

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032323\
 Data File : BM039126.D
 Acq On : 23 Mar 2023 21:20
 Operator : CG/JU
 Sample : 02016-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

032023-1MSD

Manual Integrations

APPROVED

Reviewed By :Christian
 Giraldo

03/24/2023

Supervised By :Jagrut
 Upadhyay

03/24/2023

Quant Time: Mar 24 04:34:00 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	230391	20.000	ng	-0.01
21) Naphthalene-d8	10.775	136	864770	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	446271	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	833174	20.000	ng	0.00
76) Chrysene-d12	21.527	240	815140	20.000	ng	0.00
86) Perylene-d12	23.956	264	1016905	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1686625	111.223	ng	0.00
7) Phenol-d6	7.128	99	2107925	107.017	ng	0.00
23) Nitrobenzene-d5	9.128	82	1260267	71.586	ng	-0.01
42) 2,4,6-Tribromophenol	16.092	330	586409	113.587	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	2401887	70.064	ng	0.00
79) Terphenyl-d14	19.962	244	2675914	60.020	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	285620	42.337	ng	99
3) Pyridine	3.793	79	722387	38.610	ng	99
4) n-Nitrosodimethylamine	3.699	42	316093	41.517	ng	90
6) Aniline	7.287	93	756668	29.258	ng	99
8) 2-Chlorophenol	7.522	128	774297	47.961	ng	98
9) Benzaldehyde	7.092	77	543439	57.979	ng	97
10) Phenol	7.151	94	959491	45.871	ng	98
11) bis(2-Chloroethyl)ether	7.381	93	780199	45.877	ng	98
12) 1,3-Dichlorobenzene	7.845	146	863621	50.336	ng	98
13) 1,4-Dichlorobenzene	7.998	146	871377	49.938	ng	99
14) 1,2-Dichlorobenzene	8.316	146	832156	49.509	ng	99
15) Benzyl Alcohol	8.204	79	639009m	45.262	ng	
16) 2,2'-oxybis(1-Chloropr...	8.492	45	979630	45.611	ng	99
17) 2-Methylphenol	8.410	107	621722	43.269	ng	99
18) Hexachloroethane	9.045	117	328968	51.098	ng	93
19) n-Nitroso-di-n-propyla...	8.775	70	559467	45.095	ng	97
20) 3+4-Methylphenols	8.739	107	829243	43.222	ng	99
22) Acetophenone	8.792	105	1141543	47.050	ng	# 97
24) Nitrobenzene	9.169	77	832608	44.996	ng	98
25) Isophorone	9.698	82	1513904	46.730	ng	100
26) 2-Nitrophenol	9.886	139	402990	49.241	ng	94
27) 2,4-Dimethylphenol	9.945	122	671198	47.548	ng	98
28) bis(2-Chloroethoxy)met...	10.180	93	953824	45.822	ng	100
29) 2,4-Dichlorophenol	10.422	162	651799	48.703	ng	99
30) 1,2,4-Trichlorobenzene	10.633	180	717158	49.038	ng	100
31) Naphthalene	10.822	128	2247131	45.571	ng	100
32) Benzoic acid	10.075	122	429873	42.281	ng	99
33) 4-Chloroaniline	10.933	127	244908	11.654	ng	98
34) Hexachlorobutadiene	11.104	225	418077	49.850	ng	99
35) Caprolactam	11.727	113	180634	44.347	ng	100
36) 4-Chloro-3-methylphenol	12.063	107	657297	46.123	ng	100
37) 2-Methylnaphthalene	12.427	142	1458610	44.133	ng	99
38) 1-Methylnaphthalene	12.651	142	1353724	43.707	ng	99
40) 1,2,4,5-Tetrachloroben...	12.798	216	731170	50.398	ng	100
41) Hexachlorocyclopentadiene	12.774	237	788393	99.000	ng	98
43) 2,4,6-Trichlorophenol	13.039	196	471840	50.224	ng	99

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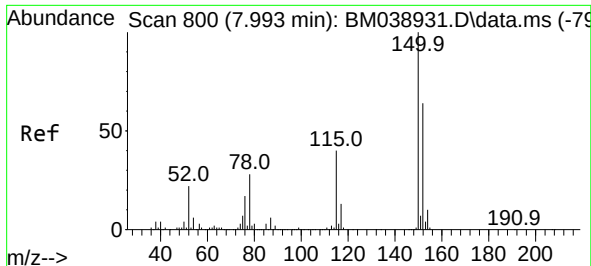
Reviewed By :Christian
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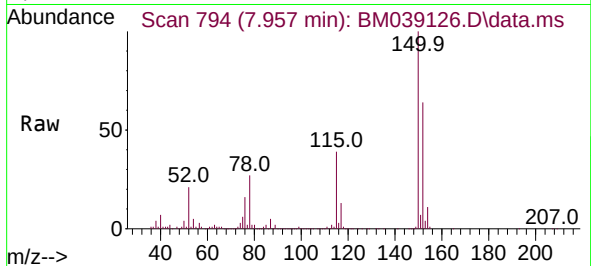
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	501056	45.565	ng	97
46) 1,1'-Biphenyl	13.439	154	1838026	48.616	ng	100
47) 2-Chloronaphthalene	13.480	162	1384089	48.549	ng	99
48) 2-Nitroaniline	13.686	65	410361	45.098	ng	93
49) Acenaphthylene	14.327	152	2129209	46.888	ng	100
50) Dimethylphthalate	14.063	163	1596790	46.499	ng	100
51) 2,6-Dinitrotoluene	14.180	165	349346	46.055	ng	96
52) Acenaphthene	14.668	154	1270595	45.528	ng	99
53) 3-Nitroaniline	14.510	138	236006	27.292	ng	93
54) 2,4-Dinitrophenol	14.715	184	277769	64.696	ng	91
55) Dibenzofuran	14.998	168	1957061	44.813	ng	100
56) 4-Nitrophenol	14.821	139	654281	95.935	ng	95
57) 2,4-Dinitrotoluene	14.968	165	463307	46.427	ng	94
58) Fluorene	15.651	166	1529714	44.716	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.227	232	401859	47.385	ng	98
60) Diethylphthalate	15.421	149	1576783	47.190	ng	99
61) 4-Chlorophenyl-phenyle...	15.639	204	756674	45.024	ng	98
62) 4-Nitroaniline	15.668	138	356880	39.803	ng	97
63) Azobenzene	15.933	77	1613349	45.633	ng	98
65) 4,6-Dinitro-2-methylph...	15.727	198	196661	37.198	ng	94
66) n-Nitrosodiphenylamine	15.857	169	1297981	46.211	ng	99
67) 4-Bromophenyl-phenylether	16.533	248	436707	48.527	ng	97
68) Hexachlorobenzene	16.651	284	494583	49.162	ng	99
69) Atrazine	16.809	200	419382	54.663	ng	99
70) Pentachlorophenol	16.998	266	632377	85.465	ng	99
71) Phenanthrene	17.392	178	2247606	45.964	ng	99
72) Anthracene	17.480	178	2270589	46.562	ng	100
73) Carbazole	17.751	167	2104719	47.291	ng	100
74) Di-n-butylphthalate	18.315	149	2620397	48.262	ng	99
75) Fluoranthene	19.403	202	2488765	48.204	ng	99
77) Benzidine	19.592	184	1404415	72.783	ng	98
78) Pyrene	19.762	202	2632596	43.000	ng	100
80) Butylbenzylphthalate	20.656	149	1171388	45.204	ng	99
81) Benzo(a)anthracene	21.509	228	2818960	48.021	ng	99
82) 3,3'-Dichlorobenzidine	21.444	252	889686	49.314	ng	100
83) Chrysene	21.562	228	2645456	46.336	ng	100
84) Bis(2-ethylhexyl)phtha...	21.433	149	1813924	48.182	ng	99
85) Di-n-octyl phthalate	22.368	149	3301702	52.474	ng	98
87) Indeno(1,2,3-cd)pyrene	26.491	276	3798896	49.095	ng	100
88) Benzo(b)fluoranthene	23.215	252	3089482	47.555	ng	99
89) Benzo(k)fluoranthene	23.268	252	3090109	45.704	ng	99
90) Benzo(a)pyrene	23.850	252	2834858	45.339	ng	100
91) Dibenzo(a,h)anthracene	26.509	278	3146417	48.015	ng	99
92) Benzo(g,h,i)perylene	27.279	276	3122854	48.709	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.957 min Scan# 79
Delta R.T. -0.012 min
Lab File: BM039126.D
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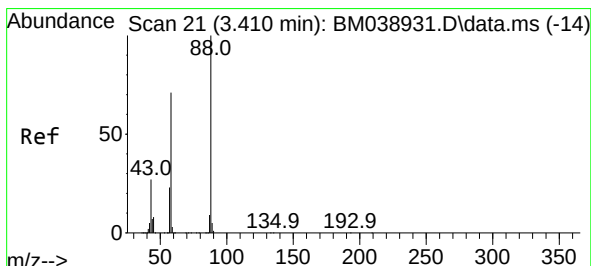
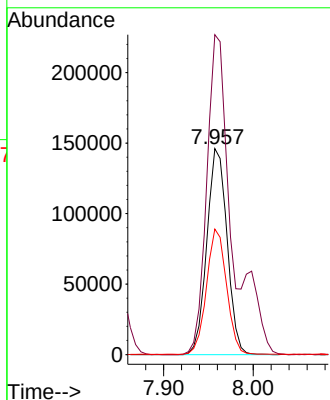
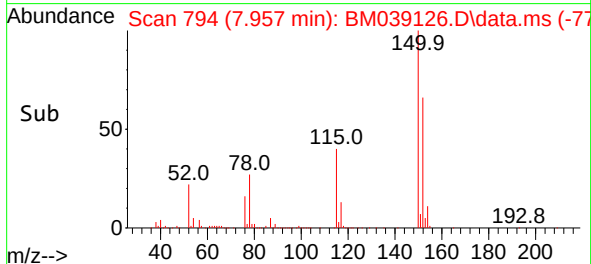
Tgt Ion:152 Resp: 230391
Ion Ratio Lower Upper
152 100
150 155.4 125.1 187.7
115 61.0 49.6 74.4

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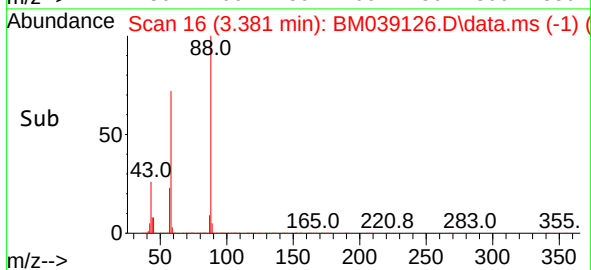
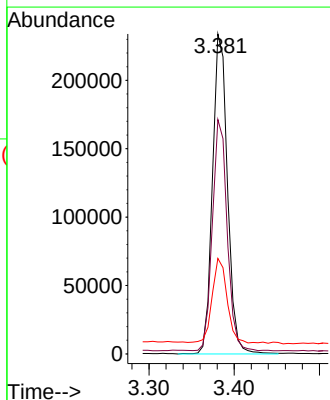
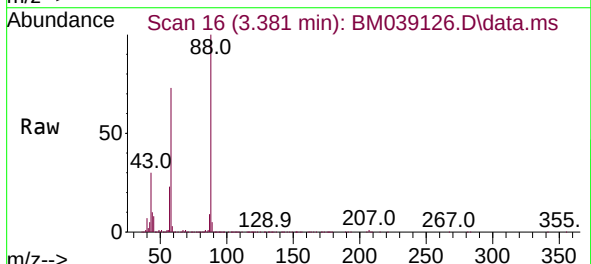
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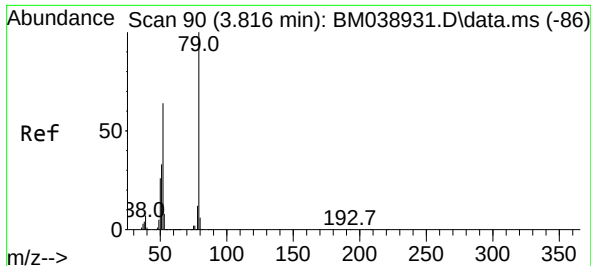
03/24/2023



#2
1,4-Dioxane
Concen: 42.337 ng
RT: 3.381 min Scan# 16
Delta R.T. -0.012 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

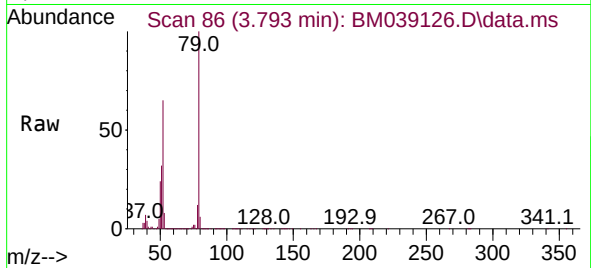
Tgt Ion: 88 Resp: 285620
Ion Ratio Lower Upper
88 100
58 71.2 57.2 85.8
43 26.0 22.0 33.0





#3
Pyridine
Concen: 38.610 ng
RT: 3.793 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

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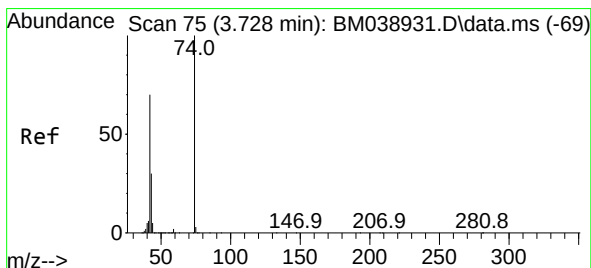
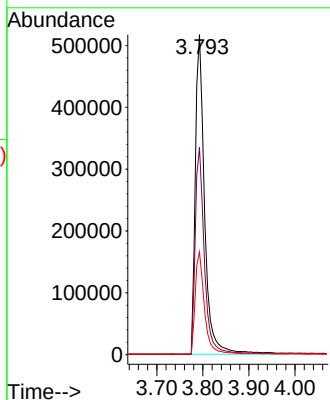
Tgt Ion: 79 Resp: 722387
Ion Ratio Lower Upper
79 100
52 64.7 51.4 77.2
51 32.1 26.6 40.0

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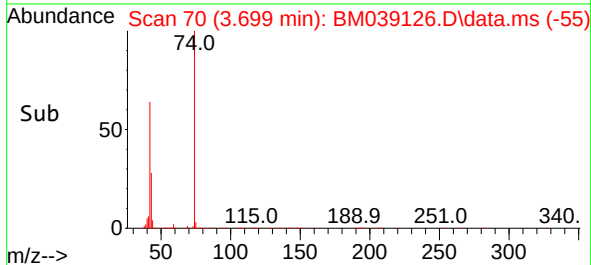
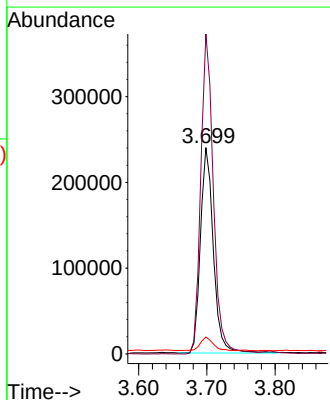
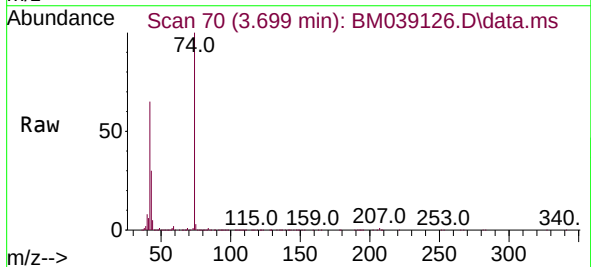
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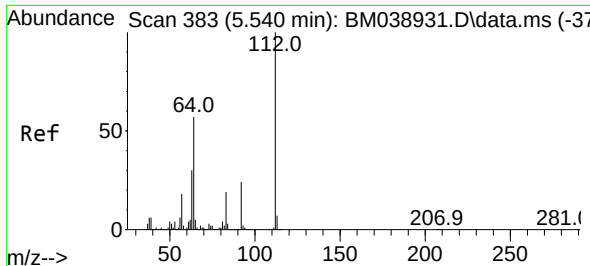
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#4
n-Nitrosodimethylamine
Concen: 41.517 ng
RT: 3.699 min Scan# 70
Delta R.T. -0.012 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Tgt Ion: 42 Resp: 316093
Ion Ratio Lower Upper
42 100
74 155.0 113.8 170.8
44 8.2 6.2 9.2





