

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032423\
 Data File : BM039141.D
 Acq On : 24 Mar 2023 14:37
 Operator : CG/JU
 Sample : PB151580BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151580BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/27/2023
 Supervised By : Jagrut Upadhyay 03/27/2023

Quant Time: Mar 24 15:18:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 24 15:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	326234	20.000	ng	0.00
21) Naphthalene-d8	10.763	136	1384343	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	845043	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	1673378	20.000	ng	0.00
76) Chrysene-d12	21.521	240	1295513	20.000	ng	0.00
86) Perylene-d12	23.950	264	1172962	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	2557707	119.114	ng	0.00
7) Phenol-d6	7.122	99	3431678	123.039	ng	0.00
23) Nitrobenzene-d5	9.122	82	1988009	70.541	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	1165552	119.228	ng	0.00
45) 2-Fluorobiphenyl	13.222	172	4379865	67.472	ng	0.00
79) Terphenyl-d14	19.962	244	5437051	76.732	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.375	88	342745	35.879	ng	99
3) Pyridine	3.781	79	918961	34.686	ng	99
4) n-Nitrosodimethylamine	3.687	42	424964	39.418	ng	95
6) Aniline	7.281	93	1624856	44.369	ng	99
8) 2-Chlorophenol	7.516	128	1267395	55.440	ng	98
9) Benzaldehyde	7.087	77	445023	33.530	ng	99
10) Phenol	7.151	94	1641474	55.420	ng	97
11) bis(2-Chloroethyl)ether	7.375	93	1159323	48.143	ng	100
12) 1,3-Dichlorobenzene	7.840	146	1186358	48.833	ng	99
13) 1,4-Dichlorobenzene	7.987	146	1214683	49.161	ng	99
14) 1,2-Dichlorobenzene	8.304	146	1180979	49.620	ng	99
15) Benzyl Alcohol	8.198	79	1101443	55.097	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.492	45	1518739	49.938	ng	98
17) 2-Methylphenol	8.404	107	1100327	54.080	ng	99
18) Hexachloroethane	9.034	117	468585	51.401	ng	97
19) n-Nitroso-di-n-propyla...	8.769	70	953263	54.263	ng	98
20) 3+4-Methylphenols	8.734	107	1500954	55.249	ng	98
22) Acetophenone	8.787	105	1831536	47.156	ng	# 98
24) Nitrobenzene	9.169	77	1396168	47.134	ng	97
25) Isophorone	9.698	82	2645814	51.017	ng	99
26) 2-Nitrophenol	9.881	139	694030	52.748	ng	94
27) 2,4-Dimethylphenol	9.939	122	1250062	55.319	ng	99
28) bis(2-Chloroethoxy)met...	10.175	93	1664015	49.936	ng	99
29) 2,4-Dichlorophenol	10.416	162	1214183	56.674	ng	99
30) 1,2,4-Trichlorobenzene	10.628	180	1132110	48.357	ng	99
31) Naphthalene	10.816	128	3644789	46.173	ng	99
32) Benzoic acid	10.116	122	978173	57.684	ng	100
33) 4-Chloroaniline	10.928	127	735837	21.873	ng	100
34) Hexachlorobutadiene	11.098	225	638115	47.530	ng	99
35) Caprolactam	11.745	113	391147m	59.987	ng	
36) 4-Chloro-3-methylphenol	12.057	107	1289206	56.511	ng	100
37) 2-Methylnaphthalene	12.428	142	2533878	47.892	ng	99
38) 1-Methylnaphthalene	12.645	142	2367561	47.750	ng	100
40) 1,2,4,5-Tetrachloroben...	12.792	216	1259933	45.863	ng	100
41) Hexachlorocyclopentadiene	12.769	237	1506746	99.920	ng	98
43) 2,4,6-Trichlorophenol	13.033	196	937790	52.716	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.104	196	1023911	49.173	ng	97
46) 1,1'-Biphenyl	13.433	154	3343958	46.710	ng	99
47) 2-Chloronaphthalene	13.475	162	2599020	48.144	ng	98
48) 2-Nitroaniline	13.680	65	839971	48.570	ng	96
49) Acenaphthylene	14.322	152	4123528	47.954	ng	99
50) Dimethylphthalate	14.063	163	3145587	48.375	ng	100
51) 2,6-Dinitrotoluene	14.180	165	710424	49.348	ng	95
52) Acenaphthene	14.663	154	2441577	46.202	ng	98
53) 3-Nitroaniline	14.510	138	541394	32.728	ng	92
54) 2,4-Dinitrophenol	14.716	184	938667	111.385	ng	90
55) Dibenzofuran	14.998	168	3820490	46.200	ng	100
56) 4-Nitrophenol	14.821	139	1352770	104.750	ng	98
57) 2,4-Dinitrotoluene	14.969	165	975772	51.406	ng	93
58) Fluorene	15.645	166	3039854	46.928	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.221	232	849352	52.890	ng	97
60) Diethylphthalate	15.421	149	3158179	49.916	ng	99
61) 4-Chlorophenyl-phenyle...	15.633	204	1497200	47.047	ng	99
62) 4-Nitroaniline	15.674	138	772432	45.246	ng	97
63) Azobenzene	15.927	77	3182030	47.531	ng	98
65) 4,6-Dinitro-2-methylph...	15.727	198	552017	49.964	ng	95
66) n-Nitrosodiphenylamine	15.857	169	2639299	46.785	ng	99
67) 4-Bromophenyl-phenylether	16.533	248	893330	49.425	ng	98
68) Hexachlorobenzene	16.645	284	1012257	50.099	ng	99
69) Atrazine	16.810	200	880663	57.153	ng	98
70) Pentachlorophenol	16.992	266	1331549	89.600	ng	99
71) Phenanthrene	17.386	178	4513694	45.959	ng	100
72) Anthracene	17.480	178	4650982	47.487	ng	100
73) Carbazole	17.751	167	4236798	47.398	ng	100
74) Di-n-butylphthalate	18.309	149	5263314	48.266	ng	99
75) Fluoranthene	19.398	202	4776110	46.059	ng	99
77) Benzidine	19.586	184	2479317	80.305	ng	98
78) Pyrene	19.762	202	5021599	51.608	ng	100
80) Butylbenzylphthalate	20.656	149	2250766	53.958	ng	97
81) Benzo(a)anthracene	21.509	228	4516618	48.412	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	1284822	44.809	ng	99
83) Chrysene	21.562	228	4230302	46.621	ng	100
84) Bis(2-ethylhexyl)phtha...	21.427	149	3187376	53.008	ng	100
85) Di-n-octyl phthalate	22.362	149	5185587	51.901	ng	97
87) Indeno(1,2,3-cd)pyrene	26.480	276	3853604	43.176	ng	100
88) Benzo(b)fluoranthene	23.209	252	3926292	52.395	ng	99
89) Benzo(k)fluoranthene	23.262	252	3902348	50.039	ng	99
90) Benzo(a)pyrene	23.844	252	3340927	46.324	ng	100
91) Dibenzo(a,h)anthracene	26.497	278	3233095	42.773	ng	100
92) Benzo(g,h,i)perylene	27.262	276	3129090	42.313	ng	99

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

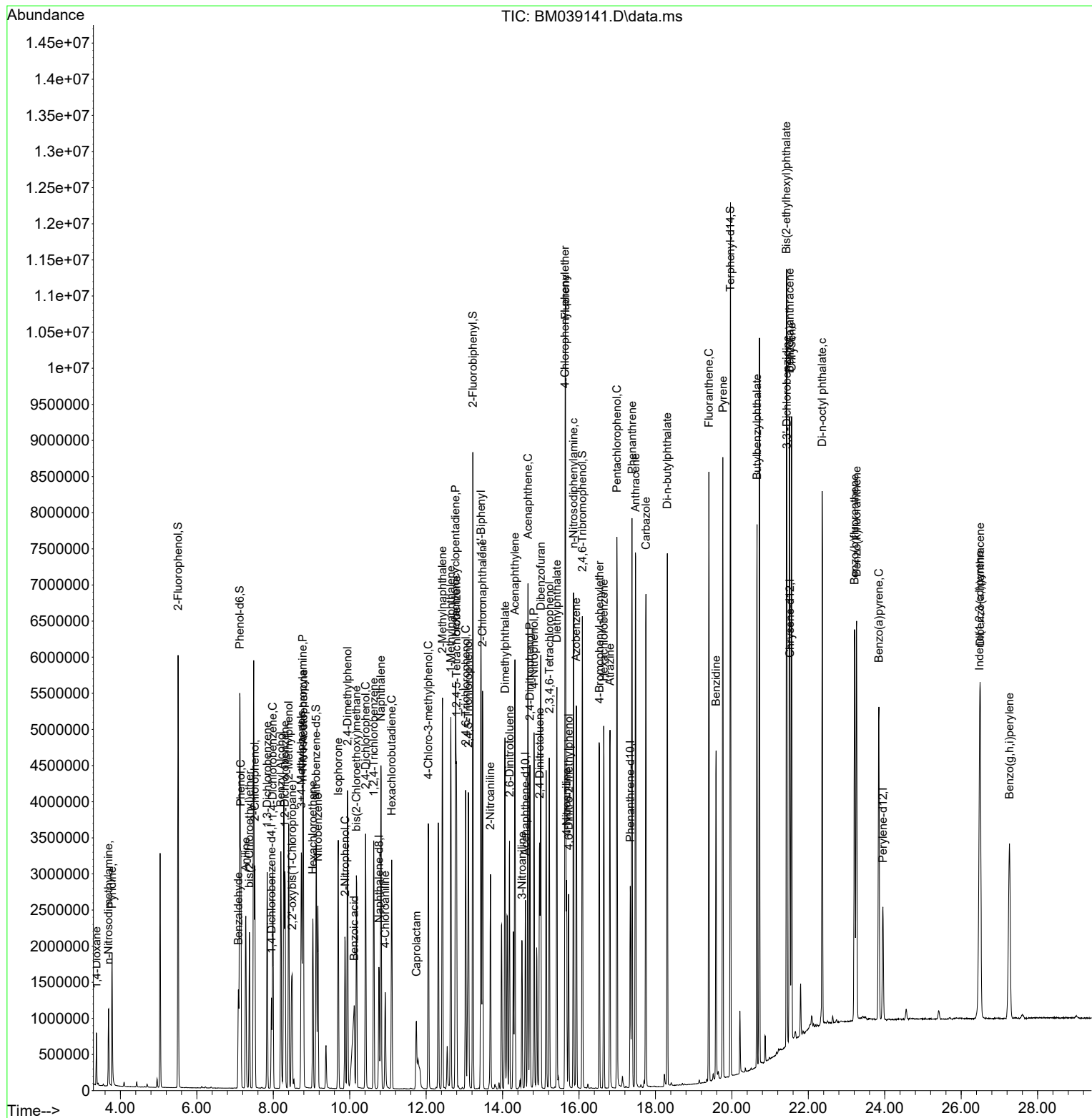
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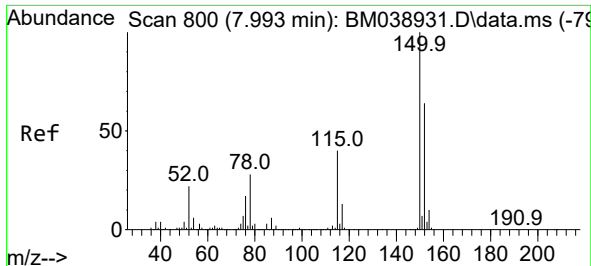
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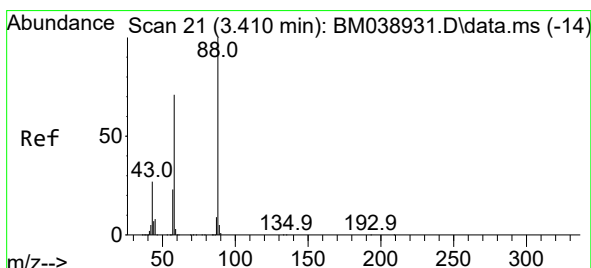
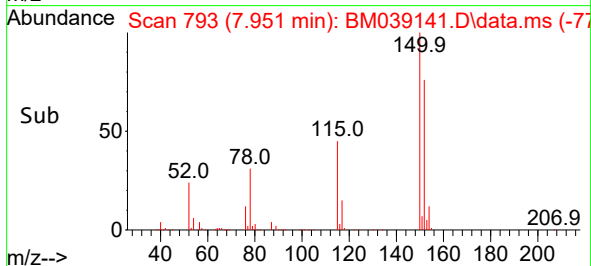
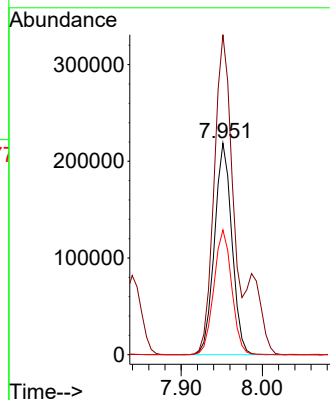
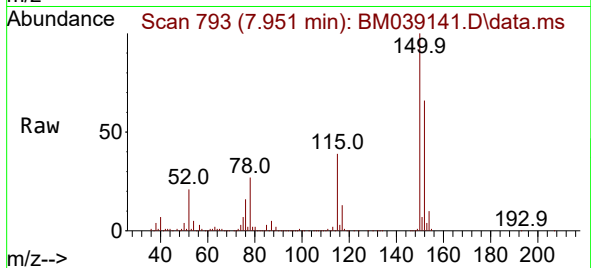
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.951 min Scan# 79
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

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ClientSampleId :
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Tgt Ion:152 Resp: 326234
Ion Ratio Lower Upper
152 100
150 151.3 125.1 187.7
115 59.0 49.6 74.4

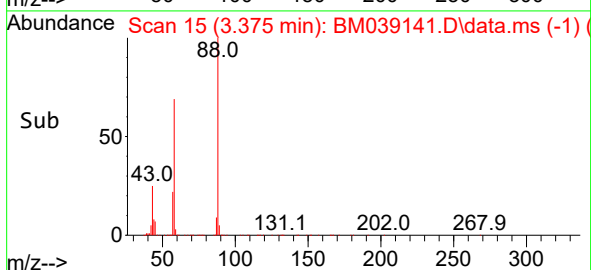
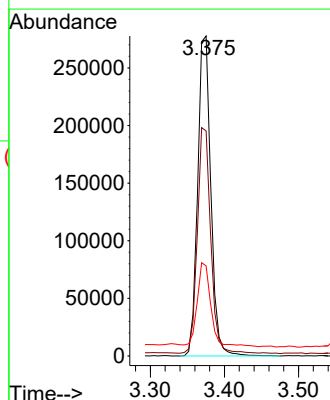
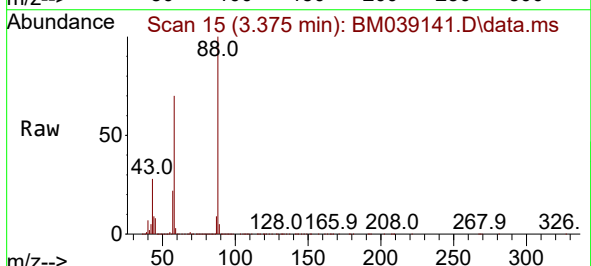
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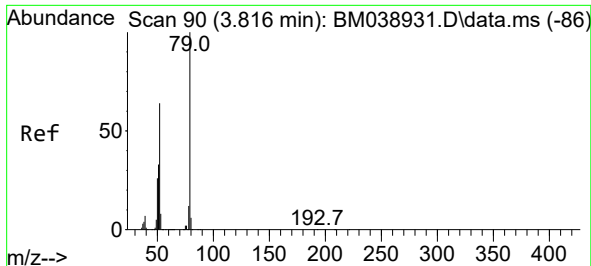
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#2
1,4-Dioxane
Concen: 35.879 ng
RT: 3.375 min Scan# 15
Delta R.T. 0.006 min
Lab File: BM039141.D
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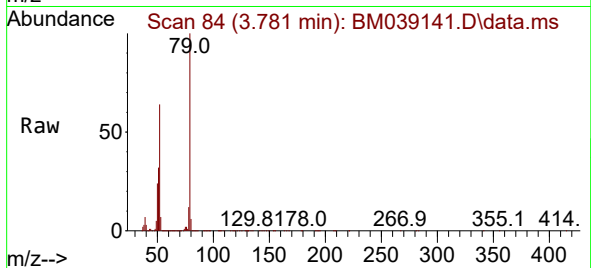
Tgt Ion: 88 Resp: 342745
Ion Ratio Lower Upper
88 100
58 70.9 57.2 85.8
43 27.2 22.0 33.0





#3
Pyridine
Concen: 34.686 ng
RT: 3.781 min Scan# 84
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

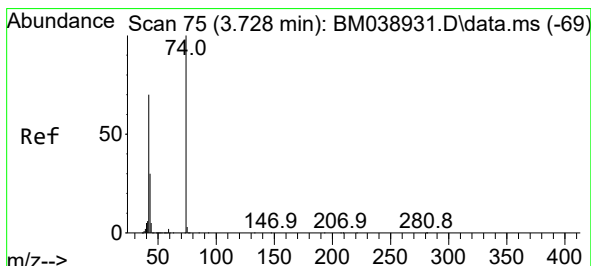
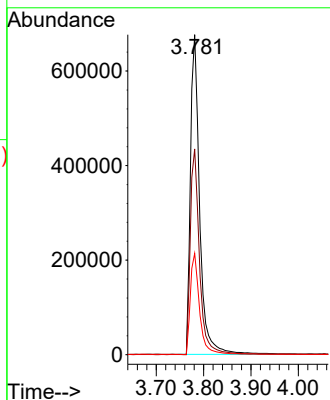
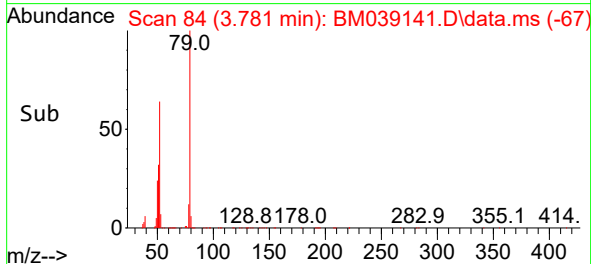
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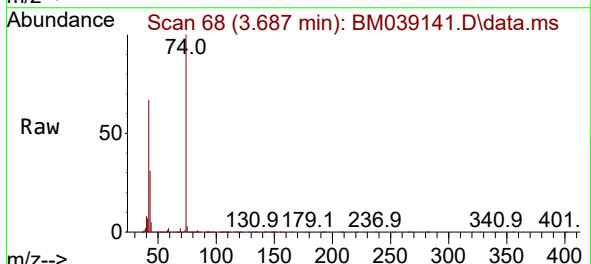
Tgt Ion: 79 Resp: 91896
Ion Ratio Lower Upper
79 100
52 64.3 51.4 77.2
51 31.7 26.6 40.0

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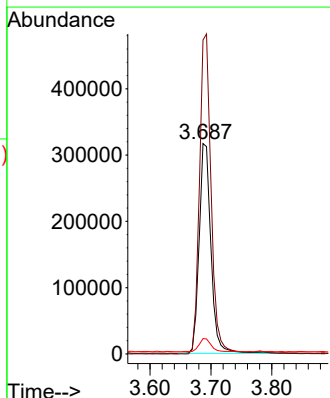
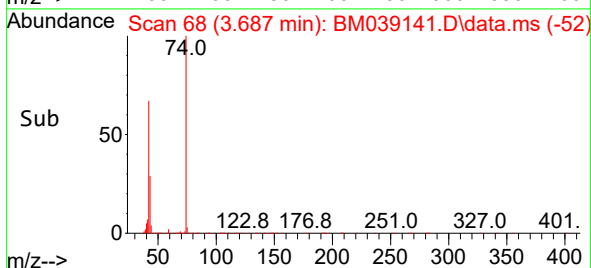
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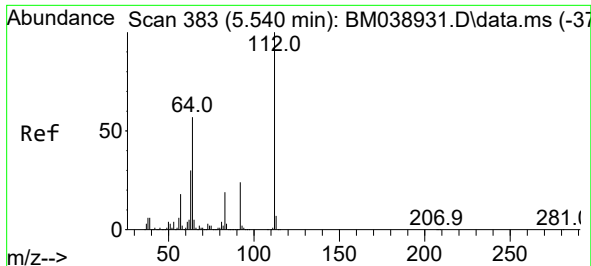


#4
n-Nitrosodimethylamine
Concen: 39.418 ng
RT: 3.687 min Scan# 68
Delta R.T. -0.006 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37



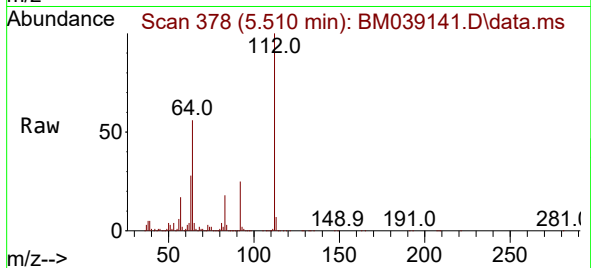
Tgt Ion: 42 Resp: 424964
Ion Ratio Lower Upper
42 100
74 149.2 113.8 170.8
44 7.3 6.2 9.2





#5
2-Fluorophenol
Concen: 119.114 ng
RT: 5.510 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

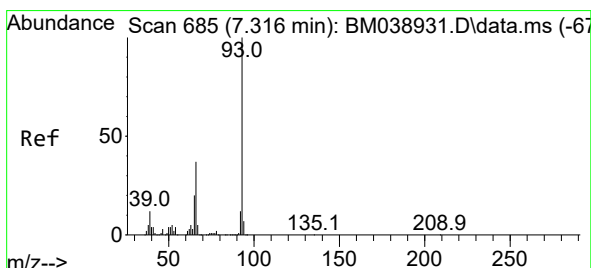
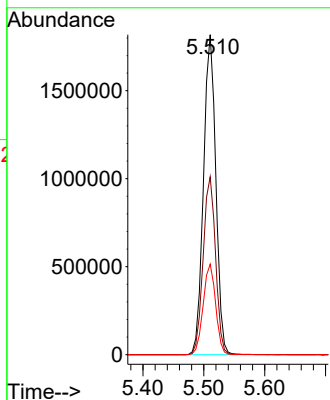
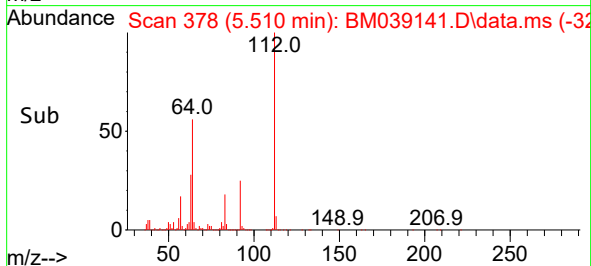
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Tgt Ion:112 Resp: 255770
Ion Ratio Lower Upper
112 100
64 55.6 45.9 68.9
63 28.3 23.8 35.8

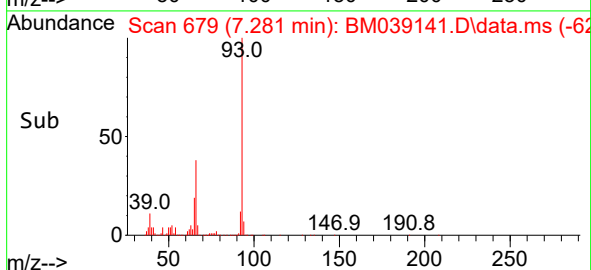
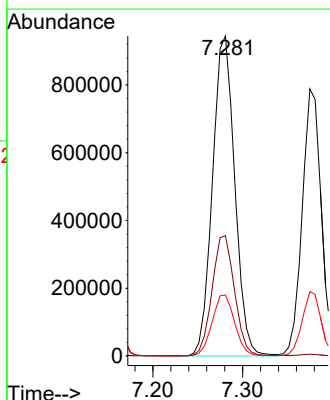
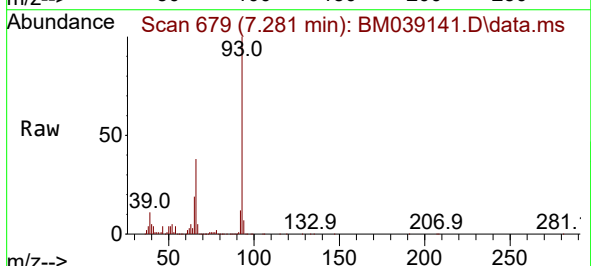
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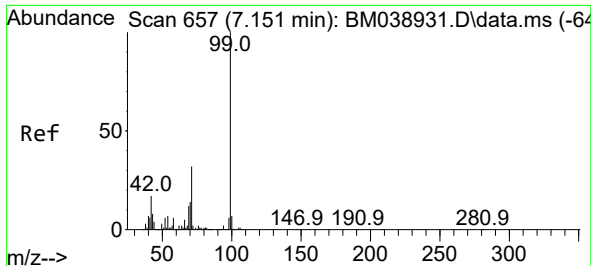
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#6
Aniline
Concen: 44.369 ng
RT: 7.281 min Scan# 679
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

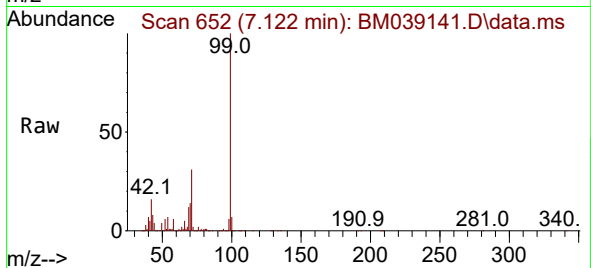
Tgt Ion: 93 Resp: 1624856
Ion Ratio Lower Upper
93 100
66 37.6 30.0 45.0
65 19.0 15.8 23.6





#7
Phenol-d6
Concen: 123.039 ng
RT: 7.122 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM039141.D
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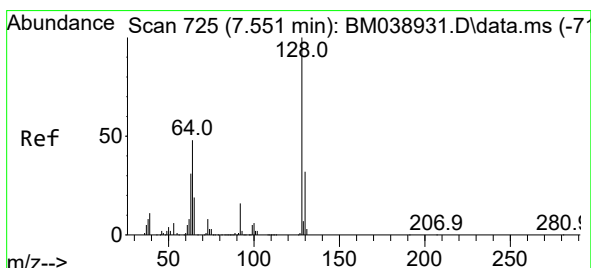
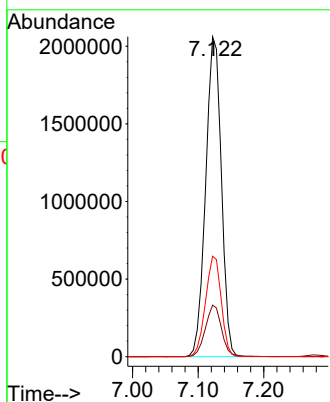
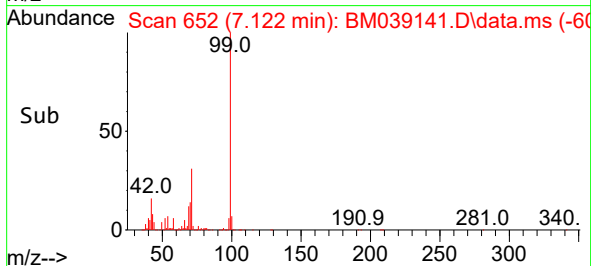
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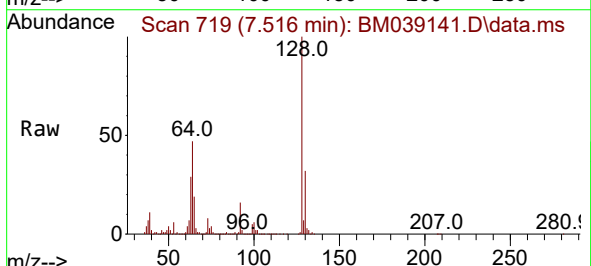
Tgt Ion: 99 Resp: 3431678
Ion Ratio Lower Upper
99 100
42 16.1 13.5 20.3
71 31.4 25.6 38.4

