

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032323\
 Data File : BM039123.D
 Acq On : 23 Mar 2023 19:26
 Operator : CG/JU
 Sample : 02045-08MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 24 04:31:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 03:36:20 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian
 Giraldo
 03/24/2023
 Supervised By :Jagrut
 Upadhyay
 03/24/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	265997	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	1019434	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	529073	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	962549	20.000	ng	0.00
76) Chrysene-d12	21.527	240	804597	20.000	ng	0.00
86) Perylene-d12	23.962	264	1055293	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1872828	106.970	ng	0.00
7) Phenol-d6	7.128	99	2305679	101.388	ng	0.00
23) Nitrobenzene-d5	9.128	82	1415975	68.228	ng	-0.01
42) 2,4,6-Tribromophenol	16.092	330	645729	105.502	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	2807512	69.080	ng	0.00
79) Terphenyl-d14	19.968	244	3127882	71.077	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	307966	39.539	ng	99
3) Pyridine	3.793	79	791055	36.620	ng	99
4) n-Nitrosodimethylamine	3.699	42	341786	38.882	ng	92
6) Aniline	7.287	93	1120562	37.528	ng	99
8) 2-Chlorophenol	7.522	128	846418	45.410	ng	98
9) Benzaldehyde	7.092	77	581561	53.741	ng	98
10) Phenol	7.151	94	1043706	43.218	ng	98
11) bis(2-Chloroethyl)ether	7.381	93	844463	43.009	ng	100
12) 1,3-Dichlorobenzene	7.851	146	939976	47.453	ng	97
13) 1,4-Dichlorobenzene	7.998	146	950303	47.171	ng	98
14) 1,2-Dichlorobenzene	8.316	146	905323	46.652	ng	100
15) Benzyl Alcohol	8.204	79	709844m	43.549	ng	
16) 2,2'-oxybis(1-Chloropr...	8.498	45	1081668	43.621	ng	98
17) 2-Methylphenol	8.410	107	678691	40.911	ng	99
18) Hexachloroethane	9.045	117	366361	49.289	ng	95
19) n-Nitroso-di-n-propyla...	8.775	70	615203	42.950	ng	98
20) 3+4-Methylphenols	8.739	107	907677	40.977	ng	99
22) Acetophenone	8.792	105	1244789	43.522	ng	# 97
24) Nitrobenzene	9.169	77	913131	41.861	ng	98
25) Isophorone	9.704	82	1657658	43.404	ng	99
26) 2-Nitrophenol	9.886	139	446261	46.437	ng	93
27) 2,4-Dimethylphenol	9.945	122	740693	44.511	ng	99
28) bis(2-Chloroethoxy)met...	10.180	93	1046609	42.651	ng	100
29) 2,4-Dichlorophenol	10.422	162	708712	44.921	ng	98
30) 1,2,4-Trichlorobenzene	10.633	180	788301	45.724	ng	99
31) Naphthalene	10.822	128	2725617	46.888	ng	100
32) Benzoic acid	10.075	122	442207	37.626	ng	98
33) 4-Chloroaniline	10.933	127	479002	19.336	ng	99
34) Hexachlorobutadiene	11.110	225	461403	46.670	ng	98
35) Caprolactam	11.733	113	185578m	38.648	ng	
36) 4-Chloro-3-methylphenol	12.063	107	718369	42.761	ng	100
37) 2-Methylnaphthalene	12.433	142	1640164	42.097	ng	98
38) 1-Methylnaphthalene	12.651	142	1508363	41.311	ng	100
40) 1,2,4,5-Tetrachloroben...	12.798	216	804646	46.782	ng	99
41) Hexachlorocyclopentadiene	12.774	237	954564	101.107	ng	98
43) 2,4,6-Trichlorophenol	13.039	196	520818	46.761	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	549146	42.123	ng	97
46) 1,1'-Biphenyl	13.439	154	2022452	45.122	ng	99
47) 2-Chloronaphthalene	13.480	162	1526922	45.177	ng	99
48) 2-Nitroaniline	13.686	65	448717	41.767	ng	94
49) Acenaphthylene	14.327	152	2399991	44.579	ng	100
50) Dimethylphthalate	14.063	163	1738250	42.697	ng	100
51) 2,6-Dinitrotoluene	14.180	165	378514	42.222	ng	97
52) Acenaphthene	14.668	154	1420299	42.927	ng	99
53) 3-Nitroaniline	14.510	138	300556	29.200	ng	95
54) 2,4-Dinitrophenol	14.715	184	374891	72.933	ng	92
55) Dibenzofuran	14.998	168	2209000	42.666	ng	99
56) 4-Nitrophenol	14.821	139	692759	85.679	ng	96
57) 2,4-Dinitrotoluene	14.968	165	497785	42.269	ng	94
58) Fluorene	15.651	166	1734832	42.776	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.227	232	443263	44.087	ng	98
60) Diethylphthalate	15.421	149	1742980	44.000	ng	99
61) 4-Chlorophenyl-phenyle...	15.639	204	829176	41.616	ng	99
62) 4-Nitroaniline	15.674	138	393522	37.143	ng	95
63) Azobenzene	15.933	77	1897336	45.266	ng	97
65) 4,6-Dinitro-2-methylph...	15.727	198	257793	41.522	ng	95
66) n-Nitrosodiphenylamine	15.857	169	1423233	43.860	ng	100
67) 4-Bromophenyl-phenylether	16.533	248	483435	46.499	ng	98
68) Hexachlorobenzene	16.651	284	538447	46.329	ng	99
69) Atrazine	16.809	200	453280	51.141	ng	98
70) Pentachlorophenol	16.998	266	676122	79.095	ng	99
71) Phenanthrene	17.392	178	3320717	58.781	ng	100
72) Anthracene	17.480	178	2633943	46.753	ng	100
73) Carbazole	17.751	167	2268724	44.124	ng	100
74) Di-n-butylphthalate	18.315	149	2887922	46.123	ng	99
75) Fluoranthene	19.403	202	3798692	63.686	ng	99
77) Benzidine	19.592	184	1072751	57.426	ng	98
78) Pyrene	19.768	202	3807560	63.006	ng	100
80) Butylbenzylphthalate	20.662	149	1206707	47.033	ng	97
81) Benzo(a)anthracene	21.515	228	3214348	55.474	ng	99
82) 3,3'-Dichlorobenzidine	21.444	252	839389	47.135	ng	99
83) Chrysene	21.568	228	2936336	52.105	ng	100
84) Bis(2-ethylhexyl)phtha...	21.433	149	1820319	48.944	ng	99
85) Di-n-octyl phthalate	22.374	149	3110911	50.263	ng	98
87) Indeno(1,2,3-cd)pyrene	26.503	276	4276923	53.262	ng	99
88) Benzo(b)fluoranthene	23.221	252	3713366	55.079	ng	100
89) Benzo(k)fluoranthene	23.268	252	3232085	46.065	ng	100
90) Benzo(a)pyrene	23.856	252	3364364	51.851	ng	99
91) Dibenzo(a,h)anthracene	26.515	278	3238533	47.622	ng	99
92) Benzo(g,h,i)perylene	27.285	276	3625738	54.496	ng	99

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

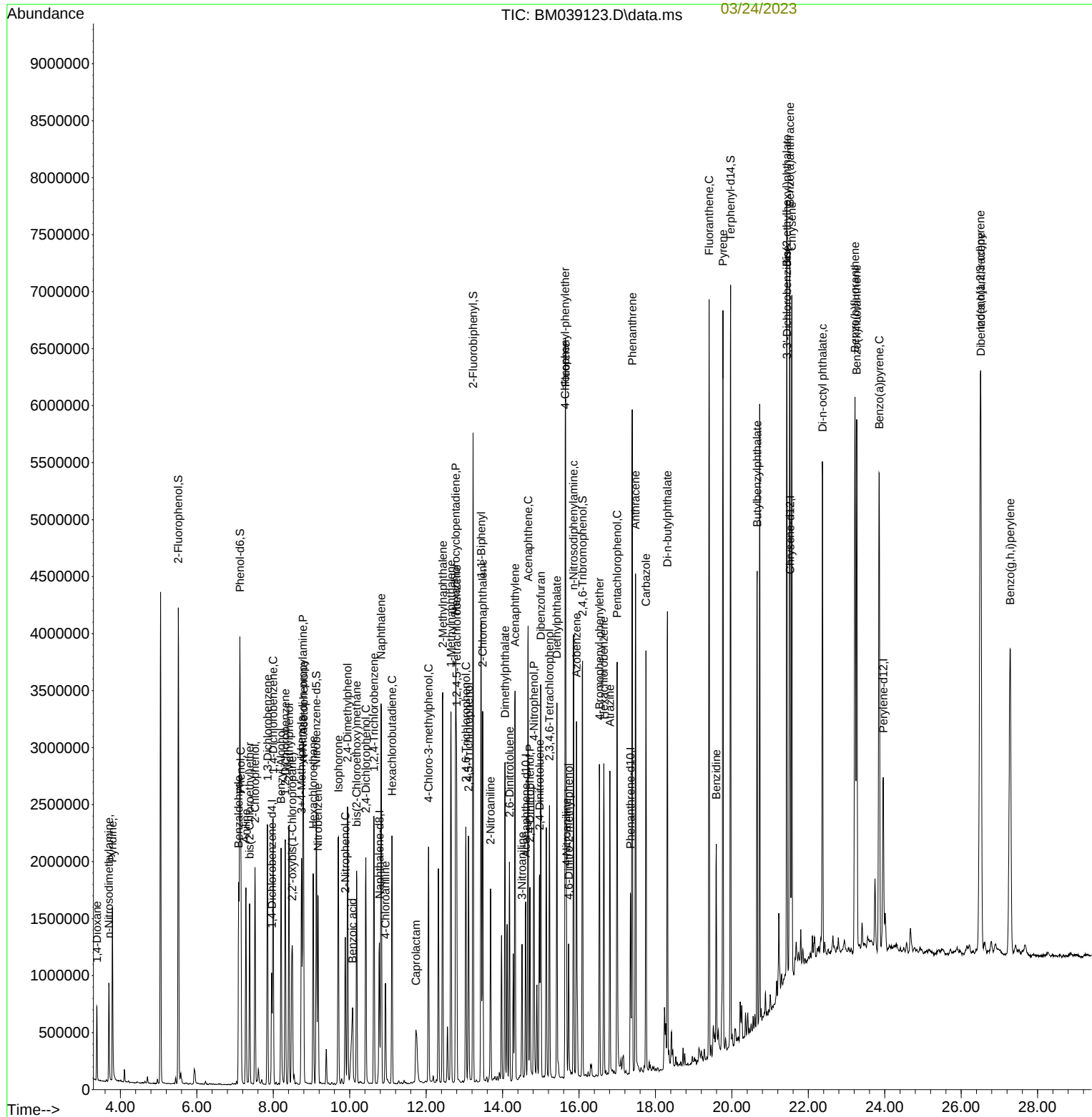
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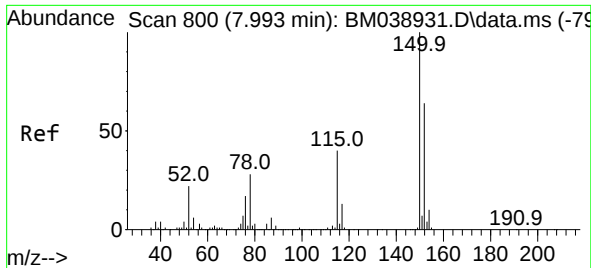
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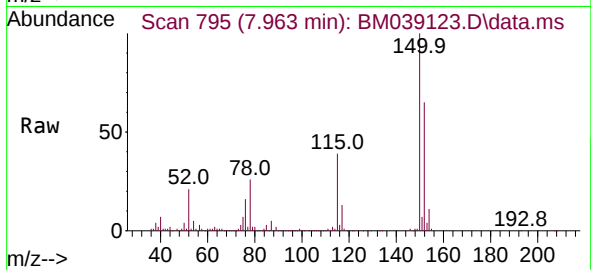
Reviewed By :Christian
 Giraldo
 03/24/2023
 Supervised By :Jagrut
 Upadhyay
 03/24/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

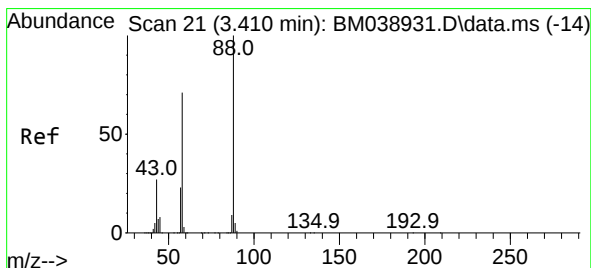
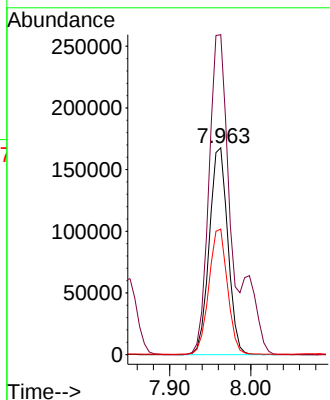
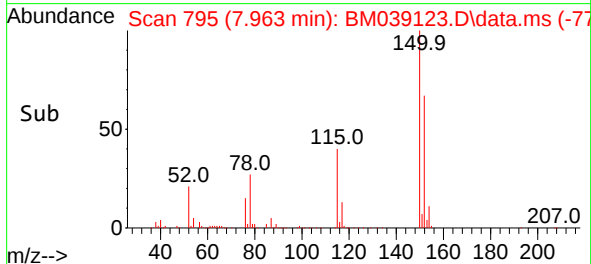
Instrument :
BNA_M
ClientSampleId :



Tgt Ion:152 Resp: 26599
Ion Ratio Lower Upper
152 100
150 154.7 125.1 187.7
115 60.7 49.6 74.4

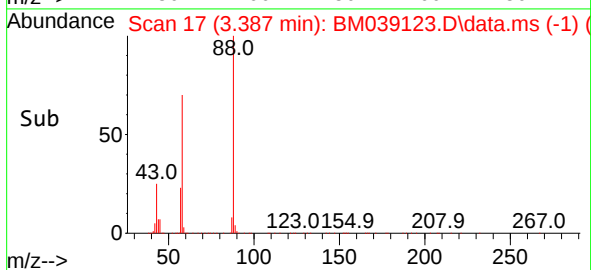
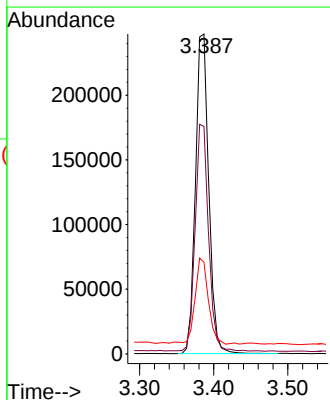
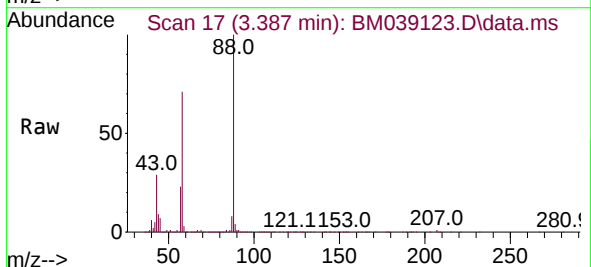
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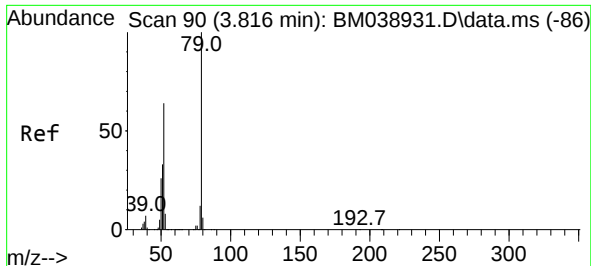
Reviewed By :Christian
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03/24/2023
Supervised By :Jagrut
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03/24/2023



#2
1,4-Dioxane
Concen: 39.539 ng
RT: 3.387 min Scan# 17
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

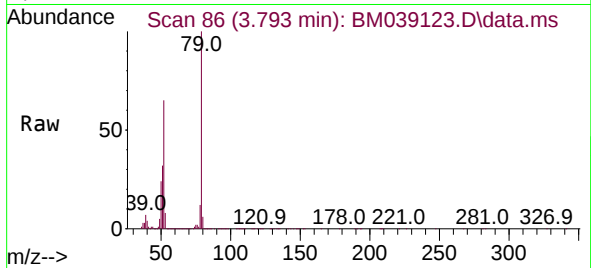
Tgt Ion: 88 Resp: 307966
Ion Ratio Lower Upper
88 100
58 71.4 57.2 85.8
43 26.4 22.0 33.0





#3
 Pyridine
 Concen: 36.620 ng
 RT: 3.793 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BM039123.D
 Acq: 23 Mar 2023 19:26

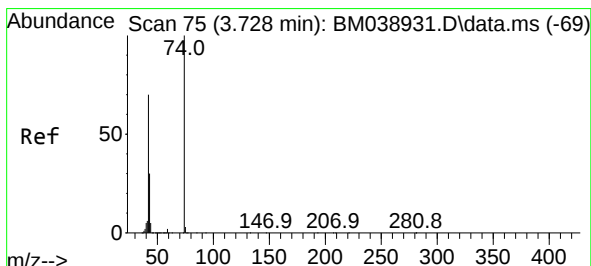
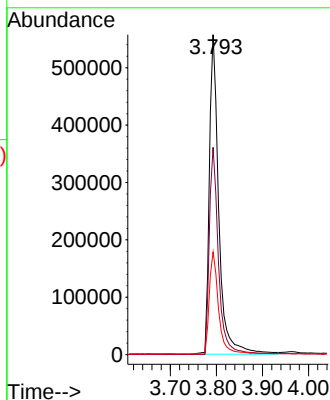
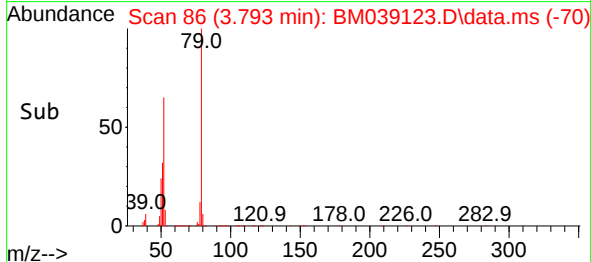
Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion: 79 Resp: 791055
 Ion Ratio Lower Upper
 79 100
 52 64.8 51.4 77.2
 51 32.1 26.6 40.0

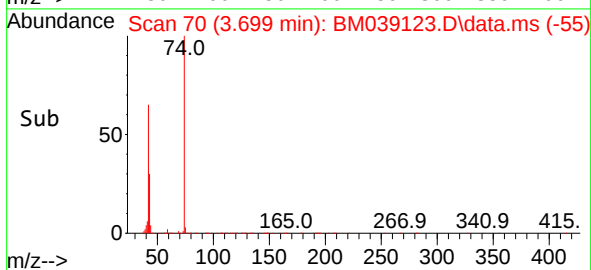
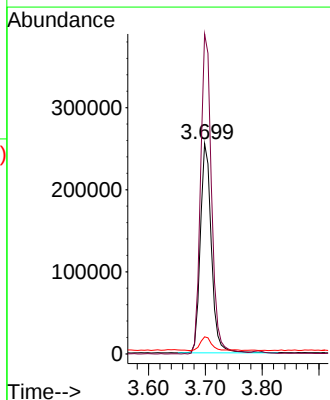
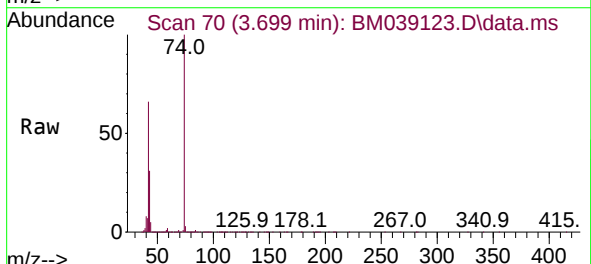
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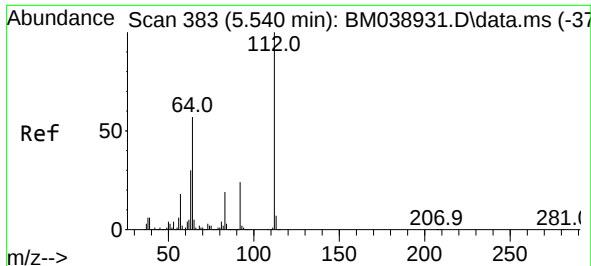
Reviewed By :Christian
 Giraldo
 03/24/2023
 Supervised By :Jagrut
 Upadhyay
 03/24/2023



#4
 n-Nitrosodimethylamine
 Concen: 38.882 ng
 RT: 3.699 min Scan# 70
 Delta R.T. -0.012 min
 Lab File: BM039123.D
 Acq: 23 Mar 2023 19:26

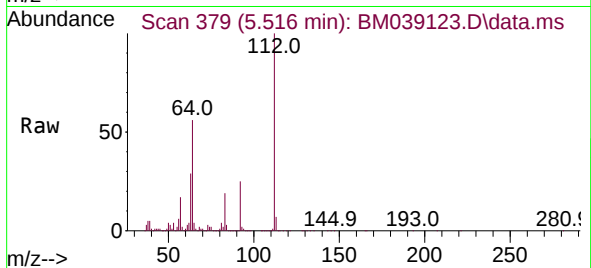
Tgt Ion: 42 Resp: 341786
 Ion Ratio Lower Upper
 42 100
 74 152.2 113.8 170.8
 44 8.1 6.2 9.2





#5
2-Fluorophenol
Concen: 106.970 ng
RT: 5.516 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

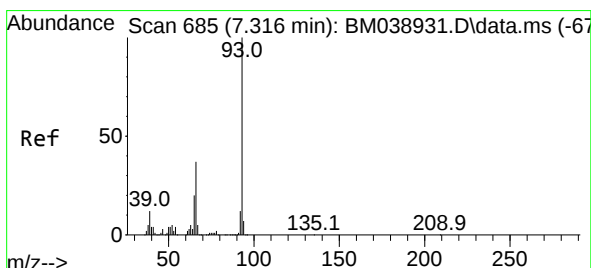
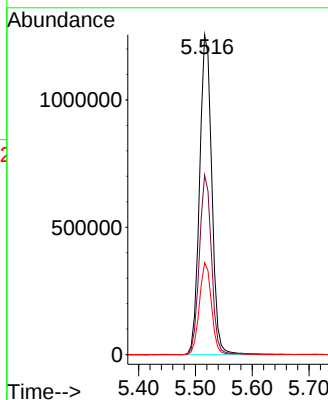
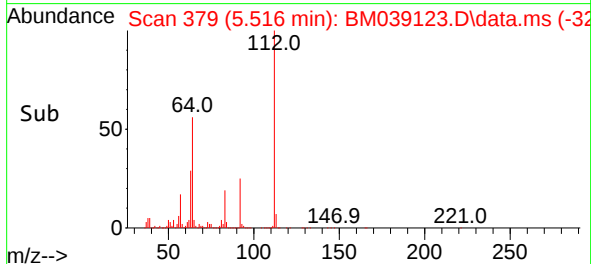
Instrument :
BNA_M
ClientSampleId :



Tgt Ion: 112 Resp: 1872828
Ion Ratio Lower Upper
112 100
64 56.1 45.9 68.9
63 28.7 23.8 35.8

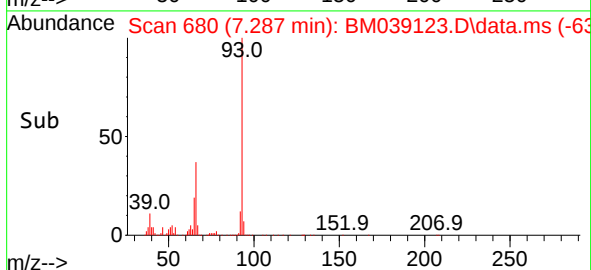
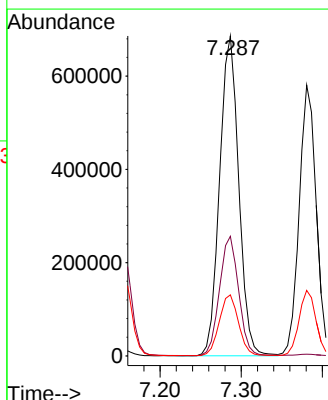
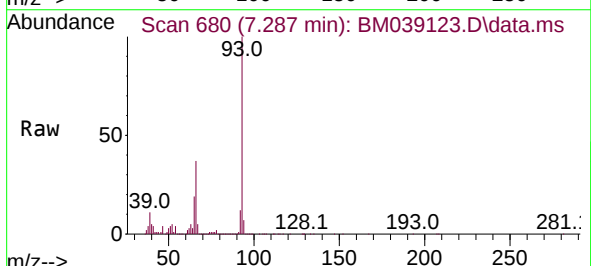
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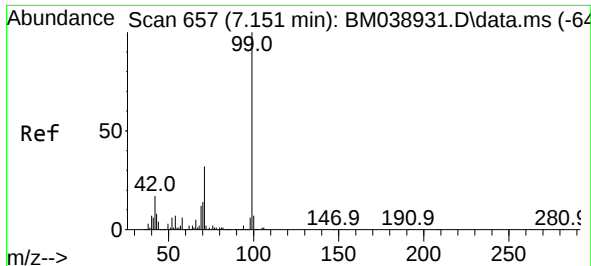
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Supervised By :Jagrut
Upadhyay
03/24/2023



#6
Aniline
Concen: 37.528 ng
RT: 7.287 min Scan# 680
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

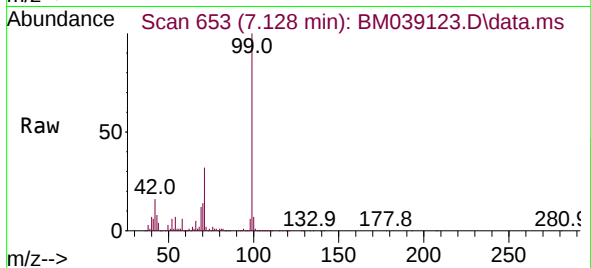
Tgt Ion: 93 Resp: 1120562
Ion Ratio Lower Upper
93 100
66 37.4 30.0 45.0
65 19.1 15.8 23.6





#7
Phenol-d6
Concen: 101.388 ng
RT: 7.128 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

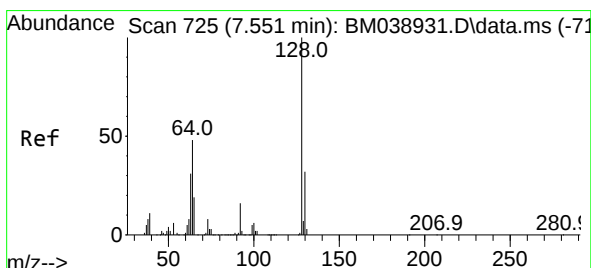
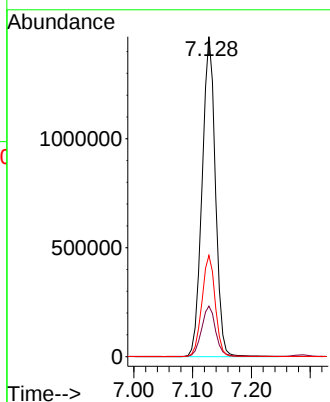
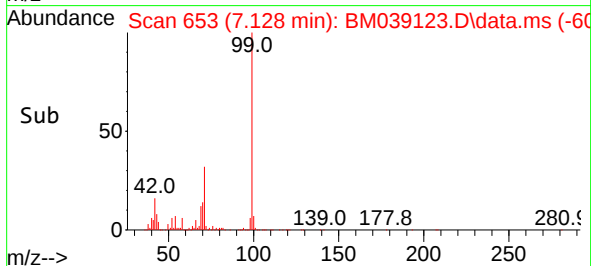
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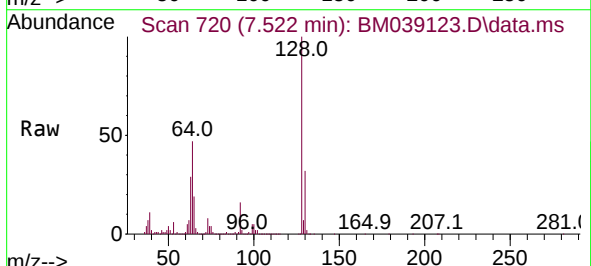
Tgt Ion: 99 Resp: 2305679
Ion Ratio Lower Upper
99 100
42 15.8 13.5 20.3
71 31.6 25.6 38.4

