

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020223\
 Data File : BM038664.D
 Acq On : 02 Feb 2023 15:35
 Operator : CG/JU
 Sample : 01285-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-07-SB02MS

Quant Time: Feb 03 05:35:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 02 03:31:45 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 02/06/2023
 Supervised By : Jagrut Upadhyay 02/06/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	81774	20.000	ng	-0.01
21) Naphthalene-d8	10.739	136	268577	20.000	ng	-0.01
39) Acenaphthene-d10	14.568	164	169404	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	305912	20.000	ng	0.00
76) Chrysene-d12	21.491	240	216089	20.000	ng	0.00
86) Perylene-d12	23.885	264	291872	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	529775	126.909	ng	0.00
7) Phenol-d6	7.116	99	576555	121.097	ng	0.00
23) Nitrobenzene-d5	9.110	82	362676	76.701	ng	0.00
42) 2,4,6-Tribromophenol	16.062	330	282398	122.645	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	1090396	81.945	ng	0.00
79) Terphenyl-d14	19.927	244	1017896	83.126	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	69903	37.984	ng	94
3) Pyridine	3.757	79	167460	38.267	ng	96
4) n-Nitrosodimethylamine	3.675	42	79180	40.080	ng	88
6) Aniline	7.263	93	214986	36.199	ng	98
8) 2-Chlorophenol	7.498	128	221762	48.684	ng	96
9) Benzaldehyde	7.075	77	73084	34.827	ng	96
10) Phenol	7.145	94	225736	46.931	ng	97
11) bis(2-Chloroethyl)ether	7.357	93	175256	44.992	ng	96
12) 1,3-Dichlorobenzene	7.816	146	301714	51.842	ng	98
13) 1,4-Dichlorobenzene	7.969	146	302783	51.550	ng	99
14) 1,2-Dichlorobenzene	8.281	146	289624	51.471	ng	97
15) Benzyl Alcohol	8.186	79	160083m	45.682	ng	
16) 2,2'-oxybis(1-Chloropr...	8.457	45	150034	40.664	ng	94
17) 2-Methylphenol	8.398	107	156832	42.509	ng	98
18) Hexachloroethane	9.010	117	98922	52.150	ng	95
19) n-Nitroso-di-n-propyla...	8.751	70	126305	44.011	ng	94
20) 3+4-Methylphenols	8.728	107	205695	41.817	ng	98
22) Acetophenone	8.769	105	295708	46.168	ng	97
24) Nitrobenzene	9.151	77	208874	43.521	ng	95
25) Isophorone	9.675	82	347120	41.906	ng	95
26) 2-Nitrophenol	9.857	139	129775	48.594	ng	96
27) 2,4-Dimethylphenol	9.927	122	179064	46.472	ng	98
28) bis(2-Chloroethoxy)met...	10.157	93	218735	43.210	ng	99
29) 2,4-Dichlorophenol	10.404	162	249686	45.611	ng	100
30) 1,2,4-Trichlorobenzene	10.604	180	291722	50.097	ng	99
31) Naphthalene	10.792	128	646444	46.904	ng	99
32) Benzoic acid	10.086	122	109277	35.035	ng	99
33) 4-Chloroaniline	10.916	127	95577	15.824	ng	96
34) Hexachlorobutadiene	11.063	225	154771	53.058	ng	99
35) Caprolactam	11.721	113	42639	36.166	ng	92
36) 4-Chloro-3-methylphenol	12.051	107	168232	41.561	ng	99
37) 2-Methylnaphthalene	12.398	142	489025	43.908	ng	99
38) 1-Methylnaphthalene	12.616	142	445218	42.423	ng	97
40) 1,2,4,5-Tetrachloroben...	12.763	216	239034	54.218	ng	99
41) Hexachlorocyclopentadiene	12.733	237	307650	112.453	ng	98
43) 2,4,6-Trichlorophenol	13.016	196	169873	49.045	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.098	196	176175	43.224	ng	96
46) 1,1'-Biphenyl	13.410	154	677736	50.505	ng	100
47) 2-Chloronaphthalene	13.451	162	544526	51.568	ng	99
48) 2-Nitroaniline	13.668	65	92079	39.062	ng	100
49) Acenaphthylene	14.298	152	783440	47.105	ng	99
50) Dimethylphthalate	14.039	163	598945	43.326	ng	100
51) 2,6-Dinitrotoluene	14.163	165	124127	44.177	ng	97
52) Acenaphthene	14.633	154	464036	46.727	ng	98
53) 3-Nitroaniline	14.492	138	70077	24.651	ng	94
54) 2,4-Dinitrophenol	14.704	184	106924	58.465	ng	93
55) Dibenzofuran	14.968	168	766755	44.836	ng	99
56) 4-Nitrophenol	14.821	139	175193	77.744	ng	93
57) 2,4-Dinitrotoluene	14.951	165	166731	40.480	ng	91
58) Fluorene	15.615	166	604799	44.697	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.204	232	129086	45.504	ng	95
60) Diethylphthalate	15.392	149	557266	42.551	ng	100
61) 4-Chlorophenyl-phenyle...	15.609	204	265614	46.271	ng	98
62) 4-Nitroaniline	15.657	138	98662m	33.275	ng	
63) Azobenzene	15.904	77	409338	40.625	ng	96
65) 4,6-Dinitro-2-methylph...	15.709	198	72508	37.651	ng	95
66) n-Nitrosodiphenylamine	15.827	169	484762	48.532	ng	99
67) 4-Bromophenyl-phenylether	16.504	248	152769	51.720	ng	99
68) Hexachlorobenzene	16.615	284	194596	53.906	ng	99
69) Atrazine	16.780	200	147211	50.850	ng	98
70) Pentachlorophenol	16.968	266	215375	81.844	ng	98
71) Phenanthrene	17.356	178	849378	46.761	ng	98
72) Anthracene	17.445	178	864481	46.522	ng	99
73) Carbazole	17.727	167	753559	43.482	ng	99
74) Di-n-butylphthalate	18.274	149	912829	46.621	ng	100
75) Fluoranthene	19.368	202	812729	42.615	ng	99
77) Benzidine	19.562	184	317795	48.889	ng	98
78) Pyrene	19.733	202	845772	50.837	ng	100
80) Butylbenzylphthalate	20.621	149	379814	45.945	ng	96
81) Benzo(a)anthracene	21.474	228	725518	47.465	ng	99
82) 3,3'-Dichlorobenzidine	21.409	252	233806	44.461	ng	98
83) Chrysene	21.527	228	680648	46.216	ng	99
84) Bis(2-ethylhexyl)phtha...	21.391	149	550028	45.712	ng	# 96
85) Di-n-octyl phthalate	22.309	149	944342	48.223	ng	99
87) Indeno(1,2,3-cd)pyrene	26.391	276	1254956	54.588	ng	98
88) Benzo(b)fluoranthene	23.156	252	846563	48.425	ng	98
89) Benzo(k)fluoranthene	23.203	252	843676	47.525	ng	99
90) Benzo(a)pyrene	23.785	252	769341	44.501	ng	99
91) Dibenzo(a,h)anthracene	26.397	278	1055058	54.548	ng	98
92) Benzo(g,h,i)perylene	27.162	276	1027641	52.560	ng	97

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

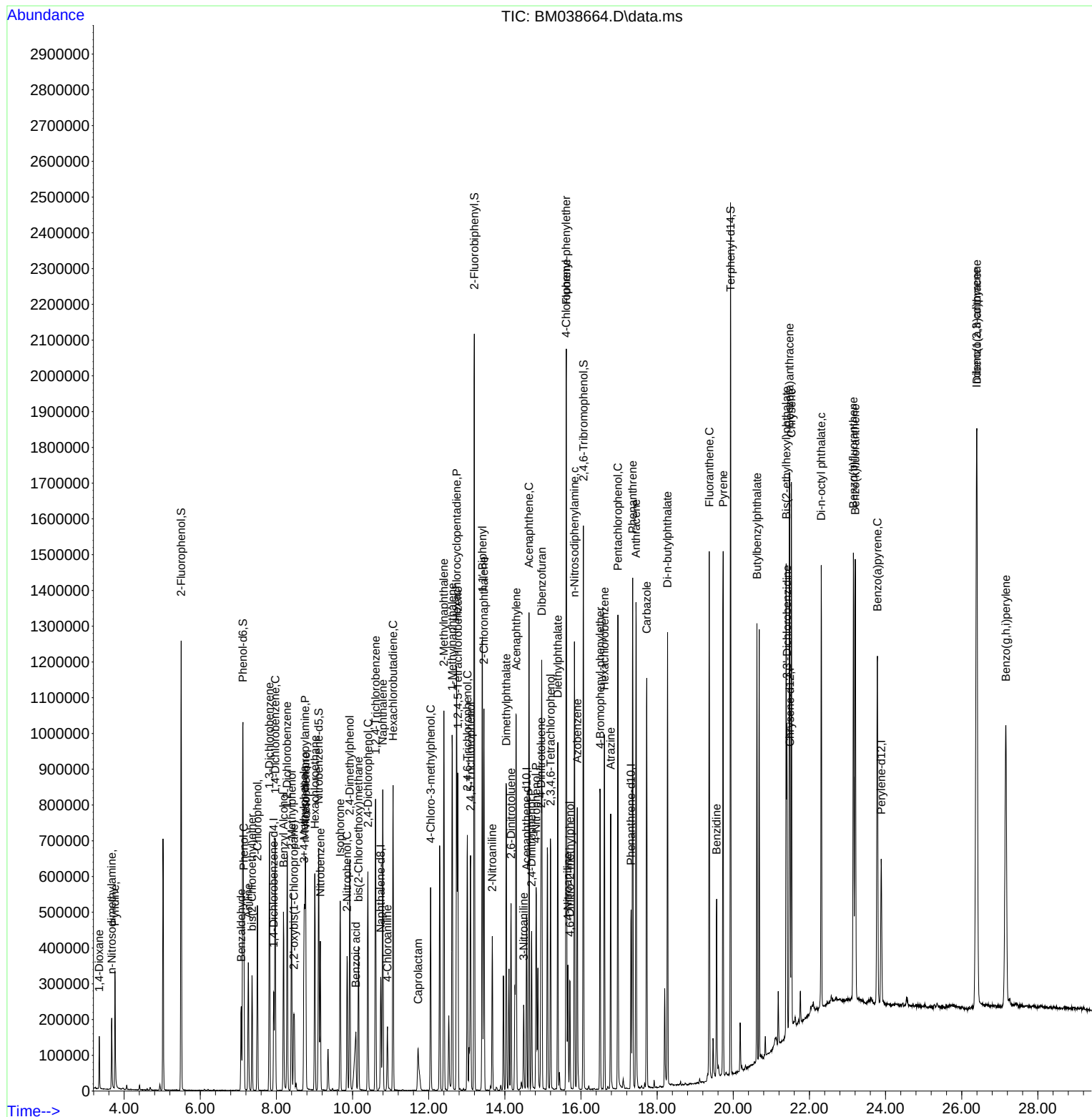
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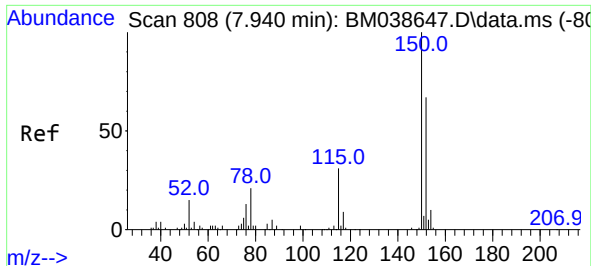
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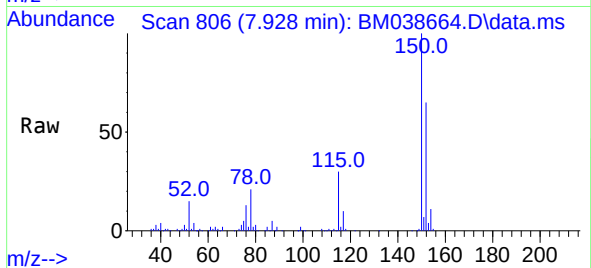
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 80
Delta R.T. -0.012 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

B-07-SB02MS

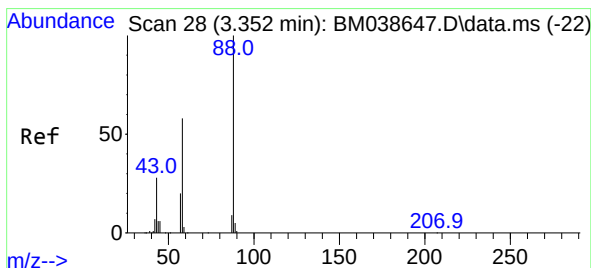
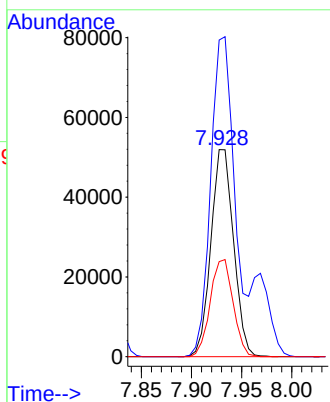
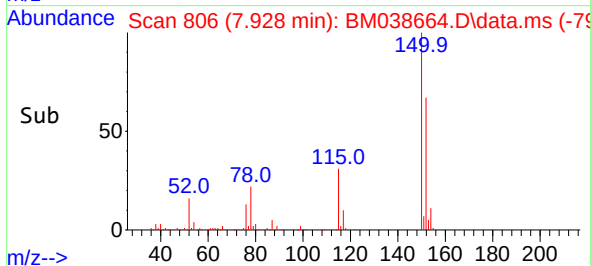


Tgt Ion:152 Resp: 81774
Ion Ratio Lower Upper
152 100
150 153.0 119.5 179.3
115 45.9 37.6 56.4

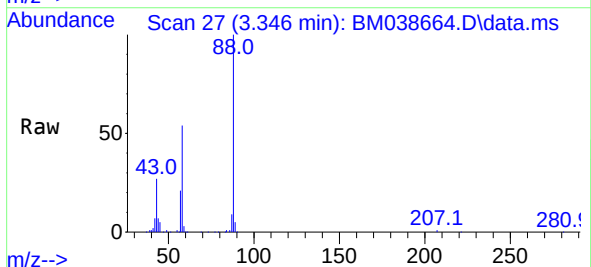
Manual Integrations

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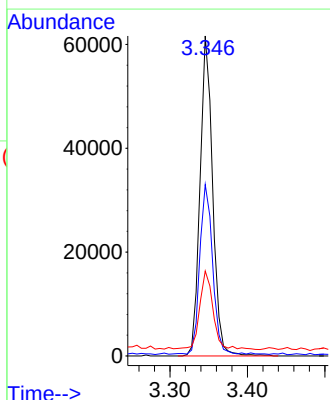
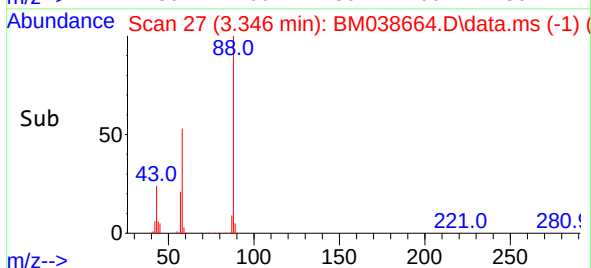
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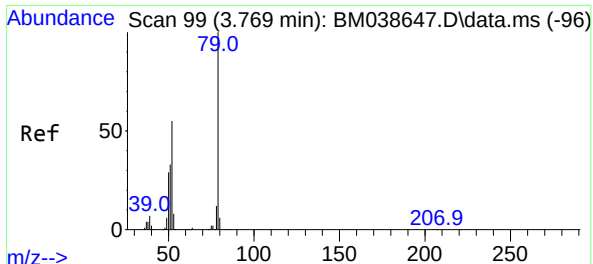


#2
1,4-Dioxane
Concen: 37.984 ng
RT: 3.346 min Scan# 27
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35



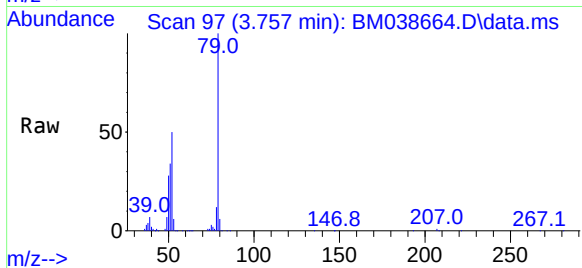
Tgt Ion: 88 Resp: 69903
Ion Ratio Lower Upper
88 100
58 53.2 47.0 70.4
43 25.9 22.6 33.8





#3
 Pyridine
 Concen: 38.267 ng
 RT: 3.757 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: BM038664.D
 Acq: 02 Feb 2023 15:35

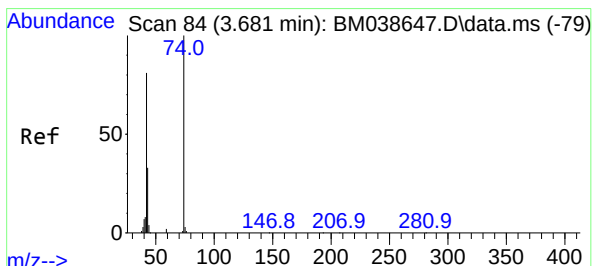
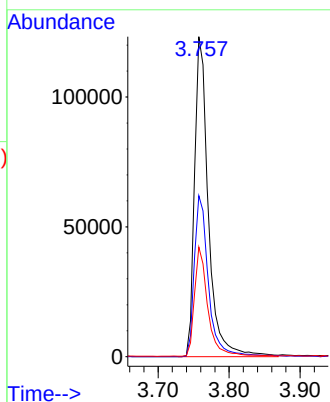
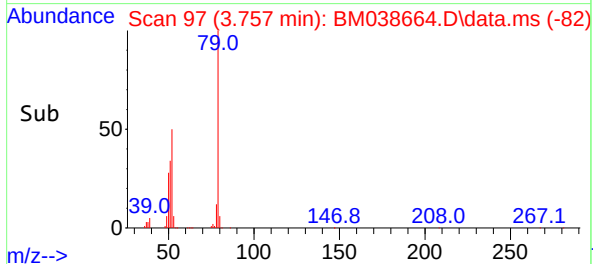
Instrument :
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 ClientSampleId :
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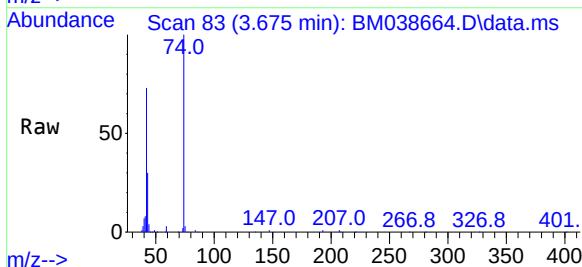
Tgt Ion: 79 Resp: 167460
 Ion Ratio Lower Upper
 79 100
 52 50.3 43.7 65.5
 51 34.3 26.6 40.0

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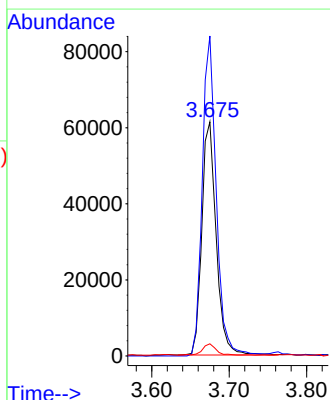
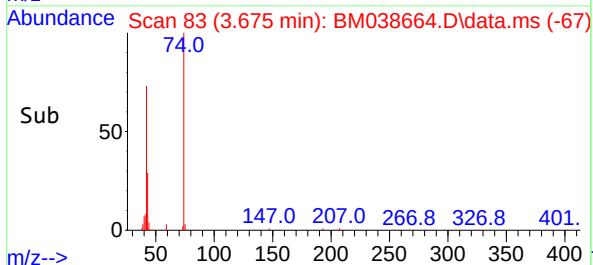
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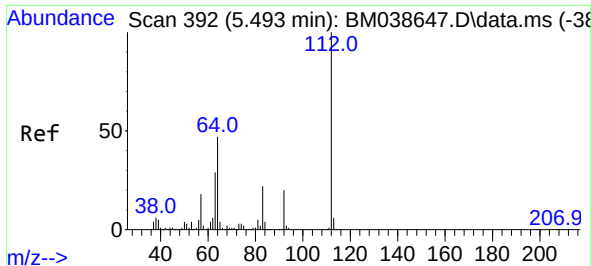


#4
 n-Nitrosodimethylamine
 Concen: 40.080 ng
 RT: 3.675 min Scan# 83
 Delta R.T. -0.006 min
 Lab File: BM038664.D
 Acq: 02 Feb 2023 15:35



Tgt Ion: 42 Resp: 79180
 Ion Ratio Lower Upper
 42 100
 74 136.7 98.4 147.6
 44 5.2 3.5 5.3





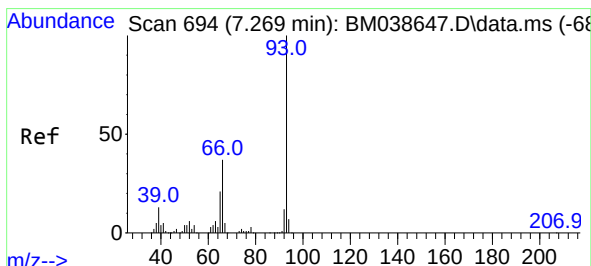
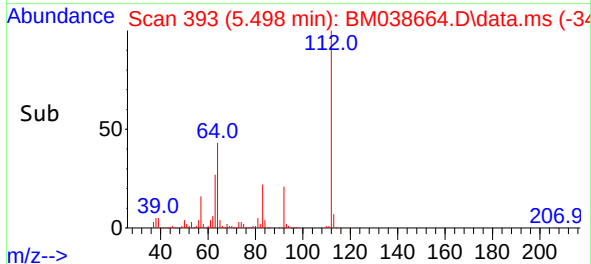
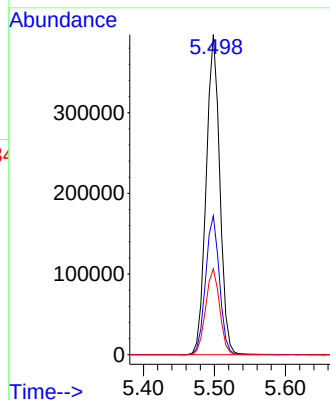
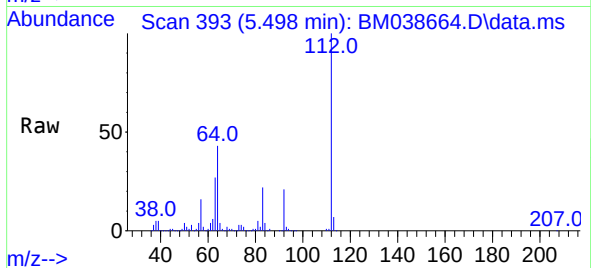
#5
2-Fluorophenol
Concen: 126.909 ng
RT: 5.498 min Scan# 392
Delta R.T. 0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Instrument :
BNA_M
ClientSampleId :
B-07-SB02MS

Tgt Ion: 112 Resp: 529775
Ion Ratio Lower Upper
112 100
64 43.4 37.9 56.9
63 26.8 23.3 34.9

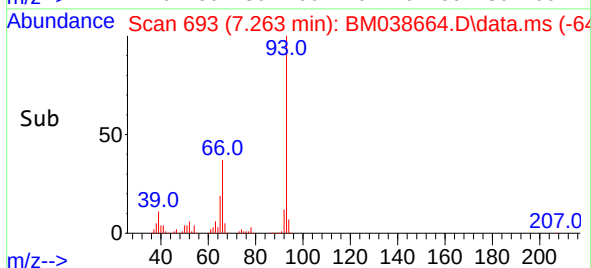
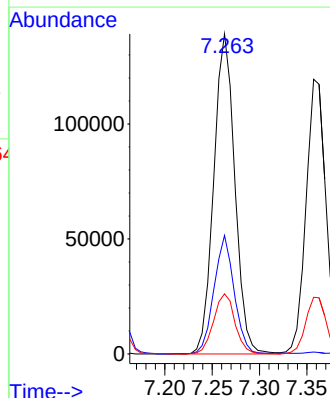
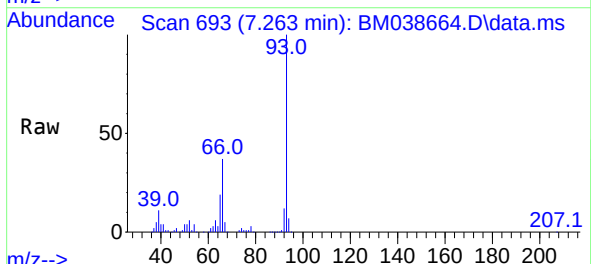
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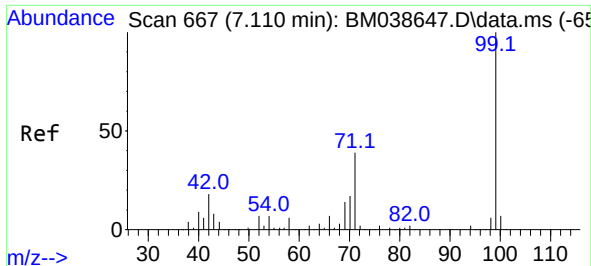
Reviewed By :Christian Giraldo 02/06/2023
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#6
Aniline
Concen: 36.199 ng
RT: 7.263 min Scan# 693
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Tgt Ion: 93 Resp: 214986
Ion Ratio Lower Upper
93 100
66 37.1 29.8 44.8
65 18.8 16.9 25.3





#7
Phenol-d6
Concen: 121.097 ng
RT: 7.116 min Scan# 60
Delta R.T. 0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Instrument :

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ClientSampleId :

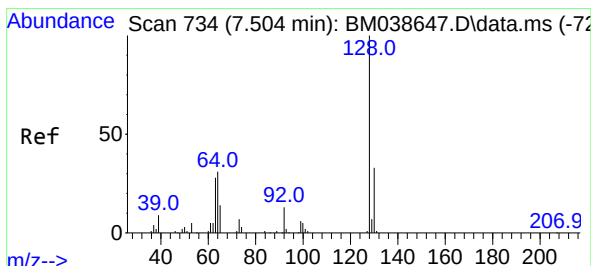
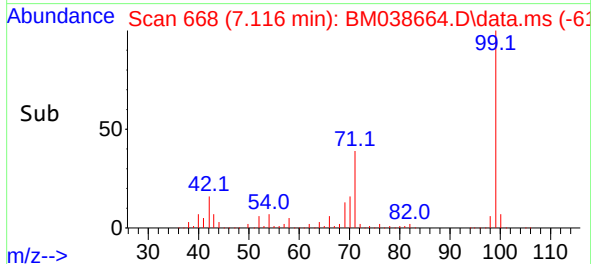
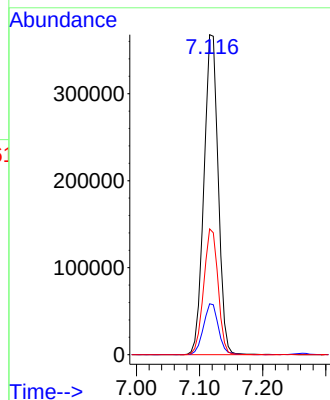
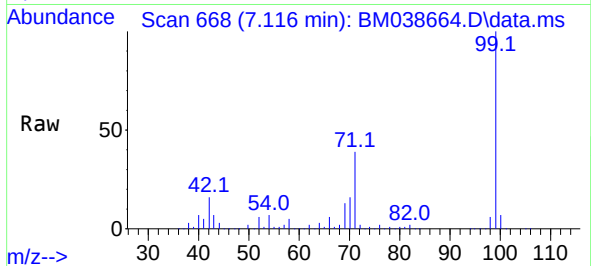
B-07-SB02MS

Tgt Ion: 99 Resp: 57655
Ion Ratio Lower Upper
99 100
42 15.9 14.6 22.0
71 39.3 31.0 46.4

