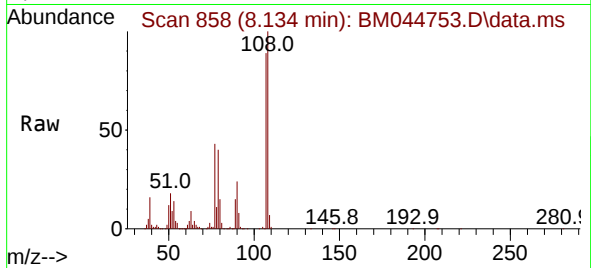
Tgt Ion: 45 Resp: 1096464
Ion Ratio Lower Upper
45 100
77 13.7 0.0 33.7
79 9.6 0.0 31.2





#17
2-Methylphenol
Concen: 43.657 ng
RT: 8.134 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

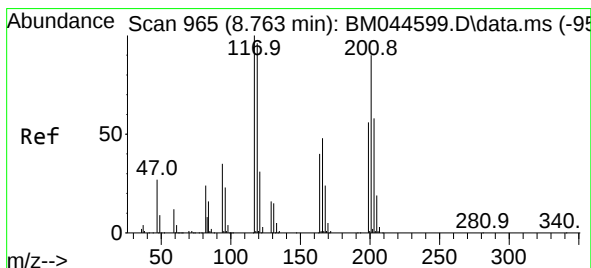
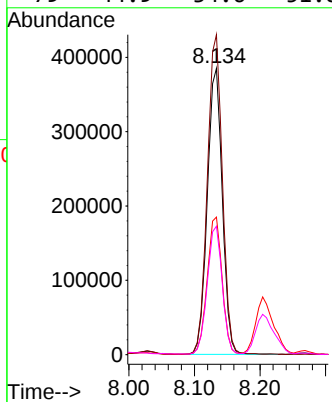
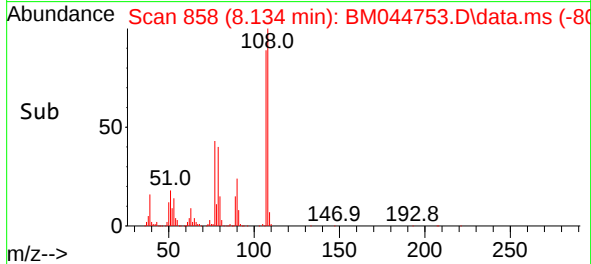
Instrument :
BNA_M
ClientSampleId :
PB159758BS



Tgt Ion:107 Resp: 612470
Ion Ratio Lower Upper
107 100
108 111.8 90.7 136.1
77 48.0 36.2 54.2
79 44.9 34.6 51.8

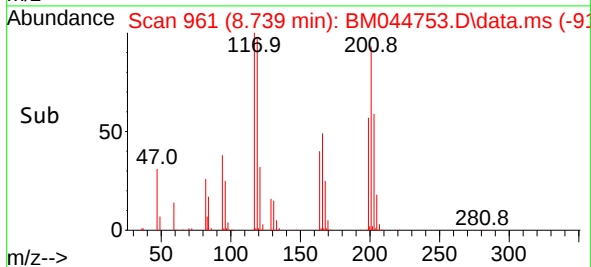
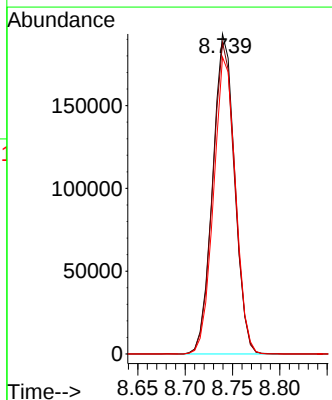
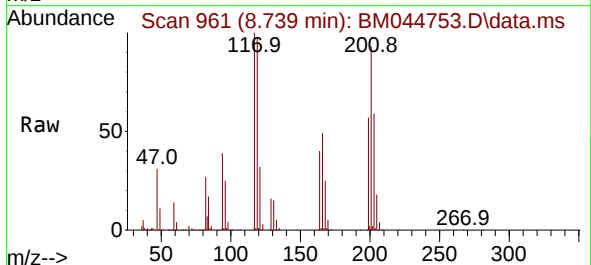
Manual Integrations
APPROVED

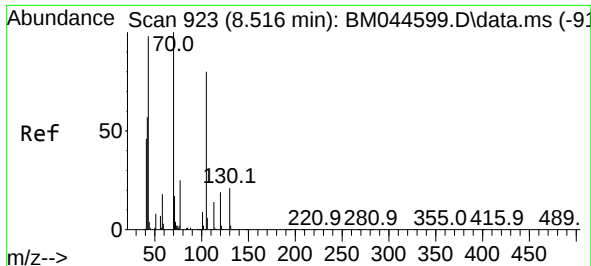
Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024



#18
Hexachloroethane
Concen: 48.917 ng
RT: 8.739 min Scan# 961
Delta R.T. -0.024 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

Tgt Ion:117 Resp: 312523
Ion Ratio Lower Upper
117 100
119 97.4 76.8 115.2
201 92.7 72.3 108.5





#19

n-Nitroso-di-n-propylamine

Concen: 43.269 ng

RT: 8.498 min Scan# 914

Delta R.T. -0.018 min

Lab File: BM044753.D

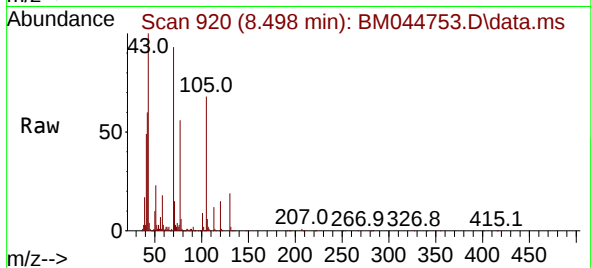
Acq: 25 Mar 2024 13:27

Instrument :

BNA_M

ClientSampleId :

PB159758BS



Tgt Ion: 70 Resp: 54428

Ion Ratio Lower Upper

70 100

42 65.2 46.6 69.8

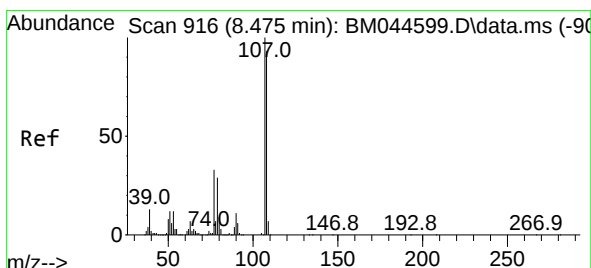
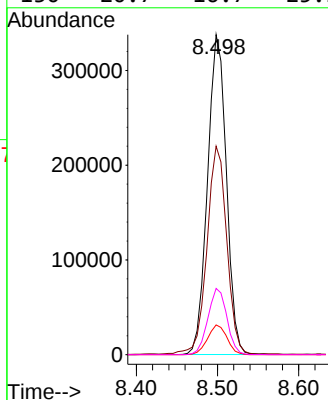
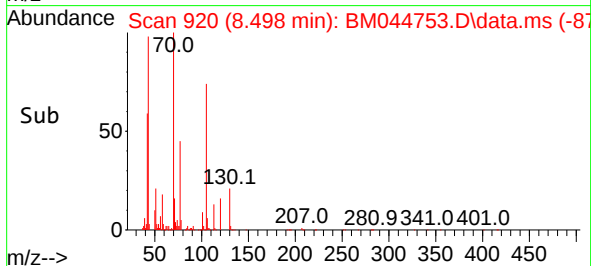
101 9.3 7.6 11.4

130 20.7 16.7 25.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024



#20

3+4-Methylphenols

Concen: 43.200 ng

RT: 8.463 min Scan# 914

Delta R.T. -0.012 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

Tgt Ion:107 Resp: 817878

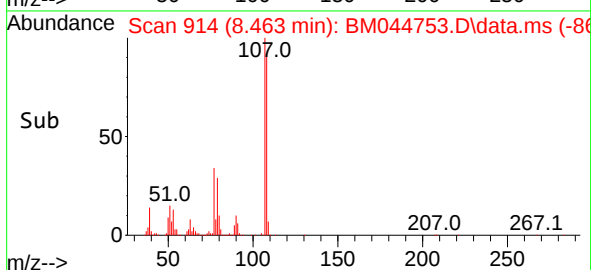
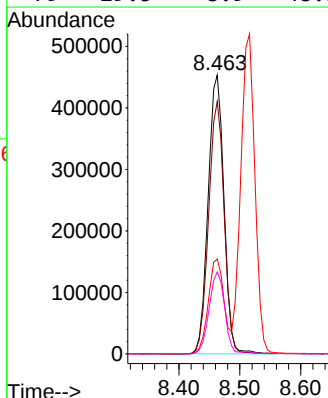
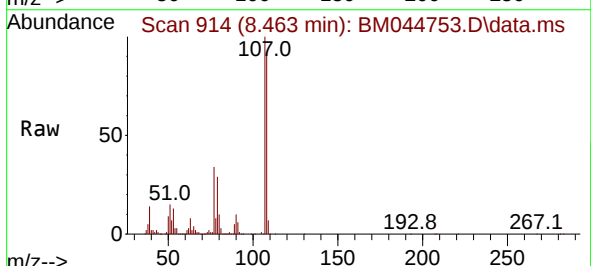
Ion Ratio Lower Upper

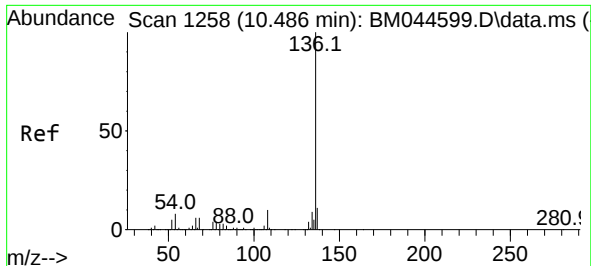
107 100

108 90.5 72.7 112.7

77 34.0 13.3 53.3

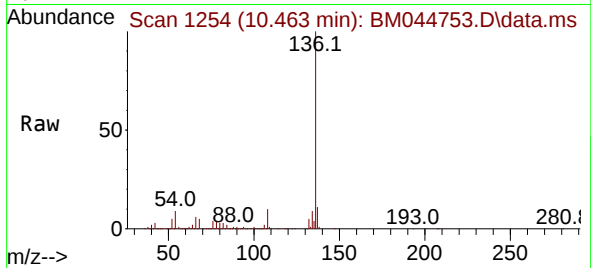
79 29.5 8.9 48.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.463 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

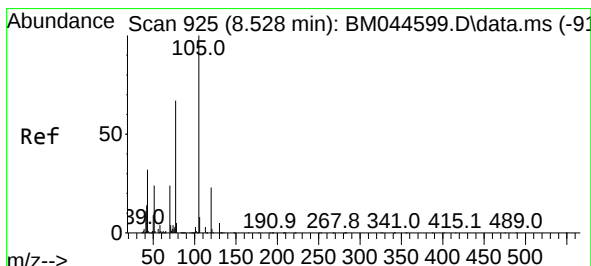
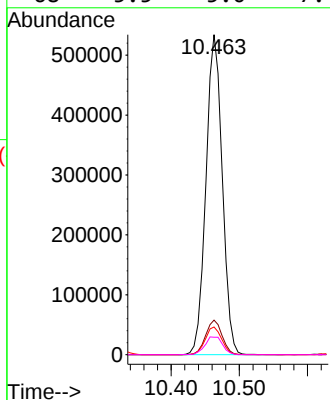
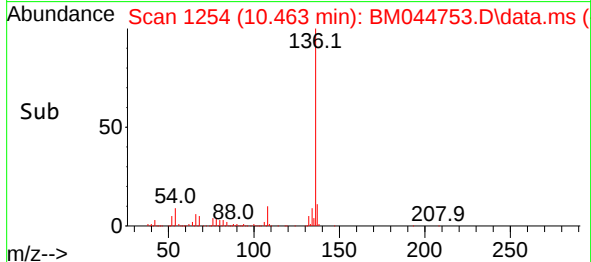
Instrument :
BNA_M
ClientSampleId :
PB159758BS



Tgt Ion:136 Resp: 889874
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.6 6.6 10.0
68 5.5 5.0 7.4

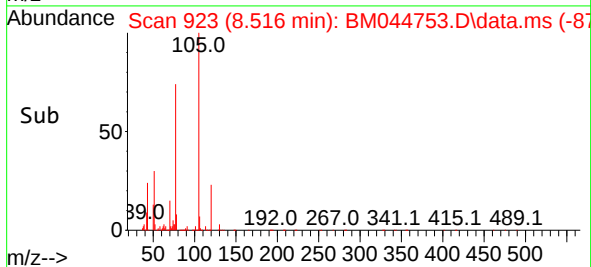
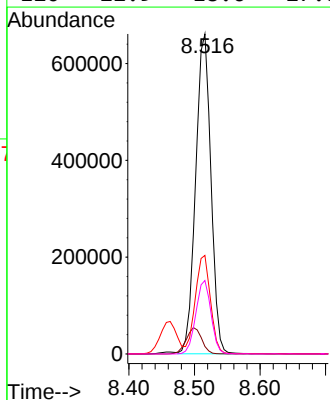
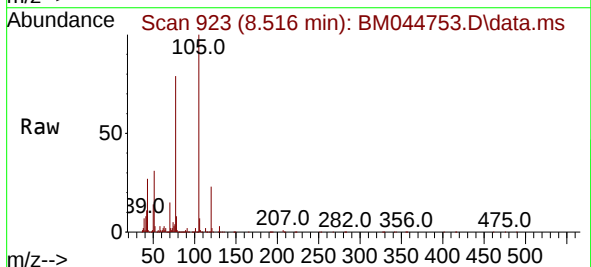
Manual Integrations
APPROVED

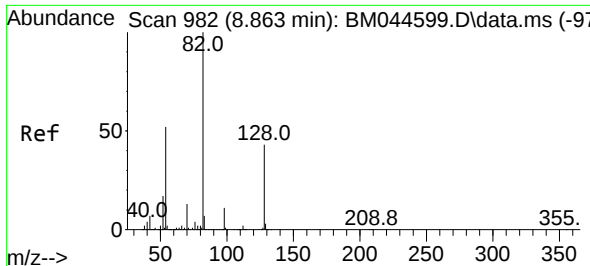
Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024



#22
Acetophenone
Concen: 45.895 ng
RT: 8.516 min Scan# 923
Delta R.T. -0.012 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

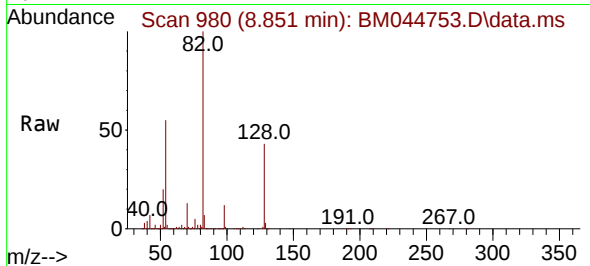
Tgt Ion:105 Resp: 1072969
Ion Ratio Lower Upper
105 100
71 2.4 3.4 5.2#
51 30.8 22.2 33.4
120 22.9 18.6 27.8





#23
Nitrobenzene-d5
Concen: 88.138 ng
RT: 8.851 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

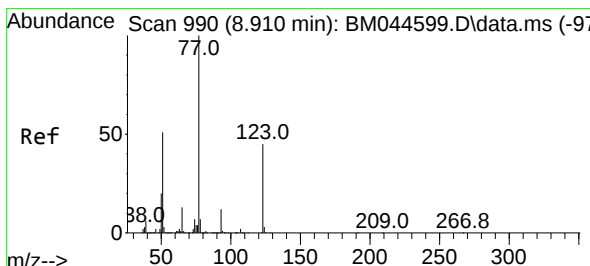
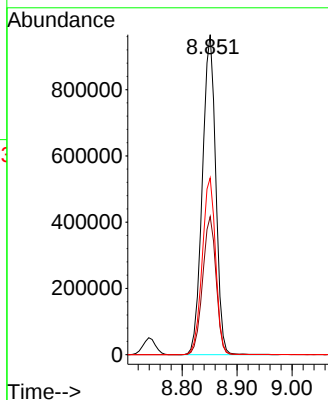
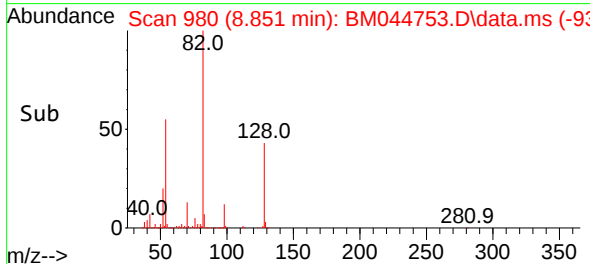
Instrument :
BNA_M
ClientSampleId :
PB159758BS



Tgt Ion: 82 Resp: 162804
Ion Ratio Lower Upper
82 100
128 43.2 34.2 51.4
54 55.3 41.3 61.9

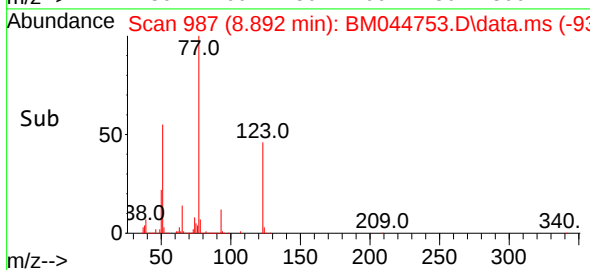
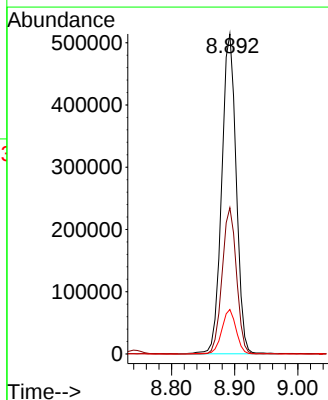
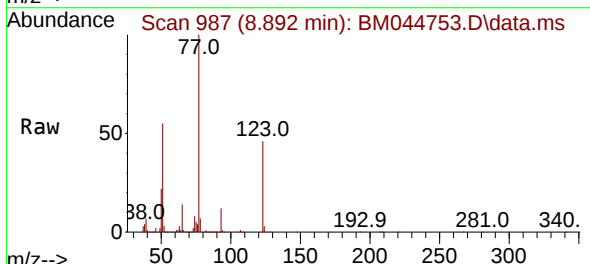
Manual Integrations
APPROVED

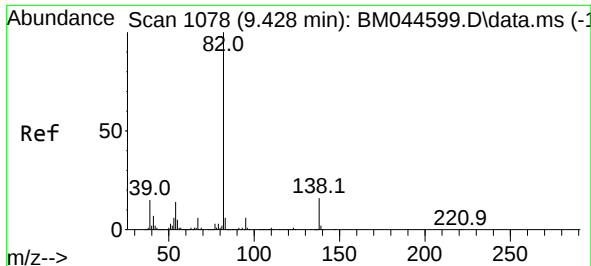
Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024



#24
Nitrobenzene
Concen: 44.795 ng
RT: 8.892 min Scan# 987
Delta R.T. -0.018 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

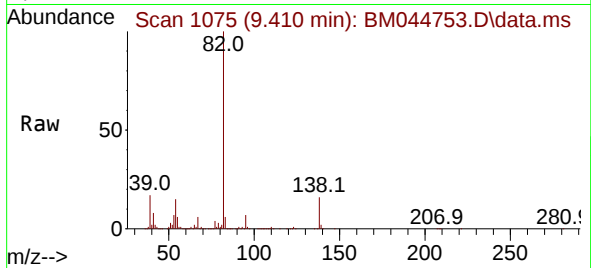
Tgt Ion: 77 Resp: 817926
Ion Ratio Lower Upper
77 100
123 45.7 35.9 53.9
65 13.9 10.7 16.1





#25
Isophorone
Concen: 45.606 ng
RT: 9.410 min Scan# 1107
Delta R.T. -0.018 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

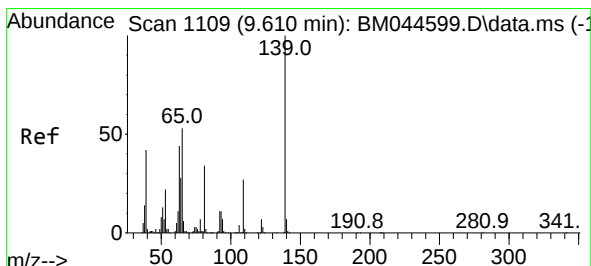
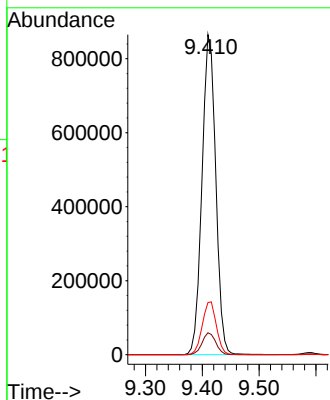
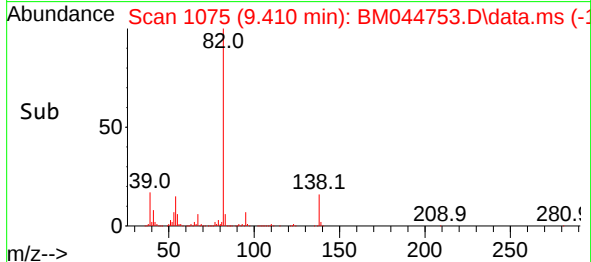
Instrument :
BNA_M
ClientSampleId :
PB159758BS



Tgt Ion: 82 Resp: 145347
Ion Ratio Lower Upper
82 100
95 6.8 4.9 7.3
138 16.3 12.9 19.3