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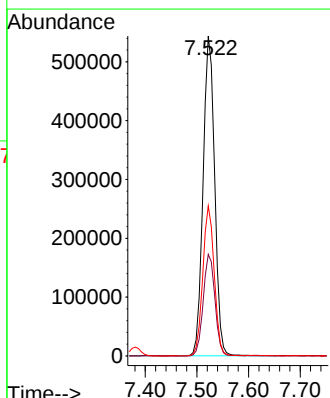
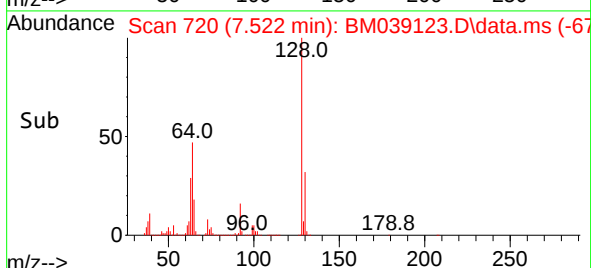
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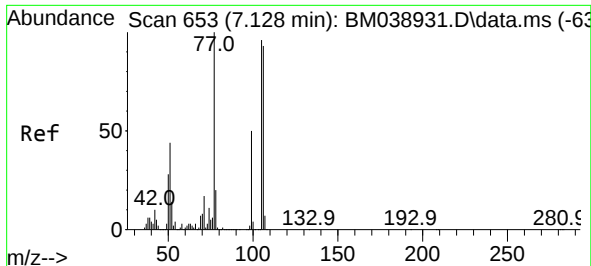


#8
2-Chlorophenol
Concen: 45.410 ng
RT: 7.522 min Scan# 720
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26



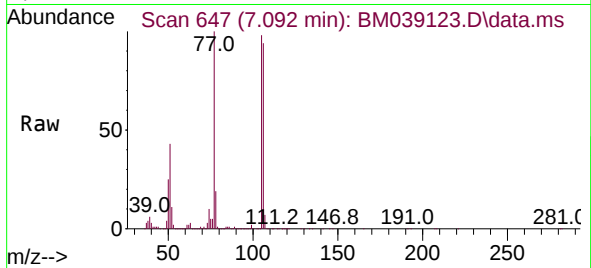
Tgt Ion:128 Resp: 846418
Ion Ratio Lower Upper
128 100
130 31.7 11.9 51.9
64 46.9 28.6 68.6





#9
Benzaldehyde
Concen: 53.741 ng
RT: 7.092 min Scan# 647
Delta R.T. -0.012 min
Lab File: BM039123.D
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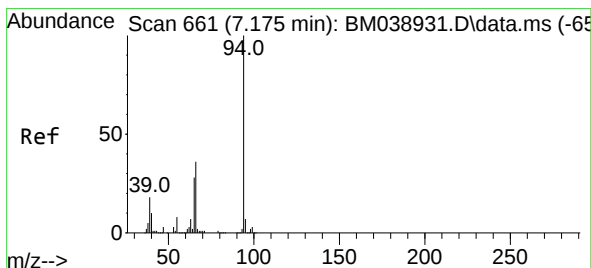
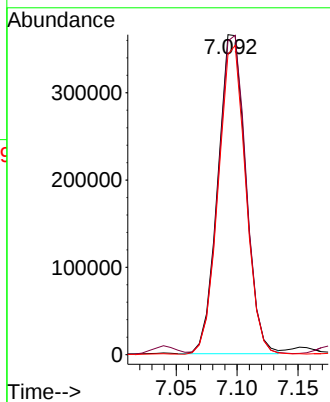
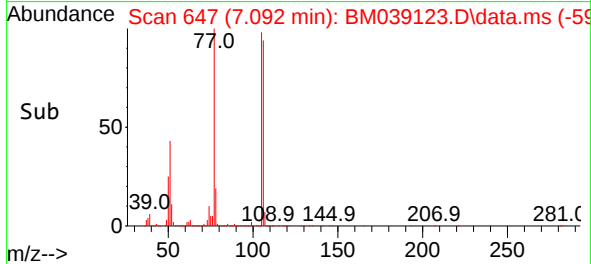
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Tgt Ion: 77 Resp: 581561
Ion Ratio Lower Upper
77 100
105 98.0 75.8 115.8
106 93.7 72.6 112.6

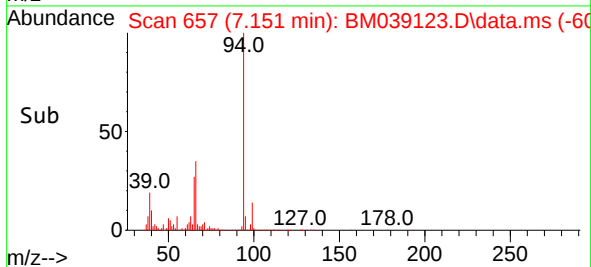
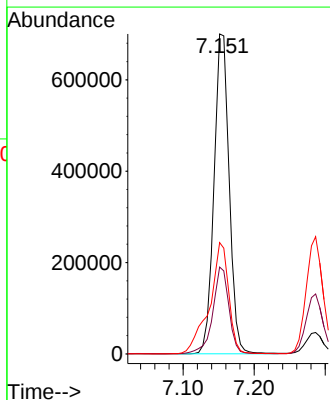
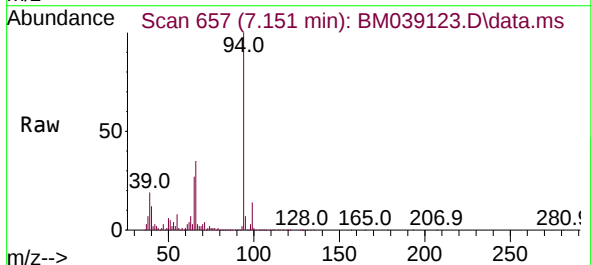
Manual Integrations
APPROVED

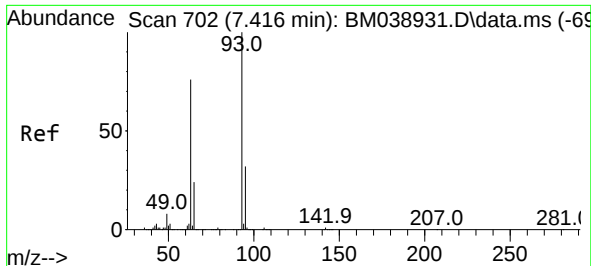
Reviewed By :Christian
Giraldo
03/24/2023
Supervised By :Jagrut
Upadhyay
03/24/2023



#10
Phenol
Concen: 43.218 ng
RT: 7.151 min Scan# 657
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

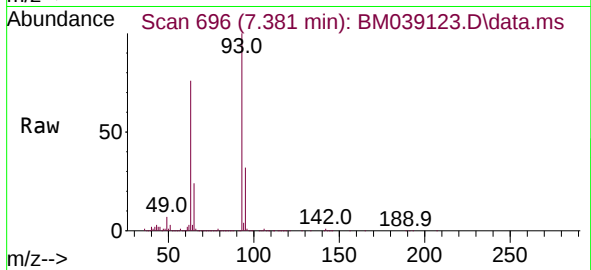
Tgt Ion: 94 Resp: 1043706
Ion Ratio Lower Upper
94 100
65 27.1 7.9 47.9
66 34.8 15.8 55.8





#11
bis(2-Chloroethyl)ether
Concen: 43.009 ng
RT: 7.381 min Scan# 69
Delta R.T. -0.012 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

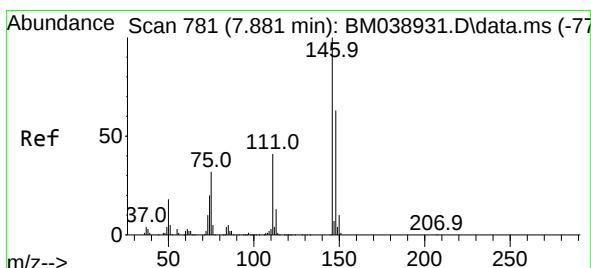
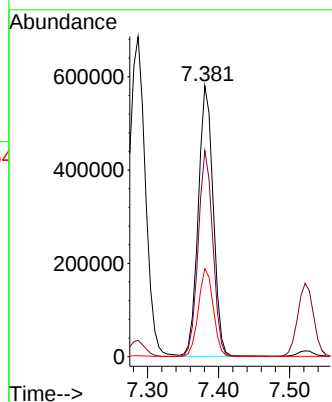
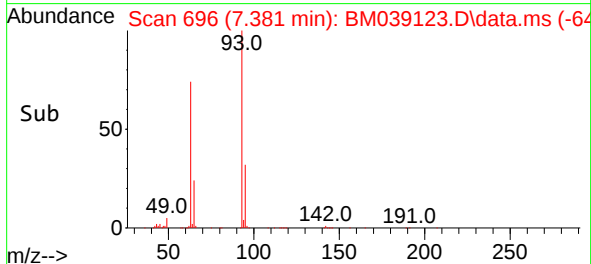
Instrument :
BNA_M
Client Sample Id :



Tgt Ion: 93 Resp: 844463
Ion Ratio Lower Upper
93 100
63 76.1 55.8 95.8
95 32.5 12.2 52.2

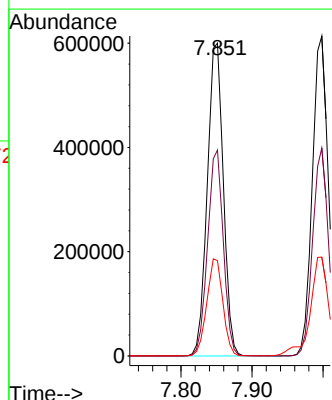
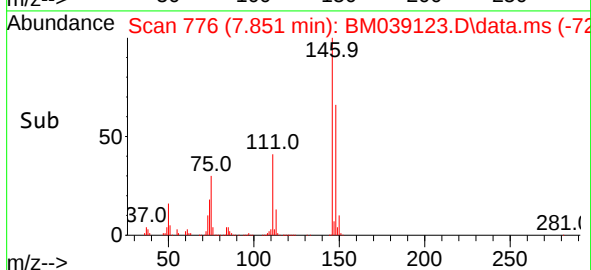
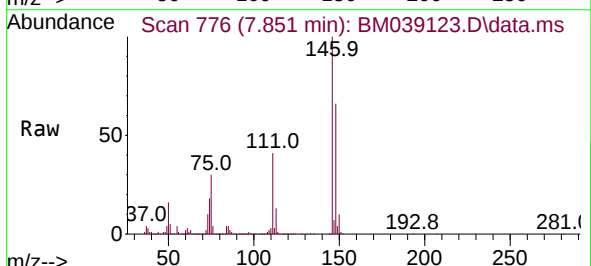
Manual Integrations
APPROVED

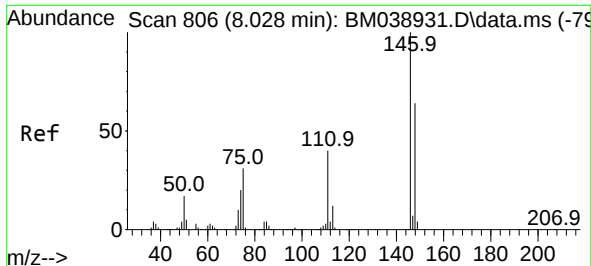
Reviewed By :Christian
Giraldo
03/24/2023
Supervised By :Jagrut
Upadhyay
03/24/2023



#12
1,3-Dichlorobenzene
Concen: 47.453 ng
RT: 7.851 min Scan# 776
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

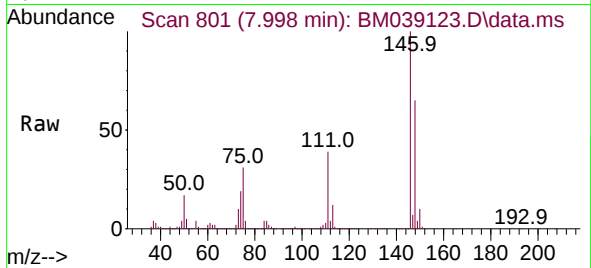
Tgt Ion:146 Resp: 939976
Ion Ratio Lower Upper
146 100
148 65.8 50.6 75.8
75 30.5 26.0 39.0





#13
1,4-Dichlorobenzene
Concen: 47.171 ng
RT: 7.998 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

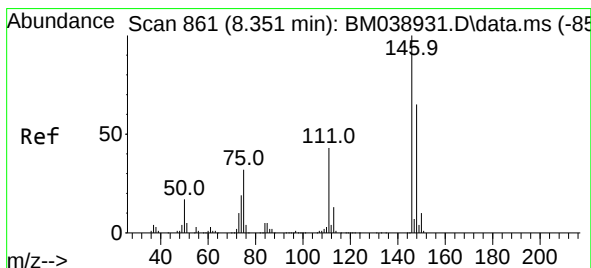
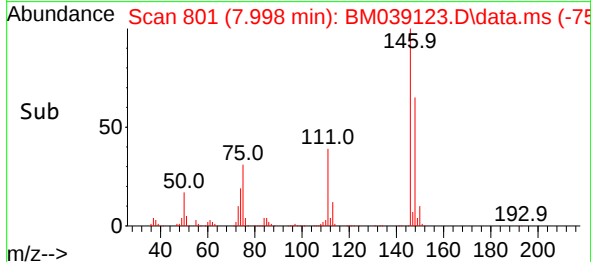
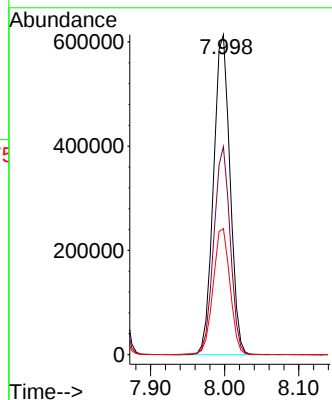
Instrument :
BNA_M
Client Sample Id :



Tgt Ion:146 Resp: 950303
Ion Ratio Lower Upper
146 100
148 65.0 51.0 76.4
111 39.4 32.2 48.4

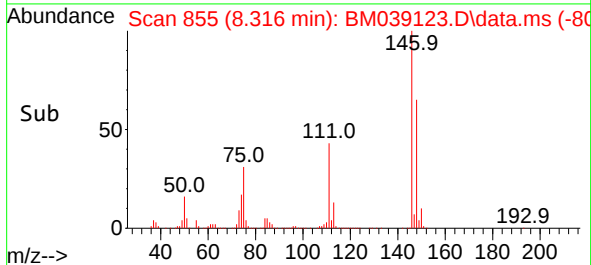
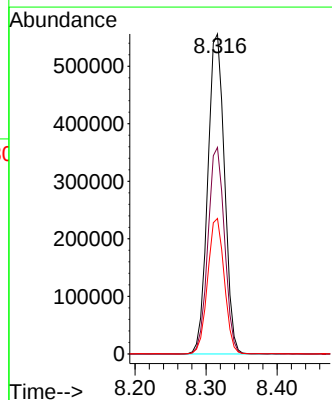
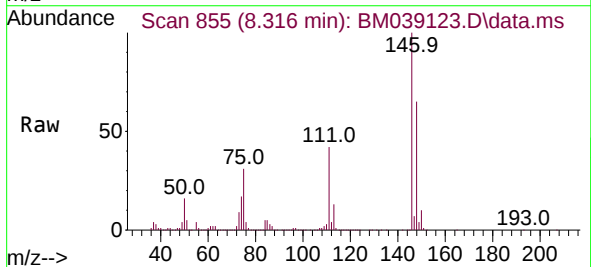
Manual Integrations
APPROVED

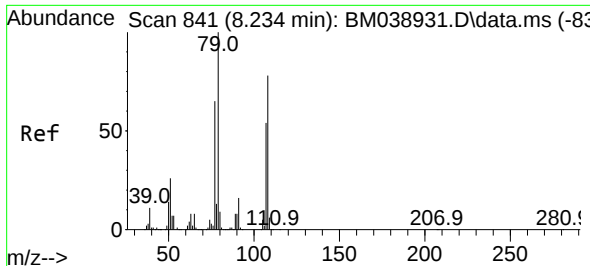
Reviewed By :Christian
Giraldo
03/24/2023
Supervised By :Jagrut
Upadhyay
03/24/2023



#14
1,2-Dichlorobenzene
Concen: 46.652 ng
RT: 8.316 min Scan# 855
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

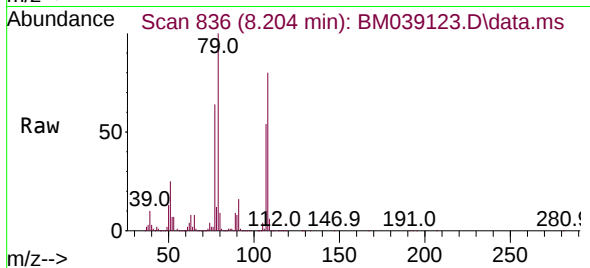
Tgt Ion:146 Resp: 905323
Ion Ratio Lower Upper
146 100
148 64.5 51.7 77.5
111 42.3 34.2 51.4





#15
Benzyl Alcohol
Concen: 43.549 ng m
RT: 8.204 min Scan# 841
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

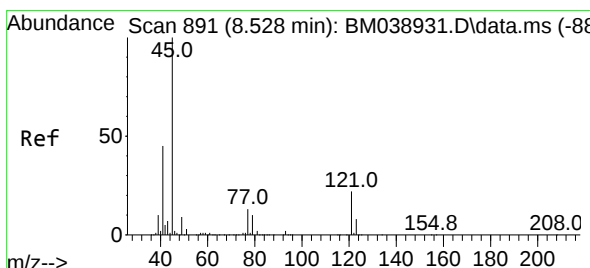
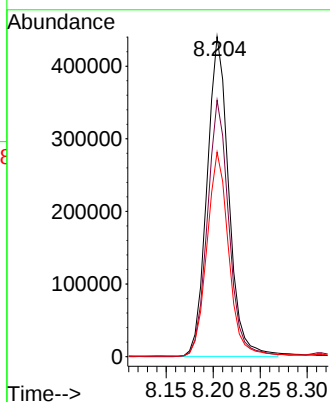
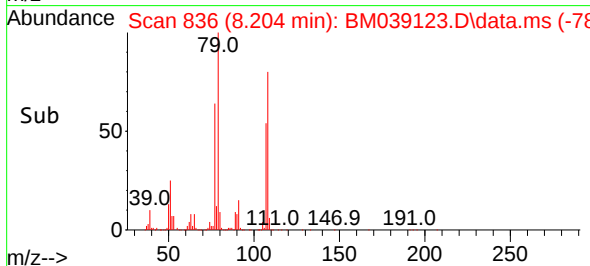
Instrument :
BNA_M
ClientSampleId :



Tgt Ion: 79 Resp: 709844
Ion Ratio Lower Upper
79 100
108 80.1 62.4 93.6
77 63.9 52.2 78.4

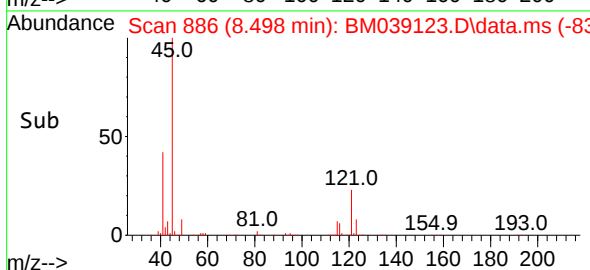
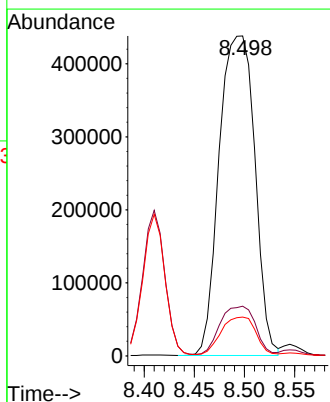
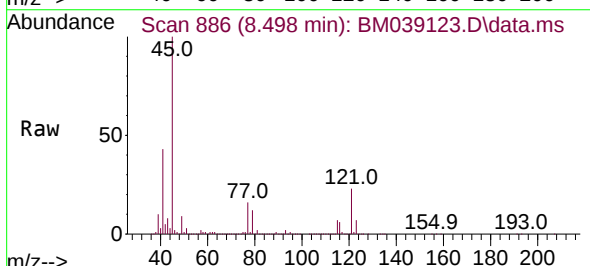
Manual Integrations
APPROVED

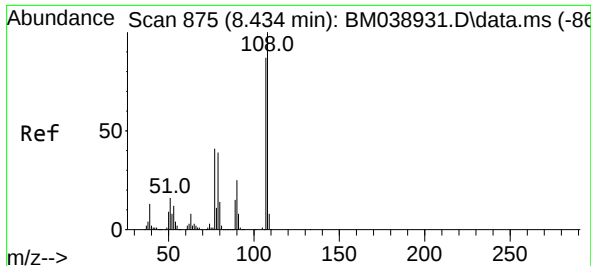
Reviewed By :Christian
Giraldo
03/24/2023
Supervised By :Jagrut
Upadhyay
03/24/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.621 ng
RT: 8.498 min Scan# 886
Delta R.T. -0.000 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

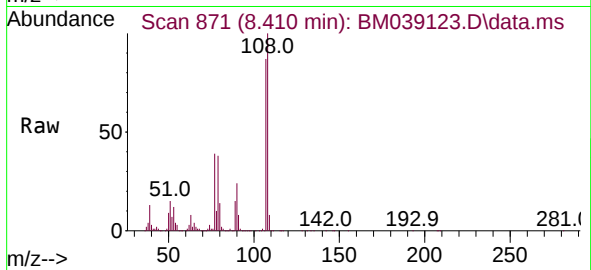
Tgt Ion: 45 Resp: 1081668
Ion Ratio Lower Upper
45 100
77 15.5 0.0 34.8
79 12.1 0.0 31.5





#17
2-Methylphenol
Concen: 40.911 ng
RT: 8.410 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

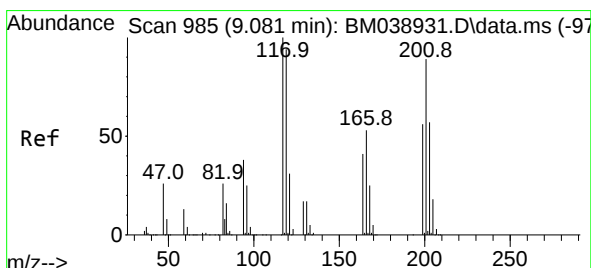
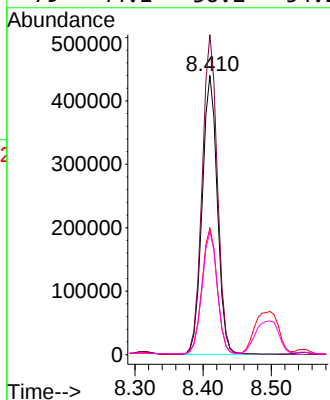
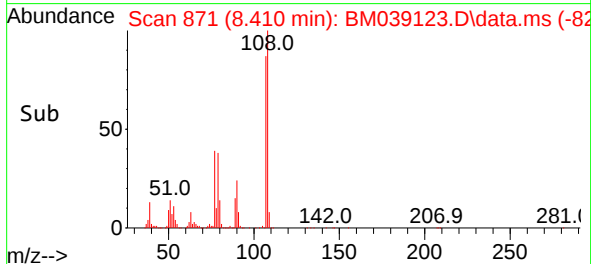
Instrument :
BNA_M
ClientSampleId :



Tgt Ion:107 Resp: 678691
Ion Ratio Lower Upper
107 100
108 114.7 91.7 137.5
77 45.3 37.4 56.2
79 44.1 36.2 54.2

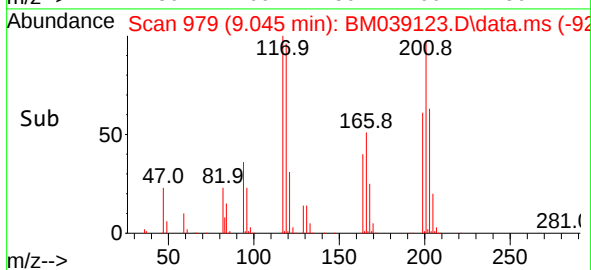
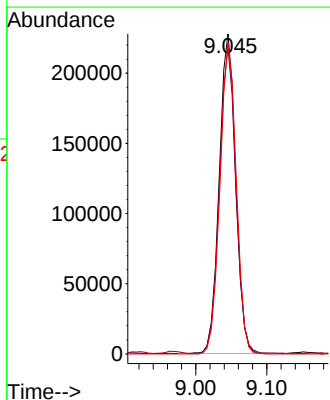
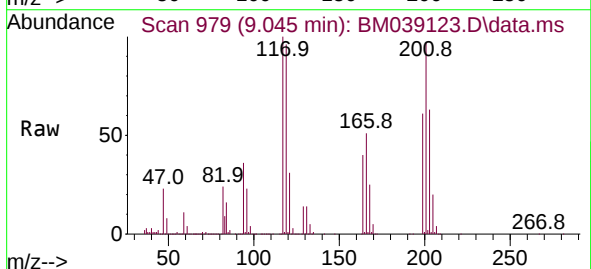
Manual Integrations
APPROVED

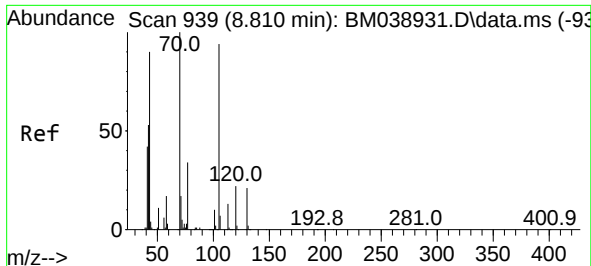
Reviewed By :Christian
Giraldo
03/24/2023
Supervised By :Jagrut
Upadhyay
03/24/2023



#18
Hexachloroethane
Concen: 49.289 ng
RT: 9.045 min Scan# 979
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

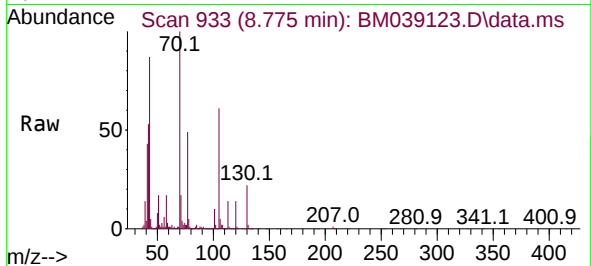
Tgt Ion:117 Resp: 366361
Ion Ratio Lower Upper
117 100
119 95.6 75.4 113.0
201 97.2 71.3 106.9





#19
n-Nitroso-di-n-propylamine
Concen: 42.950 ng
RT: 8.775 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

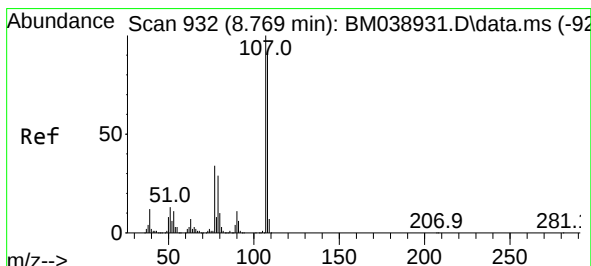
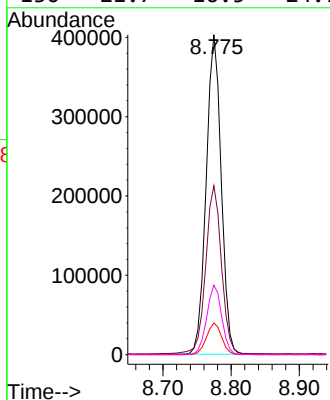
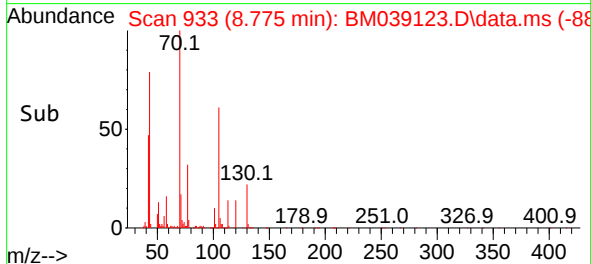
Instrument :
BNA_M
ClientSampleId :



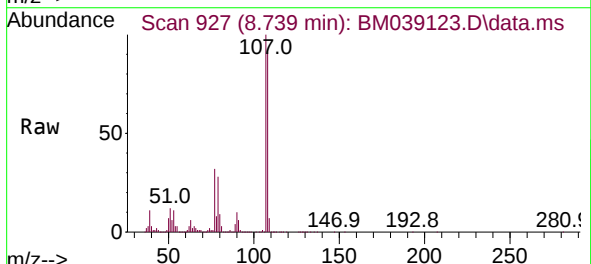
Tgt Ion: 70 Resp: 615203
Ion Ratio Lower Upper
70 100
42 52.8 43.4 65.2
101 9.9 7.6 11.4
130 21.7 16.5 24.7