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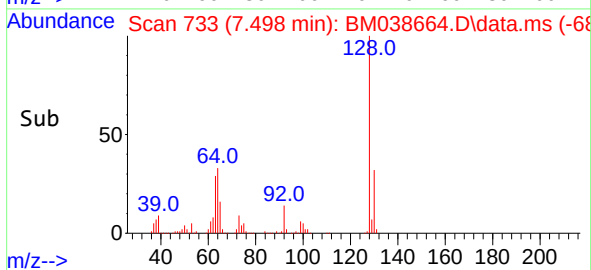
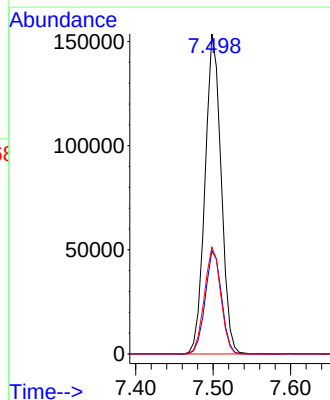
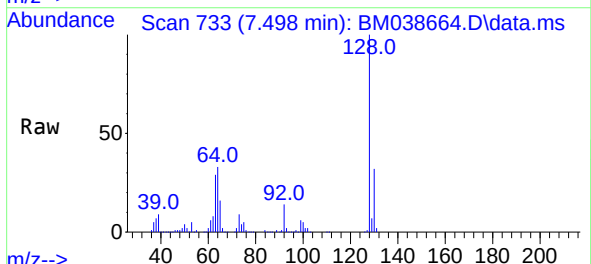
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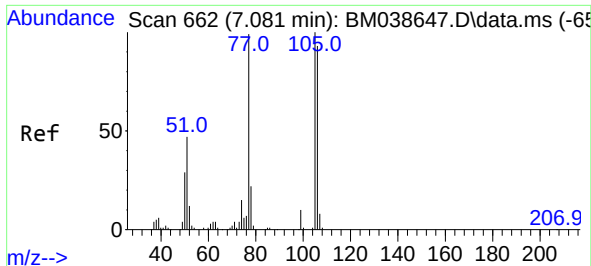
Reviewed By :Christian Giraldo 02/06/2023
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#8
2-Chlorophenol
Concen: 48.684 ng
RT: 7.498 min Scan# 733
Delta R.T. -0.006 min
Lab File: BM038664.D
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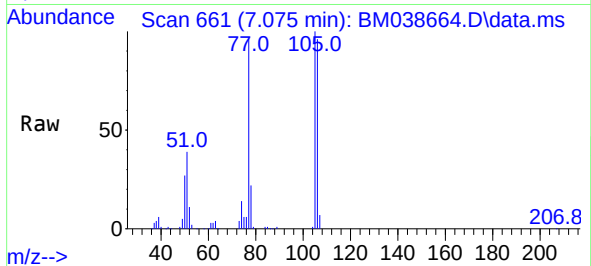
Tgt Ion:128 Resp: 221762
Ion Ratio Lower Upper
128 100
130 32.3 13.2 53.2
64 33.3 17.3 57.3





#9
Benzaldehyde
Concen: 34.827 ng
RT: 7.075 min Scan# 610
Delta R.T. -0.006 min
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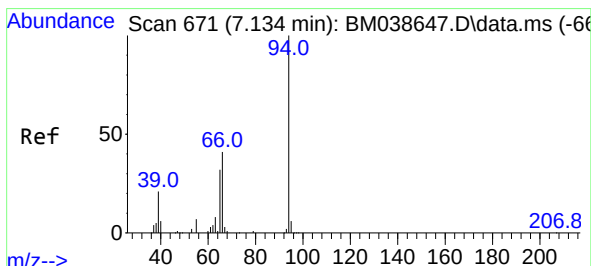
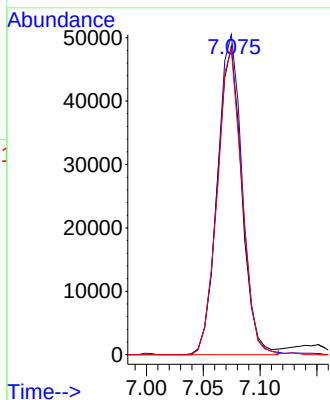
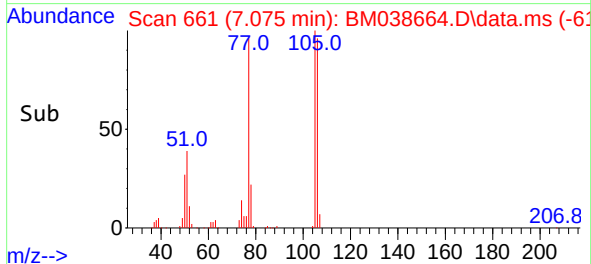
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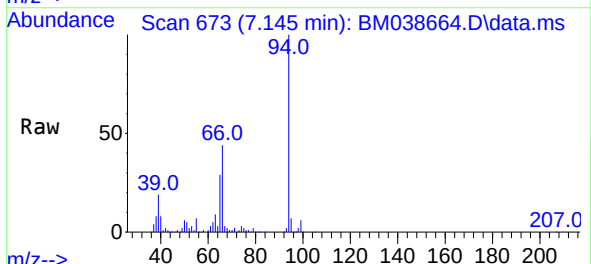
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Ion Ratio Lower Upper
77 100
105 103.7 80.8 120.8
106 99.1 73.8 113.8

Manual Integrations
APPROVED

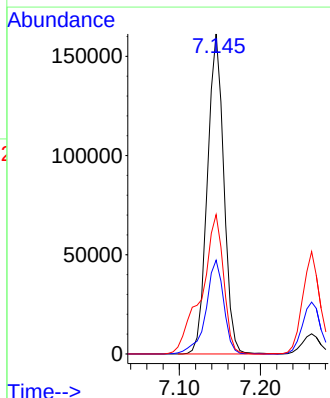
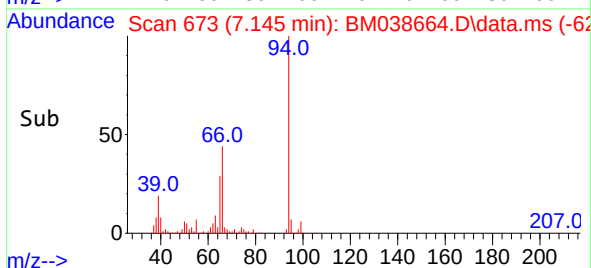
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

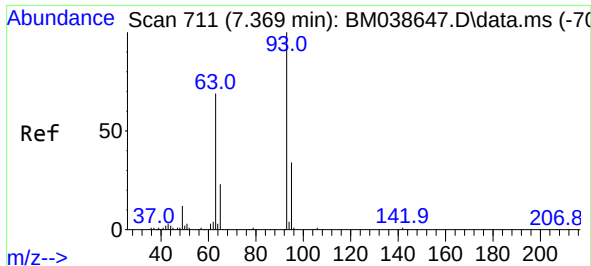


#10
Phenol
Concen: 46.931 ng
RT: 7.145 min Scan# 673
Delta R.T. 0.012 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35



Tgt Ion: 94 Resp: 225736
Ion Ratio Lower Upper
94 100
65 29.3 12.3 52.3
66 43.6 24.2 64.2





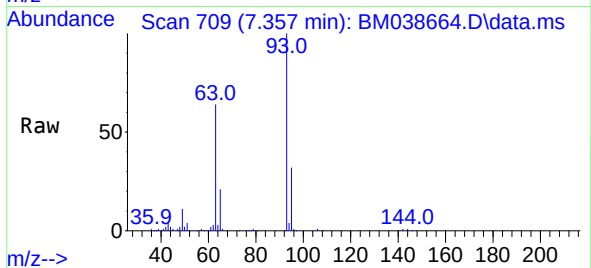
#11
bis(2-Chloroethyl)ether
Concen: 44.992 ng
RT: 7.357 min Scan# 709
Delta R.T. -0.012 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

B-07-SB02MS

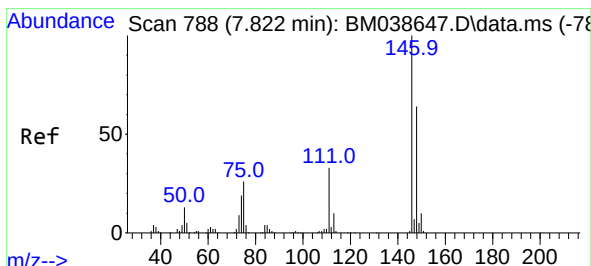
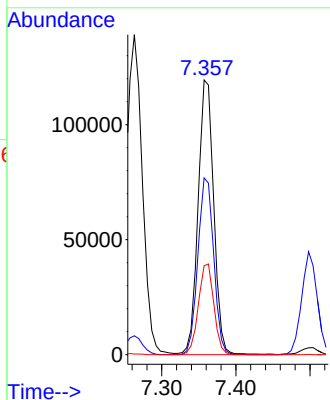
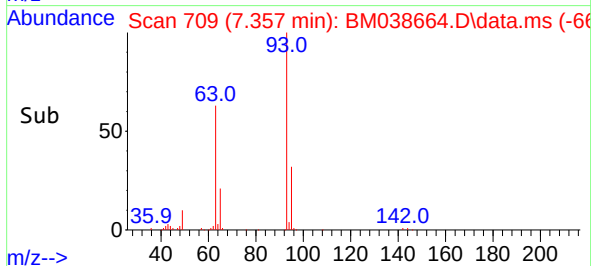


Tgt Ion: 93 Resp: 175250
Ion Ratio Lower Upper
93 100
63 64.4 48.5 88.5
95 32.4 13.8 53.8

Manual Integrations

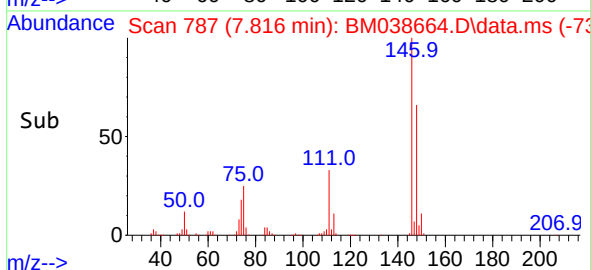
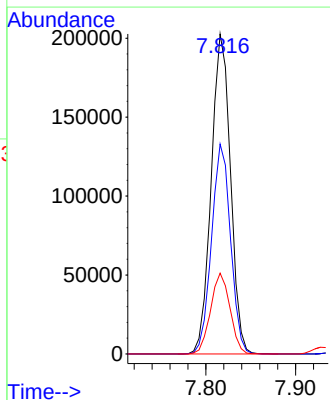
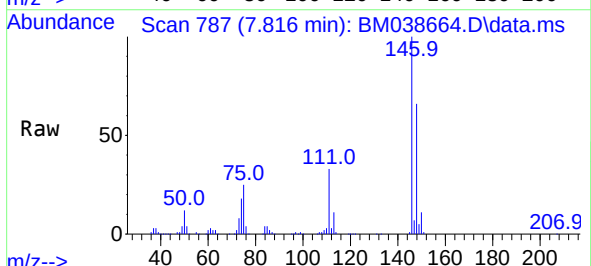
APPROVED

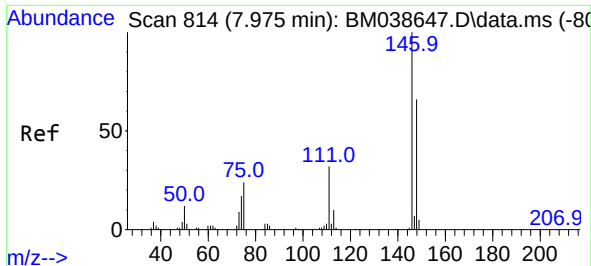
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#12
1,3-Dichlorobenzene
Concen: 51.842 ng
RT: 7.816 min Scan# 787
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

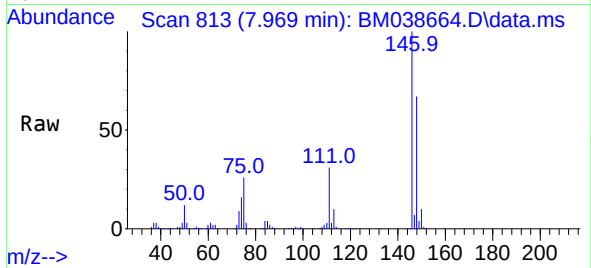
Tgt Ion:146 Resp: 301714
Ion Ratio Lower Upper
146 100
148 65.6 51.5 77.3
75 25.3 21.1 31.7





#13
1,4-Dichlorobenzene
Concen: 51.550 ng
RT: 7.969 min Scan# 814
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

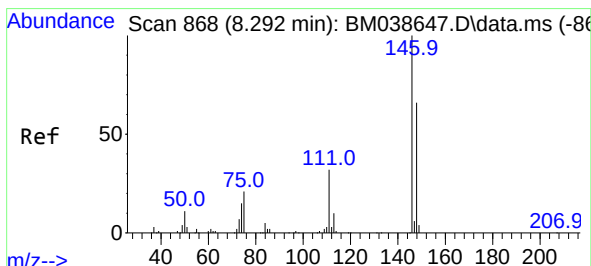
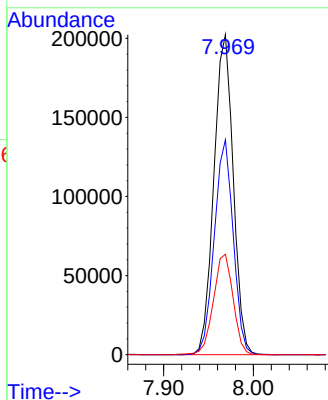
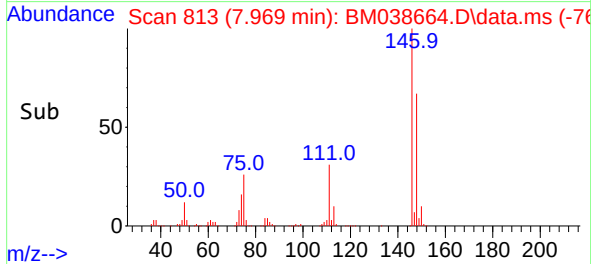
Instrument :
BNA_M
ClientSampleId :
B-07-SB02MS



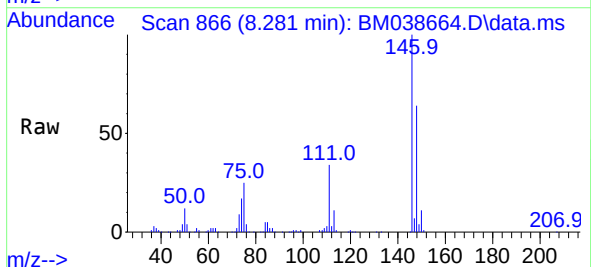
Tgt Ion:146 Resp: 30278
Ion Ratio Lower Upper
146 100
148 67.2 53.1 79.7
111 31.4 25.9 38.9

Manual Integrations
APPROVED

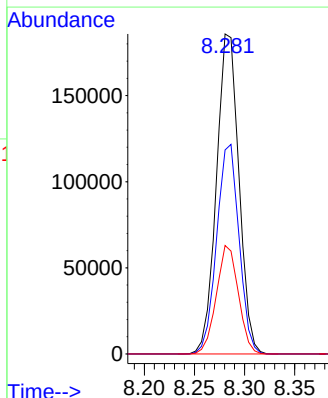
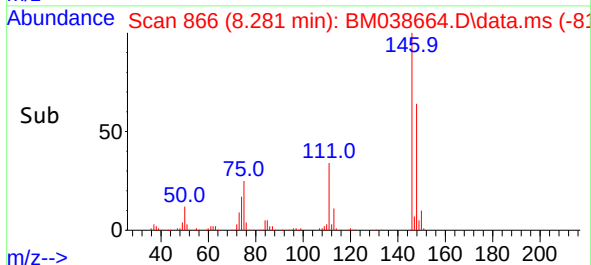
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

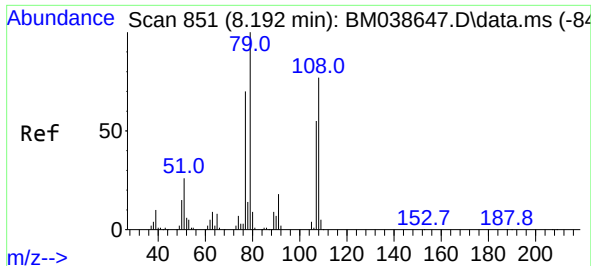


#14
1,2-Dichlorobenzene
Concen: 51.471 ng
RT: 8.281 min Scan# 866
Delta R.T. -0.012 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35



Tgt Ion:146 Resp: 289624
Ion Ratio Lower Upper
146 100
148 63.8 52.9 79.3
111 33.9 26.2 39.2





#15
Benzyl Alcohol
Concen: 45.682 ng m
RT: 8.186 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

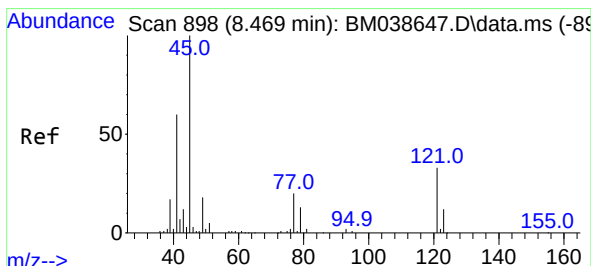
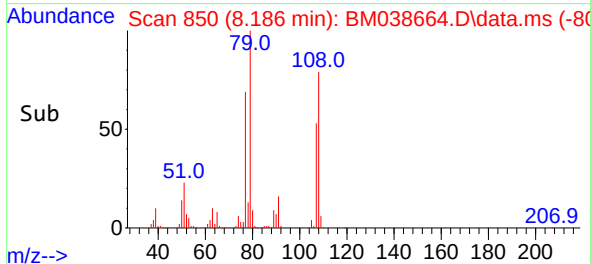
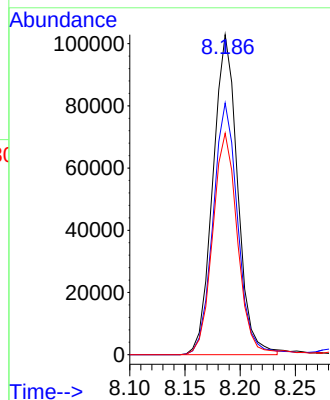
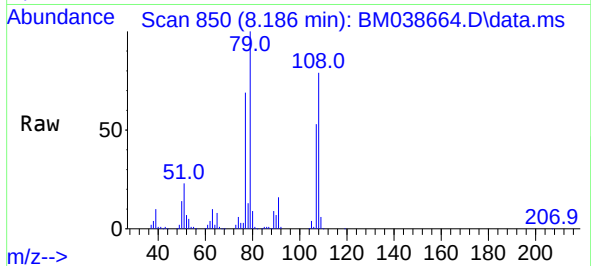
B-07-SB02MS

Tgt Ion: 79 Resp: 16008
Ion Ratio Lower Upper
79 100
108 78.6 61.9 92.9
77 69.2 55.8 83.8

Manual Integrations

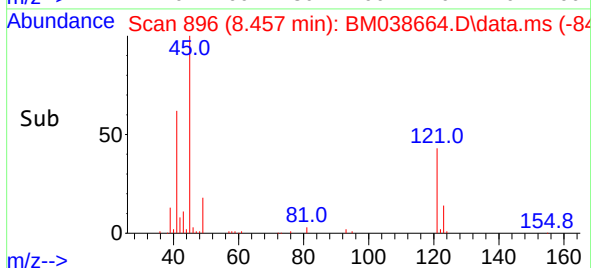
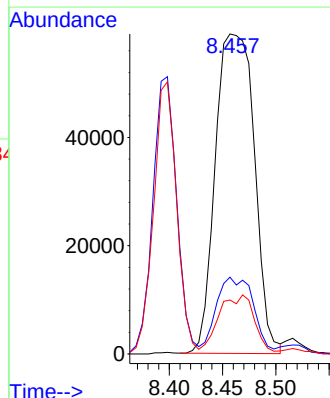
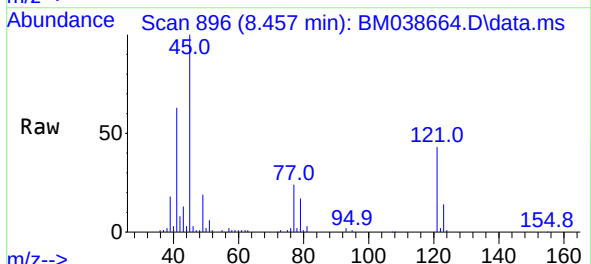
APPROVED

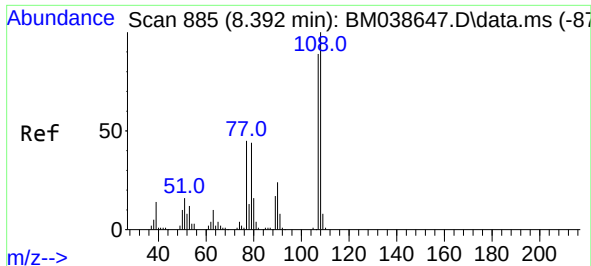
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.664 ng
RT: 8.457 min Scan# 896
Delta R.T. -0.012 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

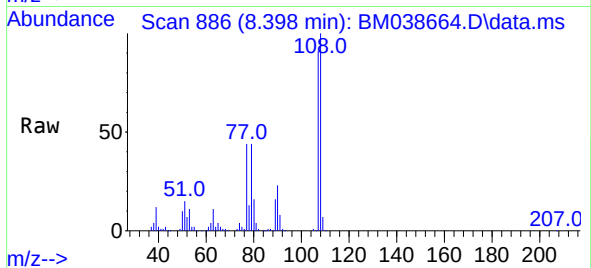
Tgt Ion: 45 Resp: 150034
Ion Ratio Lower Upper
45 100
77 24.0 1.1 41.1
79 16.8 0.0 34.6





#17
2-Methylphenol
Concen: 42.509 ng
RT: 8.398 min Scan# 885
Delta R.T. 0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

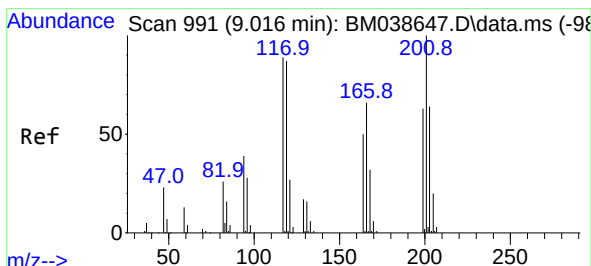
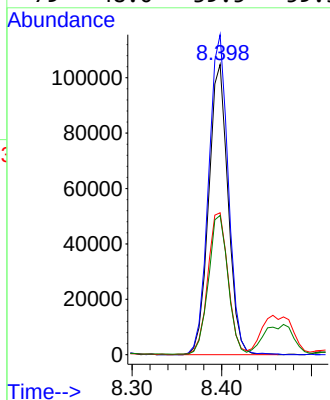
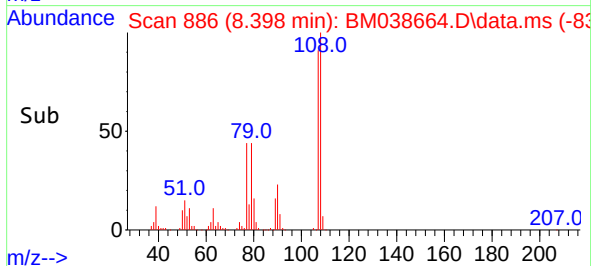
Instrument :
BNA_M
ClientSampleId :
B-07-SB02MS



Tgt Ion:107 Resp: 15683
Ion Ratio Lower Upper
107 100
108 110.3 89.6 134.4
77 48.9 40.7 61.1
79 48.0 39.5 59.3

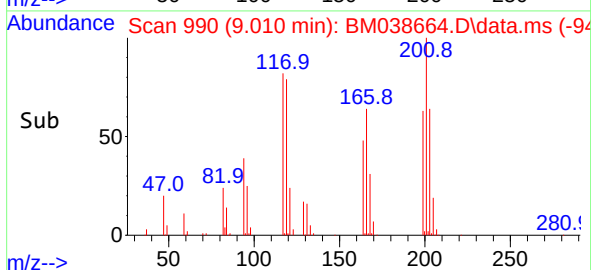
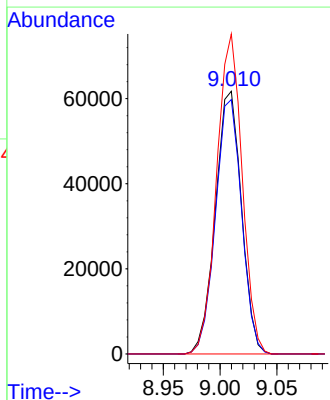
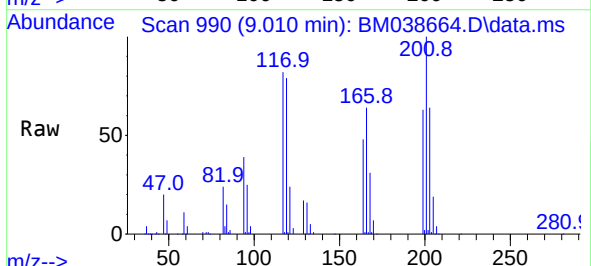
Manual Integrations
APPROVED

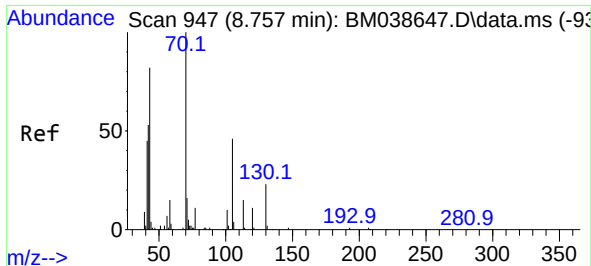
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#18
Hexachloroethane
Concen: 52.150 ng
RT: 9.010 min Scan# 990
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Tgt Ion:117 Resp: 98922
Ion Ratio Lower Upper
117 100
119 96.8 78.6 117.8
201 121.8 90.2 135.2





#19
n-Nitroso-di-n-propylamine
Concen: 44.011 ng
RT: 8.751 min Scan# 94
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

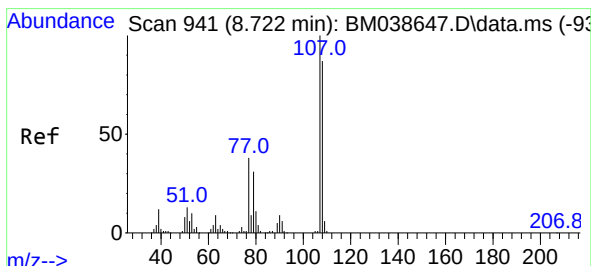
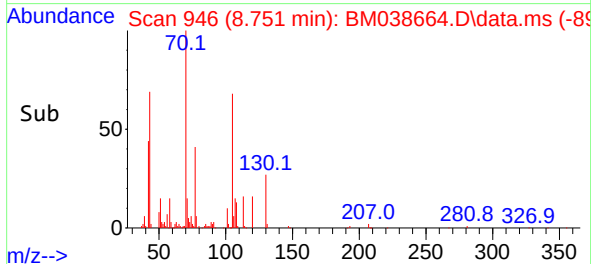
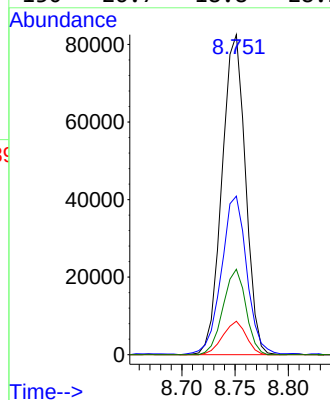
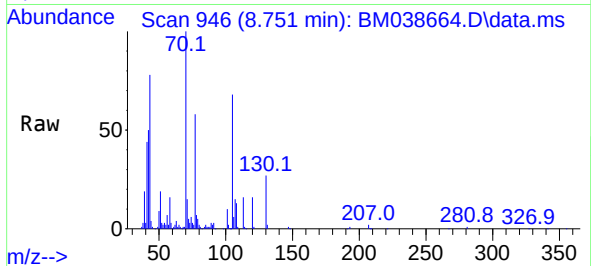
B-07-SB02MS

Tgt Ion: 70 Resp: 12630
Ion Ratio Lower Upper
70 100
42 49.6 43.4 65.2
101 10.4 8.2 12.2
130 26.7 18.8 28.2