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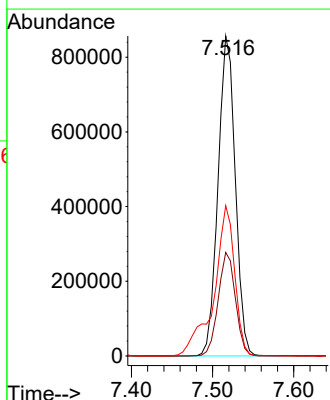
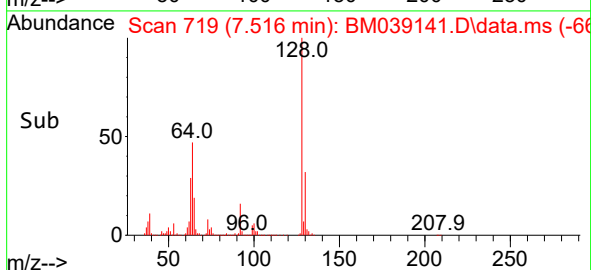
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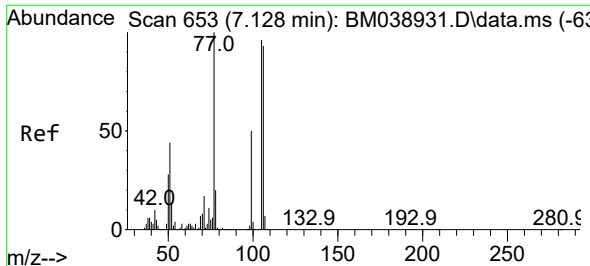


#8
2-Chlorophenol
Concen: 55.440 ng
RT: 7.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BM039141.D
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Tgt Ion:128 Resp: 1267395
Ion Ratio Lower Upper
128 100
130 32.3 11.9 51.9
64 47.0 28.6 68.6





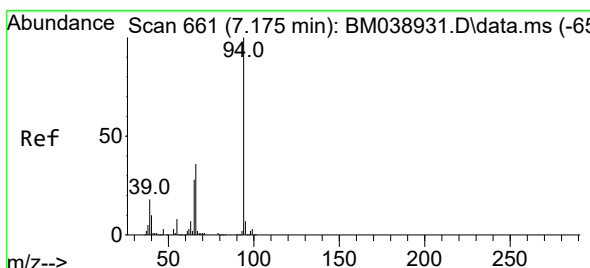
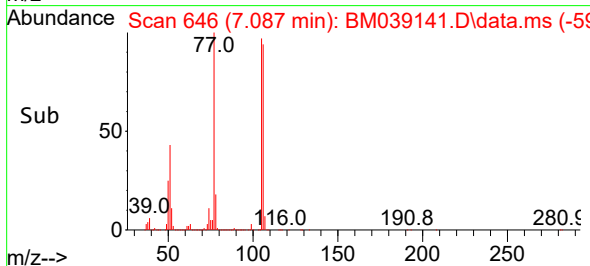
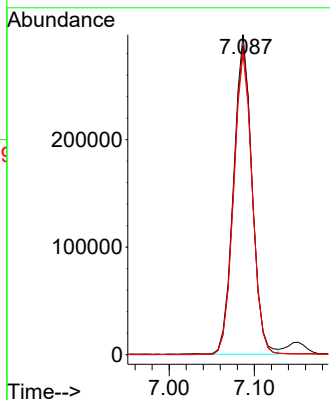
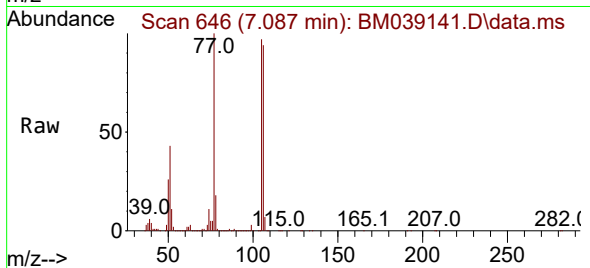
#9
Benzaldehyde
Concen: 33.530 ng
RT: 7.087 min Scan# 64
Delta R.T. 0.000 min
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Tgt Ion: 77 Resp: 44502
Ion Ratio Lower Upper
77 100
105 96.8 75.8 115.8
106 94.0 72.6 112.6

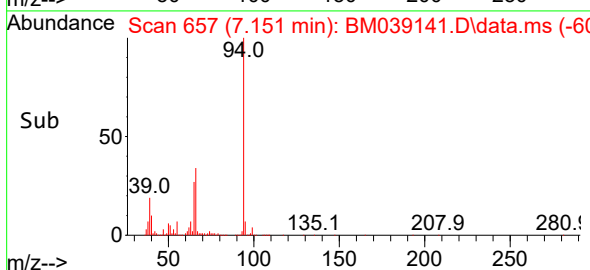
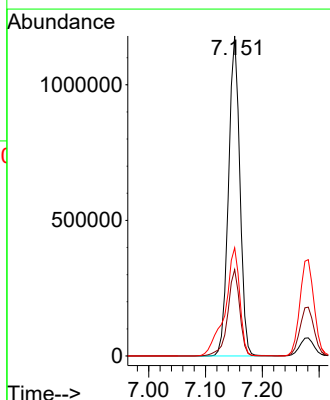
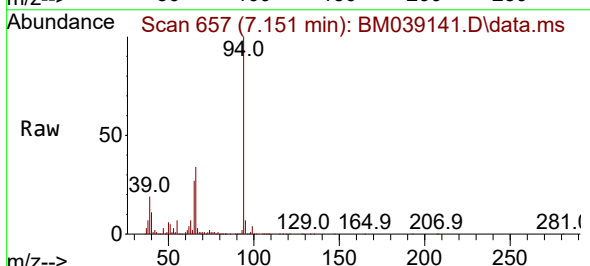
Manual Integrations
APPROVED

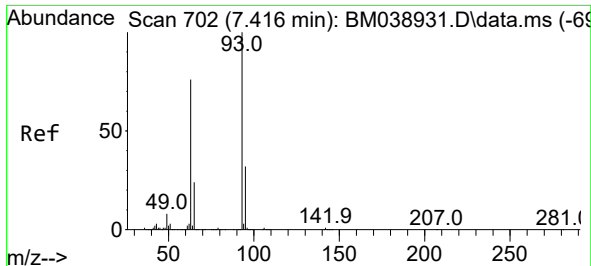
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#10
Phenol
Concen: 55.420 ng
RT: 7.151 min Scan# 657
Delta R.T. 0.006 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

Tgt Ion: 94 Resp: 1641474
Ion Ratio Lower Upper
94 100
65 27.0 7.9 47.9
66 33.8 15.8 55.8





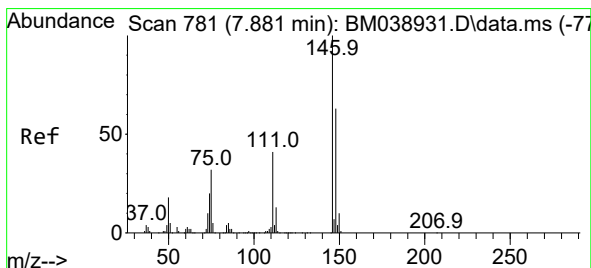
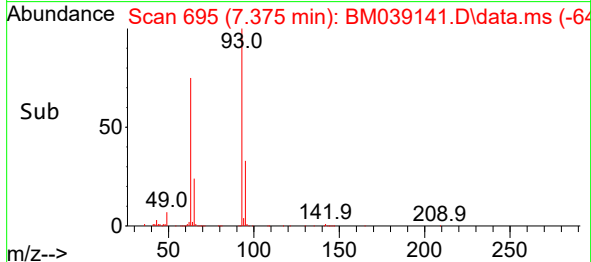
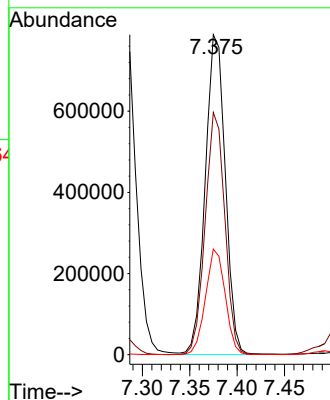
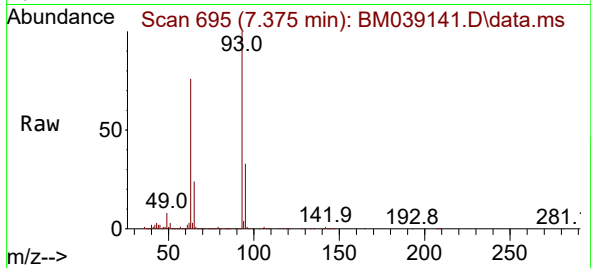
#11
bis(2-Chloroethyl)ether
Concen: 48.143 ng
RT: 7.375 min Scan# 695
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

Instrument :
BNA_M
ClientSampleId :
PB151580BS

Tgt Ion: 93 Resp: 115932
Ion Ratio Lower Upper
93 100
63 75.7 55.8 95.8
95 33.0 12.2 52.2

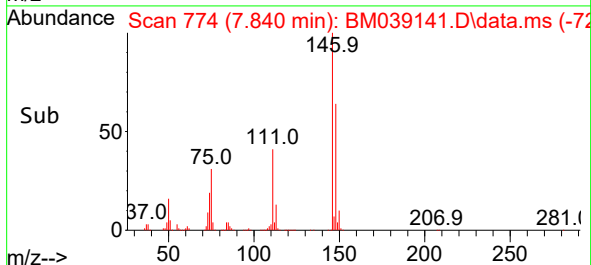
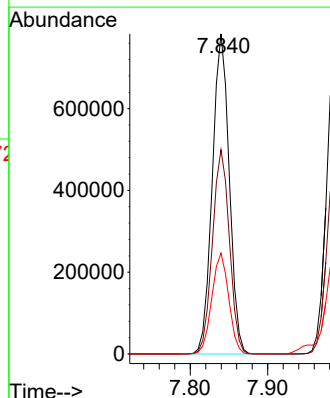
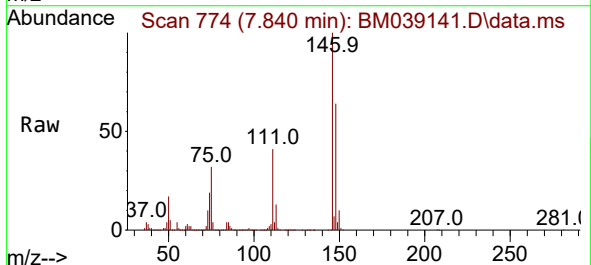
Manual Integrations
APPROVED

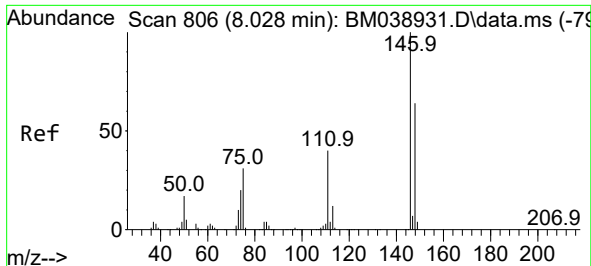
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#12
1,3-Dichlorobenzene
Concen: 48.833 ng
RT: 7.840 min Scan# 774
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

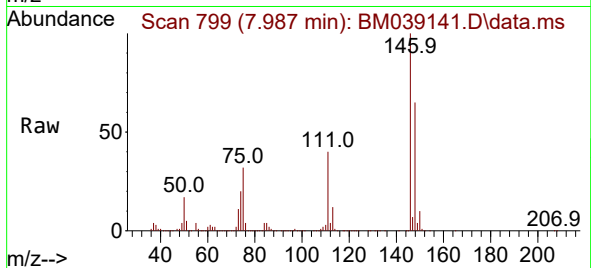
Tgt Ion:146 Resp: 1186358
Ion Ratio Lower Upper
146 100
148 63.9 50.6 75.8
75 31.5 26.0 39.0





#13
1,4-Dichlorobenzene
Concen: 49.161 ng
RT: 7.987 min Scan# 74
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

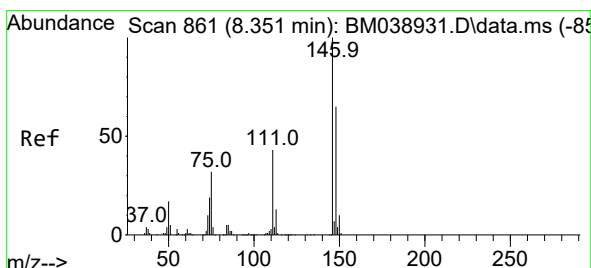
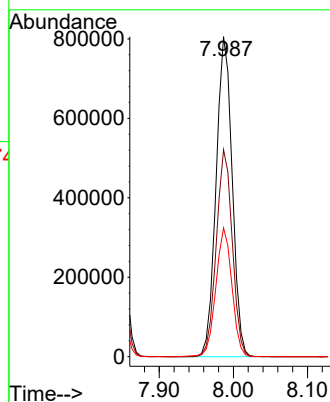
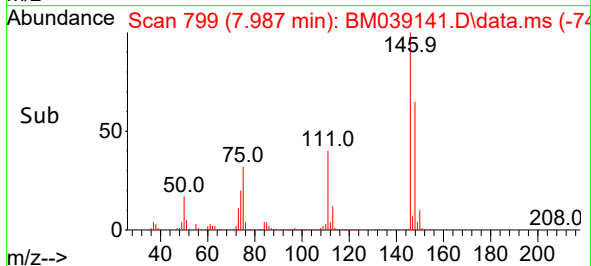
Instrument :
BNA_M
ClientSampleId :
PB151580BS



Tgt Ion:146 Resp: 121468
Ion Ratio Lower Upper
146 100
148 64.7 51.0 76.4
111 40.2 32.2 48.4

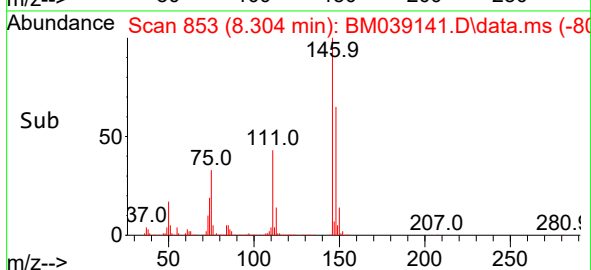
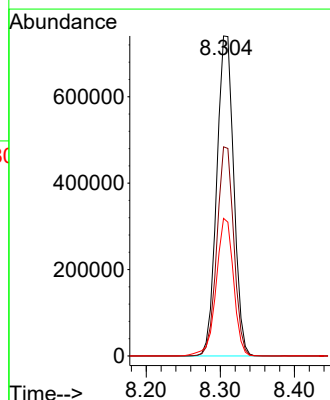
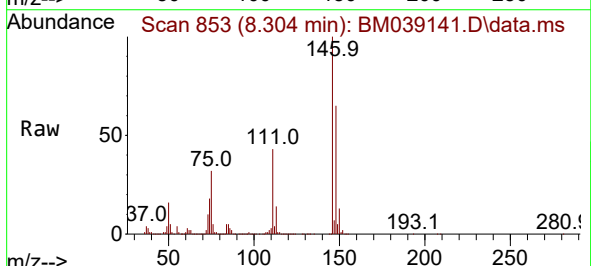
Manual Integrations
APPROVED

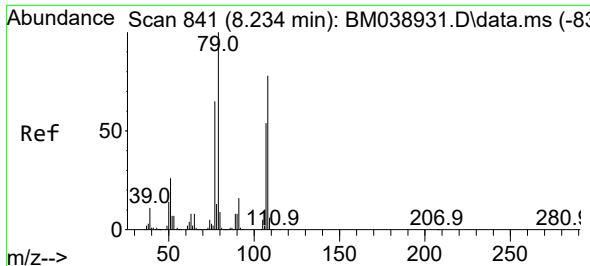
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#14
1,2-Dichlorobenzene
Concen: 49.620 ng
RT: 8.304 min Scan# 853
Delta R.T. -0.006 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

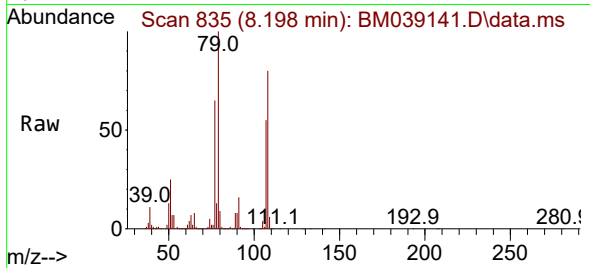
Tgt Ion:146 Resp: 1180979
Ion Ratio Lower Upper
146 100
148 65.3 51.7 77.5
111 43.0 34.2 51.4





#15
Benzyl Alcohol
Concen: 55.097 ng
RT: 8.198 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

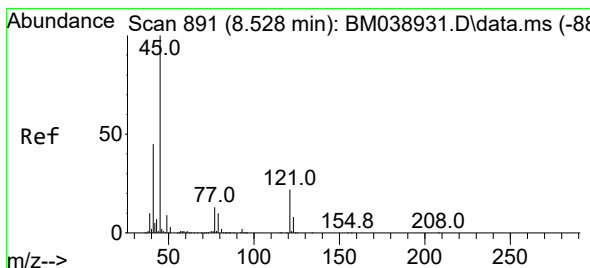
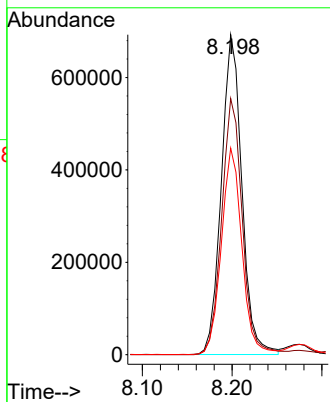
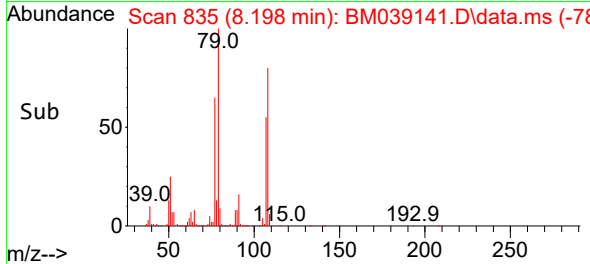
Instrument :
BNA_M
ClientSampleId :
PB151580BS



Tgt Ion: 79 Resp: 110144
Ion Ratio Lower Upper
79 100
108 80.1 62.4 93.6
77 64.6 52.2 78.4

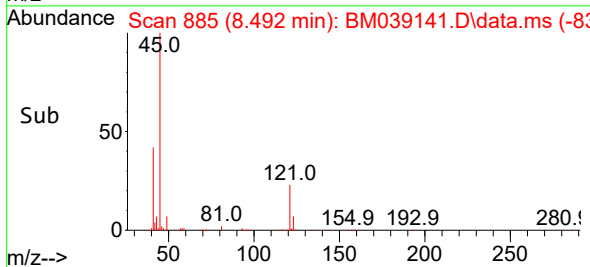
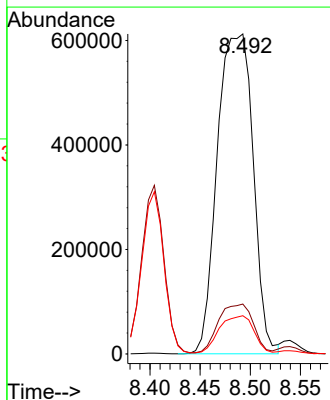
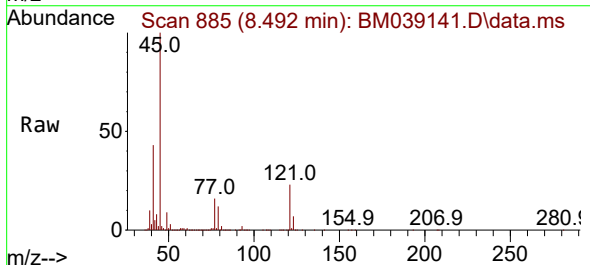
Manual Integrations
APPROVED

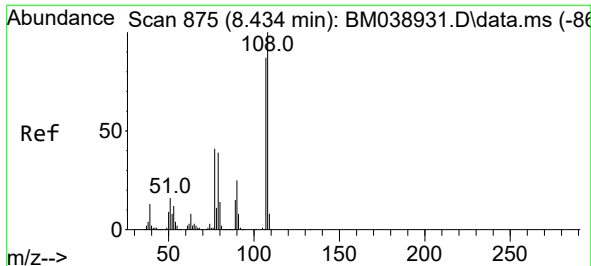
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.938 ng
RT: 8.492 min Scan# 885
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

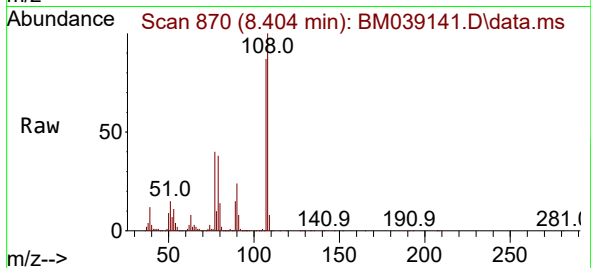
Tgt Ion: 45 Resp: 1518739
Ion Ratio Lower Upper
45 100
77 15.6 0.0 34.8
79 12.0 0.0 31.5





#17
2-Methylphenol
Concen: 54.080 ng
RT: 8.404 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

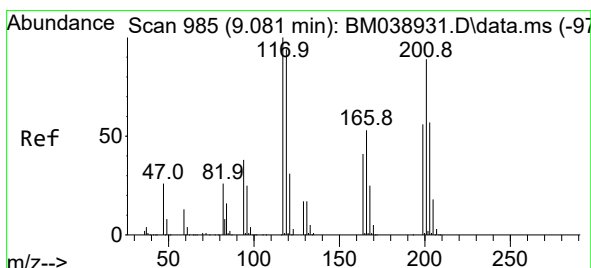
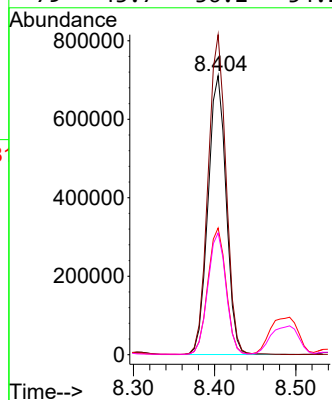
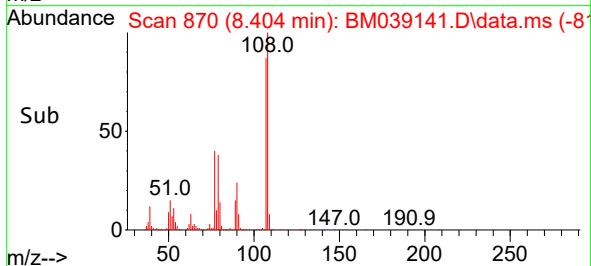
Instrument :
BNA_M
ClientSampleId :
PB151580BS



Tgt Ion:107 Resp: 110032
Ion Ratio Lower Upper
107 100
108 114.7 91.7 137.5
77 45.4 37.4 56.2
79 43.7 36.2 54.2

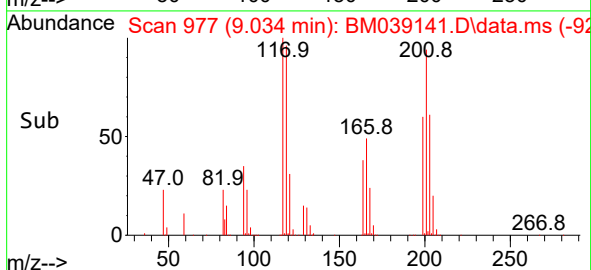
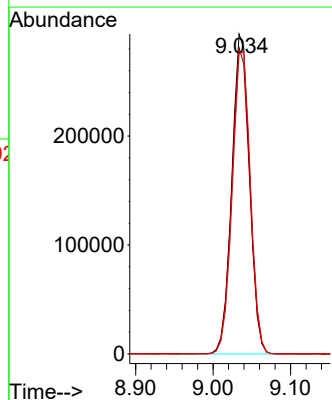
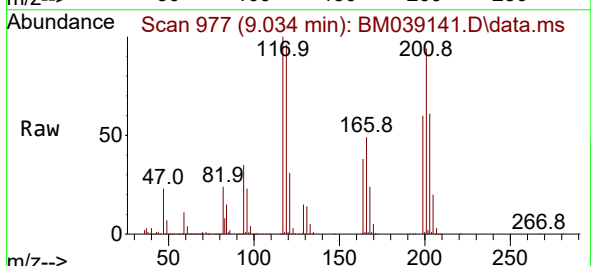
Manual Integrations
APPROVED

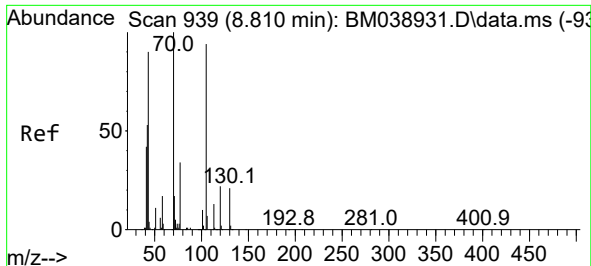
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#18
Hexachloroethane
Concen: 51.401 ng
RT: 9.034 min Scan# 977
Delta R.T. -0.006 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

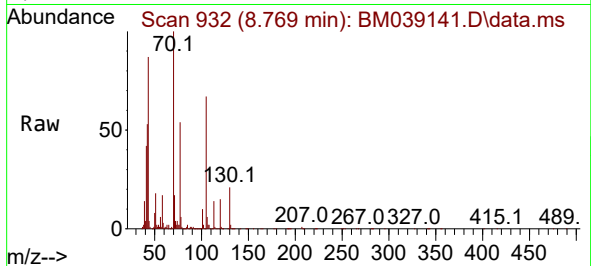
Tgt Ion:117 Resp: 468585
Ion Ratio Lower Upper
117 100
119 95.7 75.4 113.0
201 93.8 71.3 106.9





#19
n-Nitroso-di-n-propylamine
Concen: 54.263 ng
RT: 8.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

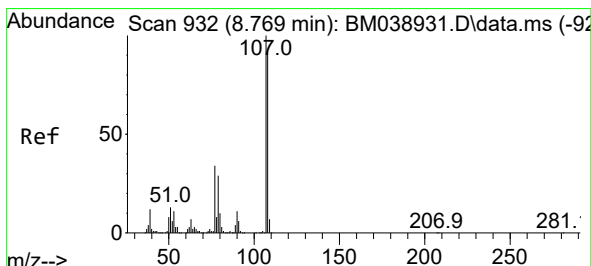
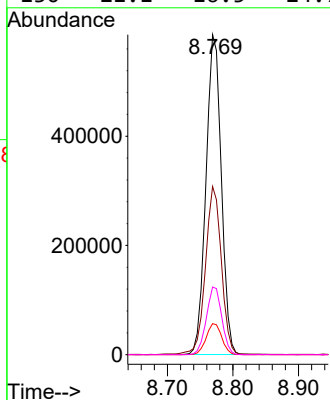
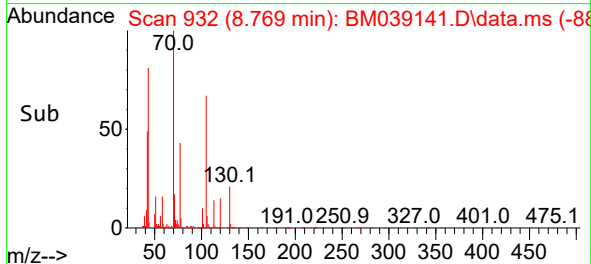
Instrument :
BNA_M
ClientSampleId :
PB151580BS



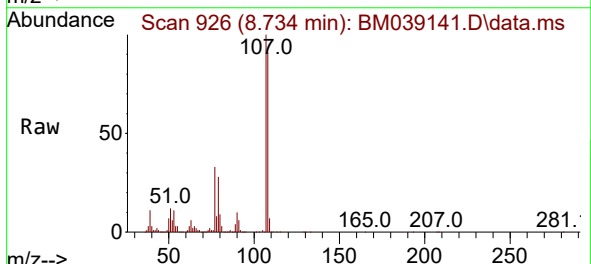
Tgt Ion: 70 Resp: 95326
Ion Ratio Lower Upper
70 100
42 52.5 43.4 65.2
101 9.7 7.6 11.4
130 21.1 16.5 24.7