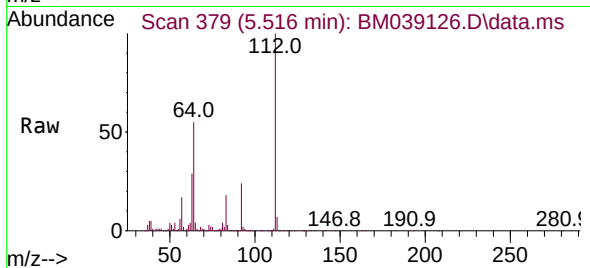
#5
2-Fluorophenol
Concen: 111.223 ng
RT: 5.516 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Instrument :

BNA_M

ClientSampleId :

032023-1MSD



Tgt Ion:112 Resp: 1686625
Ion Ratio Lower Upper
112 100
64 55.5 45.9 68.9
63 28.5 23.8 35.8

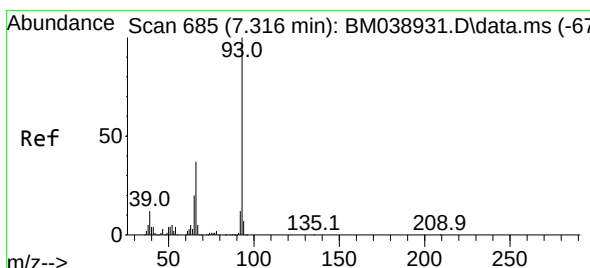
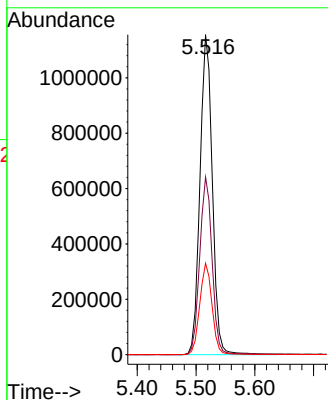
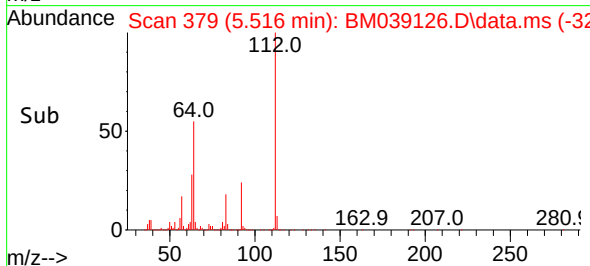
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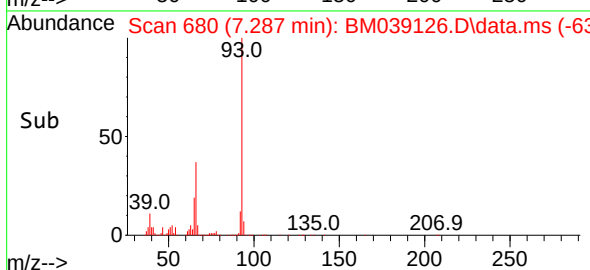
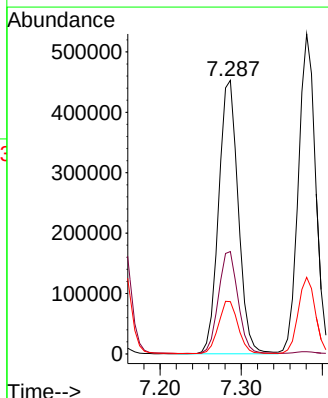
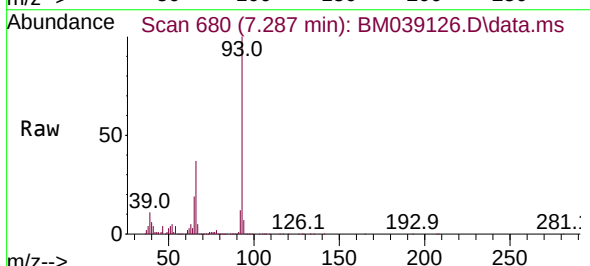
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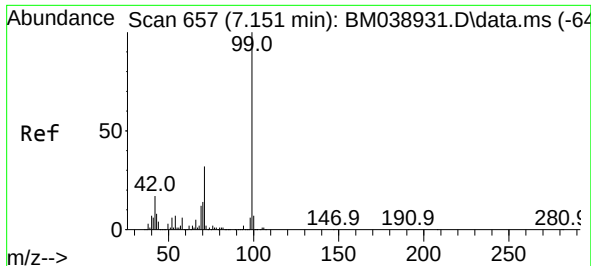
03/24/2023



#6
Aniline
Concen: 29.258 ng
RT: 7.287 min Scan# 680
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

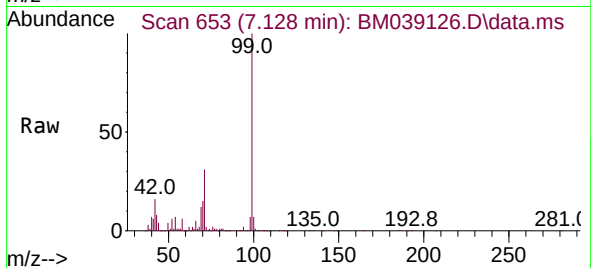
Tgt Ion: 93 Resp: 756668
Ion Ratio Lower Upper
93 100
66 37.4 30.0 45.0
65 19.1 15.8 23.6





#7
Phenol-d6
Concen: 107.017 ng
RT: 7.128 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Instrument :
BNA_M
ClientSampleId :
032023-1MSD



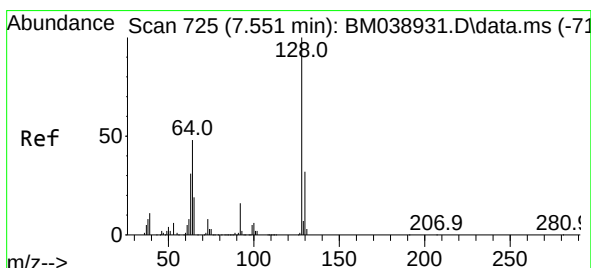
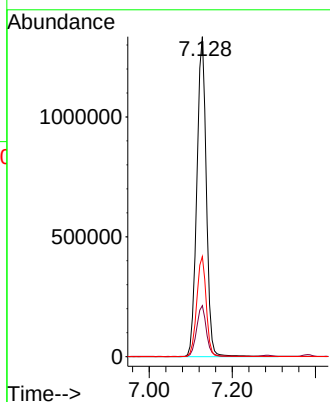
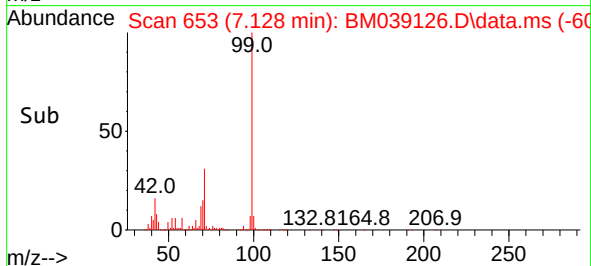
Tgt Ion: 99 Resp: 2107925
Ion Ratio Lower Upper
99 100
42 15.9 13.5 20.3
71 31.3 25.6 38.4

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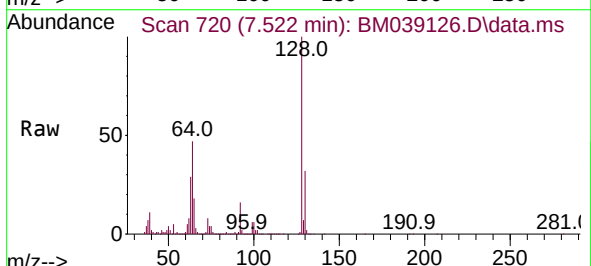
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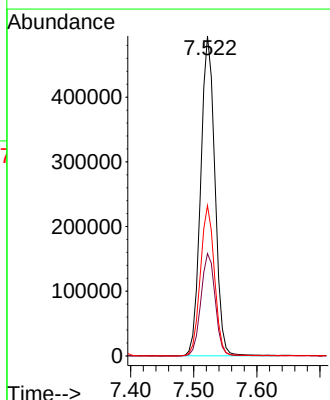
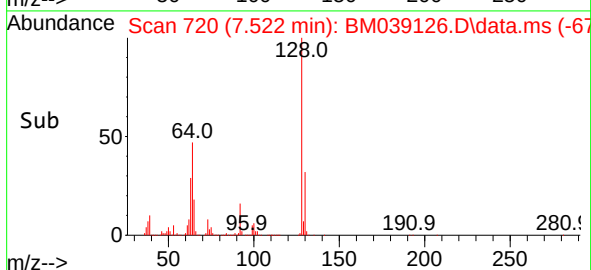
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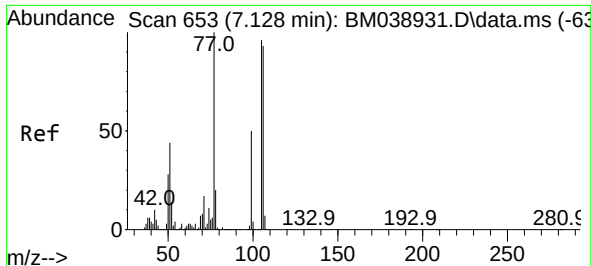


#8
2-Chlorophenol
Concen: 47.961 ng
RT: 7.522 min Scan# 720
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20



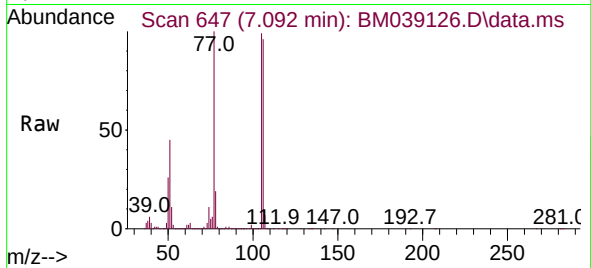
Tgt Ion:128 Resp: 774297
Ion Ratio Lower Upper
128 100
130 32.0 11.9 51.9
64 47.0 28.6 68.6





#9
Benzaldehyde
Concen: 57.979 ng
RT: 7.092 min Scan# 647
Delta R.T. -0.012 min
Lab File: BM039126.D
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032023-1MSD



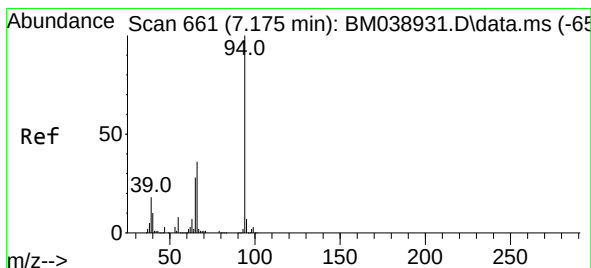
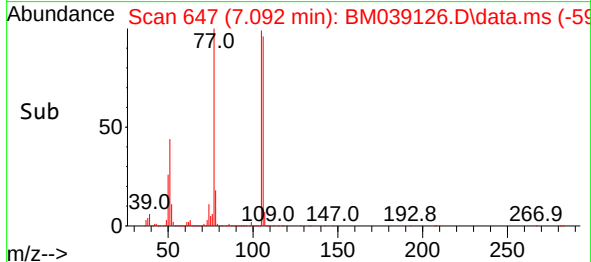
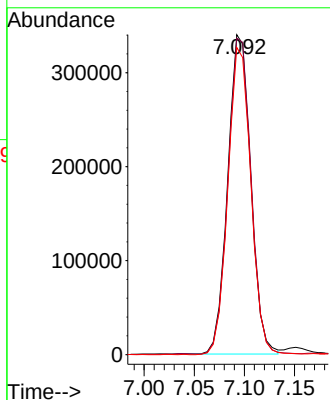
Tgt Ion: 77 Resp: 543439
Ion Ratio Lower Upper
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105 98.9 75.8 115.8
106 96.0 72.6 112.6

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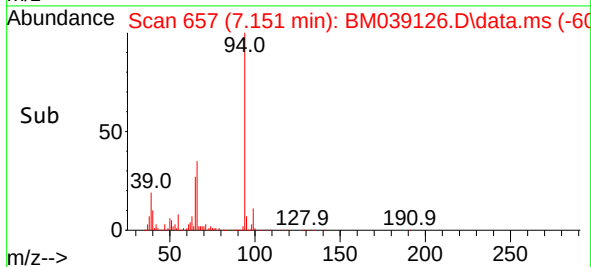
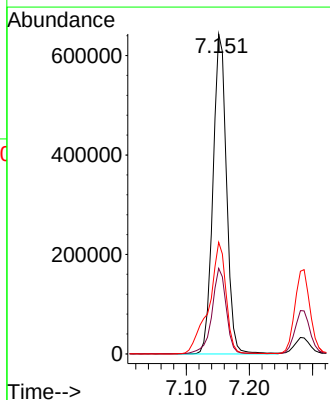
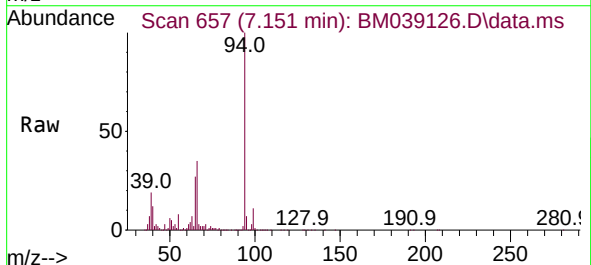
03/24/2023
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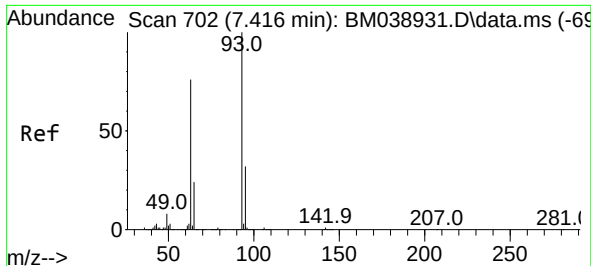
03/24/2023



#10
Phenol
Concen: 45.871 ng
RT: 7.151 min Scan# 657
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

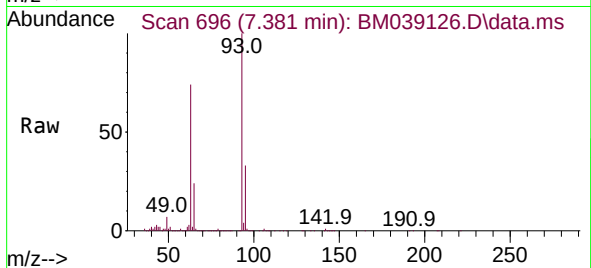
Tgt Ion: 94 Resp: 959491
Ion Ratio Lower Upper
94 100
65 26.7 7.9 47.9
66 34.9 15.8 55.8