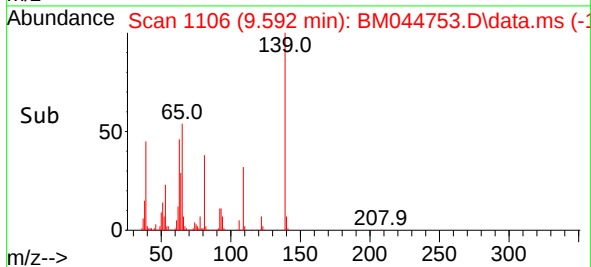
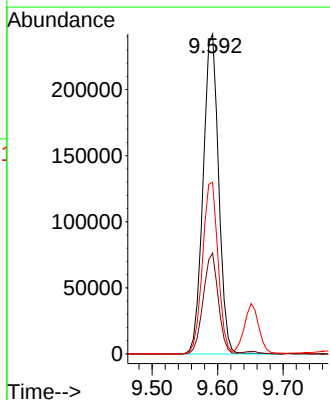
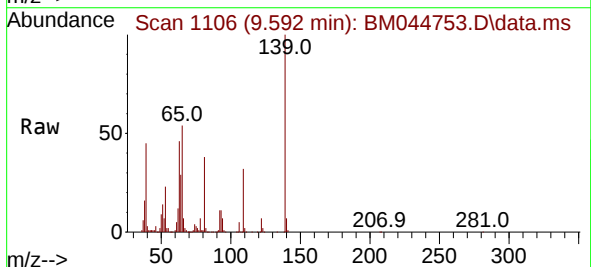
Manual Integrations
APPROVED

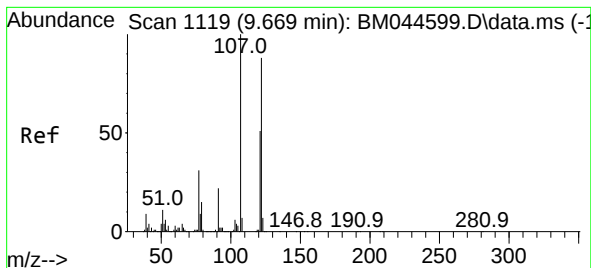
Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024



#26
2-Nitrophenol
Concen: 50.728 ng
RT: 9.592 min Scan# 1106
Delta R.T. -0.018 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

Tgt Ion:139 Resp: 399687
Ion Ratio Lower Upper
139 100
109 31.5 21.2 31.8
65 53.6 42.4 63.6





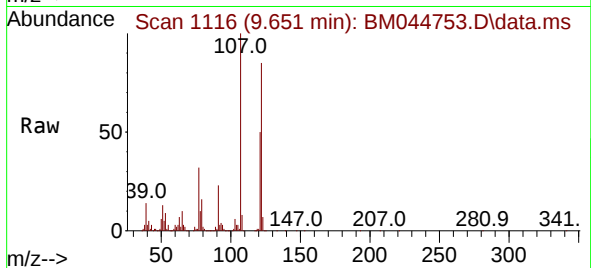
#27
2,4-Dimethylphenol
Concen: 38.317 ng
RT: 9.651 min Scan# 1116
Delta R.T. -0.018 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

Instrument :

BNA_M

ClientSampleId :

PB159758BS

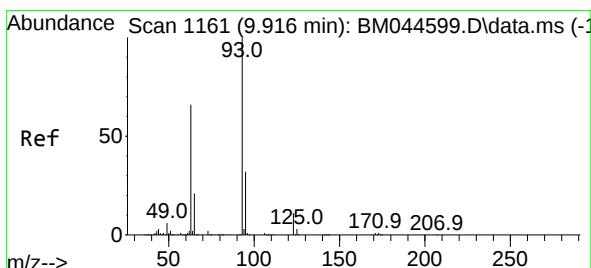
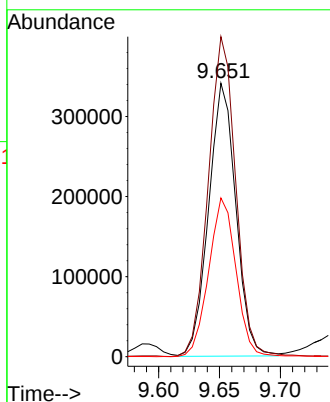
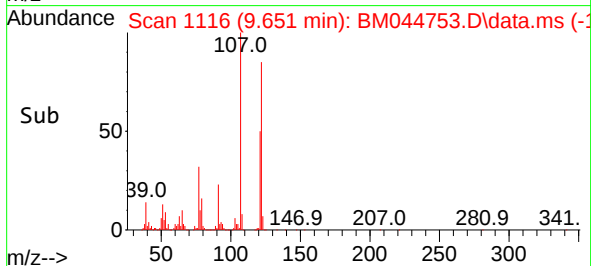


Tgt Ion:122 Resp: 530919
Ion Ratio Lower Upper
122 100
107 117.1 90.5 135.7
121 58.1 46.2 69.4

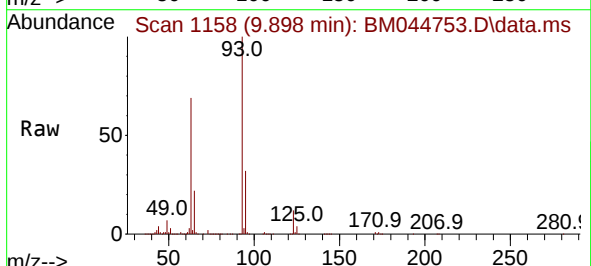
Manual Integrations

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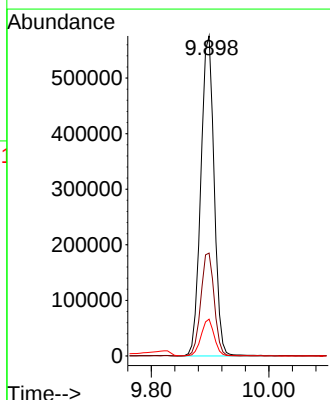
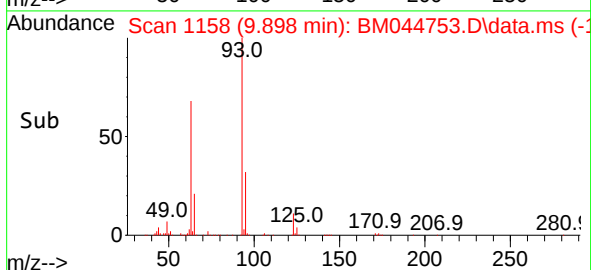
Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024

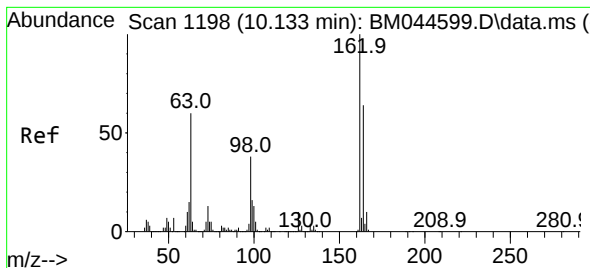


#28
bis(2-Chloroethoxy)methane
Concen: 42.802 ng
RT: 9.898 min Scan# 1158
Delta R.T. -0.018 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27



Tgt Ion: 93 Resp: 905842
Ion Ratio Lower Upper
93 100
95 32.1 25.8 38.6
123 11.5 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 48.155 ng

RT: 10.116 min Scan# 1195

Delta R.T. -0.018 min

Lab File: BM044753.D

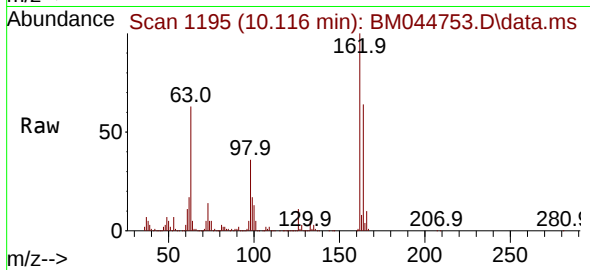
Acq: 25 Mar 2024 13:27

Instrument :

BNA_M

ClientSampleId :

PB159758BS



Tgt Ion:162 Resp: 635930

Ion Ratio Lower Upper

162 100

164 64.0 44.1 84.1

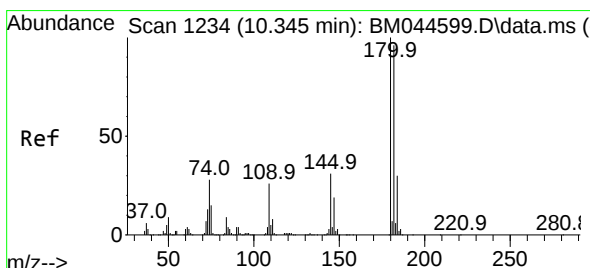
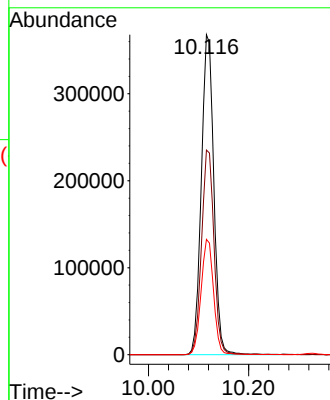
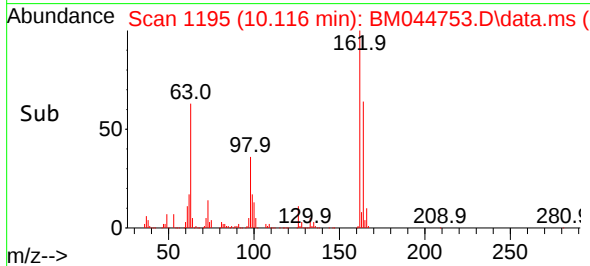
98 36.1 18.0 58.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/26/2024

Supervised By :mohammad ahmed 03/27/2024



#30

1,2,4-Trichlorobenzene

Concen: 47.727 ng

RT: 10.328 min Scan# 1231

Delta R.T. -0.018 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

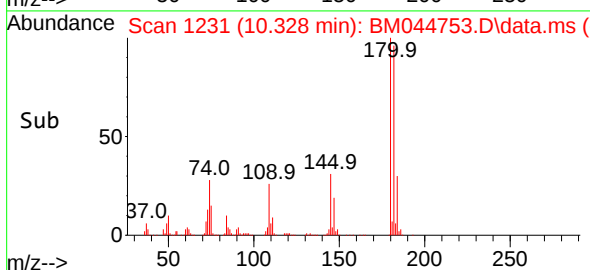
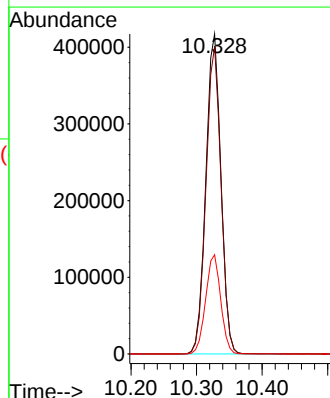
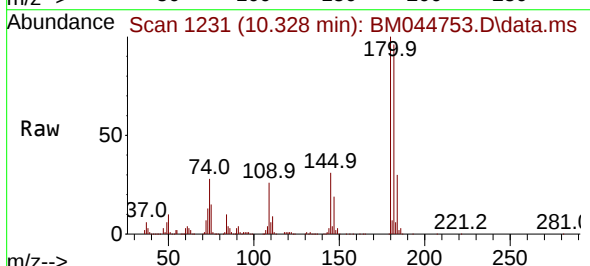
Tgt Ion:180 Resp: 670509

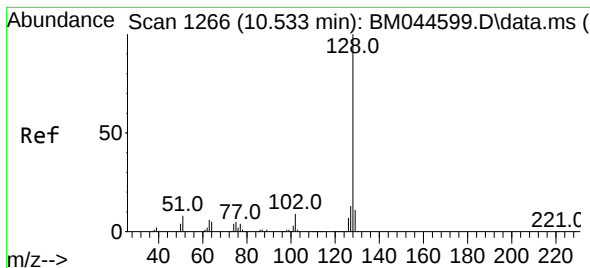
Ion Ratio Lower Upper

180 100

182 96.1 76.6 115.0

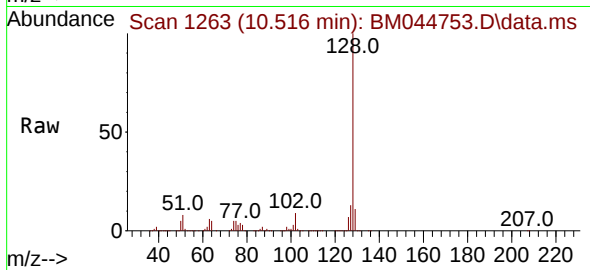
145 31.0 24.6 36.8





#31
Naphthalene
Concen: 43.938 ng
RT: 10.516 min Scan# 1263
Delta R.T. -0.018 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

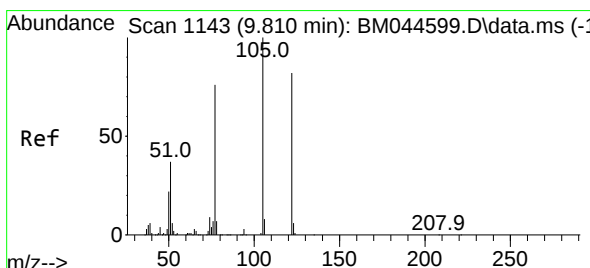
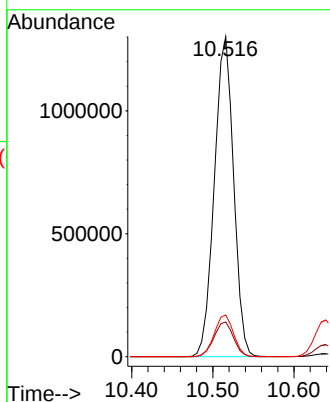
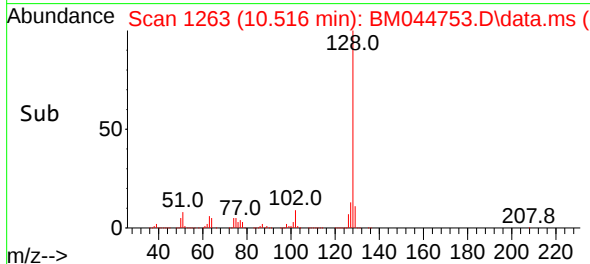
Instrument :
BNA_M
ClientSampleId :
PB159758BS



Tgt Ion:128 Resp: 2145808
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.0 10.2 15.4

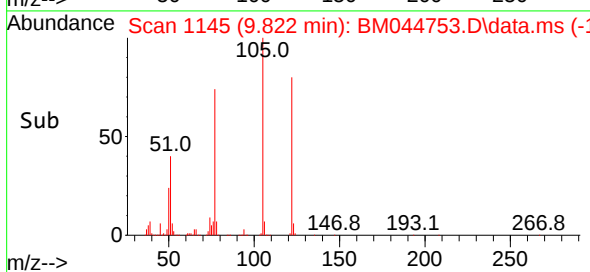
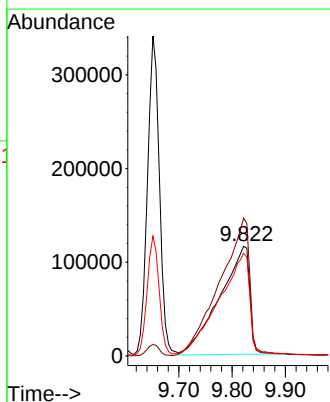
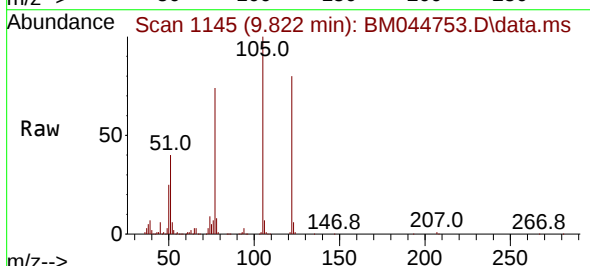
Manual Integrations
APPROVED

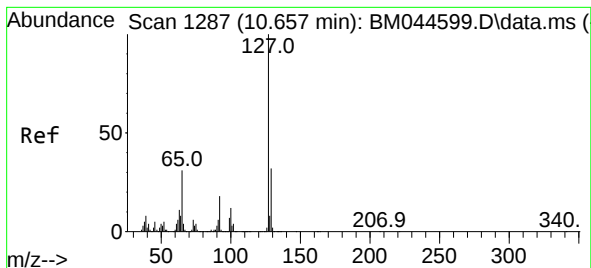
Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024



#32
Benzoic acid
Concen: 41.380 ng
RT: 9.822 min Scan# 1145
Delta R.T. 0.012 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

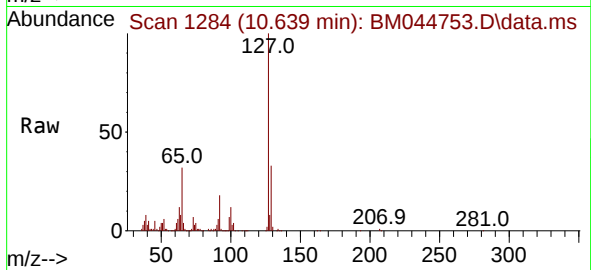
Tgt Ion:122 Resp: 451611
Ion Ratio Lower Upper
122 100
105 125.7 100.0 140.0
77 93.6 72.5 112.5





#33
4-Chloroaniline
Concen: 13.965 ng
RT: 10.639 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

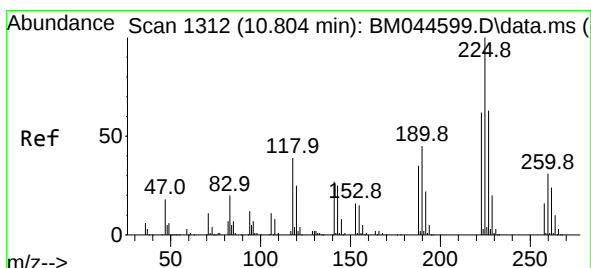
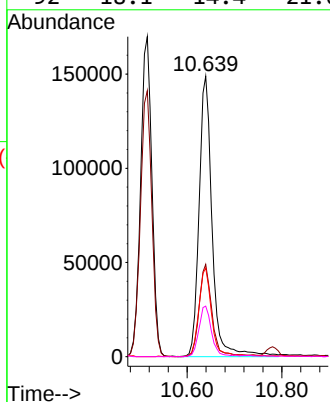
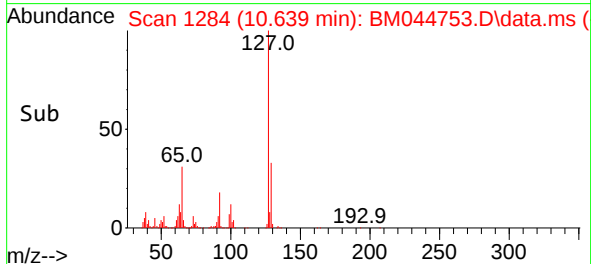
Instrument :
BNA_M
ClientSampleId :
PB159758BS



Tgt Ion:127 Resp: 286114
Ion Ratio Lower Upper
127 100
129 32.9 25.6 38.4
65 31.6 25.1 37.7
92 18.1 14.4 21.6

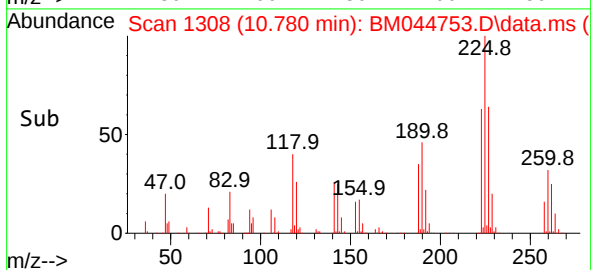
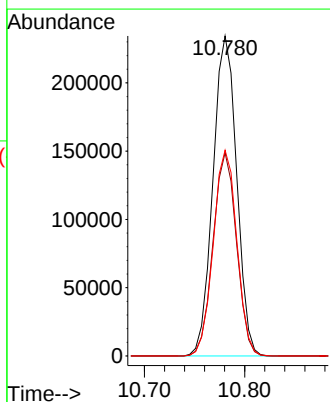
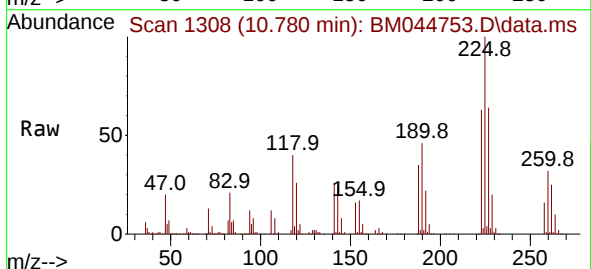
Manual Integrations
APPROVED

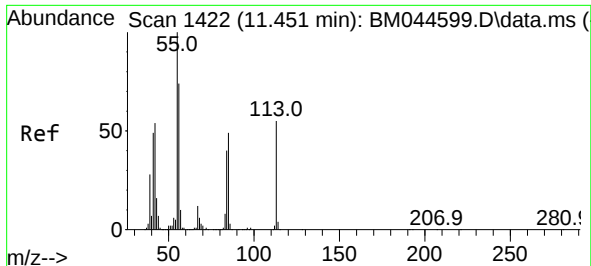
Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024



#34
Hexachlorobutadiene
Concen: 49.115 ng
RT: 10.780 min Scan# 1308
Delta R.T. -0.024 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

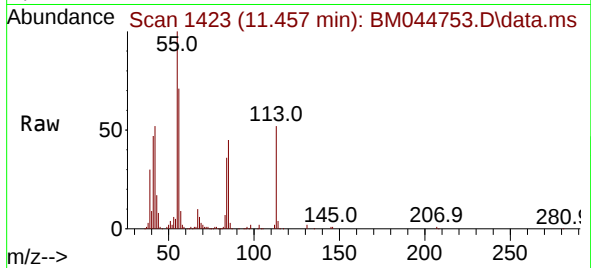
Tgt Ion:225 Resp: 384721
Ion Ratio Lower Upper
225 100
223 63.5 49.9 74.9
227 64.3 50.6 75.8





#35
Caprolactam
Concen: 42.024 ng m
RT: 11.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