Manual Integrations

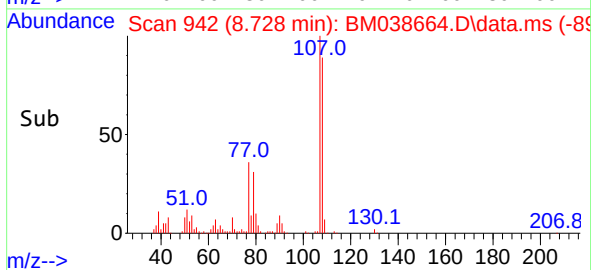
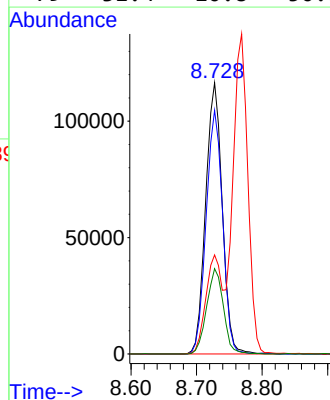
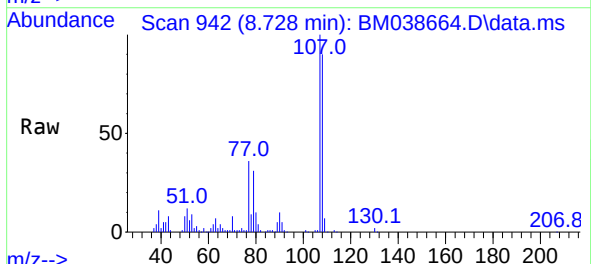
APPROVED

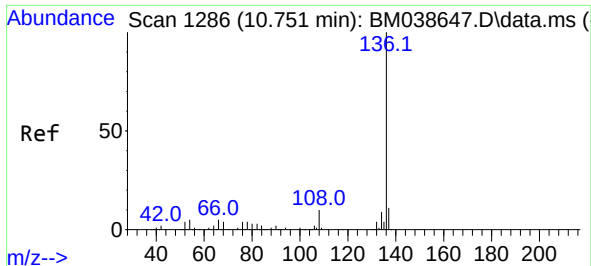
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#20
3+4-Methylphenols
Concen: 41.817 ng
RT: 8.728 min Scan# 942
Delta R.T. 0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Tgt Ion:107 Resp: 205695
Ion Ratio Lower Upper
107 100
108 89.9 67.2 107.2
77 36.5 17.5 57.5
79 31.4 10.8 50.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

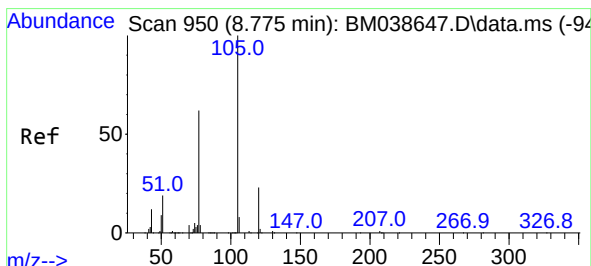
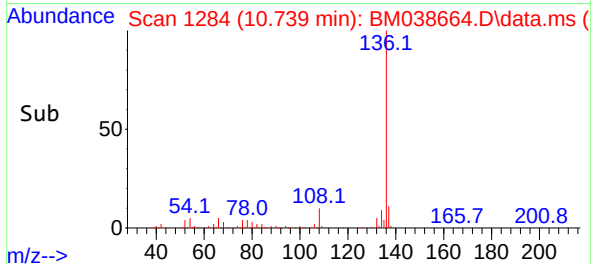
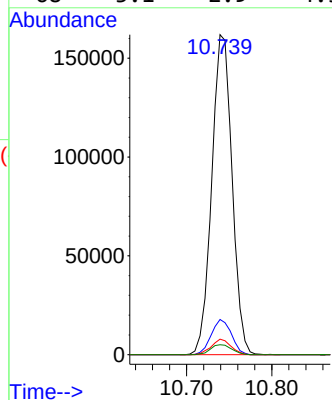
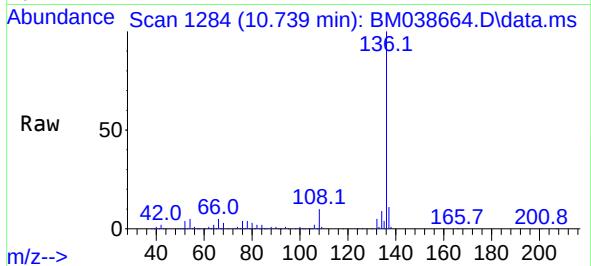
B-07-SB02MS

Tgt Ion:136 Resp: 26857
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 4.9 4.2 6.4
68 3.1 2.9 4.3

Manual Integrations

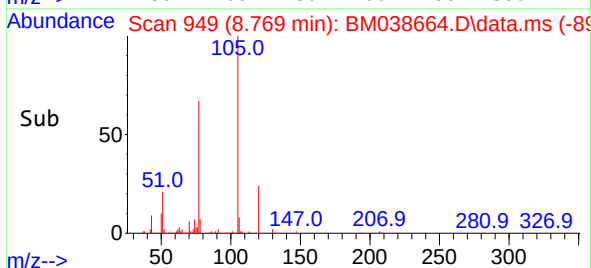
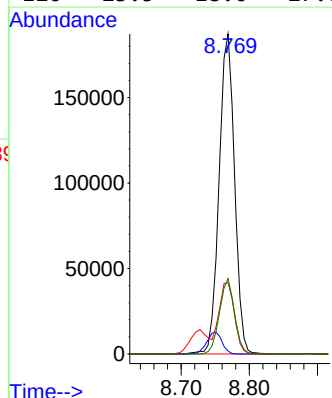
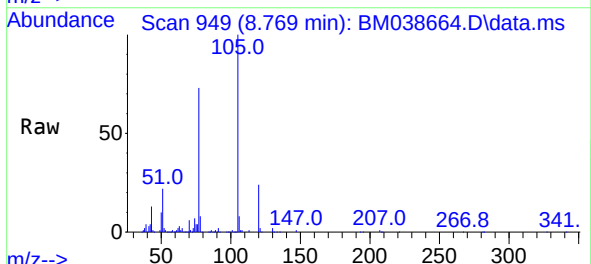
APPROVED

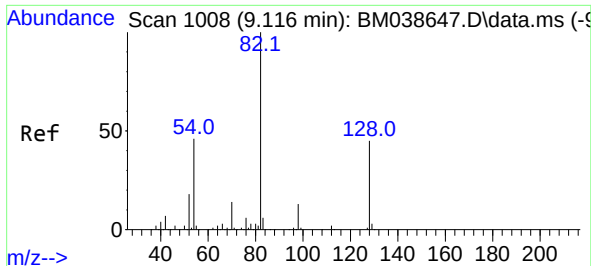
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#22
Acetophenone
Concen: 46.168 ng
RT: 8.769 min Scan# 949
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Tgt Ion:105 Resp: 295708
Ion Ratio Lower Upper
105 100
71 0.9 0.9 1.3
51 22.3 19.3 28.9
120 23.5 18.0 27.0





#23
Nitrobenzene-d5
Concen: 76.701 ng
RT: 9.110 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

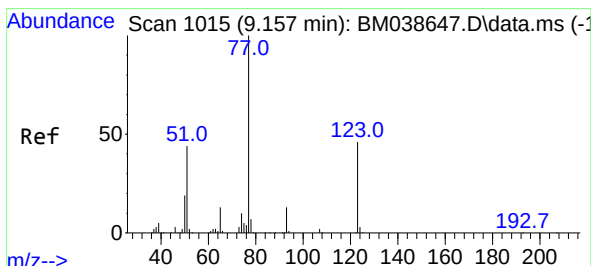
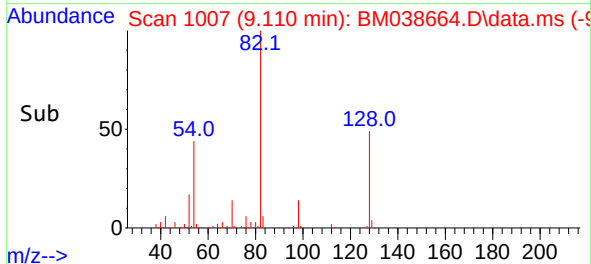
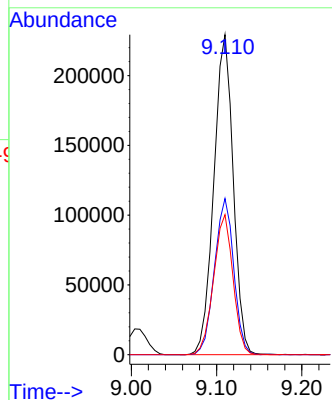
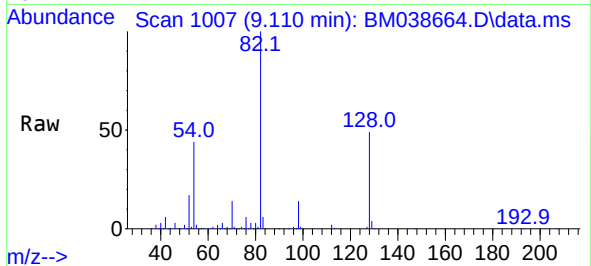
B-07-SB02MS

Tgt Ion: 82 Resp: 362670
Ion Ratio Lower Upper
82 100
128 48.8 36.0 54.0
54 43.8 36.8 55.2

Manual Integrations

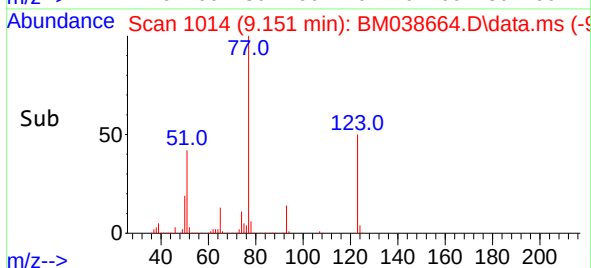
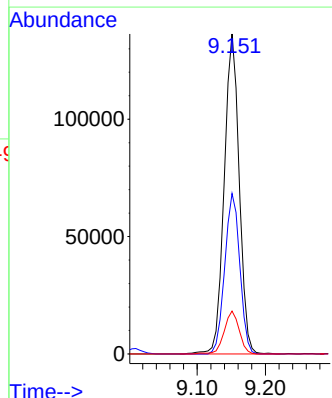
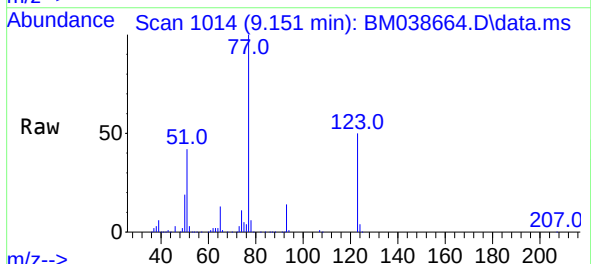
APPROVED

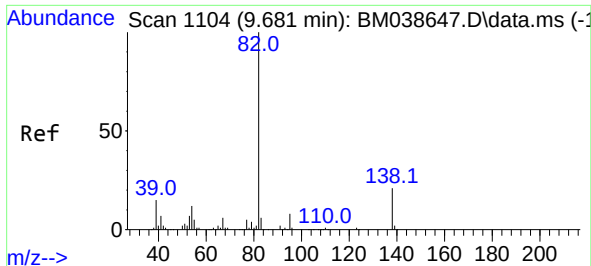
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#24
Nitrobenzene
Concen: 43.521 ng
RT: 9.151 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Tgt Ion: 77 Resp: 208874
Ion Ratio Lower Upper
77 100
123 50.2 36.5 54.7
65 13.4 10.7 16.1





#25
Isophorone
Concen: 41.906 ng
RT: 9.675 min Scan# 1103
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

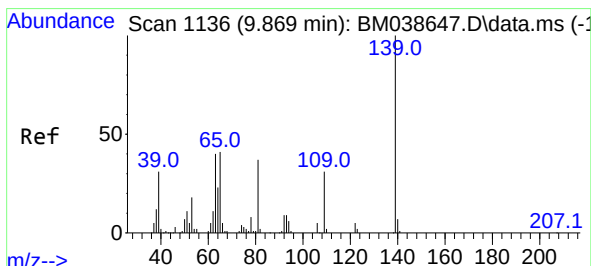
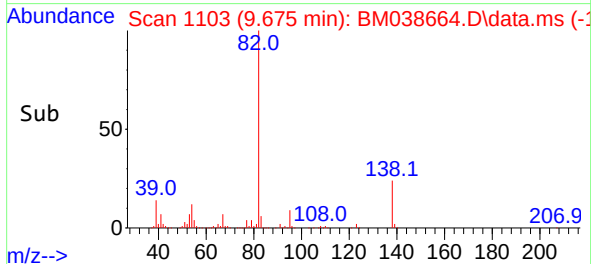
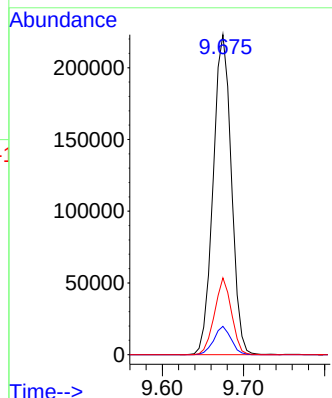
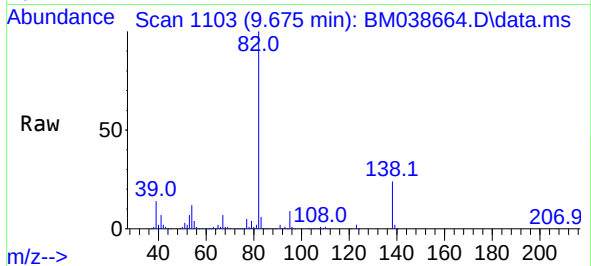
B-07-SB02MS

Tgt Ion: 82 Resp: 347120
Ion Ratio Lower Upper
82 100
95 8.9 6.4 9.6
138 24.0 17.0 25.6

Manual Integrations

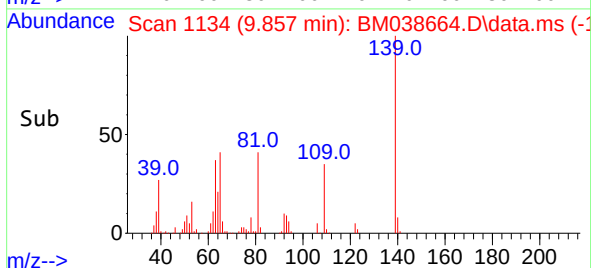
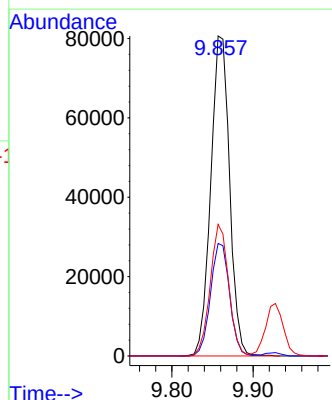
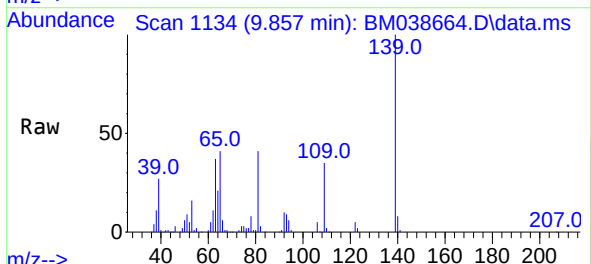
APPROVED

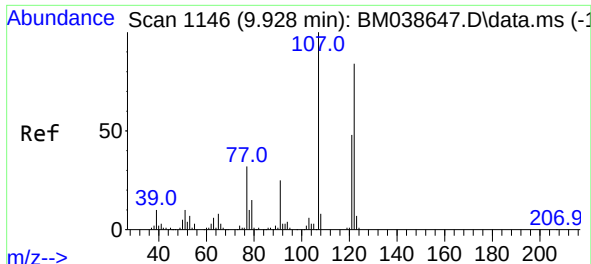
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#26
2-Nitrophenol
Concen: 48.594 ng
RT: 9.857 min Scan# 1134
Delta R.T. -0.012 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Tgt Ion:139 Resp: 129775
Ion Ratio Lower Upper
139 100
109 35.2 24.5 36.7
65 41.1 32.6 49.0





#27

2,4-Dimethylphenol

Concen: 46.472 ng

RT: 9.927 min Scan# 1146

Delta R.T. -0.000 min

Lab File: BM038664.D

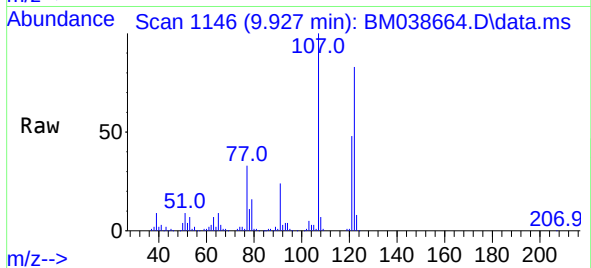
Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

B-07-SB02MS



Tgt Ion:122 Resp: 179064

Ion Ratio Lower Upper

122 100

107 121.0 94.9 142.3

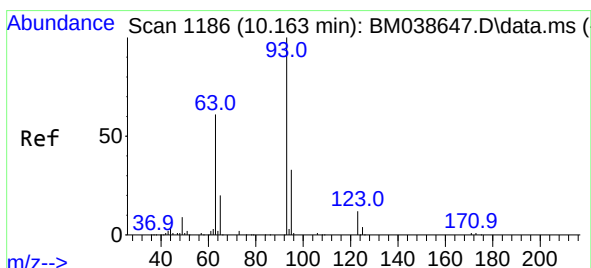
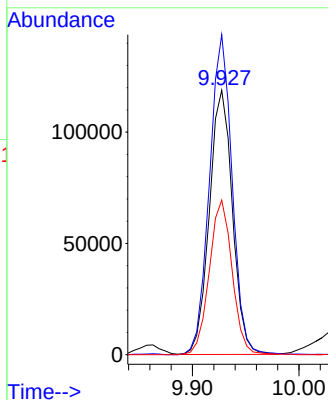
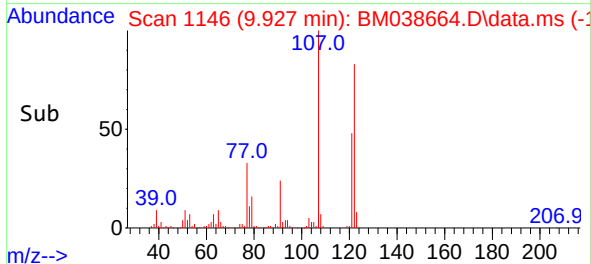
121 58.4 45.5 68.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/06/2023

Supervised By :Jagrut Upadhyay 02/06/2023



#28

bis(2-Chloroethoxy)methane

Concen: 43.210 ng

RT: 10.157 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BM038664.D

Acq: 02 Feb 2023 15:35

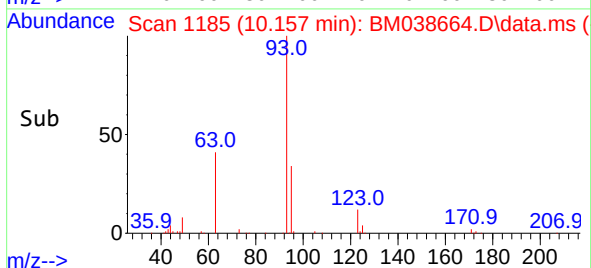
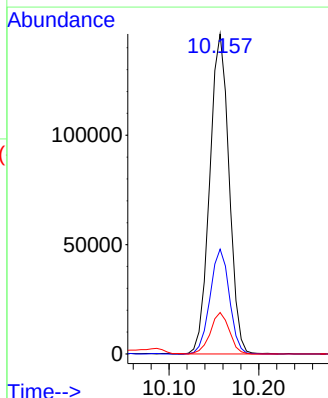
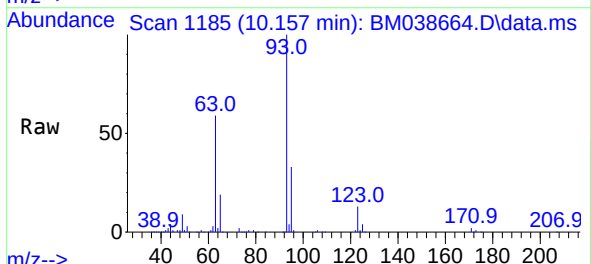
Tgt Ion: 93 Resp: 218735

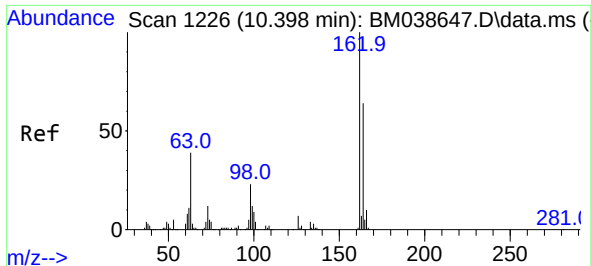
Ion Ratio Lower Upper

93 100

95 32.8 26.6 40.0

123 12.9 9.6 14.4





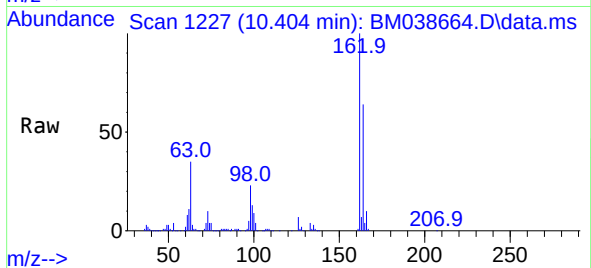
#29
2,4-Dichlorophenol
Concen: 45.611 ng
RT: 10.404 min Scan# 1227
Delta R.T. 0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

B-07-SB02MS

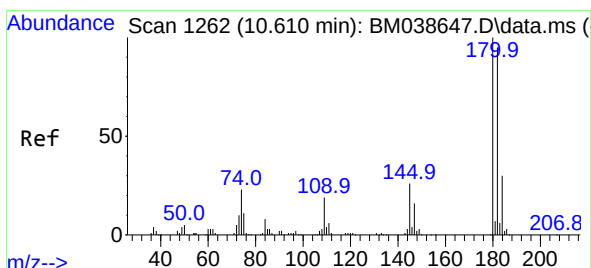
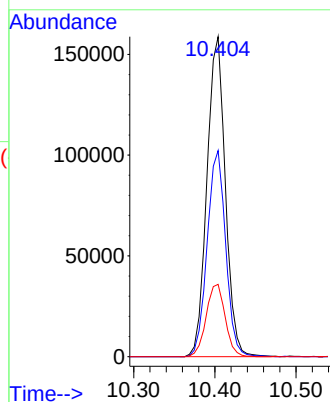
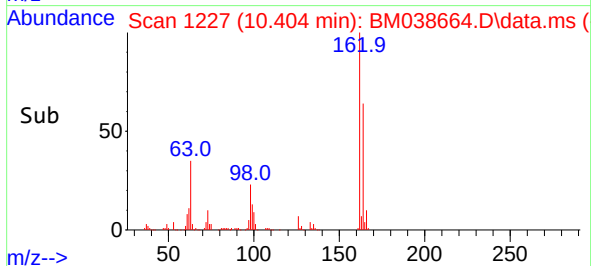


Tgt Ion:162 Resp: 249680
Ion Ratio Lower Upper
162 100
164 64.4 44.3 84.3
98 22.6 3.1 43.1

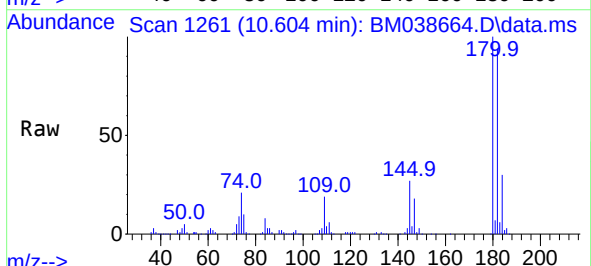
Manual Integrations

APPROVED

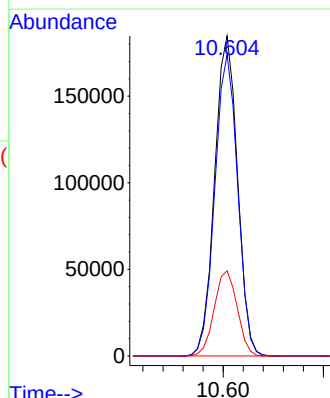
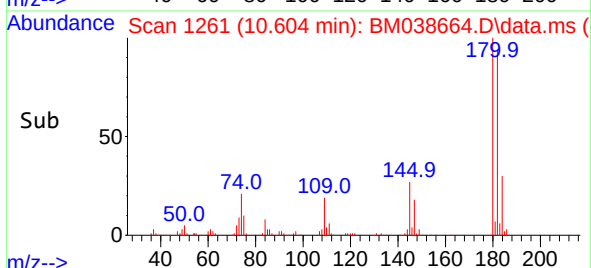
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

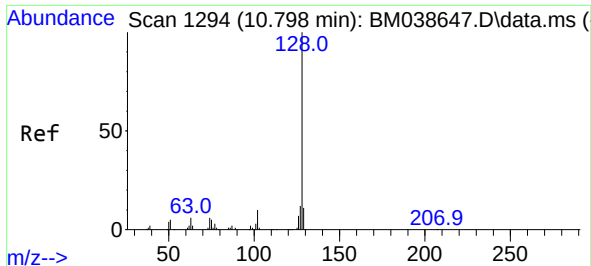


#30
1,2,4-Trichlorobenzene
Concen: 50.097 ng
RT: 10.604 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35



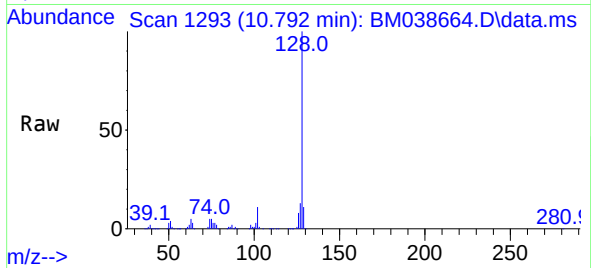
Tgt Ion:180 Resp: 291722
Ion Ratio Lower Upper
180 100
182 94.1 76.2 114.2
145 26.6 20.8 31.2





#31
Naphthalene
Concen: 46.904 ng
RT: 10.792 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

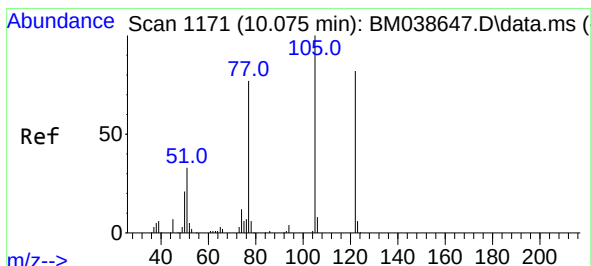
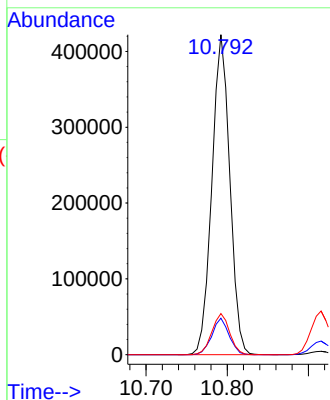
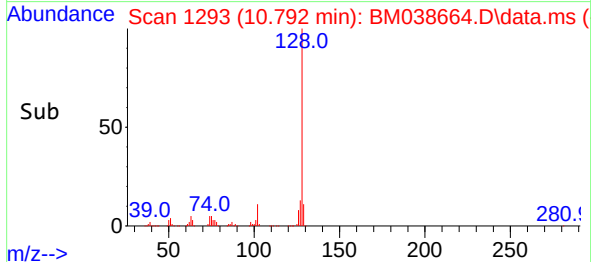
Instrument :
BNA_M
ClientSampleId :
B-07-SB02MS