#11
bis(2-Chloroethyl)ether
Concen: 45.877 ng
RT: 7.381 min Scan# 69
Delta R.T. -0.012 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Instrument :
BNA_M
ClientSampleId :
032023-1MSD



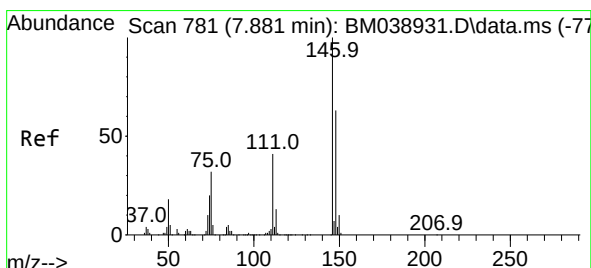
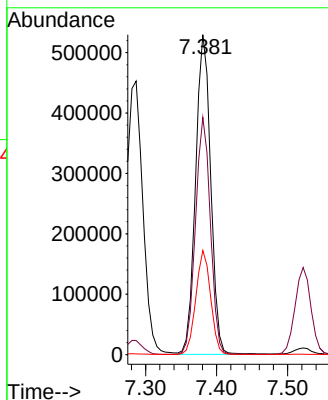
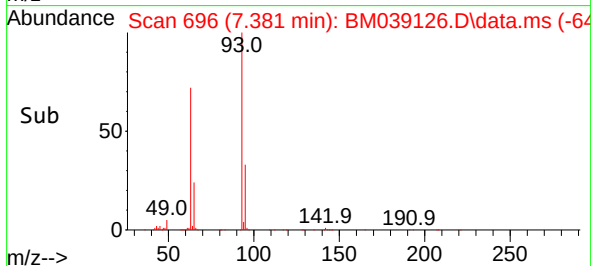
Tgt Ion: 93 Resp: 780199
Ion Ratio Lower Upper
93 100
63 74.1 55.8 95.8
95 32.5 12.2 52.2

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Reviewed By :Christian
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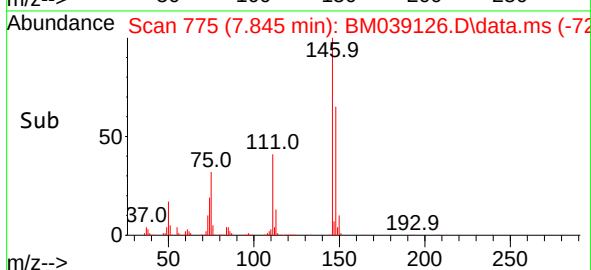
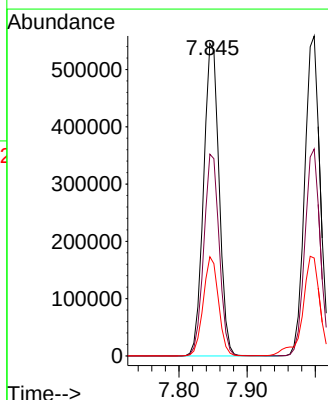
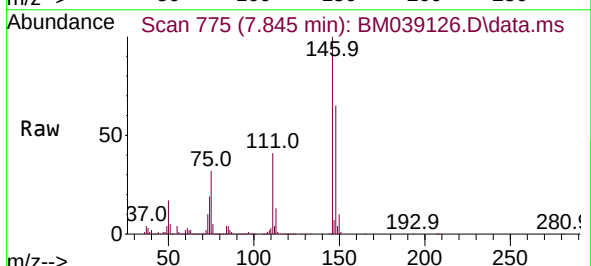
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Supervised By :Jagrut
Upadhyay

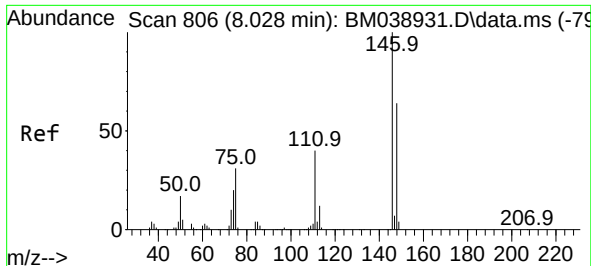
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#12
1,3-Dichlorobenzene
Concen: 50.336 ng
RT: 7.845 min Scan# 775
Delta R.T. -0.012 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

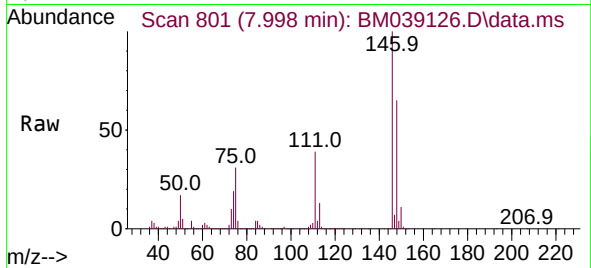
Tgt Ion:146 Resp: 863621
Ion Ratio Lower Upper
146 100
148 64.6 50.6 75.8
75 31.8 26.0 39.0





#13
1,4-Dichlorobenzene
Concen: 49.938 ng
RT: 7.998 min Scan# 801
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Instrument :
BNA_M
ClientSampleId :
032023-1MSD



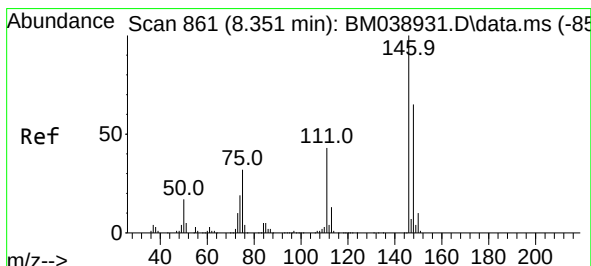
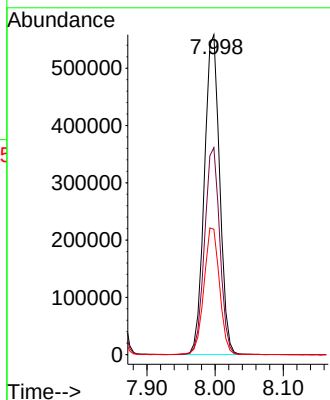
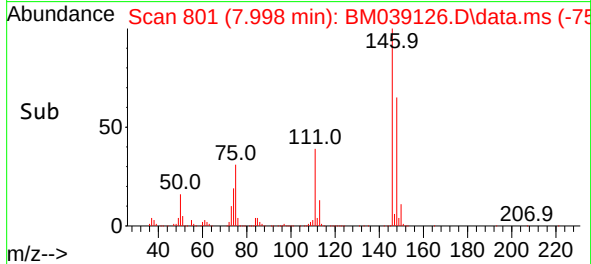
Tgt Ion:146 Resp: 871372
Ion Ratio Lower Upper
146 100
148 64.7 51.0 76.4
111 39.2 32.2 48.4

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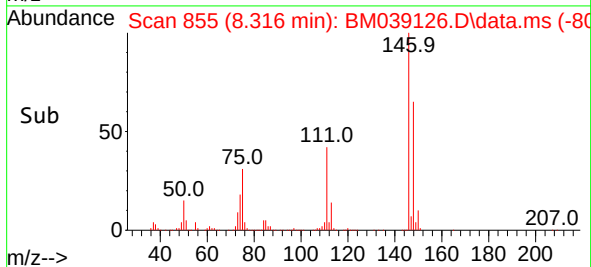
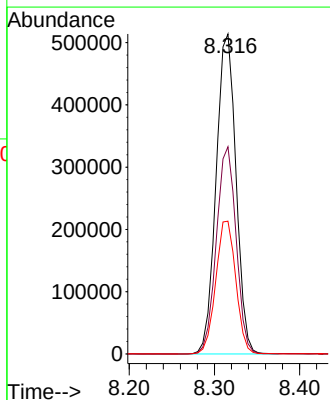
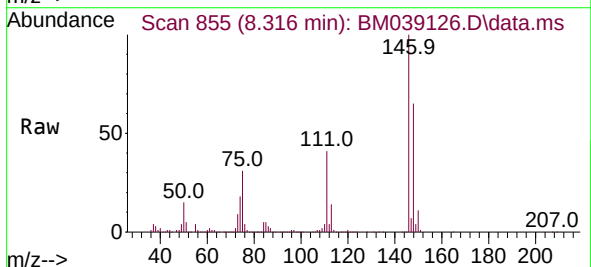
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Upadhyay

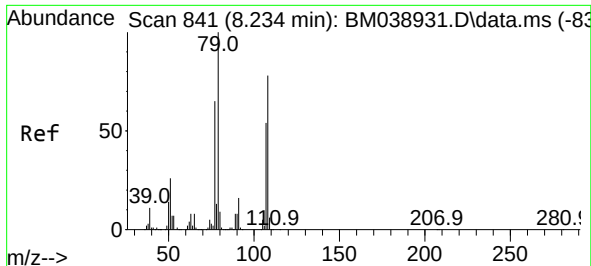
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#14
1,2-Dichlorobenzene
Concen: 49.509 ng
RT: 8.316 min Scan# 855
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

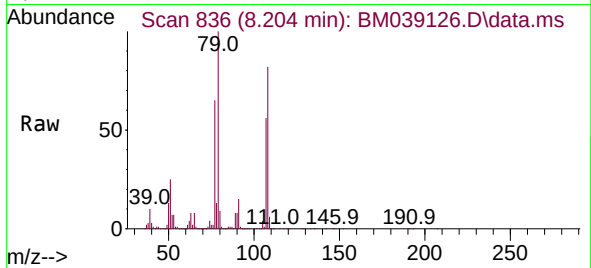
Tgt Ion:146 Resp: 832156
Ion Ratio Lower Upper
146 100
148 64.7 51.7 77.5
111 41.5 34.2 51.4





#15
Benzyl Alcohol
Concen: 45.262 ng m
RT: 8.204 min Scan# 841
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Instrument :
BNA_M
ClientSampleId :
032023-1MSD



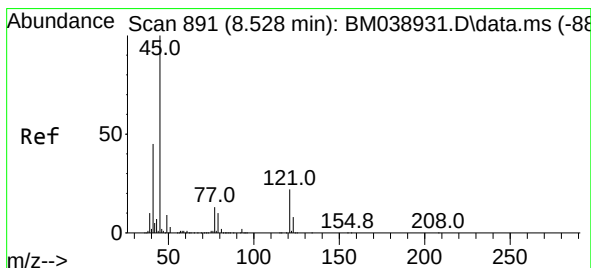
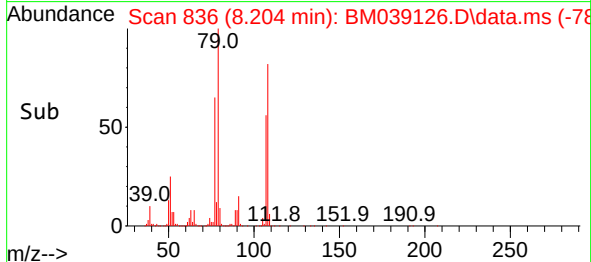
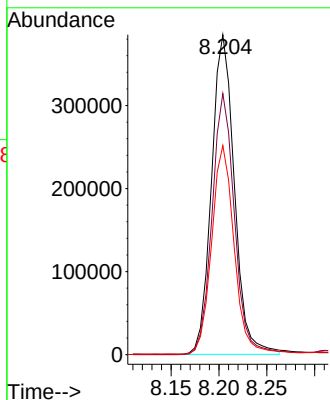
Tgt Ion: 79 Resp: 639009
Ion Ratio Lower Upper
79 100
108 81.6 62.4 93.6
77 65.3 52.2 78.4

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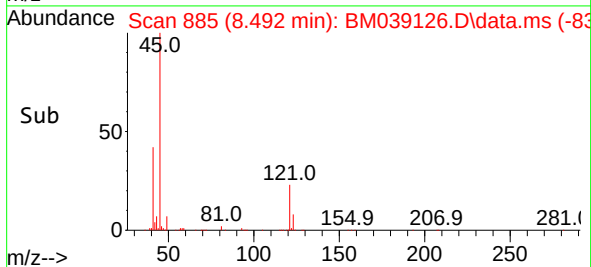
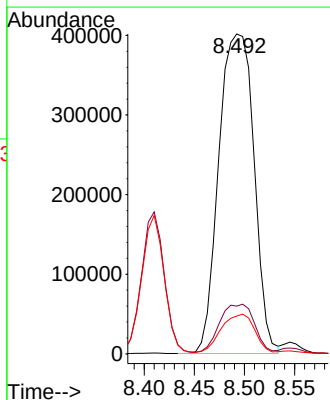
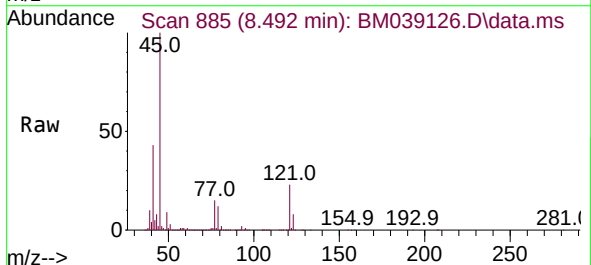
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Supervised By :Jagrut
Upadhyay

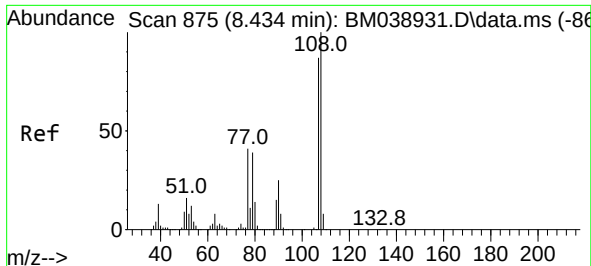
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.611 ng
RT: 8.492 min Scan# 885
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Tgt Ion: 45 Resp: 979630
Ion Ratio Lower Upper
45 100
77 15.0 0.0 34.8
79 11.8 0.0 31.5





#17
2-Methylphenol
Concen: 43.269 ng
RT: 8.410 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Instrument :
BNA_M
ClientSampleId :
032023-1MSD

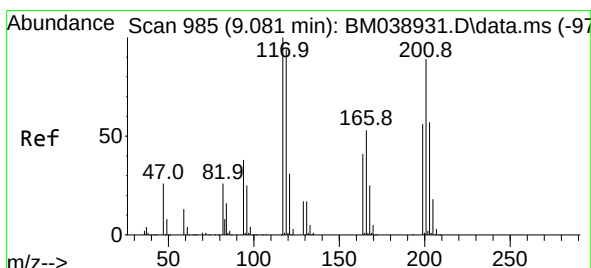
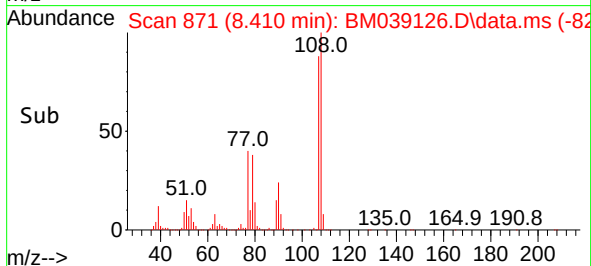
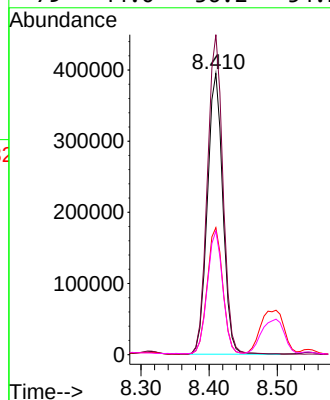
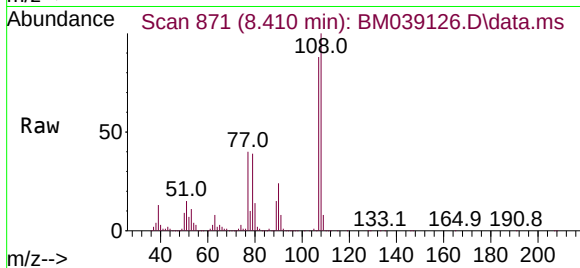
Tgt Ion:107 Resp: 621722
Ion Ratio Lower Upper
107 100
108 113.8 91.7 137.5
77 45.1 37.4 56.2
79 44.0 36.2 54.2