Manual Integrations
APPROVED

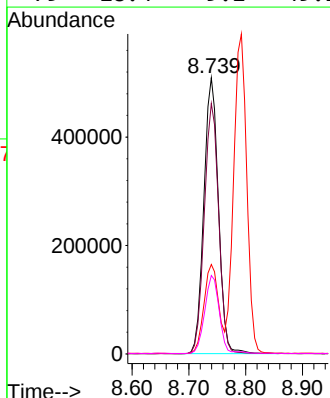
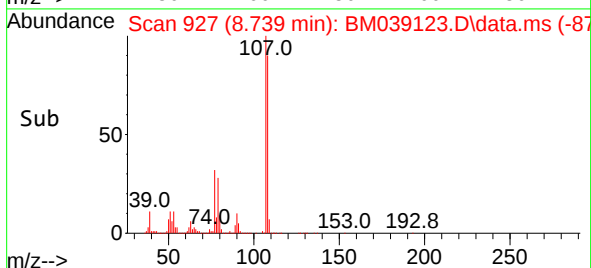
Reviewed By :Christian
Giraldo
03/24/2023
Supervised By :Jagrut
Upadhyay
03/24/2023

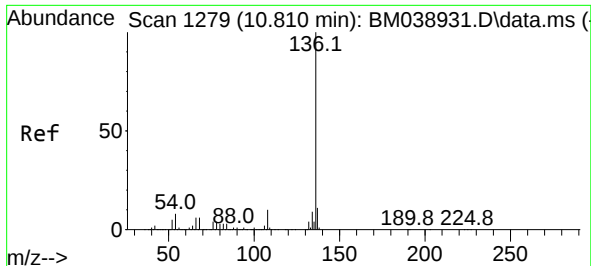


#20
3+4-Methylphenols
Concen: 40.977 ng
RT: 8.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26



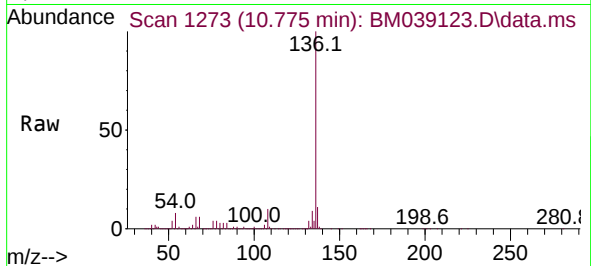
Tgt Ion:107 Resp: 907677
Ion Ratio Lower Upper
107 100
108 90.6 71.8 111.8
77 32.3 13.6 53.6
79 28.4 9.2 49.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

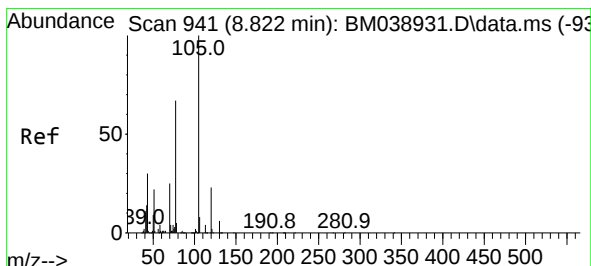
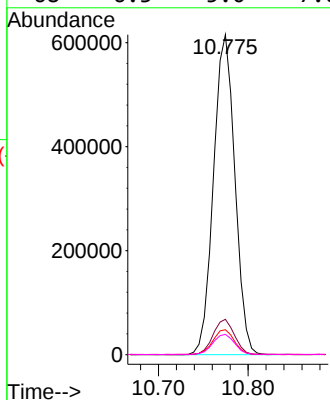
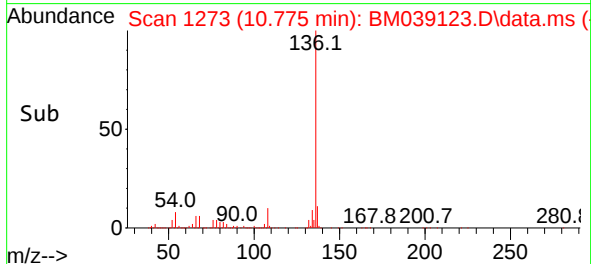
Instrument :
BNA_M
ClientSampleId :



Tgt Ion:136 Resp: 1019434
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.8 6.3 9.5
68 6.3 5.0 7.6

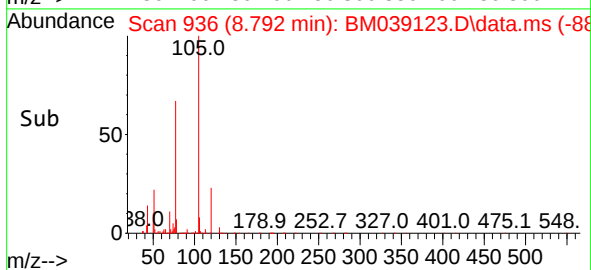
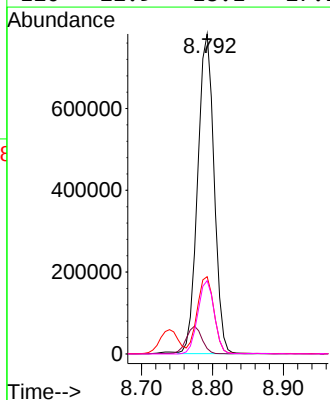
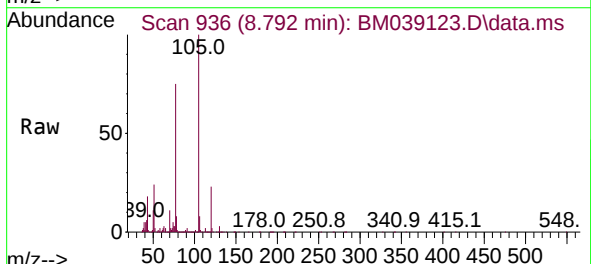
Manual Integrations
APPROVED

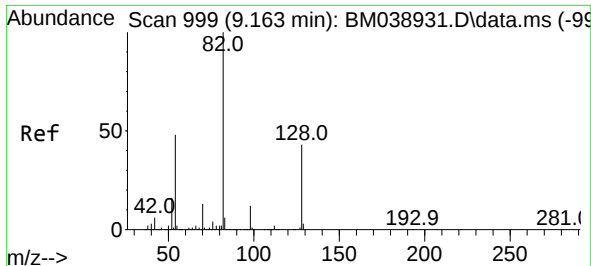
Reviewed By :Christian
Giraldo
03/24/2023
Supervised By :Jagrut
Upadhyay
03/24/2023



#22
Acetophenone
Concen: 43.522 ng
RT: 8.792 min Scan# 936
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

Tgt Ion:105 Resp: 1244789
Ion Ratio Lower Upper
105 100
71 1.7 3.4 5.0#
51 24.1 21.0 31.4
120 22.9 18.1 27.1





#23

Nitrobenzene-d5

Concen: 68.228 ng

RT: 9.128 min Scan# 999

Delta R.T. -0.012 min

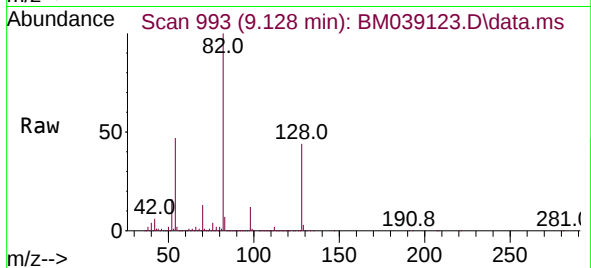
Lab File: BM039123.D

Acq: 23 Mar 2023 19:26

Instrument :

BNA_M

ClientSampleId :



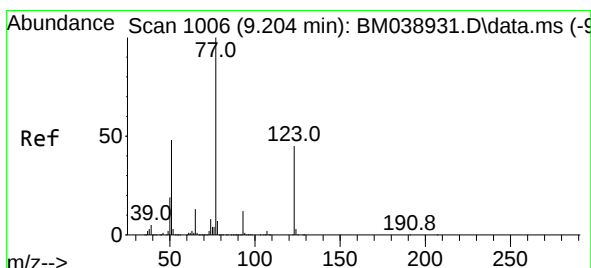
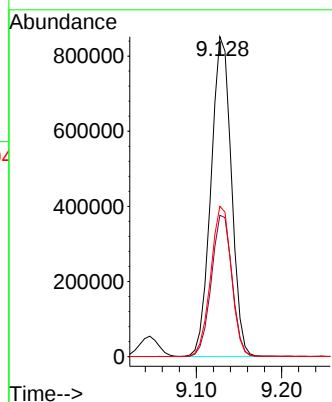
Tgt Ion: 82 Resp: 1415975

Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.4	51.6
54	47.0	38.8	58.2

Manual Integrations
APPROVED

Reviewed By :Christian
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03/24/2023

Supervised By :Jagrut
Upadhyay
03/24/2023



#24

Nitrobenzene

Concen: 41.861 ng

RT: 9.169 min Scan# 1000

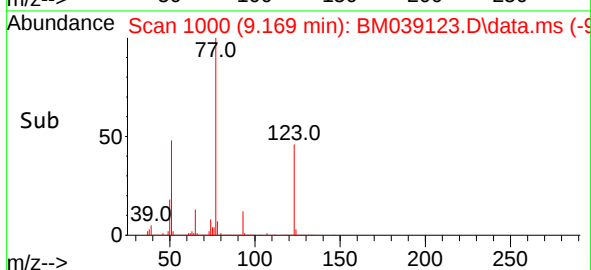
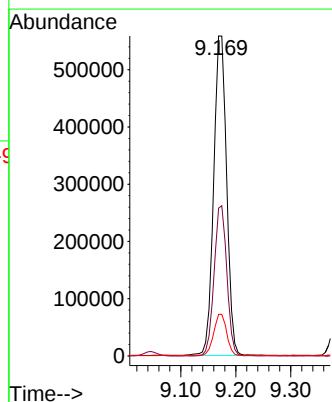
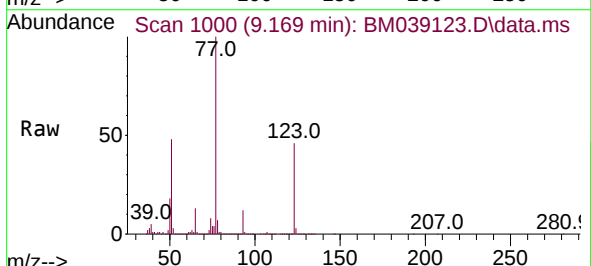
Delta R.T. -0.012 min

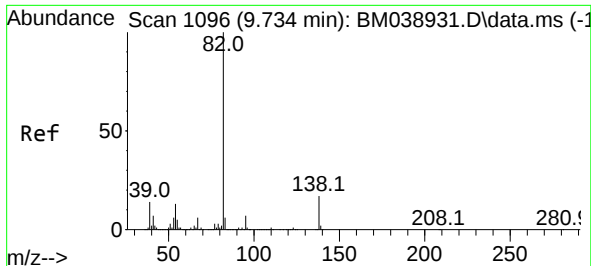
Lab File: BM039123.D

Acq: 23 Mar 2023 19:26

Tgt Ion: 77 Resp: 913131

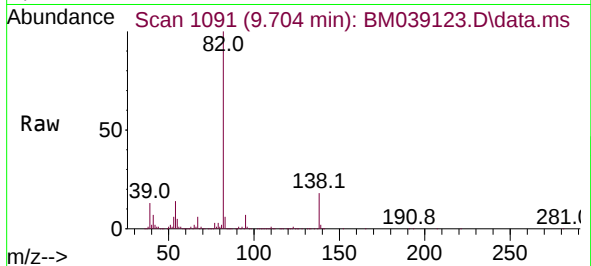
Ion	Ratio	Lower	Upper
77	100		
123	46.2	35.8	53.6
65	13.0	10.2	15.4





#25
Isophorone
Concen: 43.404 ng
RT: 9.704 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

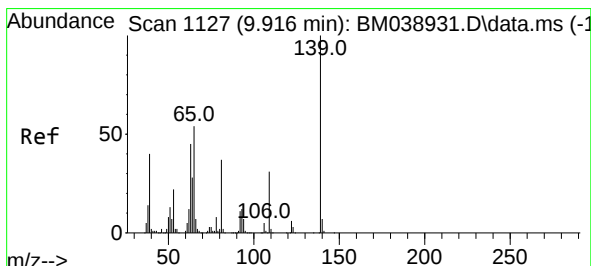
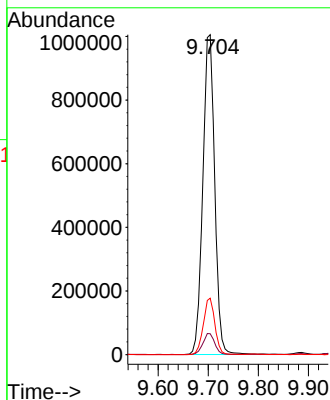
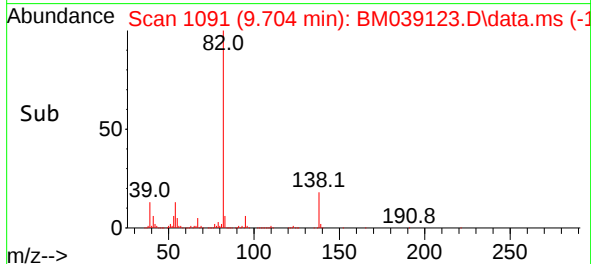
Instrument :
BNA_M
ClientSampleId :



Tgt Ion: 82 Resp: 1657658
Ion Ratio Lower Upper
82 100
95 6.5 5.2 7.8
138 17.6 13.6 20.4

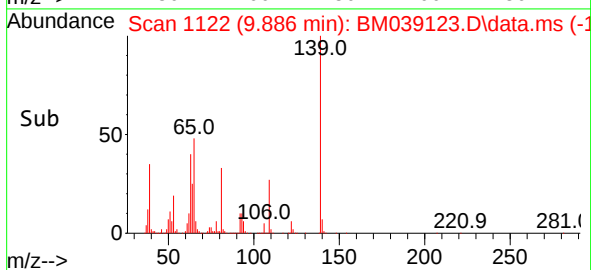
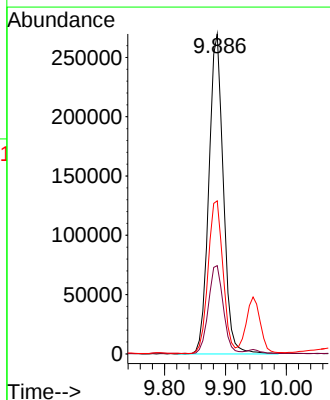
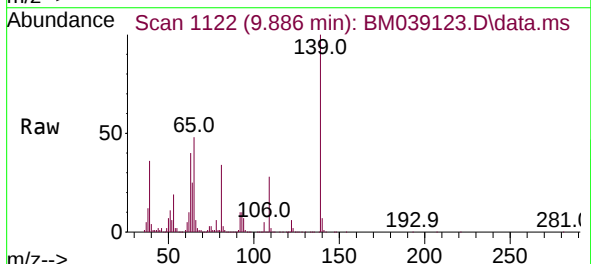
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo
03/24/2023
Supervised By :Jagrut
Upadhyay
03/24/2023



#26
2-Nitrophenol
Concen: 46.437 ng
RT: 9.886 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

Tgt Ion:139 Resp: 446261
Ion Ratio Lower Upper
139 100
109 27.6 24.5 36.7
65 47.8 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 44.511 ng

RT: 9.945 min Scan# 1137

Delta R.T. -0.006 min

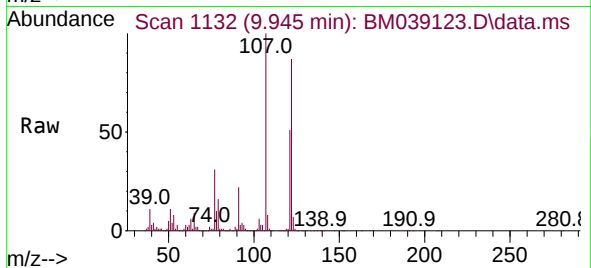
Lab File: BM039123.D

Acq: 23 Mar 2023 19:26

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:122 Resp: 740693

Ion Ratio Lower Upper

122 100

107 114.8 91.0 136.4

121 58.2 45.1 67.7

Manual Integrations

APPROVED

Reviewed By :Christian

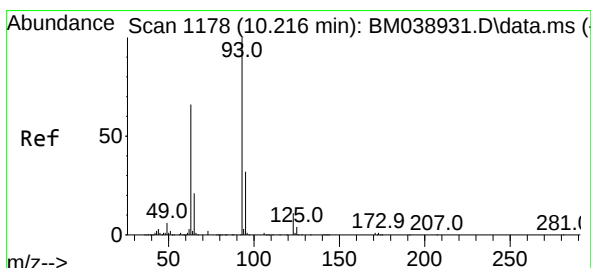
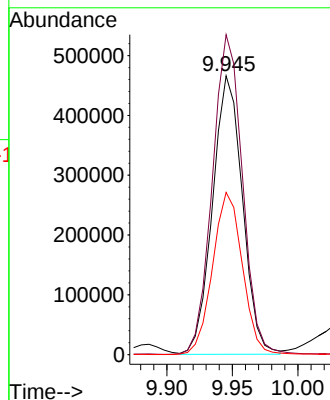
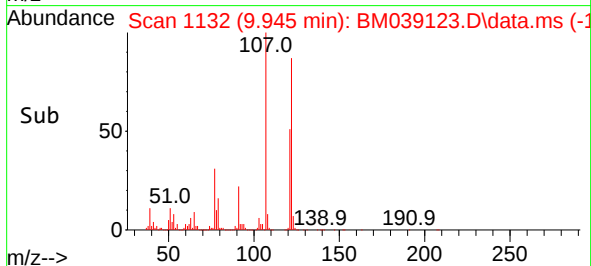
Giraldo

03/24/2023

Supervised By :Jagrut

Upadhyay

03/24/2023



#28

bis(2-Chloroethoxy)methane

Concen: 42.651 ng

RT: 10.180 min Scan# 1172

Delta R.T. -0.012 min

Lab File: BM039123.D

Acq: 23 Mar 2023 19:26

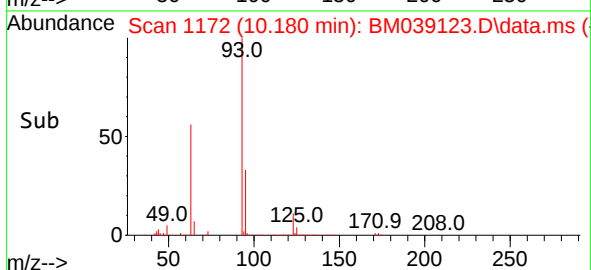
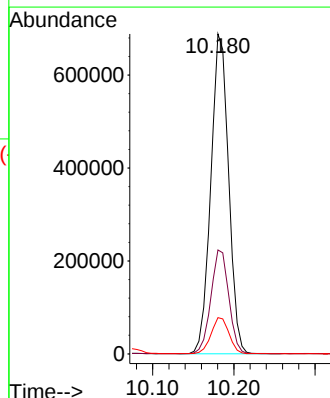
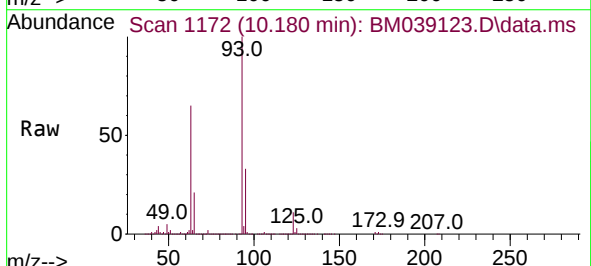
Tgt Ion: 93 Resp: 1046609

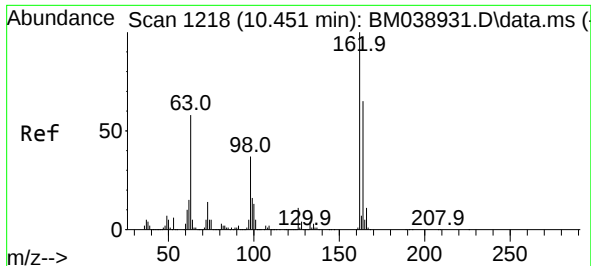
Ion Ratio Lower Upper

93 100

95 32.5 25.9 38.9

123 11.3 8.8 13.2



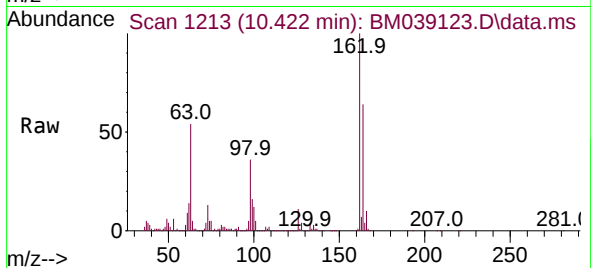


#29
2,4-Dichlorophenol
Concen: 44.921 ng
RT: 10.422 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

Instrument :

BNA_M

ClientSampleId :

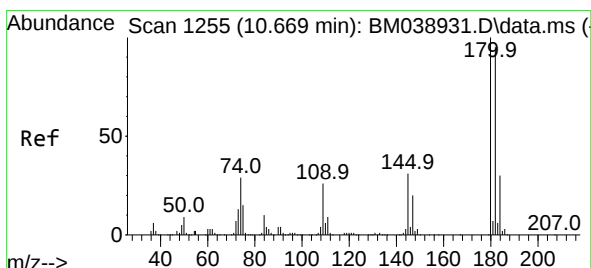
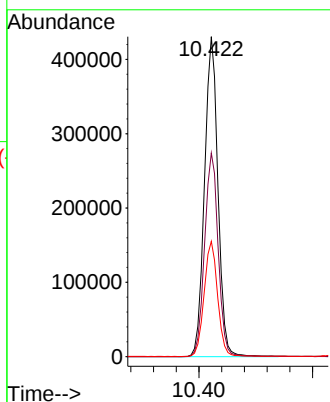
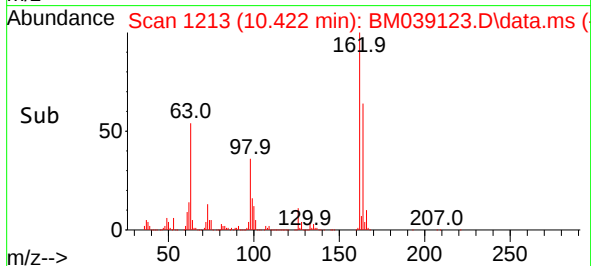


Tgt Ion:162 Resp: 708712
Ion Ratio Lower Upper
162 100
164 63.6 44.6 84.6
98 36.0 17.5 57.5

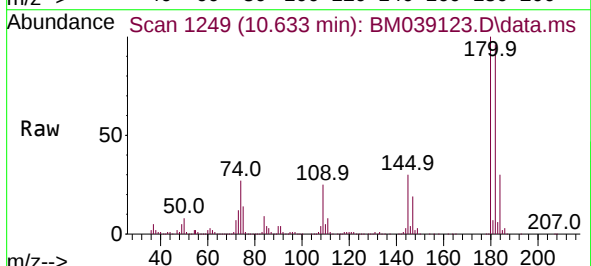
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo
03/24/2023

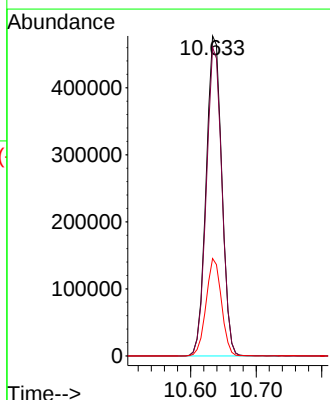
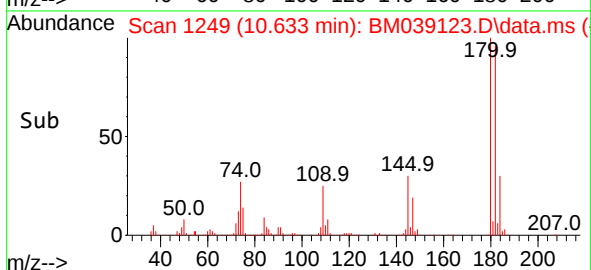
Supervised By :Jagrut
Upadhyay
03/24/2023

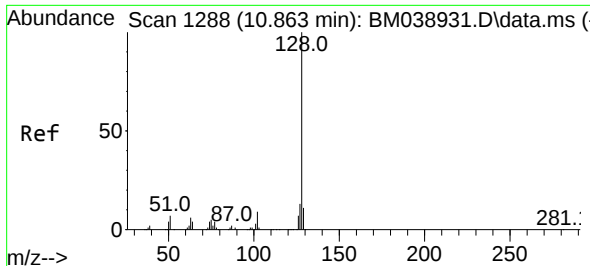


#30
1,2,4-Trichlorobenzene
Concen: 45.724 ng
RT: 10.633 min Scan# 1249
Delta R.T. -0.012 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26



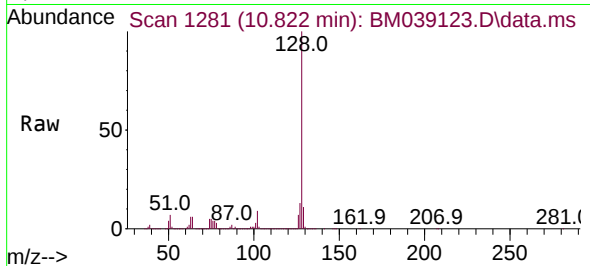
Tgt Ion:180 Resp: 788301
Ion Ratio Lower Upper
180 100
182 96.4 76.3 114.5
145 30.4 25.0 37.4





#31
Naphthalene
Concen: 46.888 ng
RT: 10.822 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

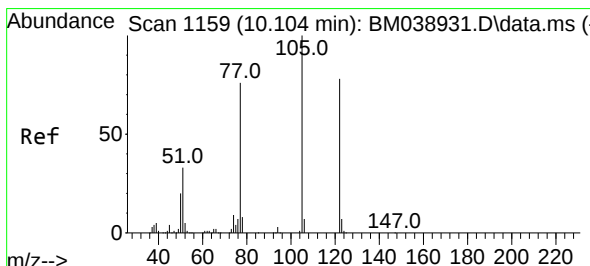
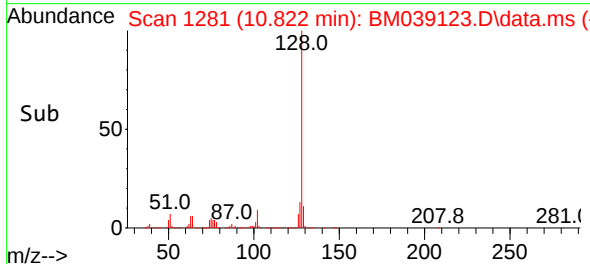
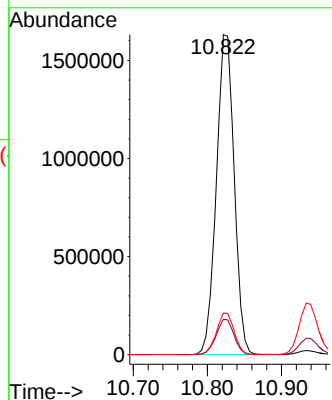
Instrument :
BNA_M
ClientSampleId :



Tgt Ion:128 Resp: 272561
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.0 10.2 15.4

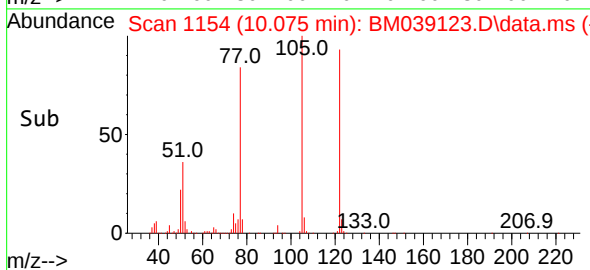
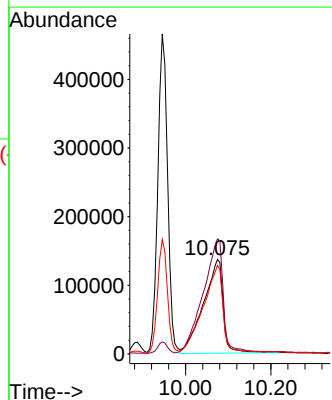
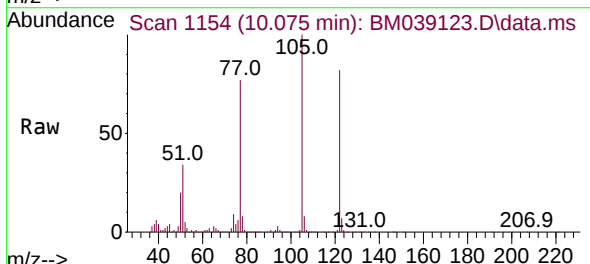
Manual Integrations
APPROVED