Manual Integrations
APPROVED

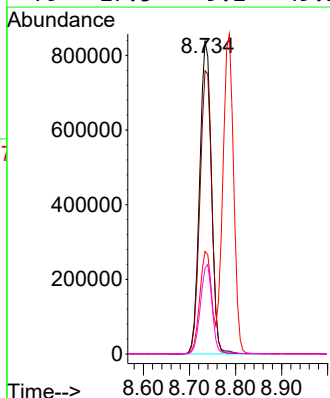
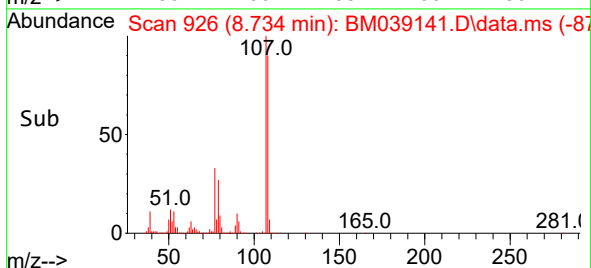
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

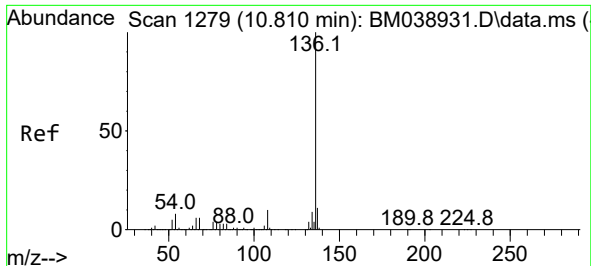


#20
3+4-Methylphenols
Concen: 55.249 ng
RT: 8.734 min Scan# 926
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37



Tgt Ion:107 Resp: 1500954
Ion Ratio Lower Upper
107 100
108 90.7 71.8 111.8
77 32.8 13.6 53.6
79 27.5 9.2 49.2





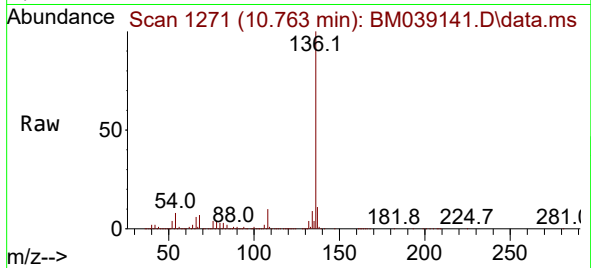
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.763 min Scan# 107
Delta R.T. -0.006 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

Instrument :

BNA_M

ClientSampleId :

PB151580BS

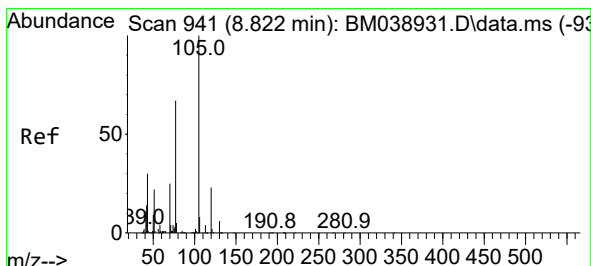
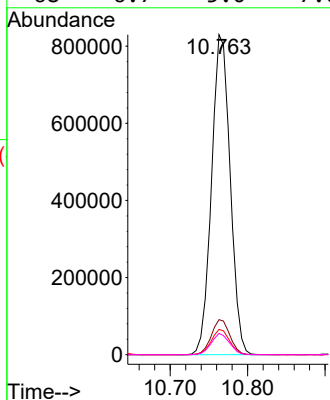
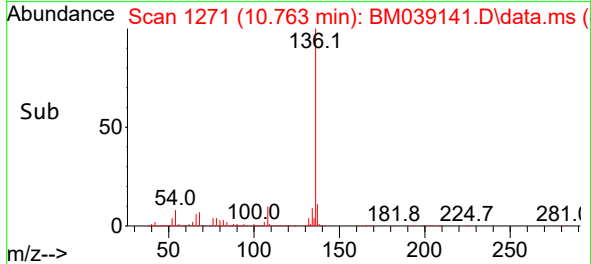


Tgt Ion:136 Resp: 138434
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.9 6.3 9.5
68 6.7 5.0 7.6

Manual Integrations

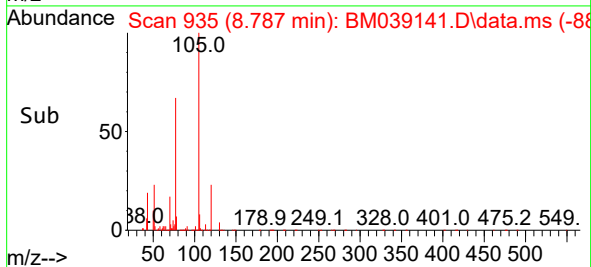
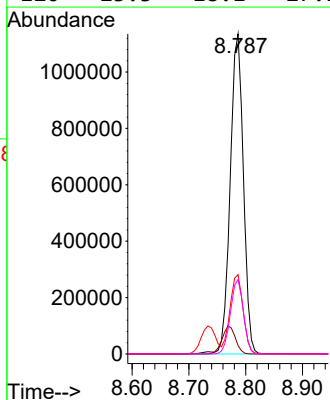
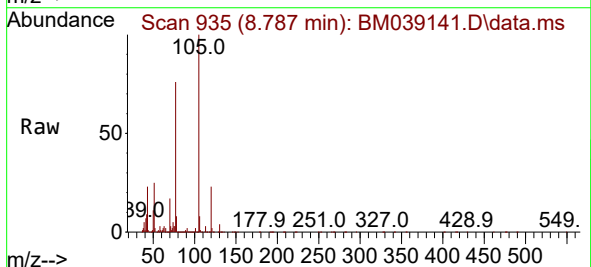
APPROVED

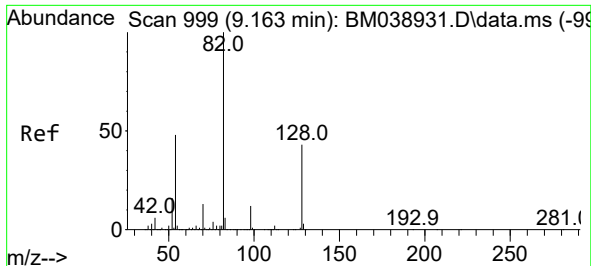
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#22
Acetophenone
Concen: 47.156 ng
RT: 8.787 min Scan# 935
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

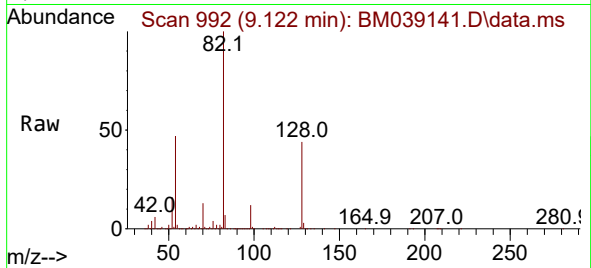
Tgt Ion:105 Resp: 1831536
Ion Ratio Lower Upper
105 100
71 2.7 3.4 5.0#
51 24.8 21.0 31.4
120 23.3 18.1 27.1





#23
Nitrobenzene-d5
Concen: 70.541 ng
RT: 9.122 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

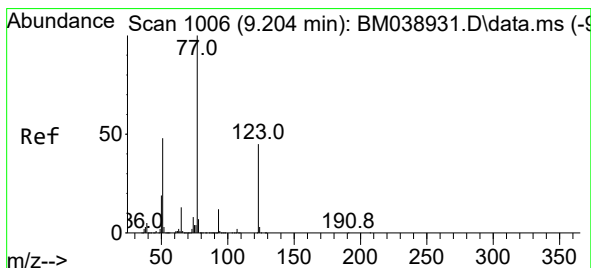
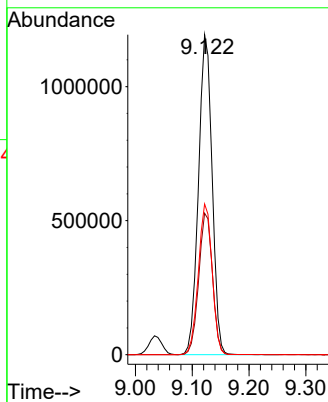
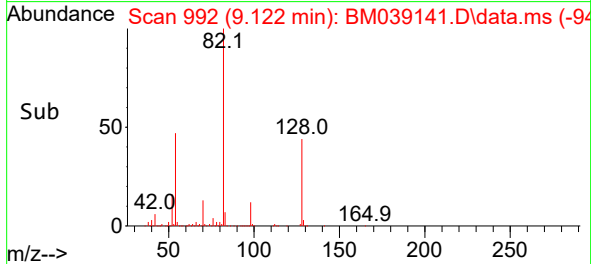
Instrument :
BNA_M
ClientSampleId :
PB151580BS



Tgt Ion: 82 Resp: 1988009
Ion Ratio Lower Upper
82 100
128 44.2 34.4 51.6
54 47.1 38.8 58.2

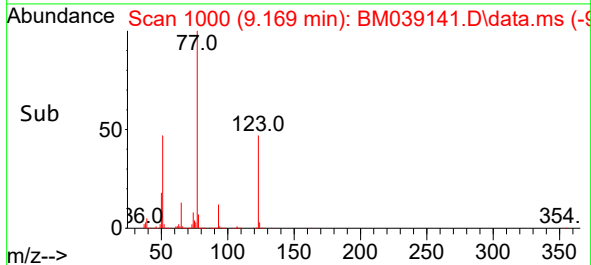
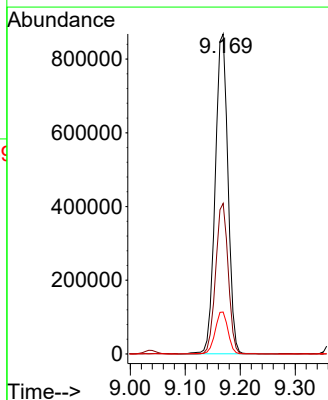
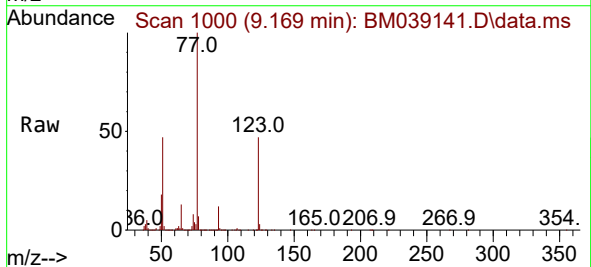
Manual Integrations
APPROVED

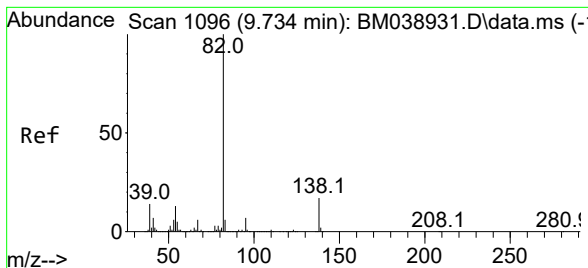
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#24
Nitrobenzene
Concen: 47.134 ng
RT: 9.169 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

Tgt Ion: 77 Resp: 1396168
Ion Ratio Lower Upper
77 100
123 47.0 35.8 53.6
65 13.1 10.2 15.4





#25

Isophorone

Concen: 51.017 ng

RT: 9.698 min Scan# 1096

Delta R.T. 0.000 min

Lab File: BM039141.D

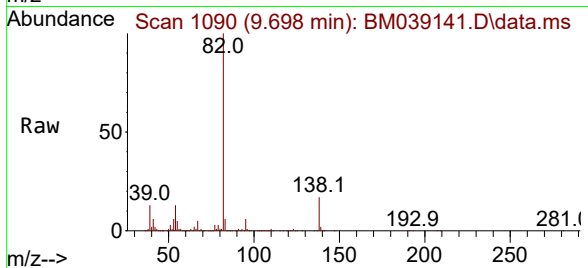
Acq: 24 Mar 2023 14:37

Instrument :

BNA_M

ClientSampleId :

PB151580BS



Tgt Ion: 82 Resp: 2645814

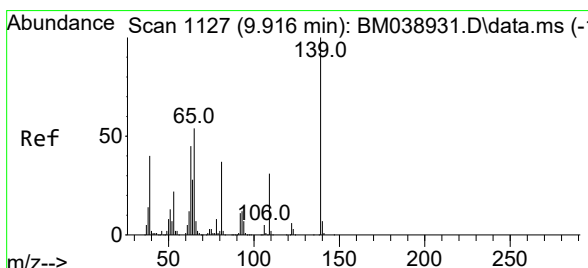
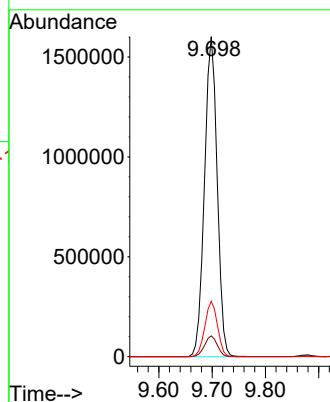
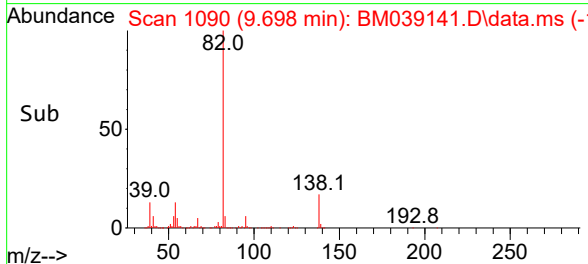
Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.2	7.8
138	17.3	13.6	20.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/27/2023

Supervised By :Jagrut Upadhyay 03/27/2023



#26

2-Nitrophenol

Concen: 52.748 ng

RT: 9.881 min Scan# 1121

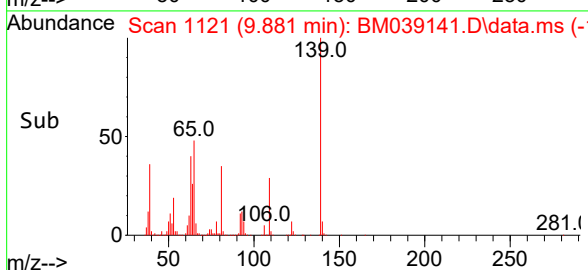
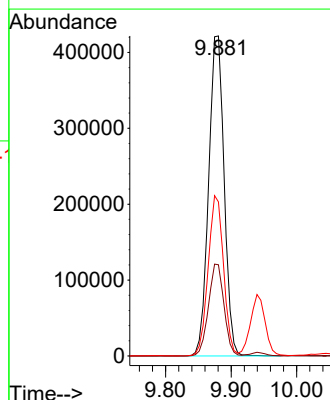
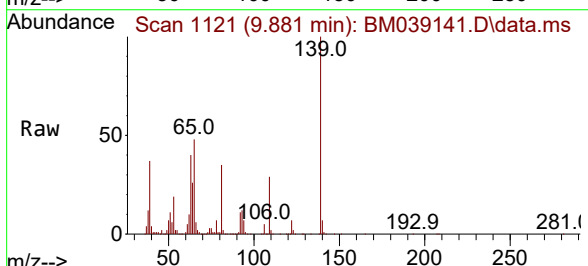
Delta R.T. 0.000 min

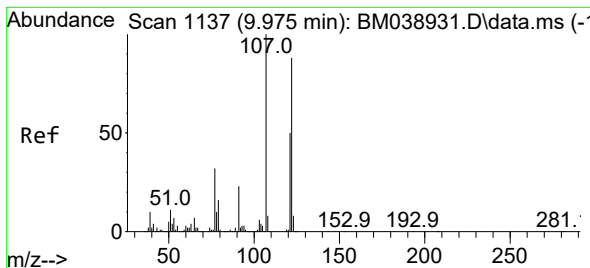
Lab File: BM039141.D

Acq: 24 Mar 2023 14:37

Tgt Ion:139 Resp: 694030

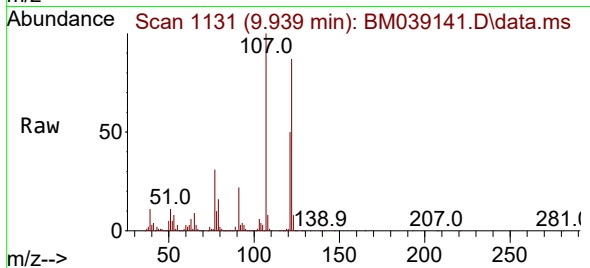
Ion	Ratio	Lower	Upper
139	100		
109	28.5	24.5	36.7
65	48.2	43.0	64.6





#27
2,4-Dimethylphenol
Concen: 55.319 ng
RT: 9.939 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

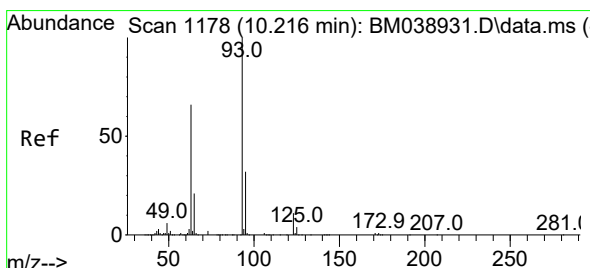
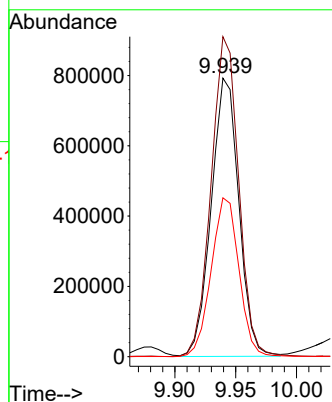
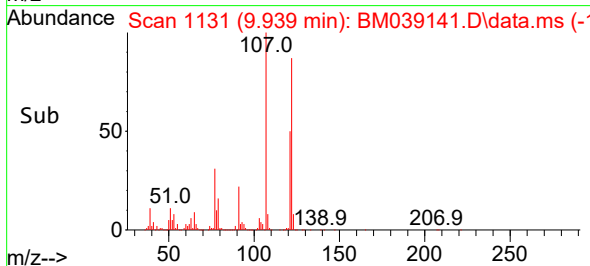
Instrument :
BNA_M
ClientSampleId :
PB151580BS



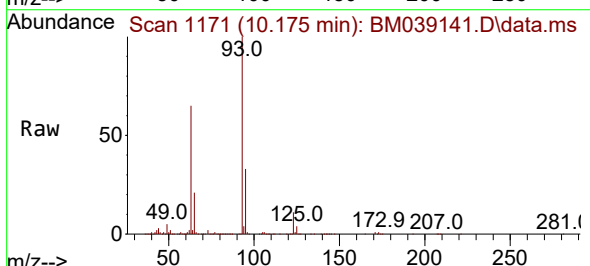
Tgt Ion:122 Resp: 125006
Ion Ratio Lower Upper
122 100
107 114.9 91.0 136.4
121 57.1 45.1 67.7

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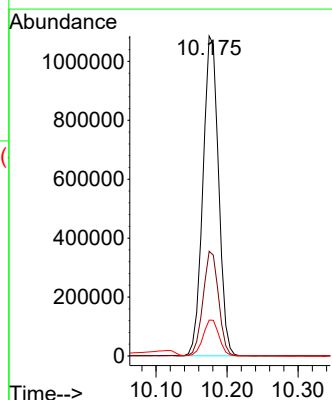
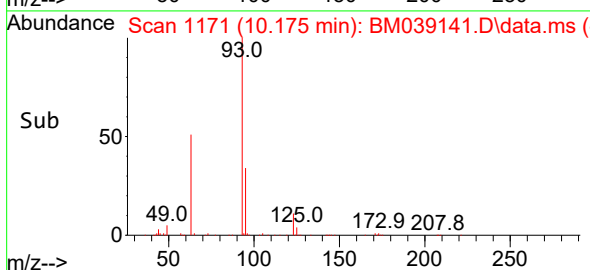
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

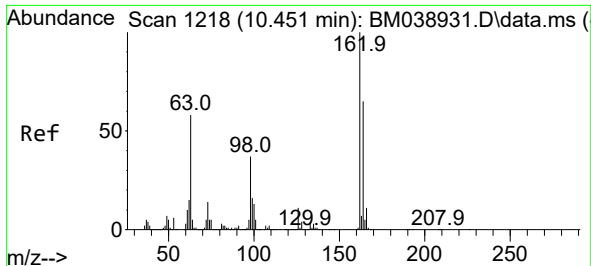


#28
bis(2-Chloroethoxy)methane
Concen: 49.936 ng
RT: 10.175 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37



Tgt Ion: 93 Resp: 1664015
Ion Ratio Lower Upper
93 100
95 32.7 25.9 38.9
123 11.2 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 56.674 ng

RT: 10.416 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039141.D

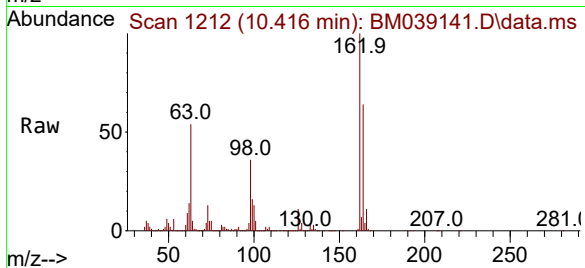
Acq: 24 Mar 2023 14:37

Instrument :

BNA_M

ClientSampleId :

PB151580BS



Tgt Ion:162 Resp: 121418

Ion Ratio Lower Upper

162 100

164 64.0 44.6 84.6

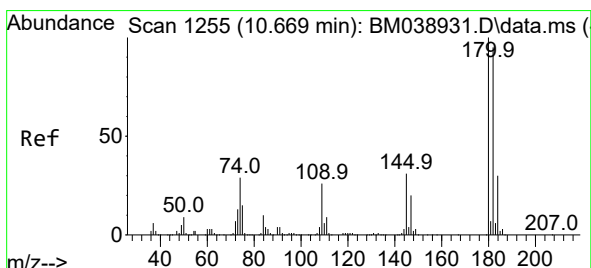
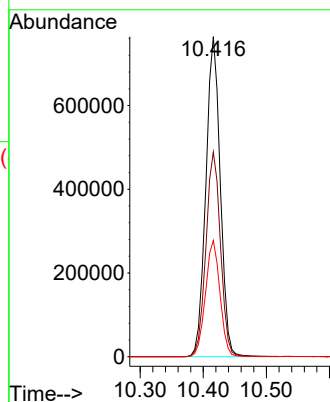
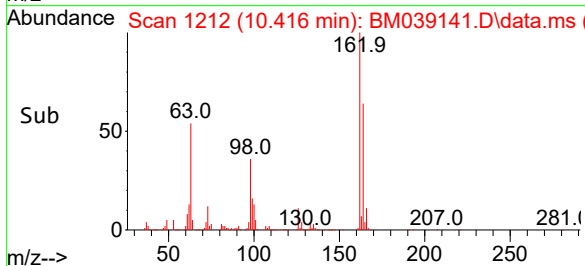
98 36.3 17.5 57.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/27/2023

Supervised By :Jagrut Upadhyay 03/27/2023



#30

1,2,4-Trichlorobenzene

Concen: 48.357 ng

RT: 10.628 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BM039141.D

Acq: 24 Mar 2023 14:37

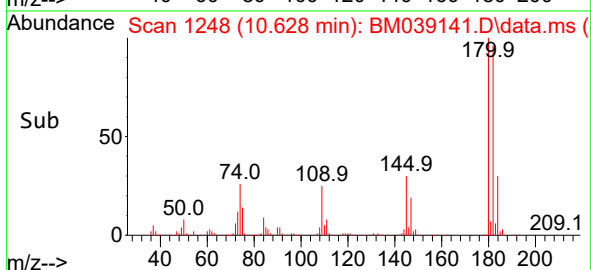
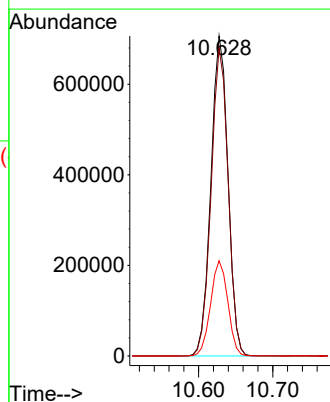
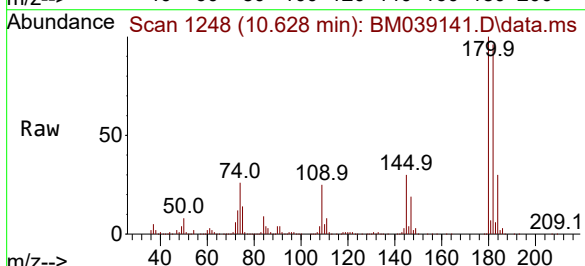
Tgt Ion:180 Resp: 1132110

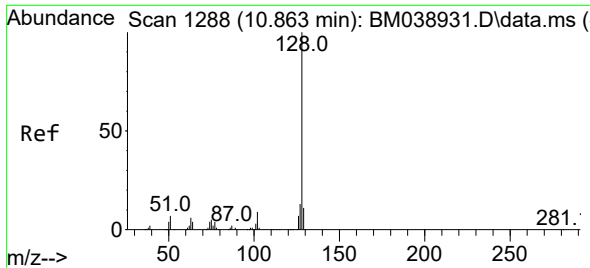
Ion Ratio Lower Upper

180 100

182 96.1 76.3 114.5

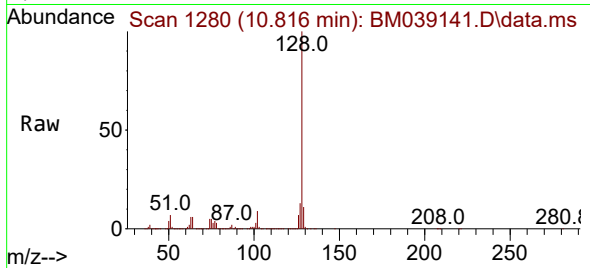
145 29.7 25.0 37.4





#31
Naphthalene
Concen: 46.173 ng
RT: 10.816 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

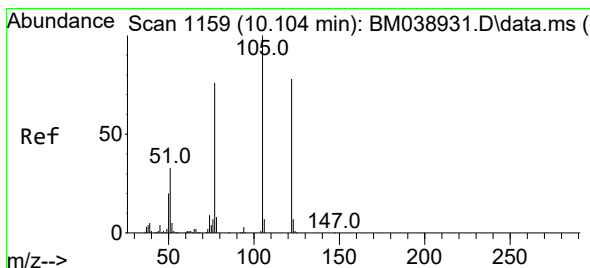
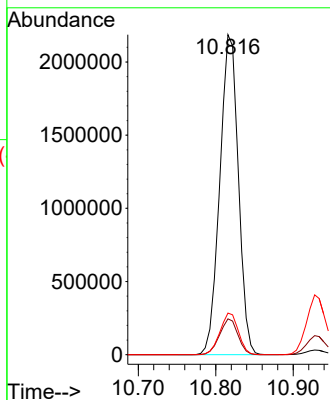
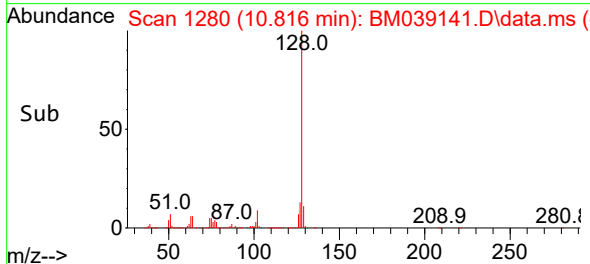
Instrument :
BNA_M
ClientSampleId :
PB151580BS



Tgt Ion:128 Resp: 3644789
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.0 10.2 15.4