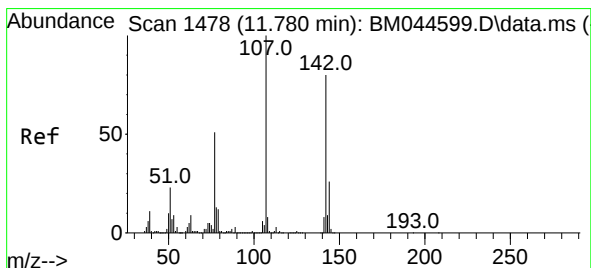
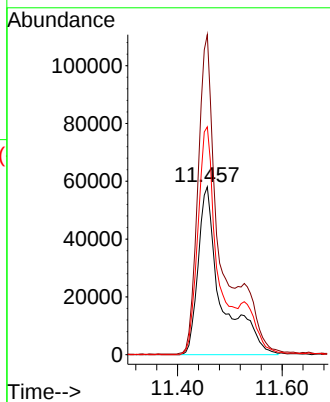
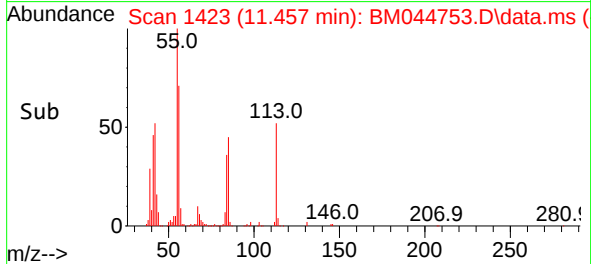
Instrument :
BNA_M
ClientSampleId :
PB159758BS



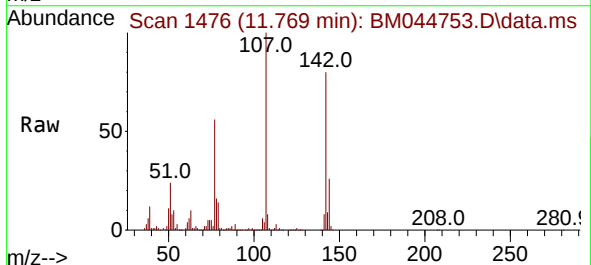
Tgt Ion:113 Resp: 179015
Ion Ratio Lower Upper
113 100
55 190.7 161.1 201.1
56 135.7 113.2 153.2

Manual Integrations
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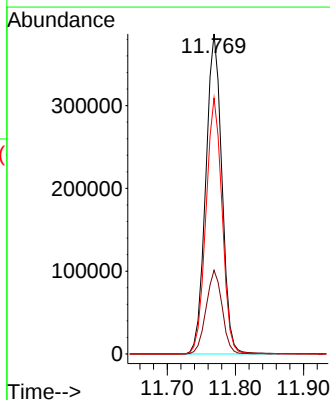
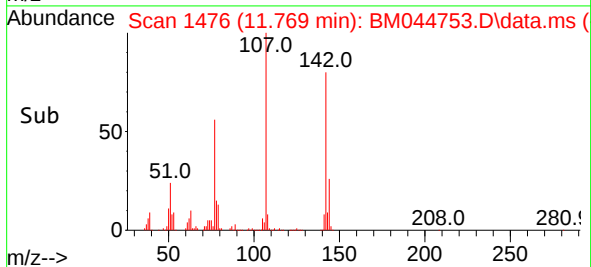
Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024

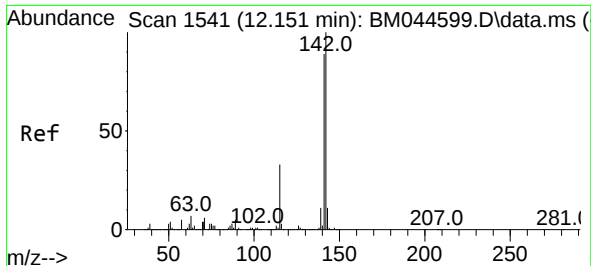


#36
4-Chloro-3-methylphenol
Concen: 43.947 ng
RT: 11.769 min Scan# 1476
Delta R.T. -0.012 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27



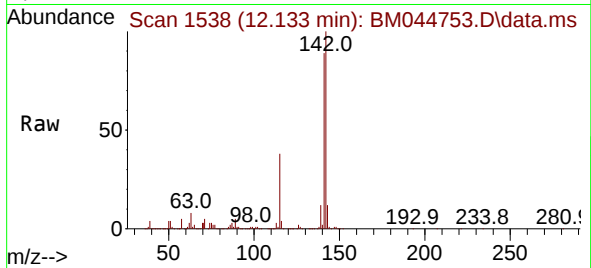
Tgt Ion:107 Resp: 636840
Ion Ratio Lower Upper
107 100
144 26.1 20.8 31.2
142 80.0 63.8 95.8





#37
2-Methylnaphthalene
Concen: 40.826 ng
RT: 12.133 min Scan# 1538
Delta R.T. -0.018 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

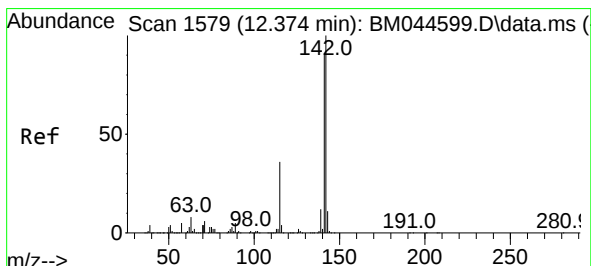
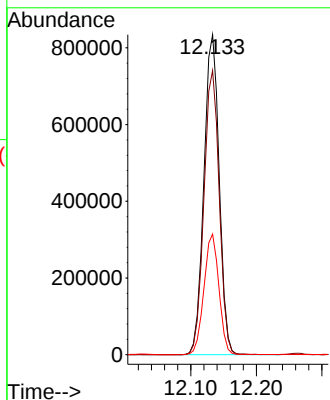
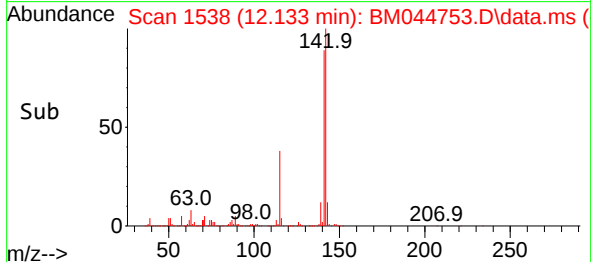
Instrument :
BNA_M
ClientSampleId :
PB159758BS



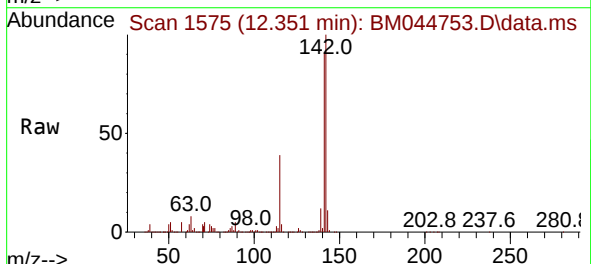
Tgt Ion:142 Resp: 1353260
Ion Ratio Lower Upper
142 100
141 88.8 71.0 106.6
115 37.7 26.6 40.0

Manual Integrations
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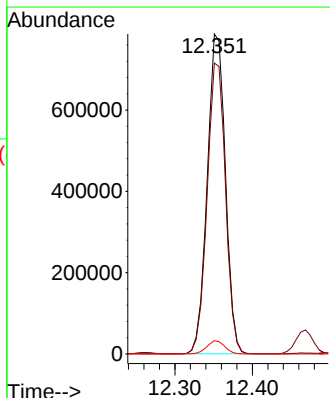
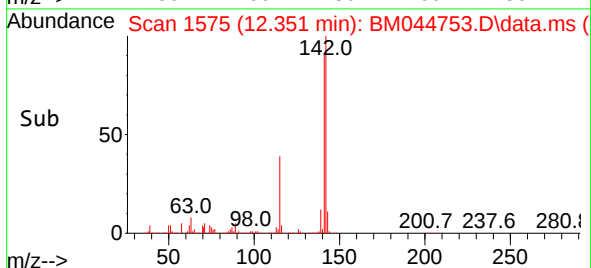
Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024

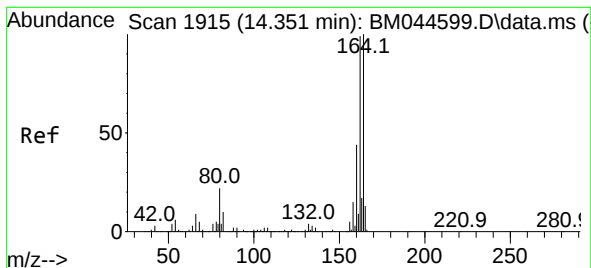


#38
1-Methylnaphthalene
Concen: 41.679 ng
RT: 12.351 min Scan# 1575
Delta R.T. -0.024 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27



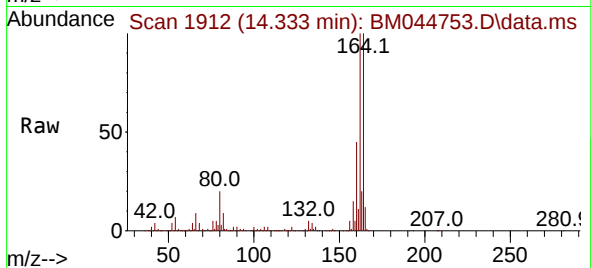
Tgt Ion:142 Resp: 1287580
Ion Ratio Lower Upper
142 100
141 90.9 72.9 109.3
116 4.2 2.9 4.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.333 min Scan# 1915
Delta R.T. -0.018 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

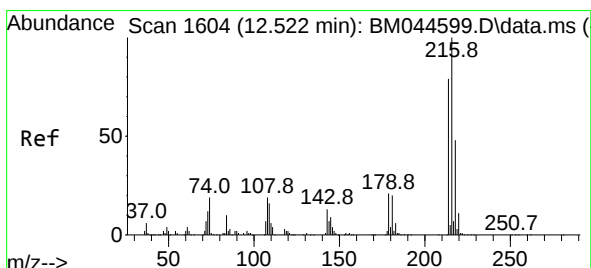
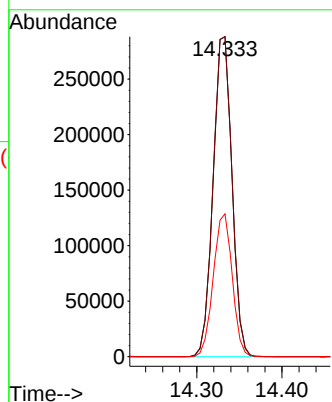
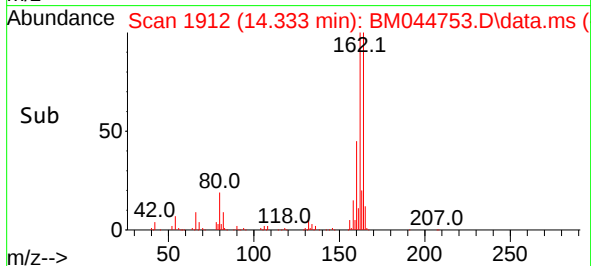
Instrument :
BNA_M
ClientSampleId :
PB159758BS



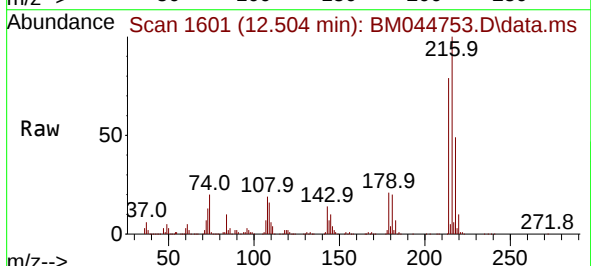
Tgt Ion:164 Resp: 44169
Ion Ratio Lower Upper
164 100
162 100.0 79.3 118.9
160 44.6 35.2 52.8

Manual Integrations
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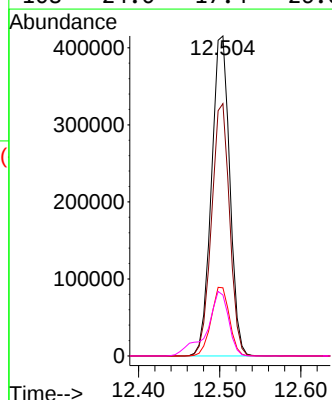
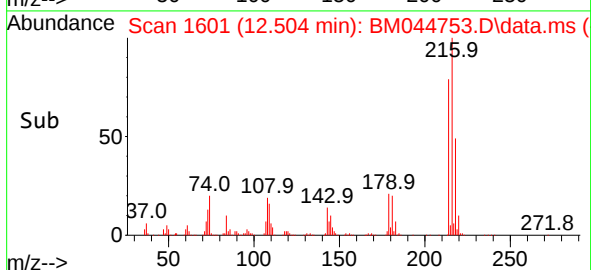
Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024

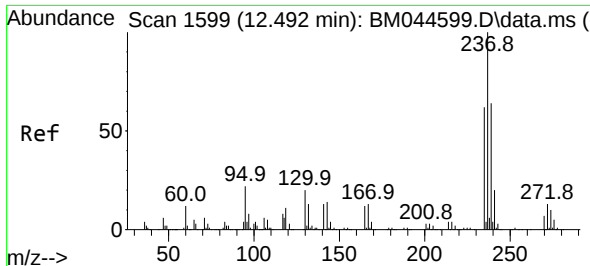


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.879 ng
RT: 12.504 min Scan# 1601
Delta R.T. -0.018 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27



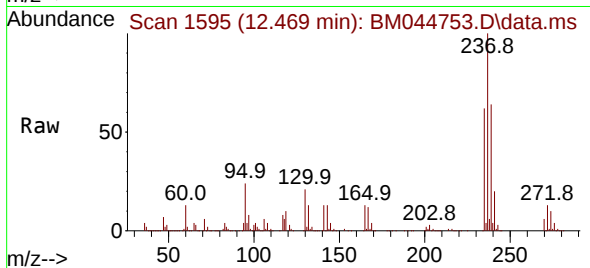
Tgt Ion:216 Resp: 650260
Ion Ratio Lower Upper
216 100
214 77.8 62.9 94.3
179 21.3 16.9 25.3
108 24.0 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 95.639 ng
RT: 12.469 min Scan# 1595
Delta R.T. -0.024 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

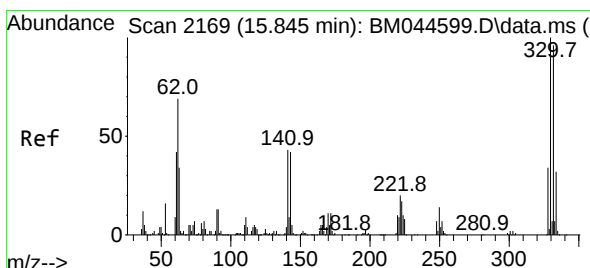
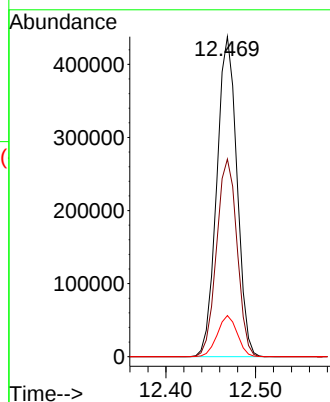
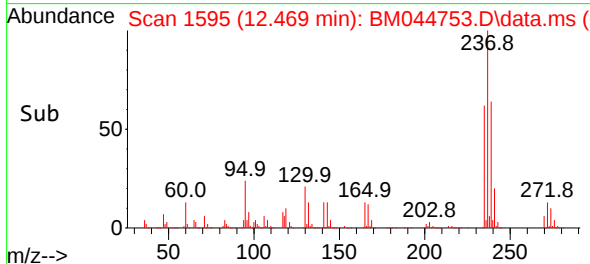
Instrument :
BNA_M
ClientSampleId :
PB159758BS



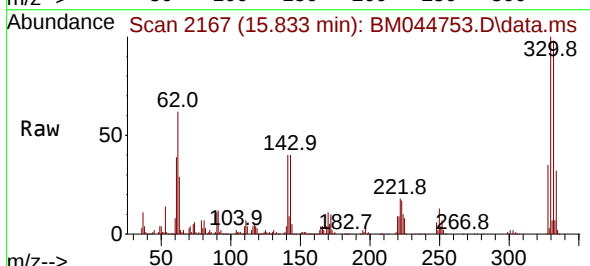
Tgt Ion:237 Resp: 682918
Ion Ratio Lower Upper
237 100
235 61.8 42.1 82.1
272 12.8 0.0 33.1

Manual Integrations
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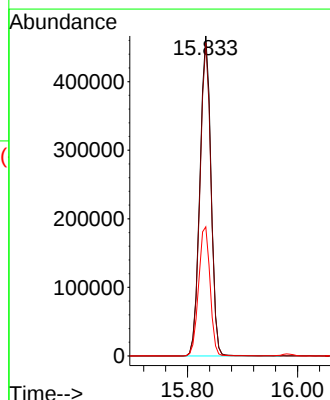
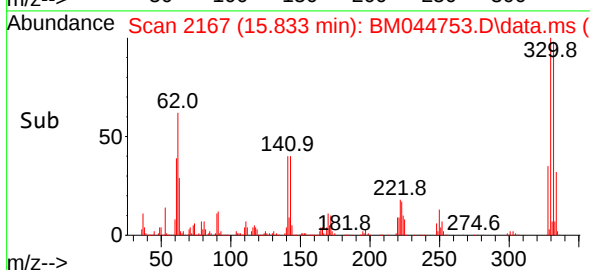
Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024

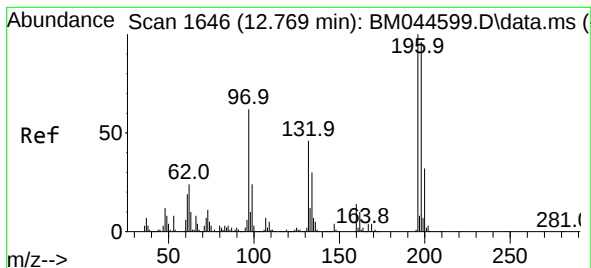


#42
2,4,6-Tribromophenol
Concen: 134.425 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27



Tgt Ion:330 Resp: 654879
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.8
141 41.6 33.4 50.0





#43

2,4,6-Trichlorophenol

Concen: 52.015 ng

RT: 12.751 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM044753.D

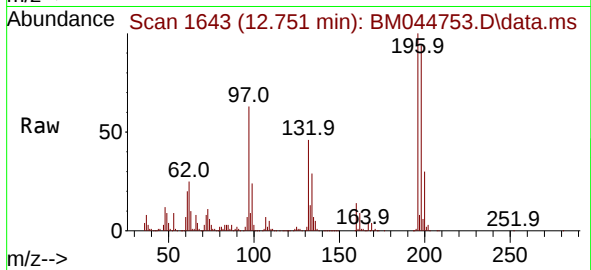
Acq: 25 Mar 2024 13:27

Instrument :

BNA_M

ClientSampleId :

PB159758BS



Tgt Ion:196 Resp: 44023

Ion Ratio Lower Upper

196 100

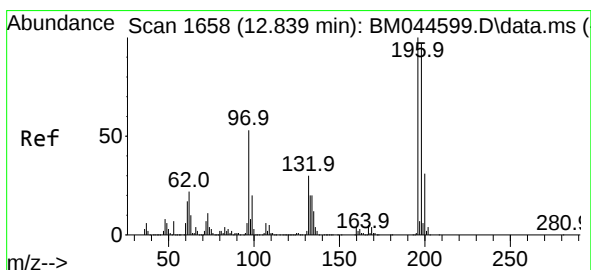
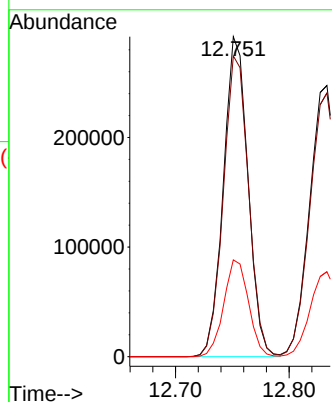
198 94.0 76.9 115.3

200 30.2 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024



#44

2,4,5-Trichlorophenol

Concen: 45.135 ng

RT: 12.833 min Scan# 1657

Delta R.T. -0.006 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

Tgt Ion:196 Resp: 452639

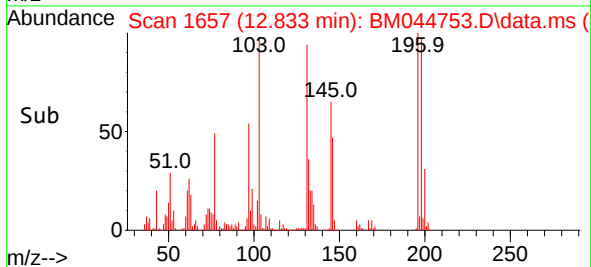
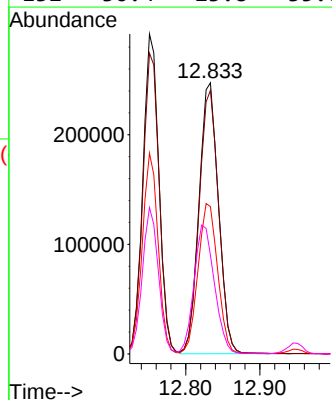
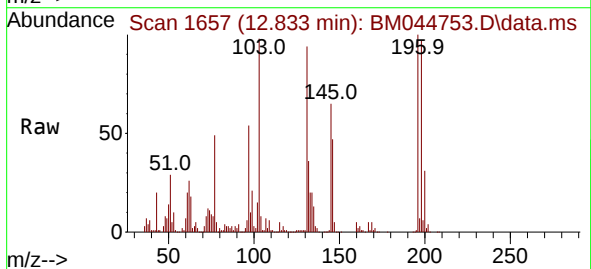
Ion Ratio Lower Upper

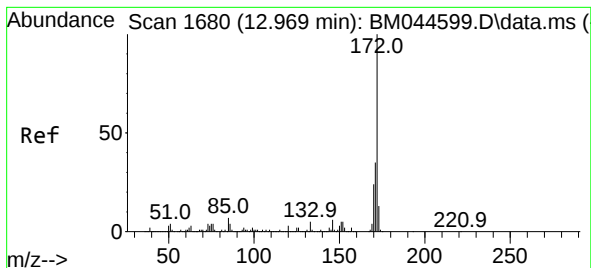
196 100

198 97.2 77.7 116.5

97 54.3 42.8 64.2

132 36.4 23.8 35.6#





#45
2-Fluorobiphenyl
Concen: 91.024 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.018 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

Instrument :

BNA_M

ClientSampleId :