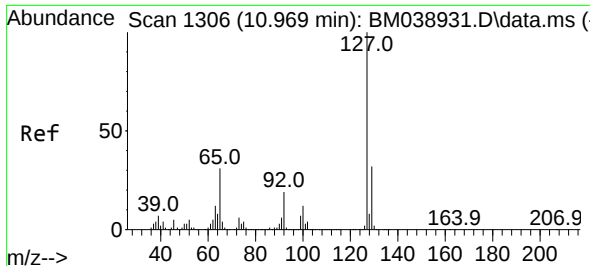
Reviewed By :Christian
Giraldo
03/24/2023
Supervised By :Jagrut
Upadhyay
03/24/2023



#32
Benzoic acid
Concen: 37.626 ng
RT: 10.075 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

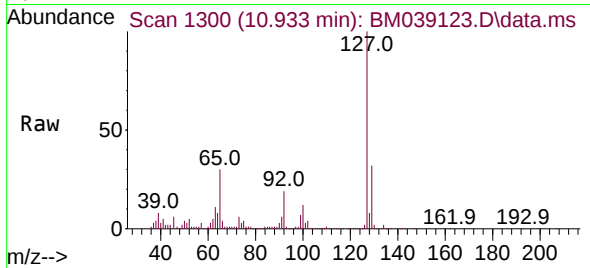
Tgt Ion:122 Resp: 442207
Ion Ratio Lower Upper
122 100
105 121.7 104.2 144.2
77 93.8 75.1 115.1





#33
4-Chloroaniline
Concen: 19.336 ng
RT: 10.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

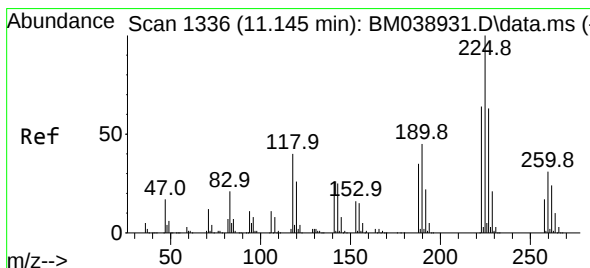
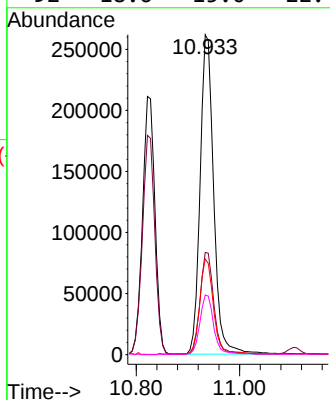
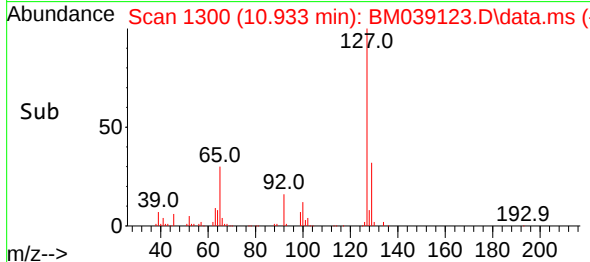
Instrument :
BNA_M
ClientSampleId :



Tgt Ion:127 Resp: 479002
Ion Ratio Lower Upper
127 100
129 31.9 25.4 38.2
65 29.9 24.4 36.6
92 18.6 15.0 22.4

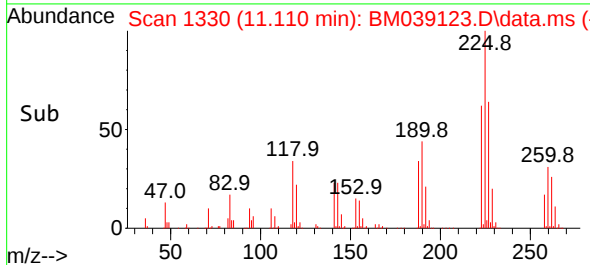
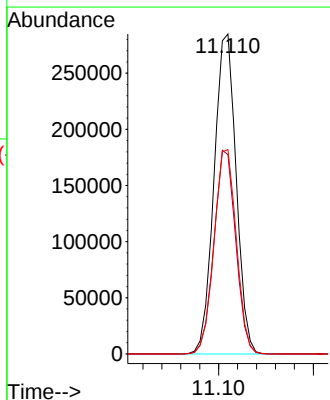
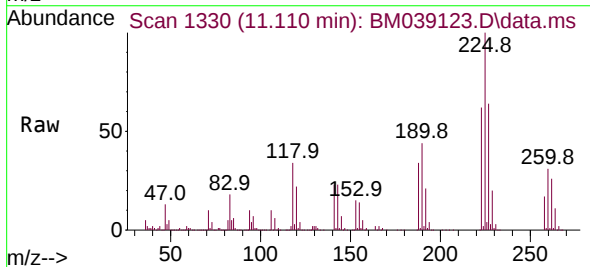
Manual Integrations
APPROVED

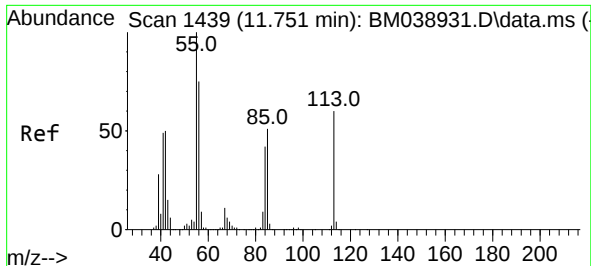
Reviewed By :Christian
Giraldo
03/24/2023
Supervised By :Jagrut
Upadhyay
03/24/2023



#34
Hexachlorobutadiene
Concen: 46.670 ng
RT: 11.110 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

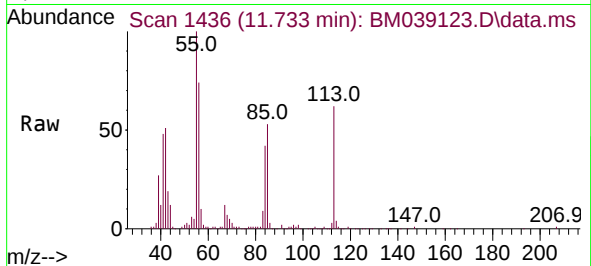
Tgt Ion:225 Resp: 461403
Ion Ratio Lower Upper
225 100
223 62.3 51.3 76.9
227 63.8 50.6 76.0





#35
Caprolactam
Concen: 38.648 ng m
RT: 11.733 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

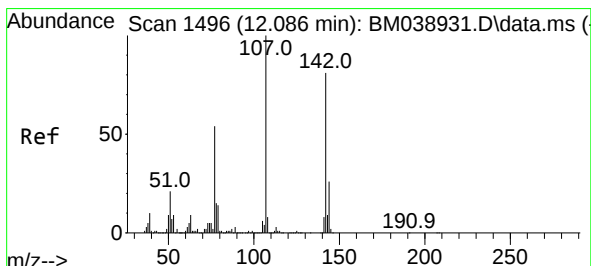
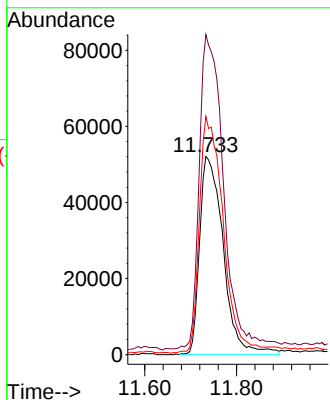
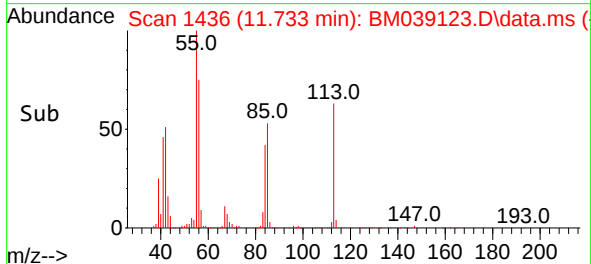
Instrument :
BNA_M
ClientSampleId :



Tgt Ion:113 Resp: 185578
Ion Ratio Lower Upper
113 100
55 161.5 147.0 187.0
56 120.2 105.1 145.1

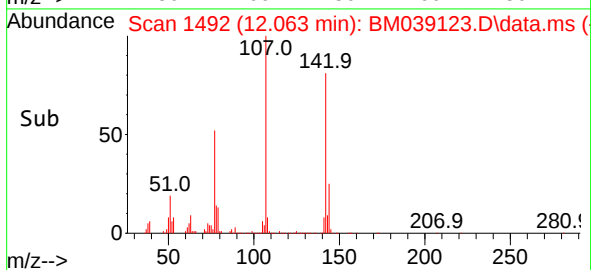
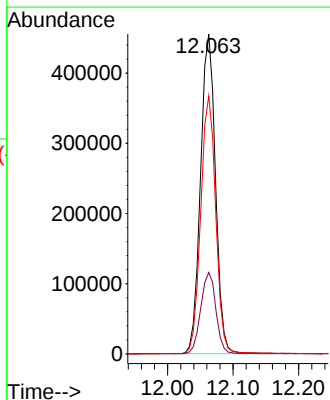
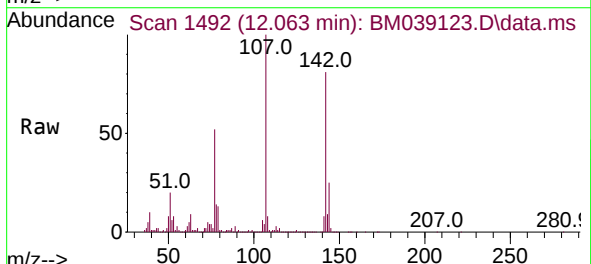
Manual Integrations
APPROVED

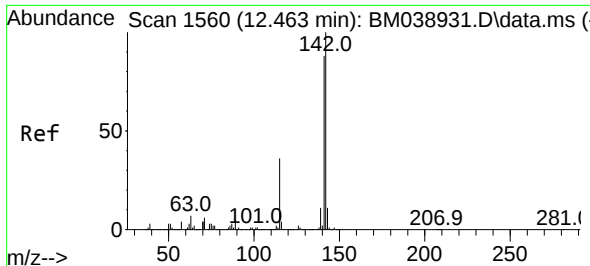
Reviewed By :Christian
Giraldo
03/24/2023
Supervised By :Jagrut
Upadhyay
03/24/2023



#36
4-Chloro-3-methylphenol
Concen: 42.761 ng
RT: 12.063 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

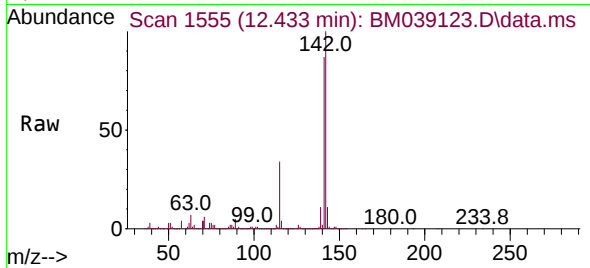
Tgt Ion:107 Resp: 718369
Ion Ratio Lower Upper
107 100
144 25.4 20.7 31.1
142 80.6 64.6 97.0





#37
2-Methylnaphthalene
Concen: 42.097 ng
RT: 12.433 min Scan# 1555
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

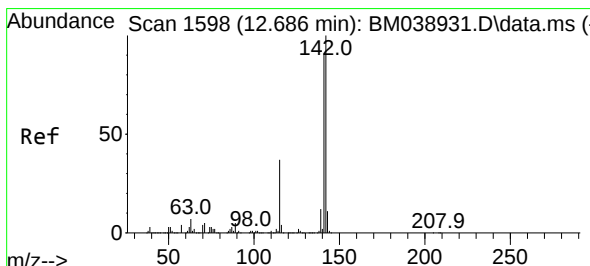
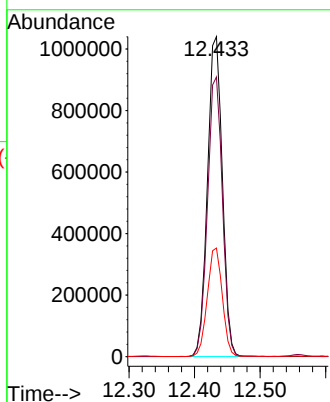
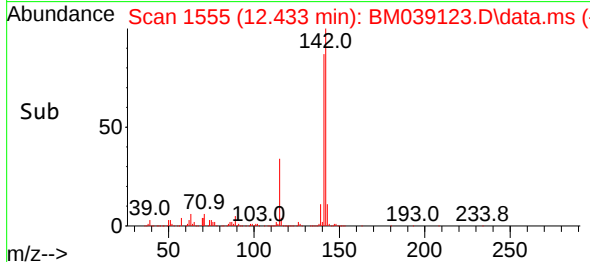
Instrument :
BNA_M
ClientSampleId :



Tgt Ion:142 Resp: 1640164
Ion Ratio Lower Upper
142 100
141 87.4 70.6 106.0
115 33.9 28.5 42.7

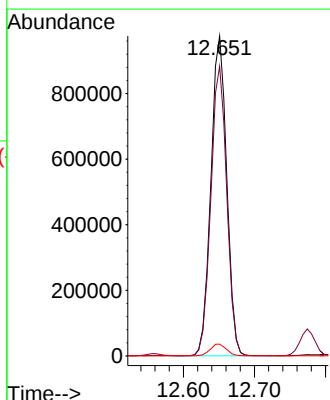
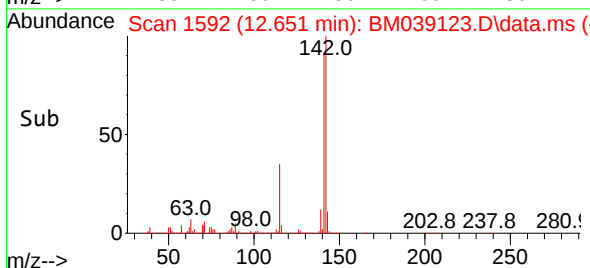
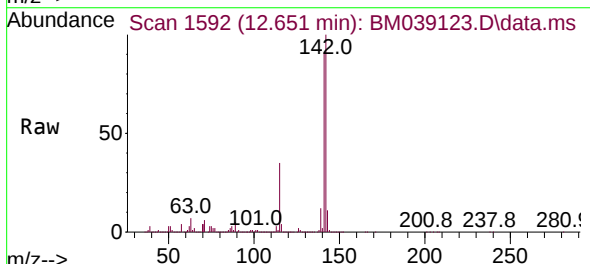
Manual Integrations
APPROVED

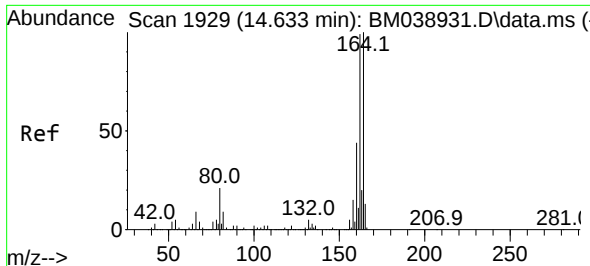
Reviewed By :Christian
Giraldo
03/24/2023
Supervised By :Jagrut
Upadhyay
03/24/2023



#38
1-Methylnaphthalene
Concen: 41.311 ng
RT: 12.651 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

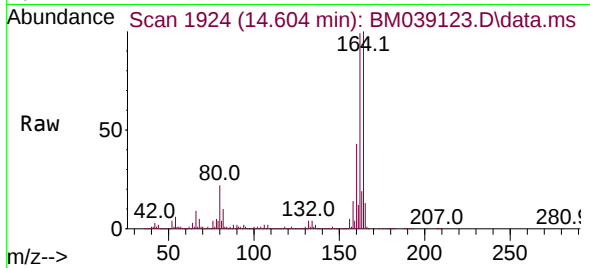
Tgt Ion:142 Resp: 1508363
Ion Ratio Lower Upper
142 100
141 90.6 72.8 109.2
116 3.7 3.0 4.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

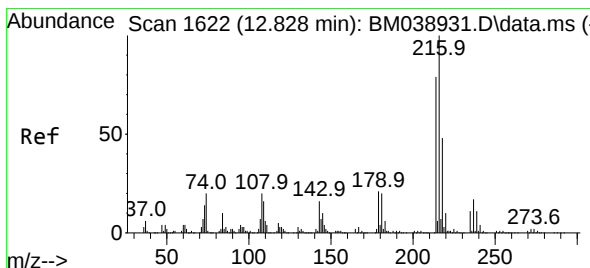
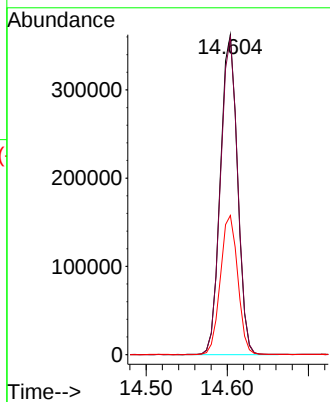
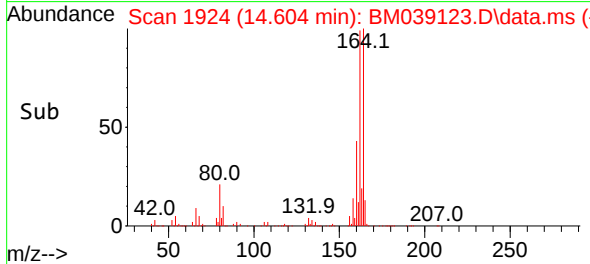
Instrument :
BNA_M
ClientSampleId :



Tgt Ion:164 Resp: 529073
Ion Ratio Lower Upper
164 100
162 99.2 79.2 118.8
160 43.5 35.5 53.3

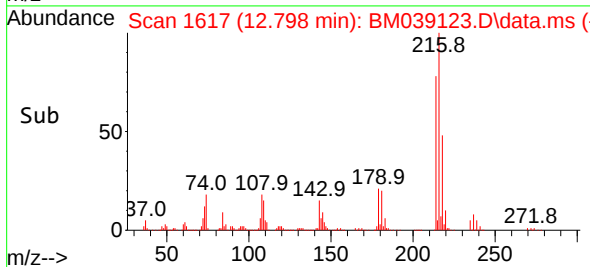
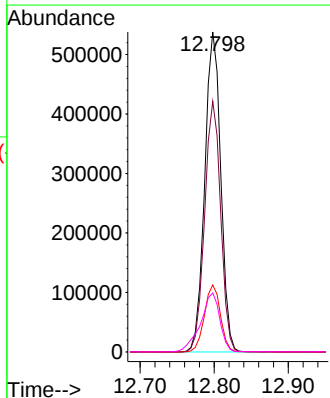
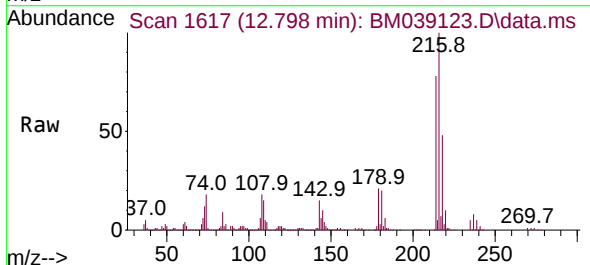
Manual Integrations
APPROVED

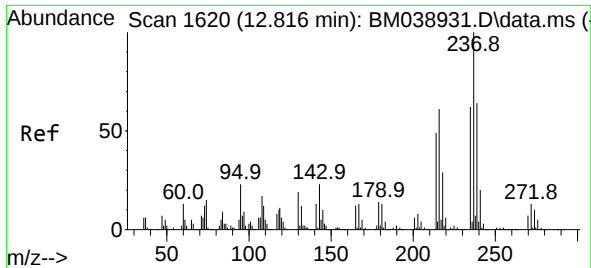
Reviewed By :Christian
Giraldo
03/24/2023
Supervised By :Jagrut
Upadhyay
03/24/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.782 ng
RT: 12.798 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

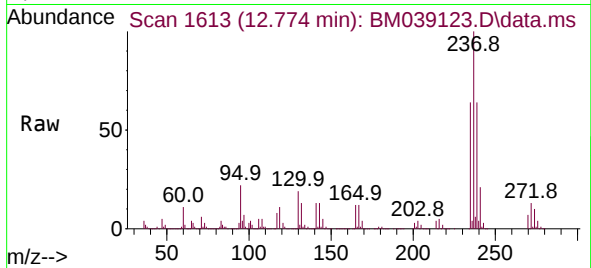
Tgt Ion:216 Resp: 804646
Ion Ratio Lower Upper
216 100
214 78.4 63.0 94.4
179 21.0 16.8 25.2
108 22.3 17.0 25.4





#41
Hexachlorocyclopentadiene
Concen: 101.107 ng
RT: 12.774 min Scan# 1613
Delta R.T. -0.012 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

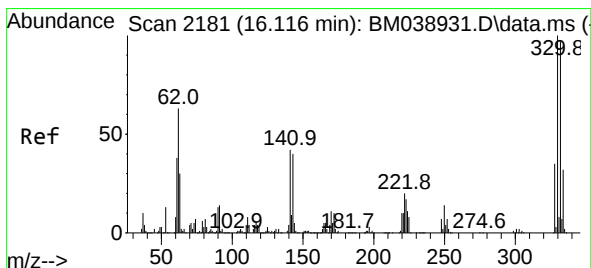
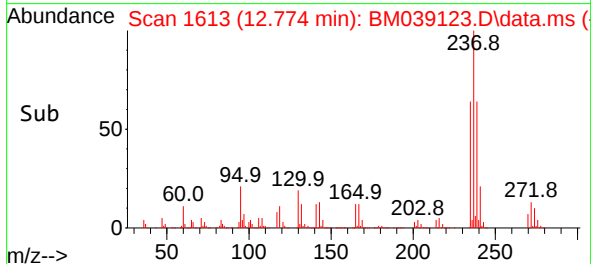
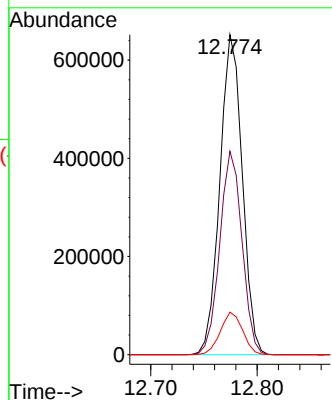
Instrument :
BNA_M
ClientSampleId :



Tgt Ion:237 Resp: 954564
Ion Ratio Lower Upper
237 100
235 63.5 41.7 81.7
272 13.3 0.0 33.2

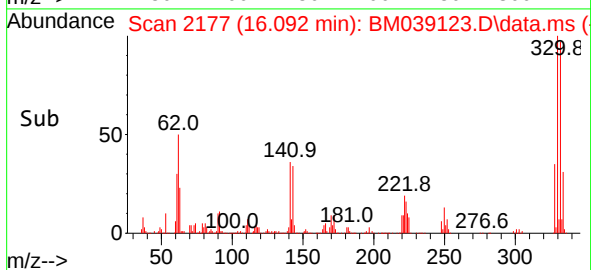
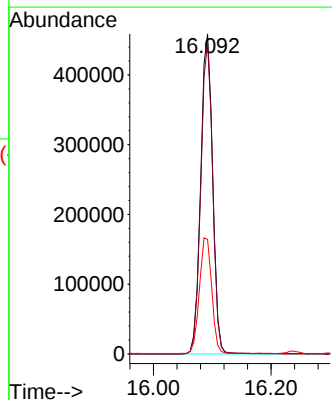
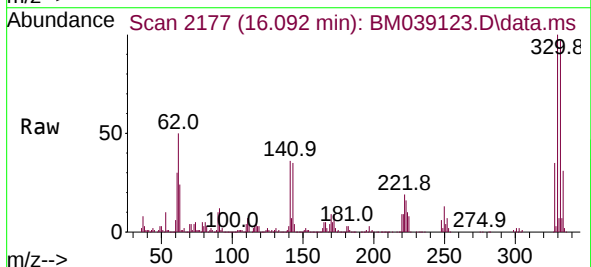
Manual Integrations
APPROVED

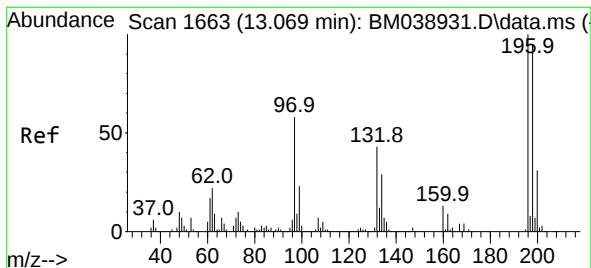
Reviewed By :Christian
Giraldo
03/24/2023
Supervised By :Jagrut
Upadhyay
03/24/2023



#42
2,4,6-Tribromophenol
Concen: 105.502 ng
RT: 16.092 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

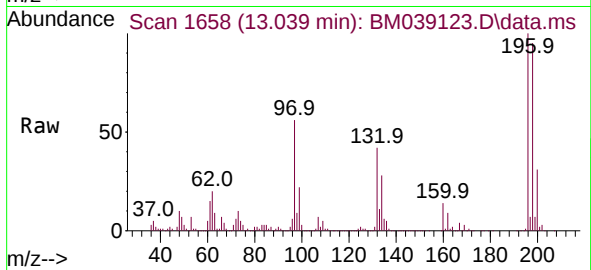
Tgt Ion:330 Resp: 645729
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.0
141 37.4 32.2 48.4





#43
2,4,6-Trichlorophenol
Concen: 46.761 ng
RT: 13.039 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

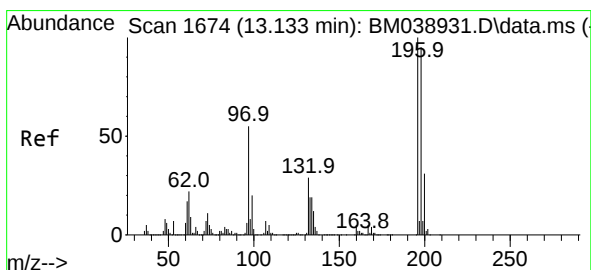
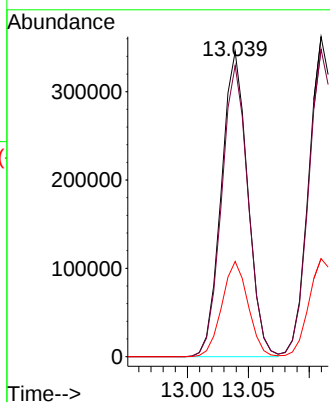
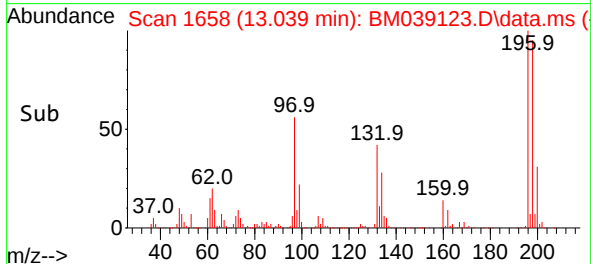
Instrument :
BNA_M
ClientSampleId :



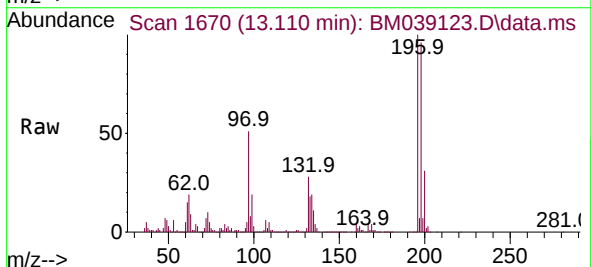
Tgt Ion:196 Resp: 520818
Ion Ratio Lower Upper
196 100
198 95.4 75.8 113.8
200 31.2 25.0 37.4