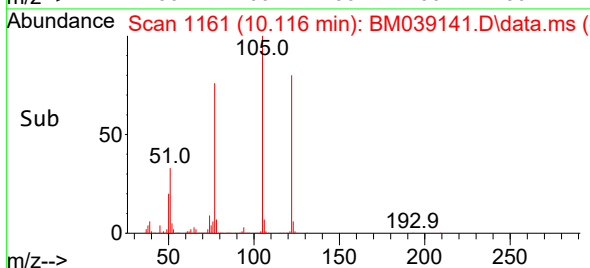
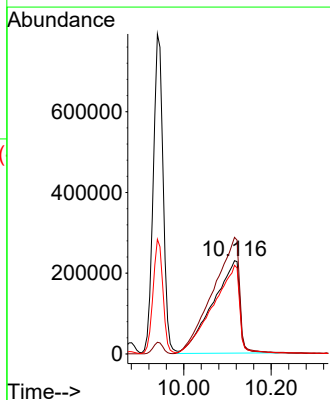
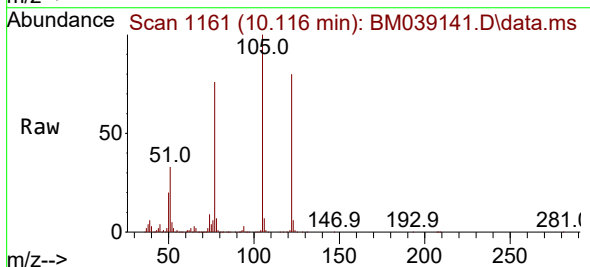
Manual Integrations
APPROVED

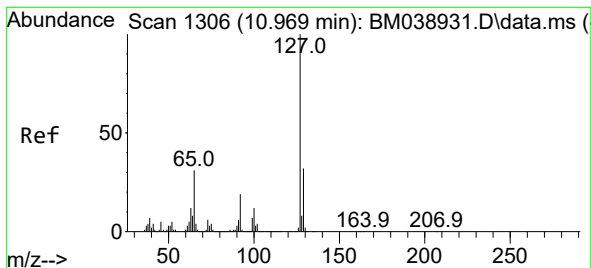
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#32
Benzoic acid
Concen: 57.684 ng
RT: 10.116 min Scan# 1161
Delta R.T. 0.024 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

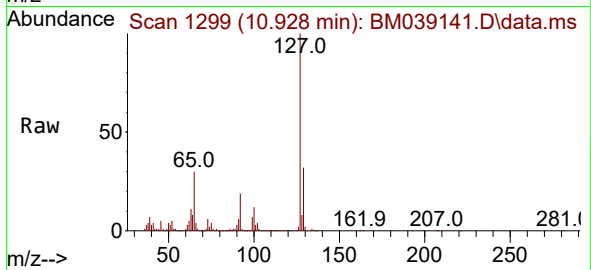
Tgt Ion:122 Resp: 978173
Ion Ratio Lower Upper
122 100
105 125.1 104.2 144.2
77 95.1 75.1 115.1





#33
4-Chloroaniline
Concen: 21.873 ng
RT: 10.928 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

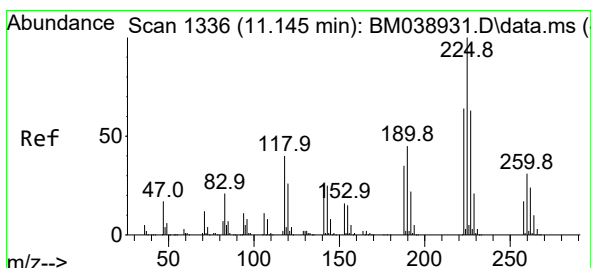
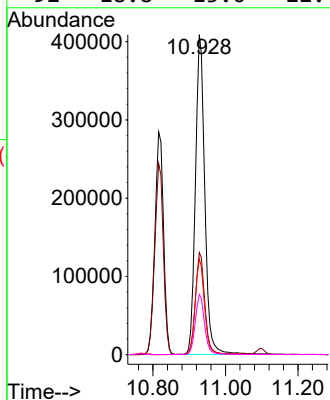
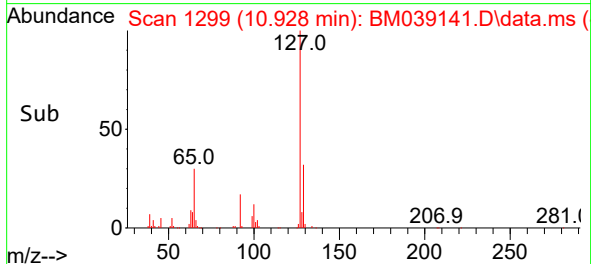
Instrument :
BNA_M
ClientSampleId :
PB151580BS



Tgt Ion:127 Resp: 73583
Ion Ratio Lower Upper
127 100
129 31.9 25.4 38.2
65 30.0 24.4 36.6
92 18.8 15.0 22.4

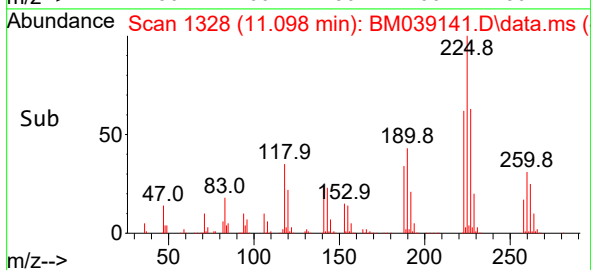
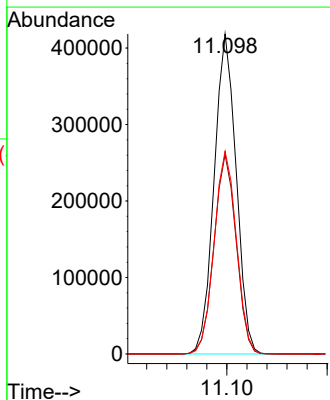
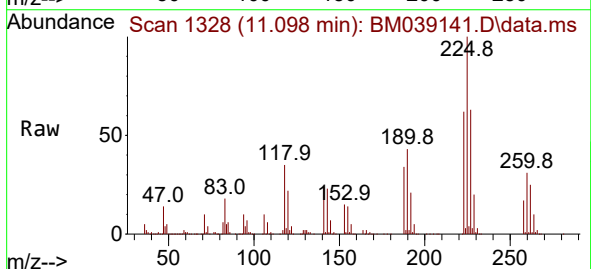
Manual Integrations
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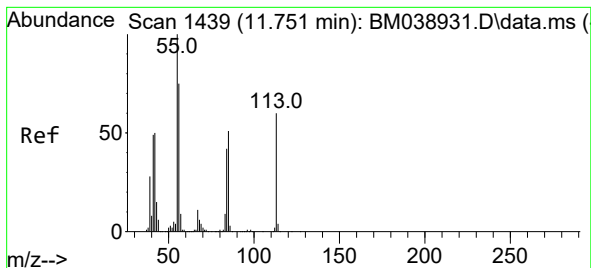
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#34
Hexachlorobutadiene
Concen: 47.530 ng
RT: 11.098 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

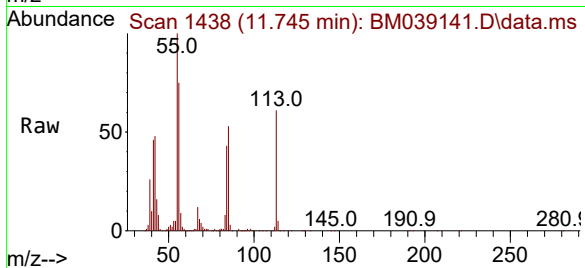
Tgt Ion:225 Resp: 638115
Ion Ratio Lower Upper
225 100
223 62.3 51.3 76.9
227 63.3 50.6 76.0





#35
Caprolactam
Concen: 59.987 ng m
RT: 11.745 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

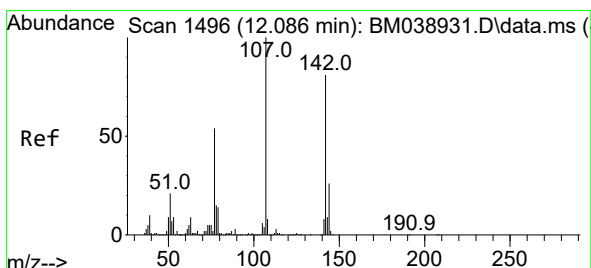
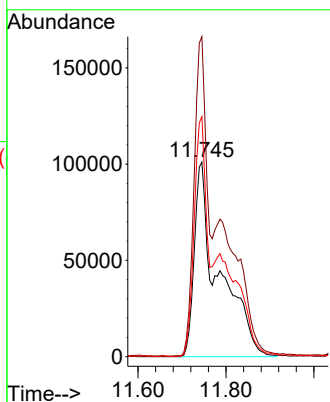
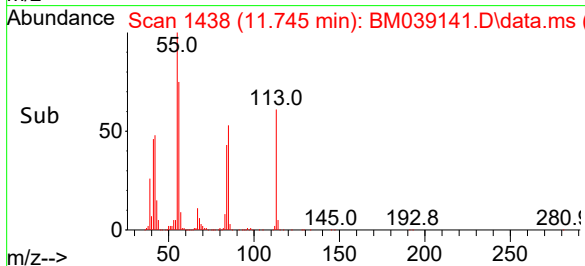
Instrument :
BNA_M
ClientSampleId :
PB151580BS



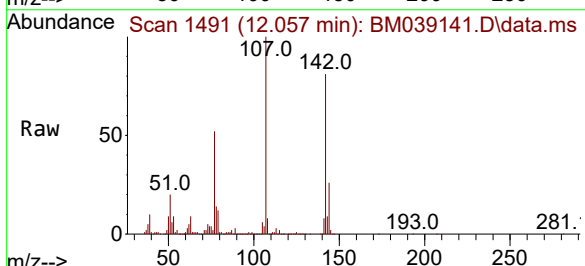
Tgt Ion:113 Resp: 39114
Ion Ratio Lower Upper
113 100
55 164.4 147.0 187.0
56 123.3 105.1 145.1

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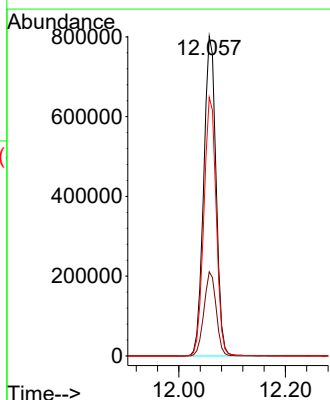
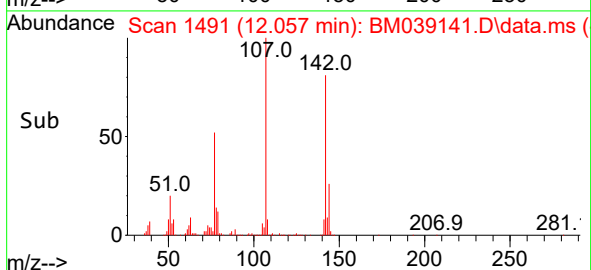
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

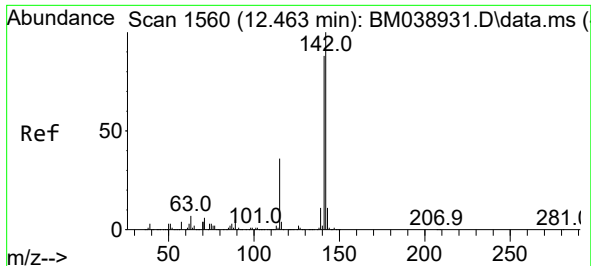


#36
4-Chloro-3-methylphenol
Concen: 56.511 ng
RT: 12.057 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37



Tgt Ion:107 Resp: 1289206
Ion Ratio Lower Upper
107 100
144 26.3 20.7 31.1
142 80.8 64.6 97.0





#37

2-Methylnaphthalene

Concen: 47.892 ng

RT: 12.428 min Scan# 1554

Delta R.T. 0.000 min

Lab File: BM039141.D

Acq: 24 Mar 2023 14:37

Instrument :

BNA_M

ClientSampleId :

PB151580BS

Tgt Ion:142 Resp: 2533878

Ion Ratio Lower Upper

142 100

141 87.9 70.6 106.0

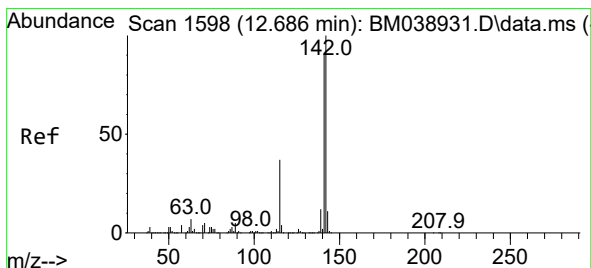
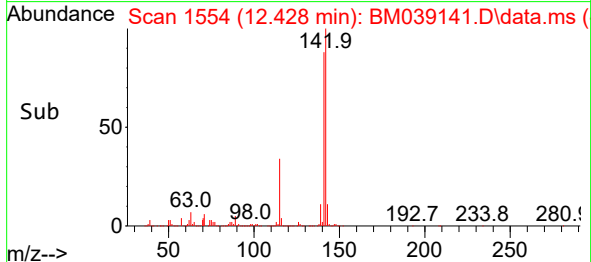
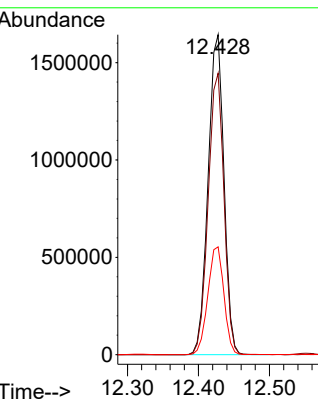
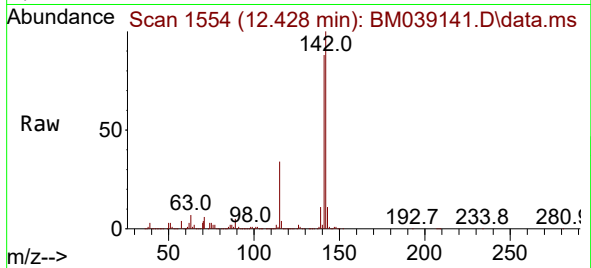
115 33.7 28.5 42.7

Manual Integrations

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Reviewed By :Christian Giraldo 03/27/2023

Supervised By :Jagrut Upadhyay 03/27/2023



#38

1-Methylnaphthalene

Concen: 47.750 ng

RT: 12.645 min Scan# 1591

Delta R.T. 0.000 min

Lab File: BM039141.D

Acq: 24 Mar 2023 14:37

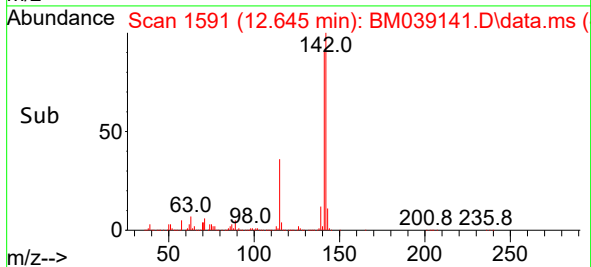
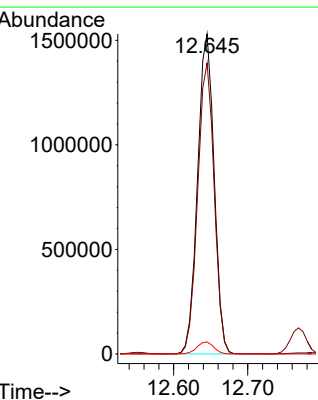
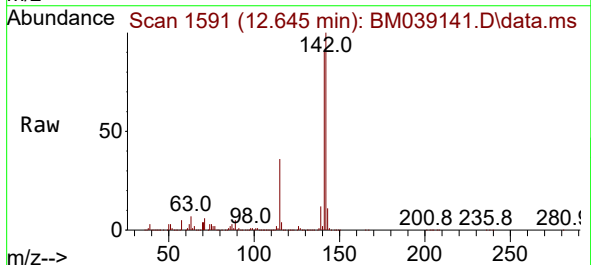
Tgt Ion:142 Resp: 2367561

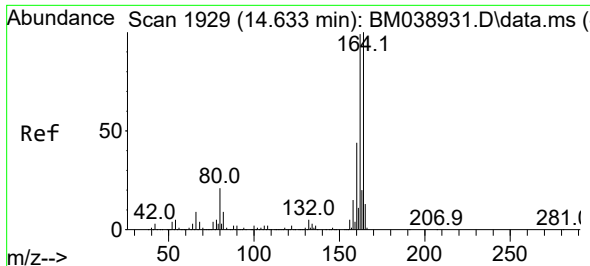
Ion Ratio Lower Upper

142 100

141 90.9 72.8 109.2

116 3.7 3.0 4.4





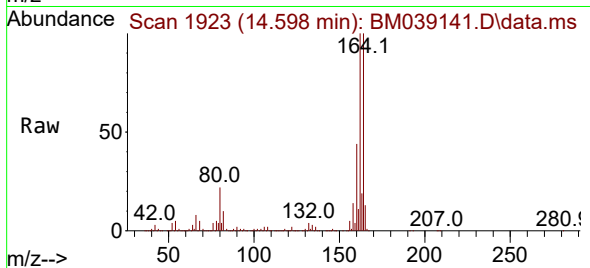
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1616
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

Instrument :

BNA_M

ClientSampleId :

PB151580BS

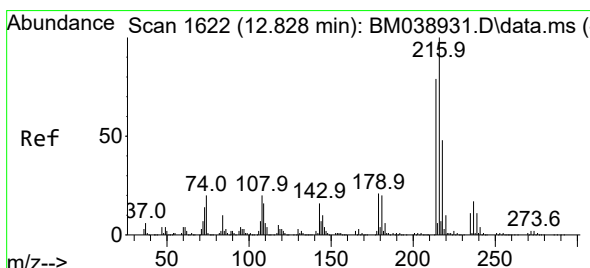
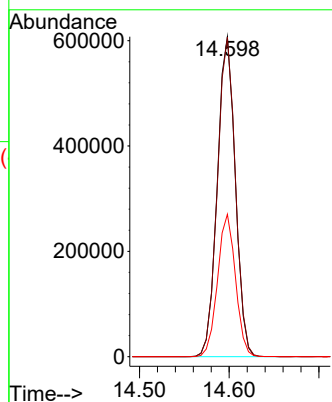
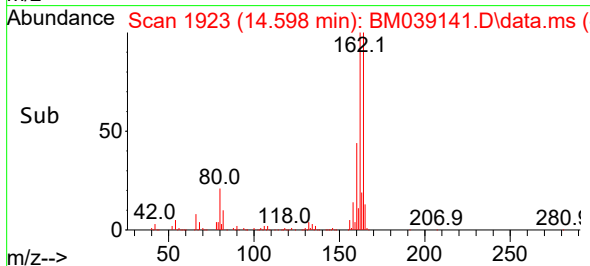


Tgt Ion:164 Resp: 84504
Ion Ratio Lower Upper
164 100
162 99.8 79.2 118.8
160 44.5 35.5 53.3

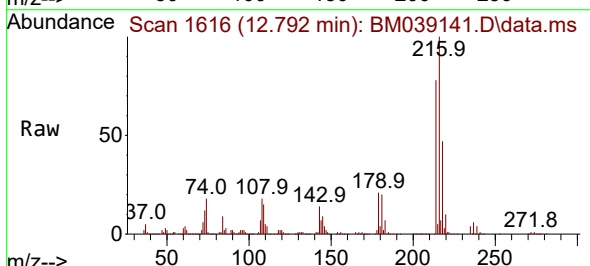
Manual Integrations

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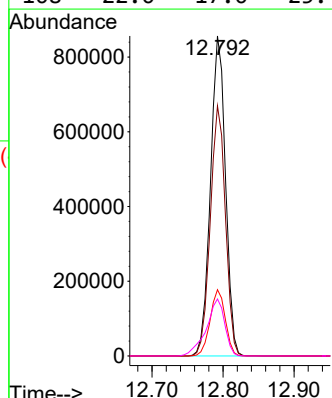
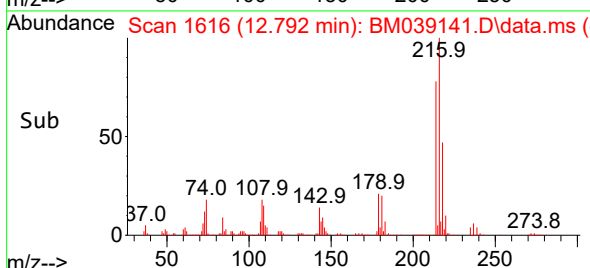
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

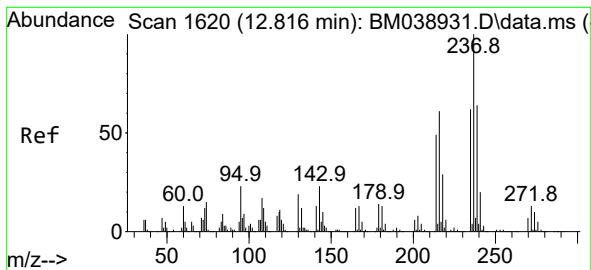


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.863 ng
RT: 12.792 min Scan# 1616
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37



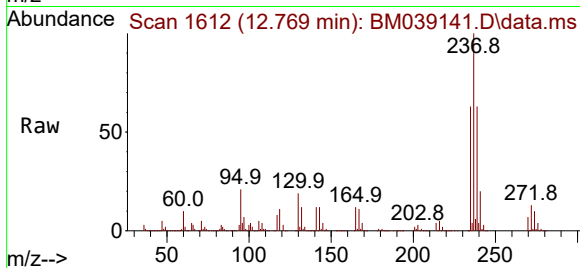
Tgt Ion:216 Resp: 1259933
Ion Ratio Lower Upper
216 100
214 78.7 63.0 94.4
179 20.8 16.8 25.2
108 22.0 17.0 25.4





#41
Hexachlorocyclopentadiene
Concen: 99.920 ng
RT: 12.769 min Scan# 1612
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

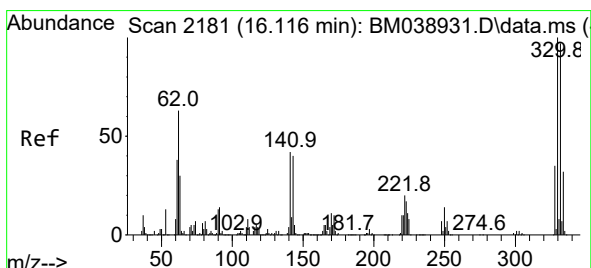
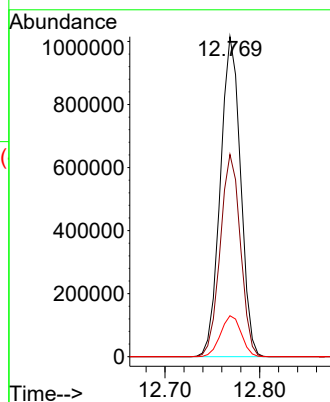
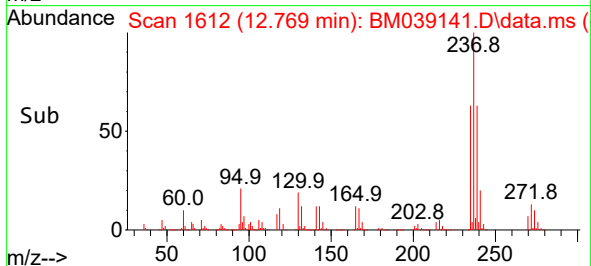
Instrument :
BNA_M
ClientSampleId :
PB151580BS



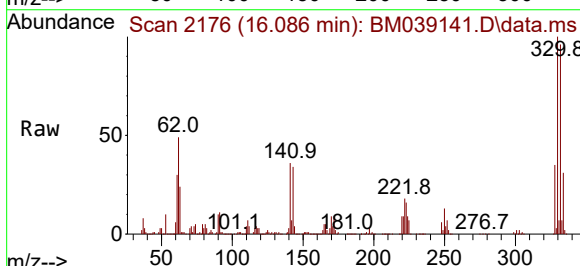
Tgt Ion:237 Resp: 1506740
Ion Ratio Lower Upper
237 100
235 63.2 41.7 81.7
272 12.8 0.0 33.2

Manual Integrations
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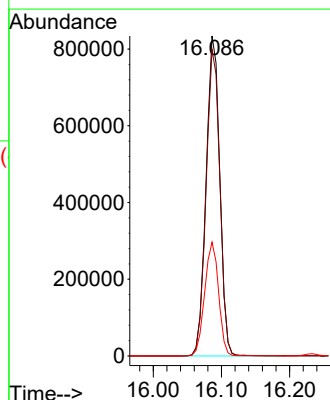
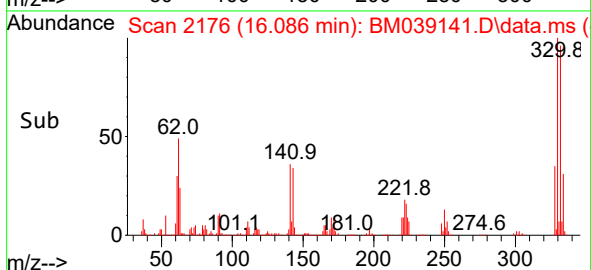
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

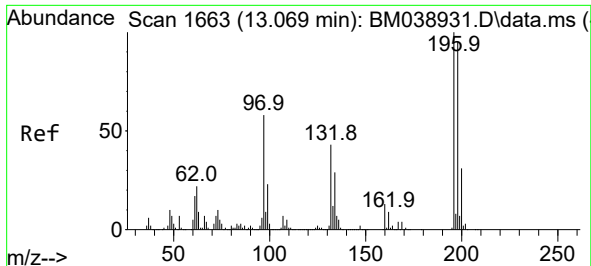


#42
2,4,6-Tribromophenol
Concen: 119.228 ng
RT: 16.086 min Scan# 2176
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37



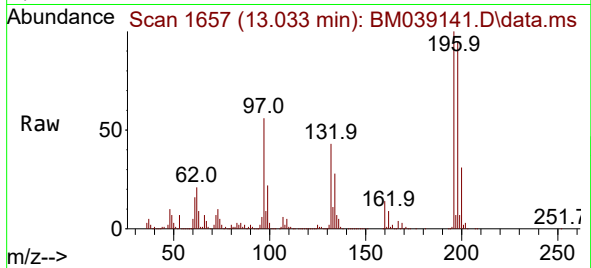
Tgt Ion:330 Resp: 1165552
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.0
141 36.2 32.2 48.4





#43
2,4,6-Trichlorophenol
Concen: 52.716 ng
RT: 13.033 min Scan# 1657
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

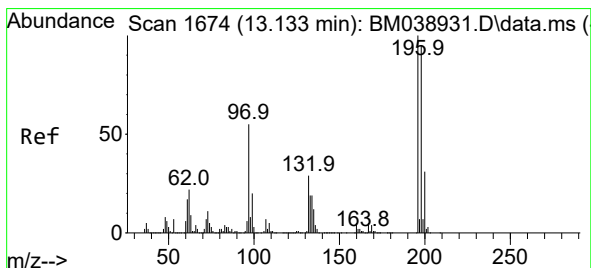
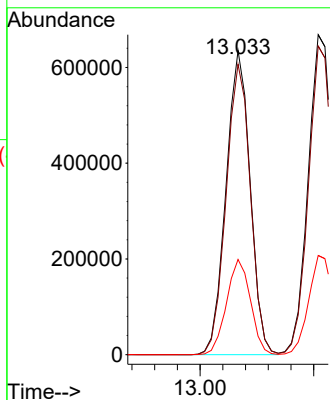
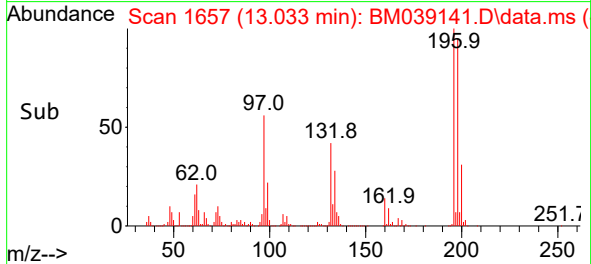
Instrument :
BNA_M
ClientSampleId :
PB151580BS



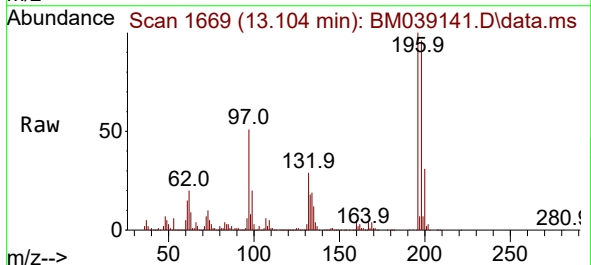
Tgt Ion:196 Resp: 937790
Ion Ratio Lower Upper
196 100
198 95.5 75.8 113.8
200 31.3 25.0 37.4