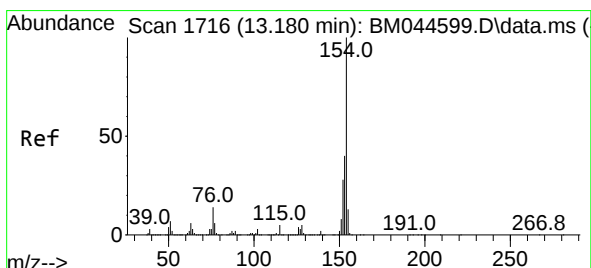
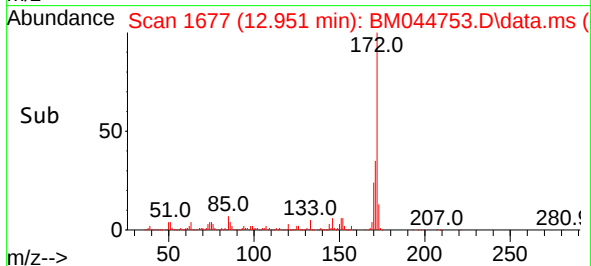
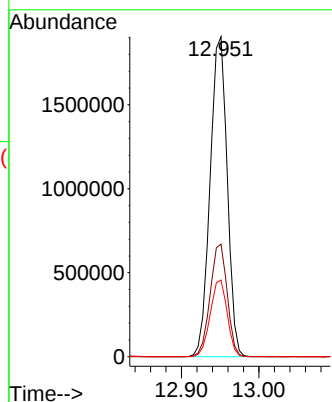
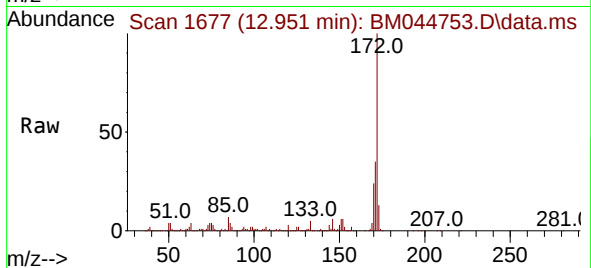
PB159758BS

Tgt Ion:172 Resp: 291924
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 23.9 19.0 28.6

Manual Integrations

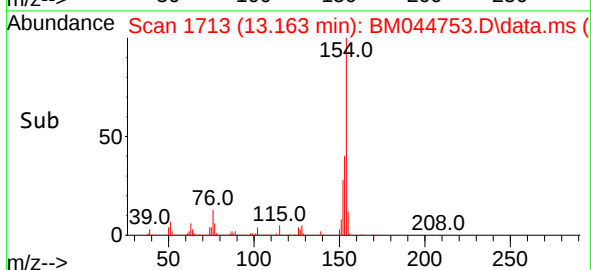
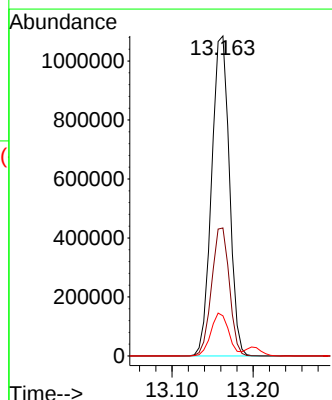
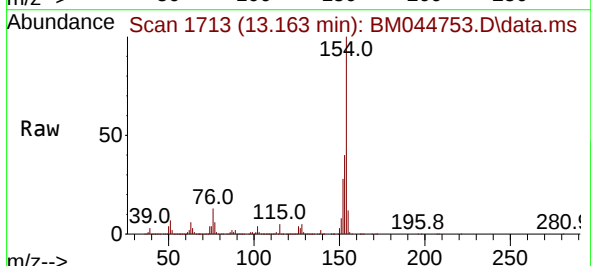
APPROVED

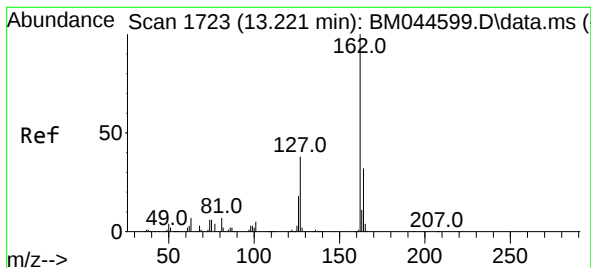
Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024



#46
1,1'-Biphenyl
Concen: 47.671 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.018 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

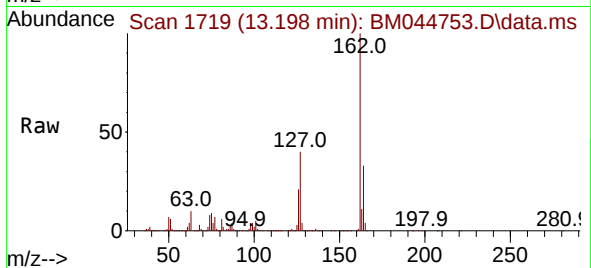
Tgt Ion:154 Resp: 1646810
Ion Ratio Lower Upper
154 100
153 40.0 19.9 59.9
76 12.6 0.0 34.0





#47
2-Chloronaphthalene
Concen: 49.619 ng
RT: 13.198 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

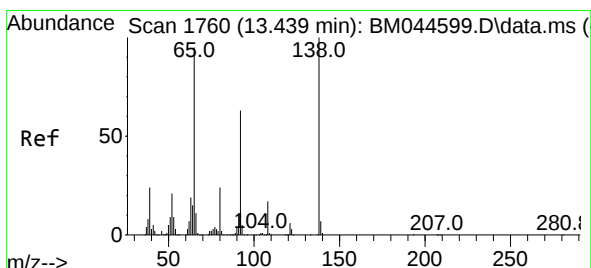
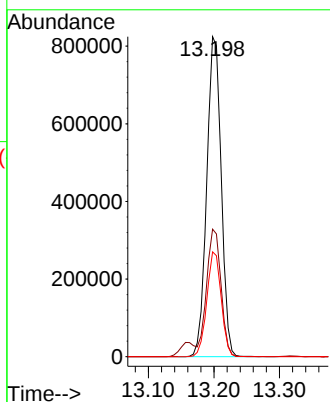
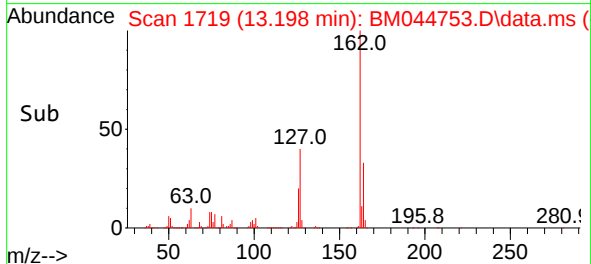
Instrument :
BNA_M
ClientSampleId :
PB159758BS



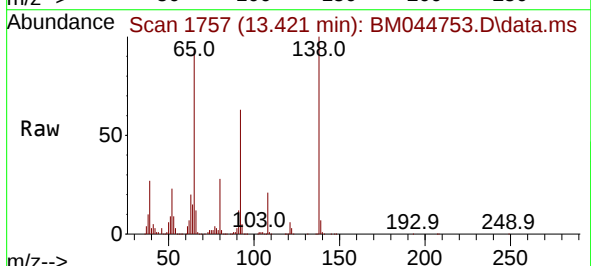
Tgt Ion:162 Resp: 126754
Ion Ratio Lower Upper
162 100
127 39.8 31.4 47.0
164 32.8 25.8 38.8

Manual Integrations
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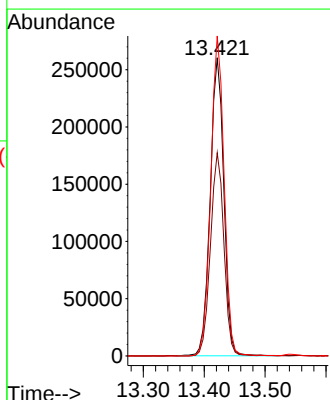
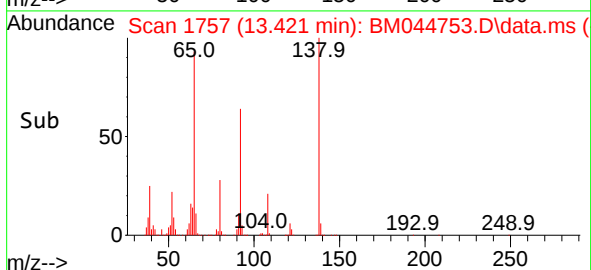
Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024

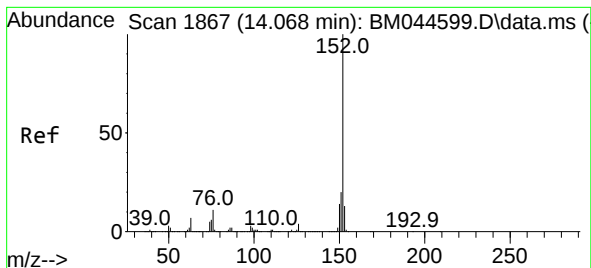


#48
2-Nitroaniline
Concen: 46.590 ng
RT: 13.421 min Scan# 1757
Delta R.T. -0.018 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27



Tgt Ion: 65 Resp: 403821
Ion Ratio Lower Upper
65 100
92 68.1 53.3 79.9
138 107.3 84.3 126.5





#49

Acenaphthylene

Concen: 48.980 ng

RT: 14.051 min Scan# 1864

Delta R.T. -0.018 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

Instrument :

BNA_M

ClientSampleId :

PB159758BS

Tgt Ion:152 Resp: 203825

Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

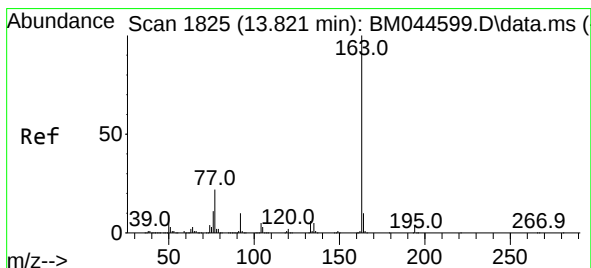
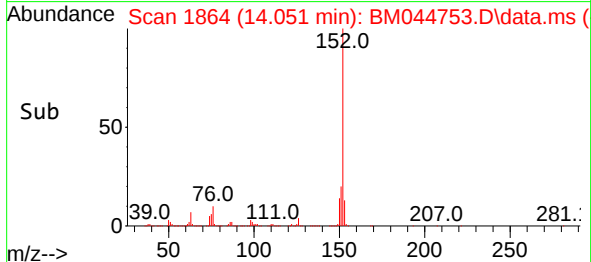
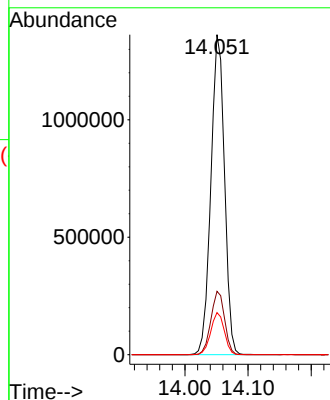
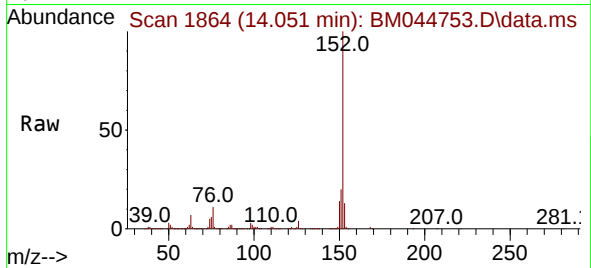
153 13.1 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/26/2024

Supervised By :mohammad ahmed 03/27/2024



#50

Dimethylphthalate

Concen: 43.837 ng

RT: 13.804 min Scan# 1822

Delta R.T. -0.017 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

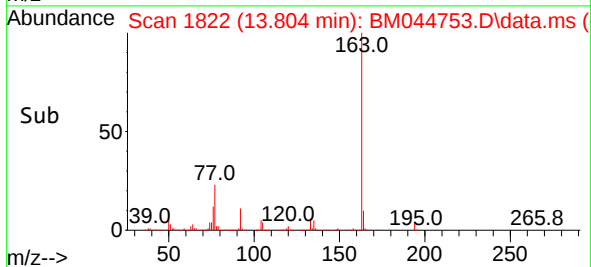
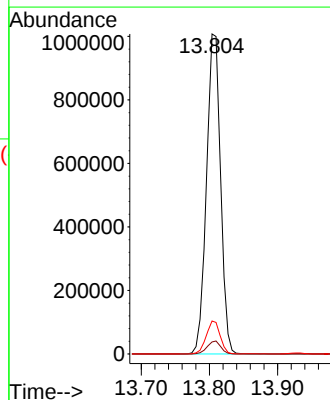
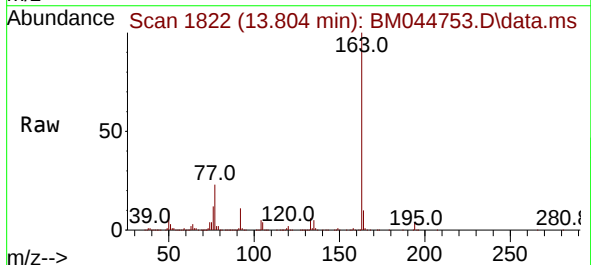
Tgt Ion:163 Resp: 1448271

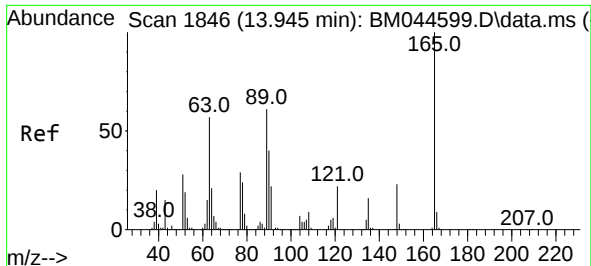
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

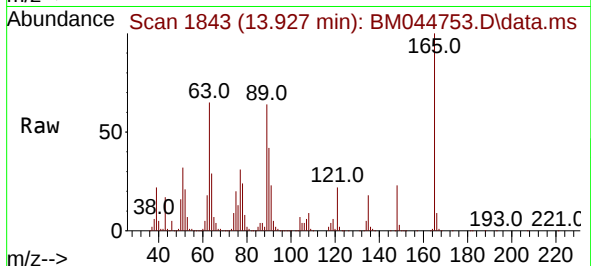
164 10.3 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 45.933 ng
RT: 13.927 min Scan# 1843
Delta R.T. -0.018 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

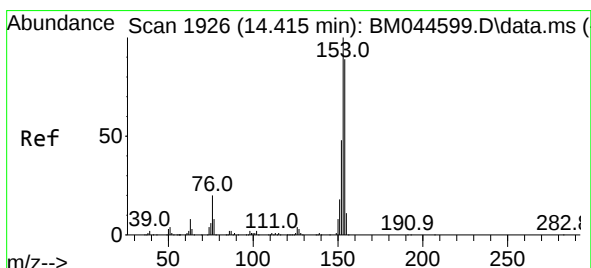
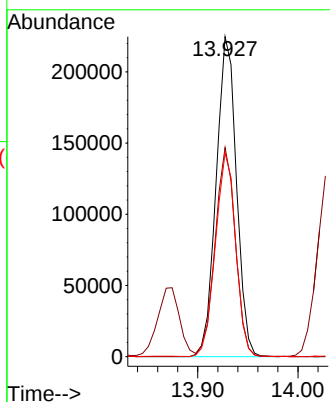
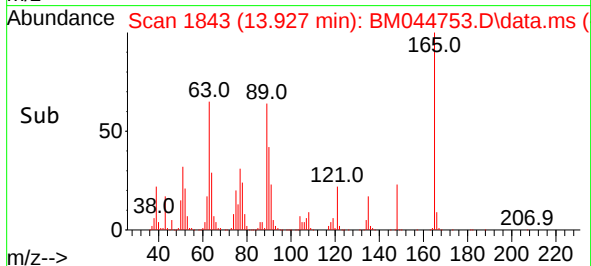
Instrument :
BNA_M
ClientSampleId :
PB159758BS



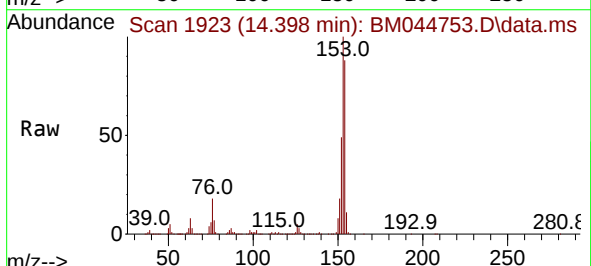
Tgt Ion:165 Resp: 31600
Ion Ratio Lower Upper
165 100
63 65.3 50.4 75.6
89 63.7 49.3 73.9

Manual Integrations
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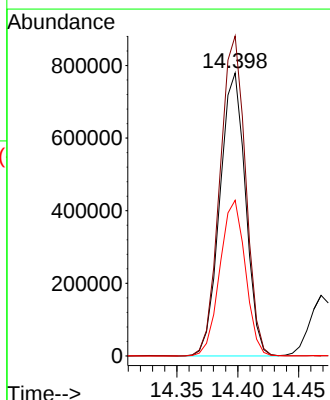
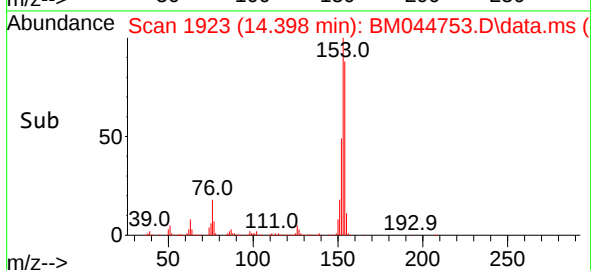
Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024

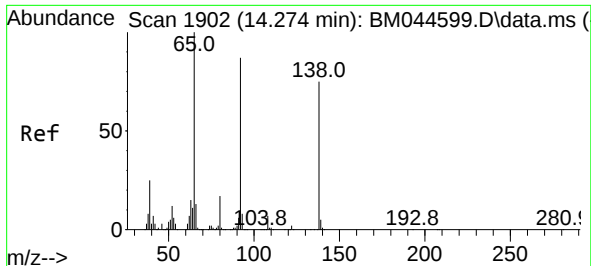


#52
Acenaphthene
Concen: 45.323 ng
RT: 14.398 min Scan# 1923
Delta R.T. -0.018 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27



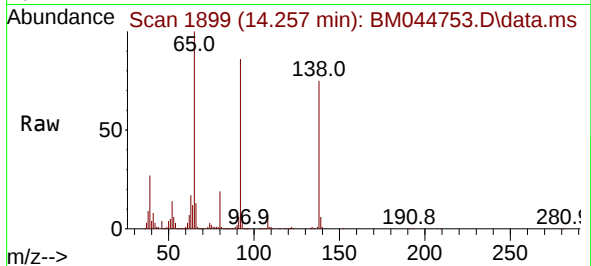
Tgt Ion:154 Resp: 1140147
Ion Ratio Lower Upper
154 100
153 113.0 90.3 135.5
152 55.0 43.1 64.7





#53
3-Nitroaniline
Concen: 30.202 ng
RT: 14.257 min Scan# 1899
Delta R.T. -0.017 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

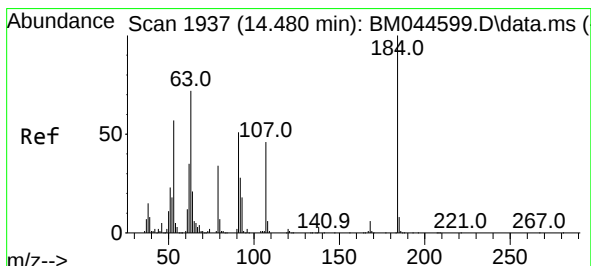
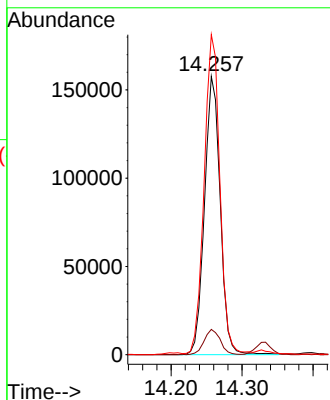
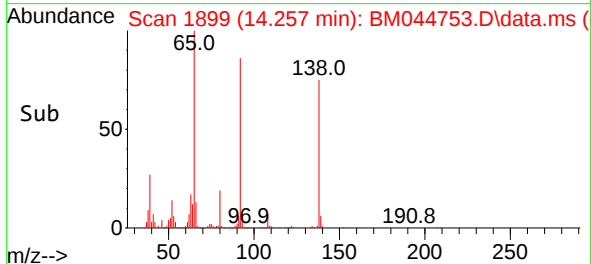
Instrument :
BNA_M
ClientSampleId :
PB159758BS



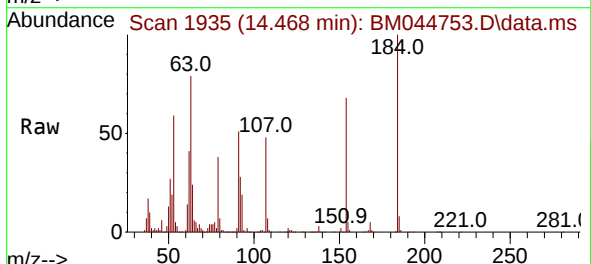
Tgt Ion:138 Resp: 24330
Ion Ratio Lower Upper
138 100
108 9.1 7.5 11.3
92 115.0 92.8 139.2

Manual Integrations
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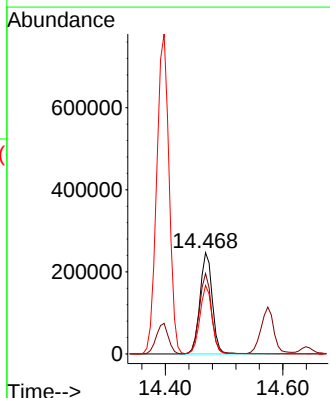
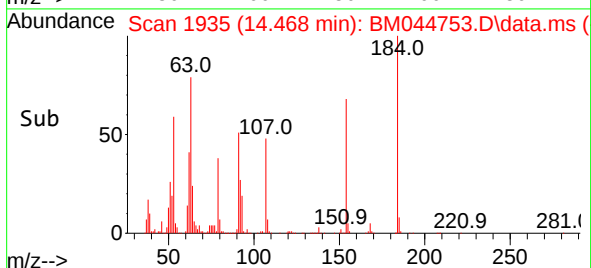
Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024