Manual Integrations
APPROVED

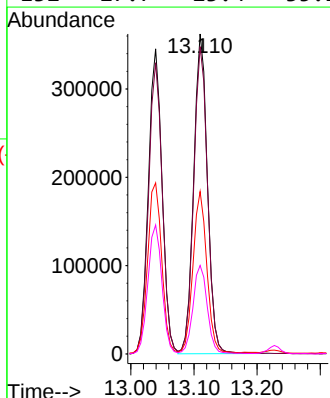
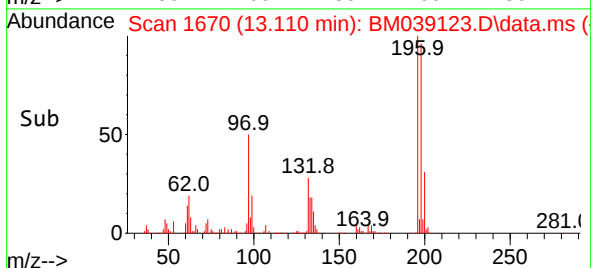
Reviewed By :Christian
Giraldo
03/24/2023
Supervised By :Jagrut
Upadhyay
03/24/2023

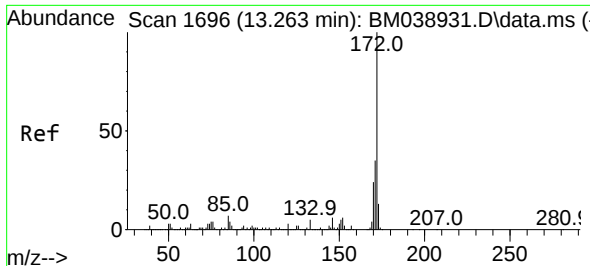


#44
2,4,5-Trichlorophenol
Concen: 42.123 ng
RT: 13.110 min Scan# 1670
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26



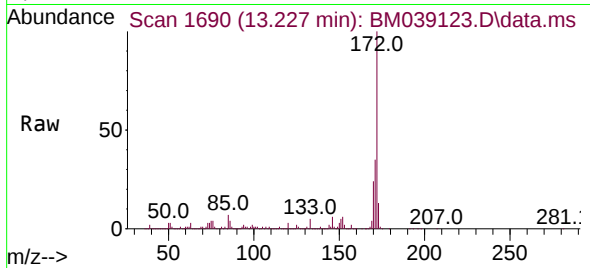
Tgt Ion:196 Resp: 549146
Ion Ratio Lower Upper
196 100
198 96.0 76.3 114.5
97 50.8 44.2 66.4
132 27.7 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 69.080 ng
RT: 13.227 min Scan# 1696
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

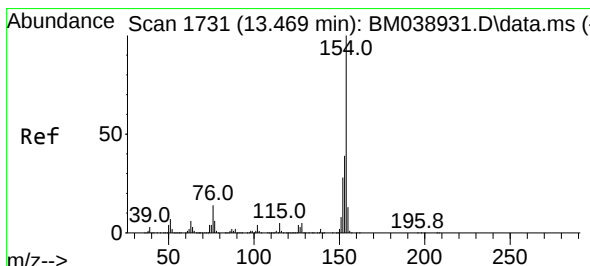
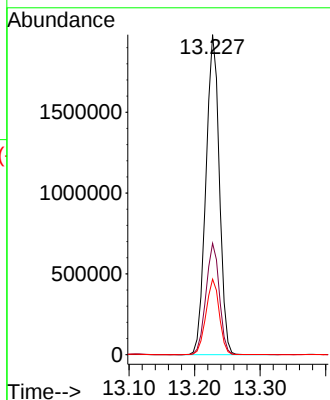
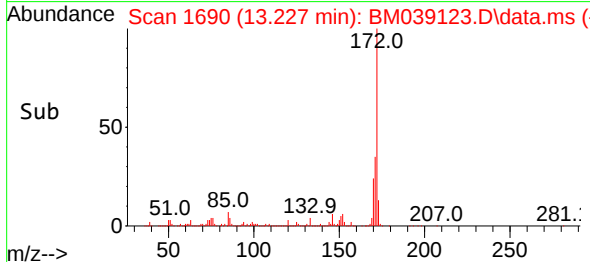
Instrument :
BNA_M
ClientSampleId :



Tgt Ion:172 Resp: 2807512
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.6 19.1 28.7

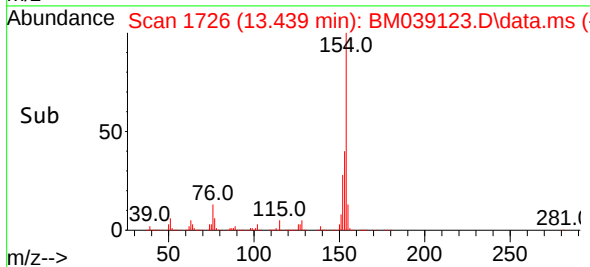
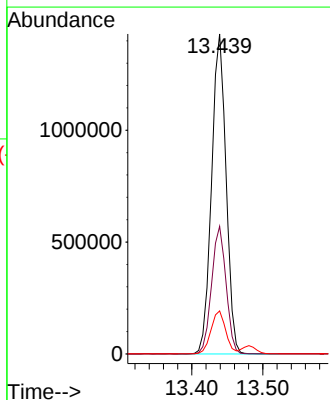
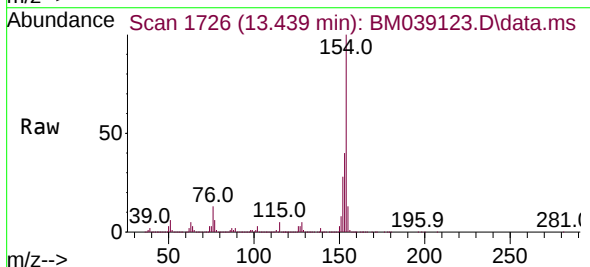
Manual Integrations
APPROVED

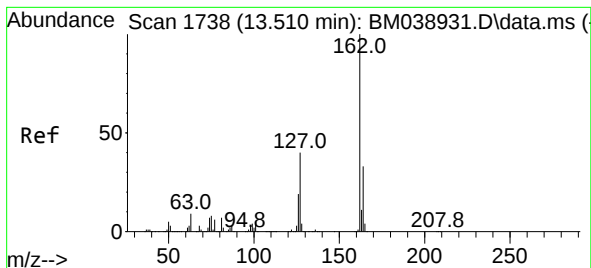
Reviewed By :Christian
Giraldo
03/24/2023
Supervised By :Jagrut
Upadhyay
03/24/2023



#46
1,1'-Biphenyl
Concen: 45.122 ng
RT: 13.439 min Scan# 1726
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

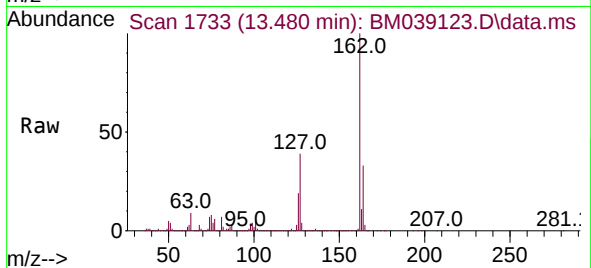
Tgt Ion:154 Resp: 2022452
Ion Ratio Lower Upper
154 100
153 39.9 19.3 59.3
76 13.4 0.0 34.0





#47
2-Chloronaphthalene
Concen: 45.177 ng
RT: 13.480 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

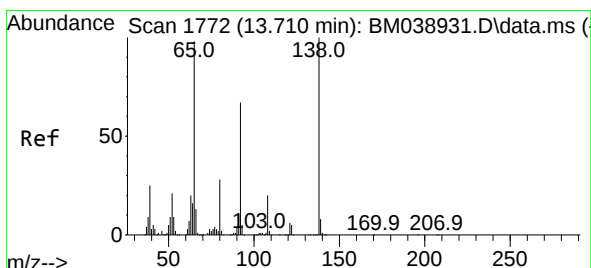
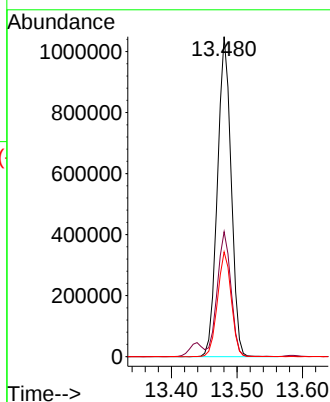
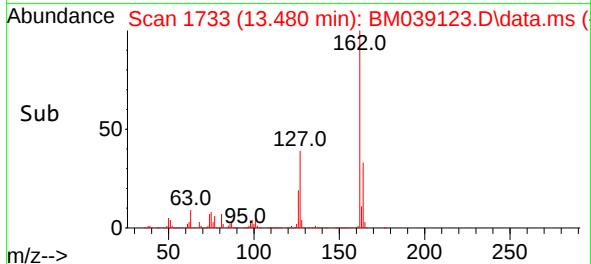
Instrument :
BNA_M
ClientSampleId :



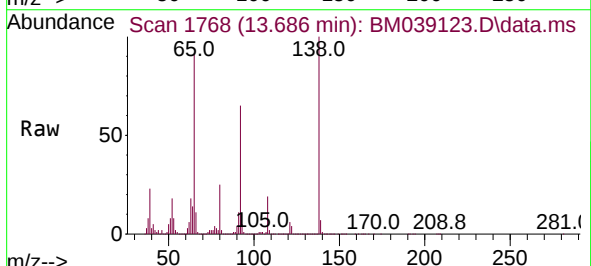
Tgt Ion:162 Resp: 1526922
Ion Ratio Lower Upper
162 100
127 39.0 32.1 48.1
164 32.7 26.2 39.4

Manual Integrations
APPROVED

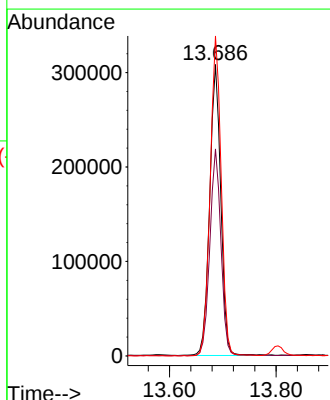
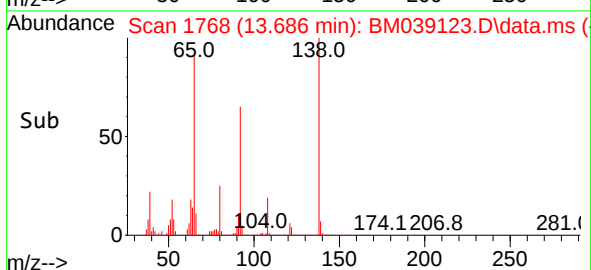
Reviewed By :Christian
Giraldo
03/24/2023
Supervised By :Jagrut
Upadhyay
03/24/2023

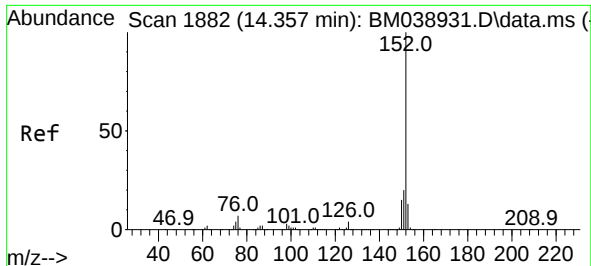


#48
2-Nitroaniline
Concen: 41.767 ng
RT: 13.686 min Scan# 1768
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26



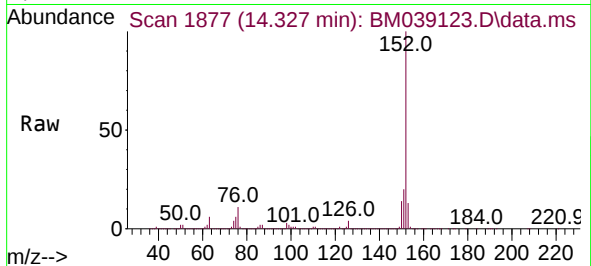
Tgt Ion: 65 Resp: 448717
Ion Ratio Lower Upper
65 100
92 71.0 54.9 82.3
138 109.9 81.6 122.4





#49
Acenaphthylene
Concen: 44.579 ng
RT: 14.327 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

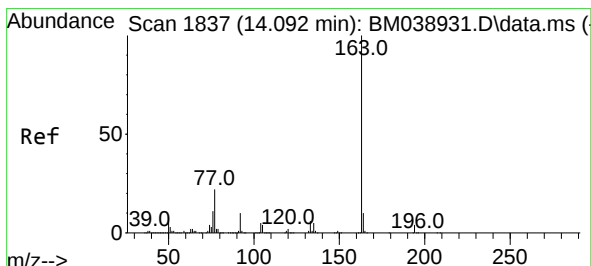
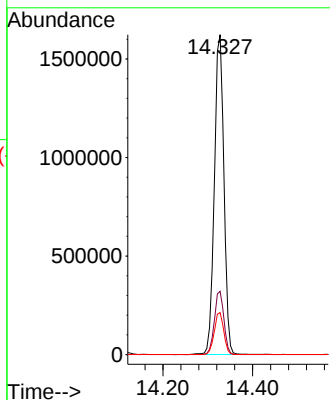
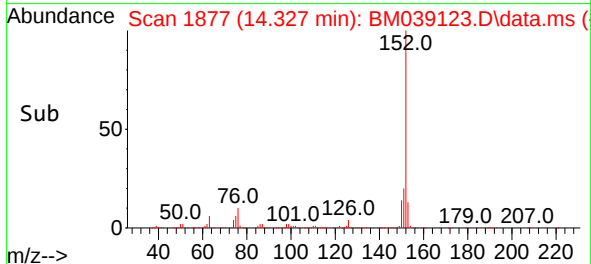
Instrument :
BNA_M
ClientSampleId :



Tgt Ion:152 Resp: 2399991
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.1 10.4 15.6

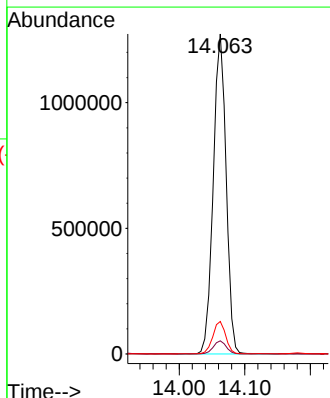
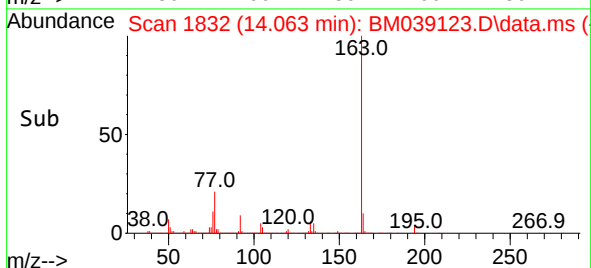
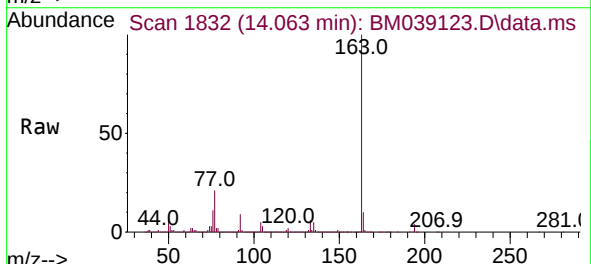
Manual Integrations
APPROVED

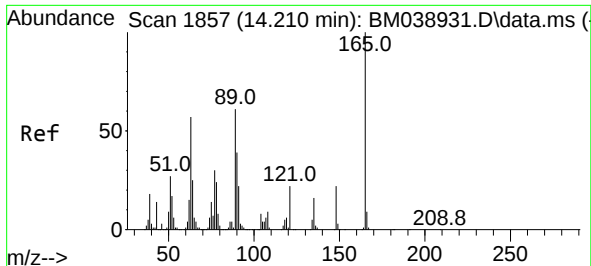
Reviewed By :Christian
Giraldo
03/24/2023
Supervised By :Jagrut
Upadhyay
03/24/2023



#50
Dimethylphthalate
Concen: 42.697 ng
RT: 14.063 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

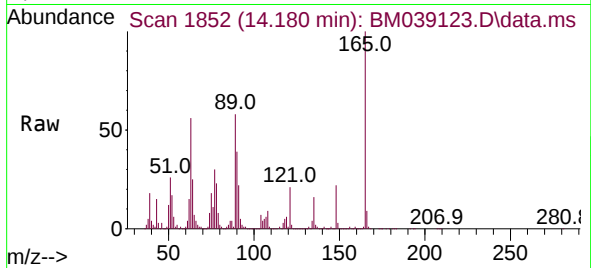
Tgt Ion:163 Resp: 1738250
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.1 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 42.222 ng
RT: 14.180 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

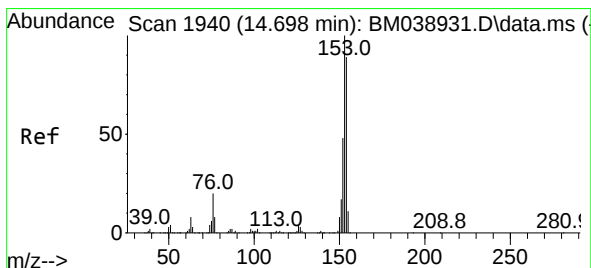
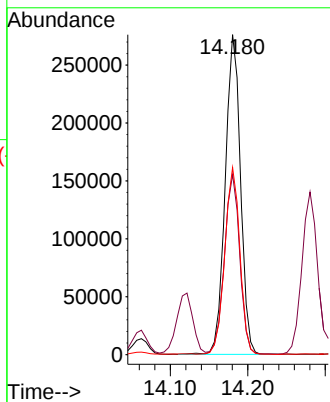
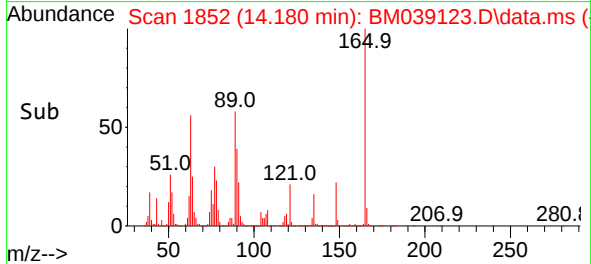
Instrument :
BNA_M
ClientSampleId :



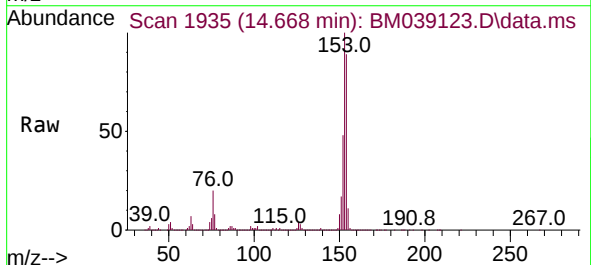
Tgt Ion:165 Resp: 378514
Ion Ratio Lower Upper
165 100
63 56.3 46.6 70.0
89 58.5 48.6 73.0

Manual Integrations
APPROVED

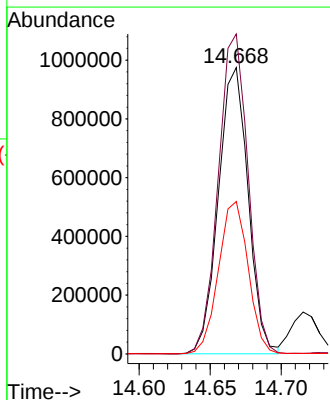
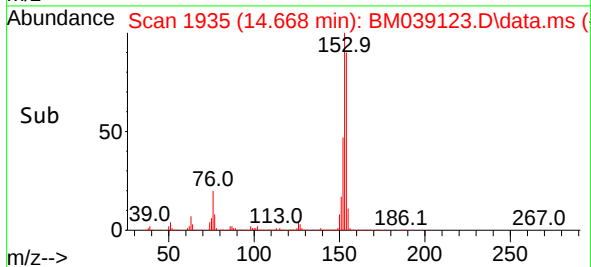
Reviewed By :Christian
Giraldo
03/24/2023
Supervised By :Jagrut
Upadhyay
03/24/2023

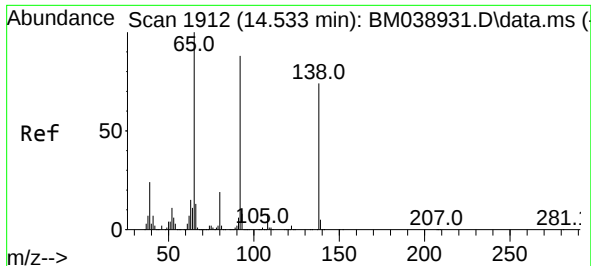


#52
Acenaphthene
Concen: 42.927 ng
RT: 14.668 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26



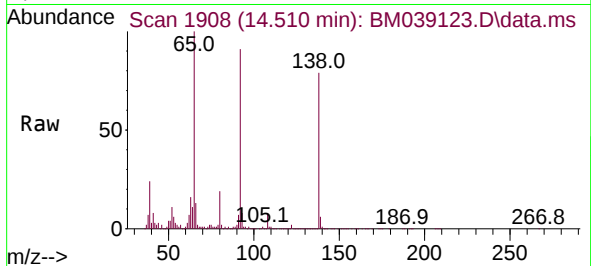
Tgt Ion:154 Resp: 1420299
Ion Ratio Lower Upper
154 100
153 111.7 90.2 135.2
152 53.2 43.4 65.2





#53
3-Nitroaniline
Concen: 29.200 ng
RT: 14.510 min Scan# 1908
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

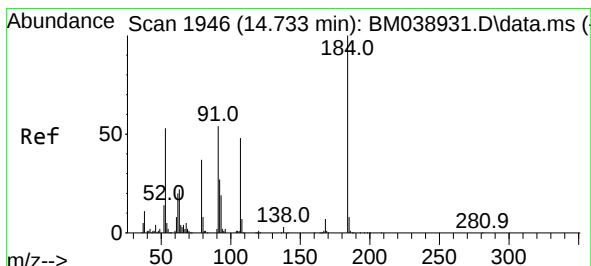
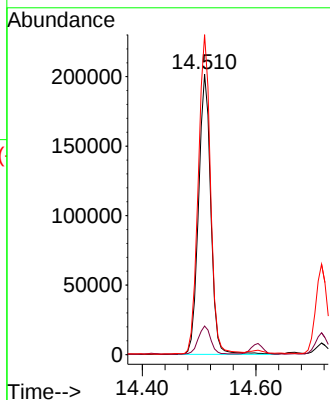
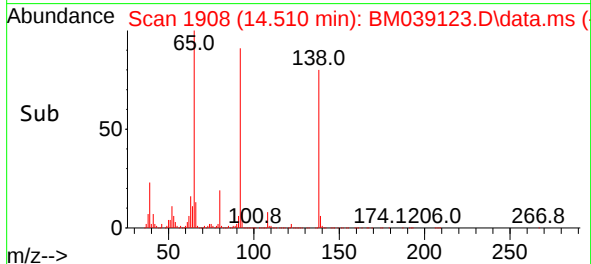
Instrument :
BNA_M
ClientSampleId :



Tgt Ion:138 Resp: 300556
Ion Ratio Lower Upper
138 100
108 10.2 8.3 12.5
92 114.1 95.8 143.8

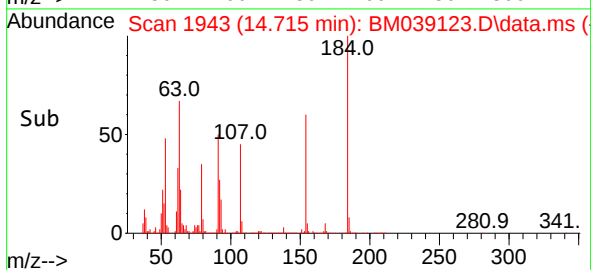
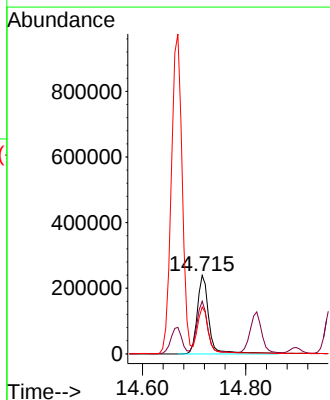
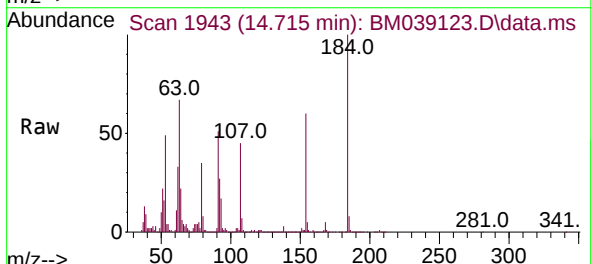
Manual Integrations
APPROVED

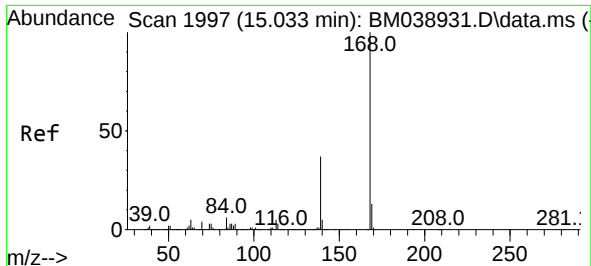
Reviewed By :Christian
Giraldo
03/24/2023
Supervised By :Jagrut
Upadhyay
03/24/2023



#54
2,4-Dinitrophenol
Concen: 72.933 ng
RT: 14.715 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

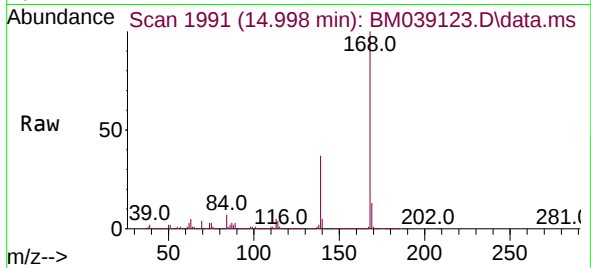
Tgt Ion:184 Resp: 374891
Ion Ratio Lower Upper
184 100
63 67.0 60.6 90.8
154 59.7 51.4 77.2





#55
Dibenzofuran
Concen: 42.666 ng
RT: 14.998 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

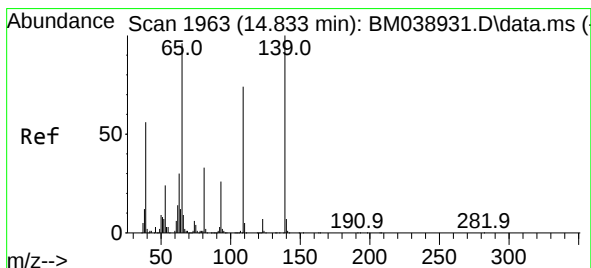
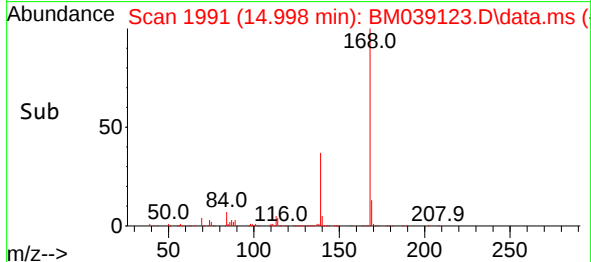
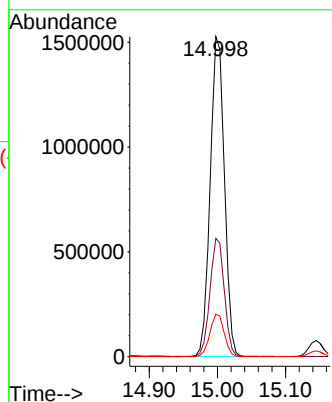
Instrument :
BNA_M
ClientSampleId :



Tgt Ion:168 Resp: 2209000
Ion Ratio Lower Upper
168 100
139 37.0 29.9 44.9
169 13.3 10.7 16.1

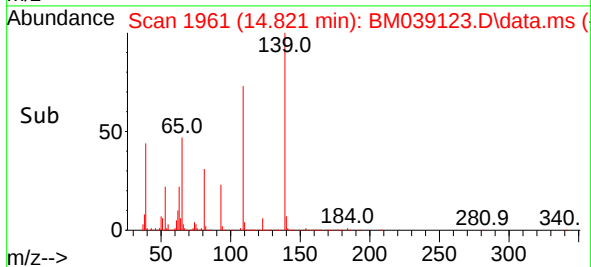
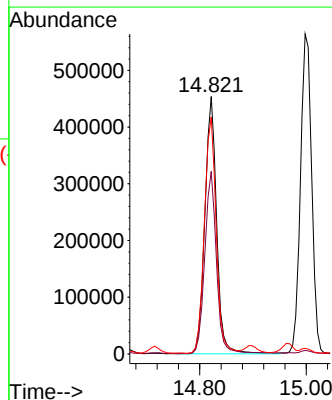
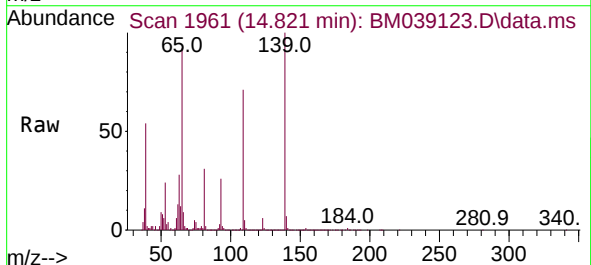
Manual Integrations
APPROVED