Manual Integrations
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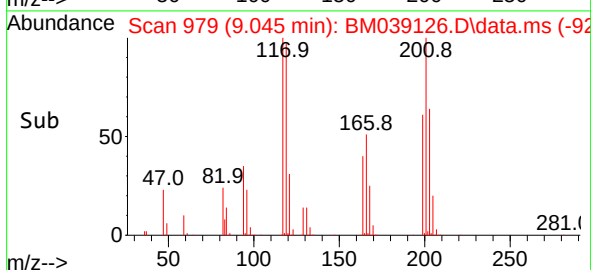
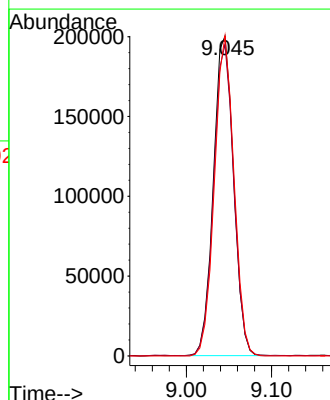
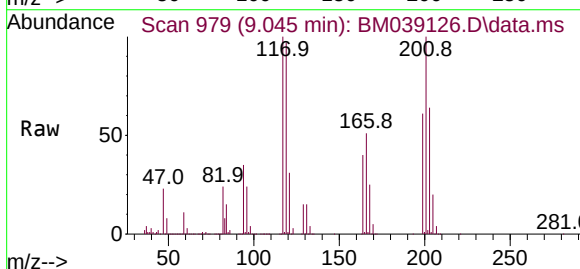
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Supervised By :Jagrut
Upadhyay

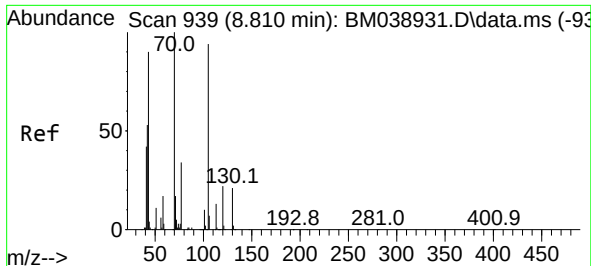
03/24/2023



#18
Hexachloroethane
Concen: 51.098 ng
RT: 9.045 min Scan# 979
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Tgt Ion:117 Resp: 328968
Ion Ratio Lower Upper
117 100
119 97.4 75.4 113.0
201 100.0 71.3 106.9





#19

n-Nitroso-di-n-propylamine

Concen: 45.095 ng

RT: 8.775 min Scan# 931

Delta R.T. -0.012 min

Lab File: BM039126.D

Acq: 23 Mar 2023 21:20

Instrument :

BNA_M

ClientSampleId :

032023-1MSD

Tgt Ion: 70 Resp: 55946

Ion Ratio Lower Upper

70 100

42 52.3 43.4 65.2

101 10.1 7.6 11.4

130 21.8 16.5 24.7

Manual Integrations

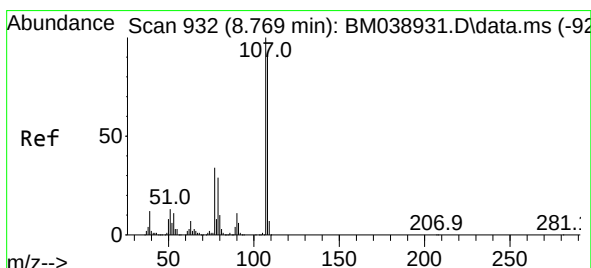
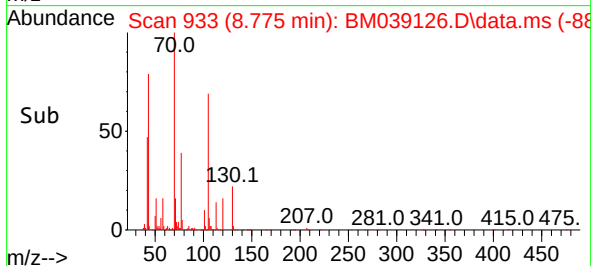
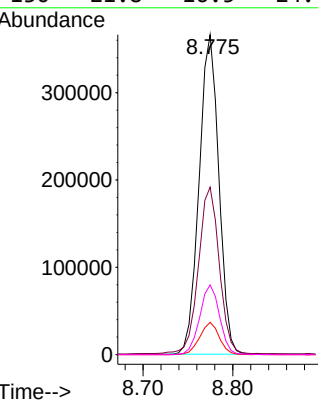
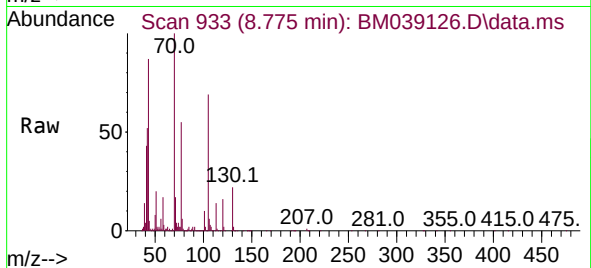
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Giraldo

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Supervised By :Jagrut
Upadhyay

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#20

3+4-Methylphenols

Concen: 43.222 ng

RT: 8.739 min Scan# 927

Delta R.T. -0.006 min

Lab File: BM039126.D

Acq: 23 Mar 2023 21:20

Tgt Ion:107 Resp: 829243

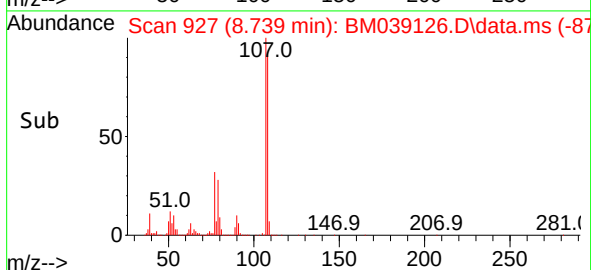
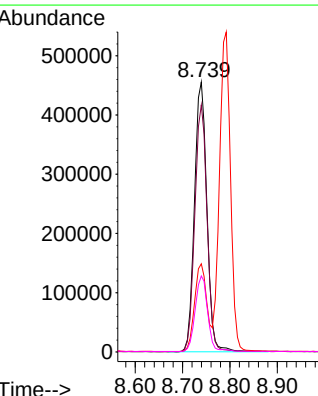
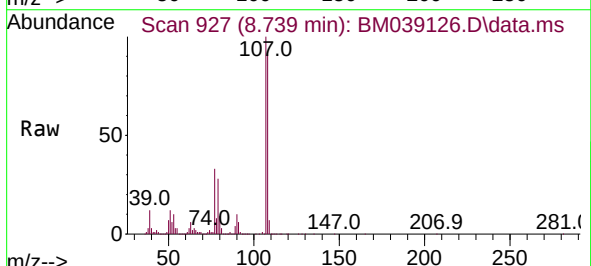
Ion Ratio Lower Upper

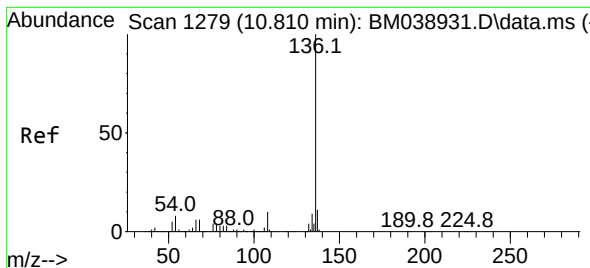
107 100

108 91.5 71.8 111.8

77 32.6 13.6 53.6

79 28.1 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: BM039126.D
Acq: 23 Mar 2023 21:20

Instrument :

BNA_M

ClientSampleId :

032023-1MSD

Tgt Ion:136 Resp: 864776
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.9 6.3 9.5
68 6.3 5.0 7.6

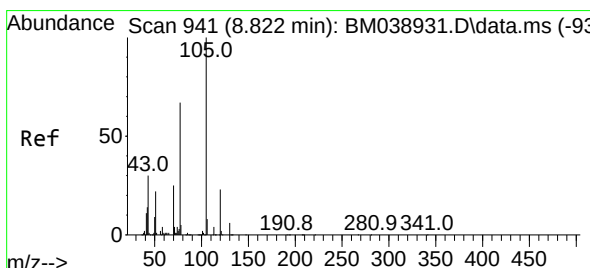
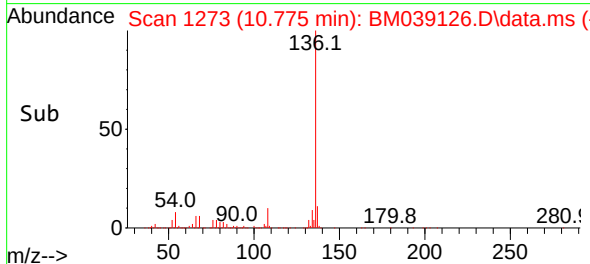
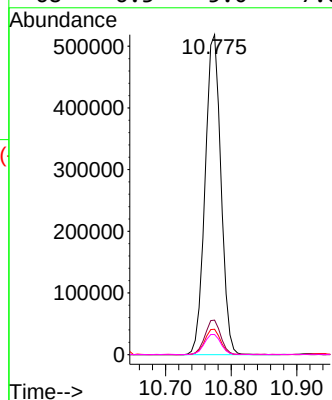
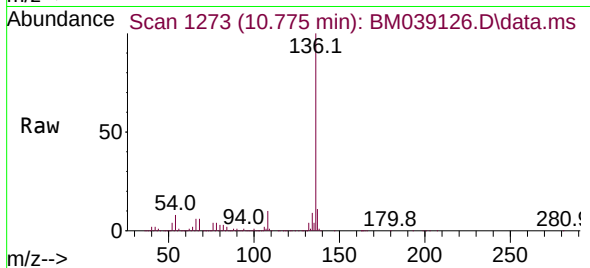
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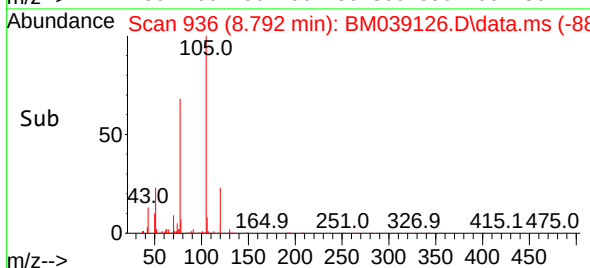
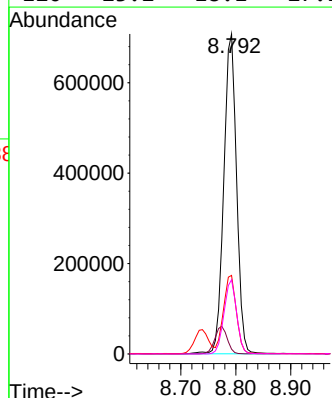
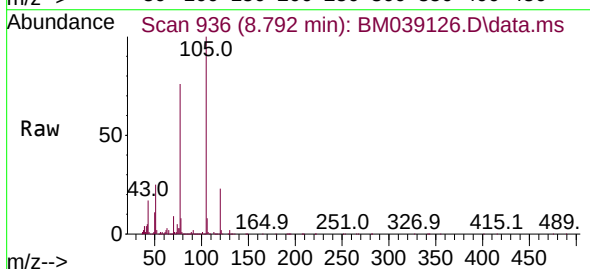
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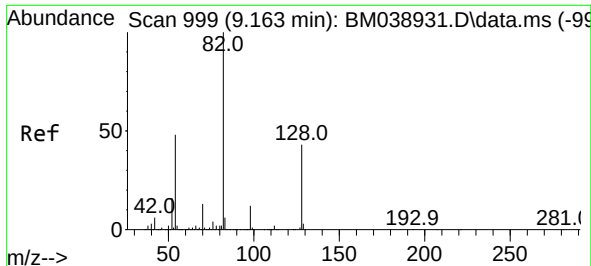
03/24/2023



#22
Acetophenone
Concen: 47.050 ng
RT: 8.792 min Scan# 936
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

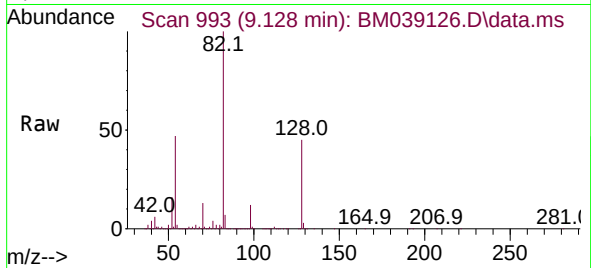
Tgt Ion:105 Resp: 1141543
Ion Ratio Lower Upper
105 100
71 1.5 3.4 5.0#
51 24.5 21.0 31.4
120 23.2 18.1 27.1





#23
Nitrobenzene-d5
Concen: 71.586 ng
RT: 9.128 min Scan# 999
Delta R.T. -0.012 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Instrument :
BNA_M
ClientSampleId :
032023-1MSD



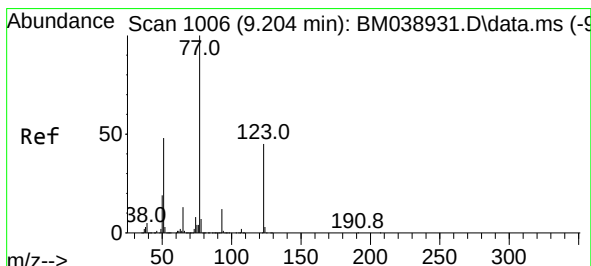
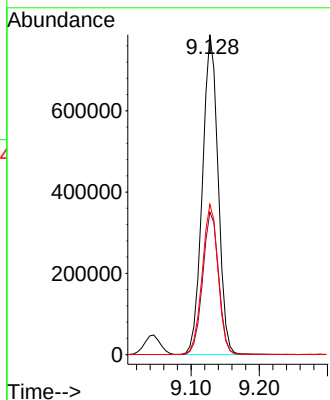
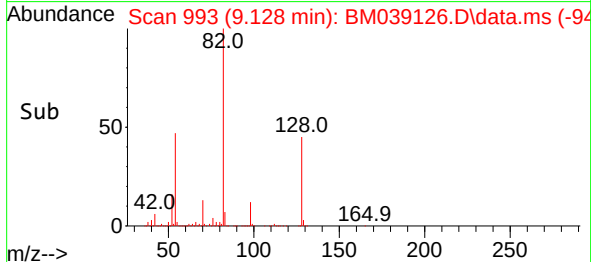
Tgt Ion: 82 Resp: 126026
Ion Ratio Lower Upper
82 100
128 44.5 34.4 51.6
54 46.9 38.8 58.2