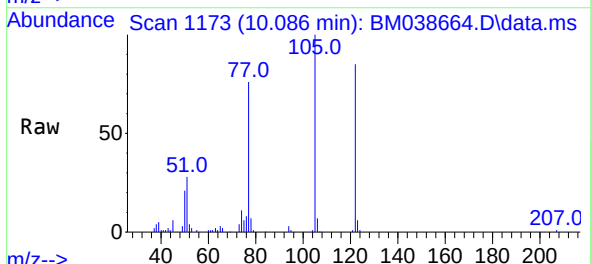
Tgt Ion:128 Resp: 646444
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 12.9 9.9 14.9

Manual Integrations
APPROVED

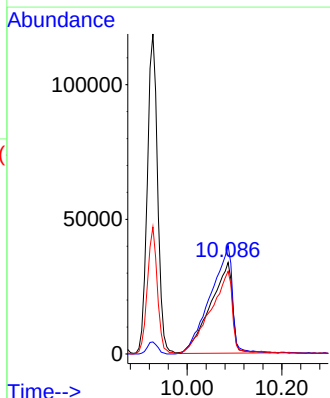
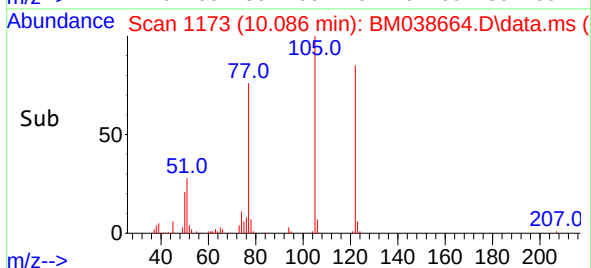
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

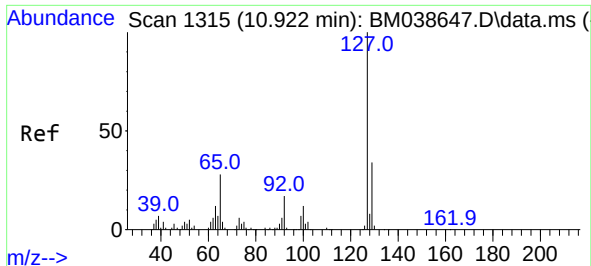


#32
Benzoic acid
Concen: 35.035 ng
RT: 10.086 min Scan# 1173
Delta R.T. 0.011 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35



Tgt Ion:122 Resp: 109277
Ion Ratio Lower Upper
122 100
105 118.3 99.2 139.2
77 90.3 72.3 112.3





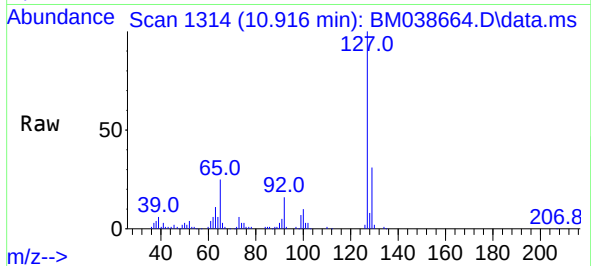
#33
4-Chloroaniline
Concen: 15.824 ng
RT: 10.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

B-07-SB02MS

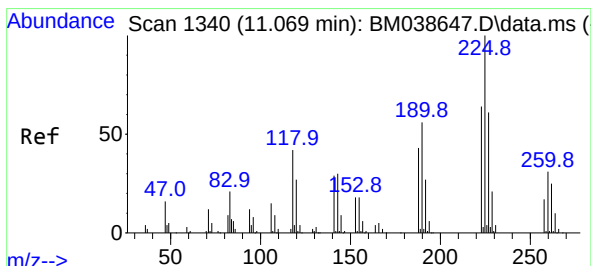
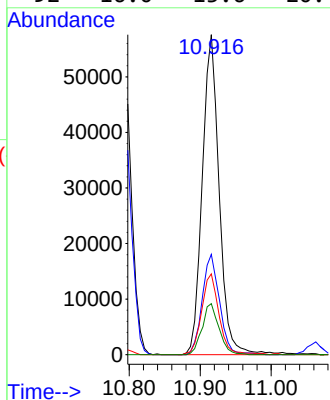
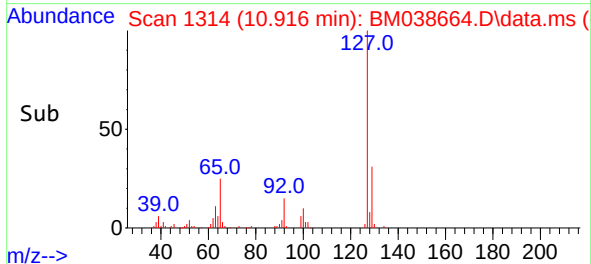


Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.4	27.1	40.7
65	25.2	22.2	33.4
92	16.0	13.6	20.4

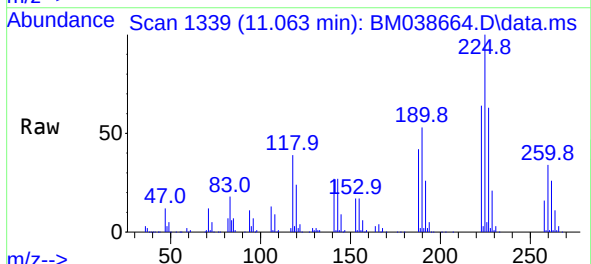
Manual Integrations

APPROVED

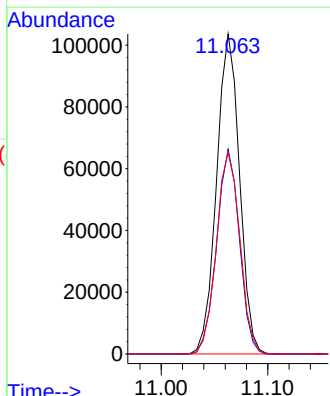
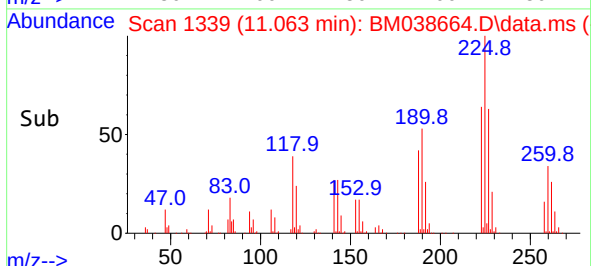
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

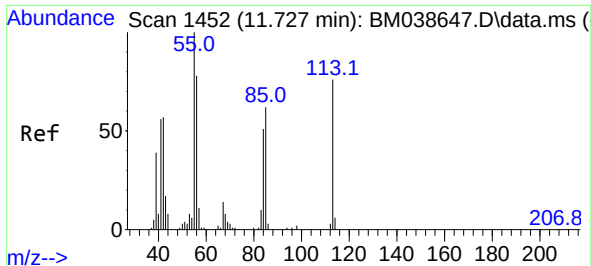


#34
Hexachlorobutadiene
Concen: 53.058 ng
RT: 11.063 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35



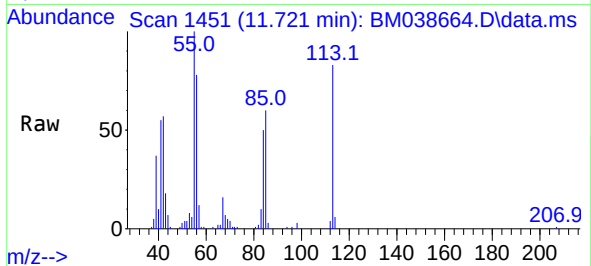
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.0	76.4
227	63.0	49.2	73.8





#35
Caprolactam
Concen: 36.166 ng
RT: 11.721 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

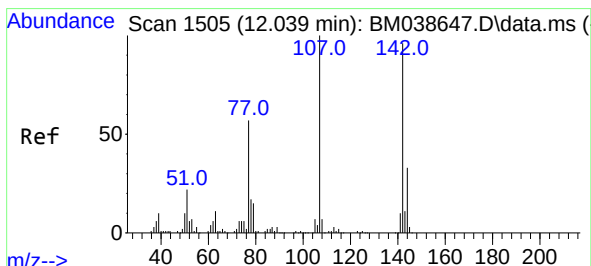
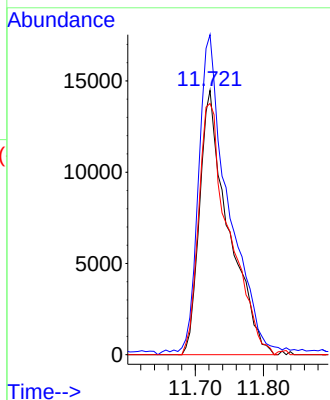
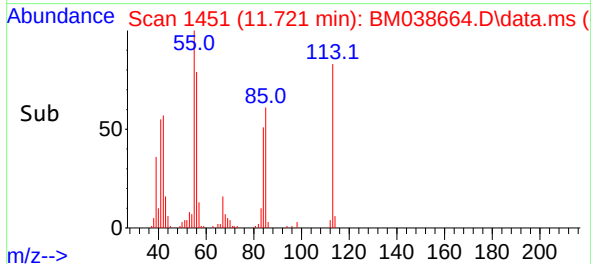
Instrument :
BNA_M
ClientSampleId :
B-07-SB02MS



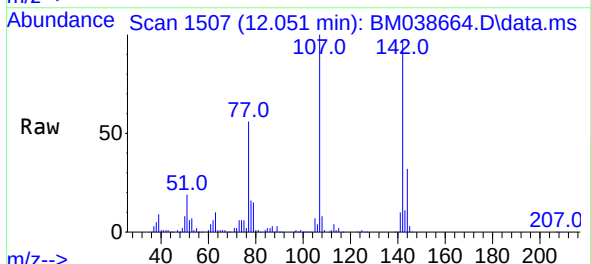
Tgt Ion:113 Resp: 42639
Ion Ratio Lower Upper
113 100
55 121.1 111.2 151.2
56 95.0 82.0 122.0

Manual Integrations
APPROVED

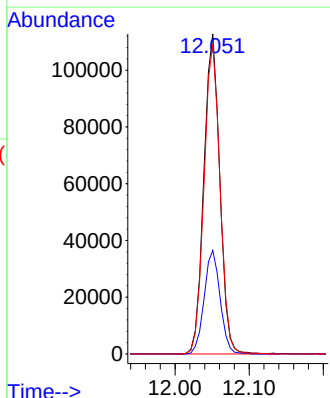
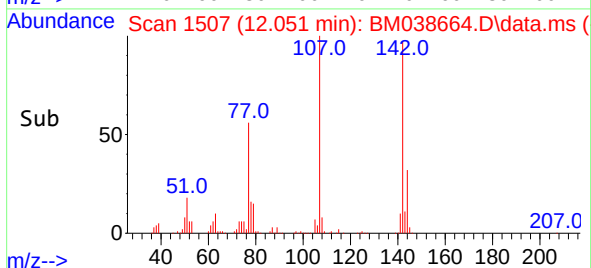
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

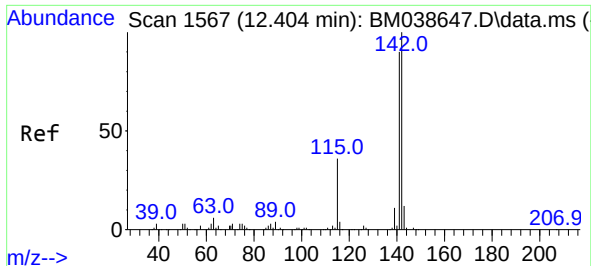


#36
4-Chloro-3-methylphenol
Concen: 41.561 ng
RT: 12.051 min Scan# 1507
Delta R.T. 0.012 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35



Tgt Ion:107 Resp: 168232
Ion Ratio Lower Upper
107 100
144 32.4 26.5 39.7
142 96.8 77.0 115.6





#37
2-Methylnaphthalene
Concen: 43.908 ng
RT: 12.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

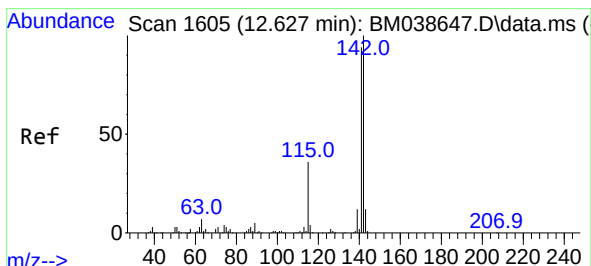
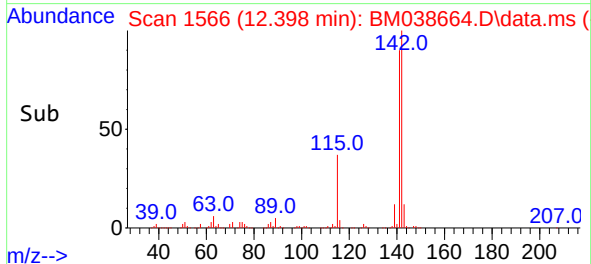
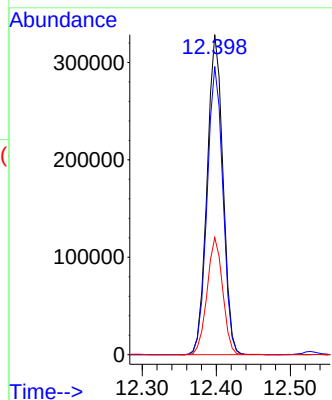
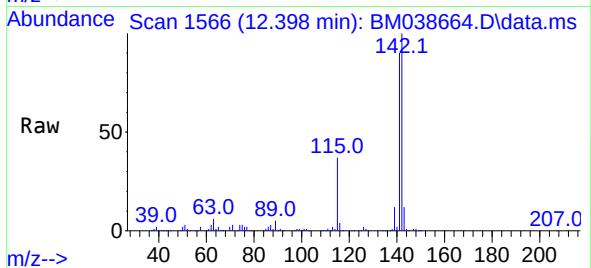
B-07-SB02MS

Tgt Ion:142 Resp: 489025
Ion Ratio Lower Upper
142 100
141 90.0 71.8 107.8
115 36.6 28.7 43.1

Manual Integrations

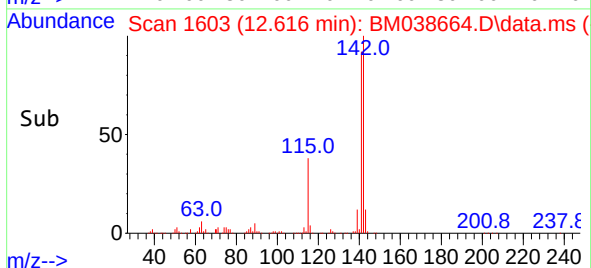
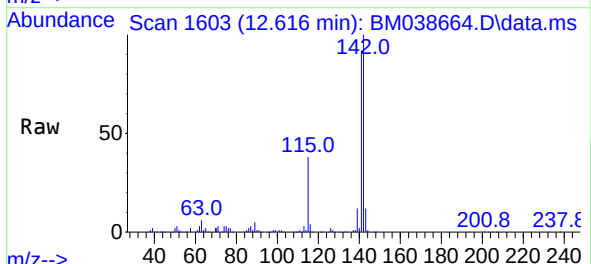
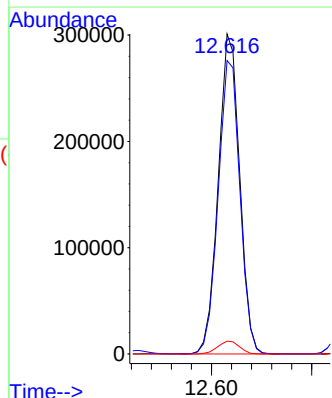
APPROVED

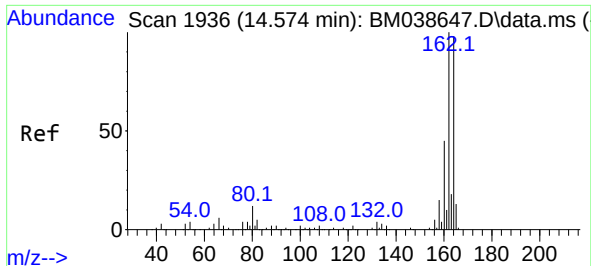
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#38
1-Methylnaphthalene
Concen: 42.423 ng
RT: 12.616 min Scan# 1603
Delta R.T. -0.012 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

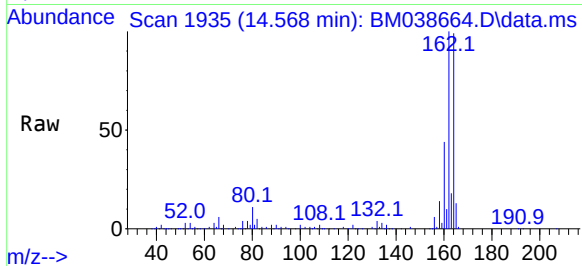
Tgt Ion:142 Resp: 445218
Ion Ratio Lower Upper
142 100
141 91.7 75.5 113.3
116 4.0 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

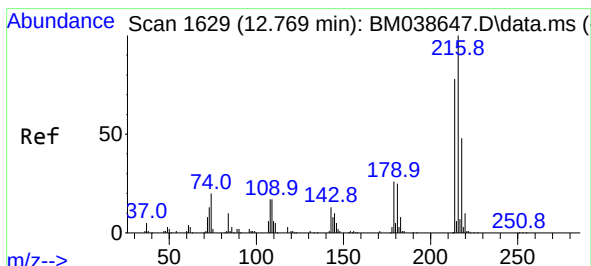
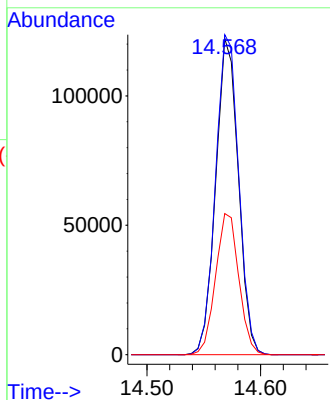
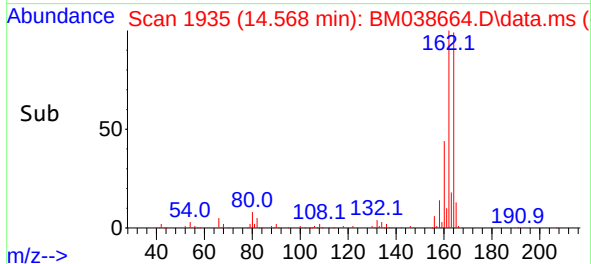
Instrument :
BNA_M
ClientSampleId :
B-07-SB02MS



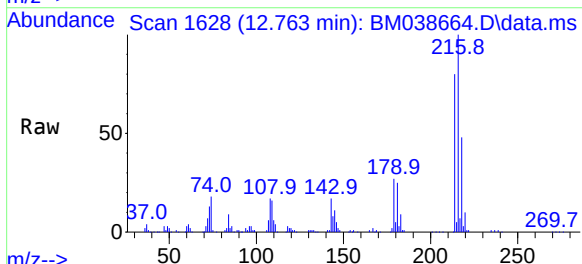
Tgt Ion:164 Resp: 169404
Ion Ratio Lower Upper
164 100
162 101.2 81.4 122.0
160 44.6 36.5 54.7

Manual Integrations
APPROVED

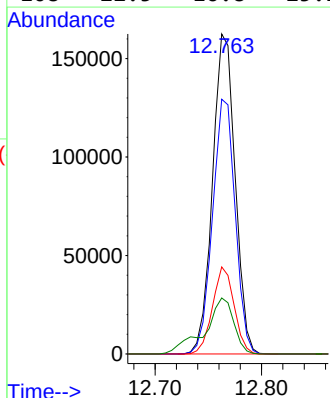
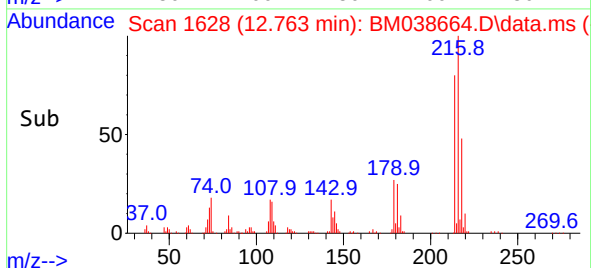
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

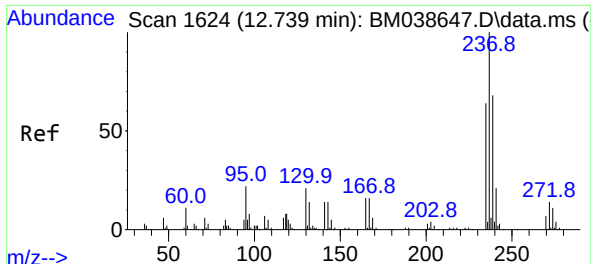


#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.218 ng
RT: 12.763 min Scan# 1628
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35



Tgt Ion:216 Resp: 239034
Ion Ratio Lower Upper
216 100
214 79.8 63.4 95.0
179 26.1 21.0 31.4
108 22.5 16.8 25.2





#41
Hexachlorocyclopentadiene
Concen: 112.453 ng
RT: 12.733 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

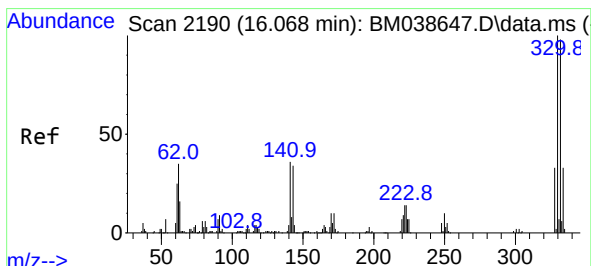
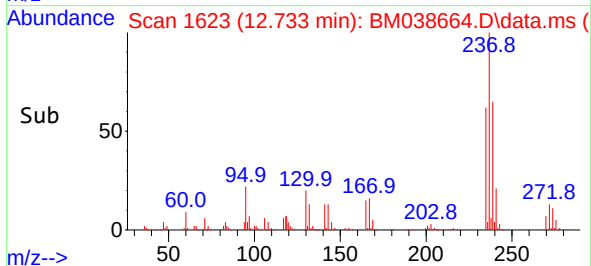
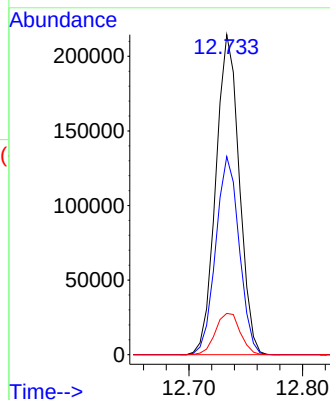
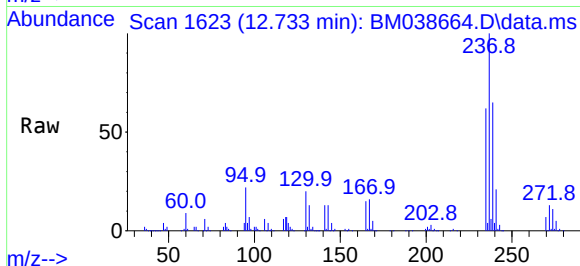
B-07-SB02MS

Tgt Ion:237 Resp: 307650
Ion Ratio Lower Upper
237 100
235 61.9 43.8 83.8
272 12.9 0.0 33.8

Manual Integrations

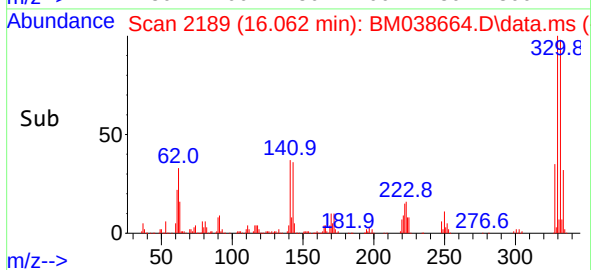
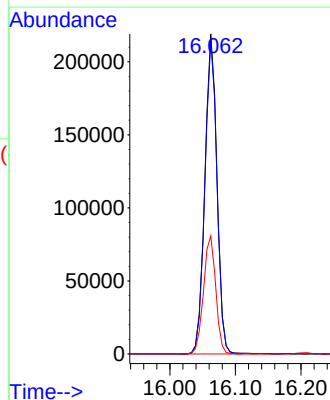
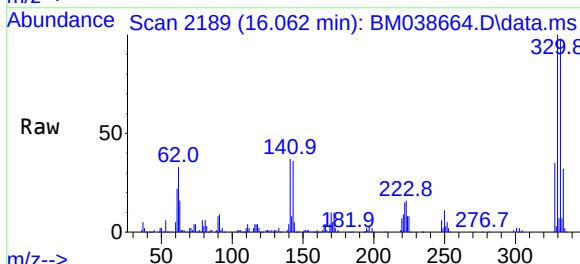
APPROVED

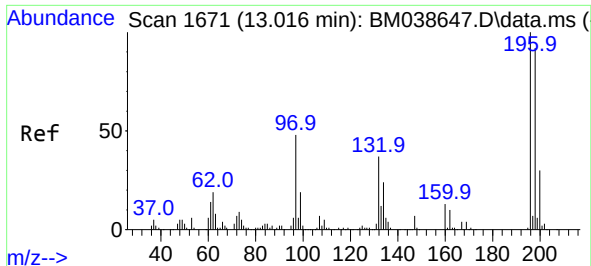
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#42
2,4,6-Tribromophenol
Concen: 122.645 ng
RT: 16.062 min Scan# 2189
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Tgt Ion:330 Resp: 282398
Ion Ratio Lower Upper
330 100
332 97.3 77.8 116.6
141 37.1 31.0 46.6





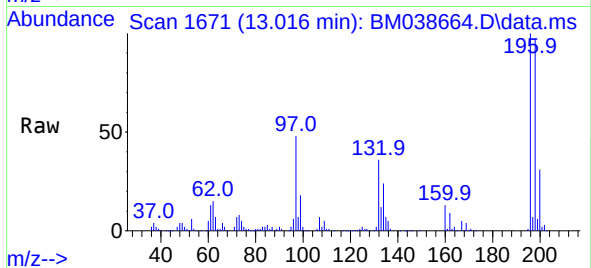
#43
2,4,6-Trichlorophenol
Concen: 49.045 ng
RT: 13.016 min Scan# 1671
Delta R.T. -0.000 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

B-07-SB02MS

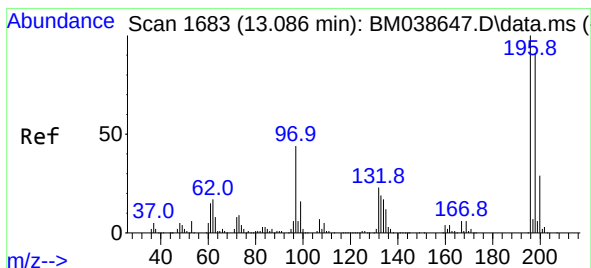
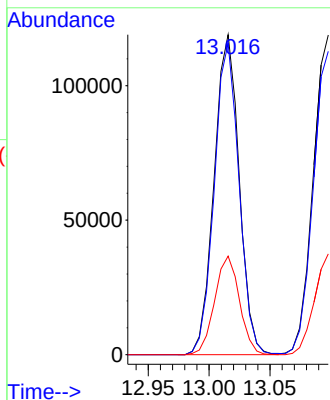
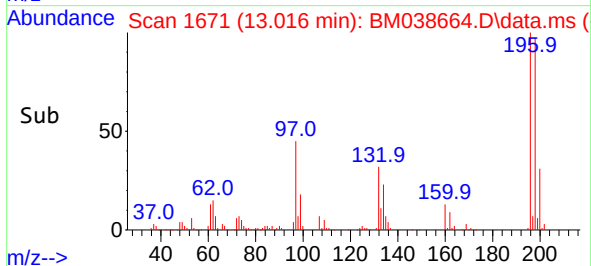


Tgt Ion:196 Resp: 16987
Ion Ratio Lower Upper
196 100
198 97.3 73.7 110.5
200 30.8 24.3 36.5