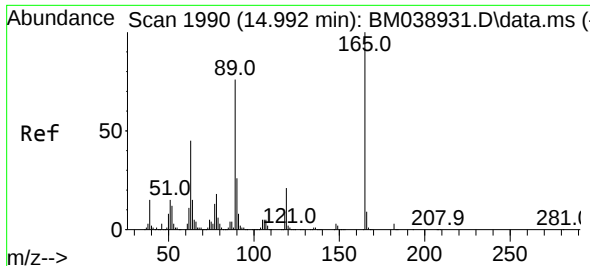
Reviewed By :Christian
Giraldo
03/24/2023
Supervised By :Jagrut
Upadhyay
03/24/2023



#56
4-Nitrophenol
Concen: 85.679 ng
RT: 14.821 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

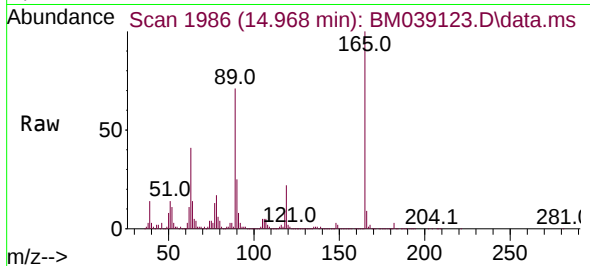
Tgt Ion:139 Resp: 692759
Ion Ratio Lower Upper
139 100
109 70.9 53.5 93.5
65 92.1 76.4 116.4





#57
2,4-Dinitrotoluene
Concen: 42.269 ng
RT: 14.968 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

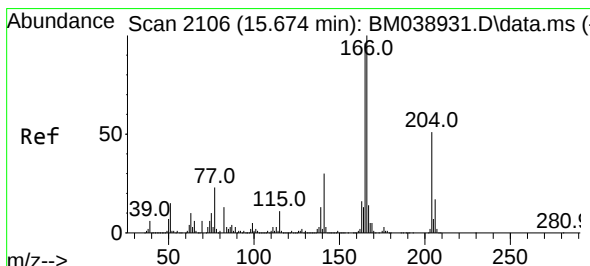
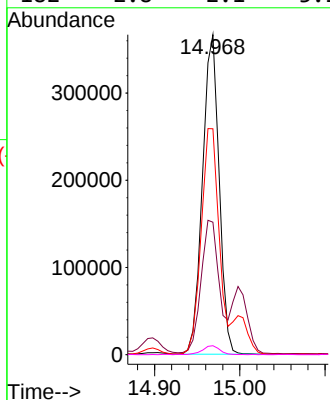
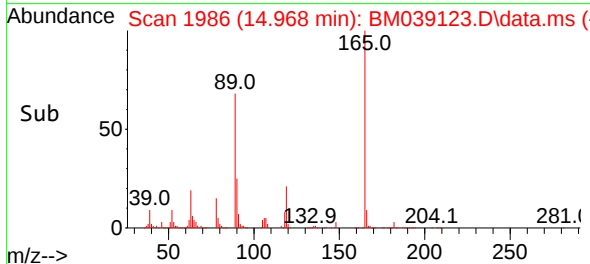
Instrument :
BNA_M
ClientSampleId :



Tgt Ion:165 Resp: 497785
Ion Ratio Lower Upper
165 100
63 41.4 35.9 53.9
89 70.6 61.0 91.6
182 2.8 2.1 3.1

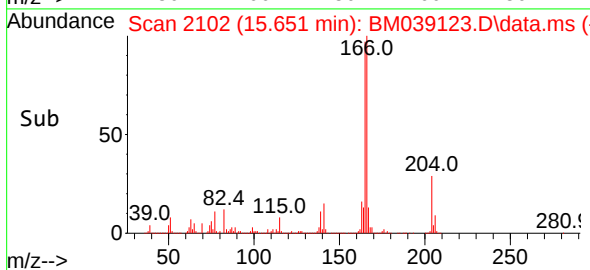
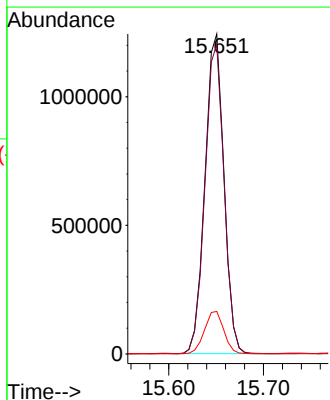
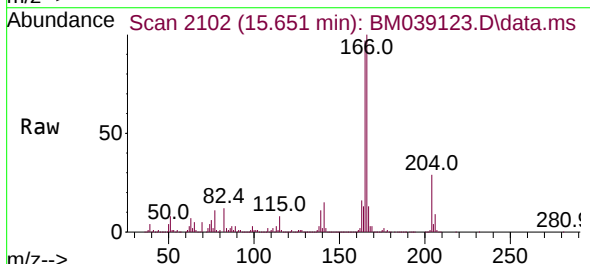
Manual Integrations
APPROVED

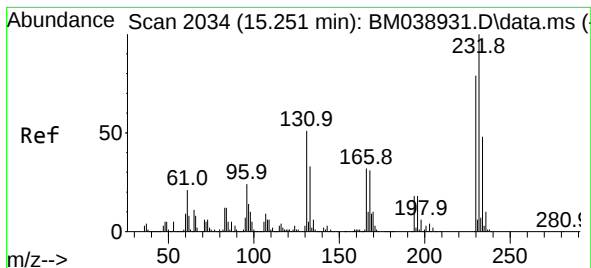
Reviewed By :Christian
Giraldo
03/24/2023
Supervised By :Jagrut
Upadhyay
03/24/2023



#58
Fluorene
Concen: 42.776 ng
RT: 15.651 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

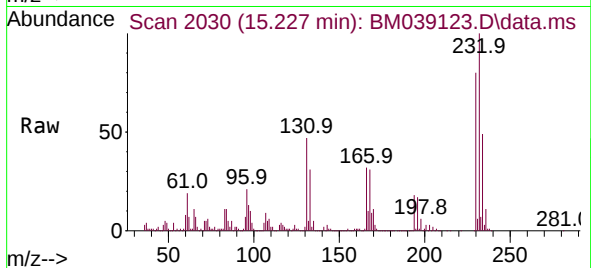
Tgt Ion:166 Resp: 1734832
Ion Ratio Lower Upper
166 100
165 96.8 77.1 115.7
167 13.3 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.087 ng
RT: 15.227 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

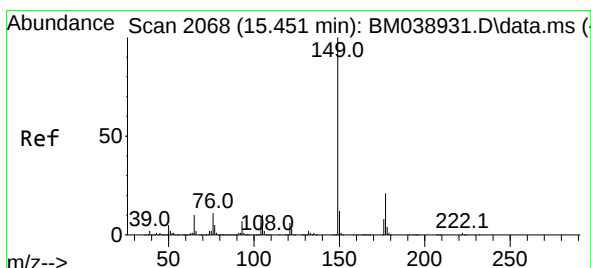
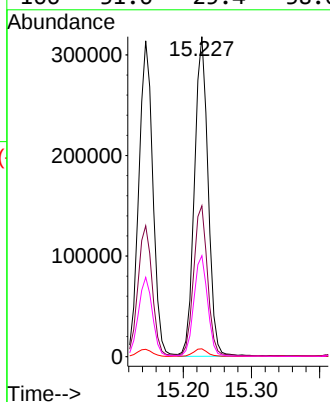
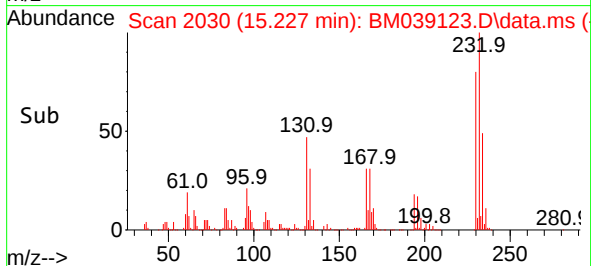
Instrument :
BNA_M
ClientSampleId :



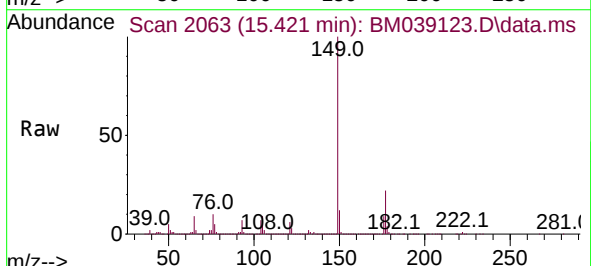
Tgt Ion:232 Resp: 443263
Ion Ratio Lower Upper
232 100
131 47.4 40.0 60.0
130 2.5 2.0 3.0
166 31.6 25.4 38.0

Manual Integrations
APPROVED

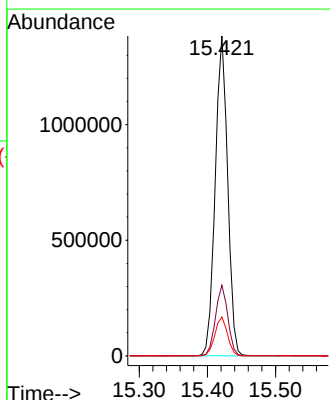
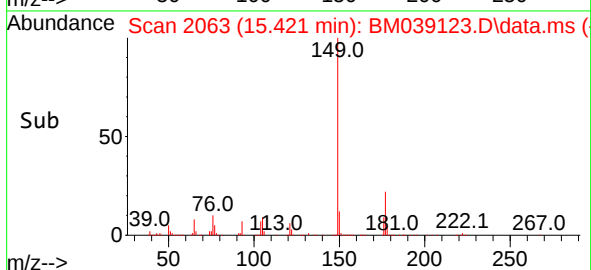
Reviewed By :Christian
Giraldo
03/24/2023
Supervised By :Jagrut
Upadhyay
03/24/2023

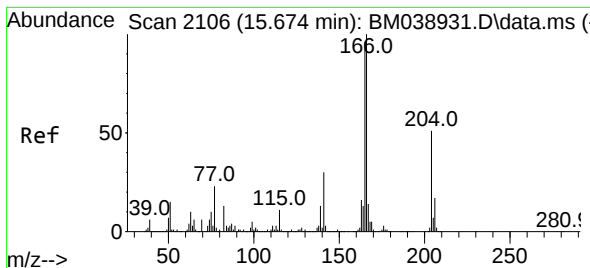


#60
Diethylphthalate
Concen: 44.000 ng
RT: 15.421 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26



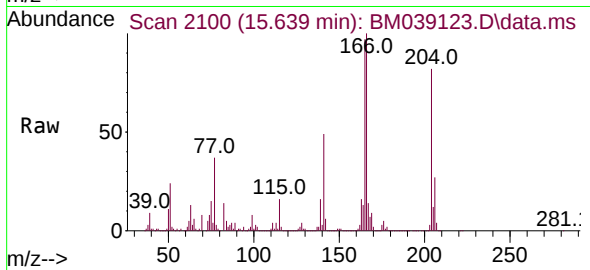
Tgt Ion:149 Resp: 1742980
Ion Ratio Lower Upper
149 100
177 22.1 17.1 25.7
150 12.2 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 41.616 ng
RT: 15.639 min Scan# 2106
Delta R.T. -0.012 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

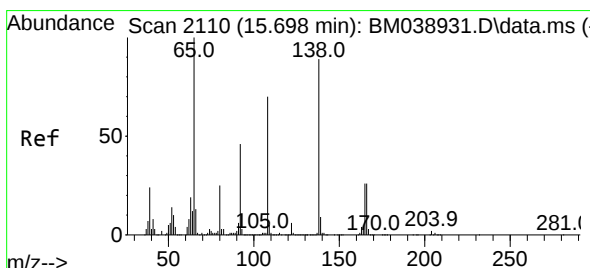
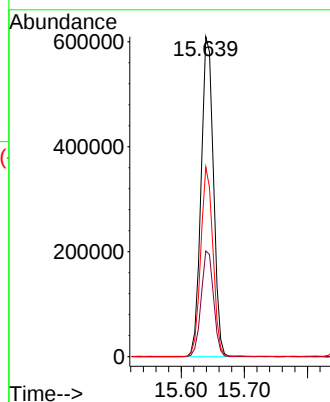
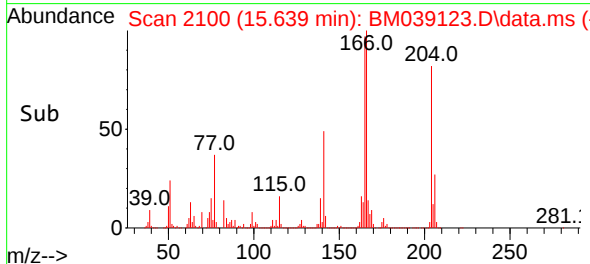
Instrument :
BNA_M
ClientSampleId :



Tgt Ion:204 Resp: 829176
Ion Ratio Lower Upper
204 100
206 33.0 26.4 39.6
141 59.3 46.4 69.6

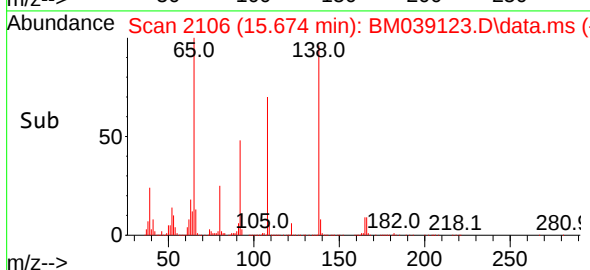
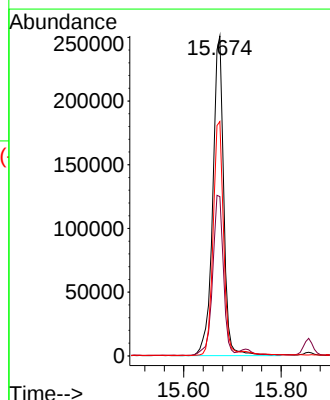
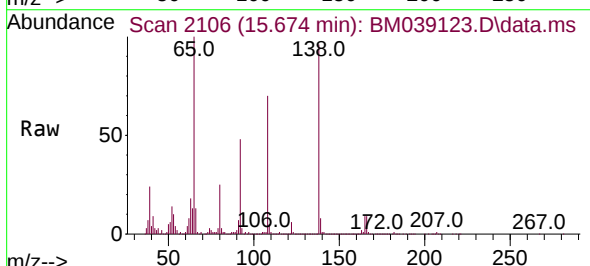
Manual Integrations
APPROVED

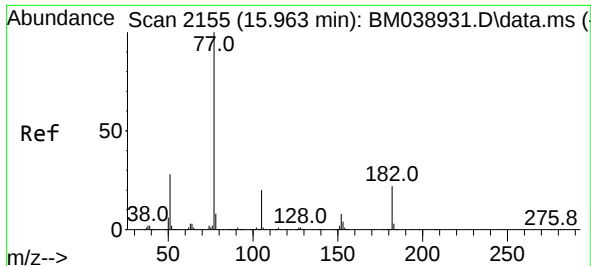
Reviewed By :Christian
Giraldo
03/24/2023
Supervised By :Jagrut
Upadhyay
03/24/2023



#62
4-Nitroaniline
Concen: 37.143 ng
RT: 15.674 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

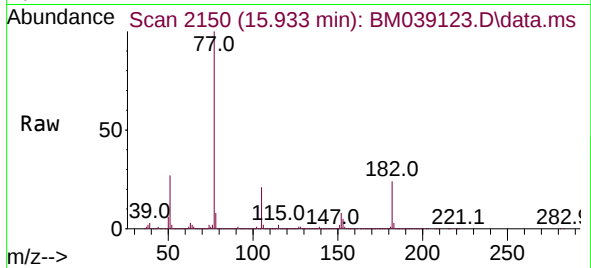
Tgt Ion:138 Resp: 393522
Ion Ratio Lower Upper
138 100
92 49.8 31.6 71.6
108 73.2 58.6 98.6





#63
Azobenzene
Concen: 45.266 ng
RT: 15.933 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

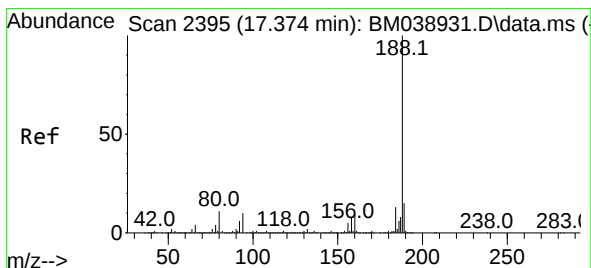
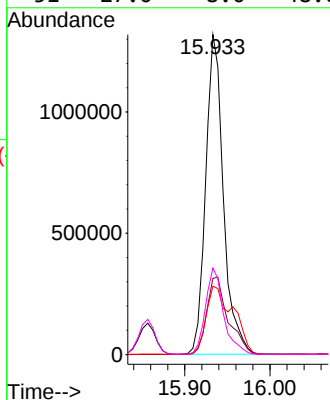
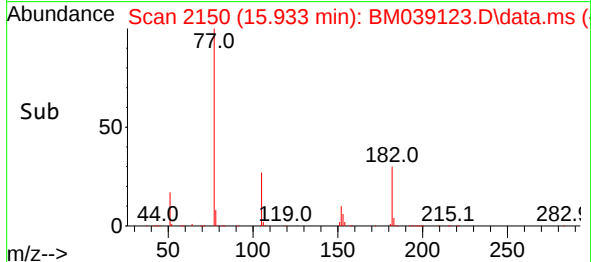
Instrument :
BNA_M
ClientSampleId :



Tgt Ion: 77 Resp: 1897336
Ion Ratio Lower Upper
77 100
182 23.8 2.0 42.0
105 21.4 0.4 40.4
51 27.0 8.0 48.0

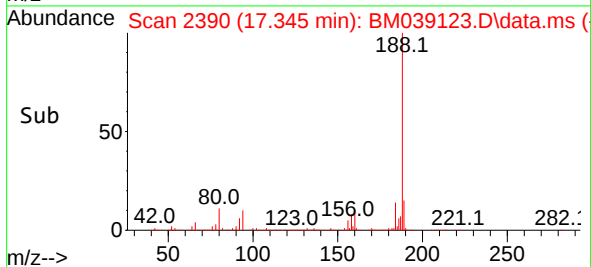
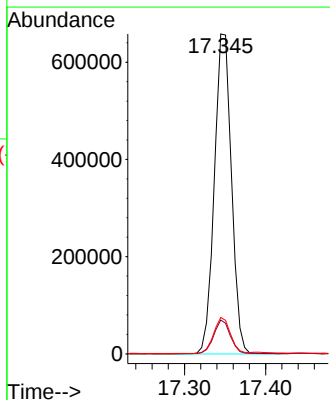
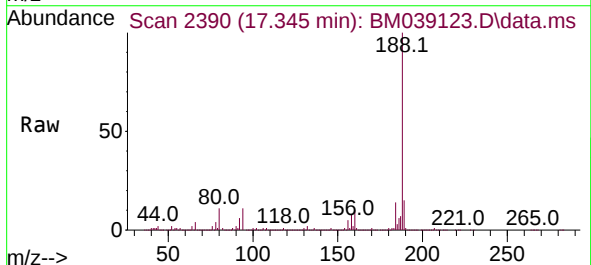
Manual Integrations
APPROVED

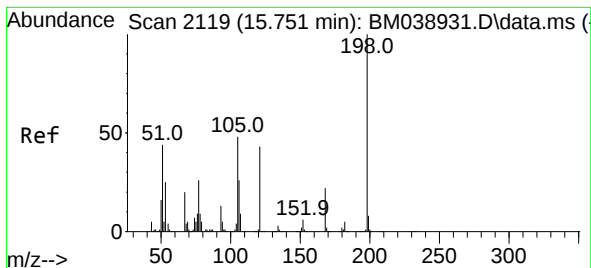
Reviewed By :Christian
Giraldo
03/24/2023
Supervised By :Jagrut
Upadhyay
03/24/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.345 min Scan# 2390
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

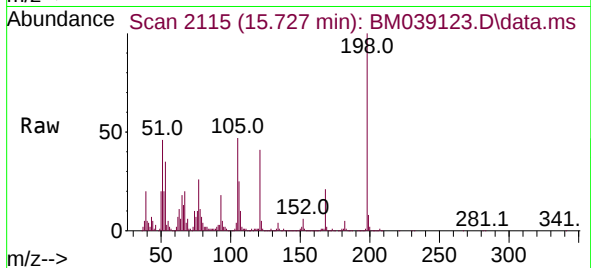
Tgt Ion:188 Resp: 962549
Ion Ratio Lower Upper
188 100
94 10.6 7.9 11.9
80 11.4 8.5 12.7





#65
4,6-Dinitro-2-methylphenol
Concen: 41.522 ng
RT: 15.727 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

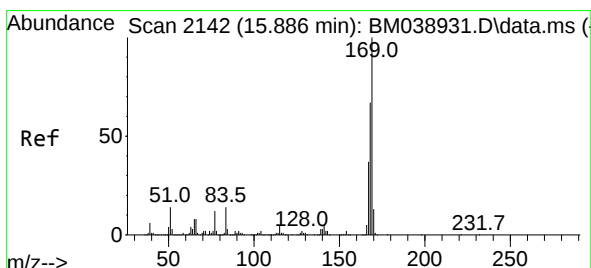
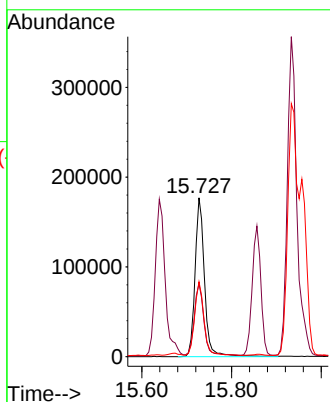
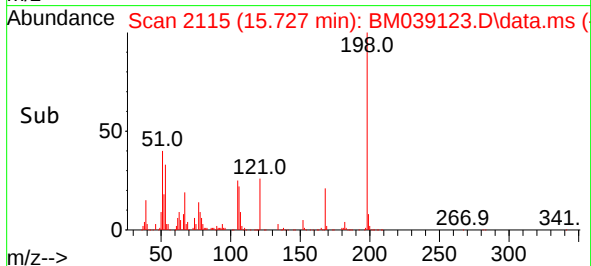
Instrument :
BNA_M
ClientSampleId :



Tgt Ion:198 Resp: 257793
Ion Ratio Lower Upper
198 100
51 45.9 30.1 70.1
105 47.1 29.3 69.3

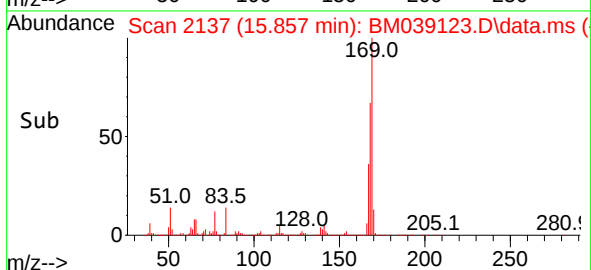
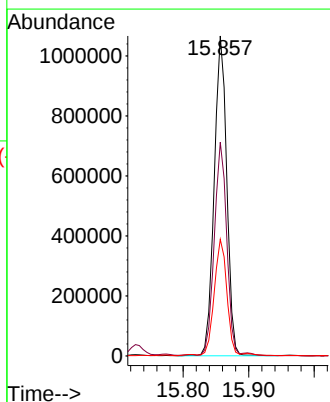
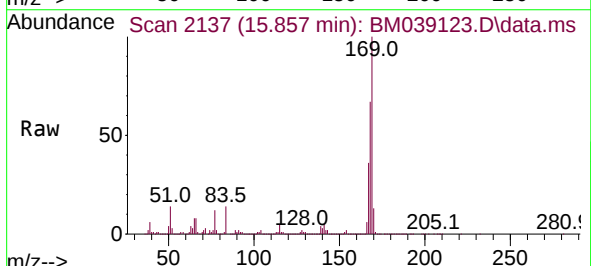
Manual Integrations
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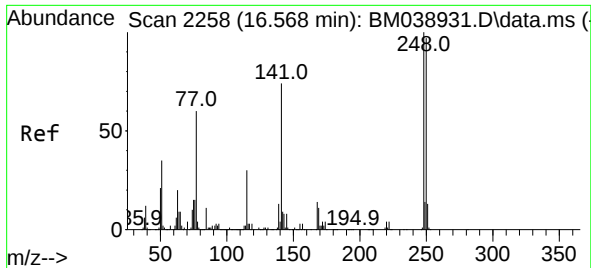
Reviewed By :Christian
Giraldo
03/24/2023
Supervised By :Jagrut
Upadhyay
03/24/2023



#66
n-Nitrosodiphenylamine
Concen: 43.860 ng
RT: 15.857 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

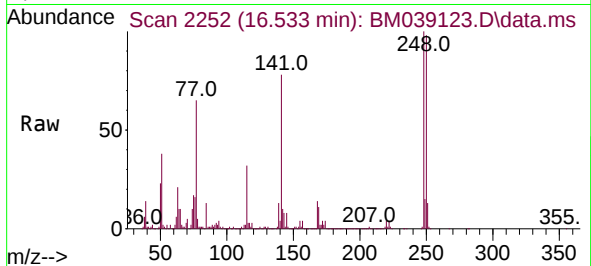
Tgt Ion:169 Resp: 1423233
Ion Ratio Lower Upper
169 100
168 66.8 53.4 80.0
167 36.4 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 46.499 ng
RT: 16.533 min Scan# 2252
Delta R.T. -0.012 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

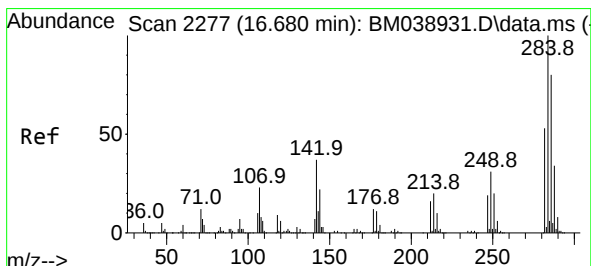
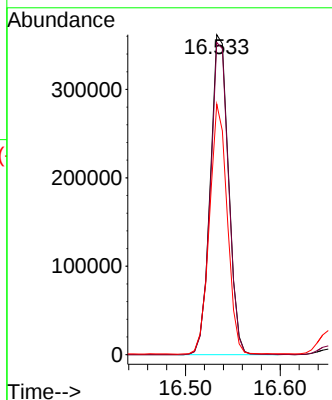
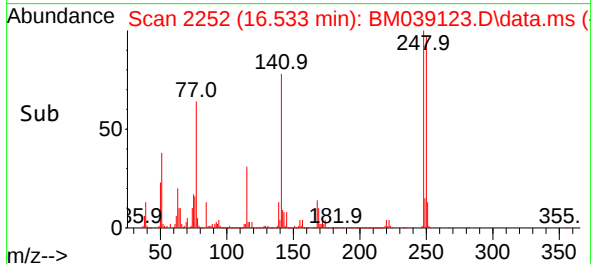
Instrument :
BNA_M
ClientSampleId :



Tgt Ion:248 Resp: 483435
Ion Ratio Lower Upper
248 100
250 97.5 77.8 116.8
141 78.3 59.0 88.4

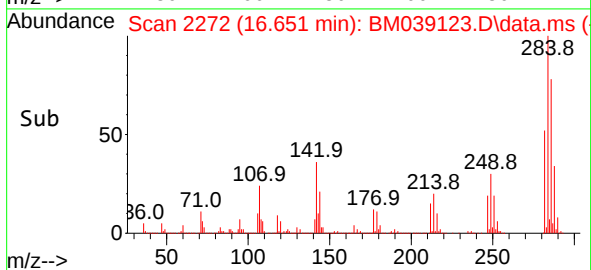
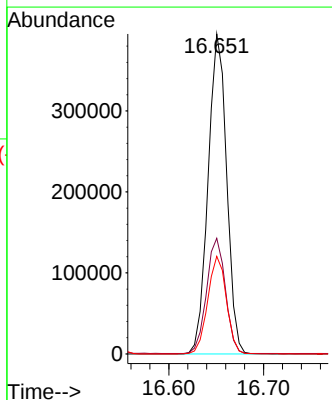
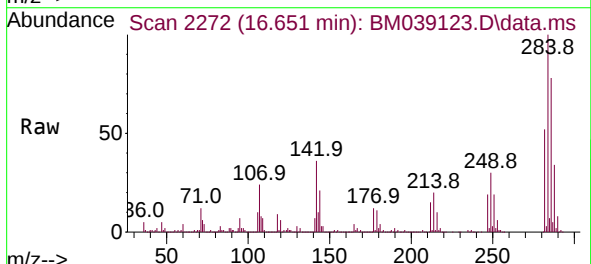
Manual Integrations
APPROVED