Manual Integrations
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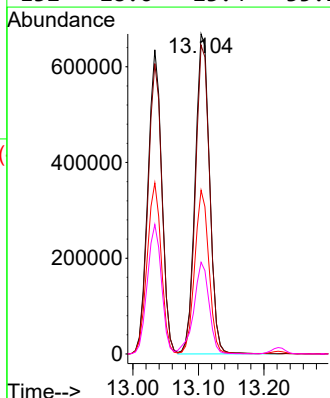
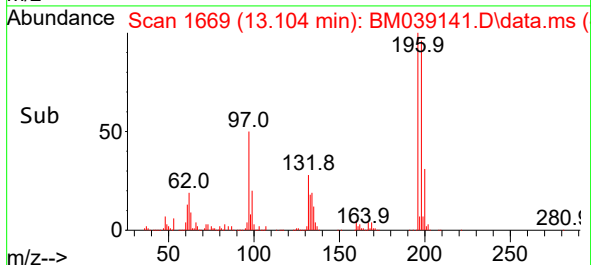
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

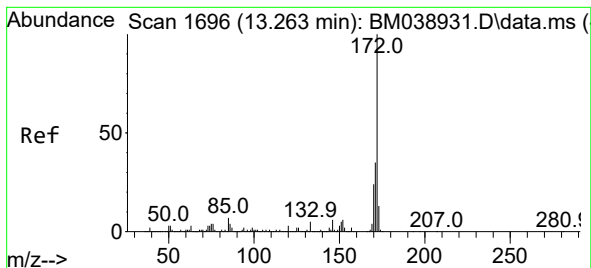


#44
2,4,5-Trichlorophenol
Concen: 49.173 ng
RT: 13.104 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37



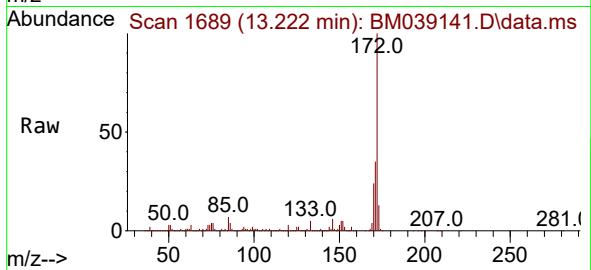
Tgt Ion:196 Resp: 1023911
Ion Ratio Lower Upper
196 100
198 96.4 76.3 114.5
97 51.2 44.2 66.4
132 28.6 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 67.472 ng
RT: 13.222 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

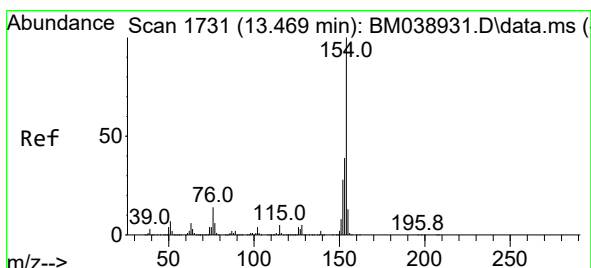
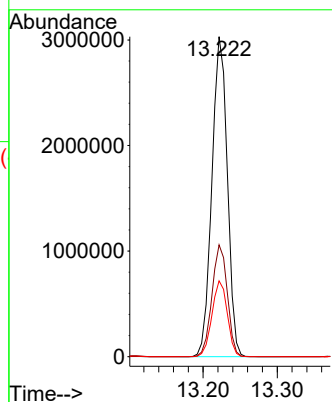
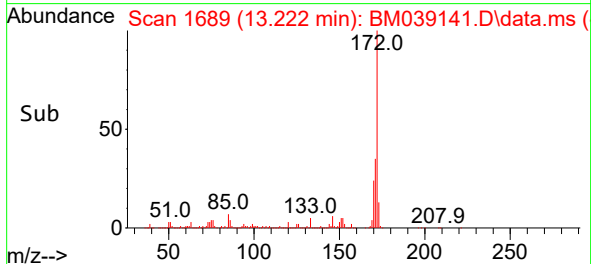
Instrument :
BNA_M
ClientSampleId :
PB151580BS



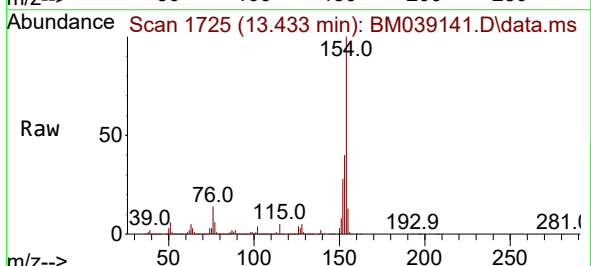
Tgt Ion:172 Resp: 437986
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.2
170 23.7 19.1 28.7

Manual Integrations
APPROVED

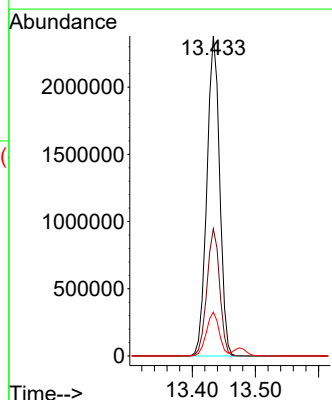
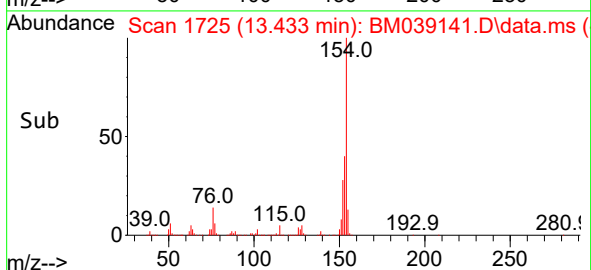
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

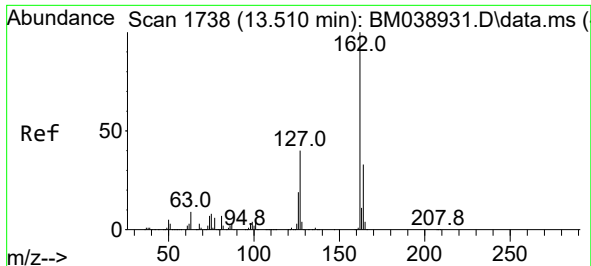


#46
1,1'-Biphenyl
Concen: 46.710 ng
RT: 13.433 min Scan# 1725
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37



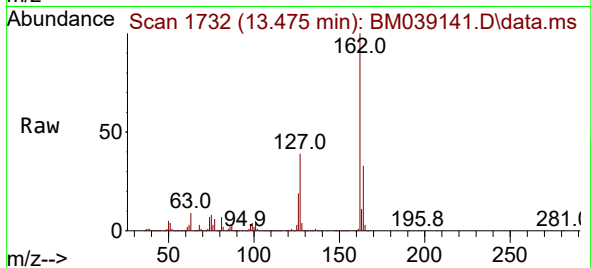
Tgt Ion:154 Resp: 3343958
Ion Ratio Lower Upper
154 100
153 39.8 19.3 59.3
76 13.7 0.0 34.0





#47
2-Chloronaphthalene
Concen: 48.144 ng
RT: 13.475 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

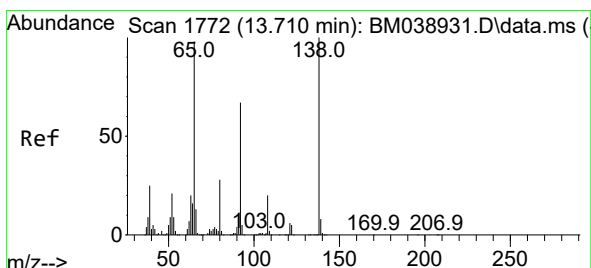
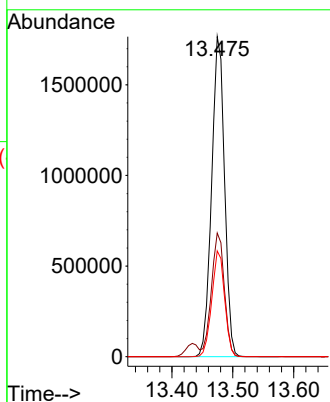
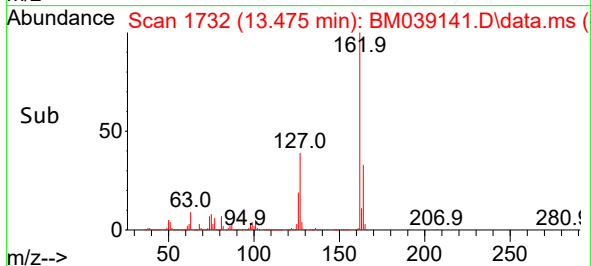
Instrument :
BNA_M
ClientSampleId :
PB151580BS



Tgt Ion:162 Resp: 2599020
Ion Ratio Lower Upper
162 100
127 38.6 32.1 48.1
164 33.1 26.2 39.4

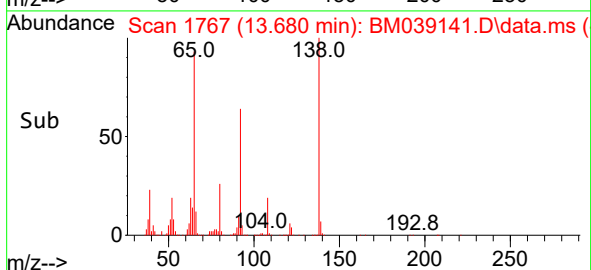
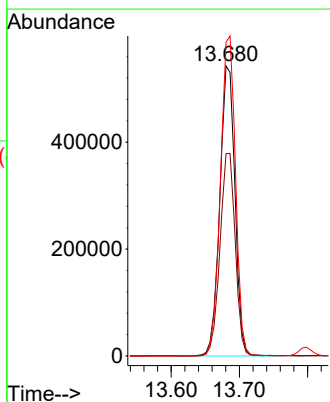
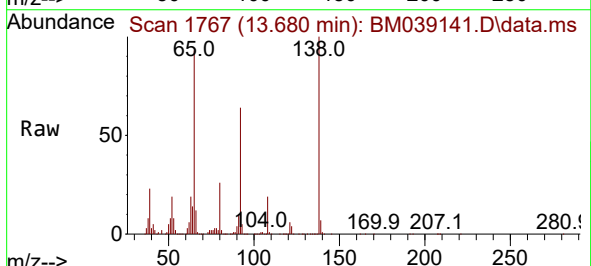
Manual Integrations
APPROVED

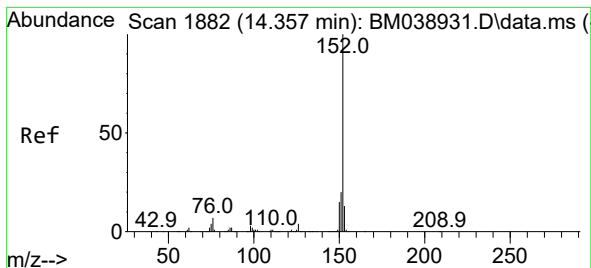
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#48
2-Nitroaniline
Concen: 48.570 ng
RT: 13.680 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

Tgt Ion: 65 Resp: 839971
Ion Ratio Lower Upper
65 100
92 69.7 54.9 82.3
138 108.1 81.6 122.4





#49

Acenaphthylene

Concen: 47.954 ng

RT: 14.322 min Scan# 1876

Delta R.T. 0.000 min

Lab File: BM039141.D

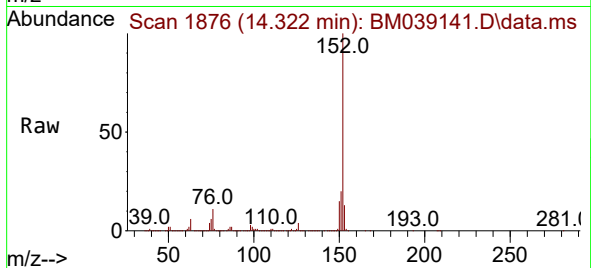
Acq: 24 Mar 2023 14:37

Instrument :

BNA_M

ClientSampleId :

PB151580BS



Tgt Ion:152 Resp: 4123528

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

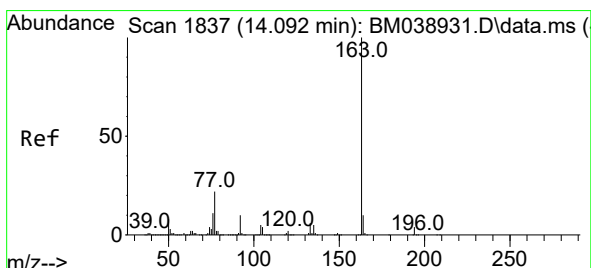
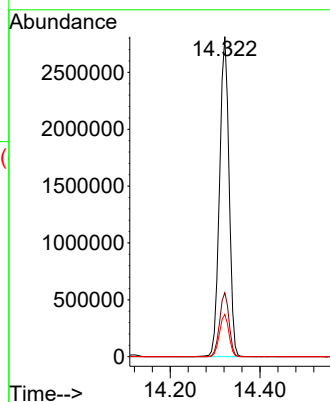
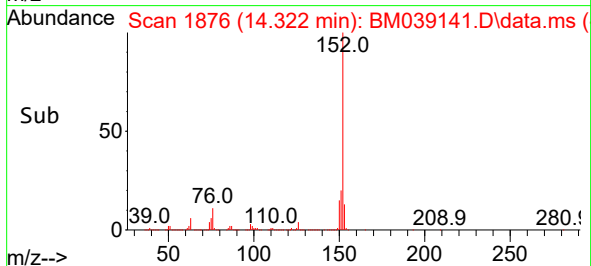
153 13.2 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/27/2023

Supervised By :Jagrut Upadhyay 03/27/2023



#50

Dimethylphthalate

Concen: 48.375 ng

RT: 14.063 min Scan# 1832

Delta R.T. 0.000 min

Lab File: BM039141.D

Acq: 24 Mar 2023 14:37

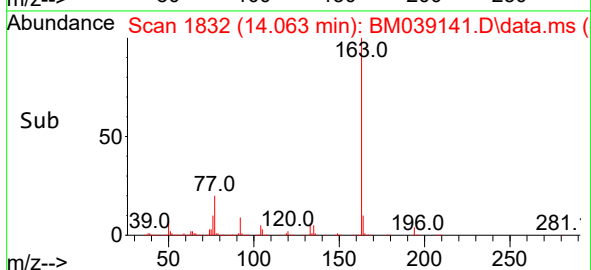
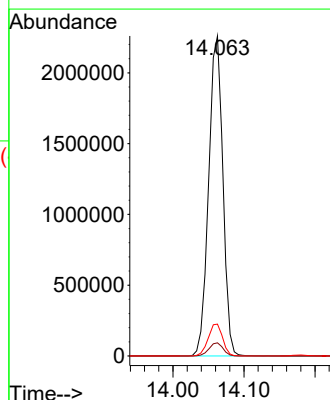
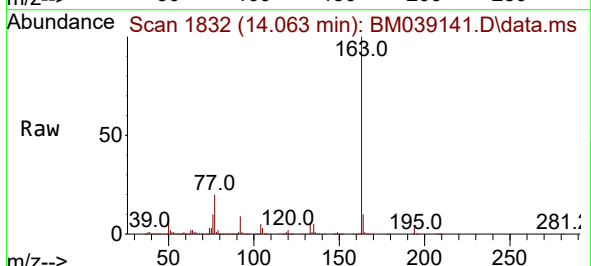
Tgt Ion:163 Resp: 3145587

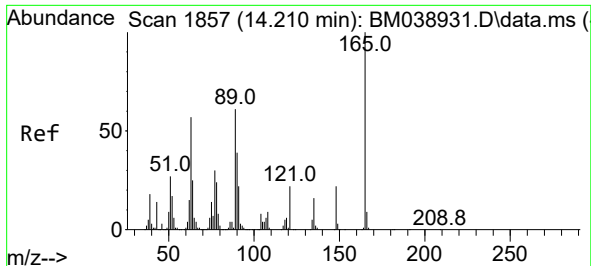
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

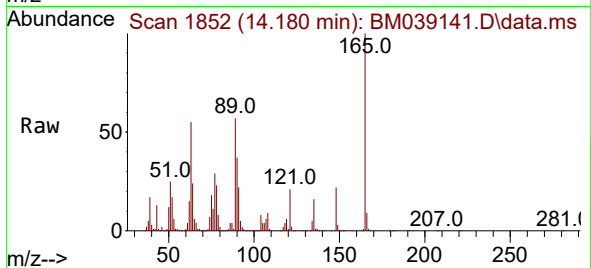
164 10.0 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 49.348 ng
RT: 14.180 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

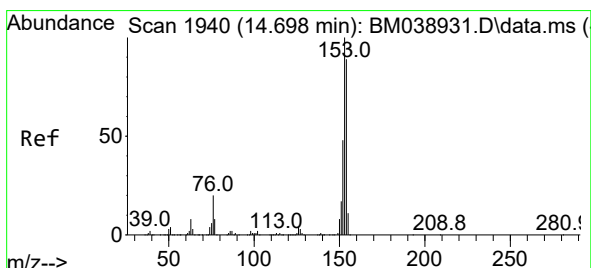
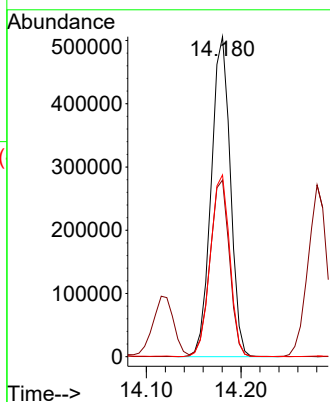
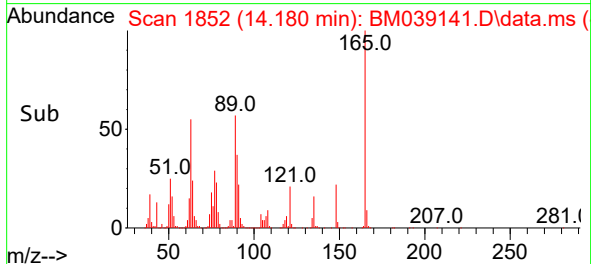
Instrument :
BNA_M
ClientSampleId :
PB151580BS



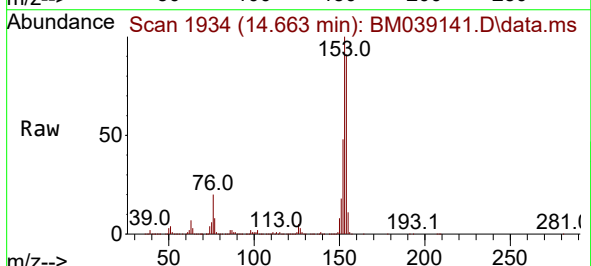
Tgt Ion:165 Resp: 710424
Ion Ratio Lower Upper
165 100
63 55.2 46.6 70.0
89 56.8 48.6 73.0

Manual Integrations
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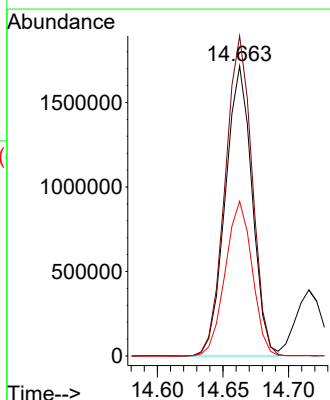
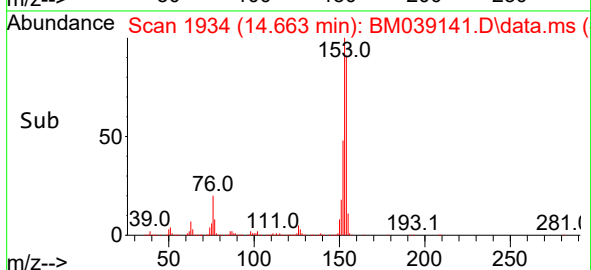
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

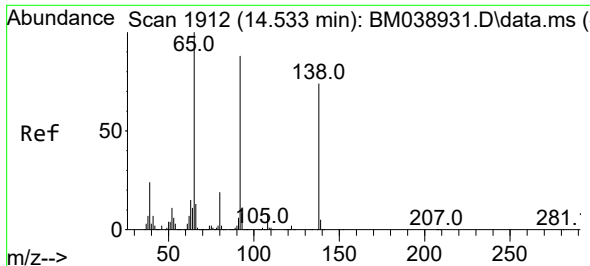


#52
Acenaphthene
Concen: 46.202 ng
RT: 14.663 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37



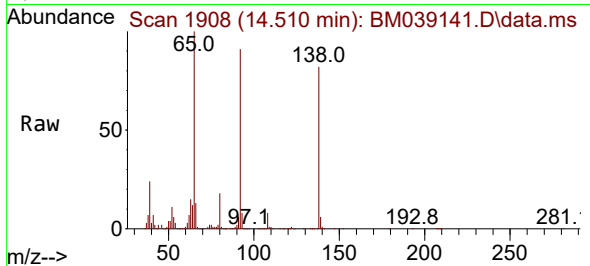
Tgt Ion:154 Resp: 2441577
Ion Ratio Lower Upper
154 100
153 110.4 90.2 135.2
152 53.4 43.4 65.2





#53
3-Nitroaniline
Concen: 32.728 ng
RT: 14.510 min Scan# 1908
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

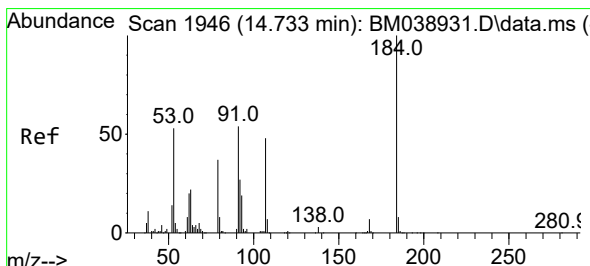
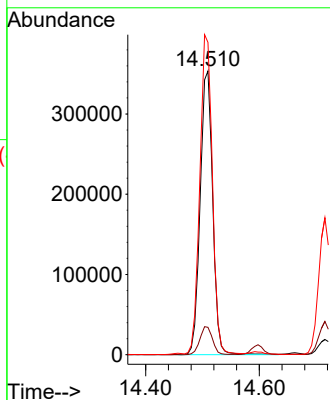
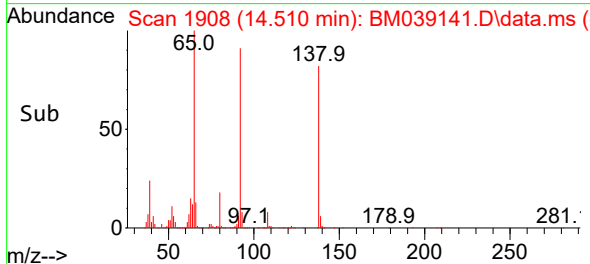
Instrument :
BNA_M
ClientSampleId :
PB151580BS



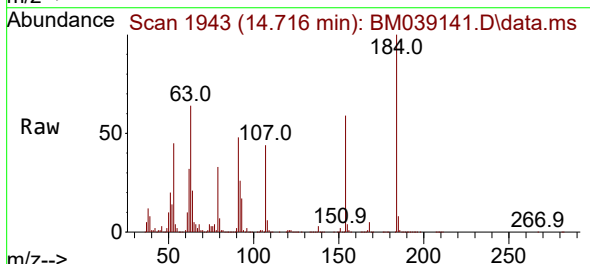
Tgt Ion:138 Resp: 541394
Ion Ratio Lower Upper
138 100
108 9.7 8.3 12.5
92 110.1 95.8 143.8

Manual Integrations
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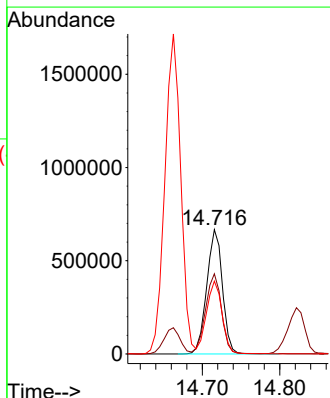
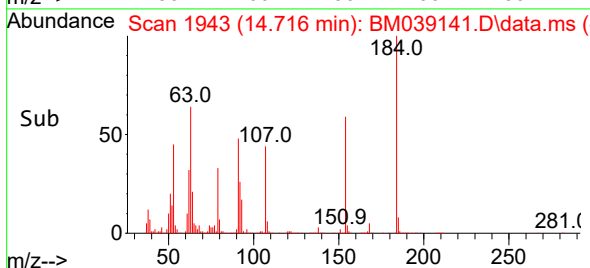
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

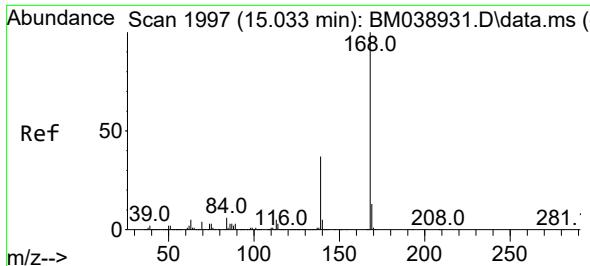


#54
2,4-Dinitrophenol
Concen: 111.385 ng
RT: 14.716 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37



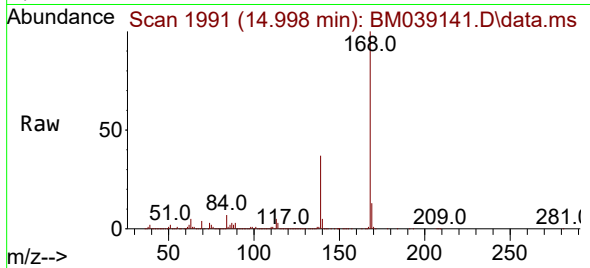
Tgt Ion:184 Resp: 938667
Ion Ratio Lower Upper
184 100
63 64.5 60.6 90.8
154 58.6 51.4 77.2





#55
Dibenzenofuran
Concen: 46.200 ng
RT: 14.998 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

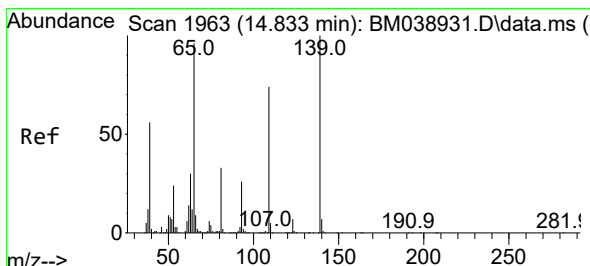
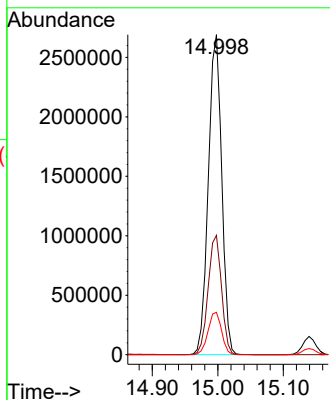
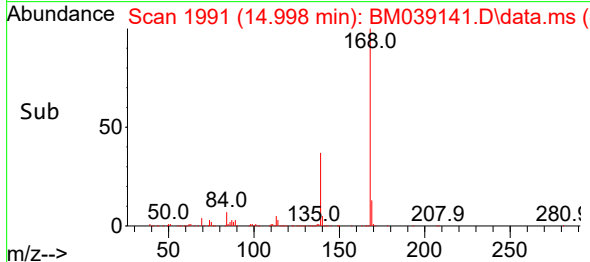
Instrument :
BNA_M
ClientSampleId :
PB151580BS



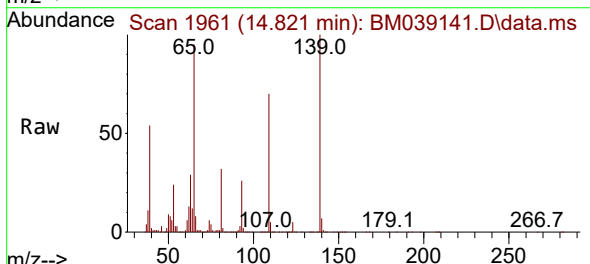
Tgt Ion:168 Resp: 3820490
Ion Ratio Lower Upper
168 100
139 37.3 29.9 44.9
169 13.3 10.7 16.1