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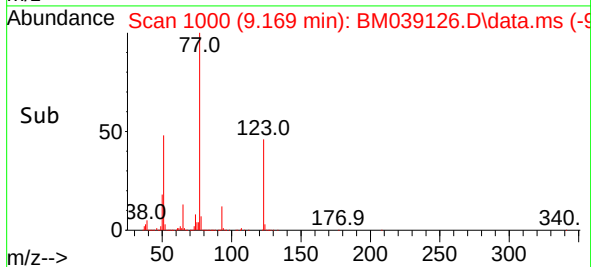
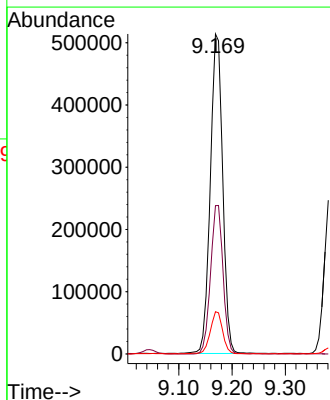
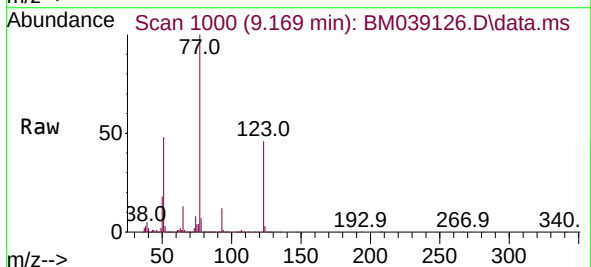
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Supervised By :Jagrut
Upadhyay

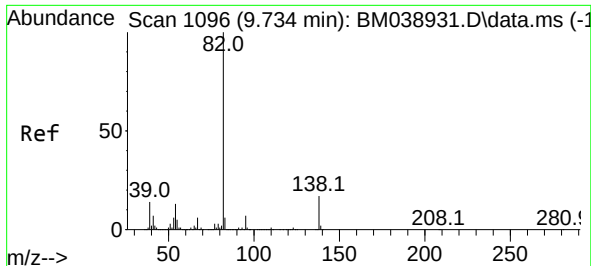
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#24
Nitrobenzene
Concen: 44.996 ng
RT: 9.169 min Scan# 1000
Delta R.T. -0.012 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

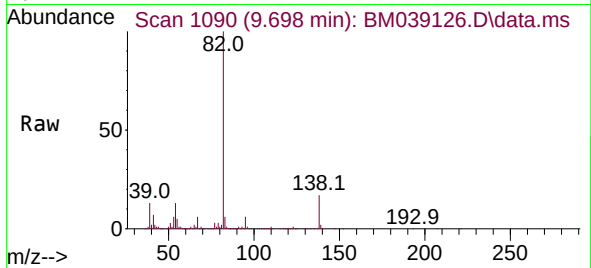
Tgt Ion: 77 Resp: 832608
Ion Ratio Lower Upper
77 100
123 46.3 35.8 53.6
65 13.2 10.2 15.4





#25
Isophorone
Concen: 46.730 ng
RT: 9.698 min Scan# 1096
Delta R.T. -0.012 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Instrument :
BNA_M
ClientSampleId :
032023-1MSD



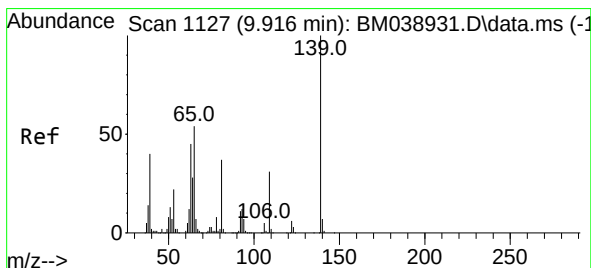
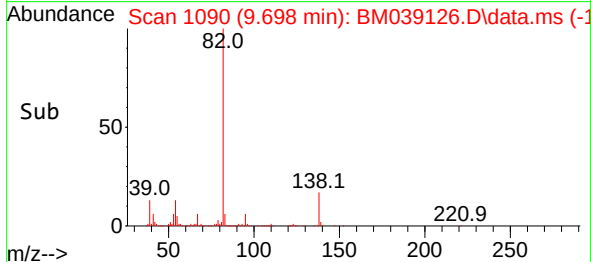
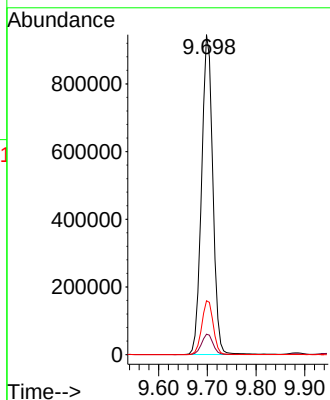
Tgt Ion: 82 Resp: 1513904
Ion Ratio Lower Upper
82 100
95 6.4 5.2 7.8
138 16.8 13.6 20.4

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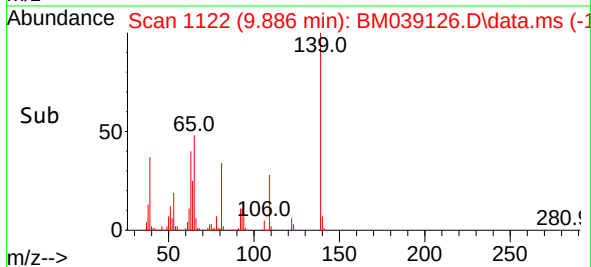
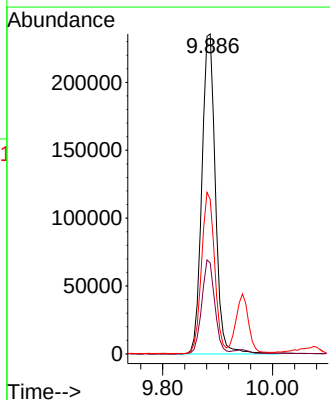
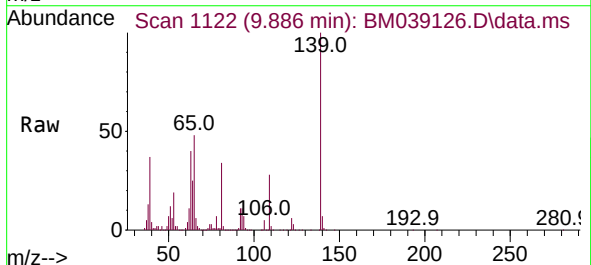
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Upadhyay

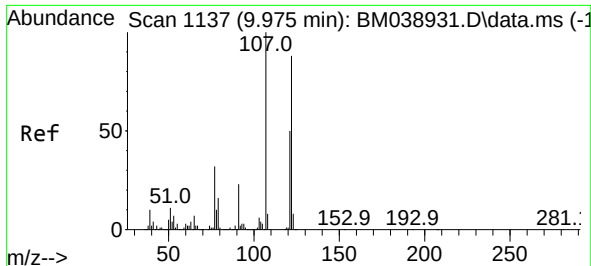
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#26
2-Nitrophenol
Concen: 49.241 ng
RT: 9.886 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Tgt Ion:139 Resp: 402990
Ion Ratio Lower Upper
139 100
109 28.4 24.5 36.7
65 48.3 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 47.548 ng

RT: 9.945 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BM039126.D

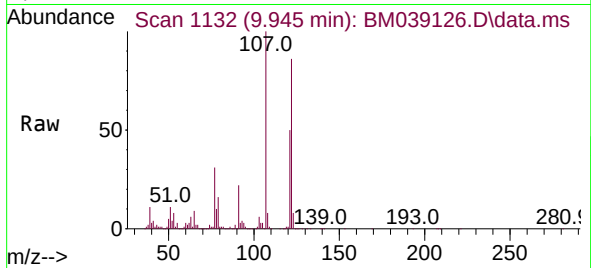
Acq: 23 Mar 2023 21:20

Instrument :

BNA_M

ClientSampleId :

032023-1MSD



Tgt Ion: 122 Resp: 671198

Ion	Ratio	Lower	Upper
122	100		
107	115.7	91.0	136.4
121	57.7	45.1	67.7

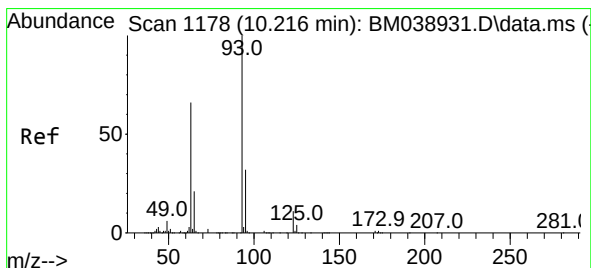
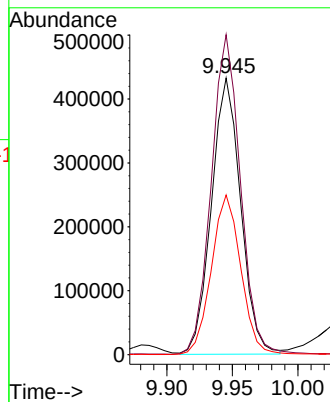
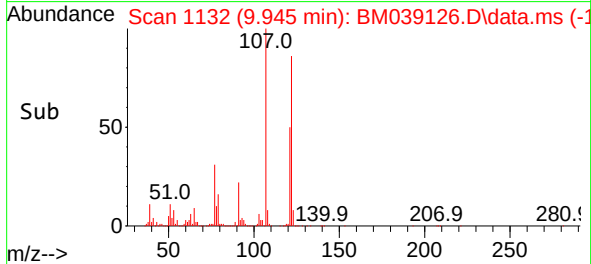
Manual Integrations
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Reviewed By :Christian
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03/24/2023

Supervised By :Jagrut
Upadhyay

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#28

bis(2-Chloroethoxy)methane

Concen: 45.822 ng

RT: 10.180 min Scan# 1172

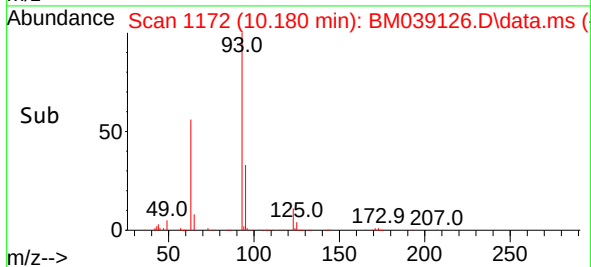
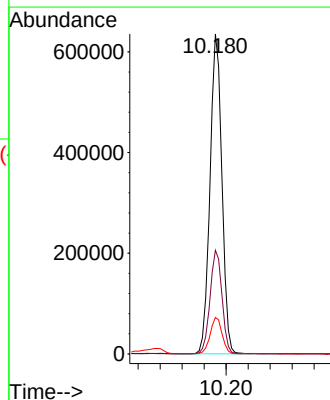
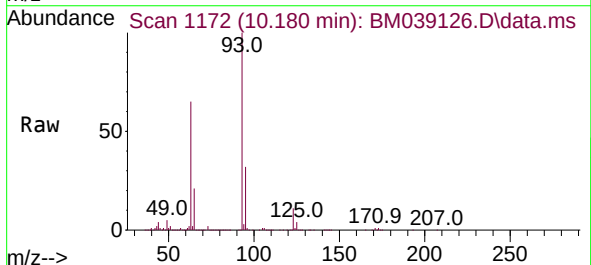
Delta R.T. -0.012 min

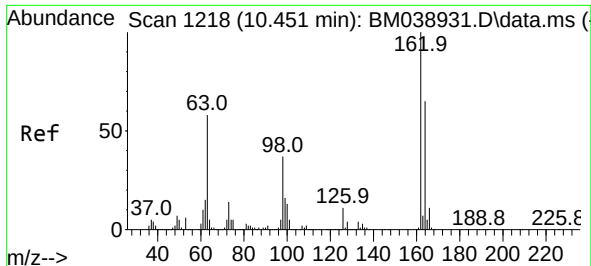
Lab File: BM039126.D

Acq: 23 Mar 2023 21:20

Tgt Ion: 93 Resp: 953824

Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.9	38.9
123	11.4	8.8	13.2





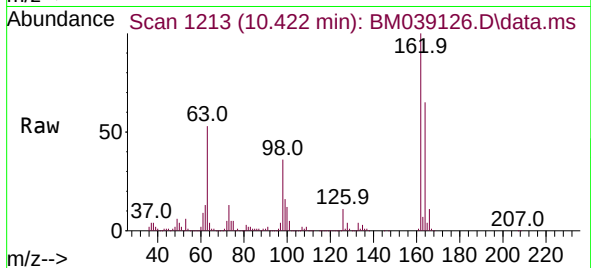
#29
2,4-Dichlorophenol
Concen: 48.703 ng
RT: 10.422 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Instrument :

BNA_M

ClientSampleId :

032023-1MSD



Tgt Ion:162 Resp: 651799
Ion Ratio Lower Upper
162 100
164 64.8 44.6 84.6
98 36.0 17.5 57.5

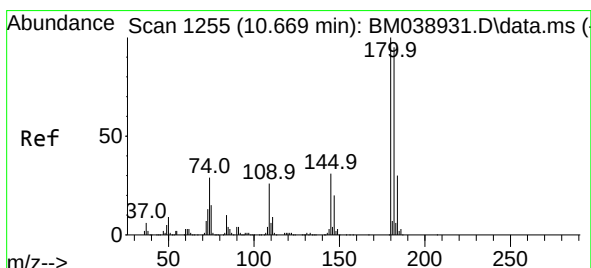
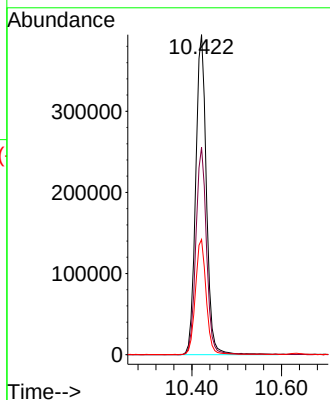
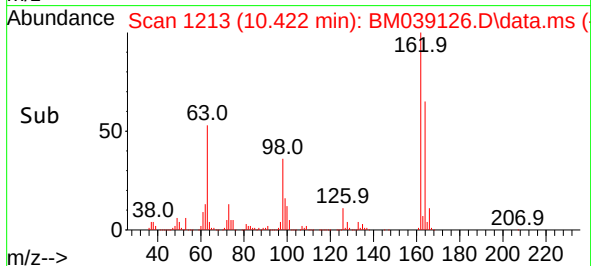
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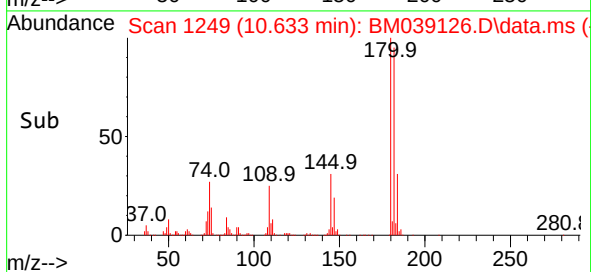
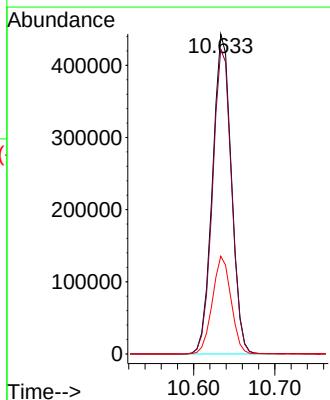
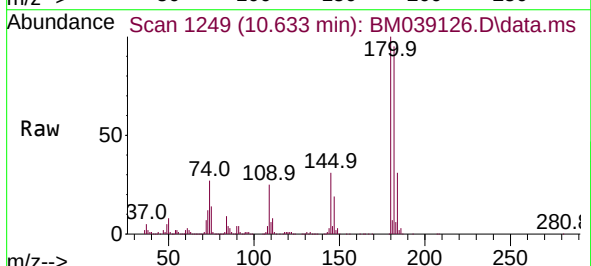
Supervised By :Jagrut
Upadhyay