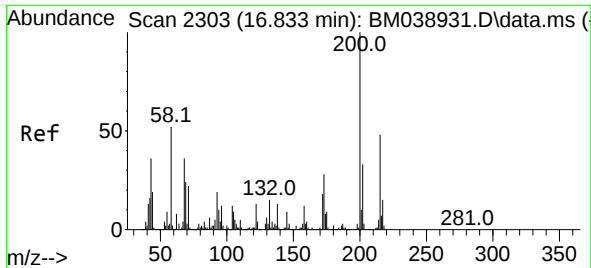
Reviewed By :Christian
Giraldo
03/24/2023
Supervised By :Jagrut
Upadhyay
03/24/2023



#68
Hexachlorobenzene
Concen: 46.329 ng
RT: 16.651 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

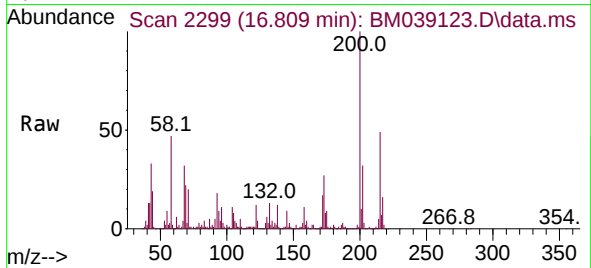
Tgt Ion:284 Resp: 538447
Ion Ratio Lower Upper
284 100
142 36.1 29.5 44.3
249 30.5 25.0 37.4





#69
 Atrazine
 Concen: 51.141 ng
 RT: 16.809 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM039123.D
 Acq: 23 Mar 2023 19:26

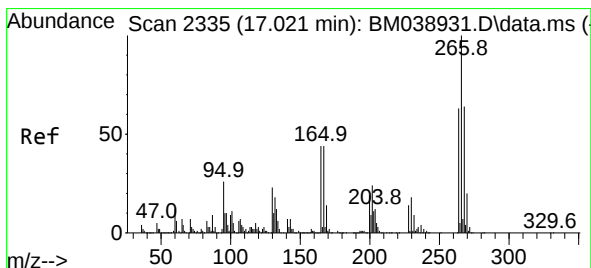
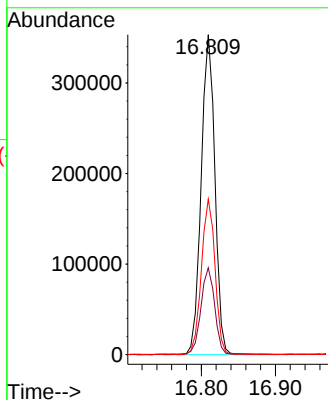
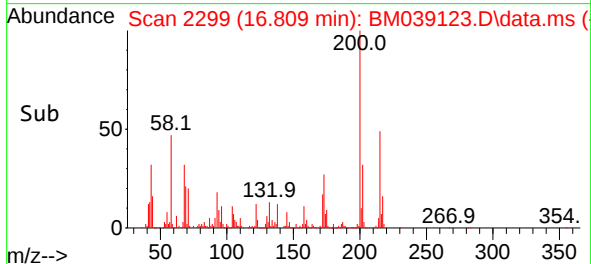
Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:200 Resp: 453280
 Ion Ratio Lower Upper
 200 100
 173 27.1 8.2 48.2
 215 48.6 27.8 67.8

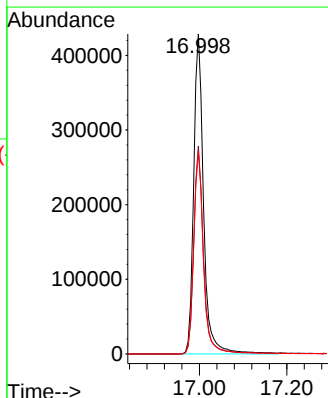
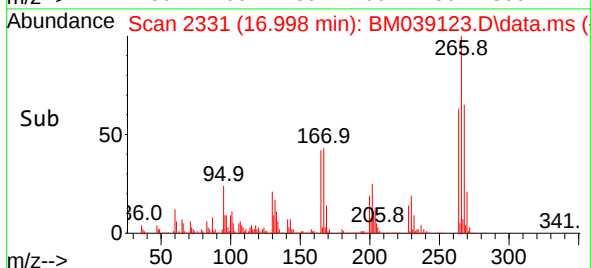
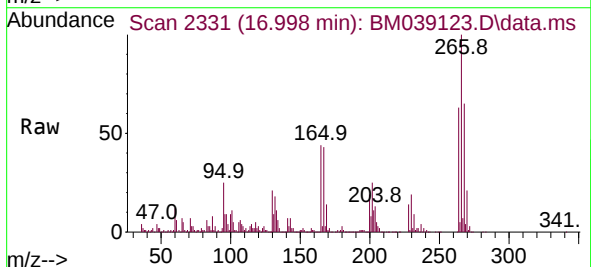
Manual Integrations
 APPROVED

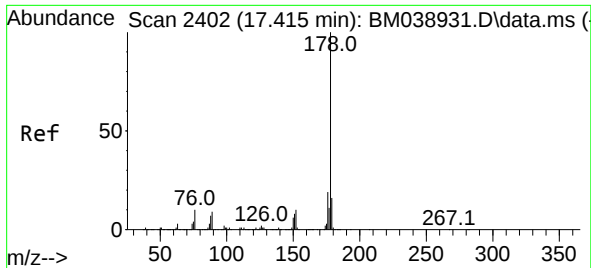
Reviewed By :Christian
 Giraldo
 03/24/2023
 Supervised By :Jagrut
 Upadhyay
 03/24/2023



#70
 Pentachlorophenol
 Concen: 79.095 ng
 RT: 16.998 min Scan# 2331
 Delta R.T. -0.000 min
 Lab File: BM039123.D
 Acq: 23 Mar 2023 19:26

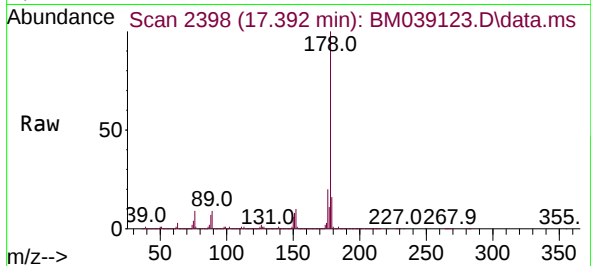
Tgt Ion:266 Resp: 676122
 Ion Ratio Lower Upper
 266 100
 268 65.0 51.0 76.4
 264 63.3 50.3 75.5





#71
Phenanthrene
Concen: 58.781 ng
RT: 17.392 min Scan# 2402
Delta R.T. -0.000 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

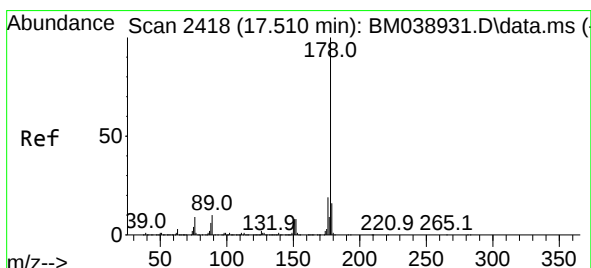
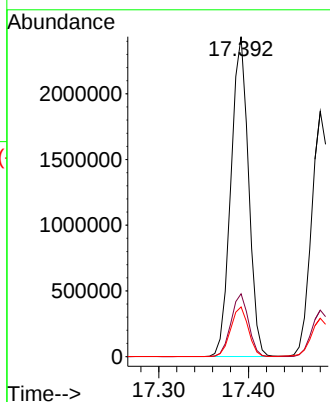
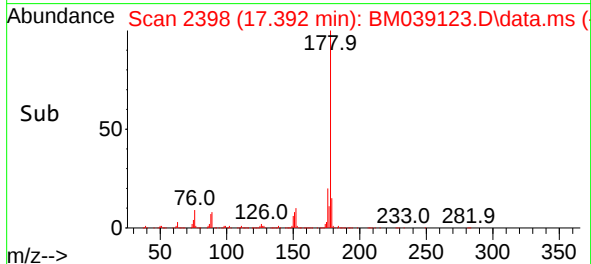
Instrument :
BNA_M
ClientSampleId :



Tgt Ion:178 Resp: 332071
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.5 12.5 18.7

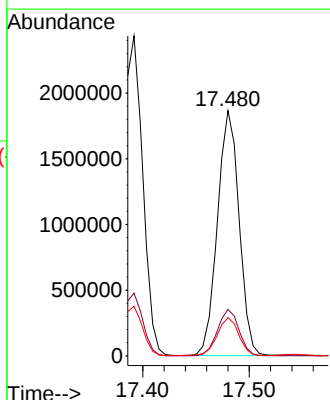
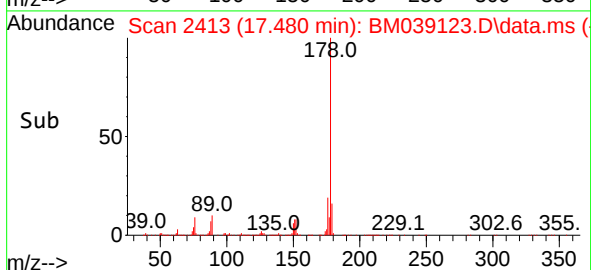
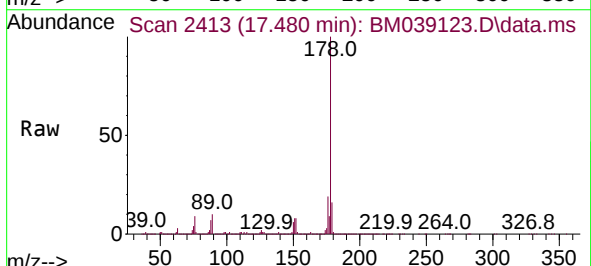
Manual Integrations
APPROVED

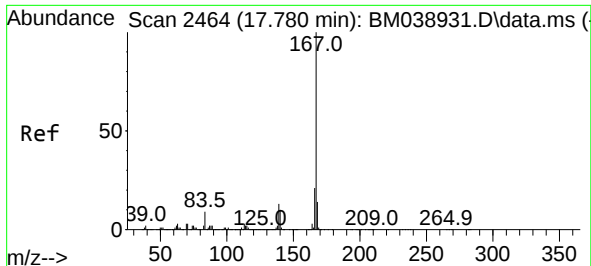
Reviewed By :Christian
Giraldo
03/24/2023
Supervised By :Jagrut
Upadhyay
03/24/2023



#72
Anthracene
Concen: 46.753 ng
RT: 17.480 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

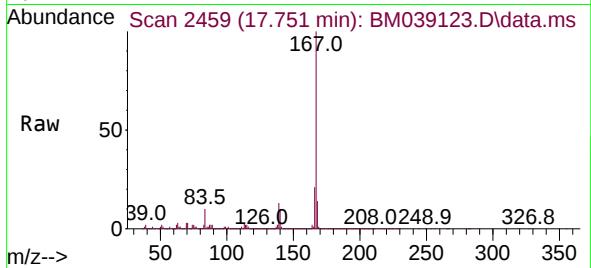
Tgt Ion:178 Resp: 2633943
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.6 12.5 18.7





#73
 Carbazole
 Concen: 44.124 ng
 RT: 17.751 min Scan# 24
 Delta R.T. -0.006 min
 Lab File: BM039123.D
 Acq: 23 Mar 2023 19:26

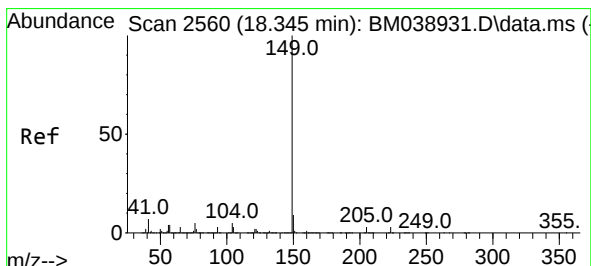
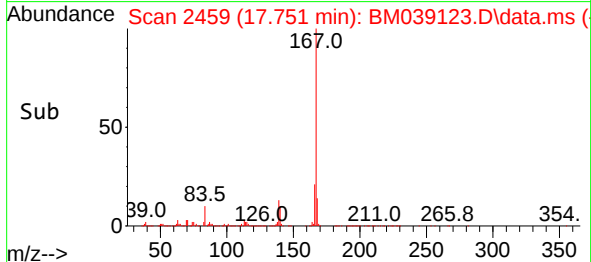
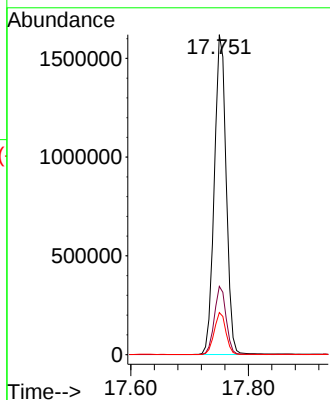
Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:167 Resp: 2268724
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.4
 139 13.1 10.3 15.5

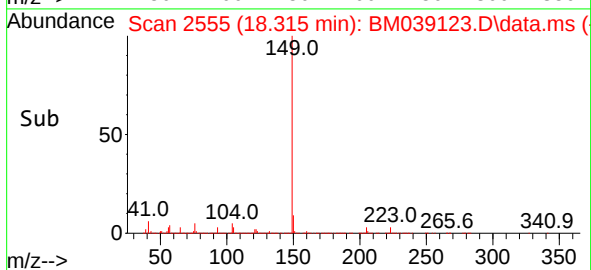
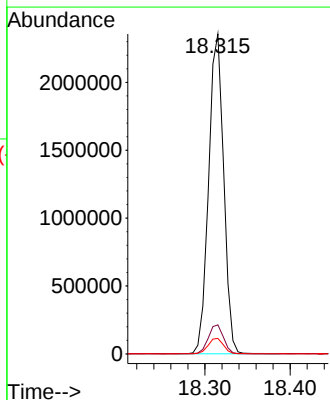
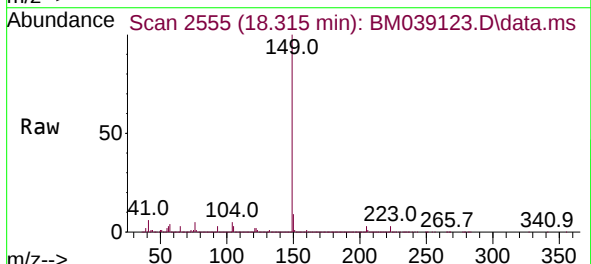
Manual Integrations
 APPROVED

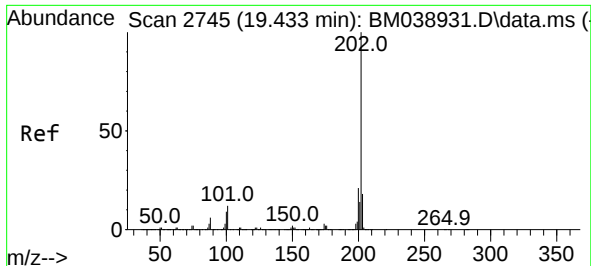
Reviewed By :Christian
 Giraldo
 03/24/2023
 Supervised By :Jagrut
 Upadhyay
 03/24/2023



#74
 Di-n-butylphthalate
 Concen: 46.123 ng
 RT: 18.315 min Scan# 2555
 Delta R.T. -0.006 min
 Lab File: BM039123.D
 Acq: 23 Mar 2023 19:26

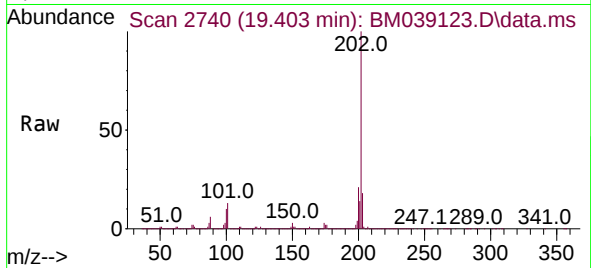
Tgt Ion:149 Resp: 2887922
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.8 4.3 6.5





#75
Fluoranthene
Concen: 63.686 ng
RT: 19.403 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

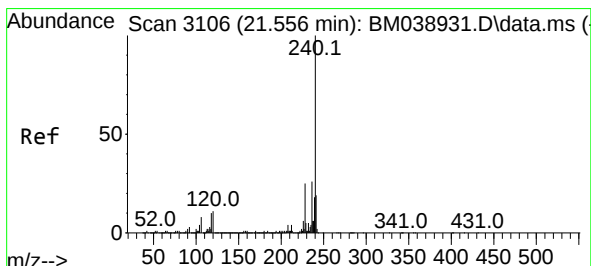
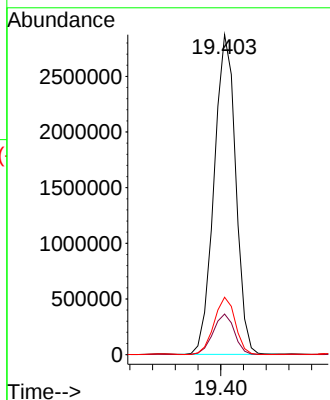
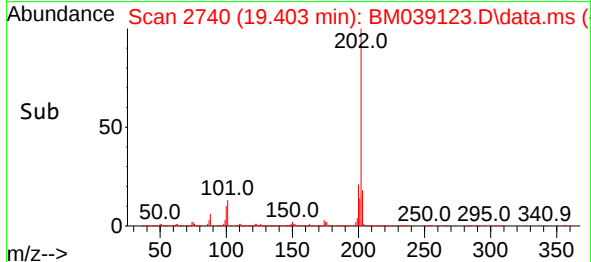
Instrument :
BNA_M
ClientSampleId :



Tgt Ion:202 Resp: 3798692
Ion Ratio Lower Upper
202 100
101 12.7 0.0 31.7
203 17.9 0.0 37.6

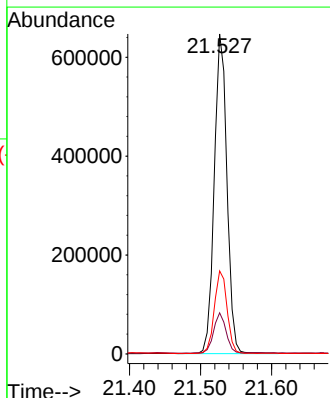
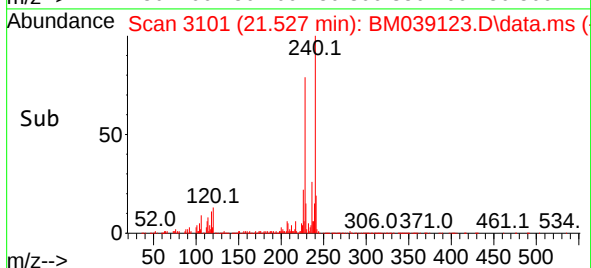
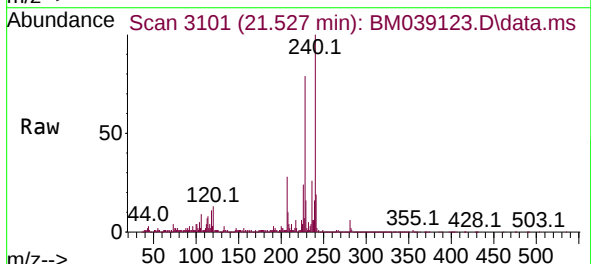
Manual Integrations
APPROVED

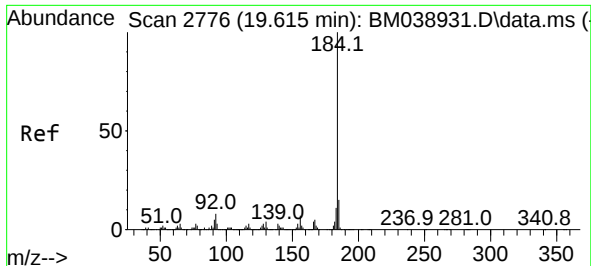
Reviewed By :Christian
Giraldo
03/24/2023
Supervised By :Jagrut
Upadhyay
03/24/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.527 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

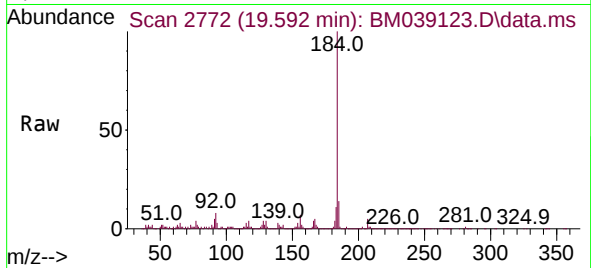
Tgt Ion:240 Resp: 804597
Ion Ratio Lower Upper
240 100
120 12.8 9.2 13.8
236 25.9 20.8 31.2





#77
Benzidine
Concen: 57.426 ng
RT: 19.592 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

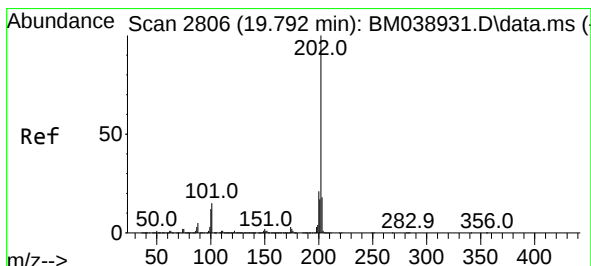
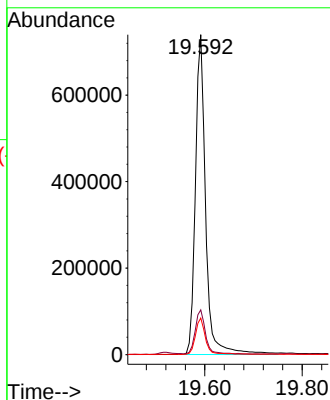
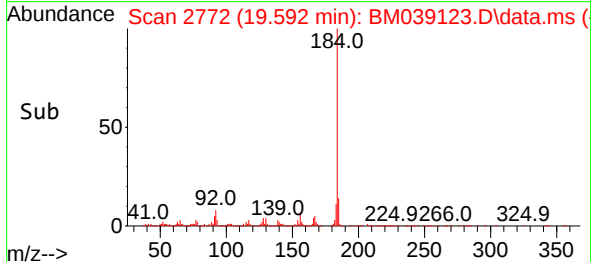
Instrument :
BNA_M
ClientSampleId :



Tgt Ion:184 Resp: 107275
Ion Ratio Lower Upper
184 100
185 14.0 12.2 18.4
183 11.4 8.8 13.2

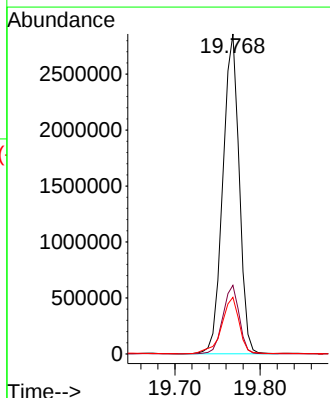
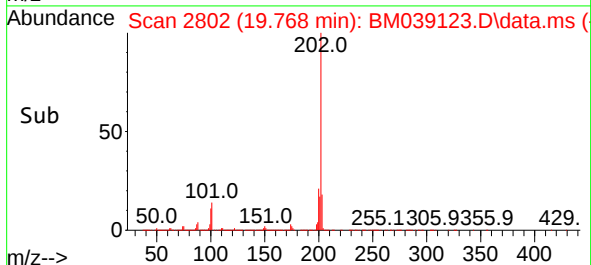
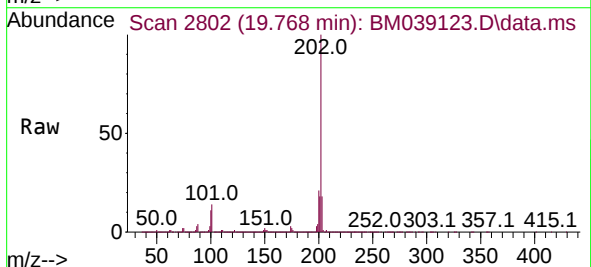
Manual Integrations
APPROVED

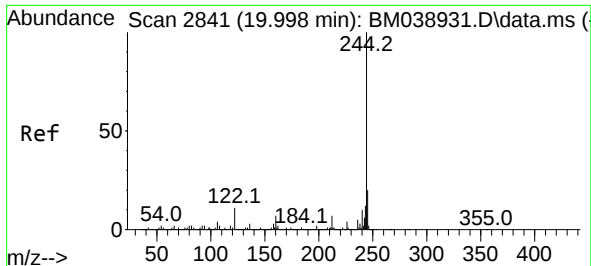
Reviewed By :Christian
Giraldo
03/24/2023
Supervised By :Jagrut
Upadhyay
03/24/2023



#78
Pyrene
Concen: 63.006 ng
RT: 19.768 min Scan# 2802
Delta R.T. -0.000 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

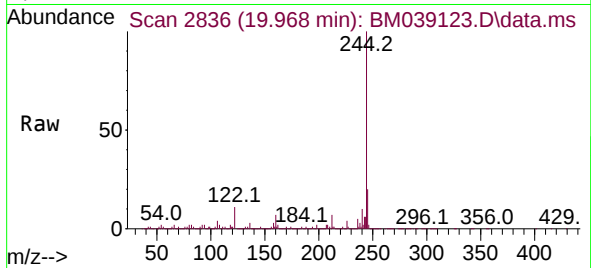
Tgt Ion:202 Resp: 3807560
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 17.7 14.1 21.1





#79
 Terphenyl-d14
 Concen: 71.077 ng
 RT: 19.968 min Scan# 2841
 Delta R.T. -0.000 min
 Lab File: BM039123.D
 Acq: 23 Mar 2023 19:26

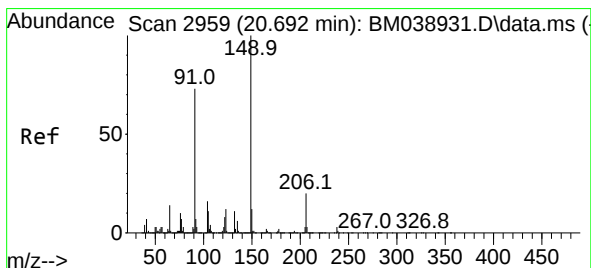
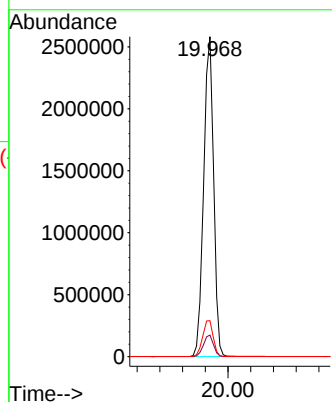
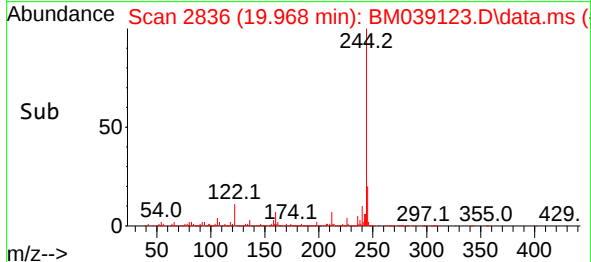
Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:244 Resp: 3127882
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 11.2 9.0 13.4

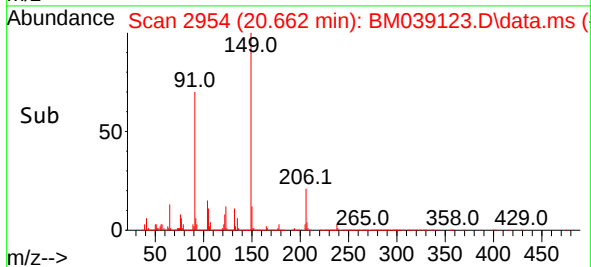
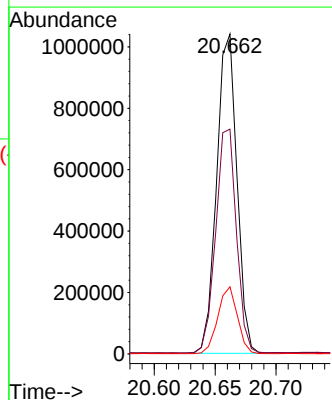
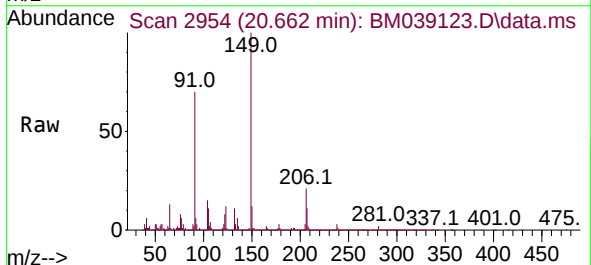
Manual Integrations
 APPROVED