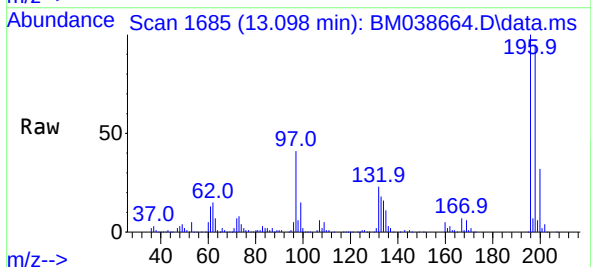
Manual Integrations

APPROVED

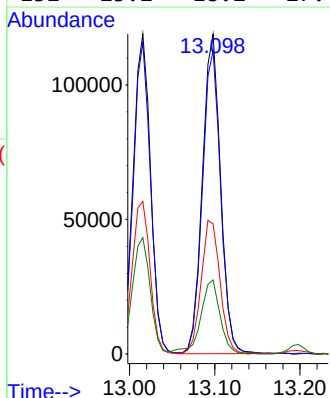
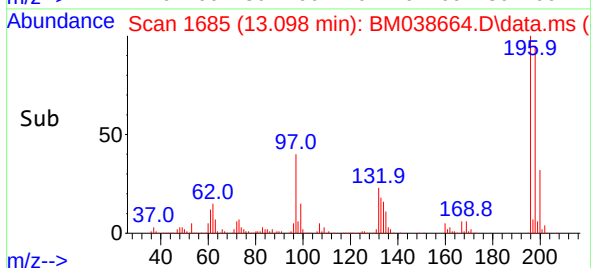
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

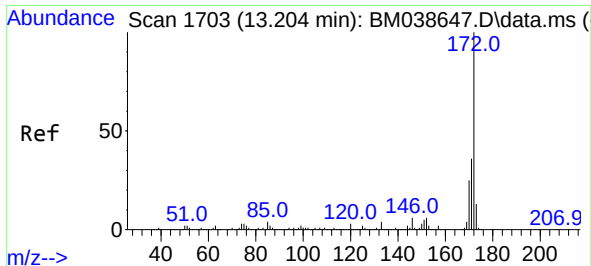


#44
2,4,5-Trichlorophenol
Concen: 43.224 ng
RT: 13.098 min Scan# 1685
Delta R.T. 0.012 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35



Tgt Ion:196 Resp: 176175
Ion Ratio Lower Upper
196 100
198 94.9 73.1 109.7
97 40.7 35.5 53.3
132 23.2 18.2 27.4





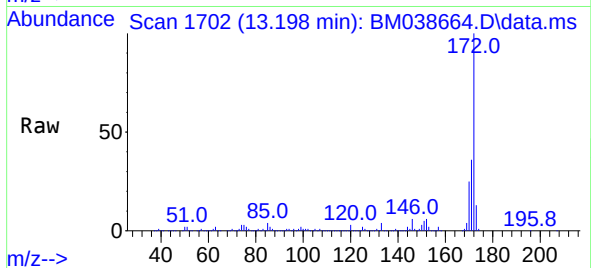
#45
2-Fluorobiphenyl
Concen: 81.945 ng
RT: 13.198 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

B-07-SB02MS

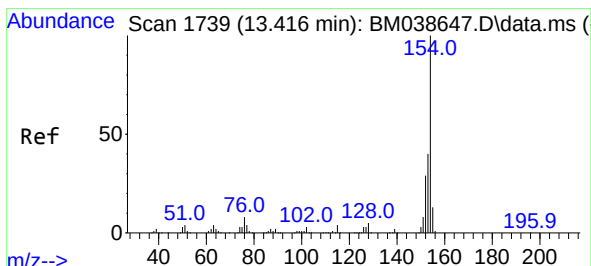
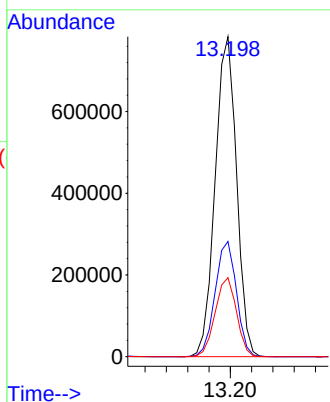
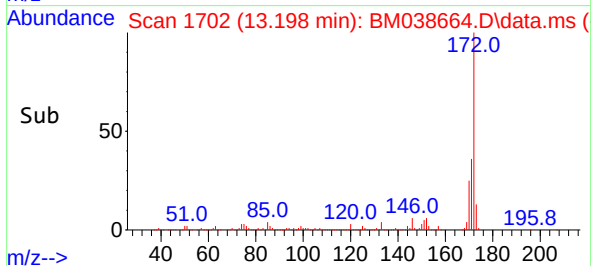


Tgt Ion:172 Resp: 1090390
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 24.7 20.0 30.0

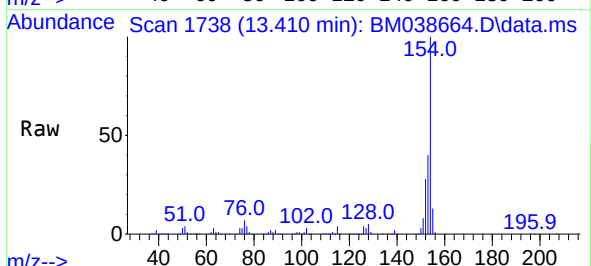
Manual Integrations

APPROVED

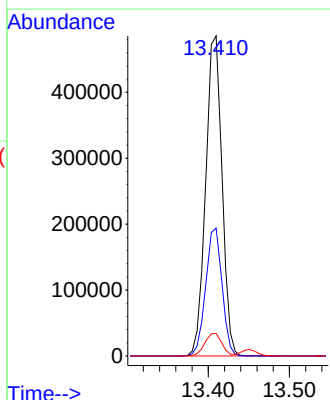
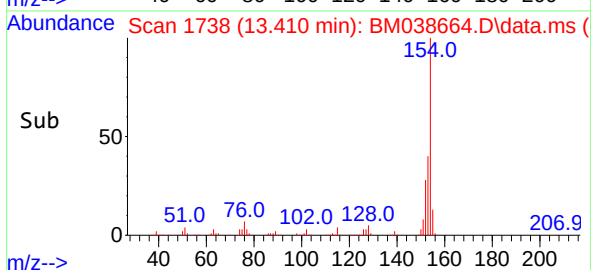
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

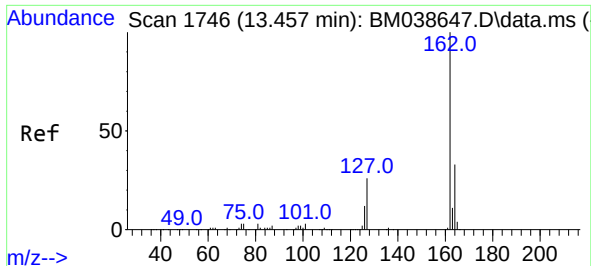


#46
1,1'-Biphenyl
Concen: 50.505 ng
RT: 13.410 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35



Tgt Ion:154 Resp: 677736
Ion Ratio Lower Upper
154 100
153 39.9 19.9 59.9
76 7.1 0.0 27.9





#47
2-Chloronaphthalene
Concen: 51.568 ng
RT: 13.451 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

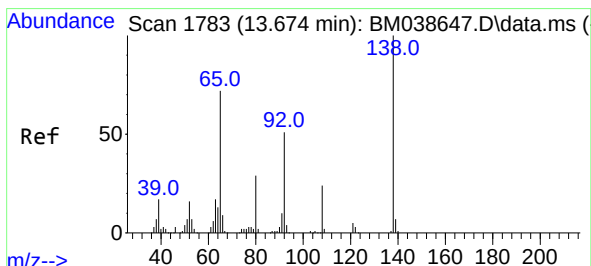
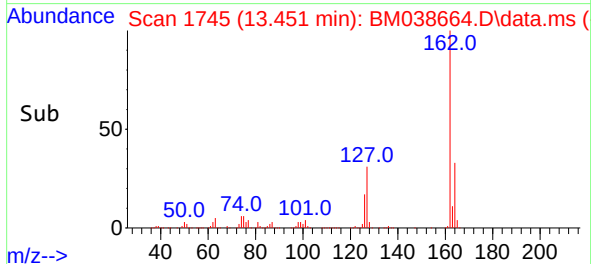
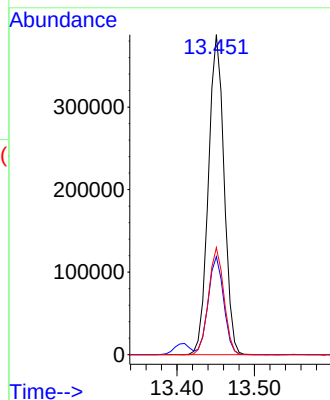
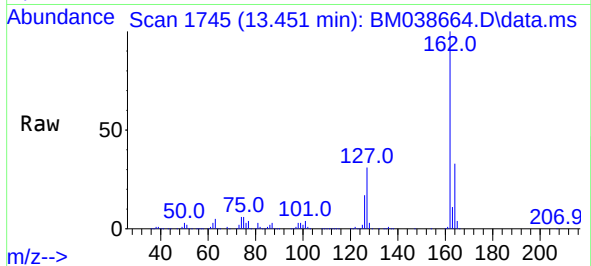
B-07-SB02MS

Tgt Ion:162 Resp: 544520
Ion Ratio Lower Upper
162 100
127 30.7 23.6 35.4
164 33.5 26.7 40.1

Manual Integrations

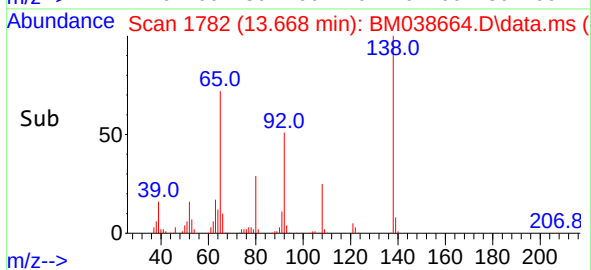
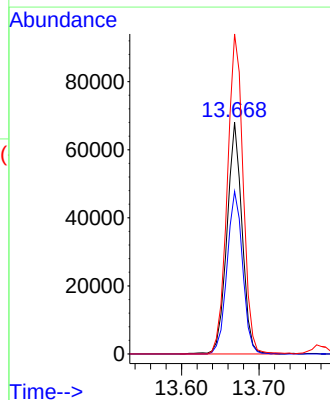
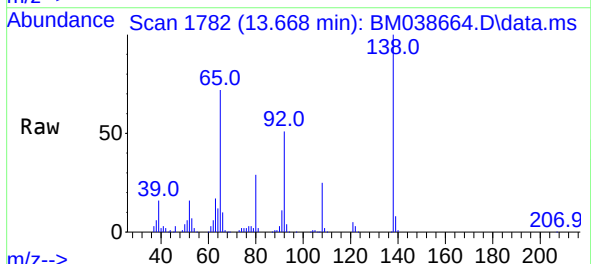
APPROVED

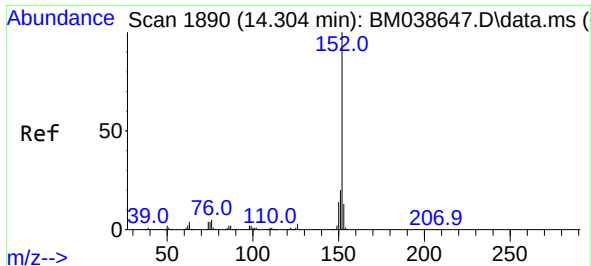
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#48
2-Nitroaniline
Concen: 39.062 ng
RT: 13.668 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

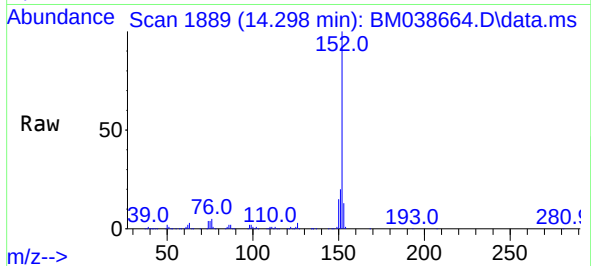
Tgt Ion: 65 Resp: 92079
Ion Ratio Lower Upper
65 100
92 70.2 55.9 83.9
138 138.1 110.6 166.0





#49
Acenaphthylene
Concen: 47.105 ng
RT: 14.298 min Scan# 1889
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

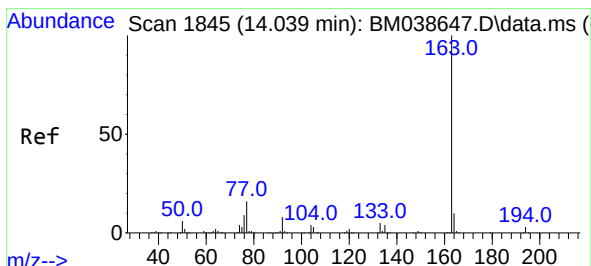
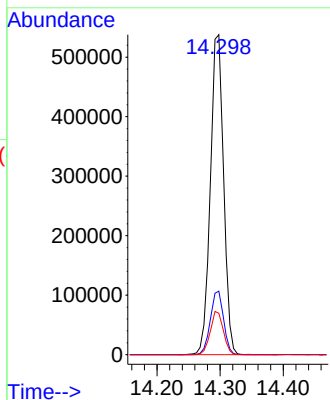
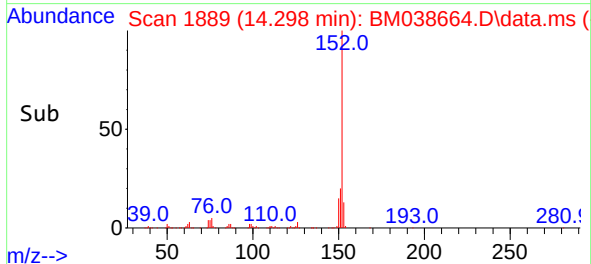
Instrument :
BNA_M
ClientSampleId :
B-07-SB02MS



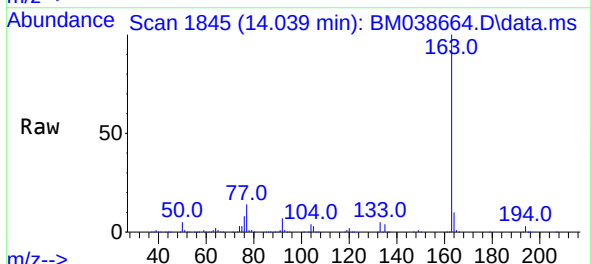
Tgt Ion:152 Resp: 783440
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 12.9 10.0 15.0

Manual Integrations
APPROVED

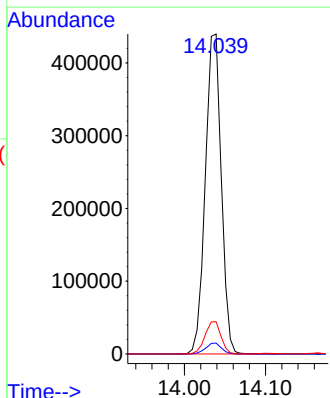
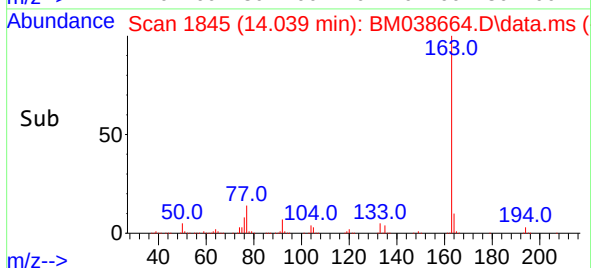
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

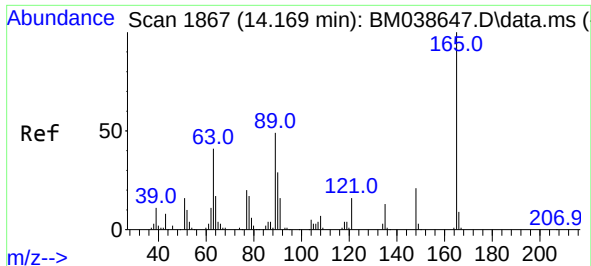


#50
Dimethylphthalate
Concen: 43.326 ng
RT: 14.039 min Scan# 1845
Delta R.T. -0.000 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35



Tgt Ion:163 Resp: 598945
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.1 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 44.177 ng
RT: 14.163 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

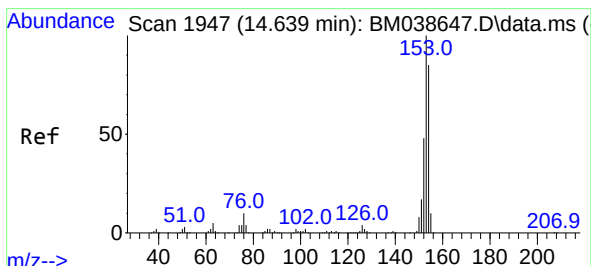
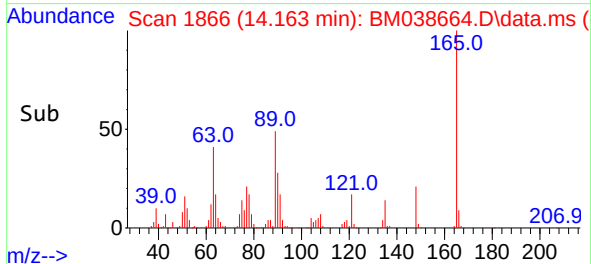
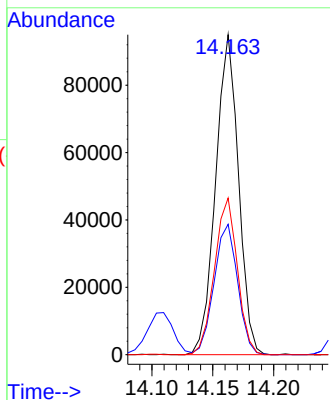
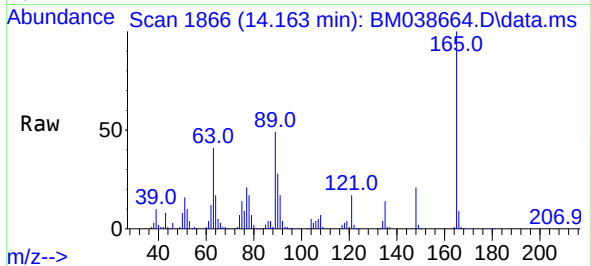
B-07-SB02MS

Tgt Ion:165 Resp: 12412
Ion Ratio Lower Upper
165 100
63 40.7 35.8 53.8
89 49.0 39.3 58.9

Manual Integrations

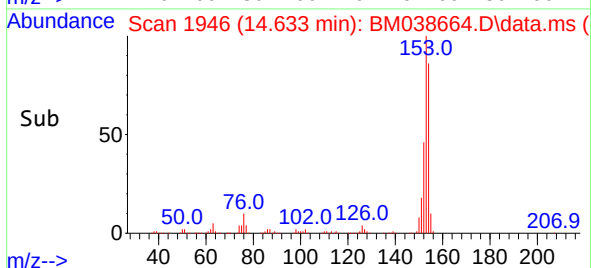
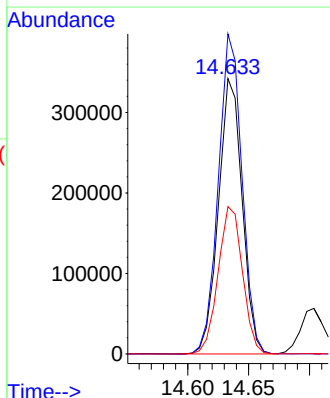
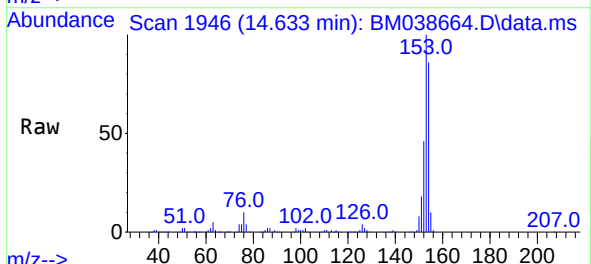
APPROVED

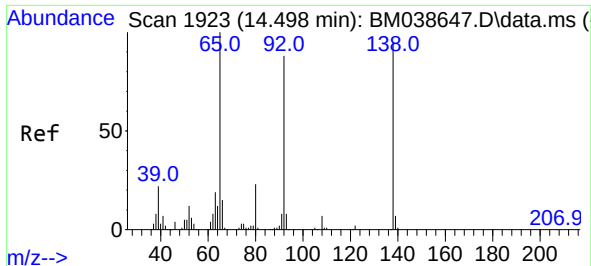
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#52
Acenaphthene
Concen: 46.727 ng
RT: 14.633 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Tgt Ion:154 Resp: 464036
Ion Ratio Lower Upper
154 100
153 116.2 93.7 140.5
152 53.5 44.6 67.0





#53
3-Nitroaniline
Concen: 24.651 ng
RT: 14.492 min Scan# 1922
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

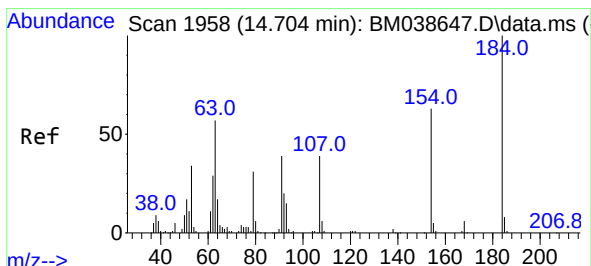
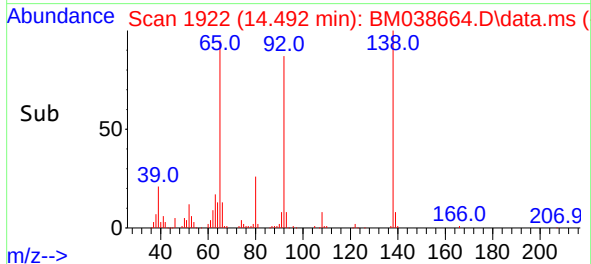
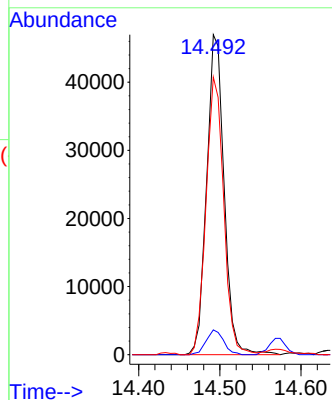
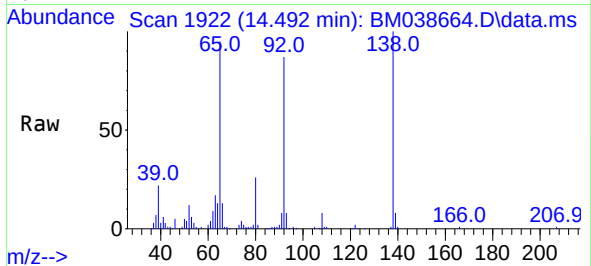
B-07-SB02MS

Tgt Ion:138 Resp: 7007
Ion Ratio Lower Upper
138 100
108 7.8 5.8 8.8
92 86.8 73.9 110.9

Manual Integrations

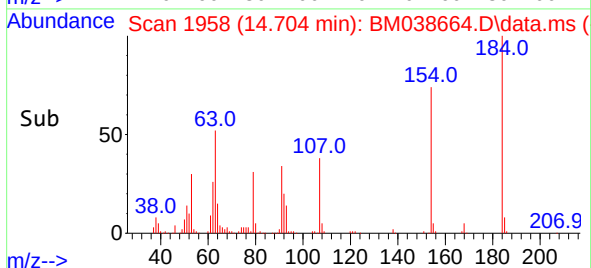
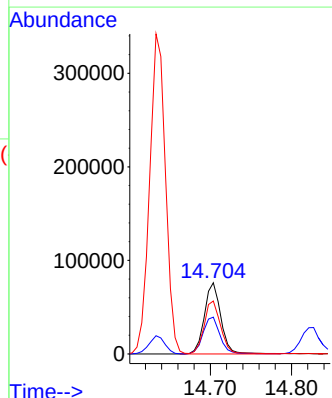
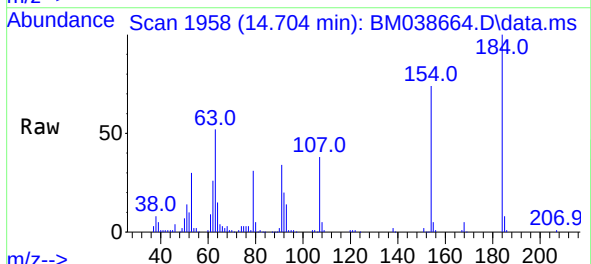
APPROVED

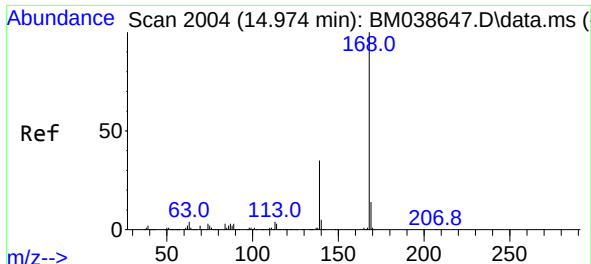
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#54
2,4-Dinitrophenol
Concen: 58.465 ng
RT: 14.704 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Tgt Ion:184 Resp: 106924
Ion Ratio Lower Upper
184 100
63 51.7 45.9 68.9
154 74.3 54.9 82.3





#55

Dibenzofuran

Concen: 44.836 ng

RT: 14.968 min Scan# 2004

Delta R.T. -0.006 min

Lab File: BM038664.D

Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

B-07-SB02MS

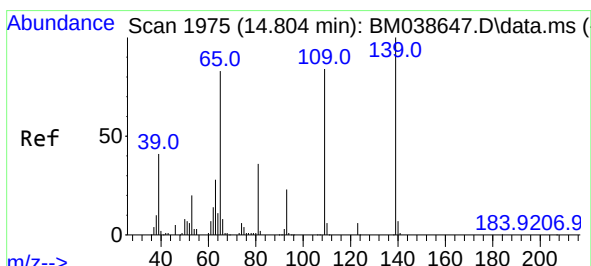
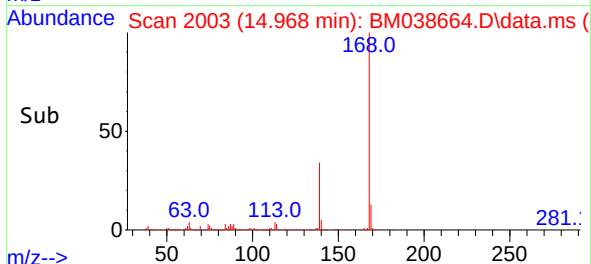
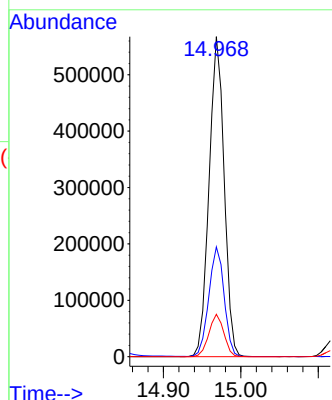
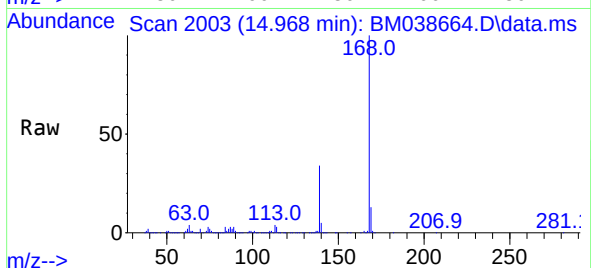
Tgt Ion:168 Resp: 766758

Ion	Ratio	Lower	Upper
168	100		
139	34.3	27.8	41.6
169	13.2	10.9	16.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#56