Manual Integrations
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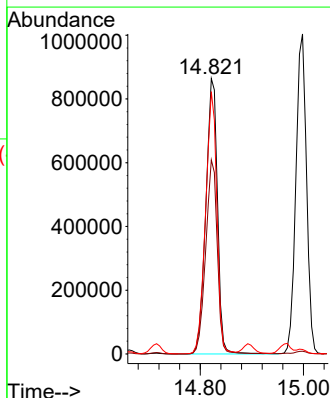
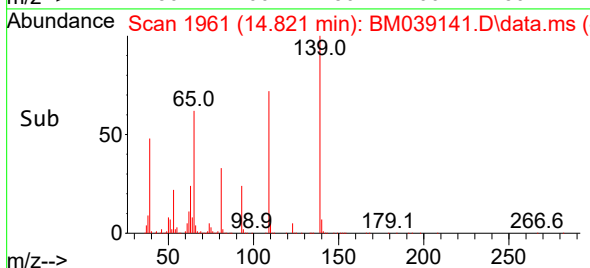
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

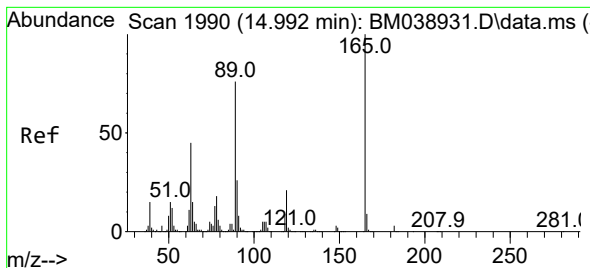


#56
4-Nitrophenol
Concen: 104.750 ng
RT: 14.821 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37



Tgt Ion:139 Resp: 1352770
Ion Ratio Lower Upper
139 100
109 70.5 53.5 93.5
65 95.2 76.4 116.4





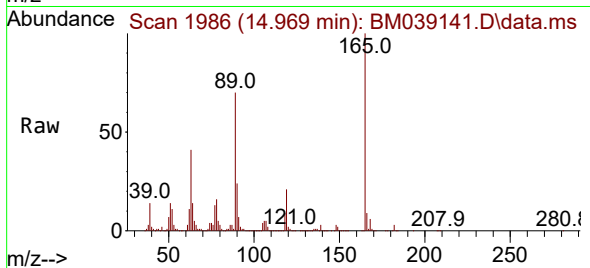
#57
2,4-Dinitrotoluene
Concen: 51.406 ng
RT: 14.969 min Scan# 1990
Delta R.T. 0.006 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

Instrument :

BNA_M

ClientSampleId :

PB151580BS

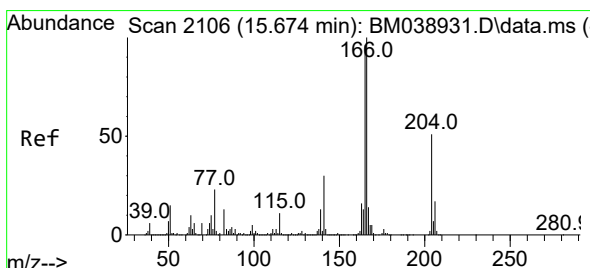
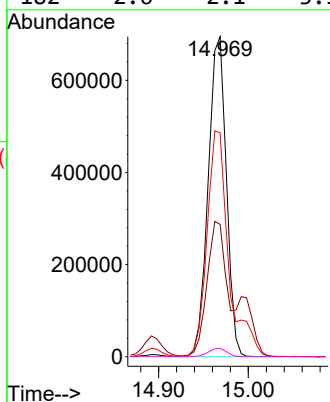
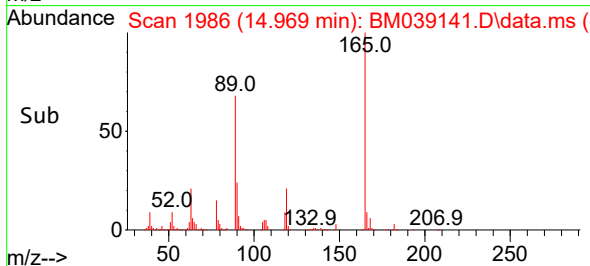


Tgt Ion:165 Resp: 975772
Ion Ratio Lower Upper
165 100
63 41.3 35.9 53.9
89 70.0 61.0 91.6
182 2.6 2.1 3.1

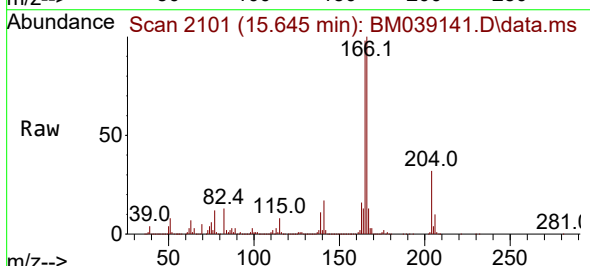
Manual Integrations

APPROVED

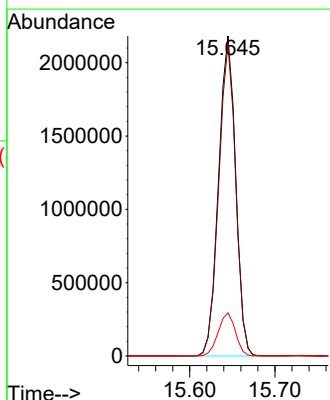
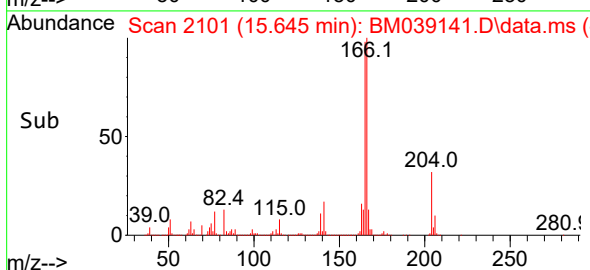
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

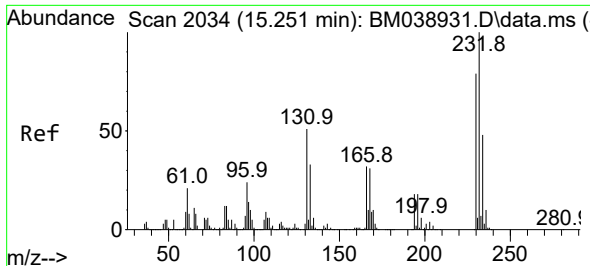


#58
Fluorene
Concen: 46.928 ng
RT: 15.645 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37



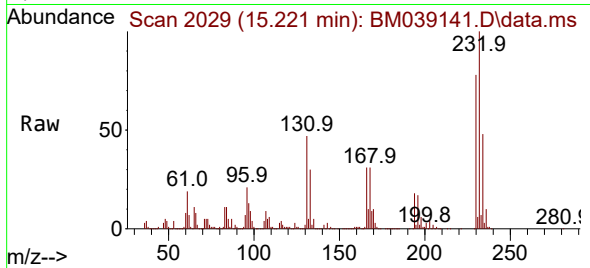
Tgt Ion:166 Resp: 3039854
Ion Ratio Lower Upper
166 100
165 97.6 77.1 115.7
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.890 ng
RT: 15.221 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

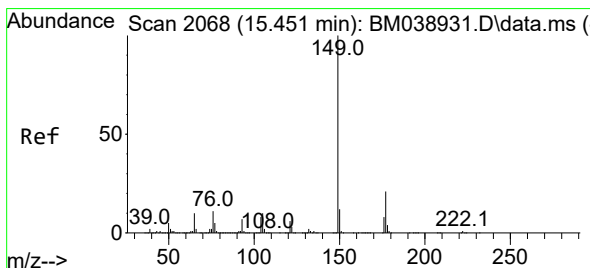
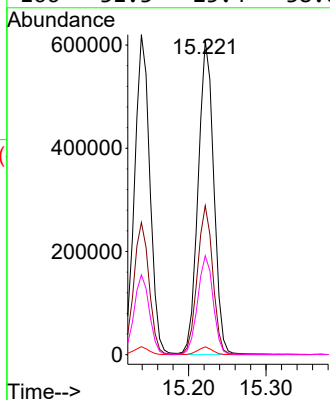
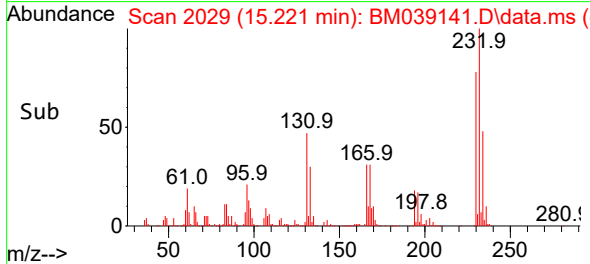
Instrument :
BNA_M
ClientSampleId :
PB151580BS



Tgt Ion:232 Resp: 849352
Ion Ratio Lower Upper
232 100
131 47.0 40.0 60.0
130 2.4 2.0 3.0
166 31.3 25.4 38.0

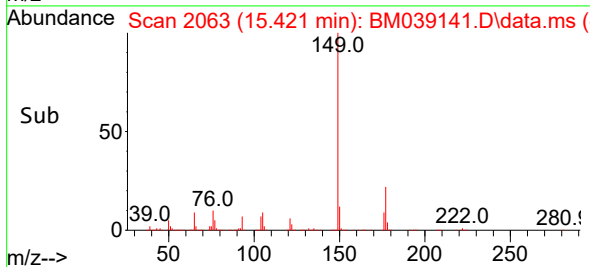
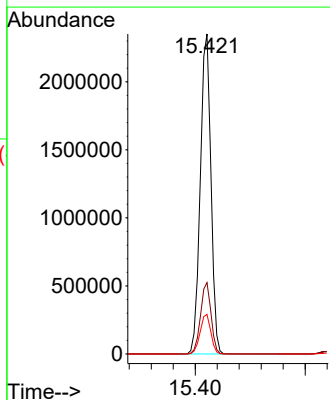
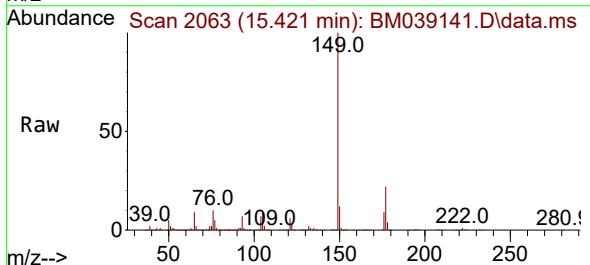
Manual Integrations
APPROVED

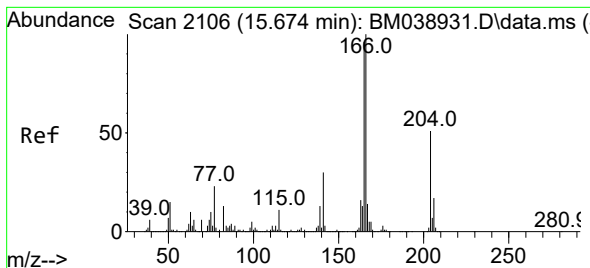
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#60
Diethylphthalate
Concen: 49.916 ng
RT: 15.421 min Scan# 2063
Delta R.T. 0.006 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

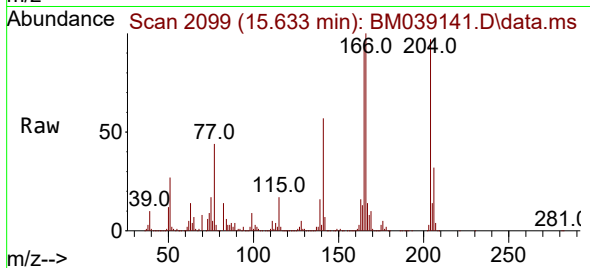
Tgt Ion:149 Resp: 3158179
Ion Ratio Lower Upper
149 100
177 22.3 17.1 25.7
150 12.3 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 47.047 ng
RT: 15.633 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

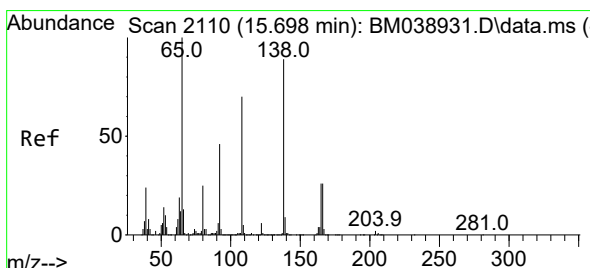
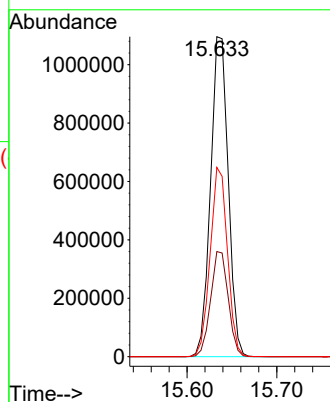
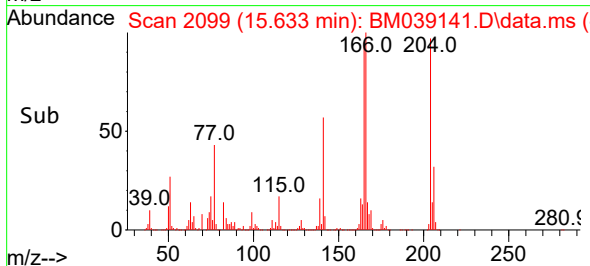
Instrument :
BNA_M
ClientSampleId :
PB151580BS



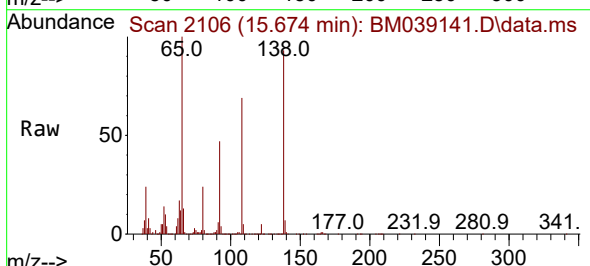
Tgt Ion:204 Resp: 1497200
Ion Ratio Lower Upper
204 100
206 32.9 26.4 39.6
141 59.2 46.4 69.6

Manual Integrations
APPROVED

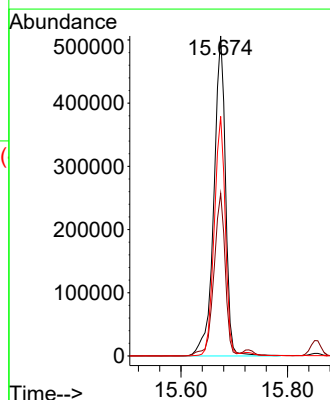
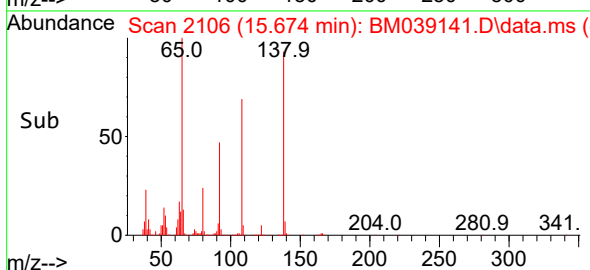
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

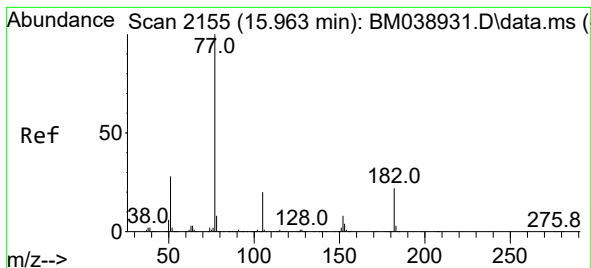


#62
4-Nitroaniline
Concen: 45.246 ng
RT: 15.674 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37



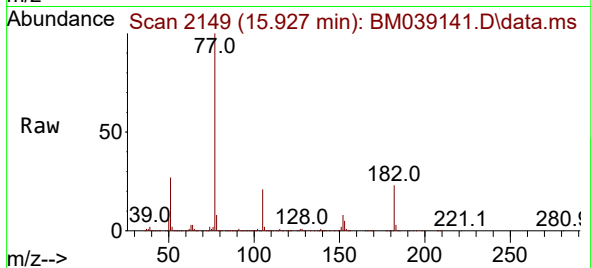
Tgt Ion:138 Resp: 772432
Ion Ratio Lower Upper
138 100
92 50.8 31.6 71.6
108 74.9 58.6 98.6





#63
Azobenzene
Concen: 47.531 ng
RT: 15.927 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

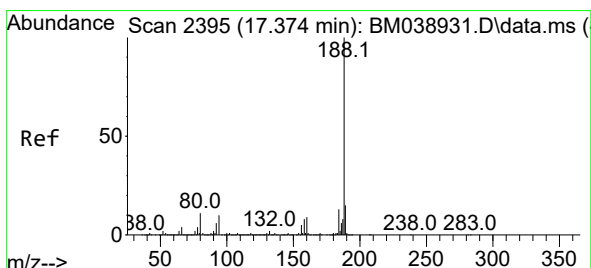
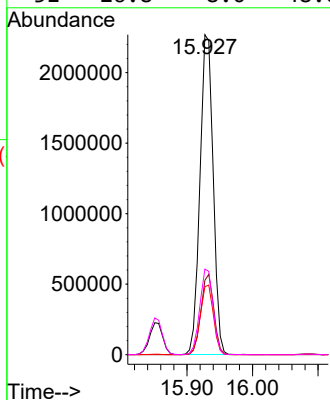
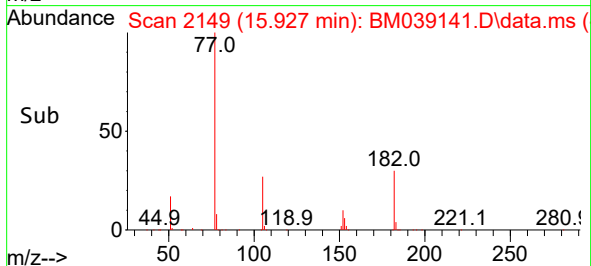
Instrument :
BNA_M
ClientSampleId :
PB151580BS



Tgt Ion: 77 Resp: 3182030
Ion Ratio Lower Upper
77 100
182 23.3 2.0 42.0
105 21.3 0.4 40.4
51 26.8 8.0 48.0

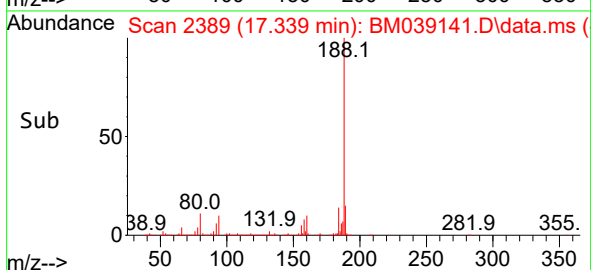
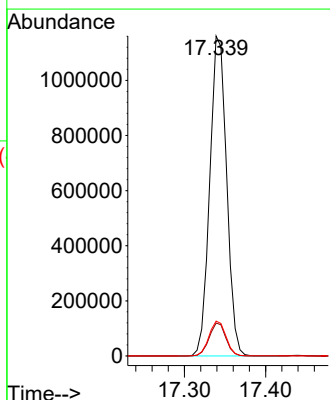
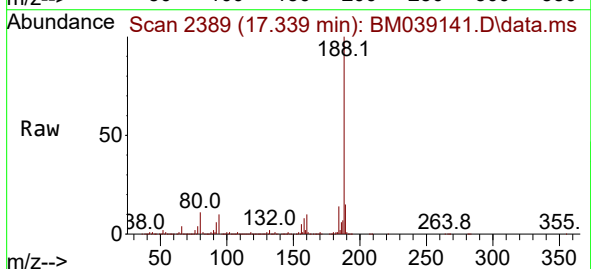
Manual Integrations
APPROVED

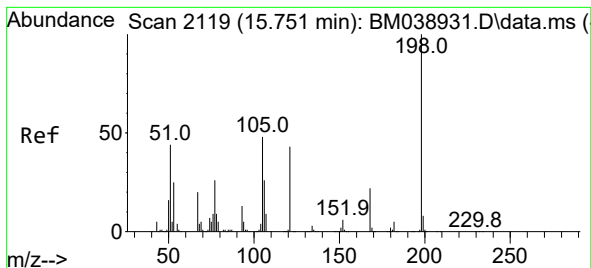
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.339 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

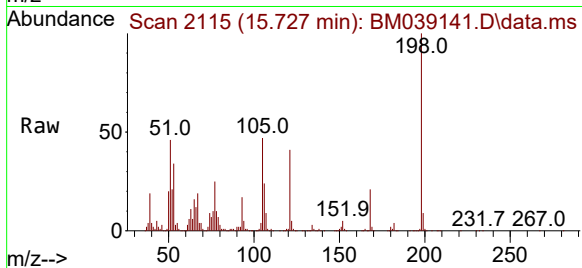
Tgt Ion:188 Resp: 1673378
Ion Ratio Lower Upper
188 100
94 10.3 7.9 11.9
80 10.9 8.5 12.7





#65
4,6-Dinitro-2-methylphenol
Concen: 49.964 ng
RT: 15.727 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

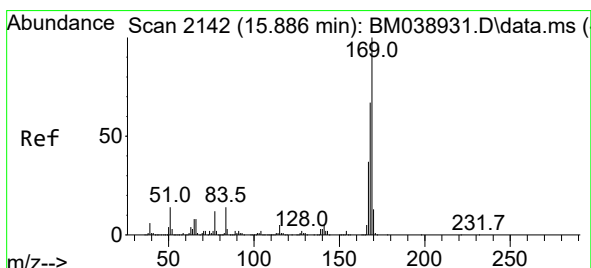
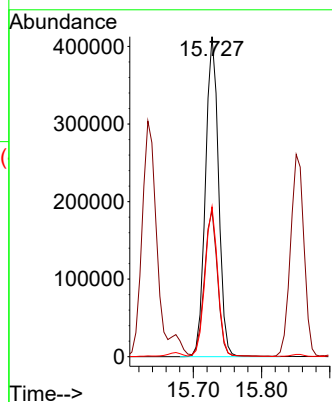
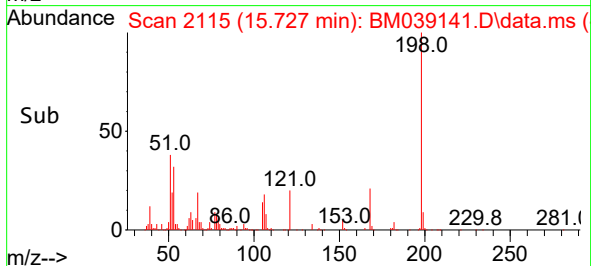
Instrument :
BNA_M
ClientSampleId :
PB151580BS



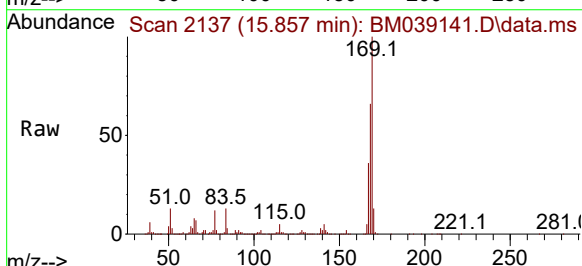
Tgt Ion:198 Resp: 55201
Ion Ratio Lower Upper
198 100
51 45.6 30.1 70.1
105 46.9 29.3 69.3

Manual Integrations
APPROVED

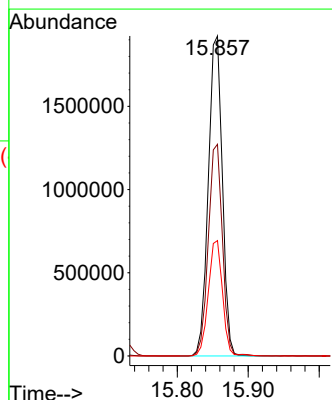
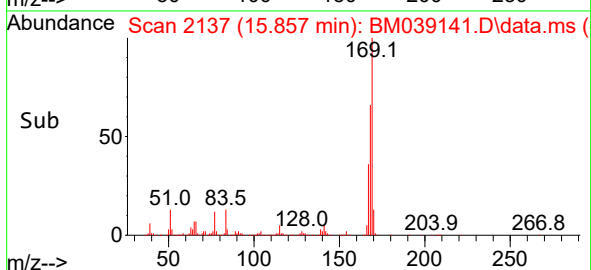
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

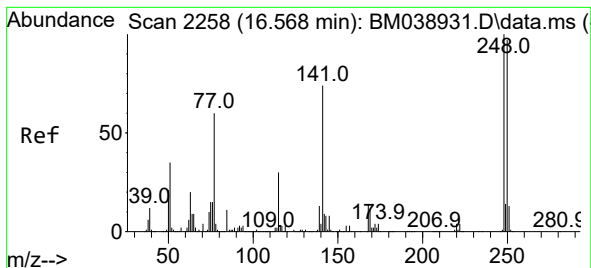


#66
n-Nitrosodiphenylamine
Concen: 46.785 ng
RT: 15.857 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37



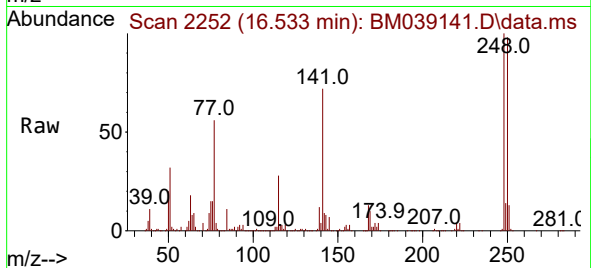
Tgt Ion:169 Resp: 2639299
Ion Ratio Lower Upper
169 100
168 66.2 53.4 80.0
167 36.0 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 49.425 ng
RT: 16.533 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

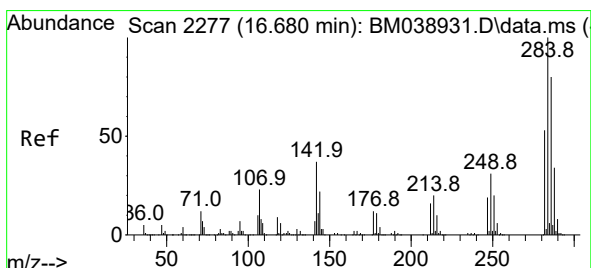
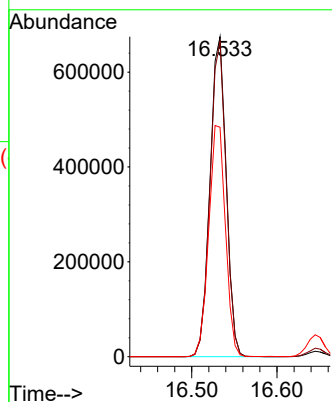
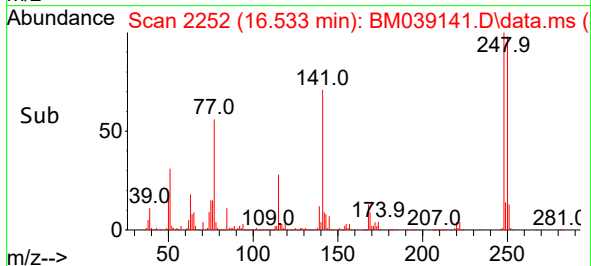
Instrument :
BNA_M
ClientSampleId :
PB151580BS



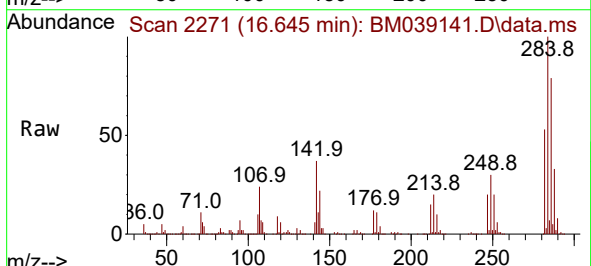
Tgt Ion:248 Resp: 893330
Ion Ratio Lower Upper
248 100
250 98.4 77.8 116.8
141 71.7 59.0 88.4