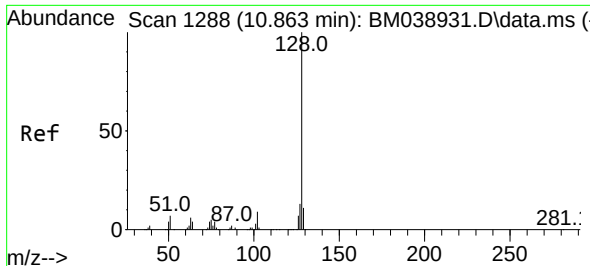
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#30
1,2,4-Trichlorobenzene
Concen: 49.038 ng
RT: 10.633 min Scan# 1249
Delta R.T. -0.012 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

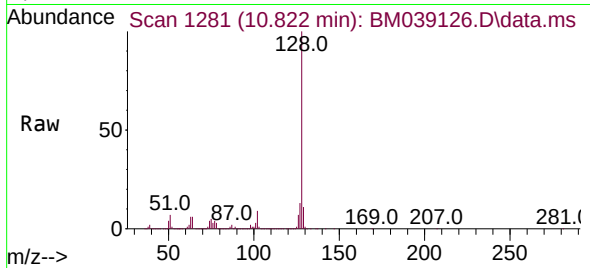
Tgt Ion:180 Resp: 717158
Ion Ratio Lower Upper
180 100
182 95.2 76.3 114.5
145 30.5 25.0 37.4





#31
Naphthalene
Concen: 45.571 ng
RT: 10.822 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Instrument :
BNA_M
ClientSampleId :
032023-1MSD



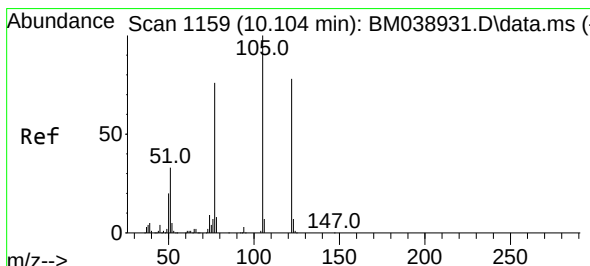
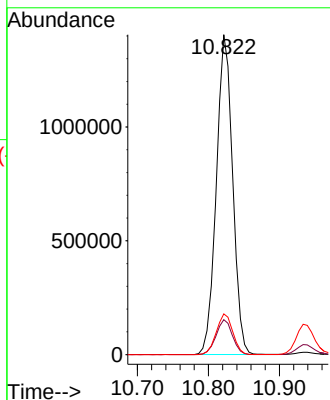
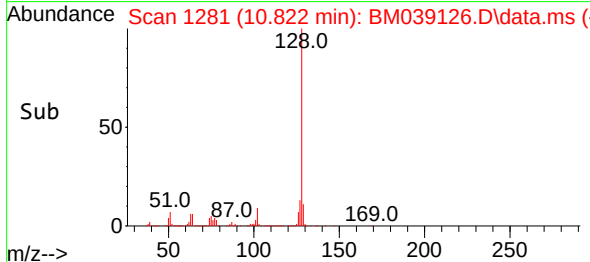
Tgt Ion:128 Resp: 224713
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.8 10.2 15.4

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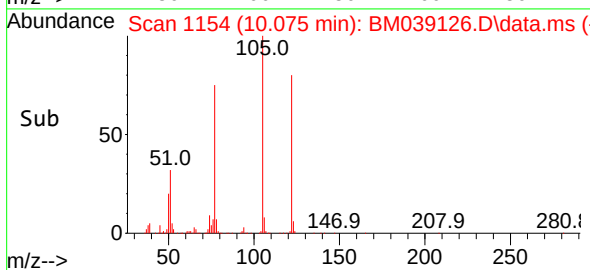
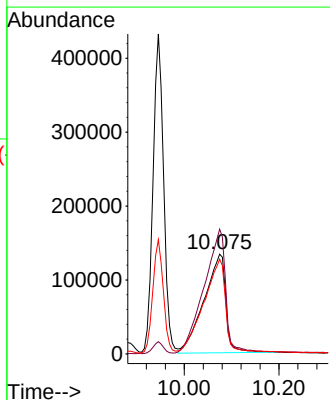
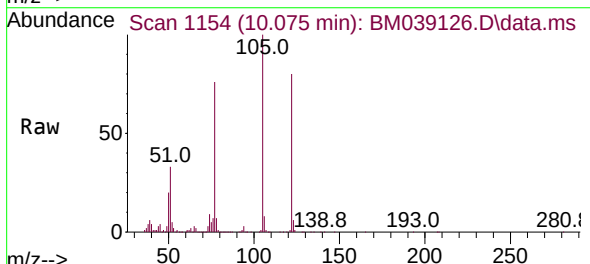
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Supervised By :Jagrut
Upadhyay

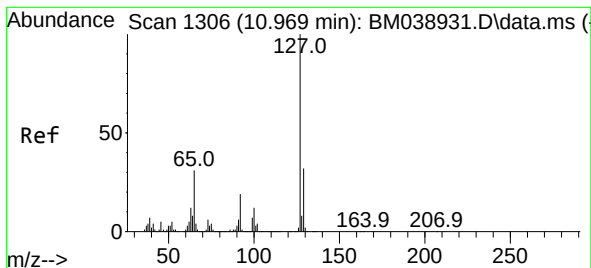
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#32
Benzoic acid
Concen: 42.281 ng
RT: 10.075 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Tgt Ion:122 Resp: 429873
Ion Ratio Lower Upper
122 100
105 125.1 104.2 144.2
77 94.8 75.1 115.1





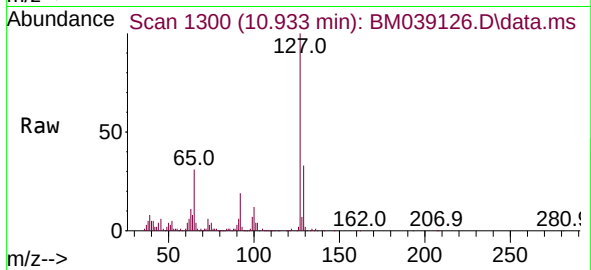
#33
4-Chloroaniline
Concen: 11.654 ng
RT: 10.933 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:127 Resp: 244908
Ion Ratio Lower Upper
127 100
129 33.1 25.4 38.2
65 30.9 24.4 36.6
92 19.5 15.0 22.4

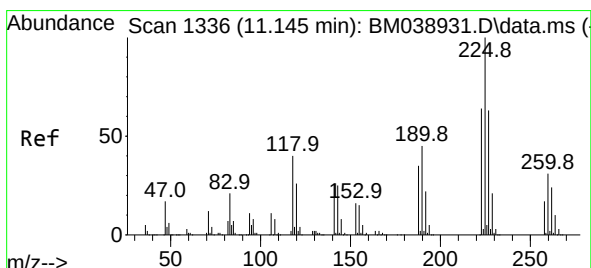
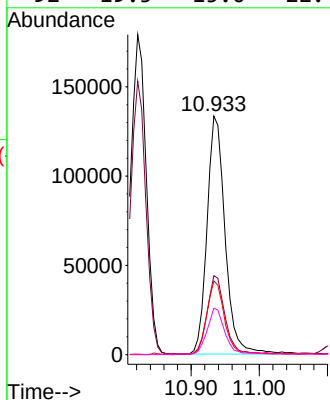
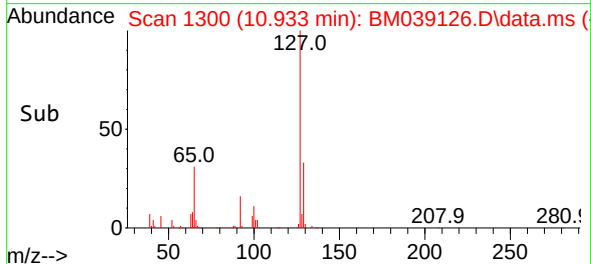
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Giraldo

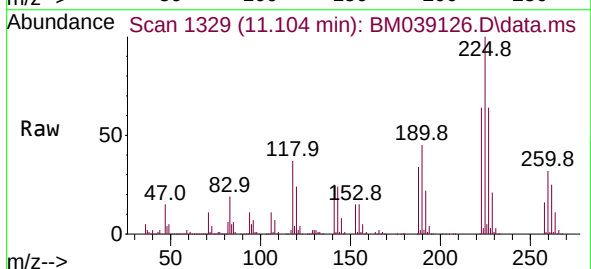
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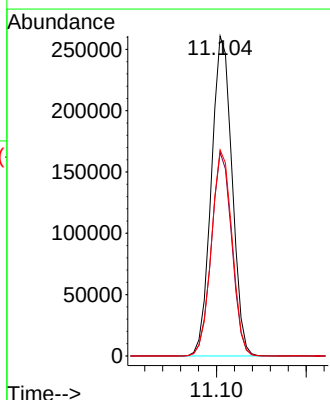
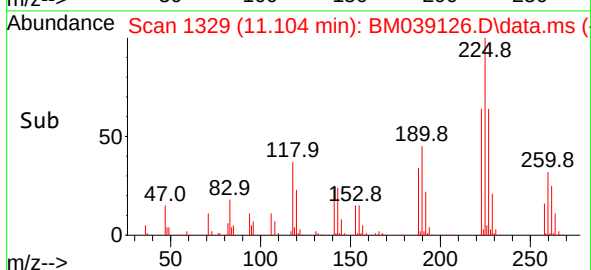
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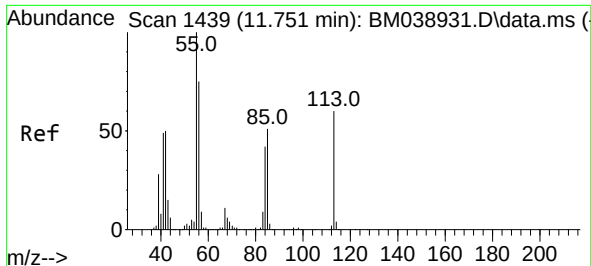


#34
Hexachlorobutadiene
Concen: 49.850 ng
RT: 11.104 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20



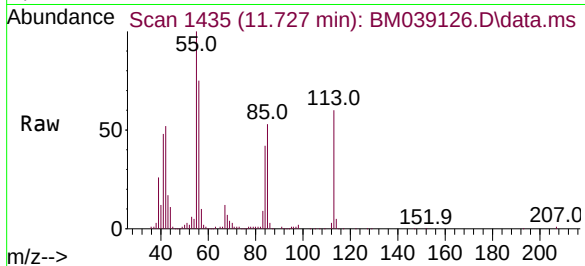
Tgt Ion:225 Resp: 418077
Ion Ratio Lower Upper
225 100
223 63.6 51.3 76.9
227 64.4 50.6 76.0





#35
Caprolactam
Concen: 44.347 ng
RT: 11.727 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Instrument :
BNA_M
ClientSampleId :
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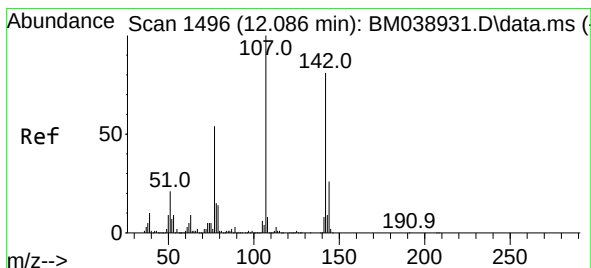
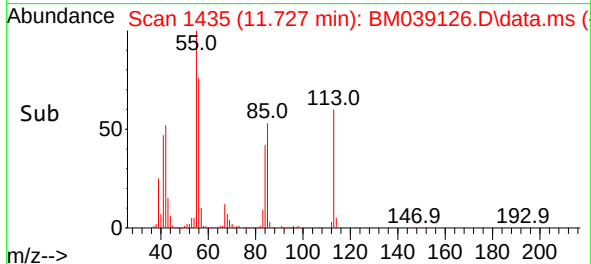
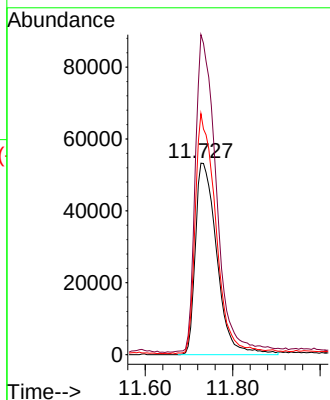
Tgt Ion:113 Resp: 180634
Ion Ratio Lower Upper
113 100
55 167.2 147.0 187.0
56 125.9 105.1 145.1

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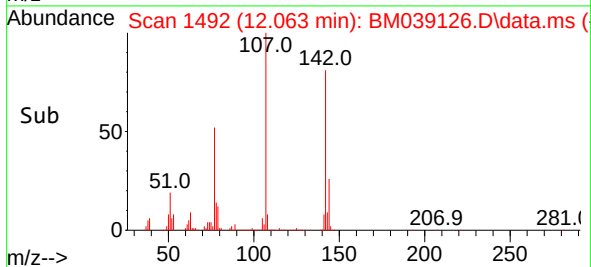
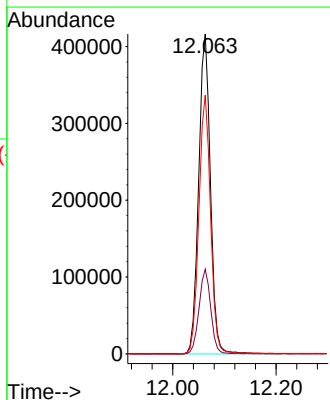
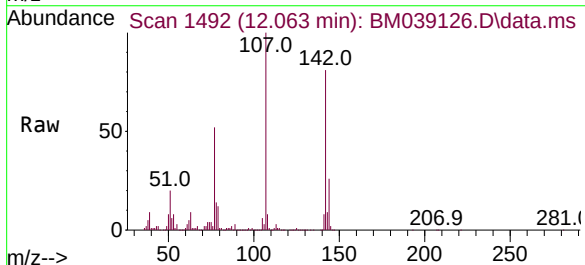
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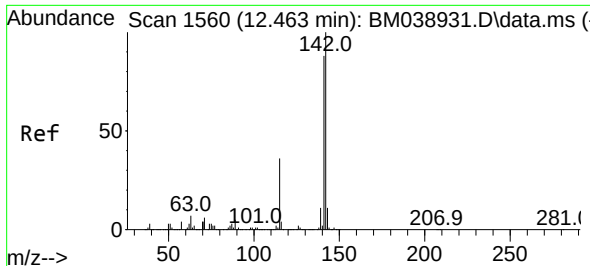
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#36
4-Chloro-3-methylphenol
Concen: 46.123 ng
RT: 12.063 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