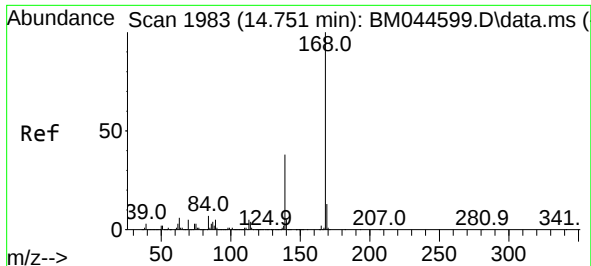


#54
2,4-Dinitrophenol
Concen: 80.154 ng
RT: 14.468 min Scan# 1935
Delta R.T. -0.012 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27



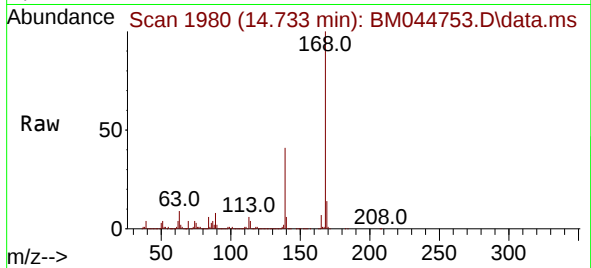
Tgt Ion:184 Resp: 360826
Ion Ratio Lower Upper
184 100
63 79.4 62.2 93.2
154 67.6 47.9 71.9





#55
Dibenzenofuran
Concen: 44.006 ng
RT: 14.733 min Scan# 1980
Delta R.T. -0.018 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

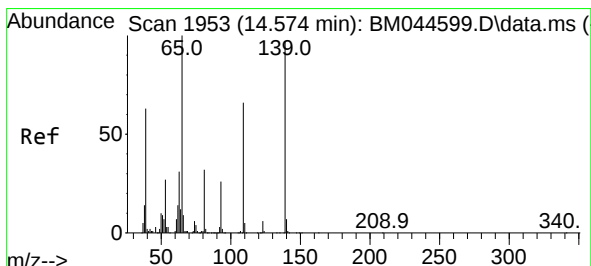
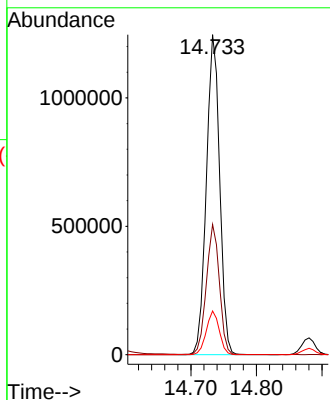
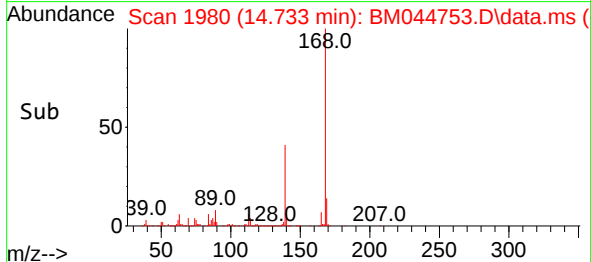
Instrument :
BNA_M
ClientSampleId :
PB159758BS



Tgt Ion:168 Resp: 1756928
Ion Ratio Lower Upper
168 100
139 40.7 30.6 46.0
169 13.7 10.6 16.0

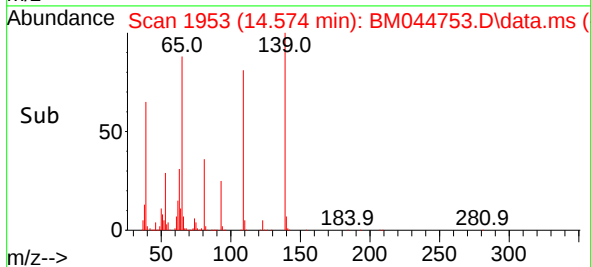
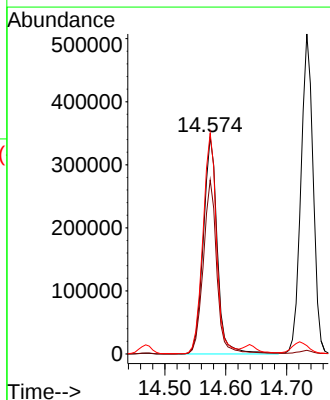
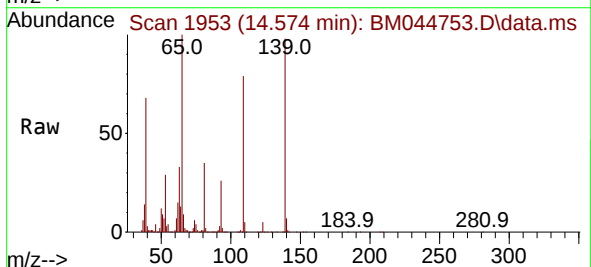
Manual Integrations
APPROVED

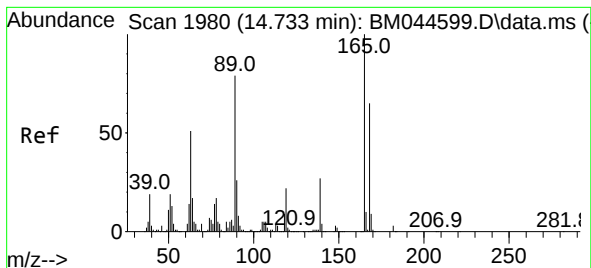
Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024



#56
4-Nitrophenol
Concen: 82.824 ng
RT: 14.574 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

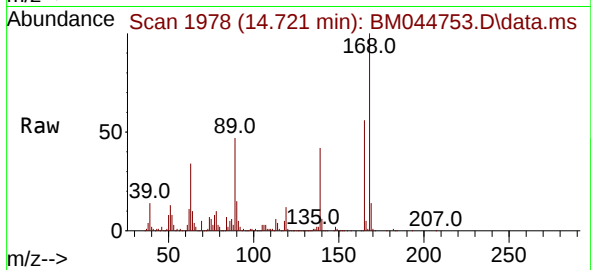
Tgt Ion:139 Resp: 547988
Ion Ratio Lower Upper
139 100
109 80.1 48.0 88.0
65 101.6 83.5 123.5





#57
2,4-Dinitrotoluene
Concen: 45.295 ng
RT: 14.721 min Scan# 1980
Delta R.T. -0.012 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

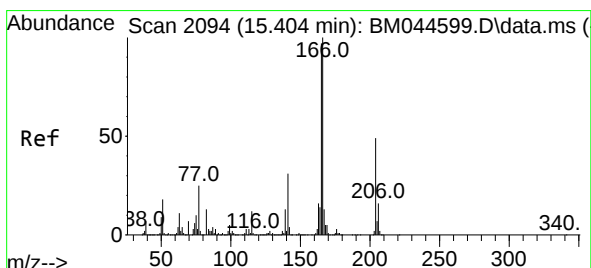
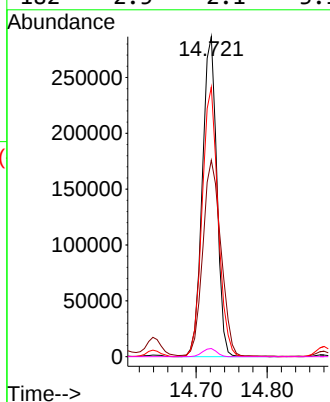
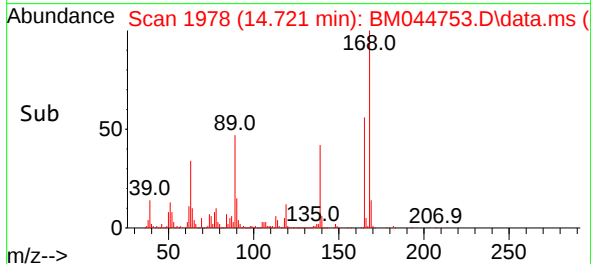
Instrument :
BNA_M
ClientSampleId :
PB159758BS



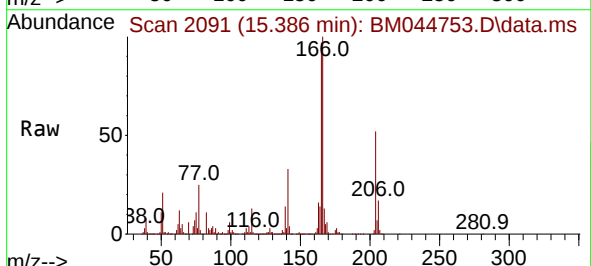
Tgt Ion:165 Resp: 407179
Ion Ratio Lower Upper
165 100
63 61.4 40.9 61.3
89 84.3 63.4 95.0
182 2.5 2.1 3.1

Manual Integrations
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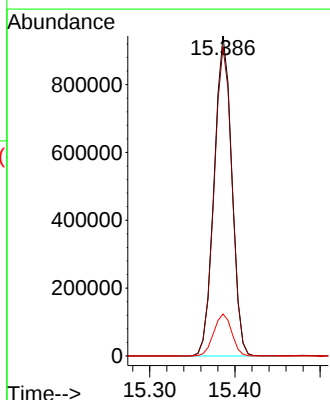
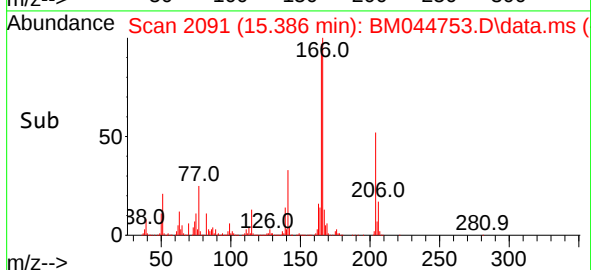
Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024

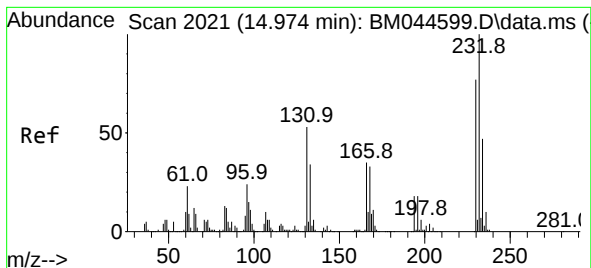


#58
Fluorene
Concen: 43.867 ng
RT: 15.386 min Scan# 2091
Delta R.T. -0.018 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27



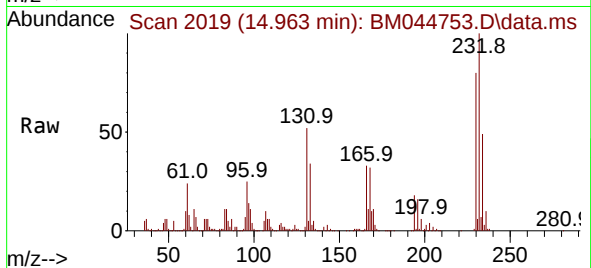
Tgt Ion:166 Resp: 1363877
Ion Ratio Lower Upper
166 100
165 96.5 77.7 116.5
167 13.1 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.138 ng
RT: 14.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

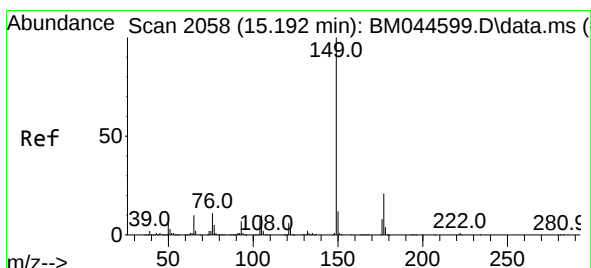
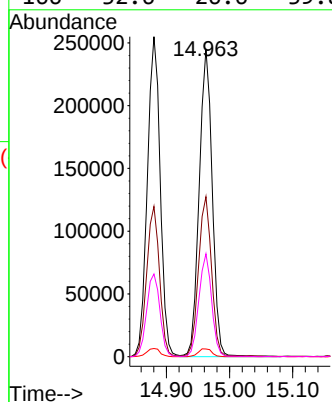
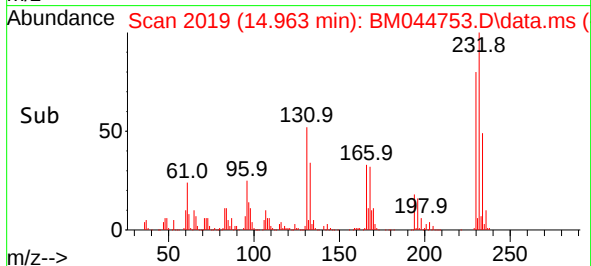
Instrument :
BNA_M
ClientSampleId :
PB159758BS



Tgt Ion:232 Resp: 351450
Ion Ratio Lower Upper
232 100
131 51.4 41.0 61.4
130 2.7 2.1 3.1
166 32.6 26.6 39.8

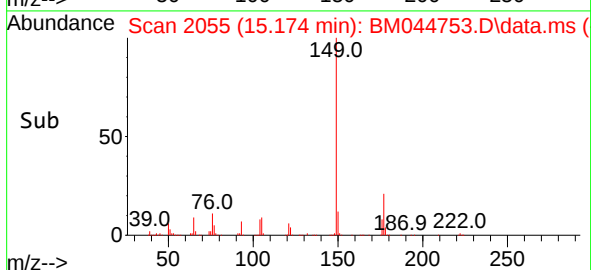
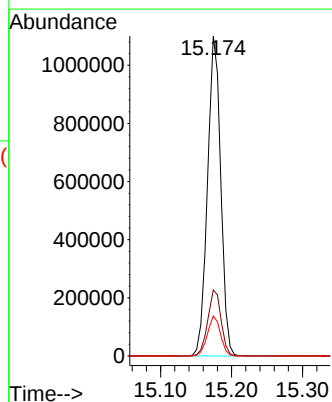
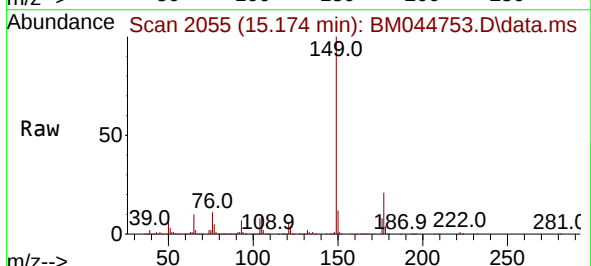
Manual Integrations
APPROVED

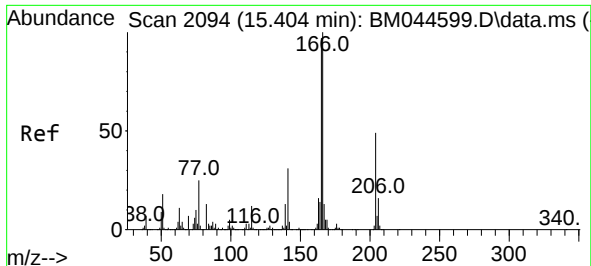
Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024



#60
Diethylphthalate
Concen: 42.666 ng
RT: 15.174 min Scan# 2055
Delta R.T. -0.018 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

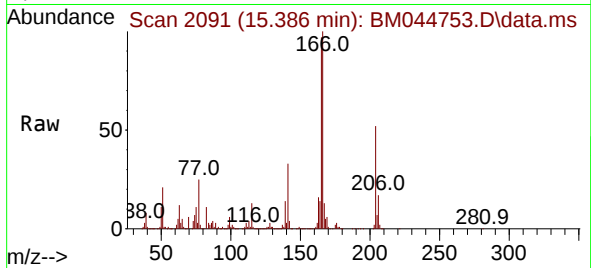
Tgt Ion:149 Resp: 1426935
Ion Ratio Lower Upper
149 100
177 20.6 16.8 25.2
150 12.5 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 43.425 ng
RT: 15.386 min Scan# 2094
Delta R.T. -0.018 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

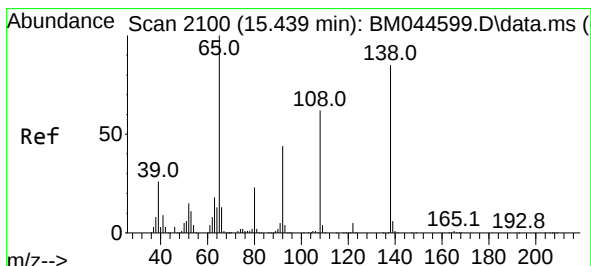
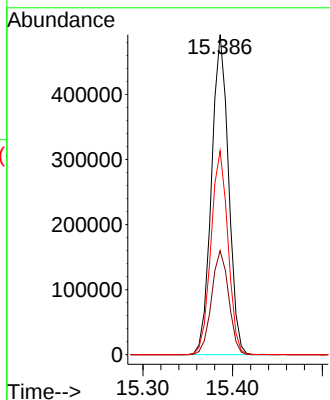
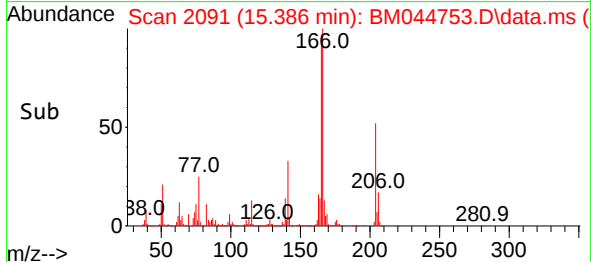
Instrument :
BNA_M
ClientSampleId :
PB159758BS



Tgt Ion:204 Resp: 648150
Ion Ratio Lower Upper
204 100
206 32.5 25.9 38.9
141 63.7 49.8 74.8

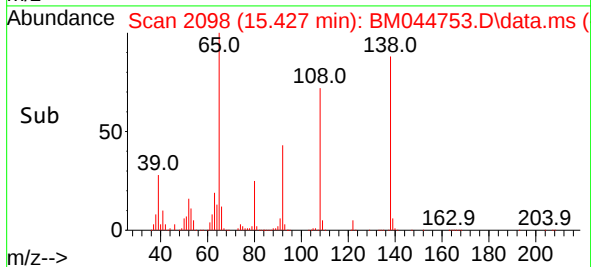
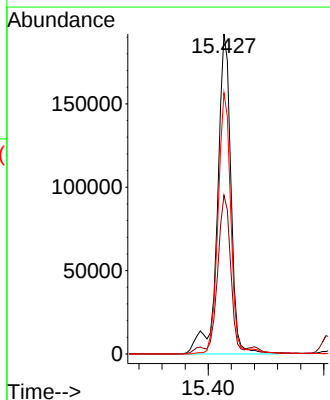
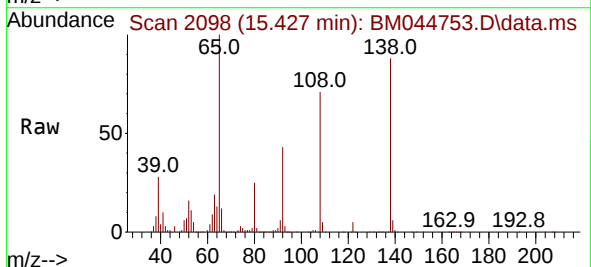
Manual Integrations
APPROVED

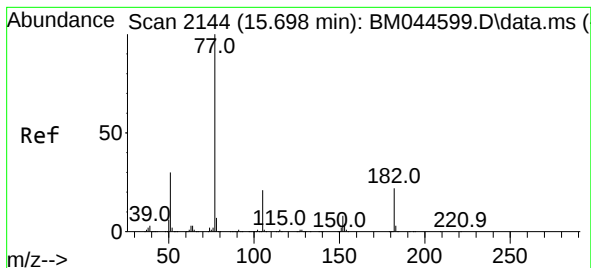
Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024



#62
4-Nitroaniline
Concen: 38.728 ng m
RT: 15.427 min Scan# 2098
Delta R.T. -0.012 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

Tgt Ion:138 Resp: 311652
Ion Ratio Lower Upper
138 100
92 49.6 31.9 71.9
108 81.6 53.7 93.7





#63

Azobenzene

Concen: 43.144 ng

RT: 15.680 min Scan# 2141

Delta R.T. -0.018 min

Lab File: BM044753.D

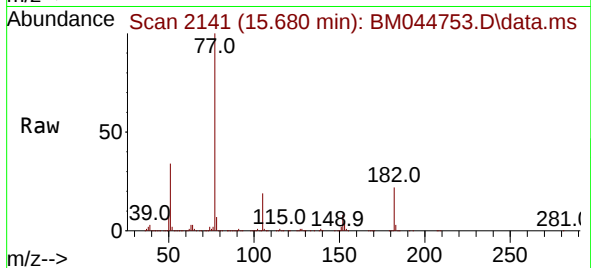
Acq: 25 Mar 2024 13:27

Instrument :

BNA_M

ClientSampleId :

PB159758BS



Tgt Ion: 77 Resp: 149153

Ion Ratio Lower Upper

77 100

182 21.5 1.8 41.8

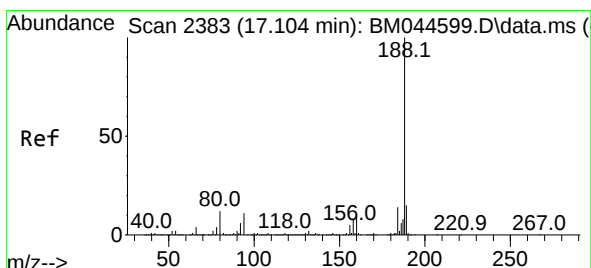
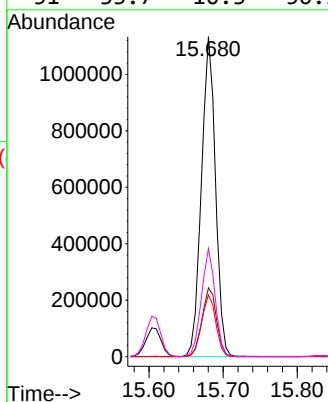
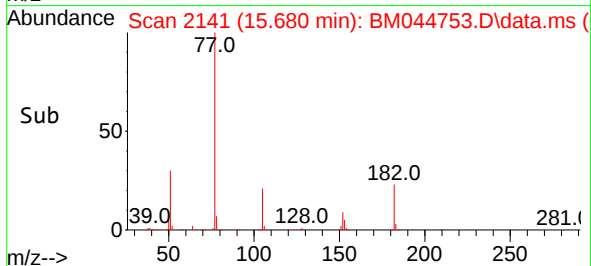
105 19.3 0.7 40.7