Manual Integrations
APPROVED

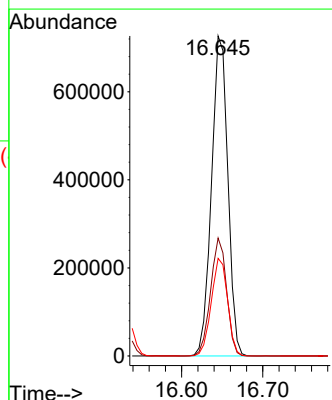
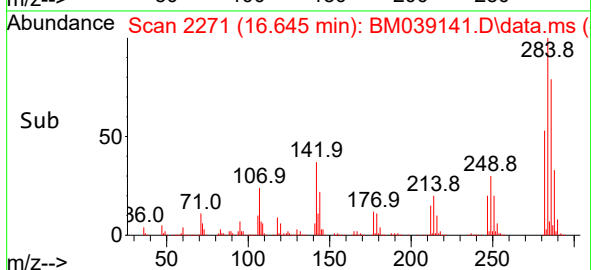
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

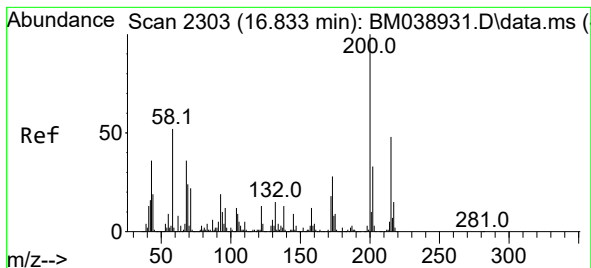


#68
Hexachlorobenzene
Concen: 50.099 ng
RT: 16.645 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37



Tgt Ion:284 Resp: 1012257
Ion Ratio Lower Upper
284 100
142 36.9 29.5 44.3
249 30.5 25.0 37.4





#69

Atrazine

Concen: 57.153 ng

RT: 16.810 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039141.D

Acq: 24 Mar 2023 14:37

Instrument :

BNA_M

ClientSampleId :

PB151580BS

Tgt Ion:200 Resp: 88066

Ion Ratio Lower Upper

200 100

173 26.9 8.2 48.2

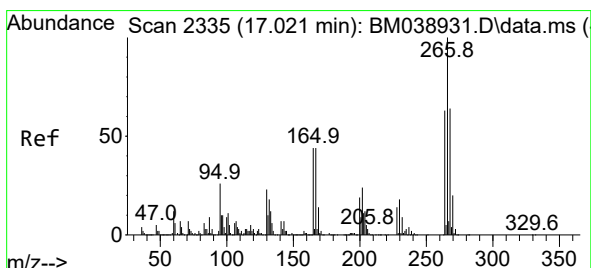
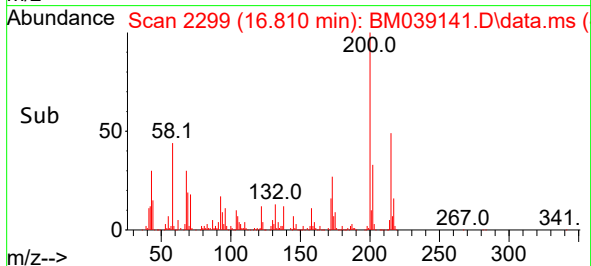
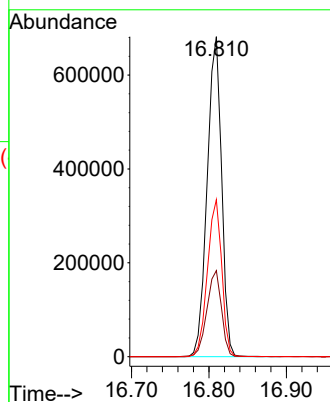
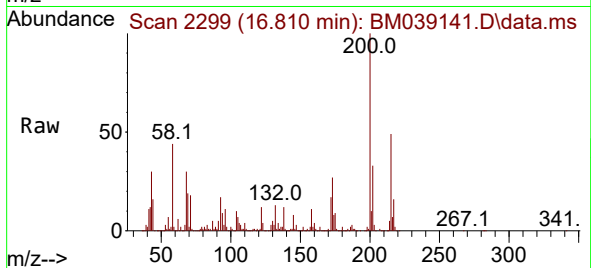
215 49.0 27.8 67.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/27/2023

Supervised By :Jagrut Upadhyay 03/27/2023



#70

Pentachlorophenol

Concen: 89.600 ng

RT: 16.992 min Scan# 2330

Delta R.T. 0.000 min

Lab File: BM039141.D

Acq: 24 Mar 2023 14:37

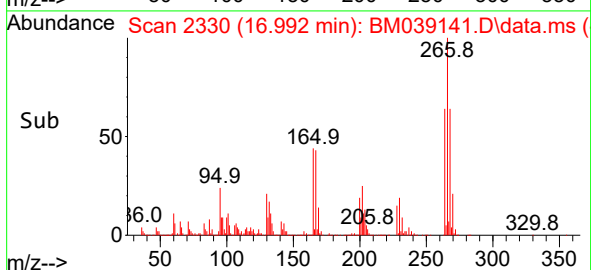
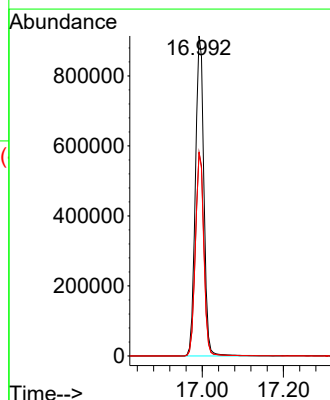
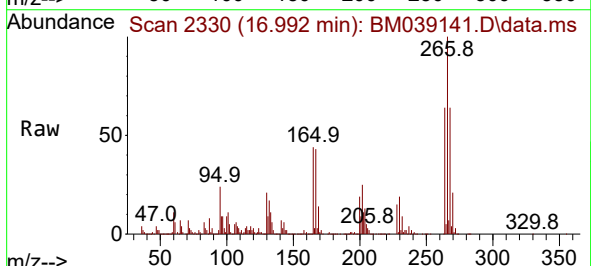
Tgt Ion:266 Resp: 1331549

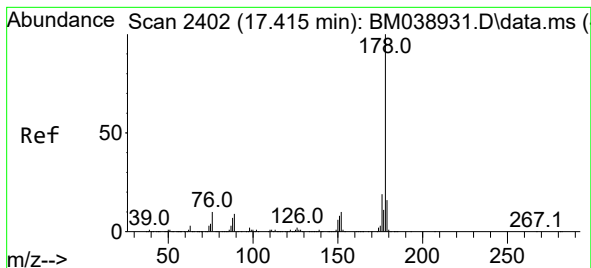
Ion Ratio Lower Upper

266 100

268 63.6 51.0 76.4

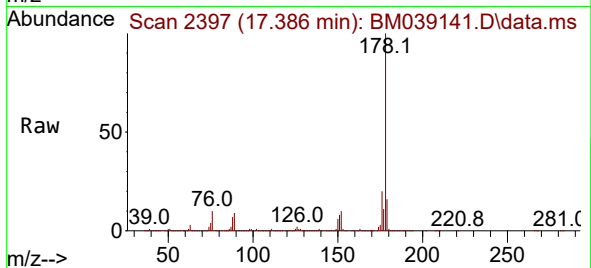
264 63.6 50.3 75.5





#71
Phenanthrene
Concen: 45.959 ng
RT: 17.386 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

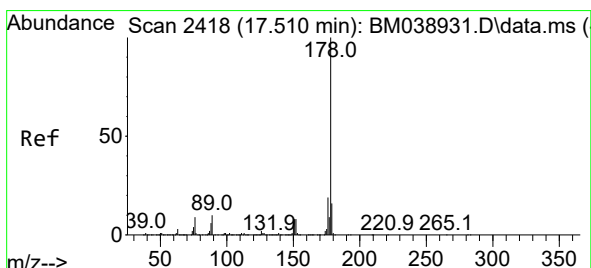
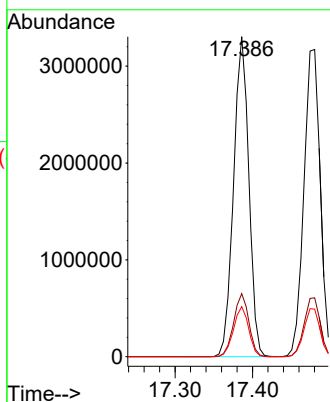
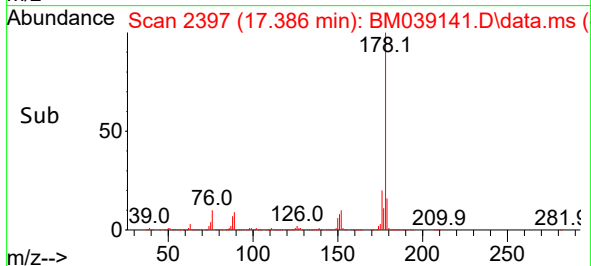
Instrument :
BNA_M
ClientSampleId :
PB151580BS



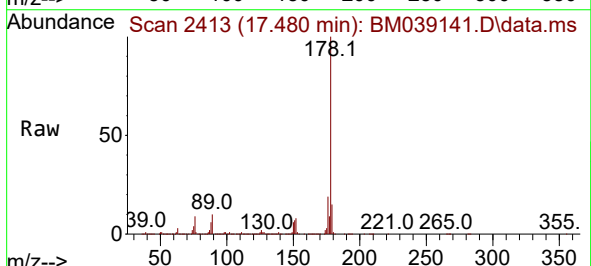
Tgt Ion:178 Resp: 4513694
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 15.6 12.5 18.7

Manual Integrations
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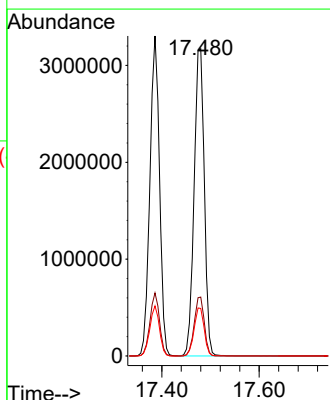
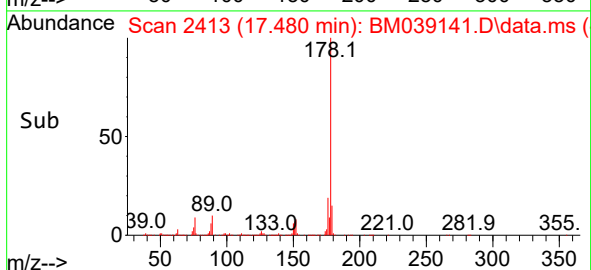
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

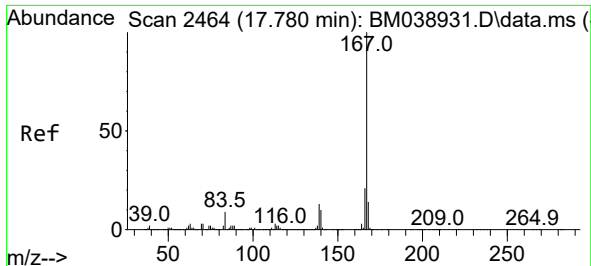


#72
Anthracene
Concen: 47.487 ng
RT: 17.480 min Scan# 2413
Delta R.T. 0.006 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37



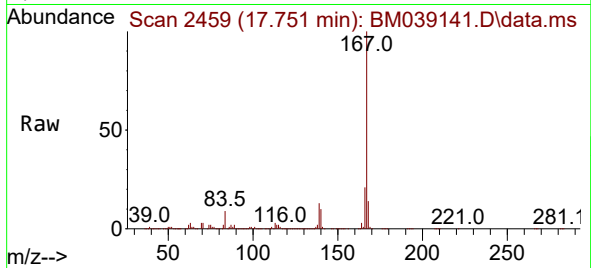
Tgt Ion:178 Resp: 4650982
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.5 12.5 18.7





#73
 Carbazole
 Concen: 47.398 ng
 RT: 17.751 min Scan# 2464
 Delta R.T. 0.000 min
 Lab File: BM039141.D
 Acq: 24 Mar 2023 14:37

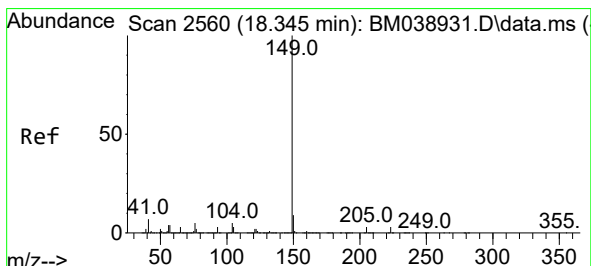
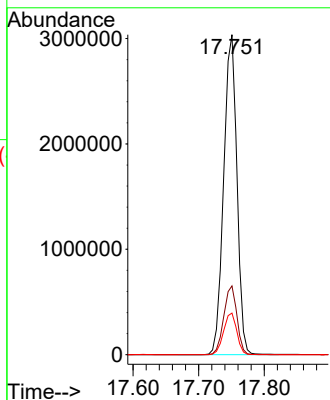
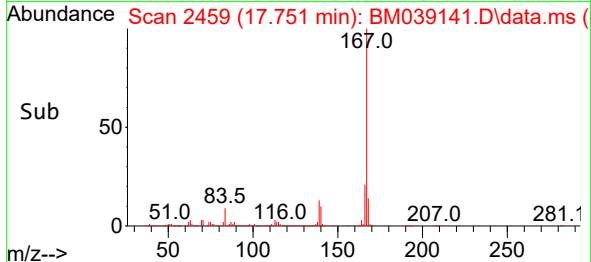
Instrument :
 BNA_M
 ClientSampleId :
 PB151580BS



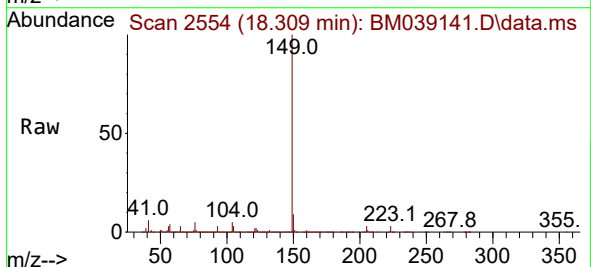
Tgt Ion:167 Resp: 4236798
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.4
 139 13.0 10.3 15.5

Manual Integrations
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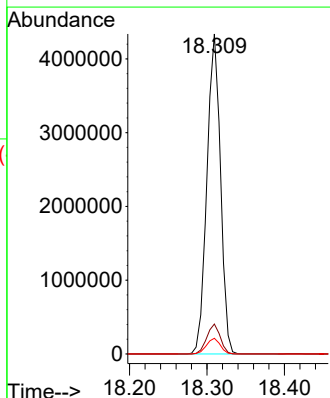
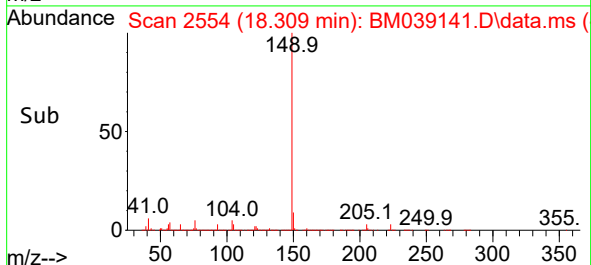
Reviewed By :Christian Giraldo 03/27/2023
 Supervised By :Jagrut Upadhyay 03/27/2023

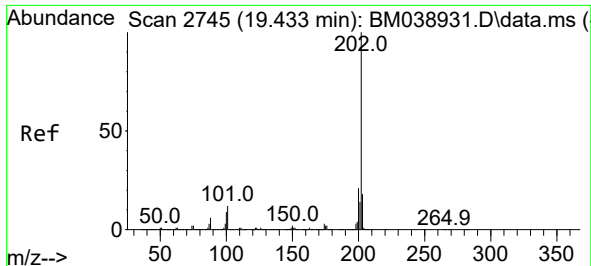


#74
 Di-n-butylphthalate
 Concen: 48.266 ng
 RT: 18.309 min Scan# 2554
 Delta R.T. 0.000 min
 Lab File: BM039141.D
 Acq: 24 Mar 2023 14:37



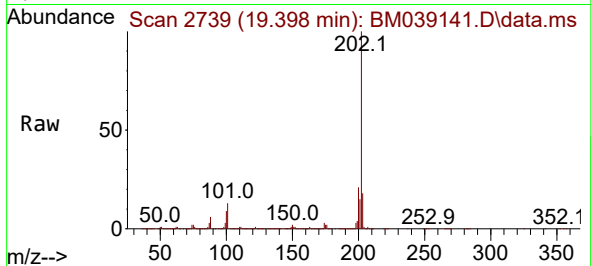
Tgt Ion:149 Resp: 5263314
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 4.9 4.3 6.5





#75
Fluoranthene
Concen: 46.059 ng
RT: 19.398 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

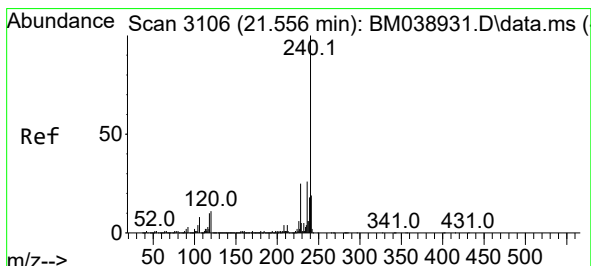
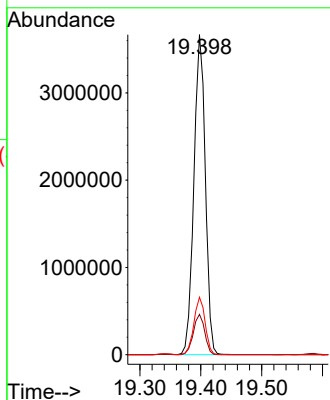
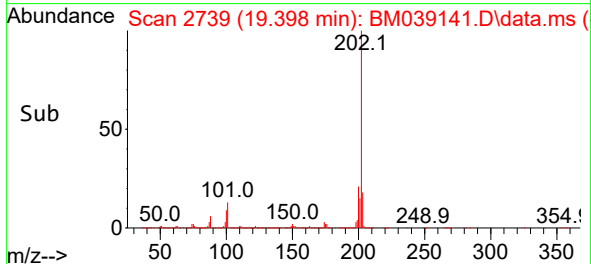
Instrument :
BNA_M
ClientSampleId :
PB151580BS



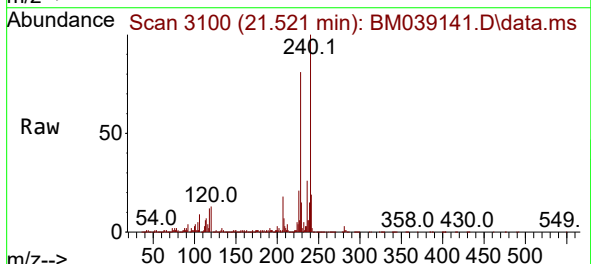
Tgt Ion:202 Resp: 4776110
Ion Ratio Lower Upper
202 100
101 12.6 0.0 31.7
203 17.9 0.0 37.6

Manual Integrations
APPROVED

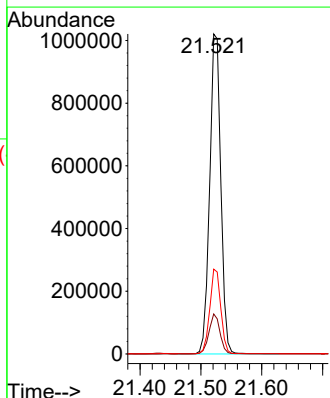
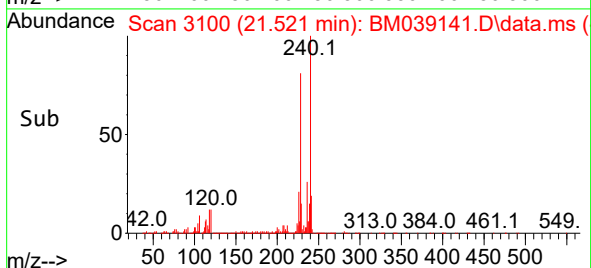
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

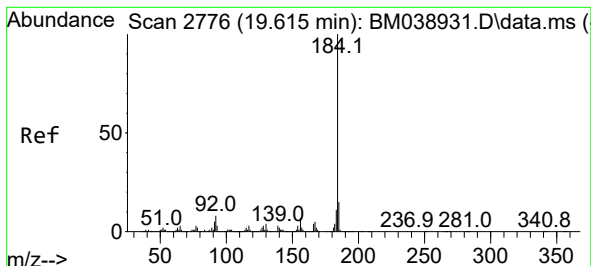


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.521 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37



Tgt Ion:240 Resp: 1295513
Ion Ratio Lower Upper
240 100
120 12.5 9.2 13.8
236 26.5 20.8 31.2





#77

Benzidine

Concen: 80.305 ng

RT: 19.586 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039141.D

Acq: 24 Mar 2023 14:37

Instrument :

BNA_M

ClientSampleId :

PB151580BS

Tgt Ion:184 Resp: 247931

Ion Ratio Lower Upper

184 100

185 13.9 12.2 18.4

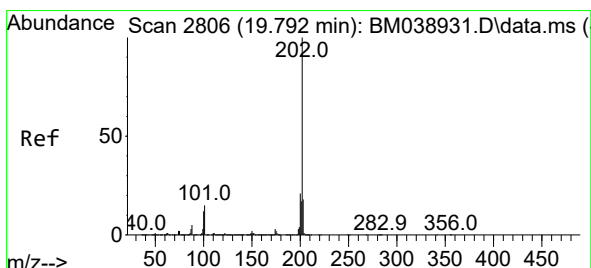
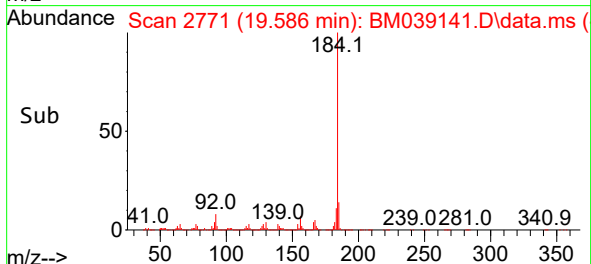
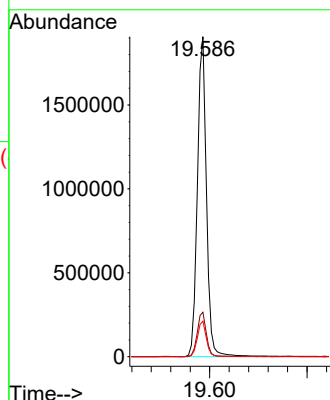
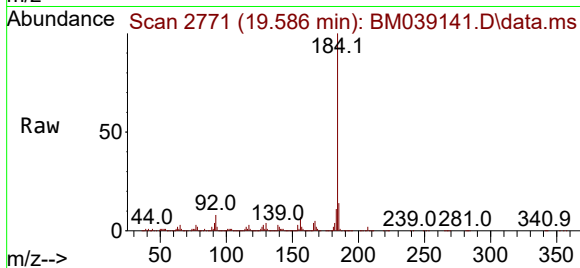
183 11.1 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/27/2023

Supervised By :Jagrut Upadhyay 03/27/2023



#78

Pyrene

Concen: 51.608 ng

RT: 19.762 min Scan# 2801

Delta R.T. 0.000 min

Lab File: BM039141.D

Acq: 24 Mar 2023 14:37

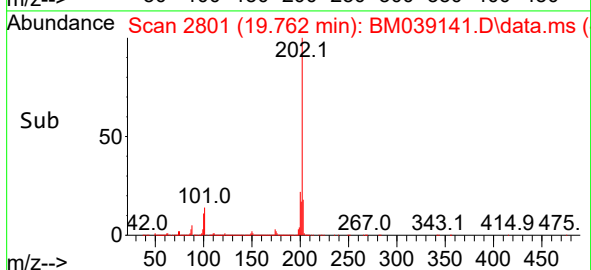
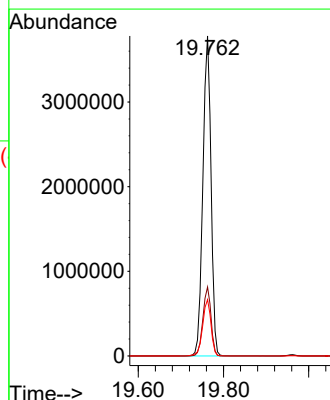
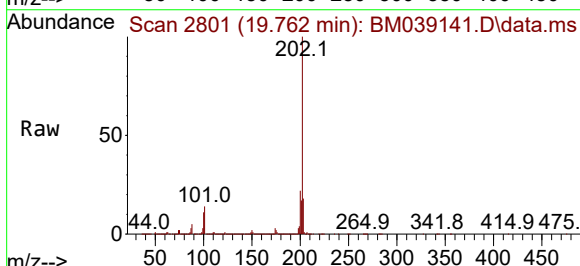
Tgt Ion:202 Resp: 5021599

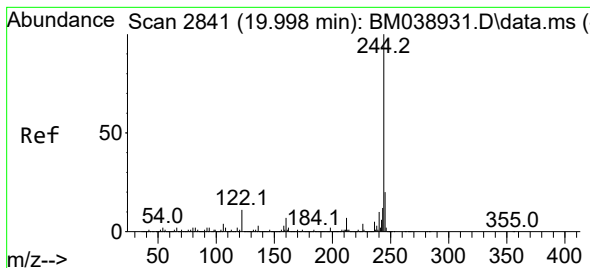
Ion Ratio Lower Upper

202 100

200 21.5 17.1 25.7

203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 76.732 ng

RT: 19.962 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039141.D

Acq: 24 Mar 2023 14:37

Instrument :

BNA_M

ClientSampleId :

PB151580BS

Tgt Ion:244 Resp: 543705

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

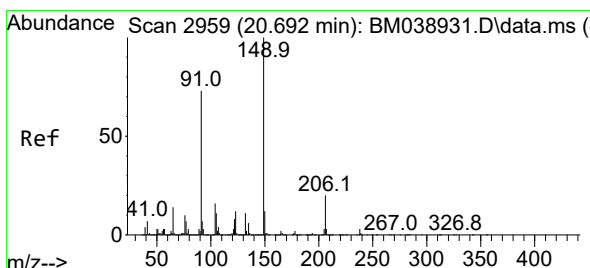
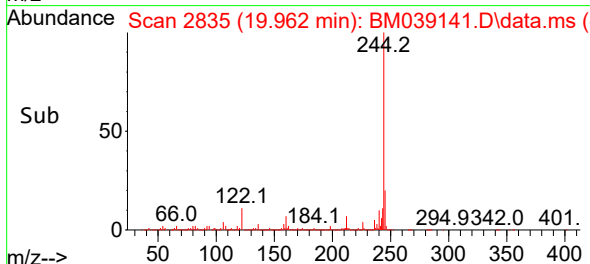
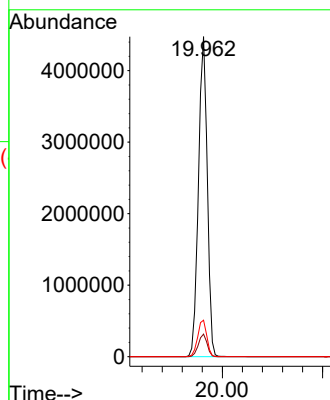
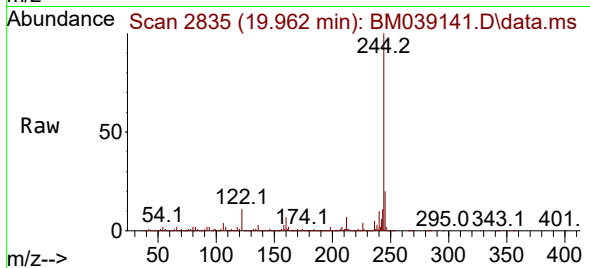
122 11.4 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/27/2023