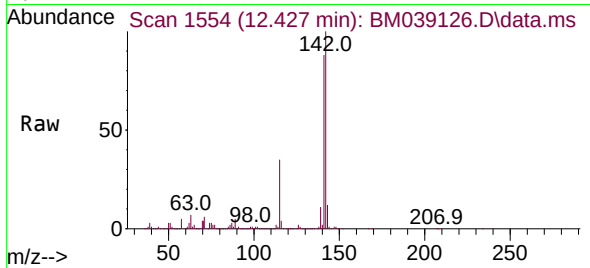
Tgt Ion:107 Resp: 657297
Ion Ratio Lower Upper
107 100
144 26.4 20.7 31.1
142 80.8 64.6 97.0





#37
2-Methylnaphthalene
Concen: 44.133 ng
RT: 12.427 min Scan# 1554
Delta R.T. -0.012 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Instrument :
BNA_M
ClientSampleId :
032023-1MSD



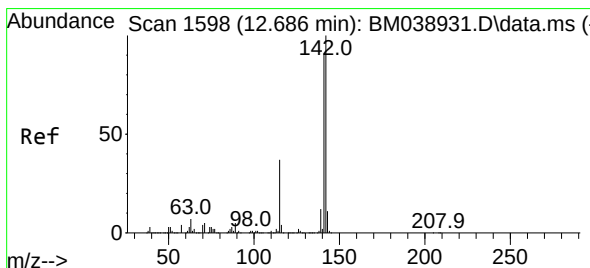
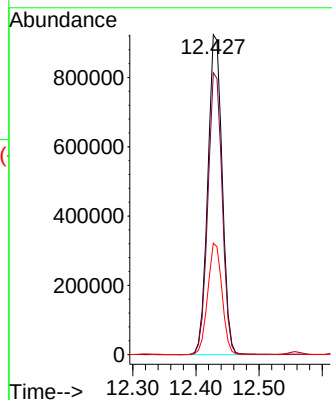
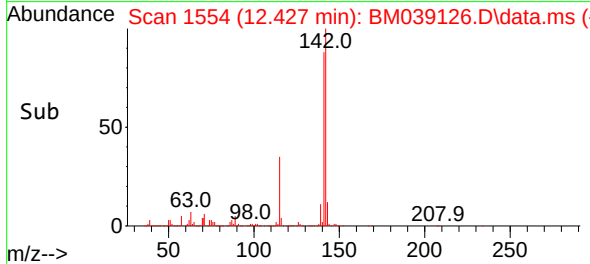
Tgt Ion:142 Resp: 1458610
Ion Ratio Lower Upper
142 100
141 88.1 70.6 106.0
115 34.8 28.5 42.7

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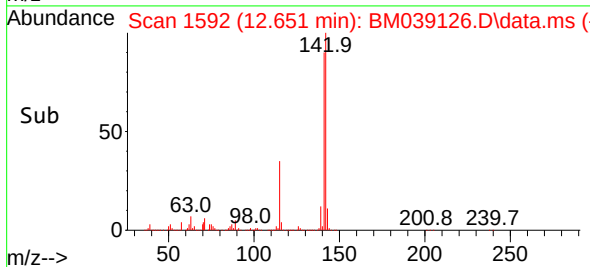
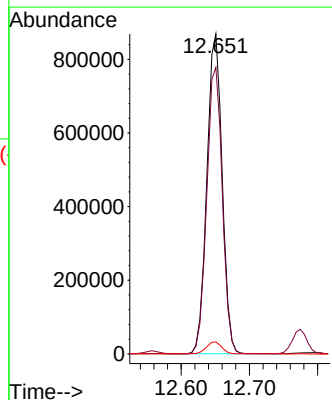
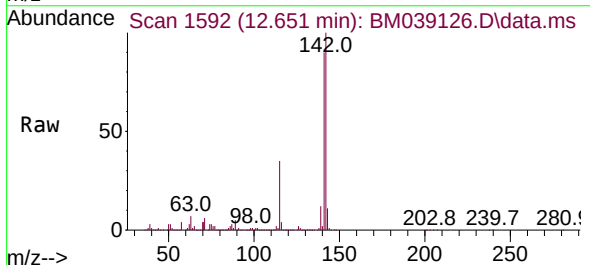
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Upadhyay

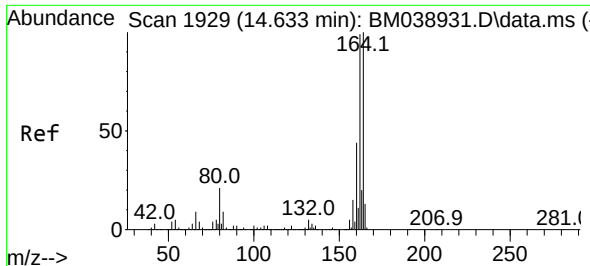
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#38
1-Methylnaphthalene
Concen: 43.707 ng
RT: 12.651 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

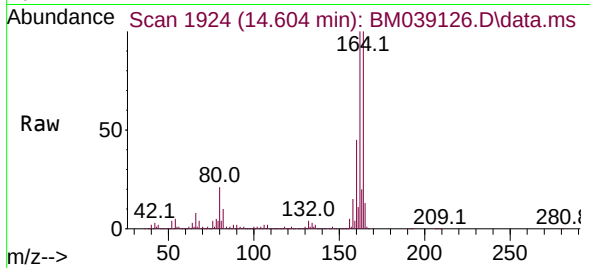
Tgt Ion:142 Resp: 1353724
Ion Ratio Lower Upper
142 100
141 89.5 72.8 109.2
116 3.7 3.0 4.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Instrument :
BNA_M
ClientSampleId :
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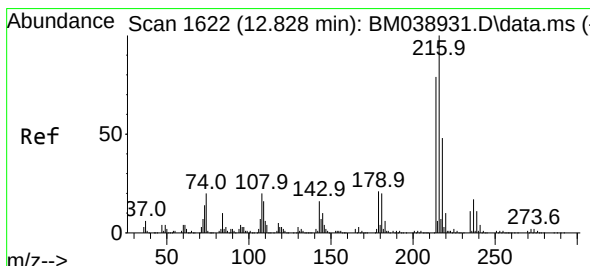
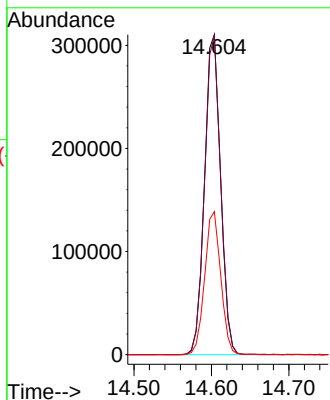
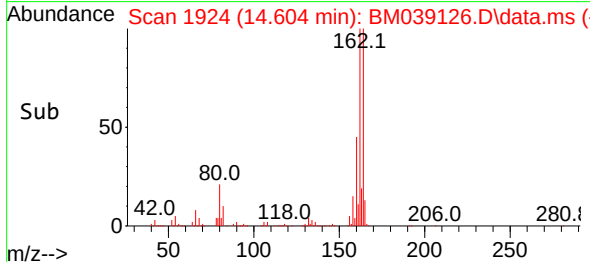
Tgt Ion:164 Resp: 446271
Ion Ratio Lower Upper
164 100
162 99.7 79.2 118.8
160 44.7 35.5 53.3

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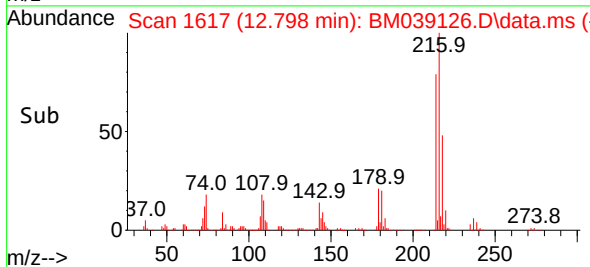
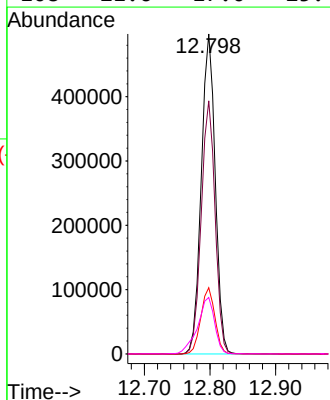
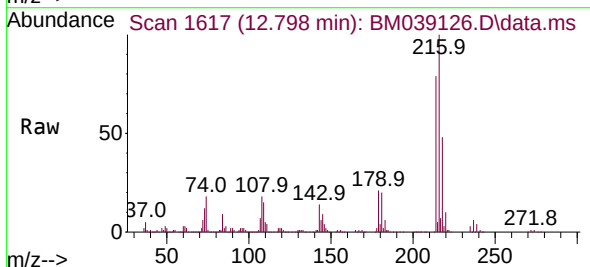
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Supervised By :Jagrut
Upadhyay

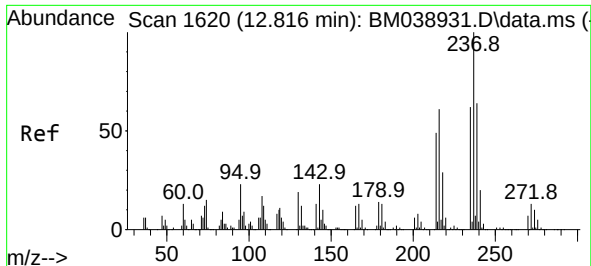
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.398 ng
RT: 12.798 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

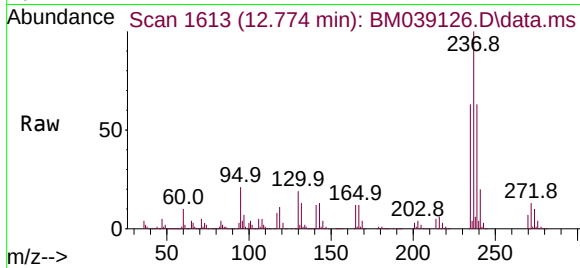
Tgt Ion:216 Resp: 731170
Ion Ratio Lower Upper
216 100
214 78.7 63.0 94.4
179 20.8 16.8 25.2
108 21.6 17.0 25.4





#41
Hexachlorocyclopentadiene
Concen: 99.000 ng
RT: 12.774 min Scan# 1613
Delta R.T. -0.012 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Instrument :
BNA_M
ClientSampleId :
032023-1MSD



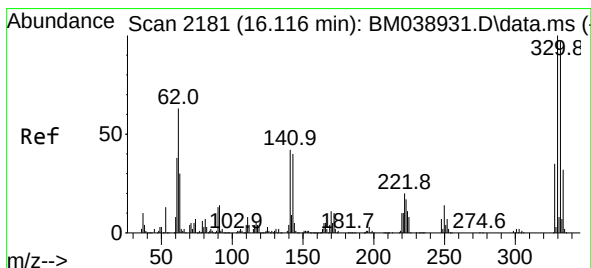
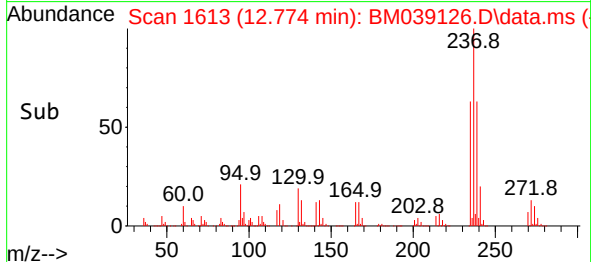
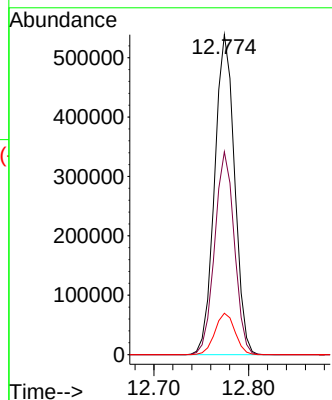
Tgt Ion:237 Resp: 788393
Ion Ratio Lower Upper
237 100
235 63.4 41.7 81.7
272 12.9 0.0 33.2

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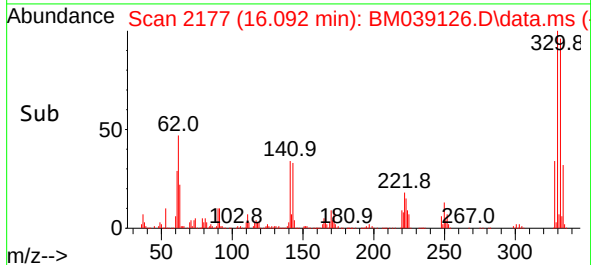
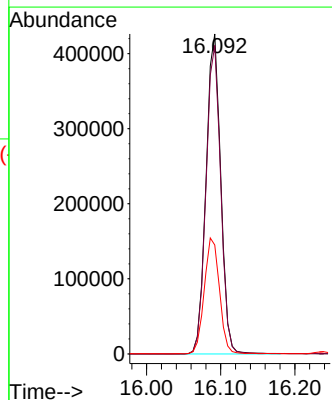
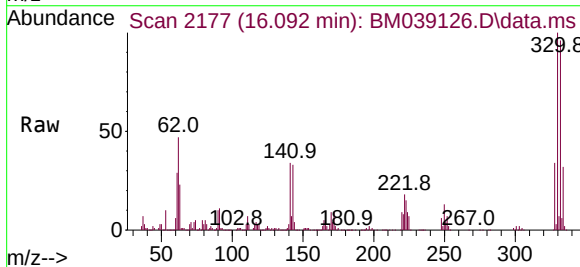
03/24/2023
Supervised By :Jagrut
Upadhyay

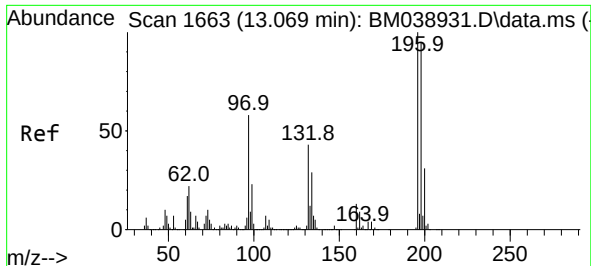
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#42
2,4,6-Tribromophenol
Concen: 113.587 ng
RT: 16.092 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

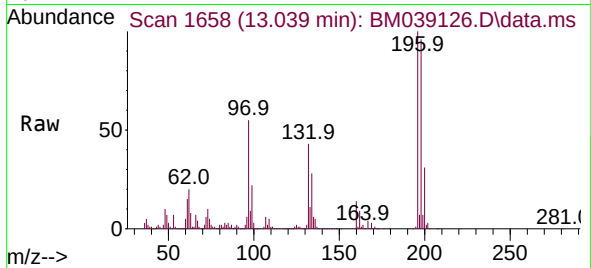
Tgt Ion:330 Resp: 586409
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.0
141 37.5 32.2 48.4





#43
2,4,6-Trichlorophenol
Concen: 50.224 ng
RT: 13.039 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Instrument :
BNA_M
ClientSampleId :
032023-1MSD