51 33.7 10.3 50.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.086 min Scan# 2380

Delta R.T. -0.018 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

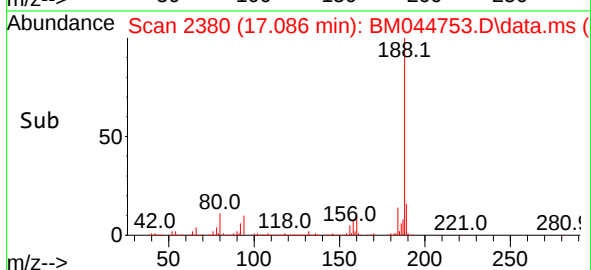
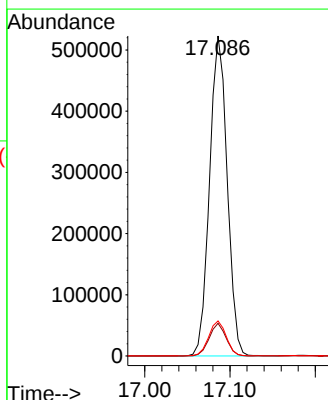
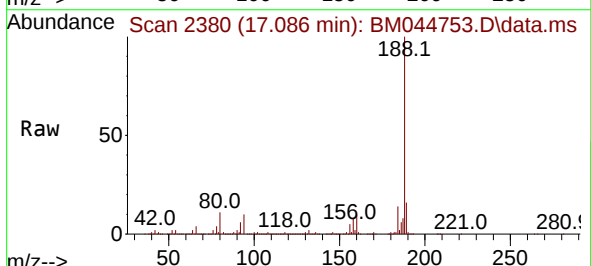
Tgt Ion:188 Resp: 751408

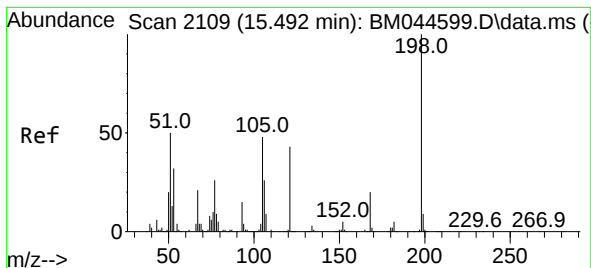
Ion Ratio Lower Upper

188 100

94 10.2 8.4 12.6

80 11.0 9.4 14.0





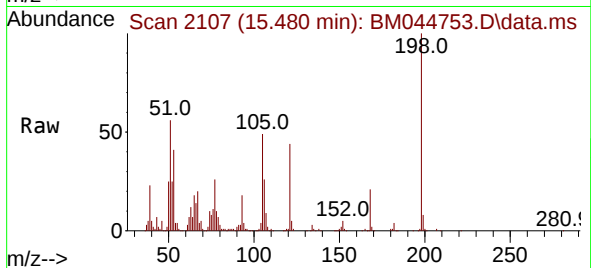
#65
4,6-Dinitro-2-methylphenol
Concen: 46.248 ng
RT: 15.480 min Scan# 2109
Delta R.T. -0.012 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

Instrument :

BNA_M

ClientSampleId :

PB159758BS

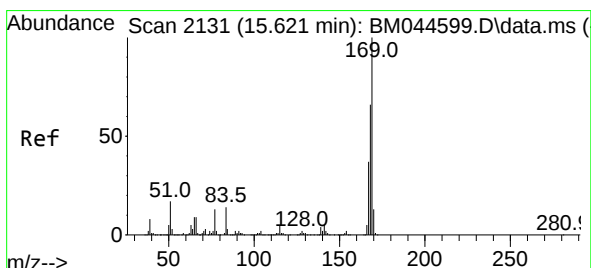
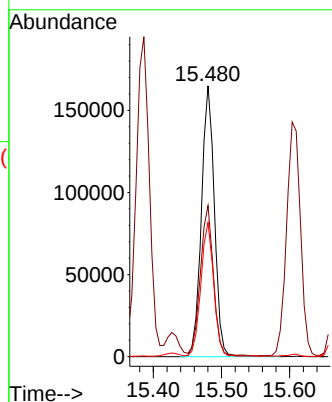
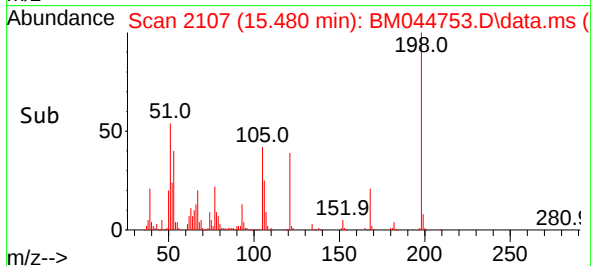


Tgt Ion:198 Resp: 217934
Ion Ratio Lower Upper
198 100
51 55.7 35.0 75.0
105 49.5 28.5 68.5

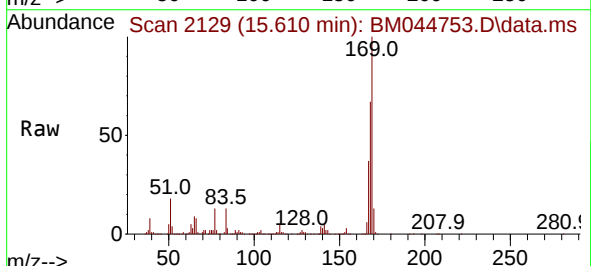
Manual Integrations

APPROVED

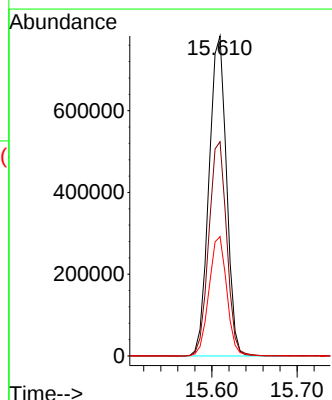
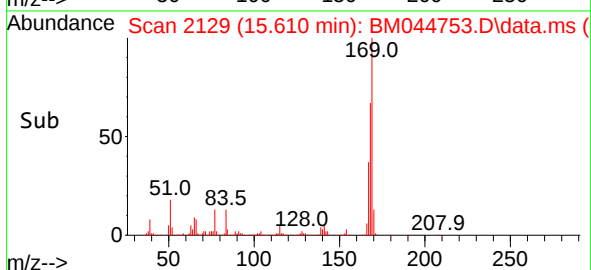
Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024

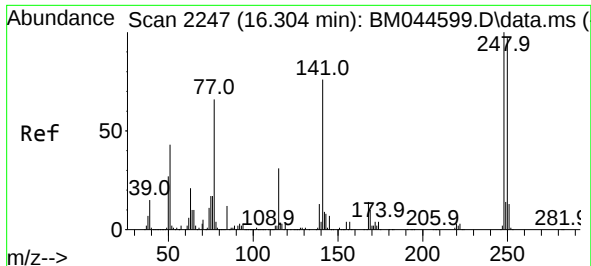


#66
n-Nitrosodiphenylamine
Concen: 47.660 ng
RT: 15.610 min Scan# 2129
Delta R.T. -0.011 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27



Tgt Ion:169 Resp: 1116123
Ion Ratio Lower Upper
169 100
168 66.9 53.1 79.7
167 37.3 29.5 44.3





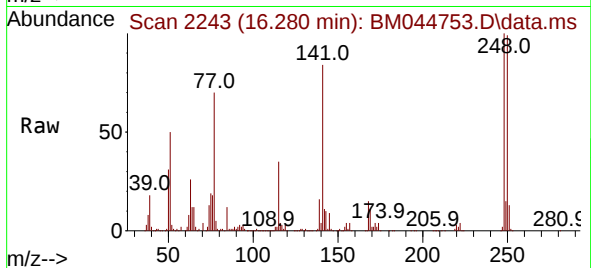
#67
4-Bromophenyl-phenylether
Concen: 48.726 ng
RT: 16.280 min Scan# 211
Delta R.T. -0.024 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

Instrument :

BNA_M

ClientSampleId :

PB159758BS

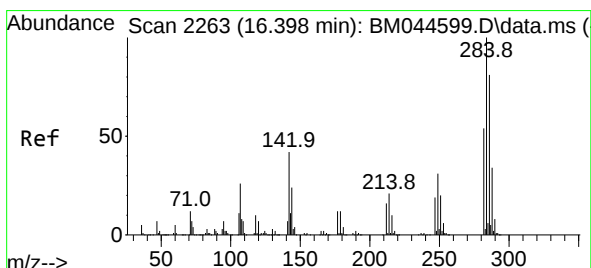
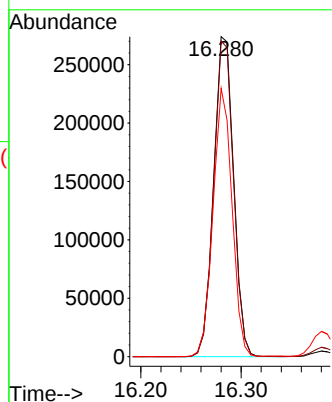
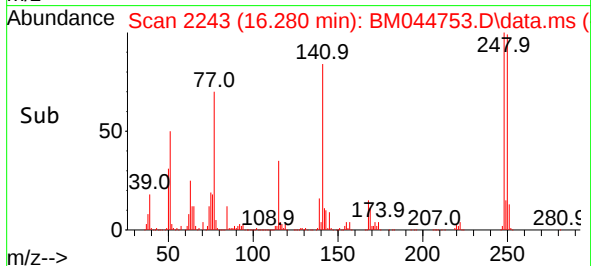


Tgt Ion:248 Resp: 378711
Ion Ratio Lower Upper
248 100
250 98.6 77.8 116.8
141 83.8 60.6 90.8

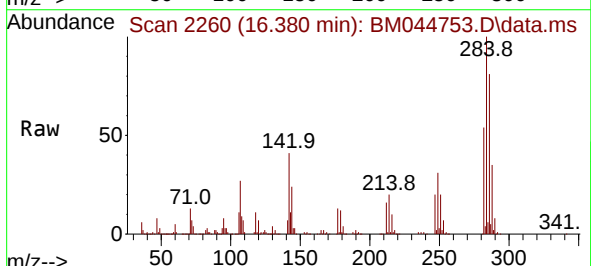
Manual Integrations

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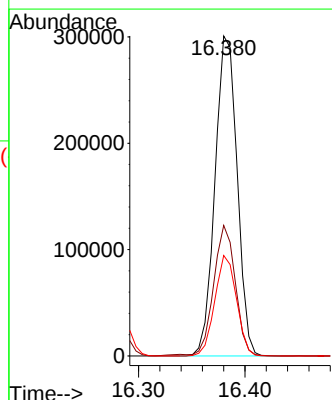
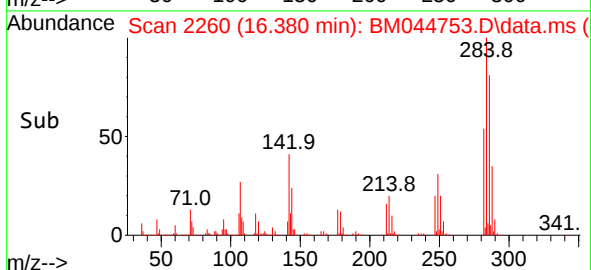
Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024

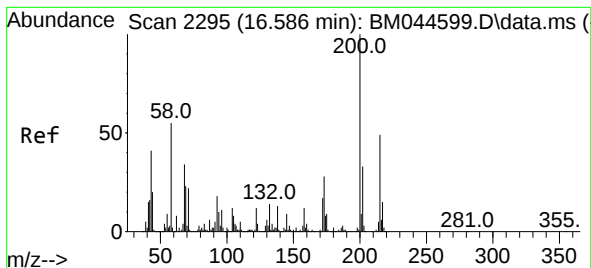


#68
Hexachlorobenzene
Concen: 52.508 ng
RT: 16.380 min Scan# 2260
Delta R.T. -0.018 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27



Tgt Ion:284 Resp: 433812
Ion Ratio Lower Upper
284 100
142 40.8 33.7 50.5
249 31.4 24.8 37.2





#69

Atrazine

Concen: 38.830 ng

RT: 16.568 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

Instrument :

BNA_M

ClientSampleId :

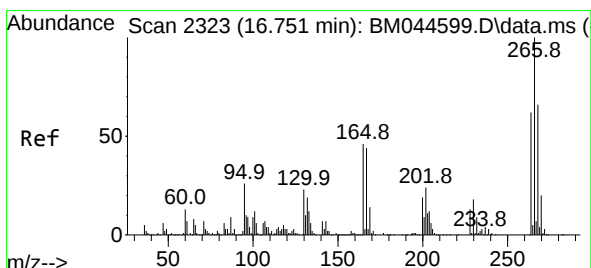
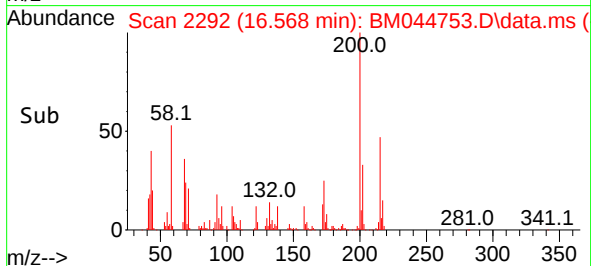
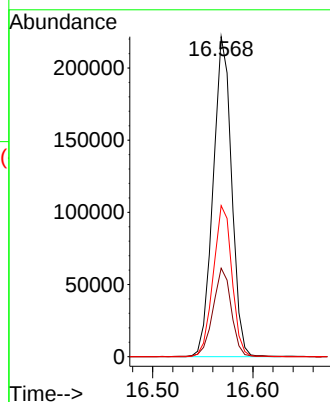
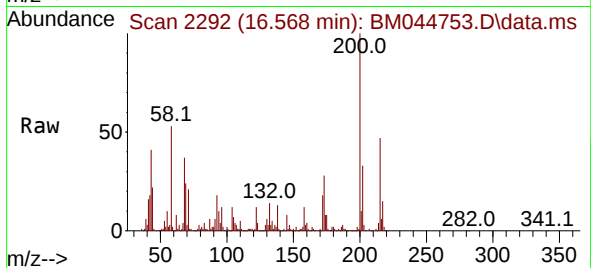
PB159758BS

Tgt Ion:	200	Resp:	28414
Ion Ratio	Lower	Upper	
200	100		
173	27.6	7.7	47.7
215	47.2	28.7	68.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024



#70

Pentachlorophenol

Concen: 92.346 ng

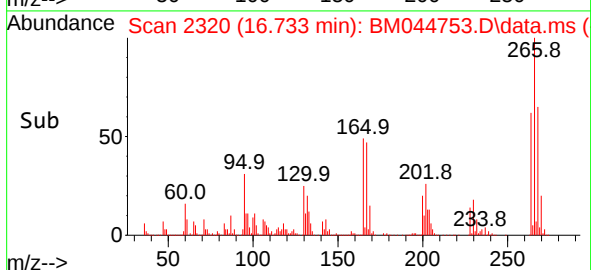
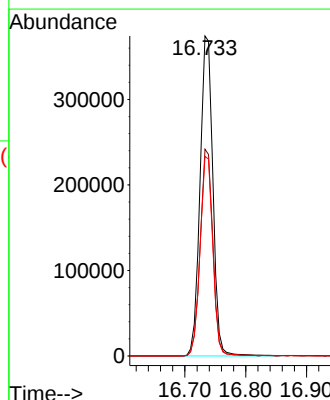
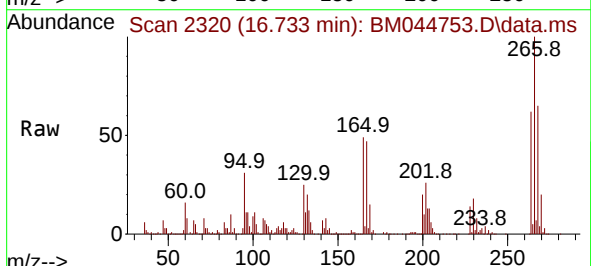
RT: 16.733 min Scan# 2320

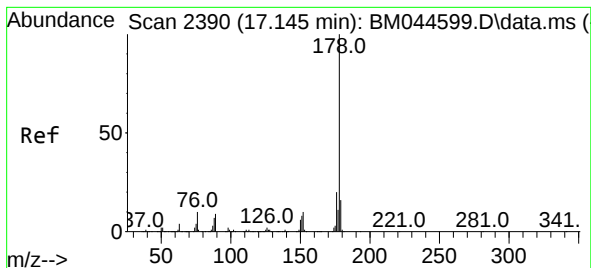
Delta R.T. -0.018 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

Tgt Ion:	266	Resp:	548801
Ion Ratio	Lower	Upper	
266	100		
268	64.6	52.4	78.6
264	62.4	49.8	74.8





#71

Phenanthrene

Concen: 45.442 ng

RT: 17.133 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

Instrument :

BNA_M

ClientSampleId :

PB159758BS

Tgt Ion:178 Resp: 1886940

Ion Ratio Lower Upper

178 100

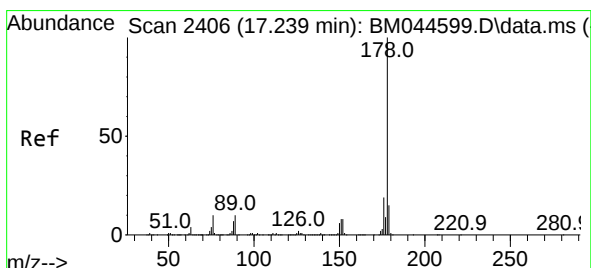
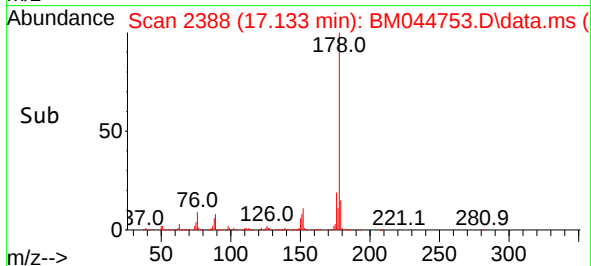
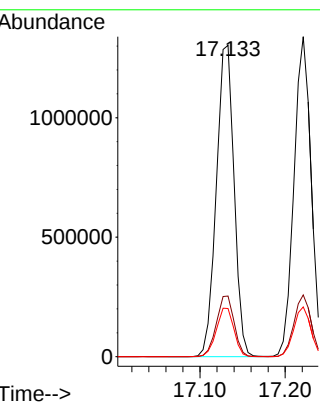
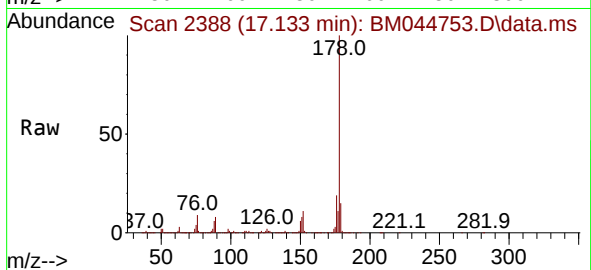
176 19.5 15.7 23.5

179 15.5 12.4 18.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024



#72

Anthracene

Concen: 45.003 ng

RT: 17.221 min Scan# 2403

Delta R.T. -0.018 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

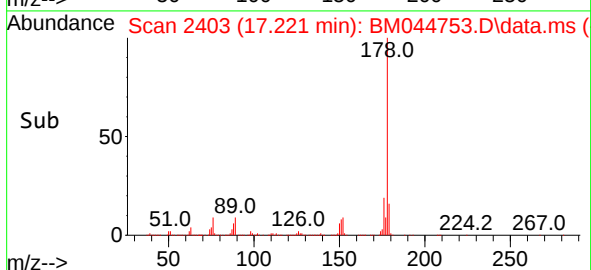
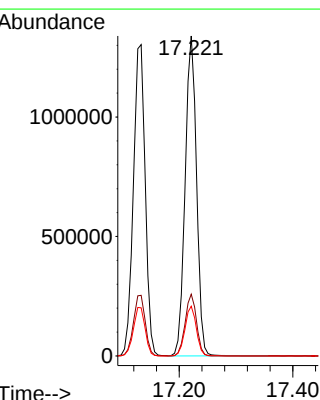
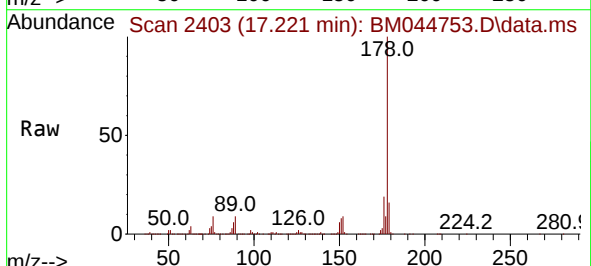
Tgt Ion:178 Resp: 1874247

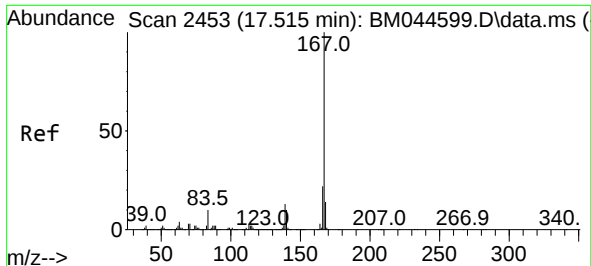
Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

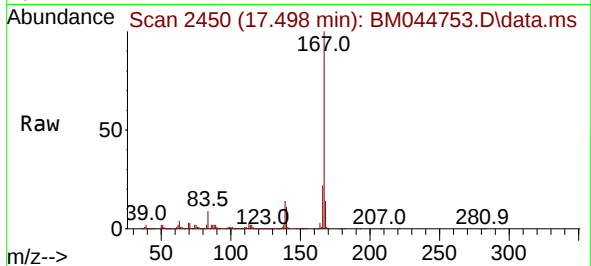
179 15.6 12.2 18.4





#73
 Carbazole
 Concen: 43.176 ng
 RT: 17.498 min Scan# 2453
 Delta R.T. -0.018 min
 Lab File: BM044753.D
 Acq: 25 Mar 2024 13:27