4-Nitrophenol

Concen: 77.744 ng

RT: 14.821 min Scan# 1978

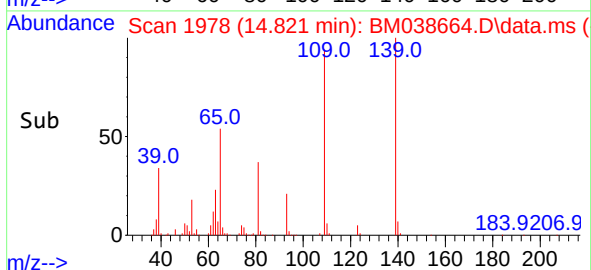
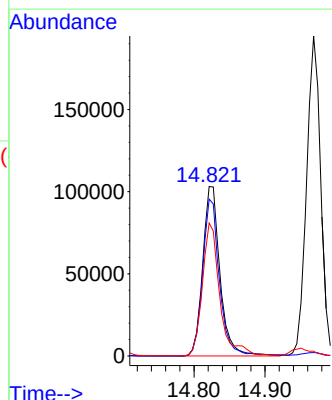
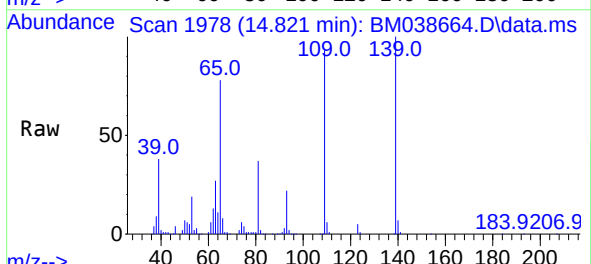
Delta R.T. 0.017 min

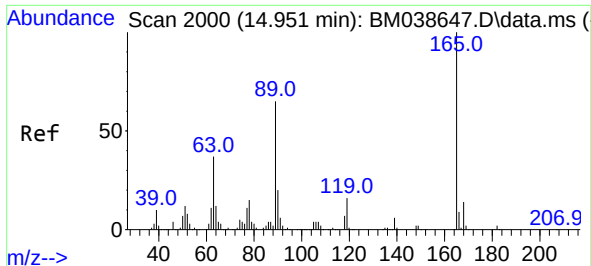
Lab File: BM038664.D

Acq: 02 Feb 2023 15:35

Tgt Ion:139 Resp: 175193

Ion	Ratio	Lower	Upper
139	100		
109	92.5	63.8	103.8
65	78.5	62.5	102.5





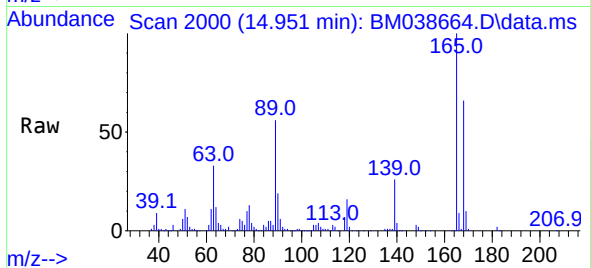
#57
2,4-Dinitrotoluene
Concen: 40.480 ng
RT: 14.951 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

B-07-SB02MS

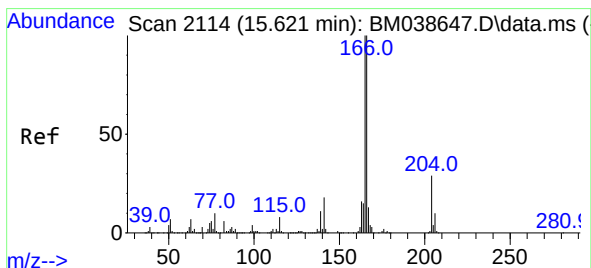
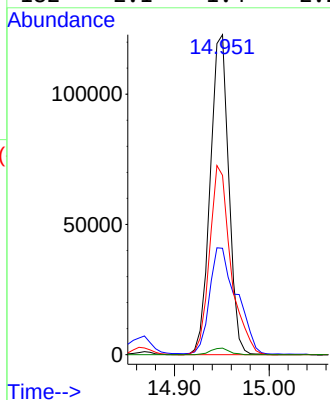
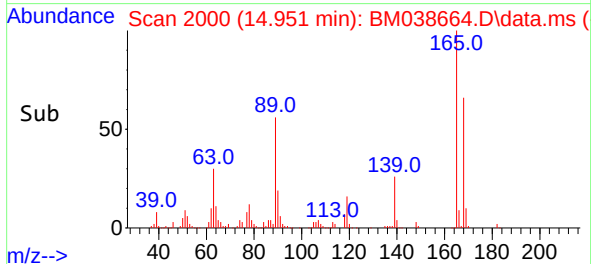


Tgt Ion:165 Resp: 16673
Ion Ratio Lower Upper
165 100
63 33.2 29.4 44.0
89 56.1 51.8 77.6
182 2.1 1.4 2.2

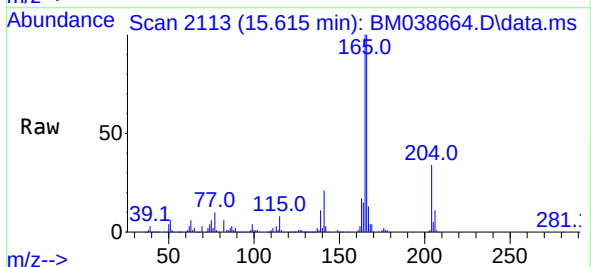
Manual Integrations

APPROVED

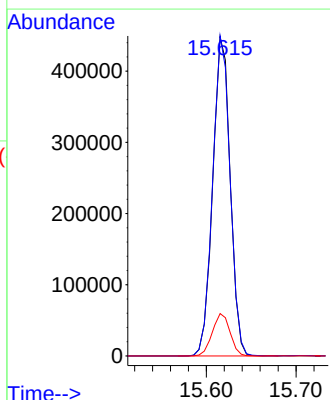
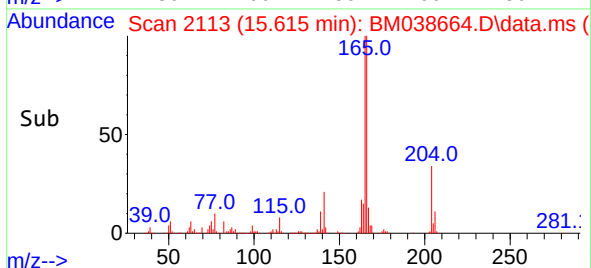
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

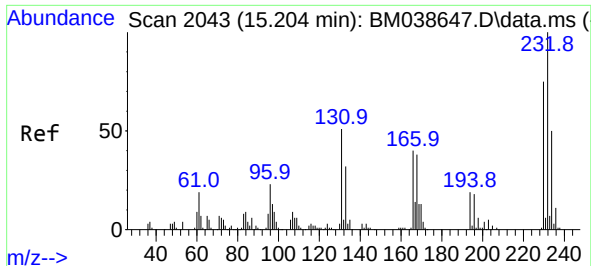


#58
Fluorene
Concen: 44.697 ng
RT: 15.615 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35



Tgt Ion:166 Resp: 604799
Ion Ratio Lower Upper
166 100
165 100.3 80.2 120.4
167 13.3 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.504 ng
RT: 15.204 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

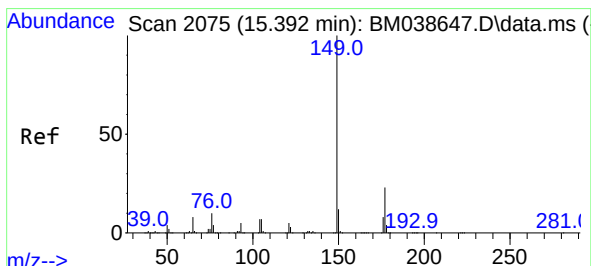
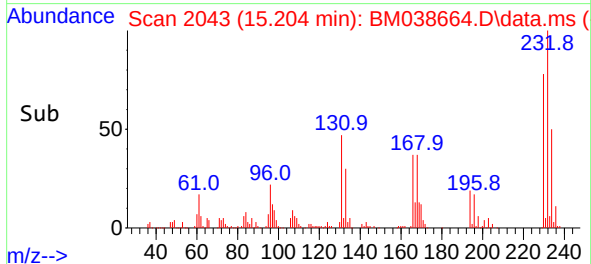
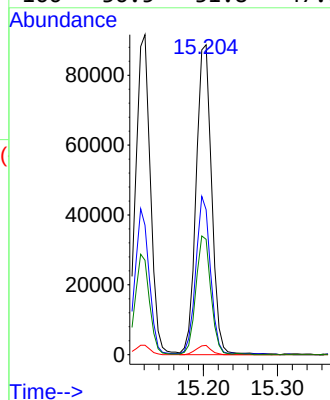
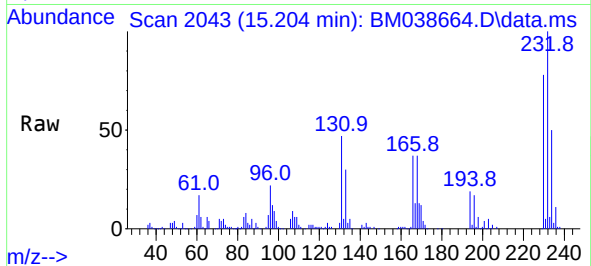
B-07-SB02MS

Tgt Ion:232 Resp: 129086
Ion Ratio Lower Upper
232 100
131 47.7 41.2 61.8
130 2.9 2.4 3.6
166 36.5 31.8 47.6

Manual Integrations

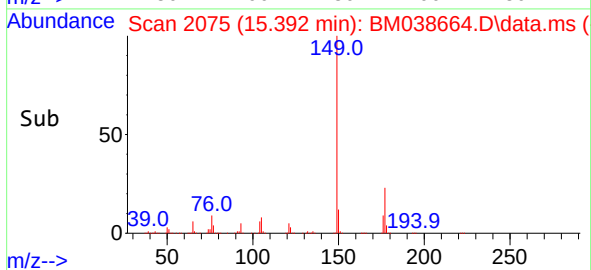
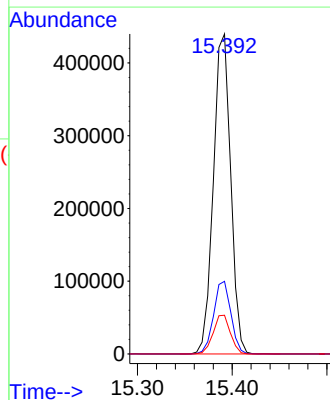
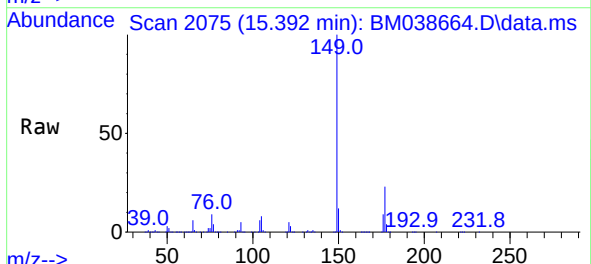
APPROVED

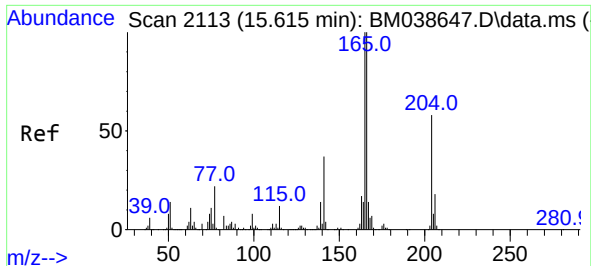
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#60
Diethylphthalate
Concen: 42.551 ng
RT: 15.392 min Scan# 2075
Delta R.T. -0.000 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Tgt Ion:149 Resp: 557266
Ion Ratio Lower Upper
149 100
177 22.7 18.1 27.1
150 12.1 10.0 15.0





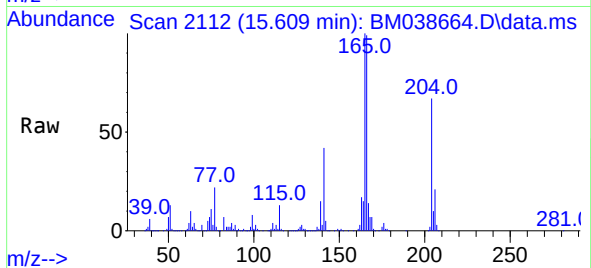
#61
4-Chlorophenyl-phenylether
Concen: 46.271 ng
RT: 15.609 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

B-07-SB02MS

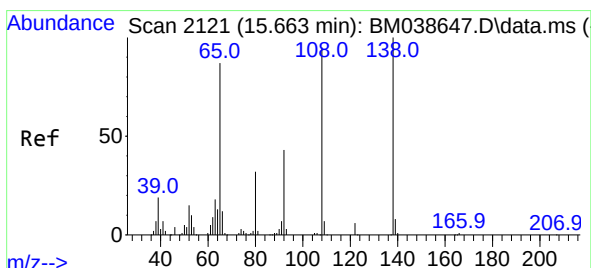
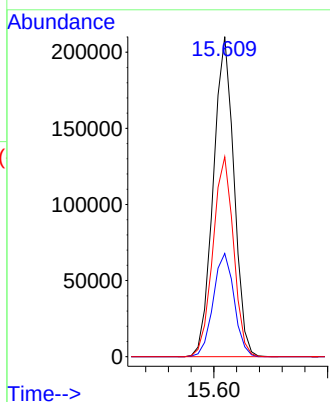
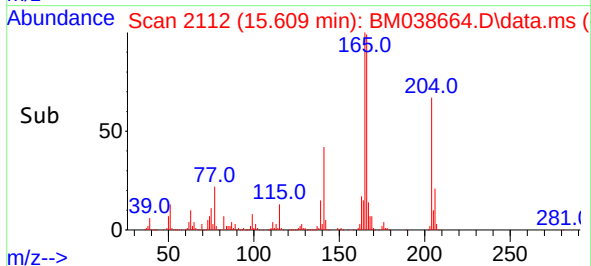


Tgt Ion:204 Resp: 265614
Ion Ratio Lower Upper
204 100
206 32.2 25.3 37.9
141 62.5 51.3 76.9

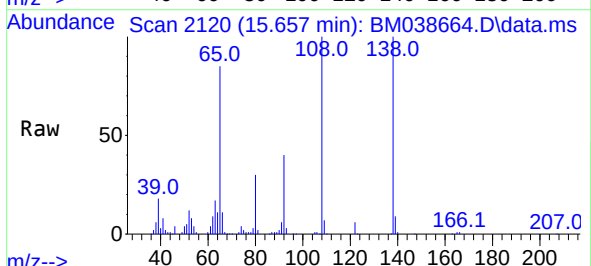
Manual Integrations

APPROVED

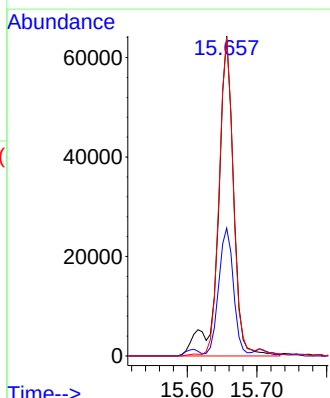
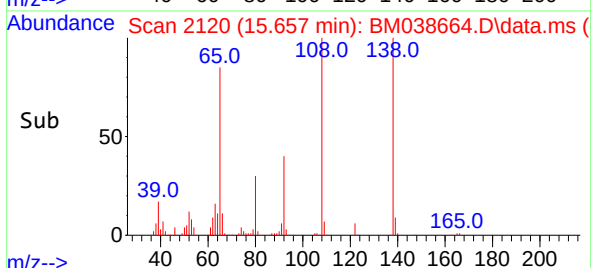
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

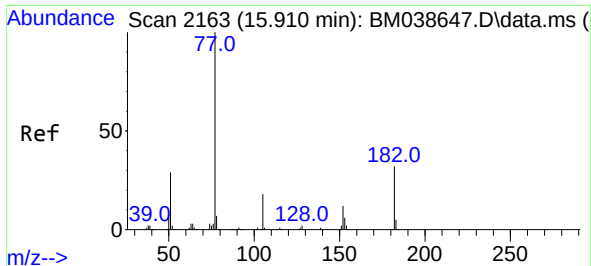


#62
4-Nitroaniline
Concen: 33.275 ng m
RT: 15.657 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35



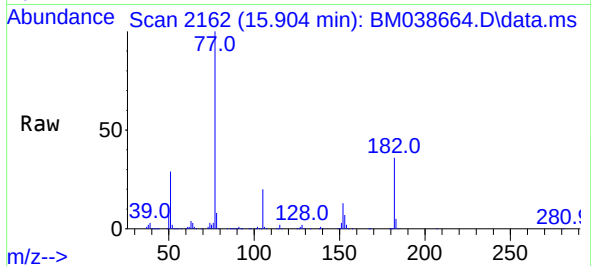
Tgt Ion:138 Resp: 98662
Ion Ratio Lower Upper
138 100
92 39.9 23.4 63.4
108 99.7 75.1 115.1





#63
Azobenzene
Concen: 40.625 ng
RT: 15.904 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

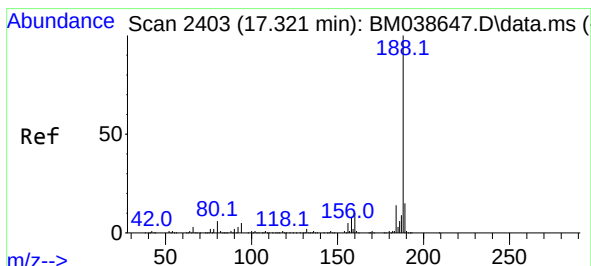
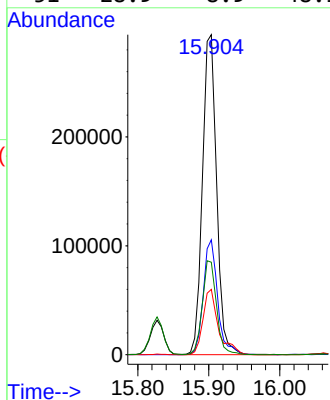
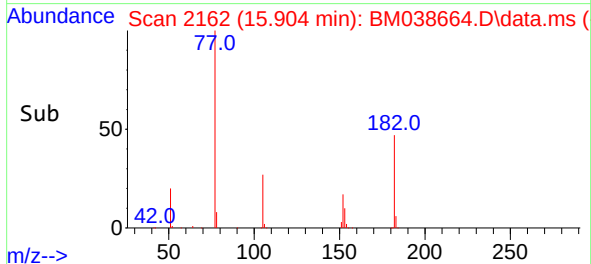
Instrument :
BNA_M
ClientSampleId :
B-07-SB02MS



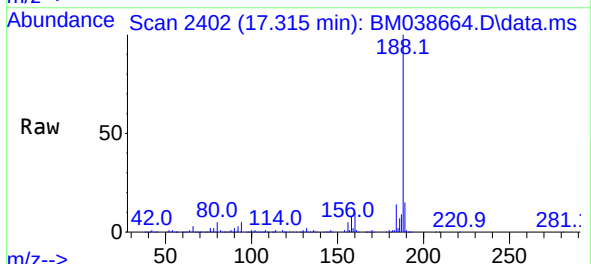
Tgt Ion: 77 Resp: 409338
Ion Ratio Lower Upper
77 100
182 35.9 12.0 52.0
105 20.4 0.0 37.5
51 28.9 8.9 48.9

Manual Integrations
APPROVED

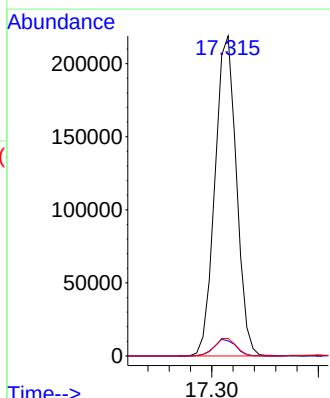
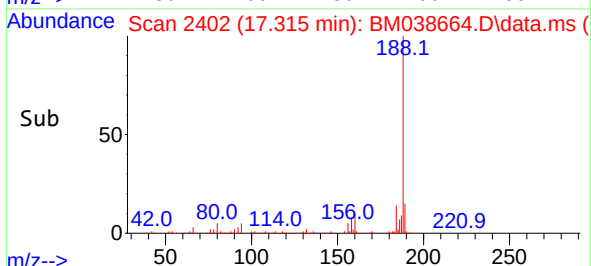
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

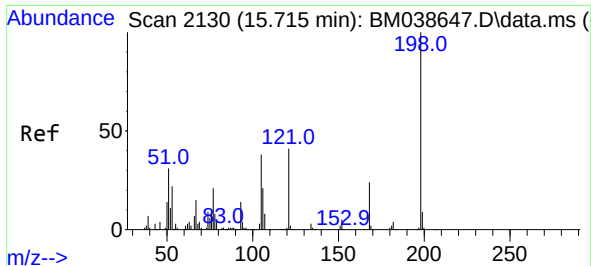


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.315 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35



Tgt Ion:188 Resp: 305912
Ion Ratio Lower Upper
188 100
94 4.7 4.2 6.4
80 5.4 4.6 7.0





#65
4,6-Dinitro-2-methylphenol
Concen: 37.651 ng
RT: 15.709 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

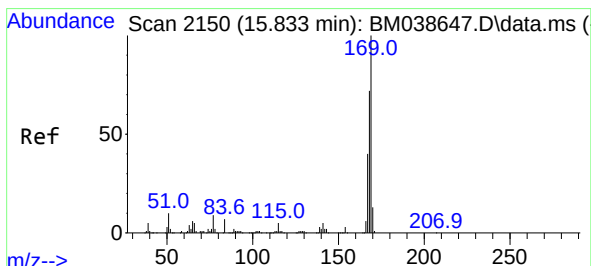
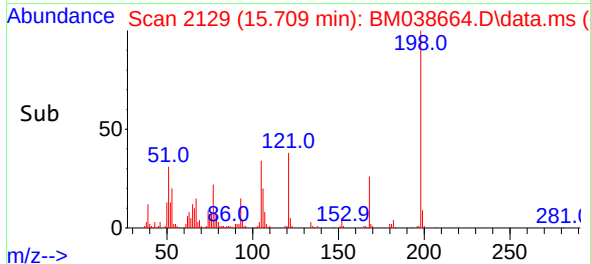
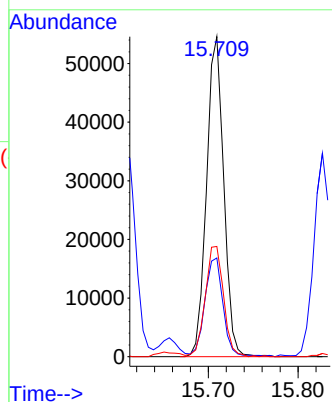
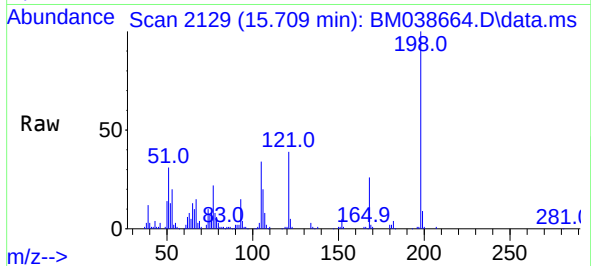
B-07-SB02MS

Tgt Ion:198 Resp: 72500
Ion Ratio Lower Upper
198 100
51 30.8 13.0 53.0
105 34.4 17.9 57.9

Manual Integrations

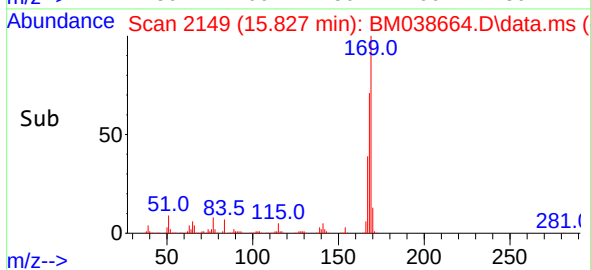
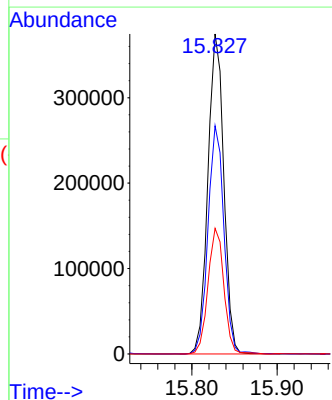
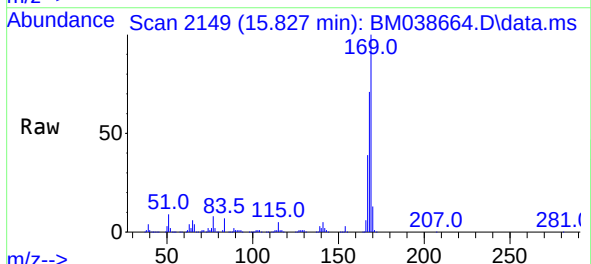
APPROVED

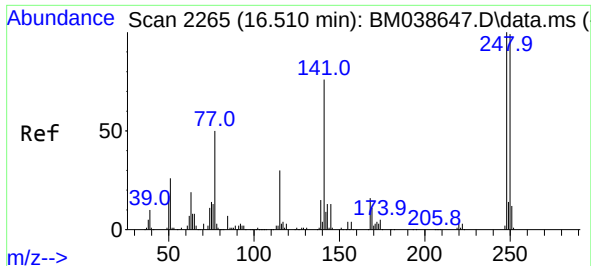
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#66
n-Nitrosodiphenylamine
Concen: 48.532 ng
RT: 15.827 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Tgt Ion:169 Resp: 484762
Ion Ratio Lower Upper
169 100
168 71.3 57.6 86.4
167 39.2 32.3 48.5





#67
4-Bromophenyl-phenylether
Concen: 51.720 ng
RT: 16.504 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

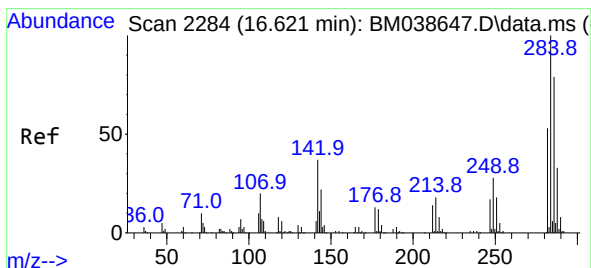
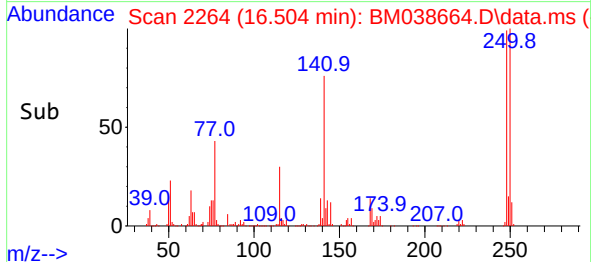
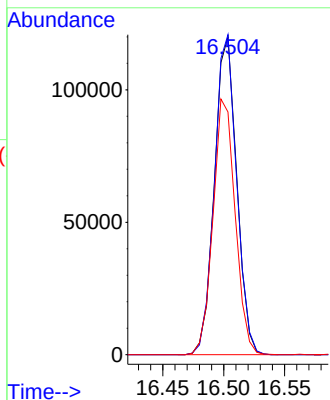
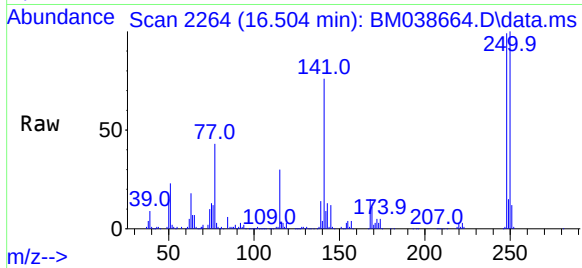
B-07-SB02MS

Tgt Ion:248 Resp: 152769
Ion Ratio Lower Upper
248 100
250 100.6 79.4 119.2
141 76.3 61.0 91.6