Supervised By :Jagrut Upadhyay 03/27/2023



#80

Butylbenzylphthalate

Concen: 53.958 ng

RT: 20.656 min Scan# 2953

Delta R.T. 0.000 min

Lab File: BM039141.D

Acq: 24 Mar 2023 14:37

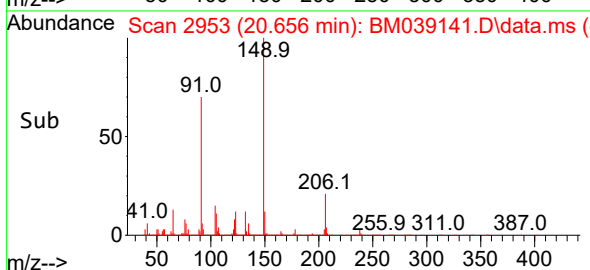
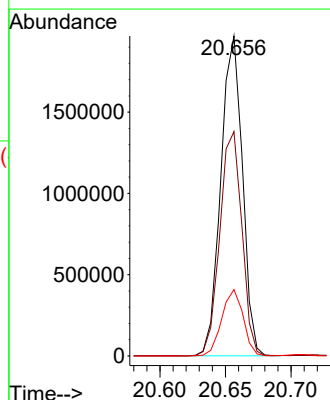
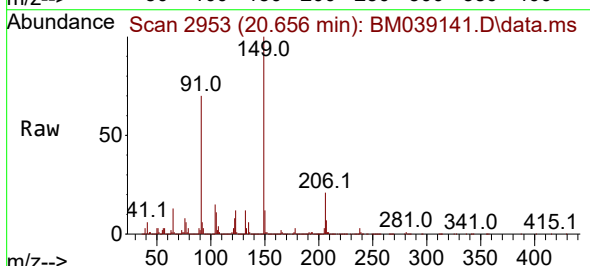
Tgt Ion:149 Resp: 2250766

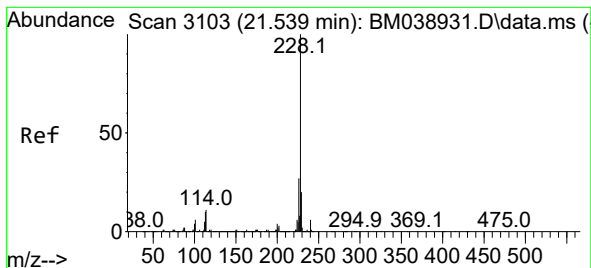
Ion Ratio Lower Upper

149 100

91 70.1 58.4 87.6

206 20.8 16.1 24.1





#81

Benzo(a)anthracene

Concen: 48.412 ng

RT: 21.509 min Scan# 3098

Delta R.T. 0.000 min

Lab File: BM039141.D

Acq: 24 Mar 2023 14:37

Instrument :

BNA_M

ClientSampleId :

PB151580BS

Tgt Ion:228 Resp: 4516618

Ion Ratio Lower Upper

228 100

226 27.9 21.4 32.2

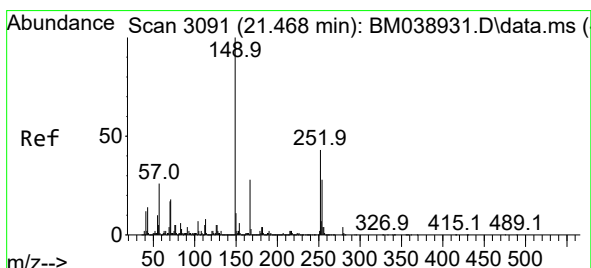
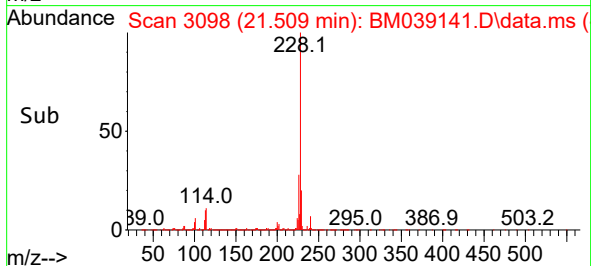
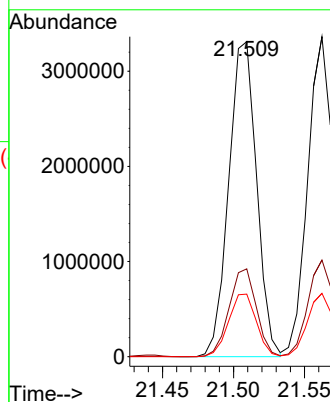
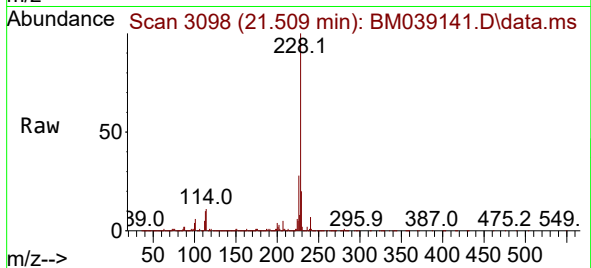
229 19.8 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/27/2023

Supervised By :Jagrut Upadhyay 03/27/2023



#82

3,3'-Dichlorobenzidine

Concen: 44.809 ng

RT: 21.439 min Scan# 3086

Delta R.T. -0.006 min

Lab File: BM039141.D

Acq: 24 Mar 2023 14:37

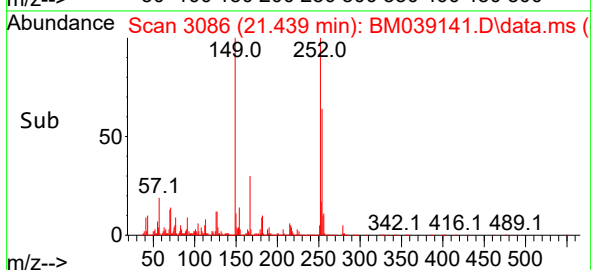
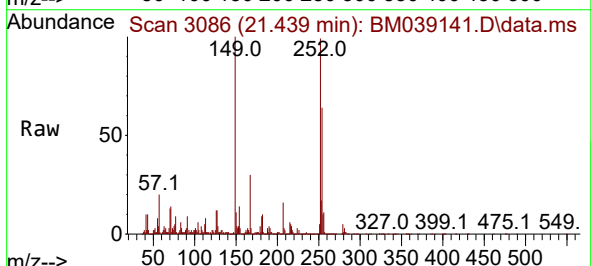
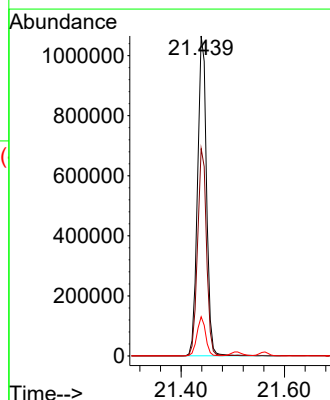
Tgt Ion:252 Resp: 1284822

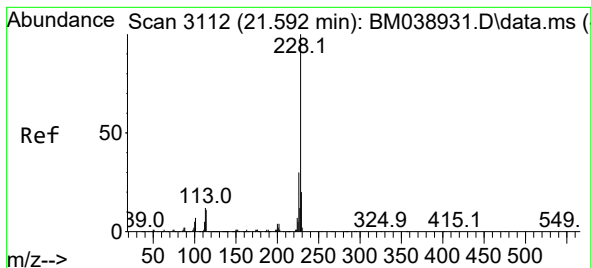
Ion Ratio Lower Upper

252 100

254 64.8 51.5 77.3

126 12.2 9.9 14.9





#83

Chrysene

Concen: 46.621 ng

RT: 21.562 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BM039141.D

Acq: 24 Mar 2023 14:37

Instrument :

BNA_M

ClientSampleId :

PB151580BS

Tgt Ion:228 Resp: 423030

Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

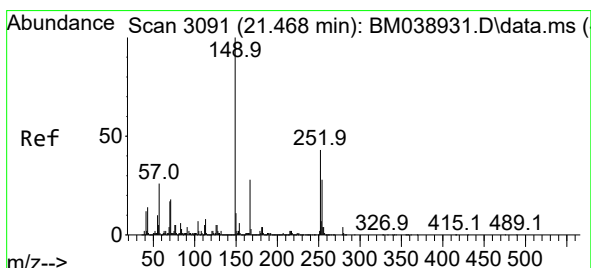
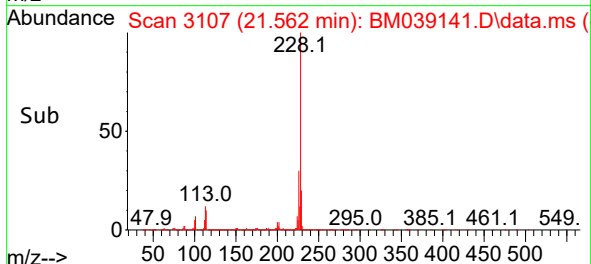
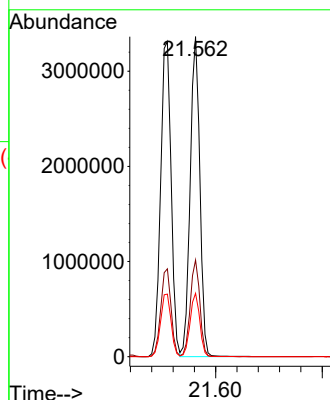
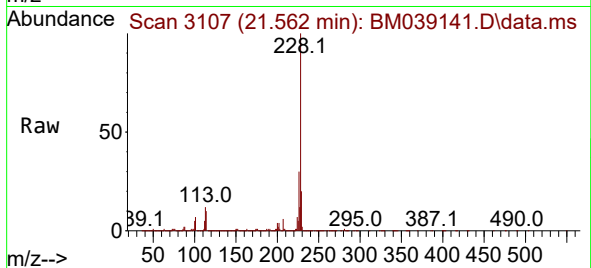
229 19.8 16.0 24.0

Manual Integrations

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Reviewed By :Christian Giraldo 03/27/2023

Supervised By :Jagrut Upadhyay 03/27/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.008 ng

RT: 21.427 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BM039141.D

Acq: 24 Mar 2023 14:37

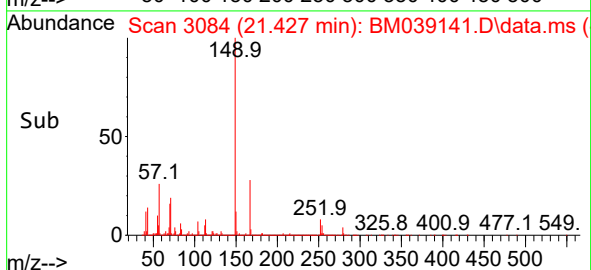
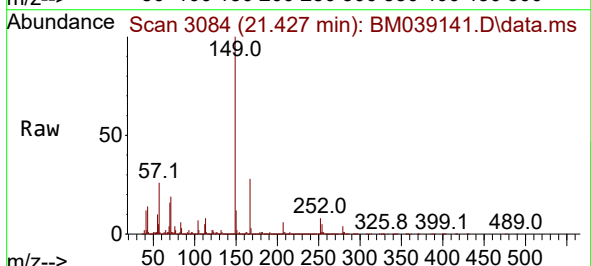
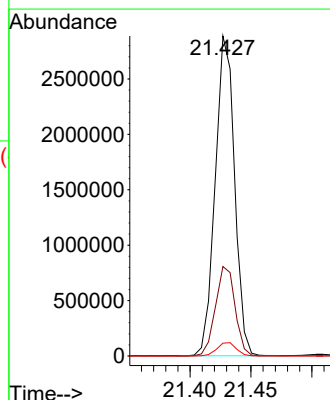
Tgt Ion:149 Resp: 3187376

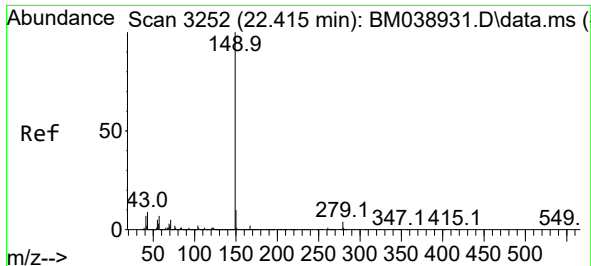
Ion Ratio Lower Upper

149 100

167 27.9 22.3 33.5

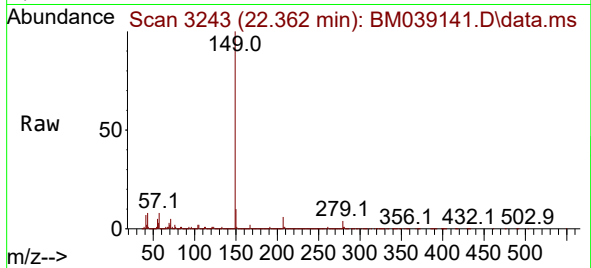
279 4.0 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 51.901 ng
RT: 22.362 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

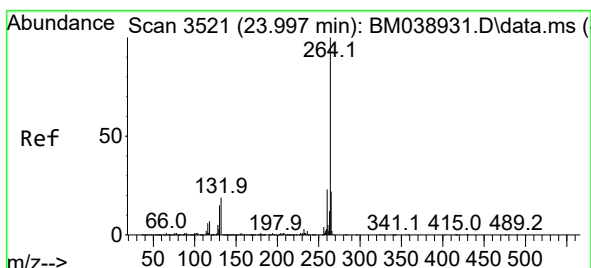
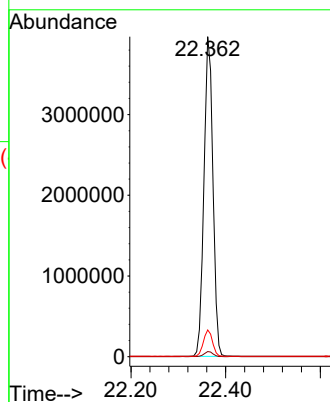
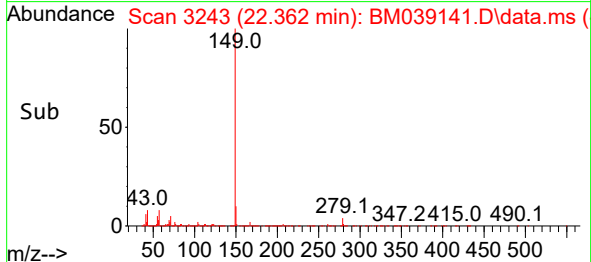
Instrument :
BNA_M
ClientSampleId :
PB151580BS



Tgt Ion:149 Resp: 518558
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.2 7.4 11.2

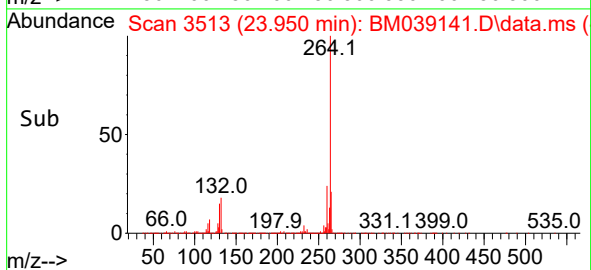
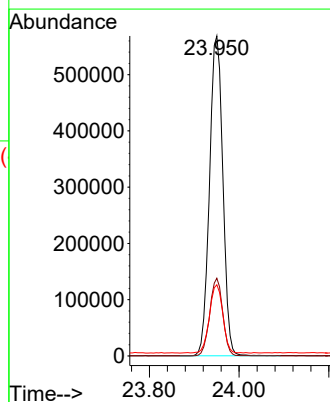
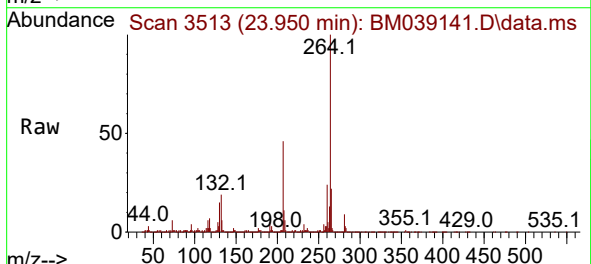
Manual Integrations
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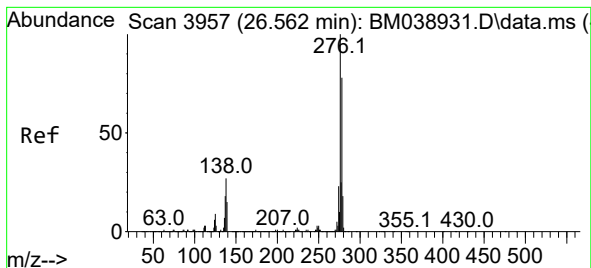
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.950 min Scan# 3513
Delta R.T. -0.006 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

Tgt Ion:264 Resp: 1172962
Ion Ratio Lower Upper
264 100
260 24.3 18.7 28.1
265 22.3 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.176 ng

RT: 26.480 min Scan# 3943

Delta R.T. -0.012 min

Lab File: BM039141.D

Acq: 24 Mar 2023 14:37

Instrument :

BNA_M

ClientSampleId :

PB151580BS

Tgt Ion:276 Resp: 3853604

Ion Ratio Lower Upper

276 100

138 27.7 22.1 33.1

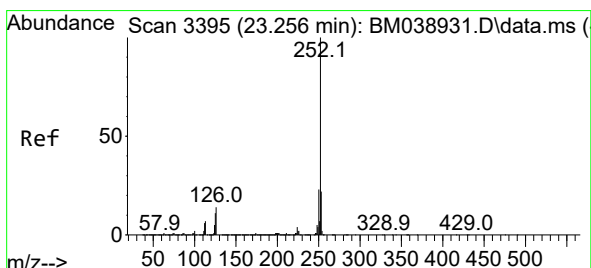
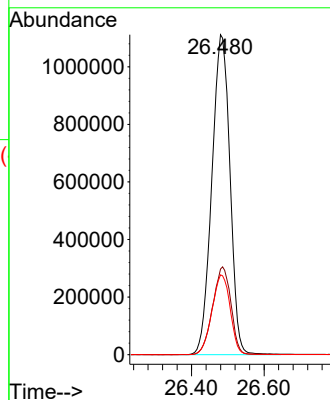
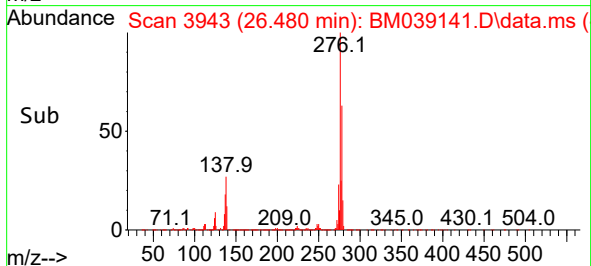
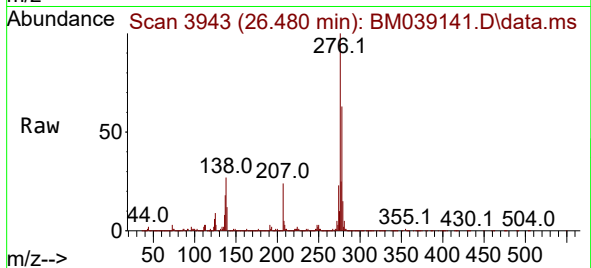
277 25.1 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/27/2023

Supervised By :Jagrut Upadhyay 03/27/2023



#88

Benzo(b)fluoranthene

Concen: 52.395 ng

RT: 23.209 min Scan# 3387

Delta R.T. -0.006 min

Lab File: BM039141.D

Acq: 24 Mar 2023 14:37

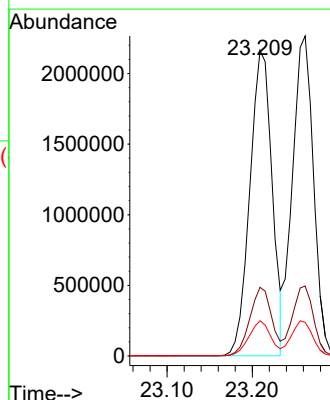
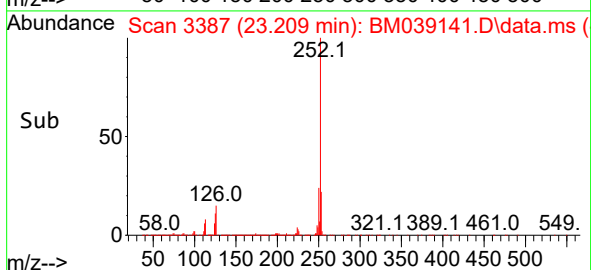
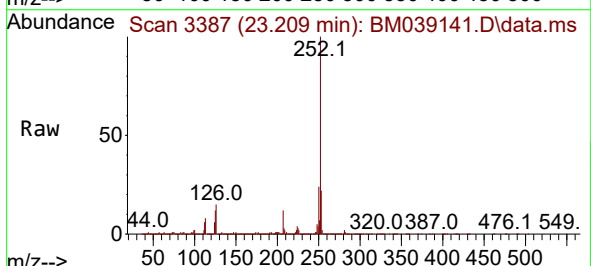
Tgt Ion:252 Resp: 3926292

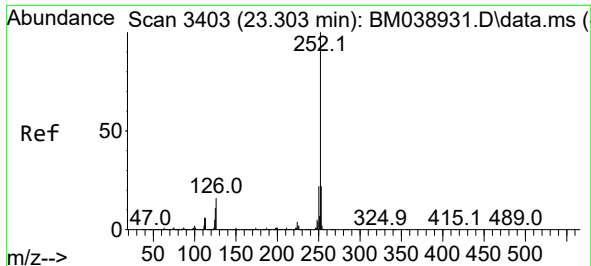
Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 11.5 8.8 13.2





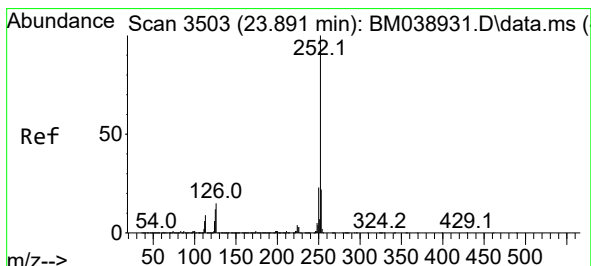
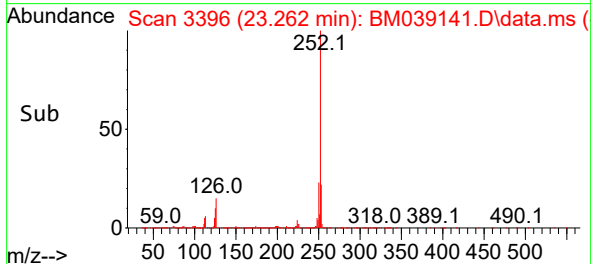
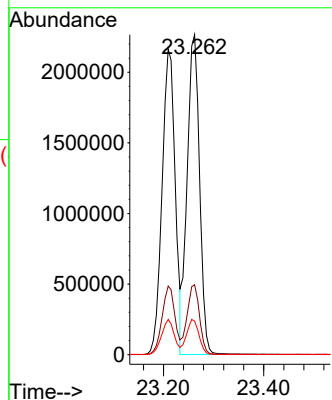
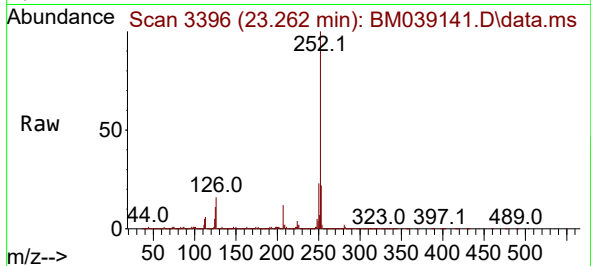
#89
Benzo(k)fluoranthene
Concen: 50.039 ng
RT: 23.262 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

Instrument :
BNA_M
ClientSampleId :
PB151580BS

Tgt Ion:252 Resp: 390234
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.5 8.9 13.3

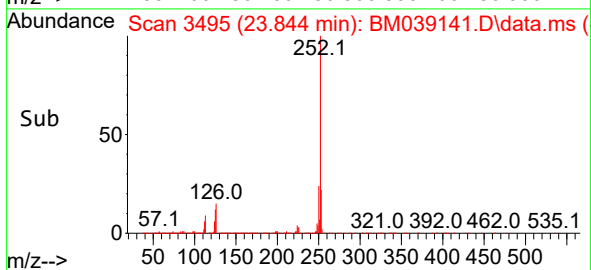
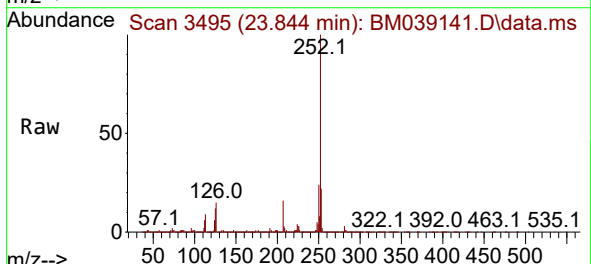
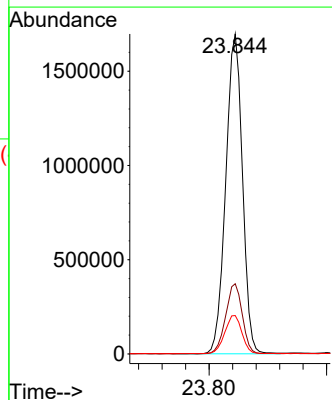
Manual Integrations
APPROVED

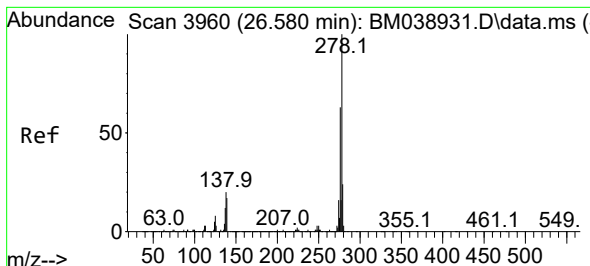
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#90
Benzo(a)pyrene
Concen: 46.324 ng
RT: 23.844 min Scan# 3495
Delta R.T. -0.006 min
Lab File: BM039141.D
Acq: 24 Mar 2023 14:37

Tgt Ion:252 Resp: 3340927
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 12.0 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 42.773 ng

RT: 26.497 min Scan# 3946

Delta R.T. -0.012 min

Lab File: BM039141.D

Acq: 24 Mar 2023 14:37

Instrument :

BNA_M

ClientSampleId :

PB151580BS

Tgt Ion:278 Resp: 323309

Ion Ratio Lower Upper

278 100

139 17.5 13.7 20.5

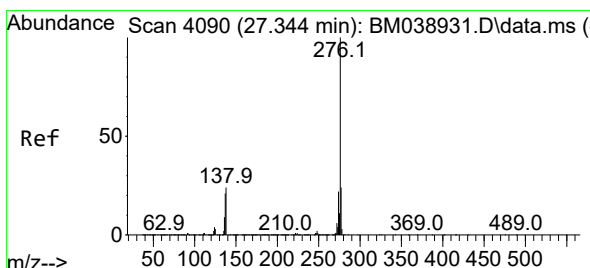
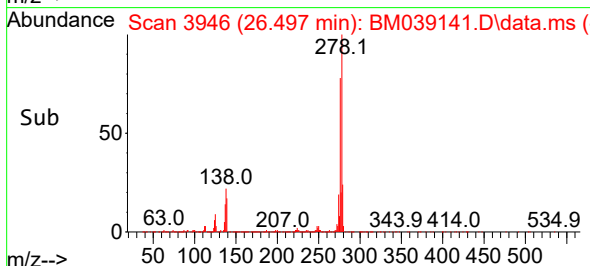
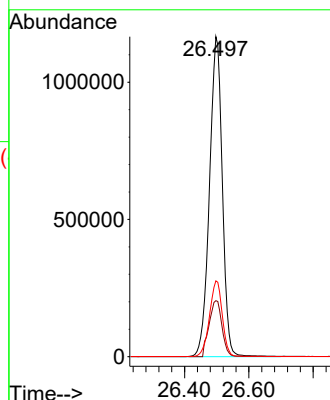
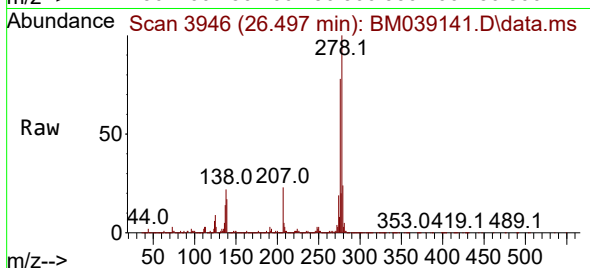
279 23.7 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/27/2023

Supervised By :Jagrut Upadhyay 03/27/2023



#92

Benzo(g,h,i)perylene

Concen: 42.313 ng

RT: 27.262 min Scan# 4076

Delta R.T. -0.012 min

Lab File: BM039141.D

Acq: 24 Mar 2023 14:37

Tgt Ion:276 Resp: 3129090

Ion Ratio Lower Upper

276 100

277 23.6 19.3 28.9

138 24.3 19.0 28.6