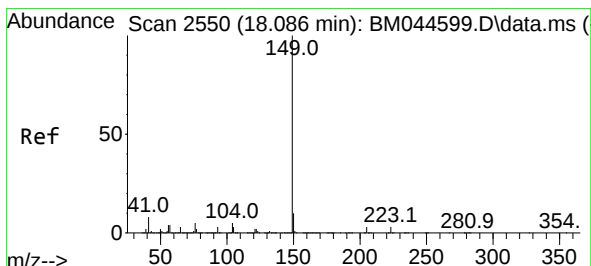
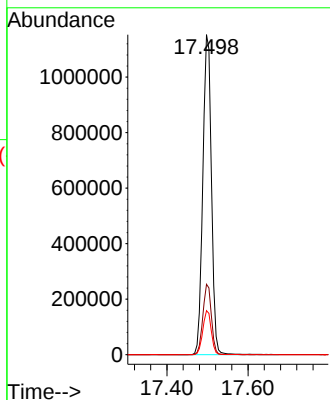
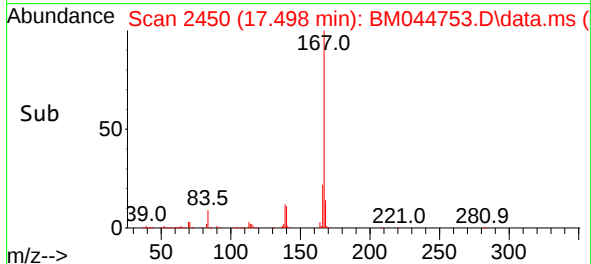
Instrument :
 BNA_M
 ClientSampleId :
 PB159758BS



Tgt Ion:167 Resp: 1693539
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.2 25.8
 139 13.8 10.6 15.8

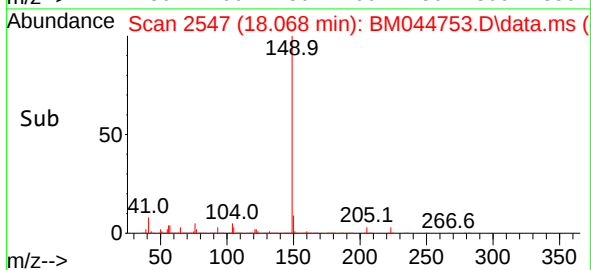
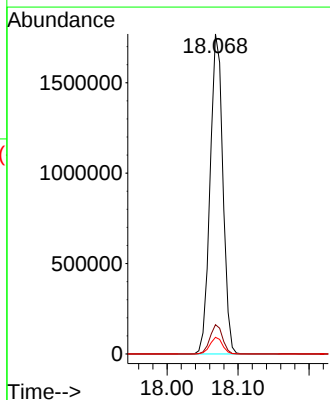
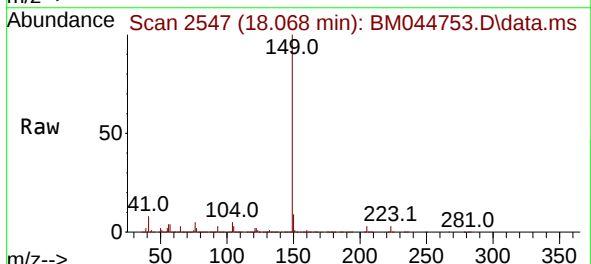
Manual Integrations
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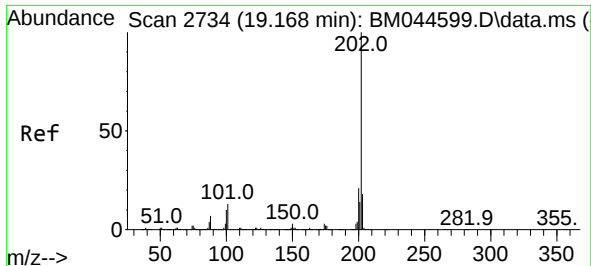
Reviewed By :Jagrut Upadhyay 03/26/2024
 Supervised By :mohammad ahmed 03/27/2024



#74
 Di-n-butylphthalate
 Concen: 43.757 ng
 RT: 18.068 min Scan# 2547
 Delta R.T. -0.018 min
 Lab File: BM044753.D
 Acq: 25 Mar 2024 13:27

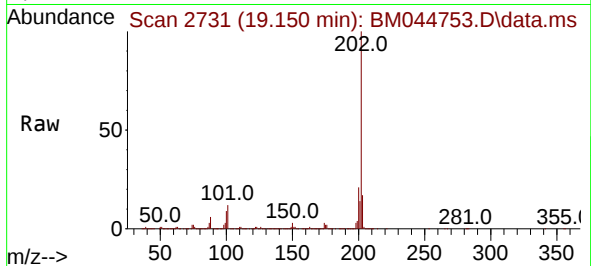
Tgt Ion:149 Resp: 2211585
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.6 11.4
 104 5.2 4.0 6.0





#75
Fluoranthene
Concen: 40.277 ng
RT: 19.150 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

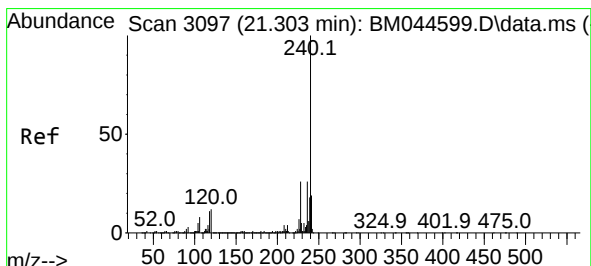
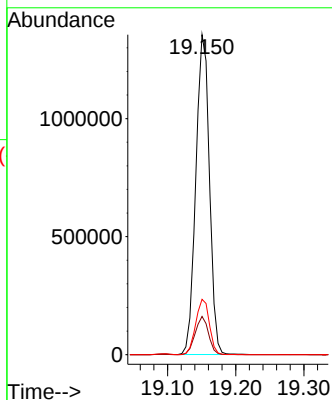
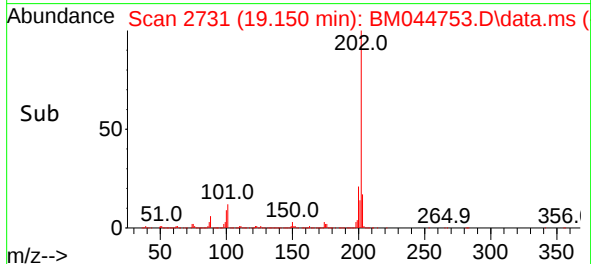
Instrument :
BNA_M
ClientSampleId :
PB159758BS



Tgt Ion:202 Resp: 1869594
Ion Ratio Lower Upper
202 100
101 12.0 0.0 33.3
203 17.3 0.0 37.7

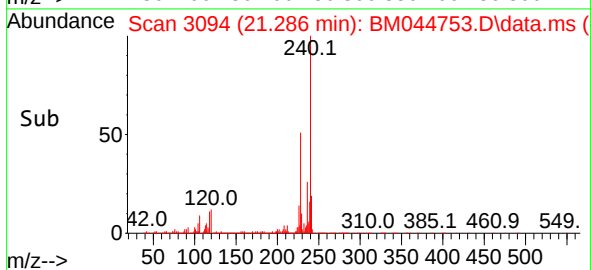
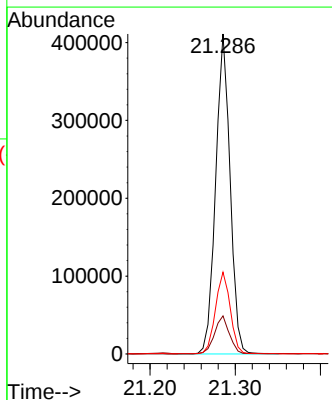
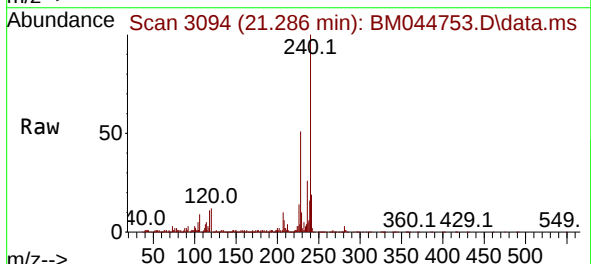
Manual Integrations
APPROVED

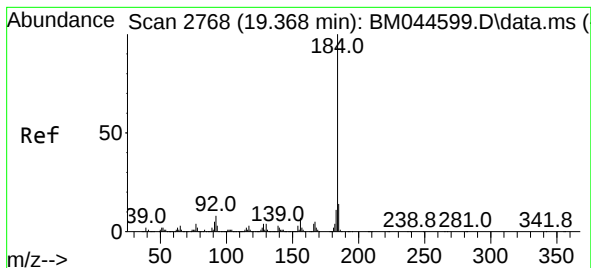
Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.286 min Scan# 3094
Delta R.T. -0.018 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

Tgt Ion:240 Resp: 485430
Ion Ratio Lower Upper
240 100
120 11.9 9.7 14.5
236 25.5 21.0 31.4





#77

Benzidine

Concen: 29.122 ng

RT: 19.350 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

Instrument :

BNA_M

ClientSampleId :

PB159758BS

Tgt Ion:184 Resp: 36536

Ion Ratio Lower Upper

184 100

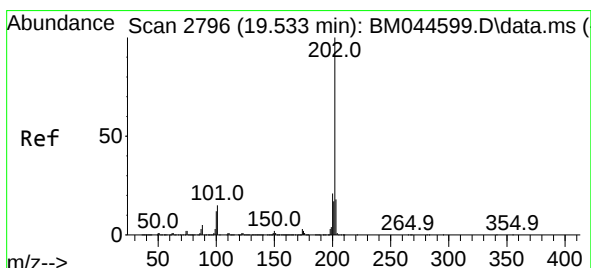
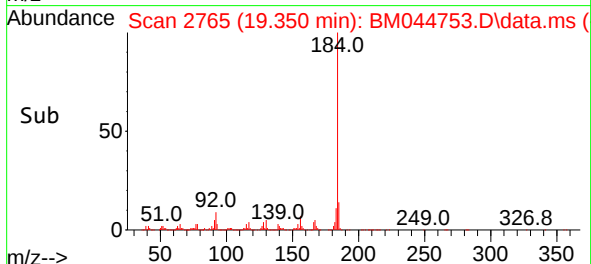
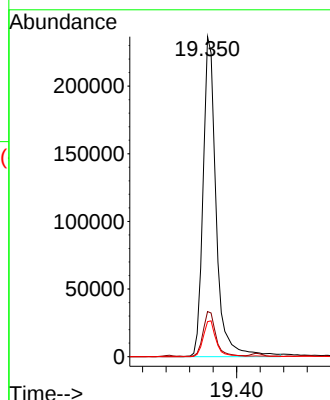
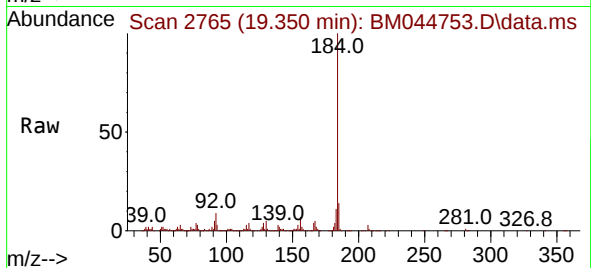
185 14.1 11.0 16.6

183 11.0 8.7 13.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024



#78

Pyrene

Concen: 53.303 ng

RT: 19.515 min Scan# 2793

Delta R.T. -0.018 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

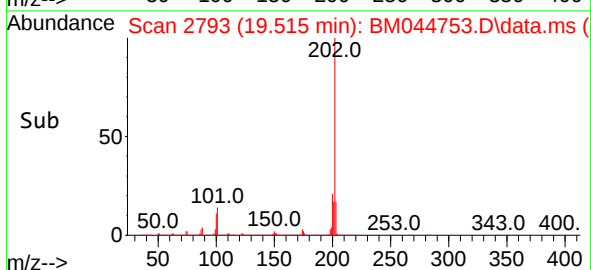
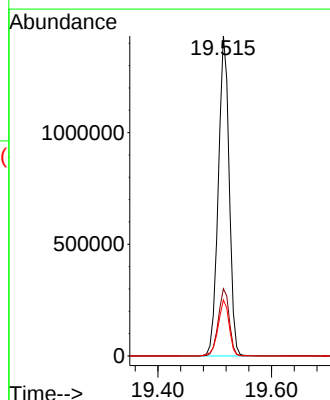
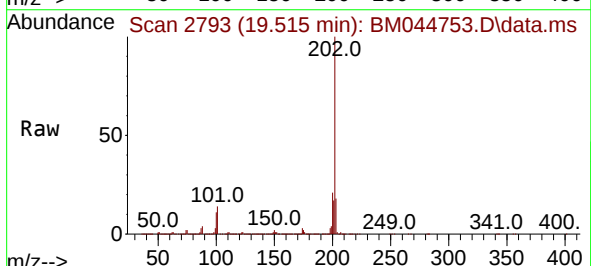
Tgt Ion:202 Resp: 1896424

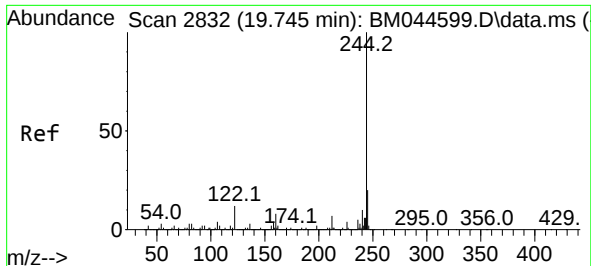
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

203 17.5 14.1 21.1





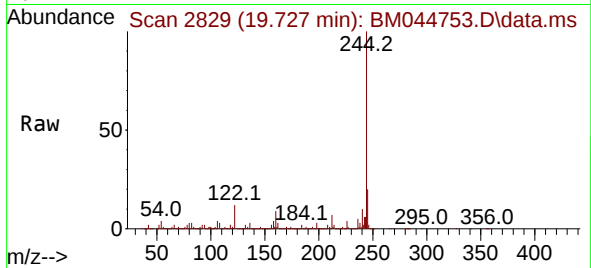
#79
 Terphenyl-d14
 Concen: 101.132 ng
 RT: 19.727 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BM044753.D
 Acq: 25 Mar 2024 13:27

Instrument :

BNA_M

ClientSampleId :

PB159758BS

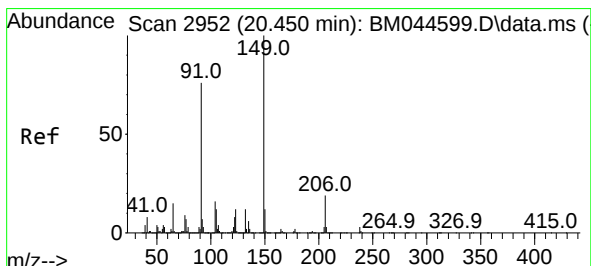
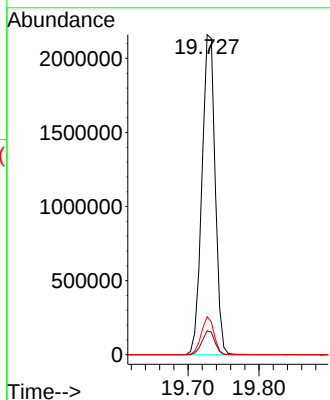
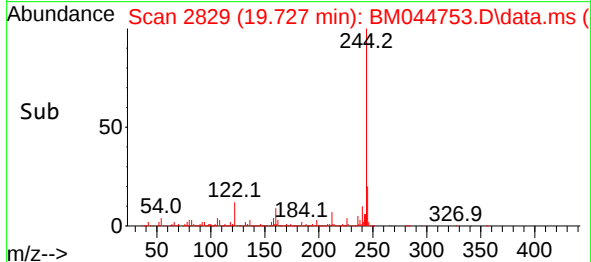


Tgt Ion:244 Resp: 2806330
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.5 8.3
 122 11.9 9.7 14.5

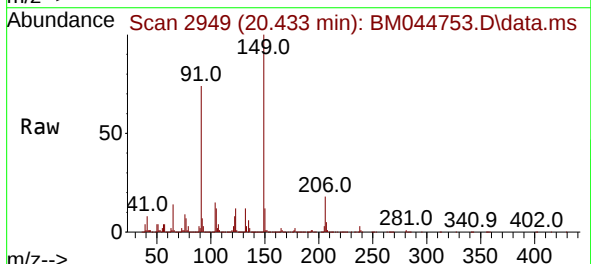
Manual Integrations

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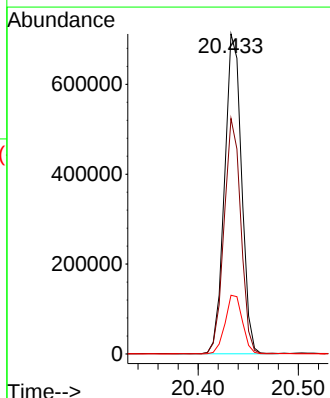
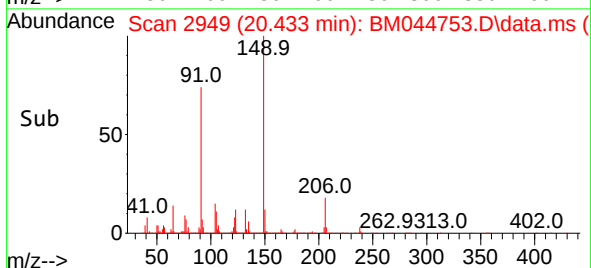
Reviewed By :Jagrut Upadhyay 03/26/2024
 Supervised By :mohammad ahmed 03/27/2024

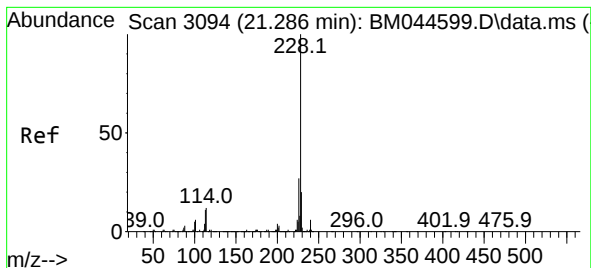


#80
 Butylbenzylphthalate
 Concen: 52.118 ng
 RT: 20.433 min Scan# 2949
 Delta R.T. -0.018 min
 Lab File: BM044753.D
 Acq: 25 Mar 2024 13:27



Tgt Ion:149 Resp: 835680
 Ion Ratio Lower Upper
 149 100
 91 73.6 61.0 91.6
 206 18.4 15.0 22.6





#81

Benzo(a)anthracene

Concen: 47.185 ng

RT: 21.268 min Scan# 3091

Delta R.T. -0.018 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

Instrument :

BNA_M

ClientSampleId :

PB159758BS

Tgt Ion:228 Resp: 1593744

Ion Ratio Lower Upper

228 100

226 27.6 21.9 32.9

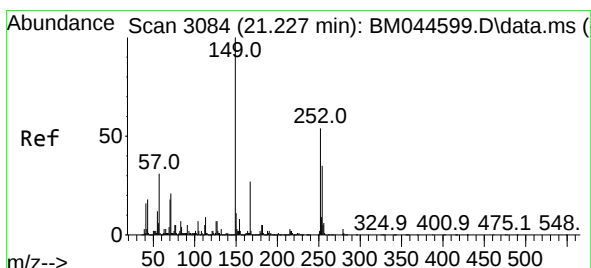
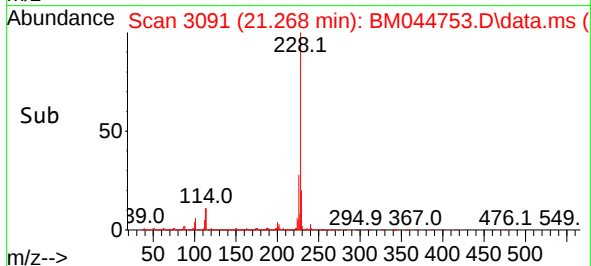
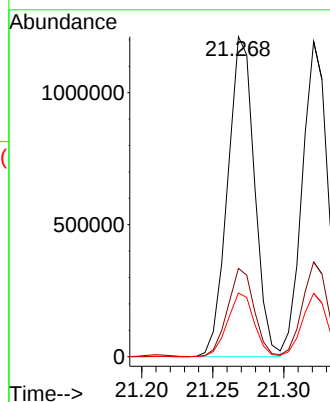
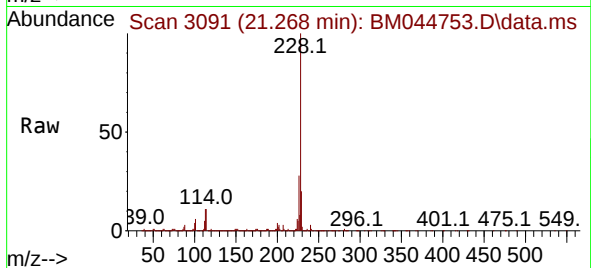
229 19.9 15.9 23.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/26/2024

Supervised By :mohammad ahmed 03/27/2024



#82

3,3'-Dichlorobenzidine

Concen: 43.447 ng

RT: 21.209 min Scan# 3081

Delta R.T. -0.018 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

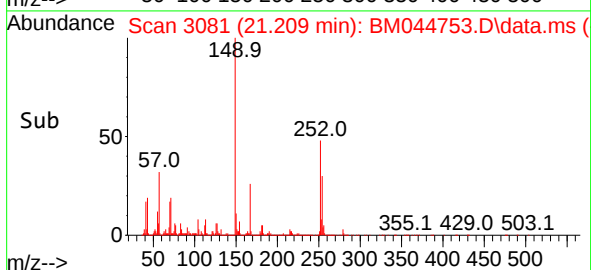
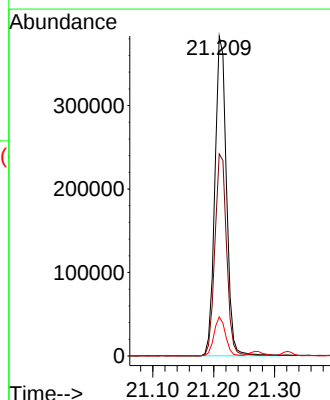
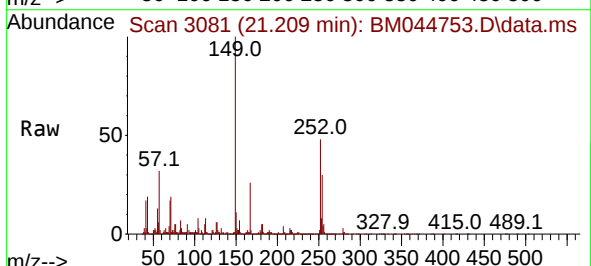
Tgt Ion:252 Resp: 505413