Manual Integrations

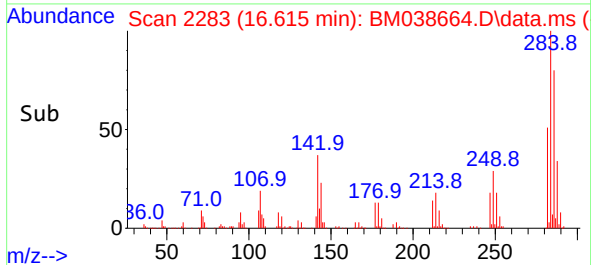
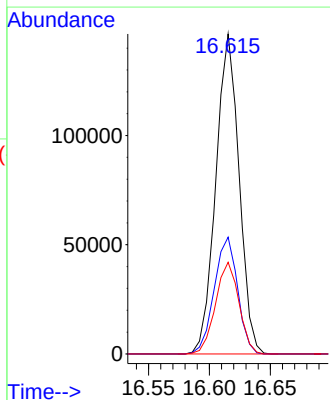
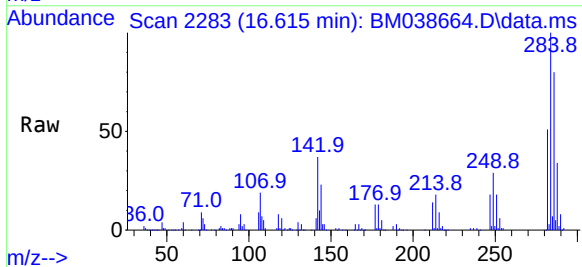
APPROVED

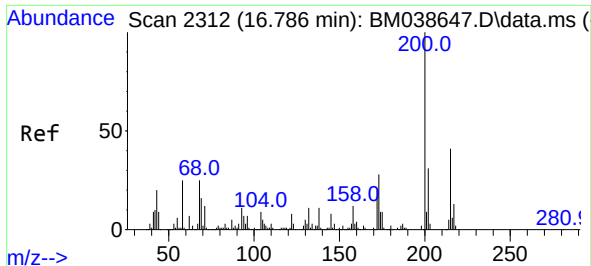
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#68
Hexachlorobenzene
Concen: 53.906 ng
RT: 16.615 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

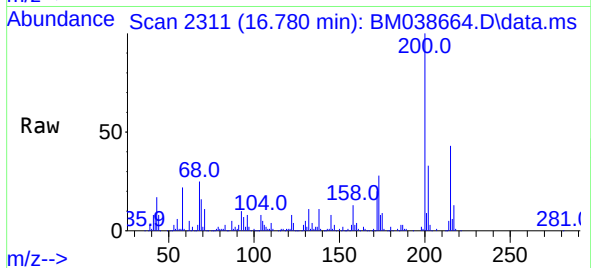
Tgt Ion:284 Resp: 194596
Ion Ratio Lower Upper
284 100
142 36.5 29.8 44.6
249 28.6 22.2 33.4





#69
Atrazine
Concen: 50.850 ng
RT: 16.780 min Scan# 211
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

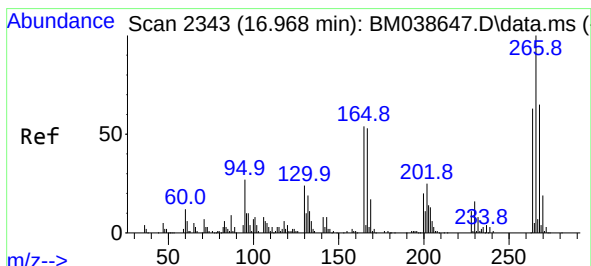
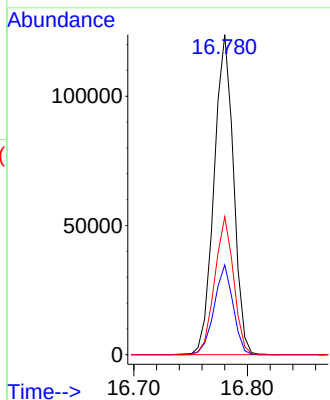
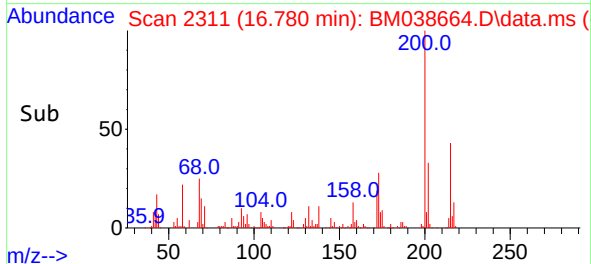
Instrument :
BNA_M
ClientSampleId :
B-07-SB02MS



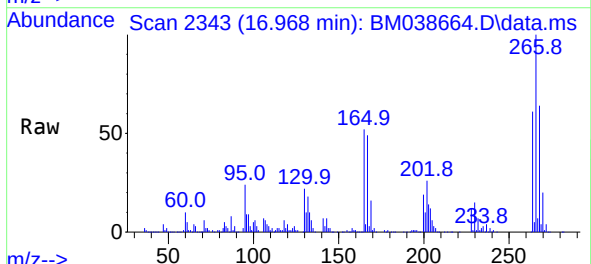
Tgt Ion:200 Resp: 14721
Ion Ratio Lower Upper
200 100
173 28.1 7.9 47.9
215 43.1 20.8 60.8

Manual Integrations
APPROVED

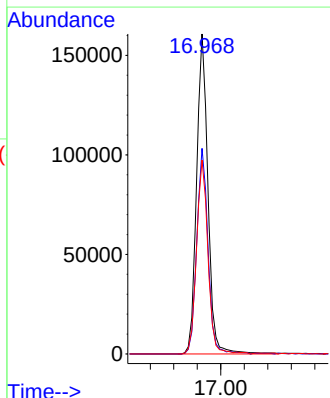
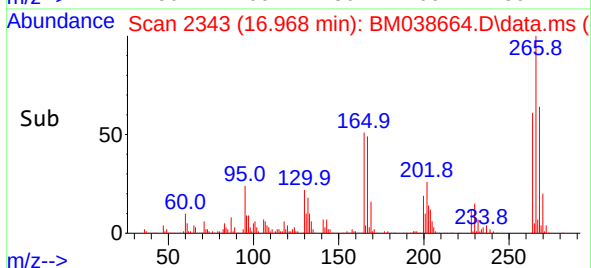
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

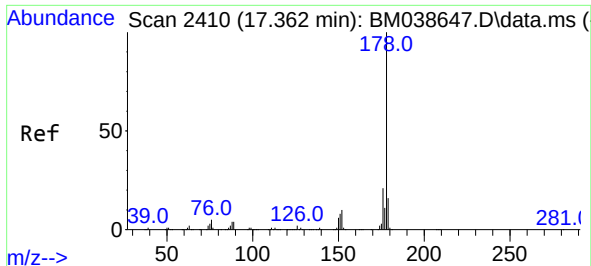


#70
Pentachlorophenol
Concen: 81.844 ng
RT: 16.968 min Scan# 2343
Delta R.T. 0.000 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35



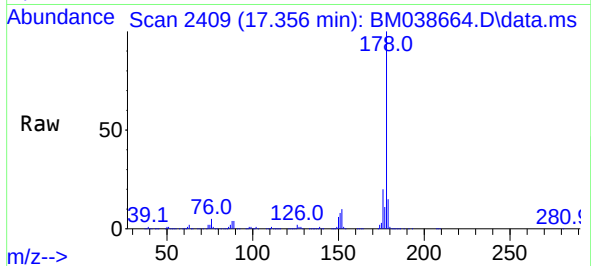
Tgt Ion:266 Resp: 215375
Ion Ratio Lower Upper
266 100
268 64.3 51.8 77.6
264 60.6 50.6 76.0





#71
Phenanthrene
Concen: 46.761 ng
RT: 17.356 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

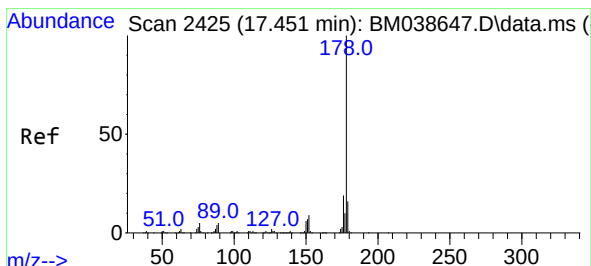
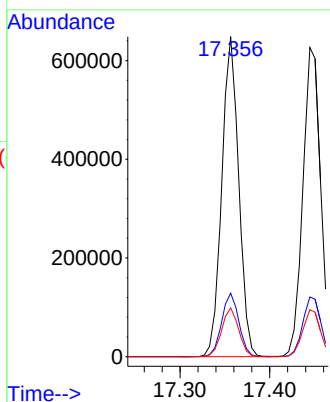
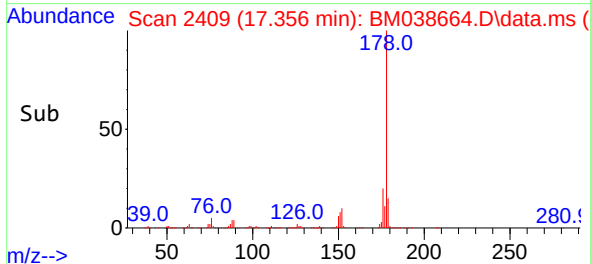
Instrument :
BNA_M
ClientSampleId :
B-07-SB02MS



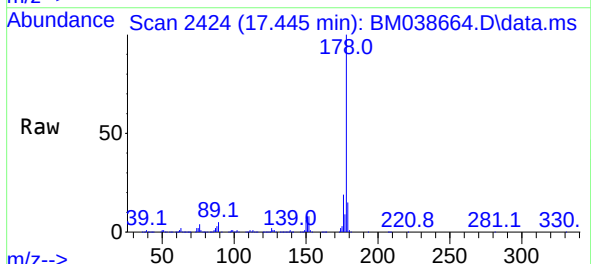
Tgt Ion:178 Resp: 849378
Ion Ratio Lower Upper
178 100
176 19.9 16.7 25.1
179 15.2 12.5 18.7

Manual Integrations
APPROVED

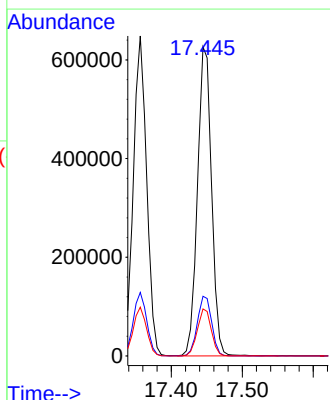
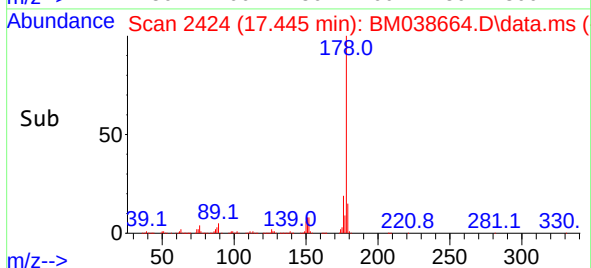
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

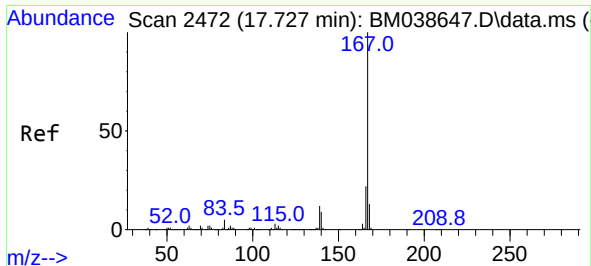


#72
Anthracene
Concen: 46.522 ng
RT: 17.445 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35



Tgt Ion:178 Resp: 864481
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.2 12.4 18.6





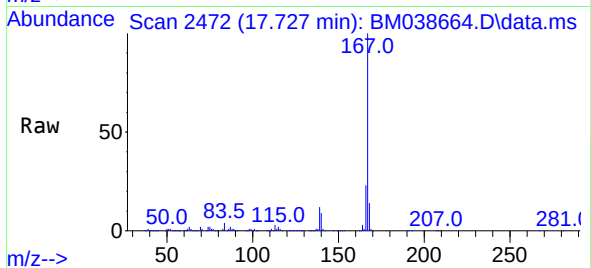
#73
 Carbazole
 Concen: 43.482 ng
 RT: 17.727 min Scan# 2472
 Delta R.T. -0.000 min
 Lab File: BM038664.D
 Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

B-07-SB02MS

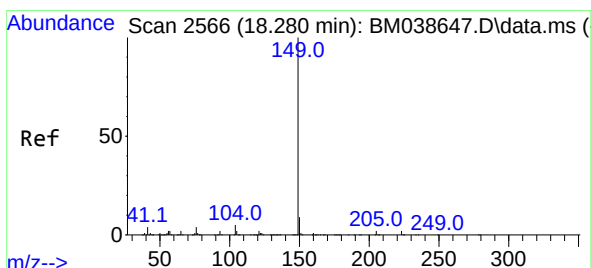
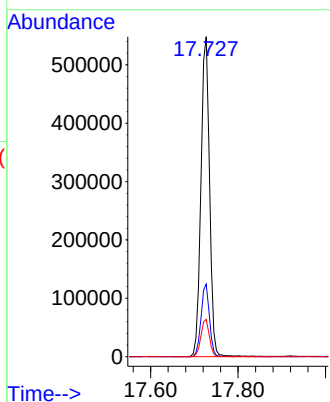
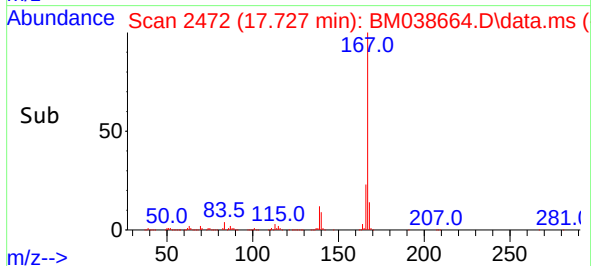


Tgt Ion:167 Resp: 753559
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.8 26.6
 139 11.7 9.4 14.2

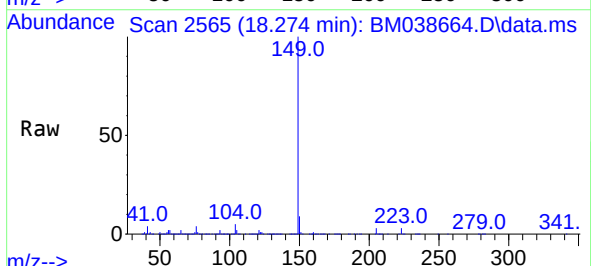
Manual Integrations

APPROVED

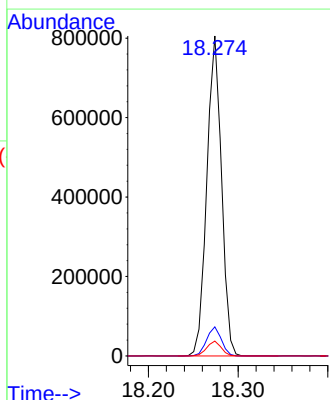
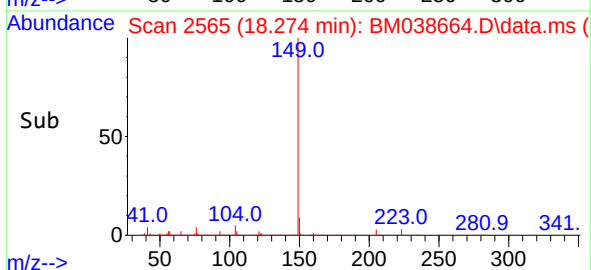
Reviewed By :Christian Giraldo 02/06/2023
 Supervised By :Jagrut Upadhyay 02/06/2023

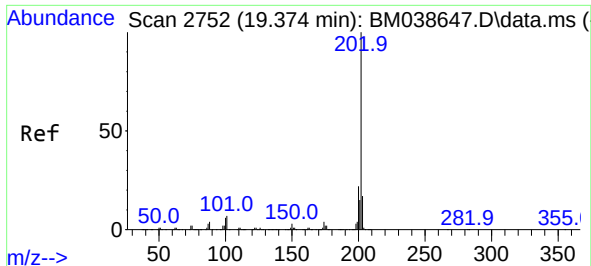


#74
 Di-n-butylphthalate
 Concen: 46.621 ng
 RT: 18.274 min Scan# 2565
 Delta R.T. -0.006 min
 Lab File: BM038664.D
 Acq: 02 Feb 2023 15:35



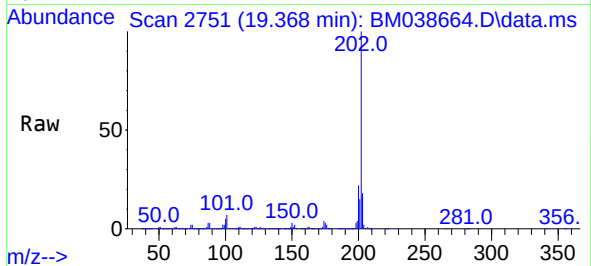
Tgt Ion:149 Resp: 912829
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 4.6 3.8 5.6





#75
Fluoranthene
Concen: 42.615 ng
RT: 19.368 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

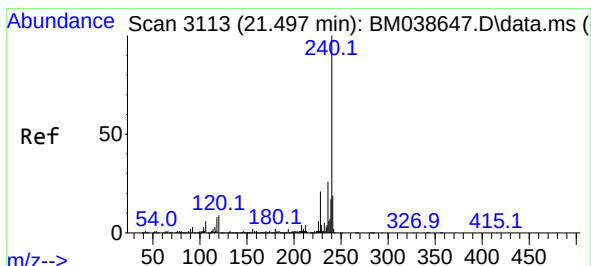
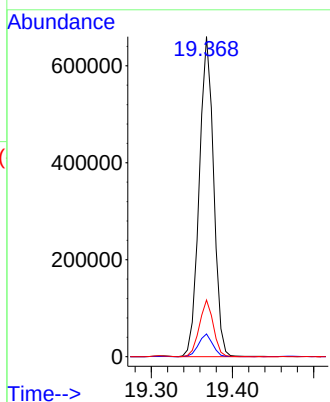
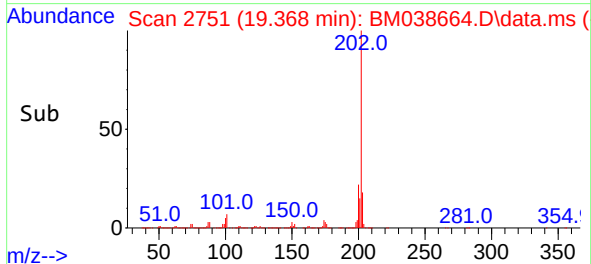
Instrument :
BNA_M
ClientSampleId :
B-07-SB02MS



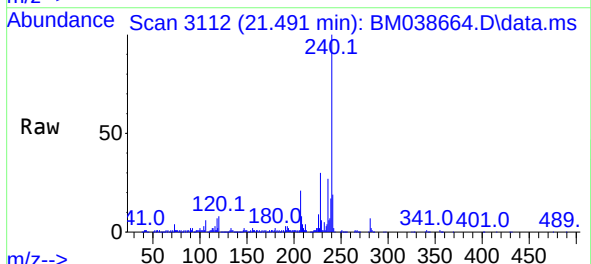
Tgt Ion:202 Resp: 812729
Ion Ratio Lower Upper
202 100
101 7.1 0.0 27.4
203 17.7 0.0 37.3

Manual Integrations
APPROVED

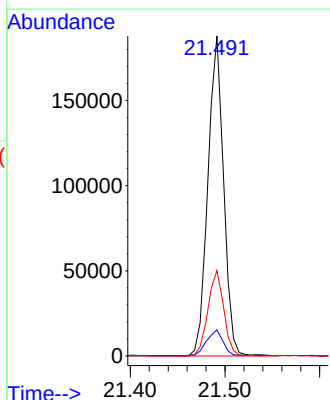
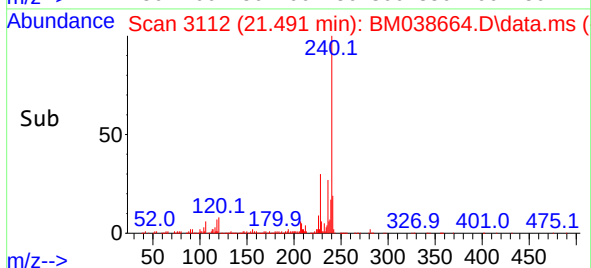
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

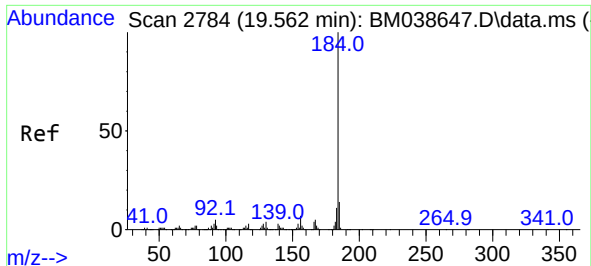


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.491 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35



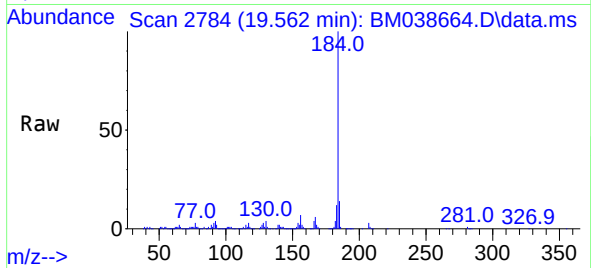
Tgt Ion:240 Resp: 216089
Ion Ratio Lower Upper
240 100
120 8.1 7.0 10.4
236 26.7 20.9 31.3





#77
Benzidine
Concen: 48.889 ng
RT: 19.562 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

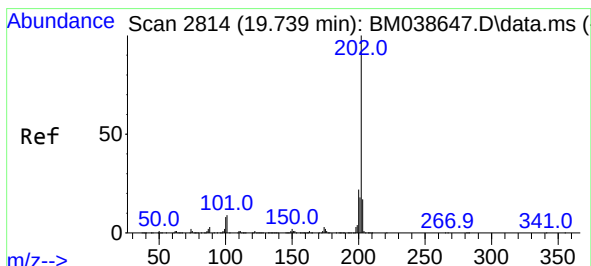
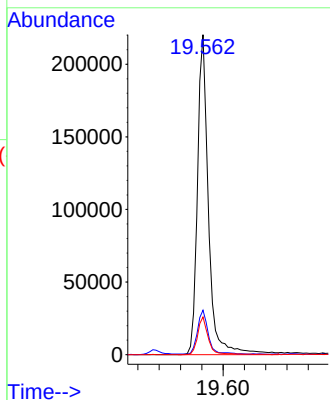
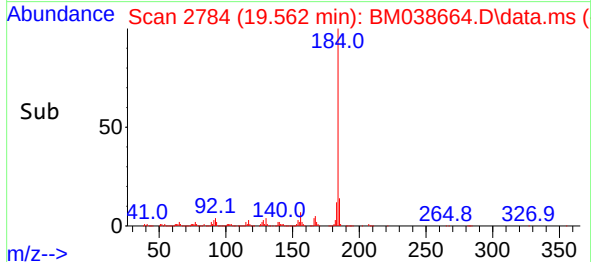
Instrument :
BNA_M
ClientSampleId :
B-07-SB02MS



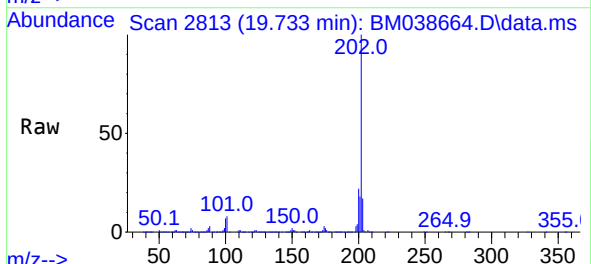
Tgt Ion:184 Resp: 31779
Ion Ratio Lower Upper
184 100
185 13.9 10.8 16.2
183 11.8 8.8 13.2

Manual Integrations
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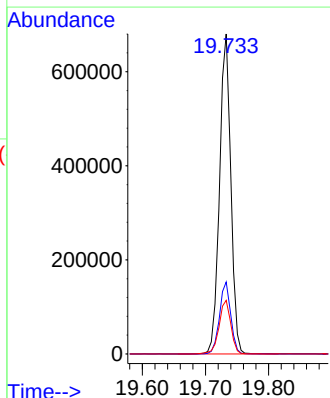
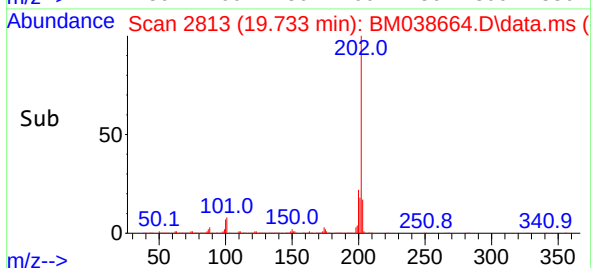
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

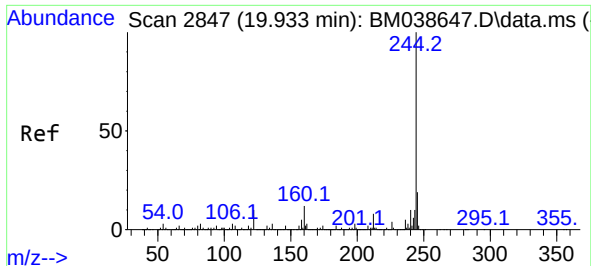


#78
Pyrene
Concen: 50.837 ng
RT: 19.733 min Scan# 2813
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35



Tgt Ion:202 Resp: 845772
Ion Ratio Lower Upper
202 100
200 22.5 17.8 26.6
203 16.8 13.5 20.3





#79
 Terphenyl-d14
 Concen: 83.126 ng
 RT: 19.927 min Scan# 2846
 Delta R.T. -0.006 min
 Lab File: BM038664.D
 Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

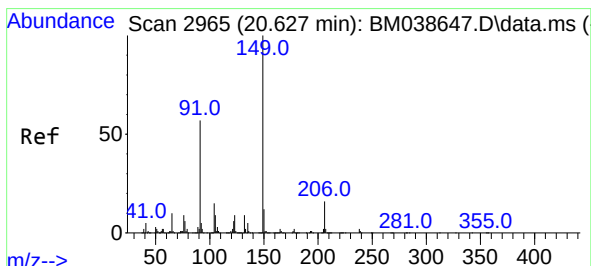
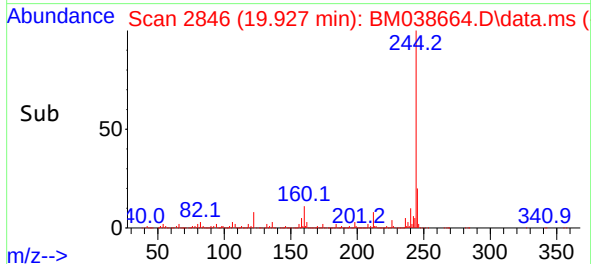
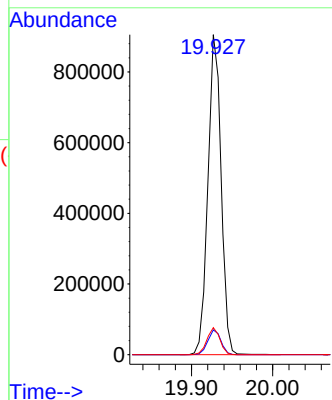
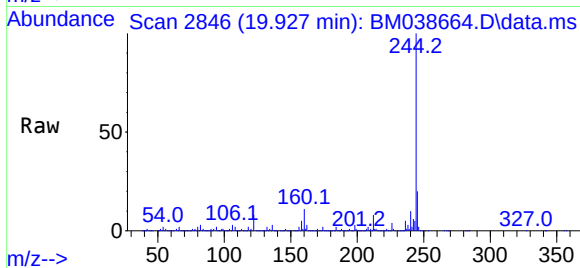
B-07-SB02MS

Tgt Ion:244 Resp: 1017890
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.6 9.8
 122 8.4 7.8 11.8