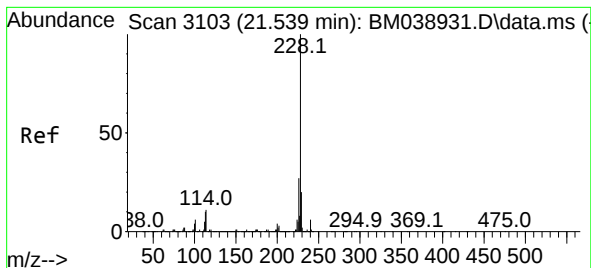
Reviewed By :Christian
 Giraldo
 03/24/2023
 Supervised By :Jagrut
 Upadhyay
 03/24/2023



#80
 Butylbenzylphthalate
 Concen: 47.033 ng
 RT: 20.662 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: BM039123.D
 Acq: 23 Mar 2023 19:26

Tgt Ion:149 Resp: 1206707
 Ion Ratio Lower Upper
 149 100
 91 70.2 58.4 87.6
 206 21.0 16.1 24.1





#81

Benzo(a)anthracene

Concen: 55.474 ng

RT: 21.515 min Scan# 30

Delta R.T. -0.000 min

Lab File: BM039123.D

Acq: 23 Mar 2023 19:26

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:228 Resp: 3214348

Ion Ratio Lower Upper

228 100

226 27.6 21.4 32.2

229 19.8 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Christian

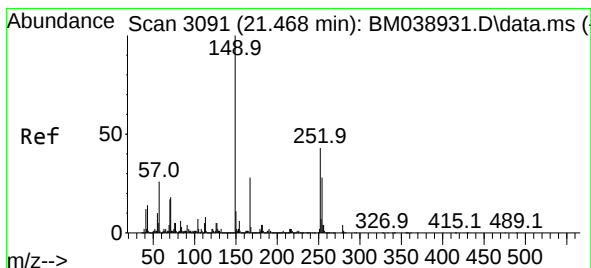
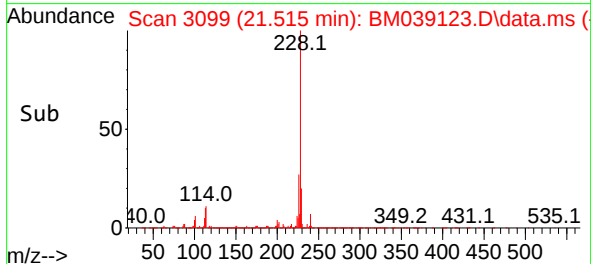
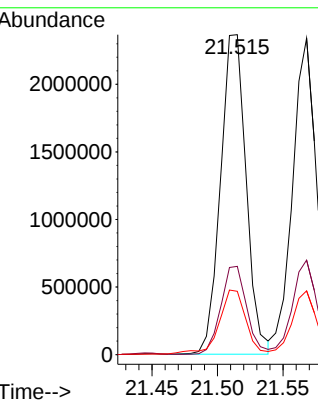
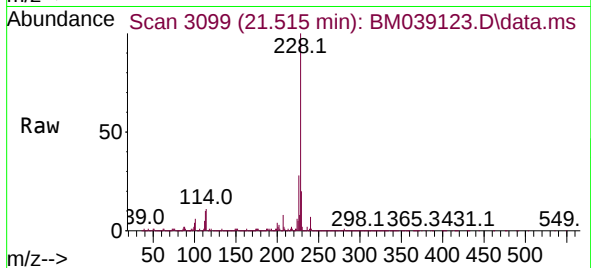
Giraldo

03/24/2023

Supervised By :Jagrut

Upadhyay

03/24/2023



#82

3,3'-Dichlorobenzidine

Concen: 47.135 ng

RT: 21.444 min Scan# 3087

Delta R.T. -0.000 min

Lab File: BM039123.D

Acq: 23 Mar 2023 19:26

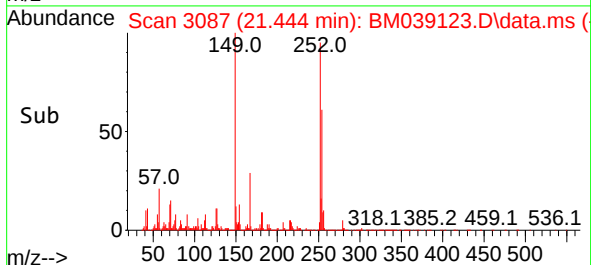
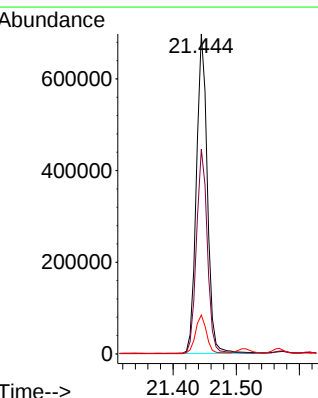
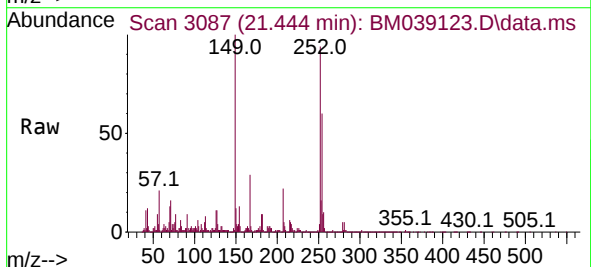
Tgt Ion:252 Resp: 839389

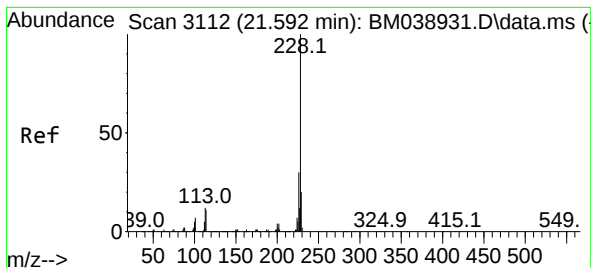
Ion Ratio Lower Upper

252 100

254 64.0 51.5 77.3

126 12.1 9.9 14.9





#83

Chrysene

Concen: 52.105 ng

RT: 21.568 min Scan# 3112

Delta R.T. -0.000 min

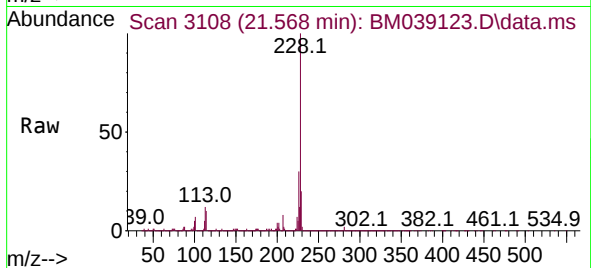
Lab File: BM039123.D

Acq: 23 Mar 2023 19:26

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:228 Resp: 2936336

Ion Ratio Lower Upper

228 100

226 29.9 24.0 36.0

229 20.1 16.0 24.0

Manual Integrations

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Reviewed By :Christian

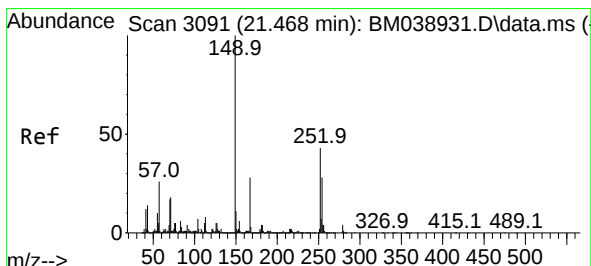
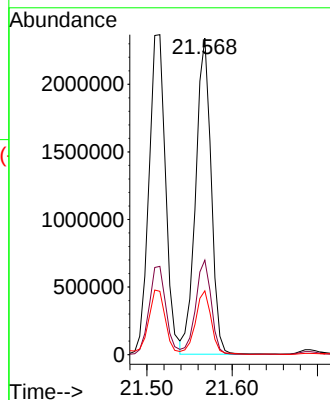
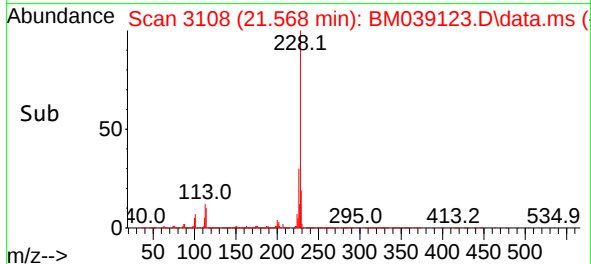
Giraldo

03/24/2023

Supervised By :Jagrut

Upadhyay

03/24/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.944 ng

RT: 21.433 min Scan# 3085

Delta R.T. -0.006 min

Lab File: BM039123.D

Acq: 23 Mar 2023 19:26

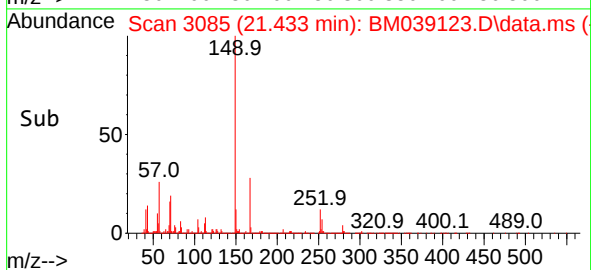
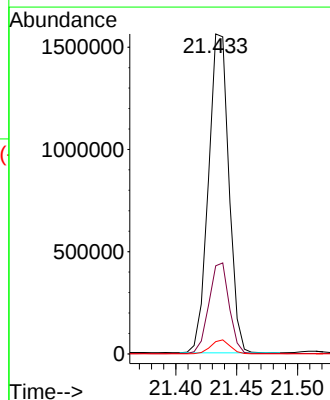
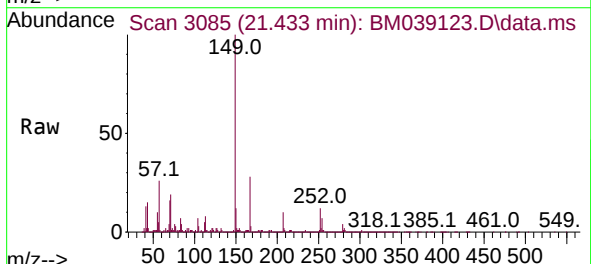
Tgt Ion:149 Resp: 1820319

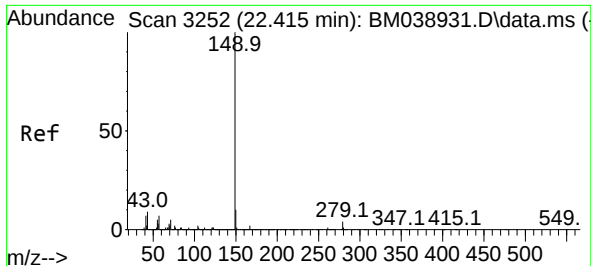
Ion Ratio Lower Upper

149 100

167 27.6 22.3 33.5

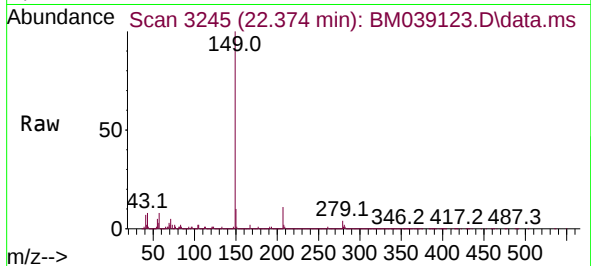
279 3.8 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 50.263 ng
RT: 22.374 min Scan# 311091
Delta R.T. -0.000 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

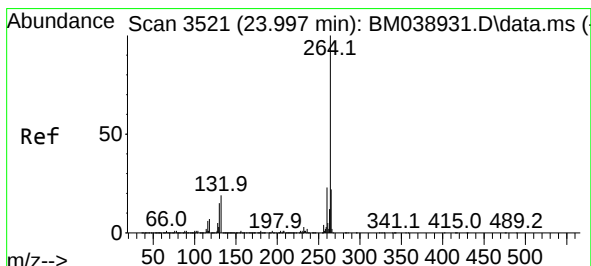
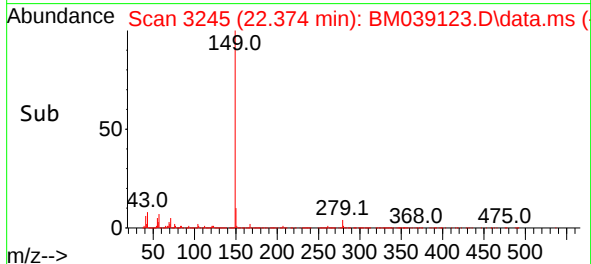
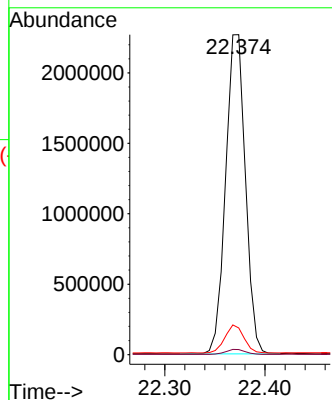
Instrument :
BNA_M
ClientSampleId :



Tgt Ion:149 Resp: 311091
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.4 7.4 11.2

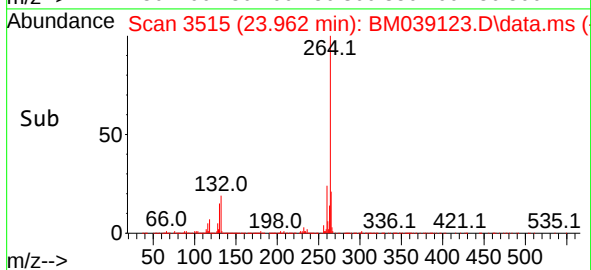
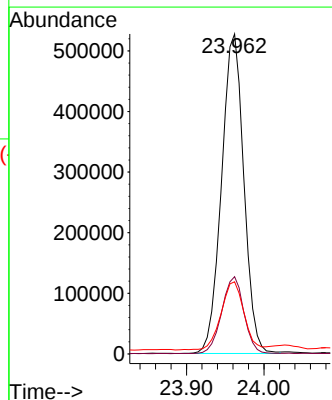
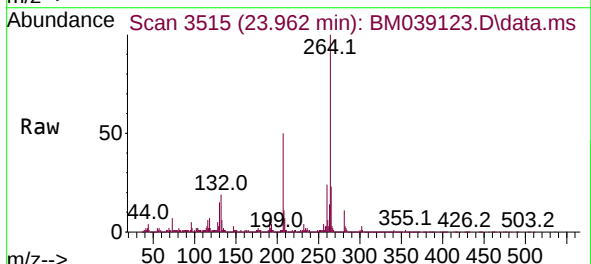
Manual Integrations
APPROVED

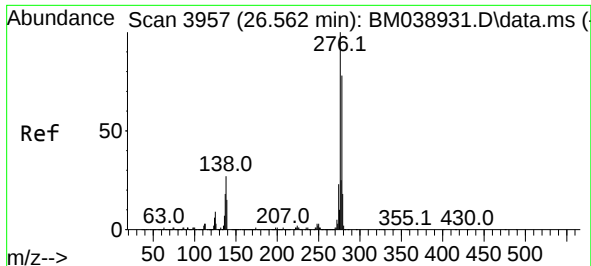
Reviewed By :Christian
Giraldo
03/24/2023
Supervised By :Jagrut
Upadhyay
03/24/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.962 min Scan# 3515
Delta R.T. -0.000 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

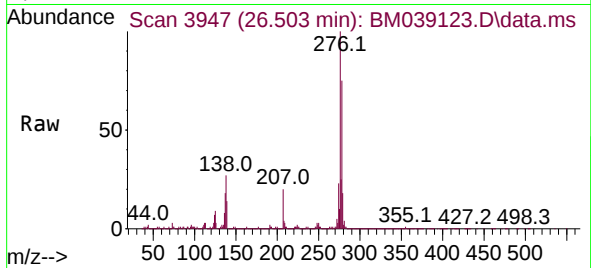
Tgt Ion:264 Resp: 1055293
Ion Ratio Lower Upper
264 100
260 24.1 18.7 28.1
265 22.5 17.9 26.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 53.262 ng
RT: 26.503 min Scan# 3957
Delta R.T. 0.006 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

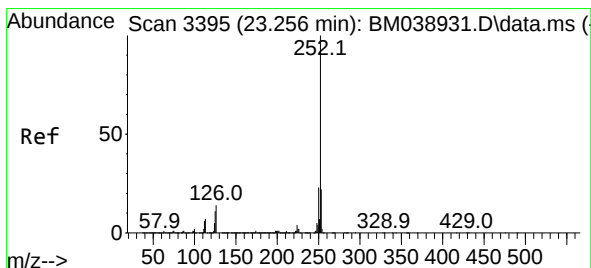
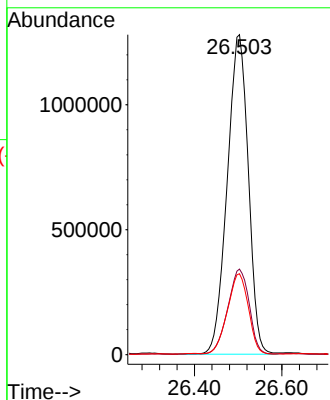
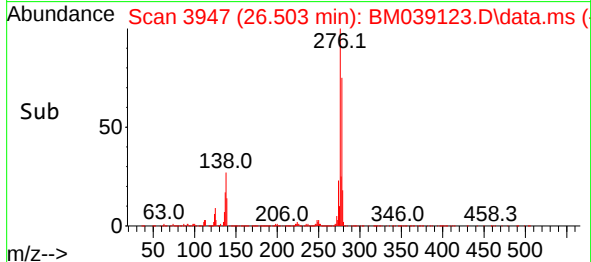
Instrument :
BNA_M
ClientSampleId :



Tgt Ion: 276 Resp: 4276923
Ion Ratio Lower Upper
276 100
138 26.9 22.1 33.1
277 25.0 20.1 30.1

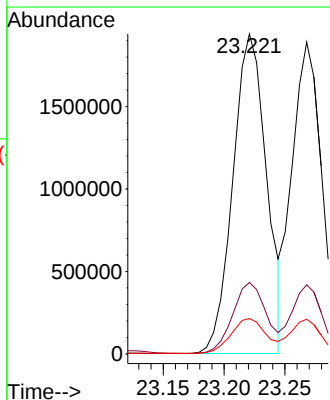
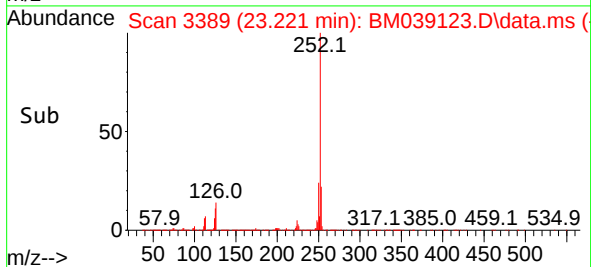
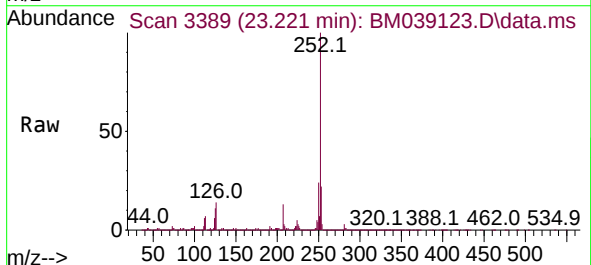
Manual Integrations
APPROVED

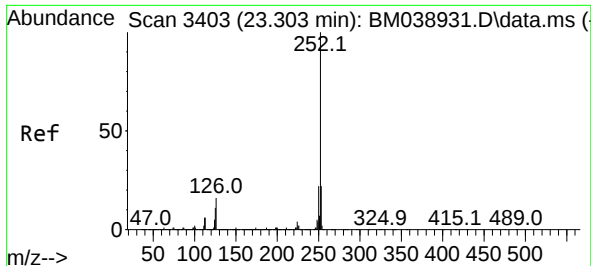
Reviewed By :Christian
Giraldo
03/24/2023
Supervised By :Jagrut
Upadhyay
03/24/2023



#88
Benzo(b)fluoranthene
Concen: 55.079 ng
RT: 23.221 min Scan# 3389
Delta R.T. -0.000 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

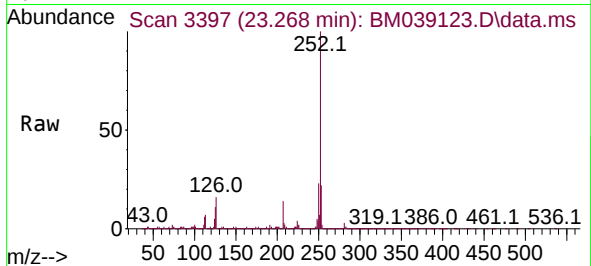
Tgt Ion: 252 Resp: 3713366
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 11.0 8.8 13.2





#89
Benzo(k)fluoranthene
Concen: 46.065 ng
RT: 23.268 min Scan# 3403
Delta R.T. -0.000 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

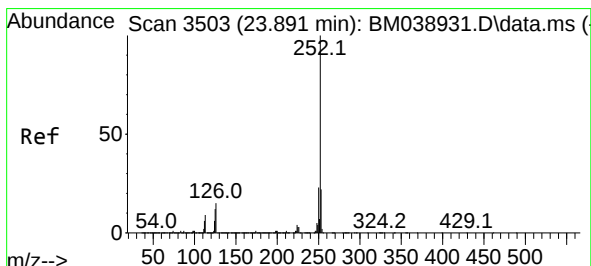
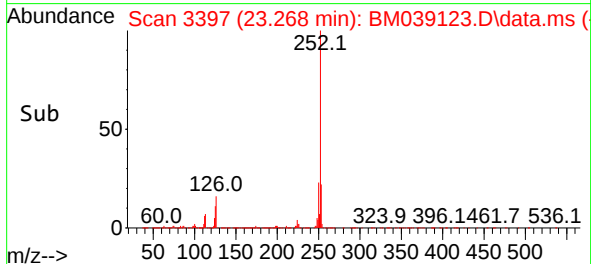
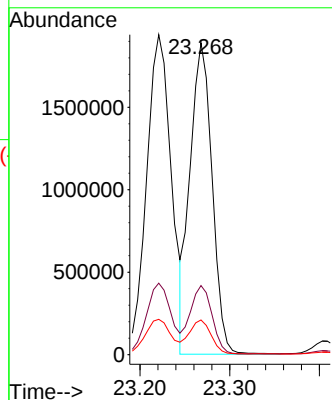
Instrument :
BNA_M
ClientSampleId :



Tgt Ion:252 Resp: 3232085
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 11.1 8.9 13.3

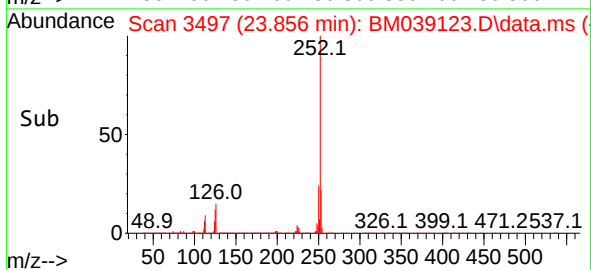
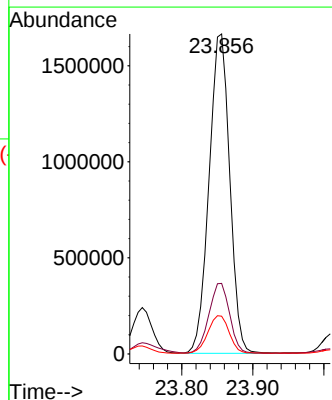
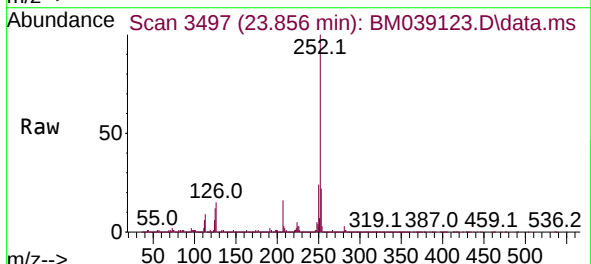
Manual Integrations
APPROVED

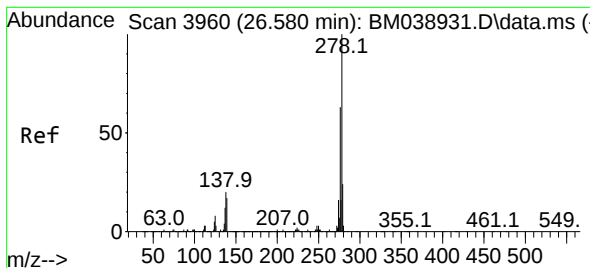
Reviewed By :Christian
Giraldo
03/24/2023
Supervised By :Jagrut
Upadhyay
03/24/2023



#90
Benzo(a)pyrene
Concen: 51.851 ng
RT: 23.856 min Scan# 3497
Delta R.T. -0.000 min
Lab File: BM039123.D
Acq: 23 Mar 2023 19:26

Tgt Ion:252 Resp: 3364364
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 11.8 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 47.622 ng

RT: 26.515 min Scan# 39

Delta R.T. 0.006 min

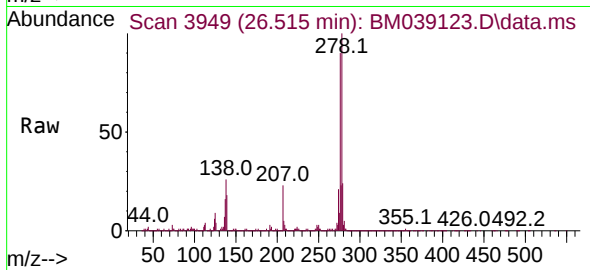
Lab File: BM039123.D

Acq: 23 Mar 2023 19:26

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:278 Resp: 323853

Ion Ratio Lower Upper

278 100

139 17.6 13.7 20.5

279 24.1 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Christian

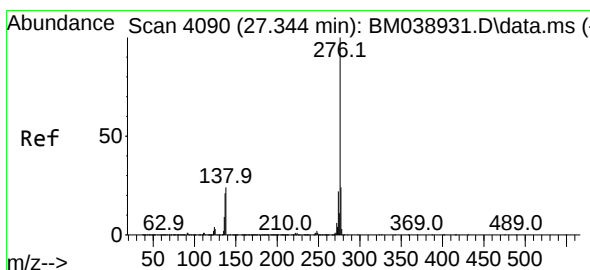
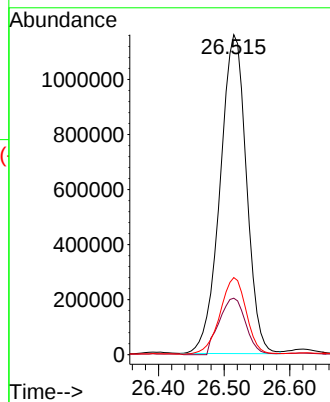
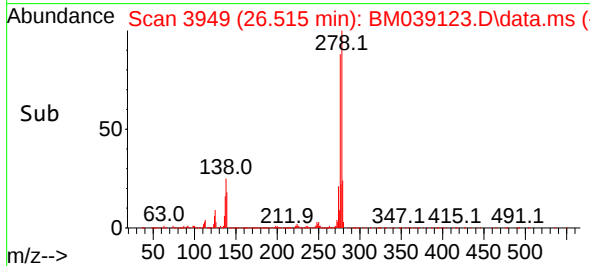
Giraldo

03/24/2023

Supervised By :Jagrut

Upadhyay

03/24/2023



#92

Benzo(g,h,i)perylene

Concen: 54.496 ng

RT: 27.285 min Scan# 4080

Delta R.T. 0.012 min

Lab File: BM039123.D

Acq: 23 Mar 2023 19:26

Tgt Ion:276 Resp: 3625738

Ion Ratio Lower Upper

276 100

277 23.5 19.3 28.9

138 23.8 19.0 28.6