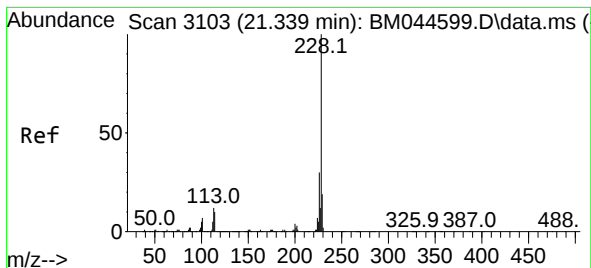
Ion Ratio Lower Upper

252 100

254 63.2 51.4 77.0

126 12.2 9.8 14.6





#83

Chrysene

Concen: 45.920 ng

RT: 21.321 min Scan# 3103

Delta R.T. -0.018 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

Instrument :

BNA_M

ClientSampleId :

PB159758BS

Tgt Ion:228 Resp: 148208

Ion Ratio Lower Upper

228 100

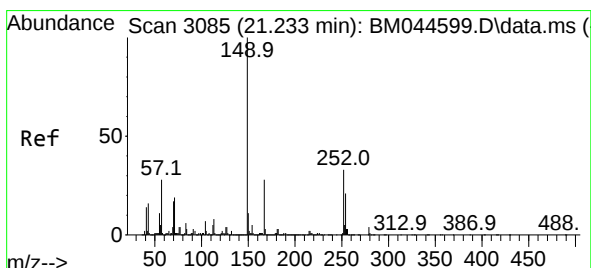
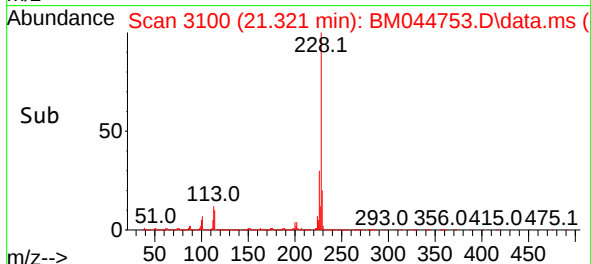
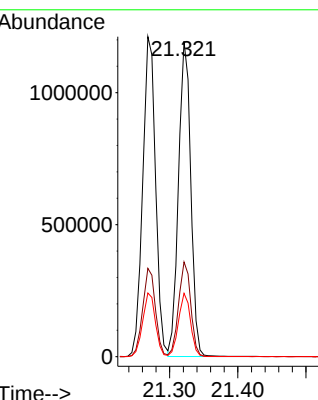
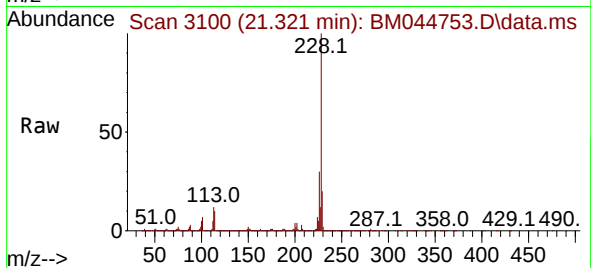
226 30.0 23.6 35.4

229 20.1 15.5 23.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.807 ng

RT: 21.215 min Scan# 3082

Delta R.T. -0.018 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

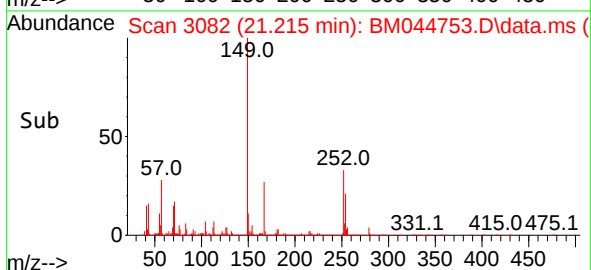
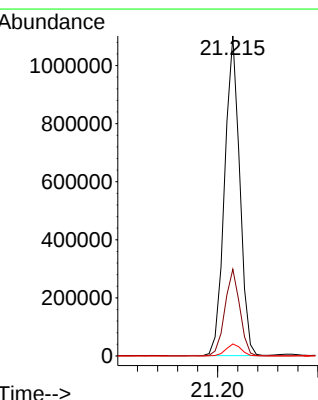
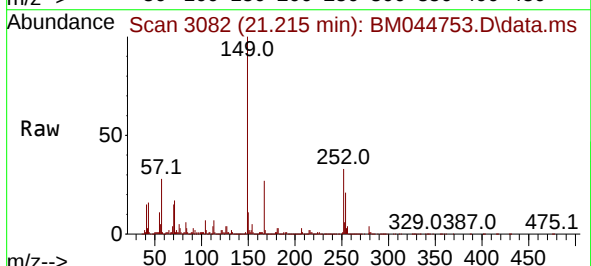
Tgt Ion:149 Resp: 1154858

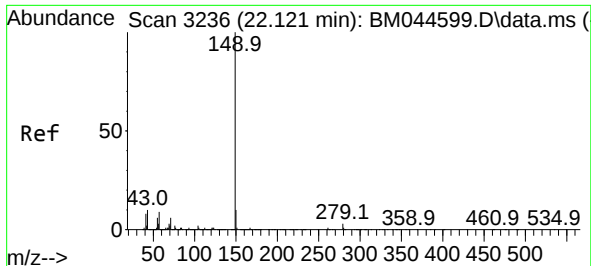
Ion Ratio Lower Upper

149 100

167 27.1 22.1 33.1

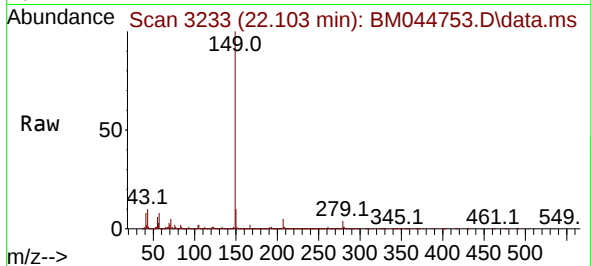
279 3.8 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 45.421 ng
RT: 22.103 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

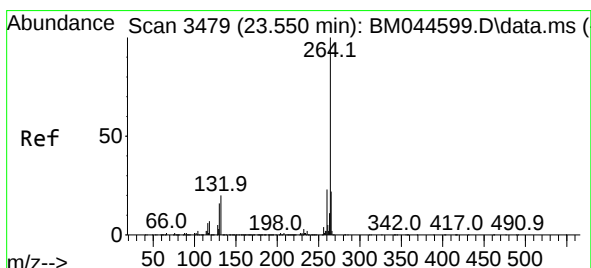
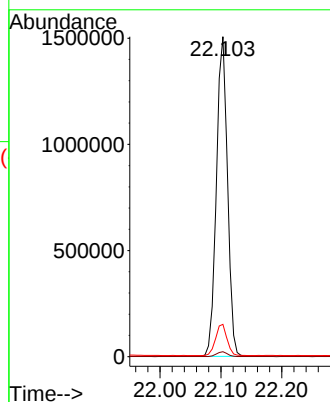
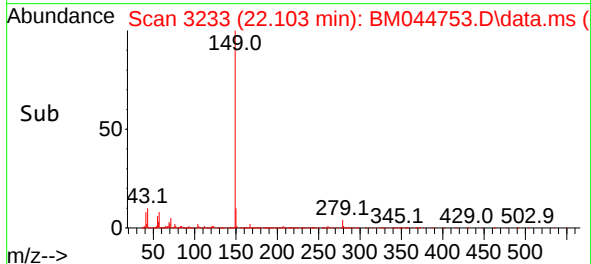
Instrument :
BNA_M
ClientSampleId :
PB159758BS



Tgt Ion:149 Resp: 190321
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.1 7.9 11.9

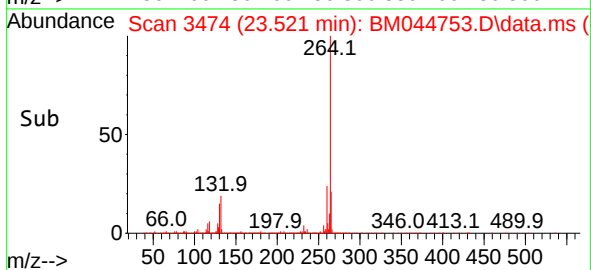
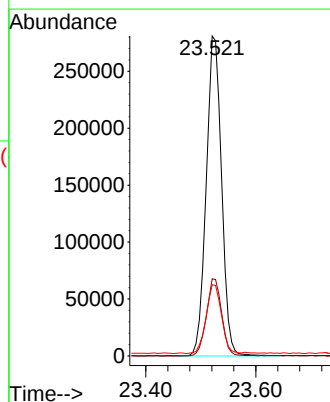
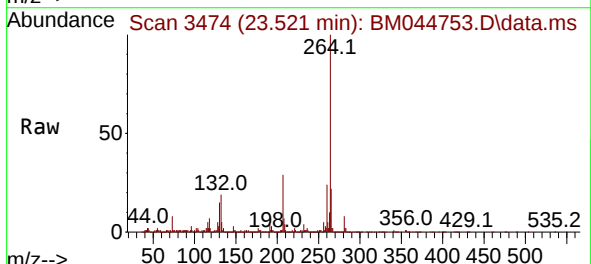
Manual Integrations
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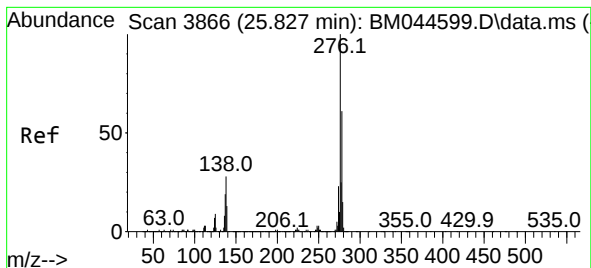
Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.521 min Scan# 3474
Delta R.T. -0.029 min
Lab File: BM044753.D
Acq: 25 Mar 2024 13:27

Tgt Ion:264 Resp: 545426
Ion Ratio Lower Upper
264 100
260 24.1 18.3 27.5
265 22.2 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 57.775 ng

RT: 25.791 min Scan# 3

Delta R.T. -0.035 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

Instrument :

BNA_M

ClientSampleId :

PB159758BS

Tgt Ion:276 Resp: 227804

Ion Ratio Lower Upper

276 100

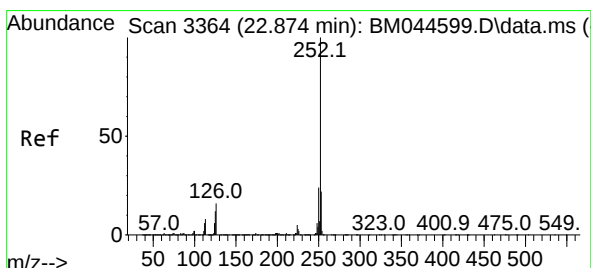
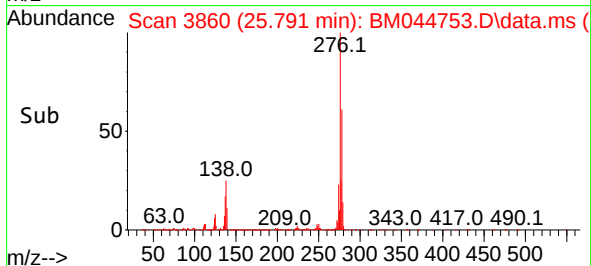
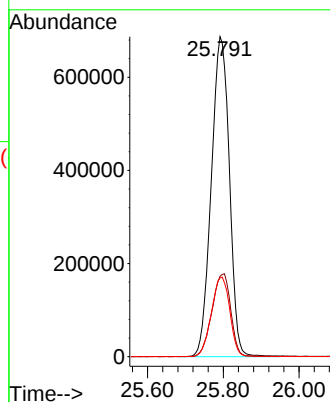
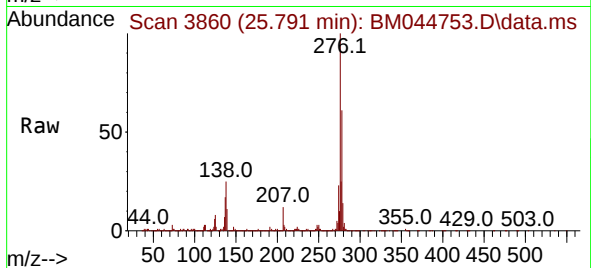
138 26.8 23.6 35.4

277 25.2 20.2 30.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024



#88

Benzo(b)fluoranthene

Concen: 49.637 ng

RT: 22.856 min Scan# 3361

Delta R.T. -0.018 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

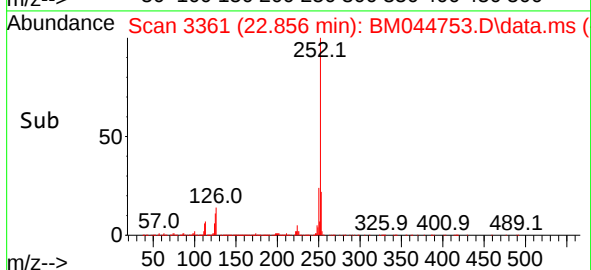
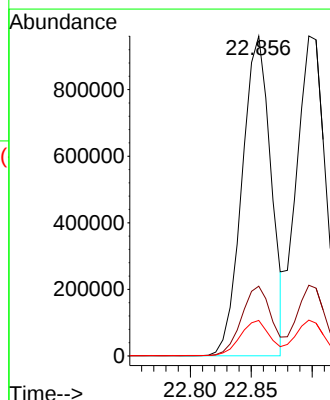
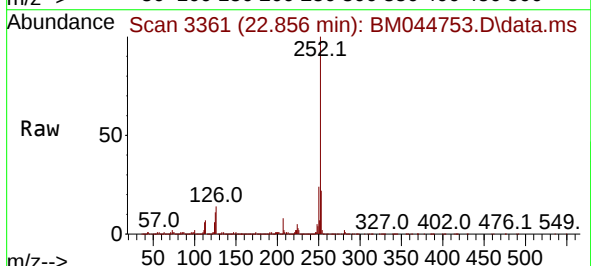
Tgt Ion:252 Resp: 1591036

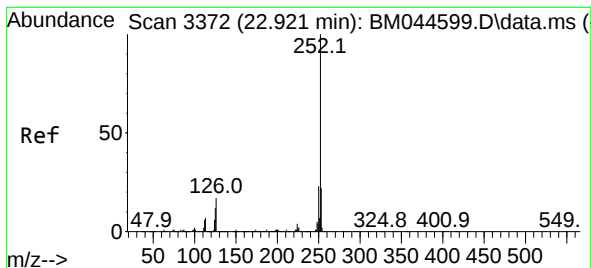
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

125 11.1 9.6 14.4





#89

Benzo(k)fluoranthene

Concen: 48.622 ng

RT: 22.897 min Scan# 31

Delta R.T. -0.024 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

Instrument :

BNA_M

ClientSampleId :

PB159758BS

Tgt Ion:252 Resp: 1602180

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

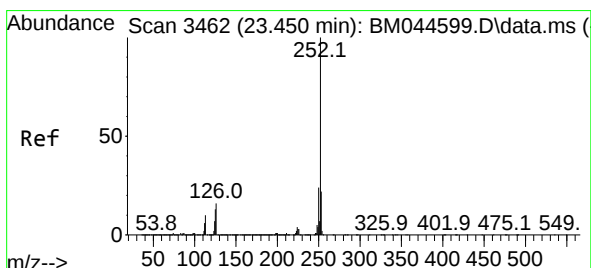
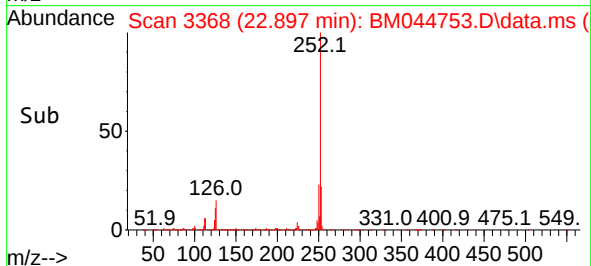
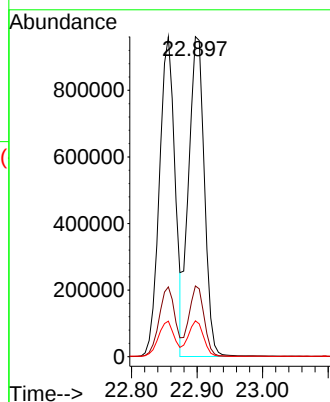
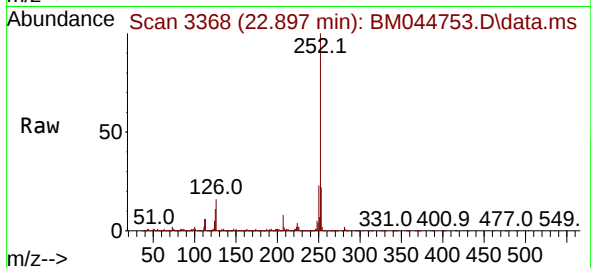
125 11.2 9.4 14.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/26/2024

Supervised By :mohammad ahmed 03/27/2024



#90

Benzo(a)pyrene

Concen: 49.075 ng

RT: 23.427 min Scan# 3458

Delta R.T. -0.024 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

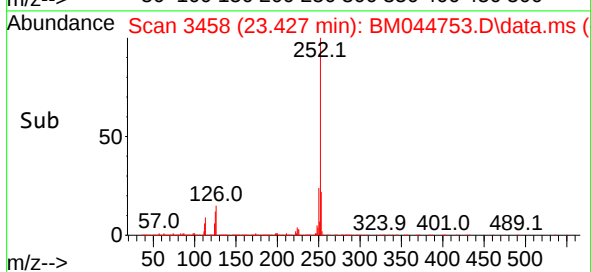
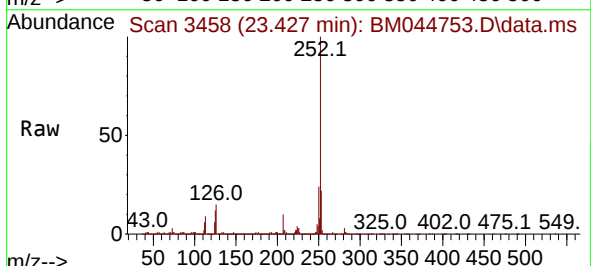
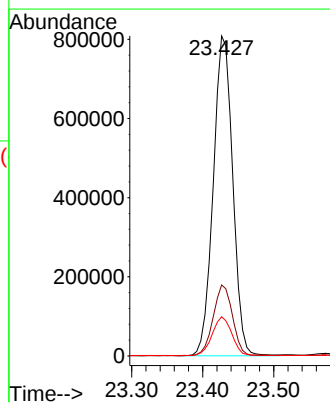
Tgt Ion:252 Resp: 1534264

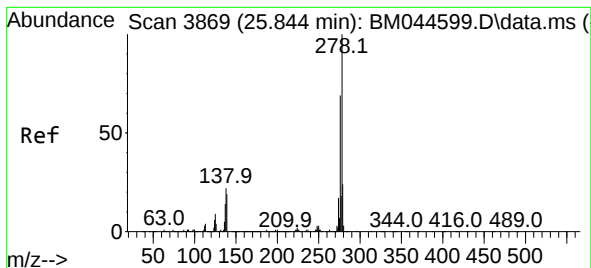
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 12.3 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 57.172 ng

RT: 25.809 min Scan# 3869

Delta R.T. -0.035 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

Instrument :

BNA_M

ClientSampleId :

PB159758BS

Tgt Ion:278 Resp: 190044

Ion Ratio Lower Upper

278 100

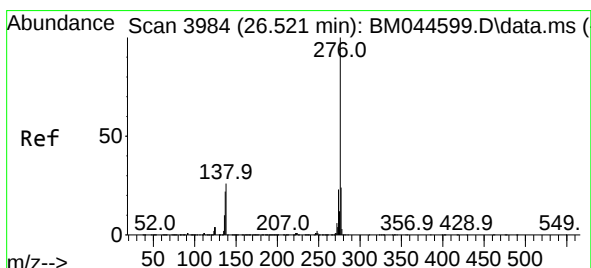
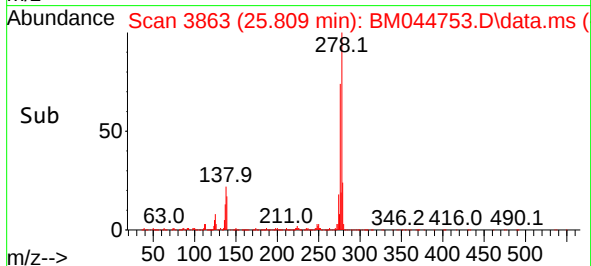
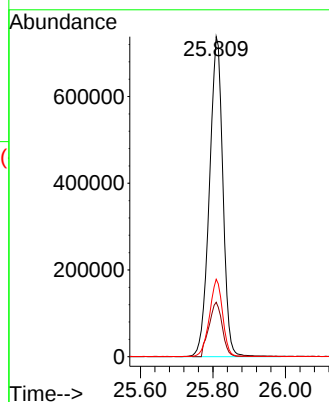
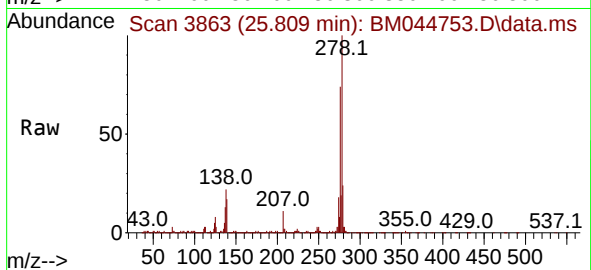
139 17.0 15.0 22.6

279 24.2 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024



#92

Benzo(g,h,i)perylene

Concen: 58.096 ng

RT: 26.485 min Scan# 3978

Delta R.T. -0.035 min

Lab File: BM044753.D

Acq: 25 Mar 2024 13:27

Tgt Ion:276 Resp: 1901007

Ion Ratio Lower Upper

276 100

277 23.9 19.3 28.9

138 22.5 20.7 31.1