Manual Integrations

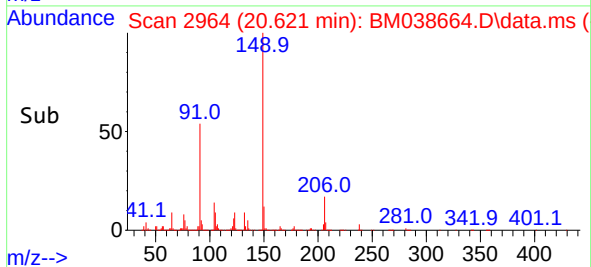
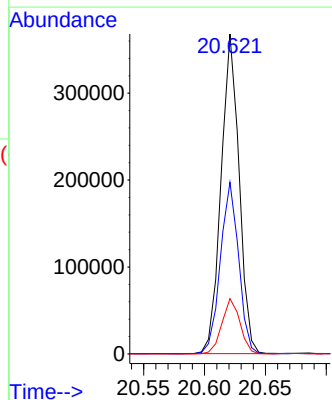
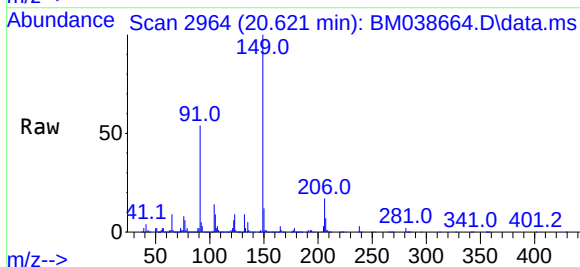
APPROVED

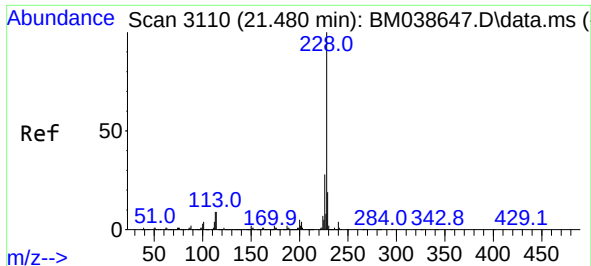
Reviewed By :Christian Giraldo 02/06/2023
 Supervised By :Jagrut Upadhyay 02/06/2023



#80
 Butylbenzylphthalate
 Concen: 45.945 ng
 RT: 20.621 min Scan# 2964
 Delta R.T. -0.006 min
 Lab File: BM038664.D
 Acq: 02 Feb 2023 15:35

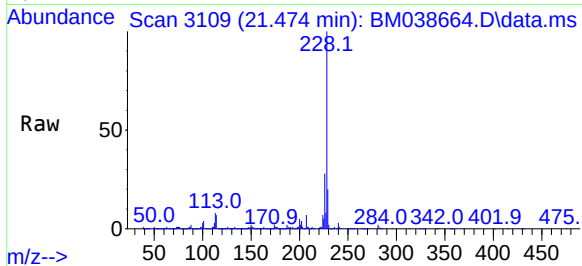
Tgt Ion:149 Resp: 379814
 Ion Ratio Lower Upper
 149 100
 91 53.6 45.6 68.4
 206 17.3 12.5 18.7





#81
Benzo(a)anthracene
Concen: 47.465 ng
RT: 21.474 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

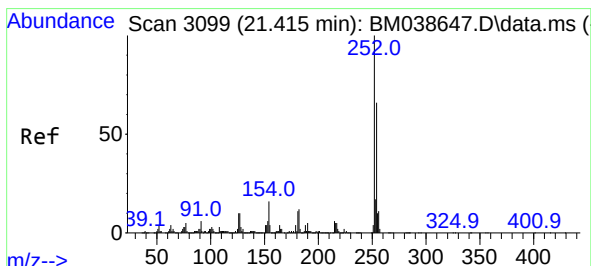
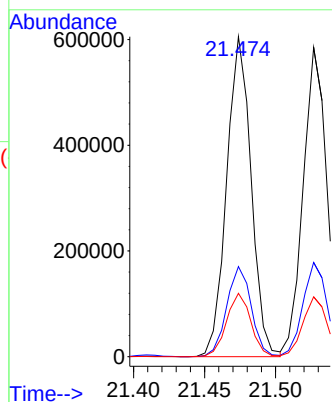
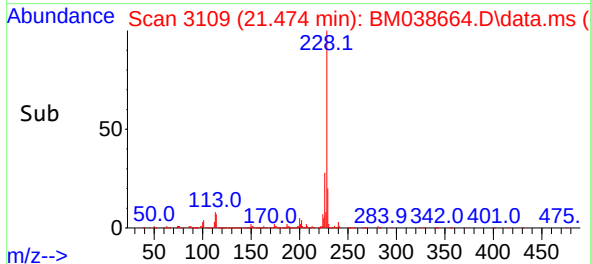
Instrument :
BNA_M
ClientSampleId :
B-07-SB02MS



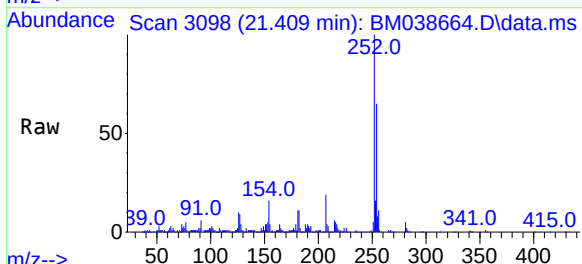
Tgt Ion:228 Resp: 725518
Ion Ratio Lower Upper
228 100
226 28.2 22.2 33.4
229 19.8 15.5 23.3

Manual Integrations
APPROVED

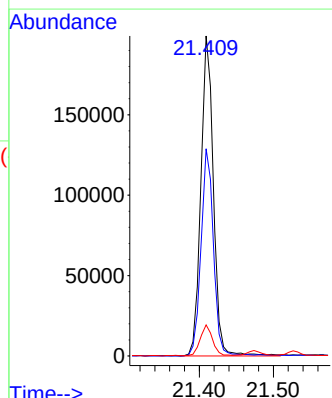
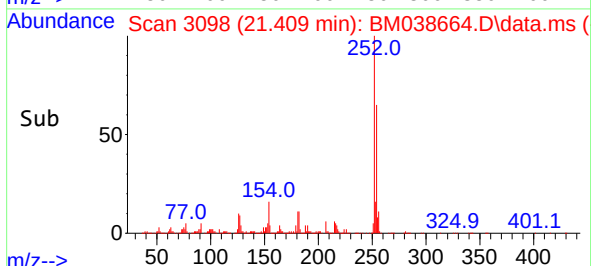
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

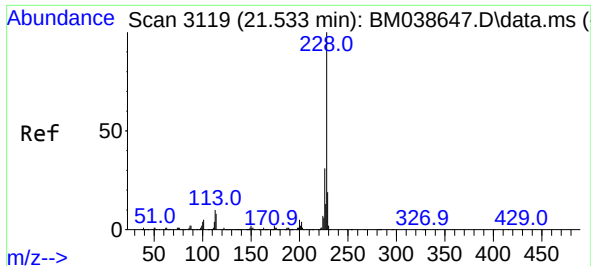


#82
3,3'-Dichlorobenzidine
Concen: 44.461 ng
RT: 21.409 min Scan# 3098
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35



Tgt Ion:252 Resp: 233806
Ion Ratio Lower Upper
252 100
254 64.7 52.8 79.2
126 9.7 8.2 12.2





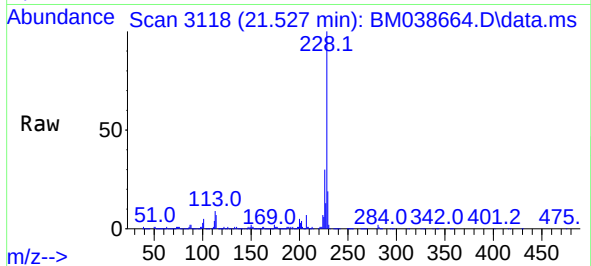
#83
Chrysene
Concen: 46.216 ng
RT: 21.527 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

B-07-SB02MS

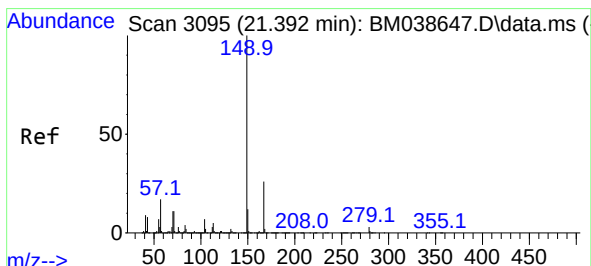
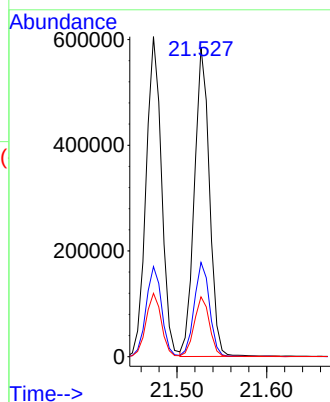
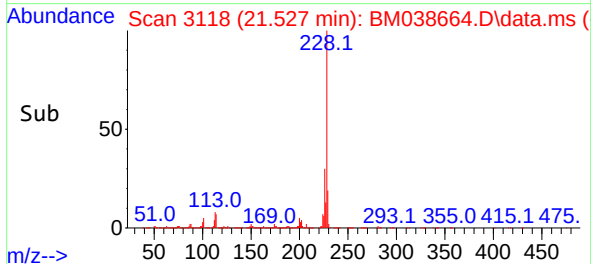


Tgt Ion:228 Resp: 680648
Ion Ratio Lower Upper
228 100
226 30.5 24.7 37.1
229 19.4 15.5 23.3

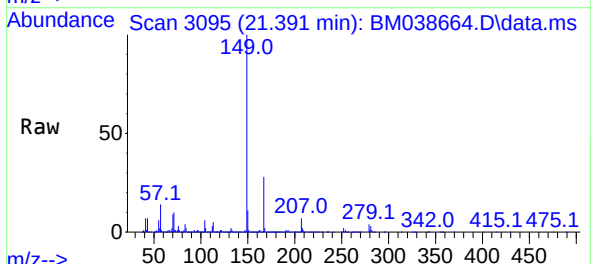
Manual Integrations

APPROVED

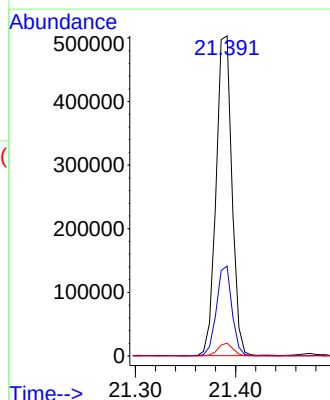
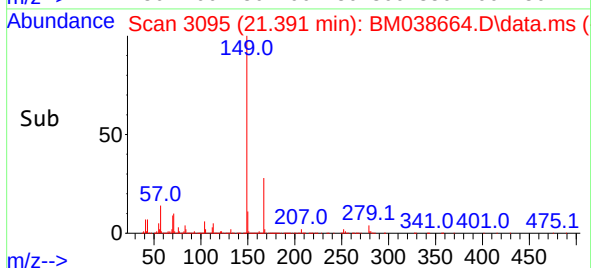
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

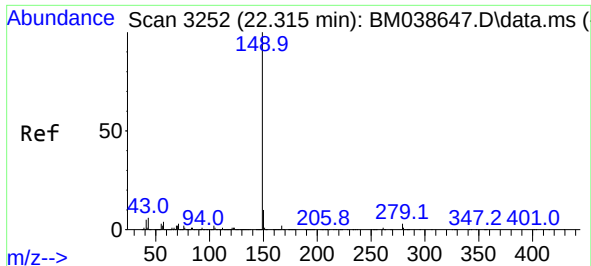


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.712 ng
RT: 21.391 min Scan# 3095
Delta R.T. -0.001 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35



Tgt Ion:149 Resp: 550028
Ion Ratio Lower Upper
149 100
167 28.1 20.8 31.2
279 4.0 2.5 3.7





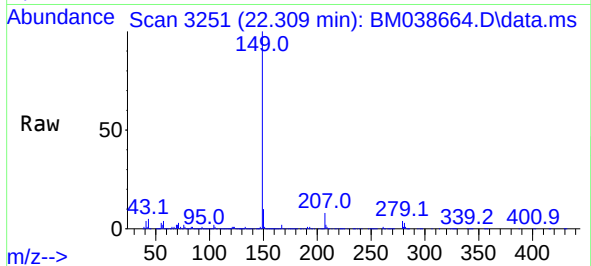
#85
Di-n-octyl phthalate
Concen: 48.223 ng
RT: 22.309 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

B-07-SB02MS

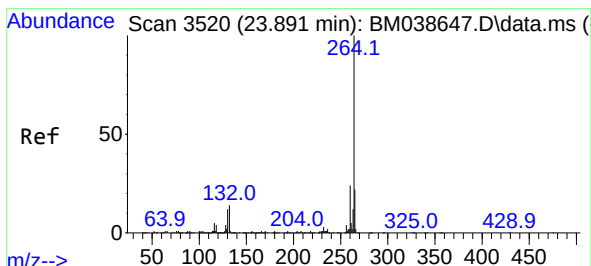
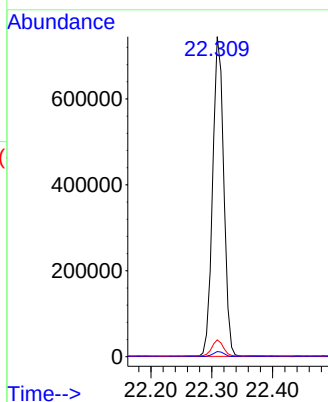
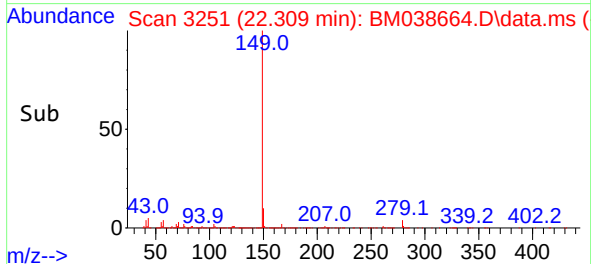


Tgt Ion:149 Resp: 944342
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 5.1 4.6 6.8

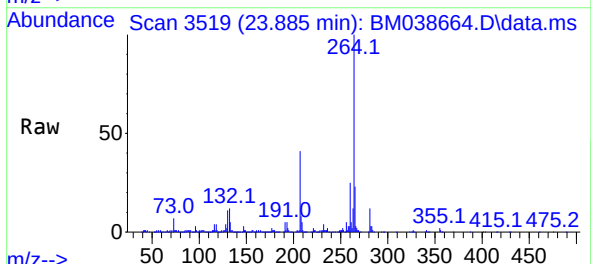
Manual Integrations

APPROVED

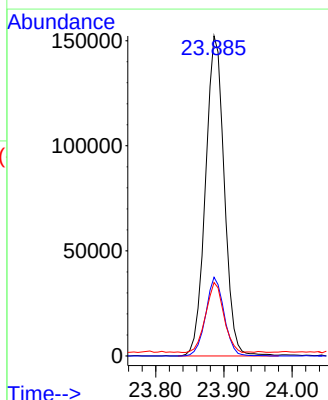
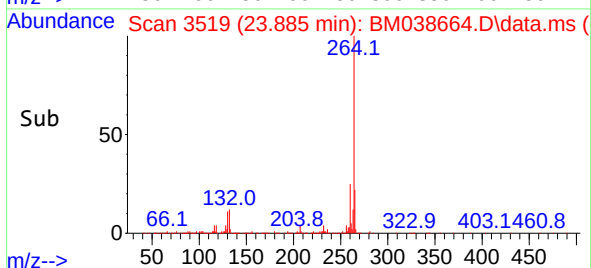
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

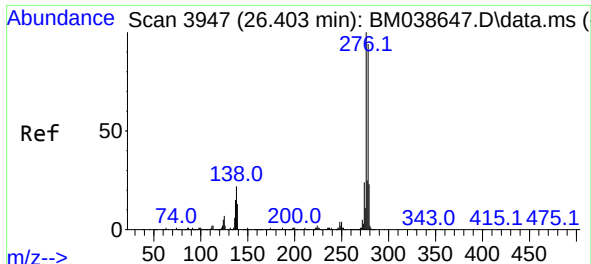


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.885 min Scan# 3519
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35



Tgt Ion:264 Resp: 291872
Ion Ratio Lower Upper
264 100
260 24.6 19.6 29.4
265 22.9 17.9 26.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 54.588 ng
RT: 26.391 min Scan# 3945
Delta R.T. -0.012 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

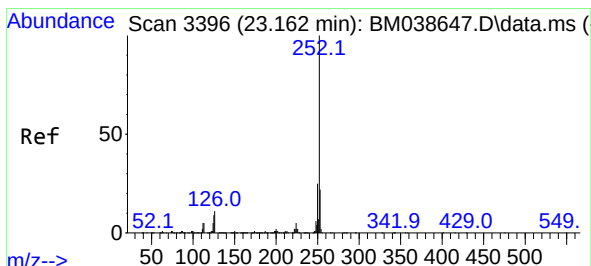
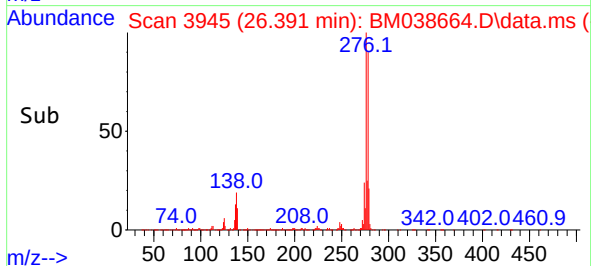
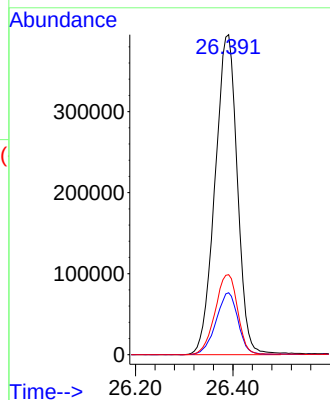
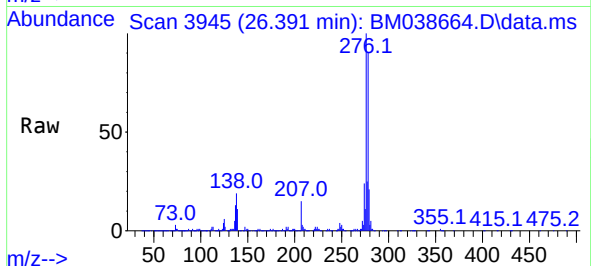
B-07-SB02MS

Tgt Ion:276 Resp: 125495
Ion Ratio Lower Upper
276 100
138 19.2 17.2 25.8
277 25.4 20.2 30.4

Manual Integrations

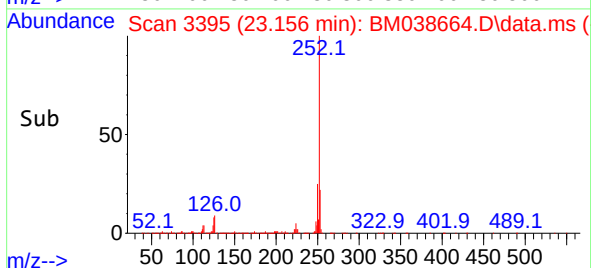
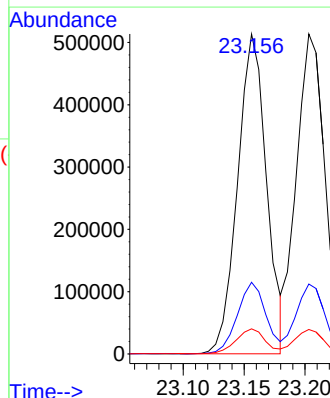
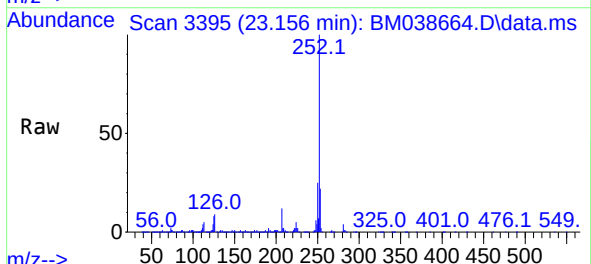
APPROVED

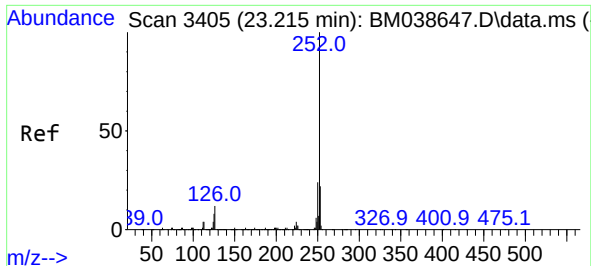
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#88
Benzo(b)fluoranthene
Concen: 48.425 ng
RT: 23.156 min Scan# 3395
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Tgt Ion:252 Resp: 846563
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 7.9 7.0 10.6





#89
Benzo(k)fluoranthene
Concen: 47.525 ng
RT: 23.203 min Scan# 34
Delta R.T. -0.012 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

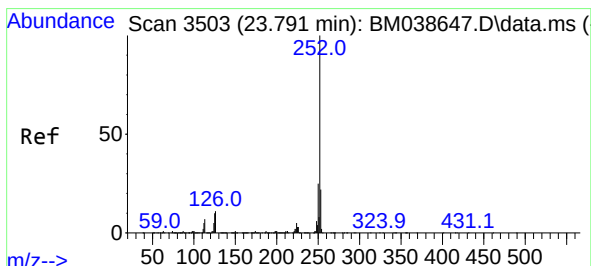
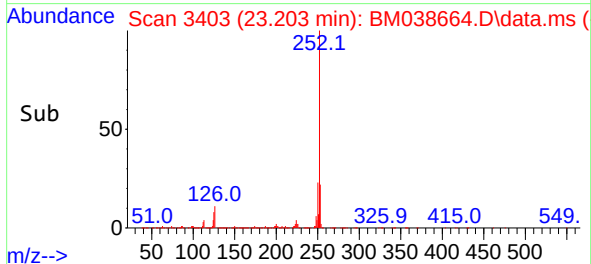
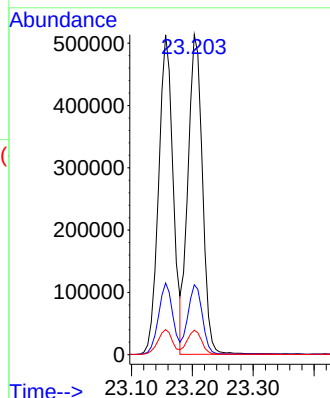
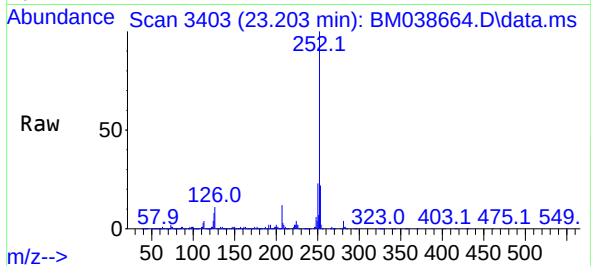
B-07-SB02MS

Tgt Ion:252 Resp: 843670
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 7.7 6.6 9.8

Manual Integrations

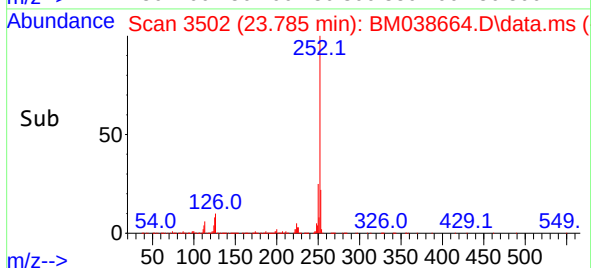
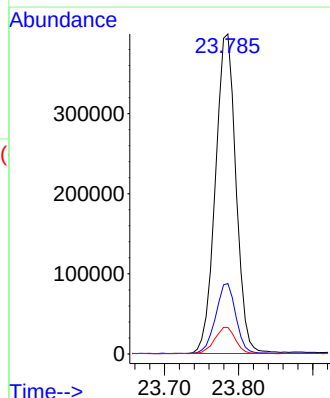
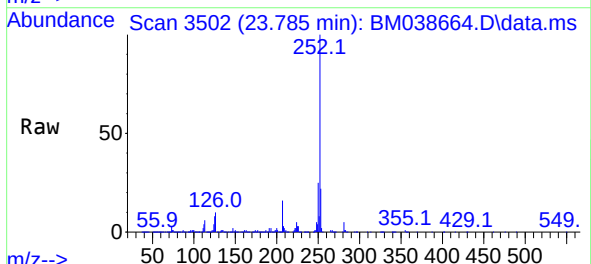
APPROVED

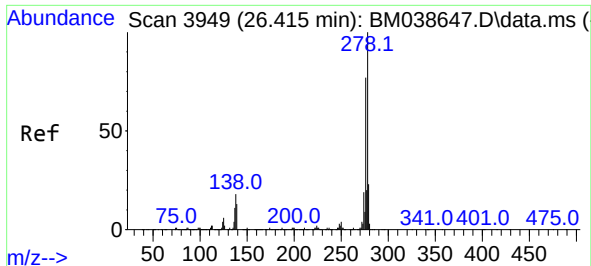
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#90
Benzo(a)pyrene
Concen: 44.501 ng
RT: 23.785 min Scan# 3502
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Tgt Ion:252 Resp: 769341
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 8.3 7.8 11.8





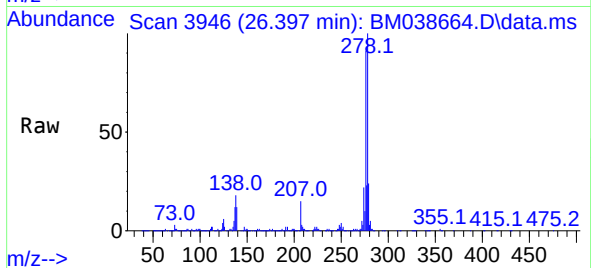
#91
Dibenzo(a,h)anthracene
Concen: 54.548 ng
RT: 26.397 min Scan# 3946
Delta R.T. -0.018 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

B-07-SB02MS

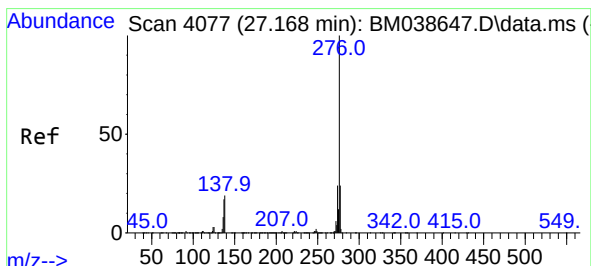
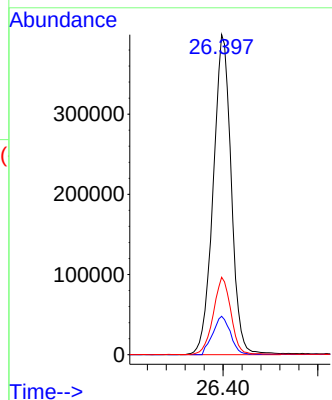
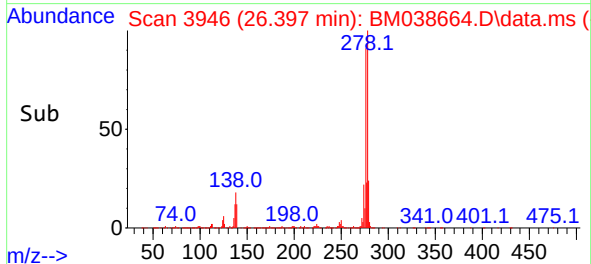


Tgt Ion:278 Resp: 1055058
Ion Ratio Lower Upper
278 100
139 12.0 10.5 15.7
279 24.2 18.7 28.1

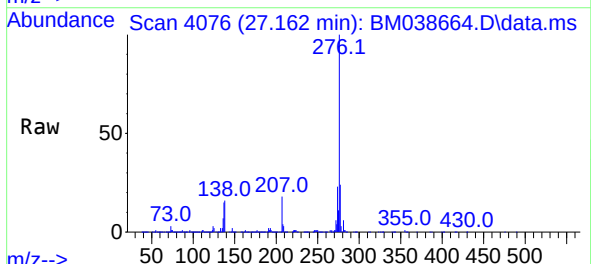
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#92
Benzo(g,h,i)perylene
Concen: 52.560 ng
RT: 27.162 min Scan# 4076
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35



Tgt Ion:276 Resp: 1027641
Ion Ratio Lower Upper
276 100
277 23.6 19.1 28.7
138 15.9 15.3 22.9