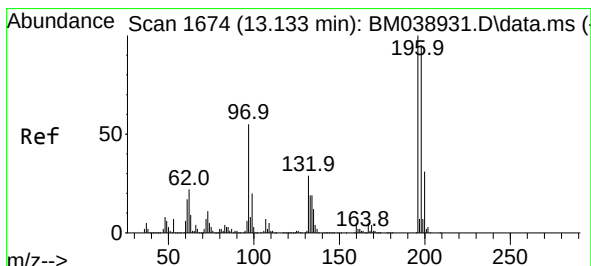
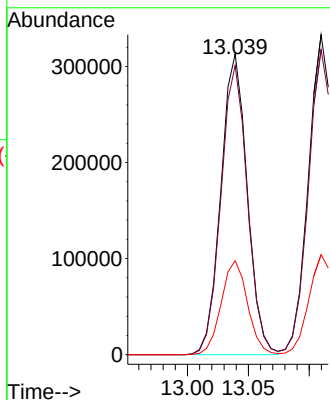
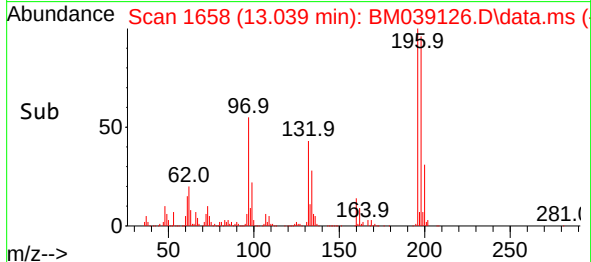
Tgt Ion:196 Resp: 471840
Ion Ratio Lower Upper
196 100
198 96.2 75.8 113.8
200 31.2 25.0 37.4

Manual Integrations
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Reviewed By :Christian
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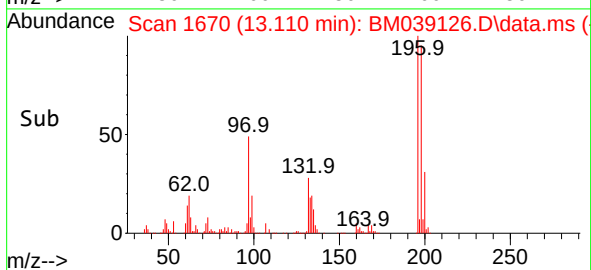
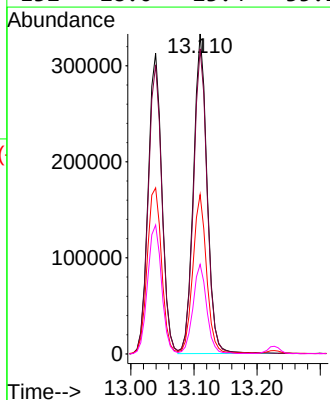
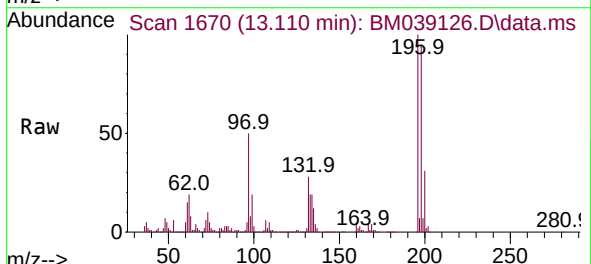
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Supervised By :Jagrut
Upadhyay

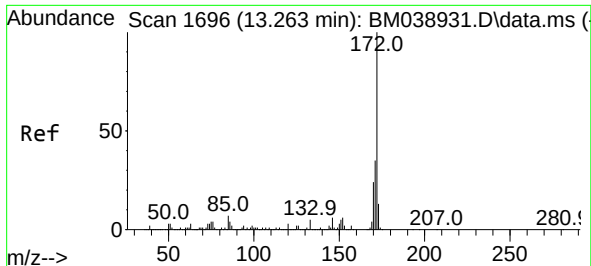
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#44
2,4,5-Trichlorophenol
Concen: 45.565 ng
RT: 13.110 min Scan# 1670
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

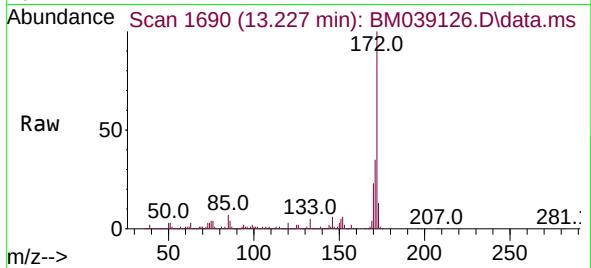
Tgt Ion:196 Resp: 501056
Ion Ratio Lower Upper
196 100
198 95.3 76.3 114.5
97 49.8 44.2 66.4
132 28.0 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 70.064 ng
RT: 13.227 min Scan# 1696
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Instrument :
BNA_M
ClientSampleId :
032023-1MSD



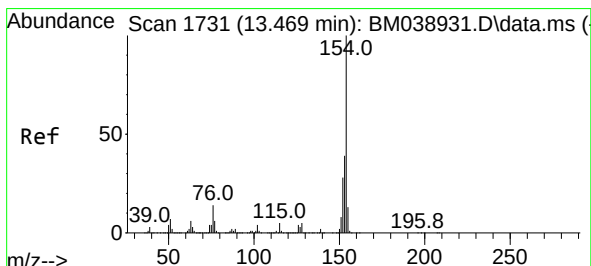
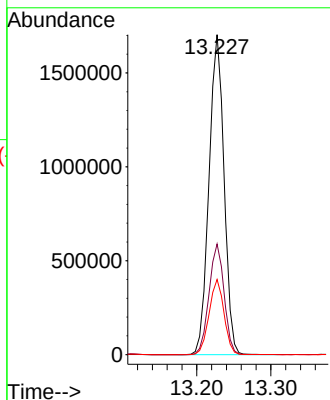
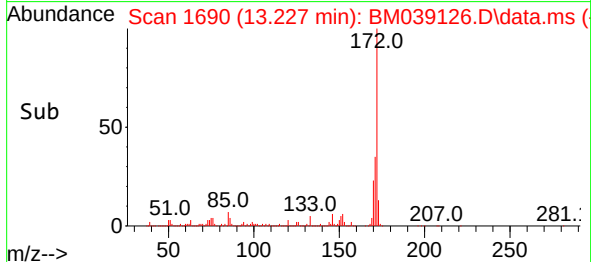
Tgt Ion:172 Resp: 240188
Ion Ratio Lower Upper
172 100
171 34.6 28.2 42.2
170 23.5 19.1 28.7

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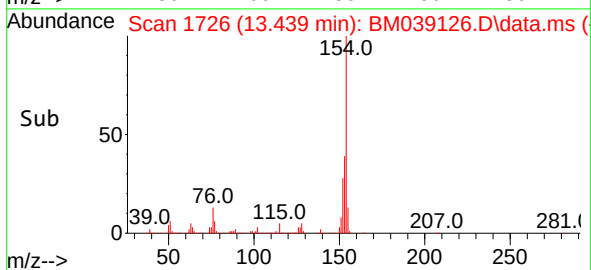
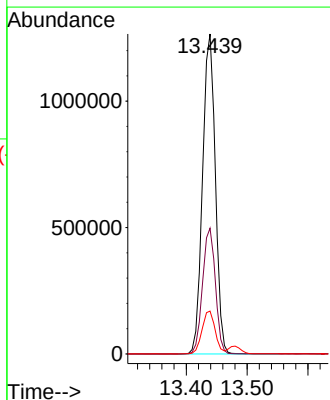
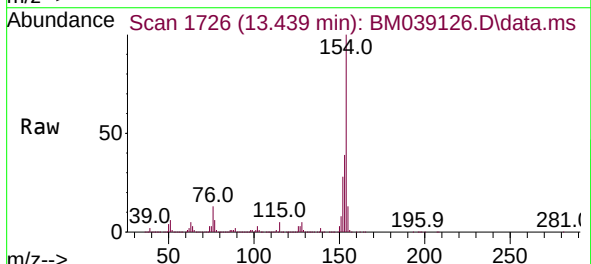
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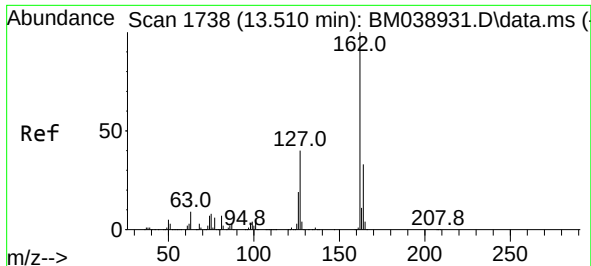
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#46
1,1'-Biphenyl
Concen: 48.616 ng
RT: 13.439 min Scan# 1726
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Tgt Ion:154 Resp: 1838026
Ion Ratio Lower Upper
154 100
153 39.3 19.3 59.3
76 13.4 0.0 34.0





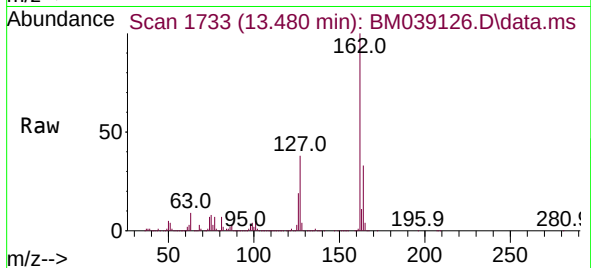
#47
2-Chloronaphthalene
Concen: 48.549 ng
RT: 13.480 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:162 Resp: 1384089
Ion Ratio Lower Upper
162 100
127 38.5 32.1 48.1
164 32.7 26.2 39.4

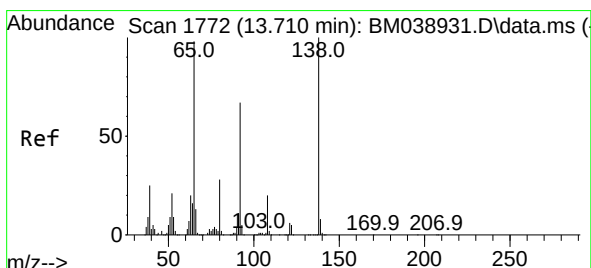
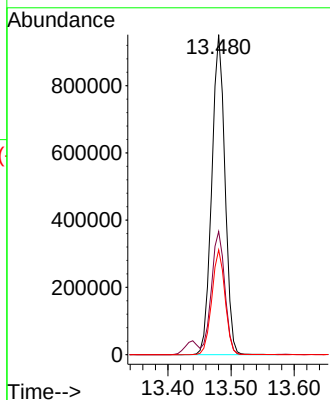
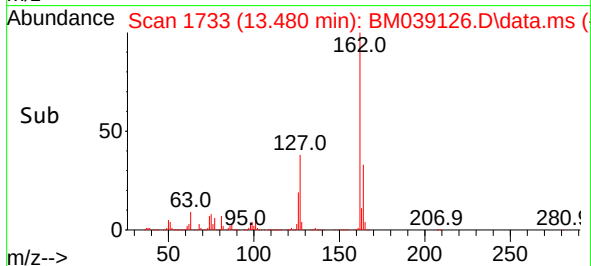
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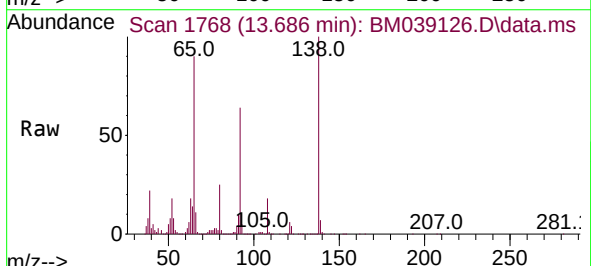
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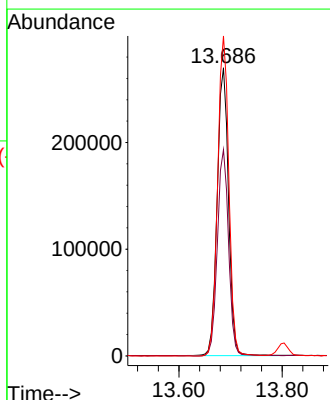
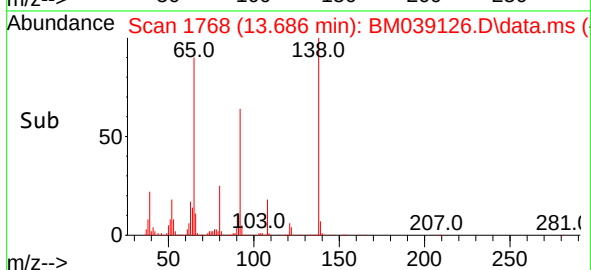
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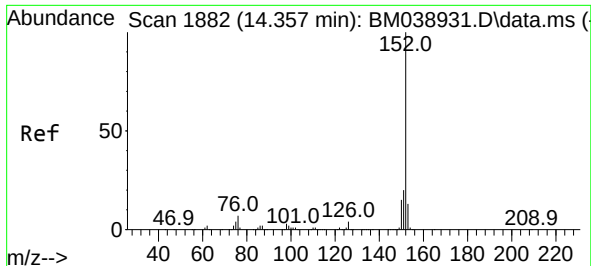


#48
2-Nitroaniline
Concen: 45.098 ng
RT: 13.686 min Scan# 1768
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20



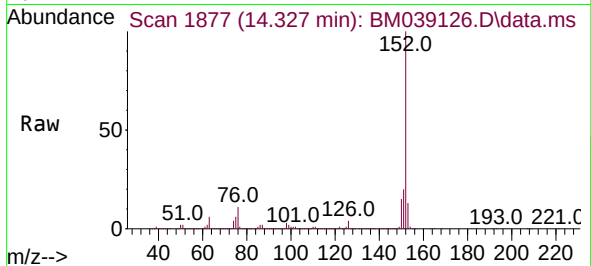
Tgt Ion: 65 Resp: 410361
Ion Ratio Lower Upper
65 100
92 71.6 54.9 82.3
138 111.1 81.6 122.4





#49
Acenaphthylene
Concen: 46.888 ng
RT: 14.327 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Instrument :
BNA_M
ClientSampleId :
032023-1MSD



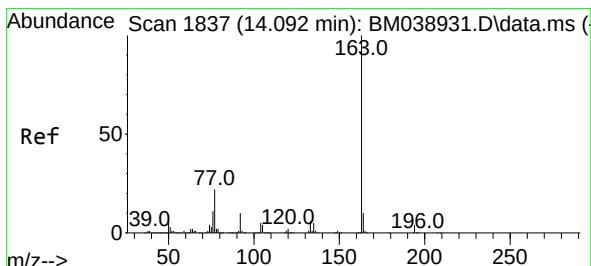
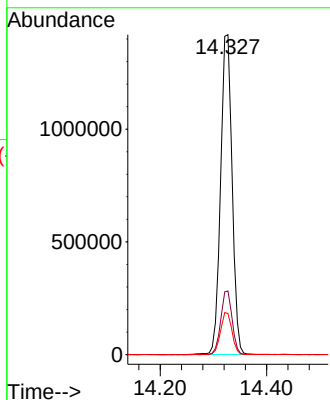
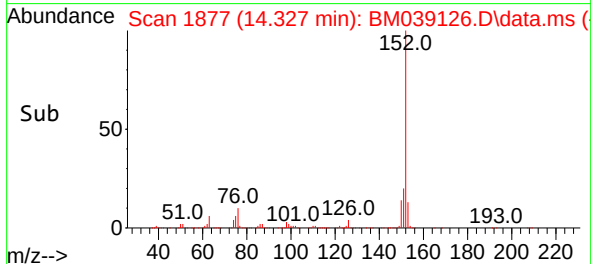
Tgt Ion:152 Resp: 2129209
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 12.9 10.4 15.6

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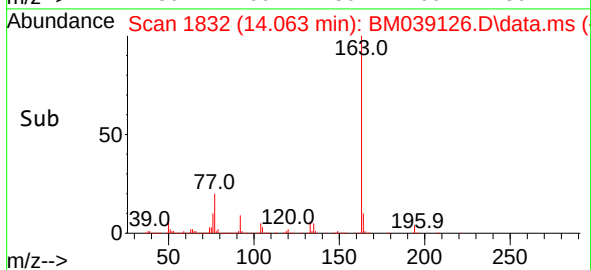
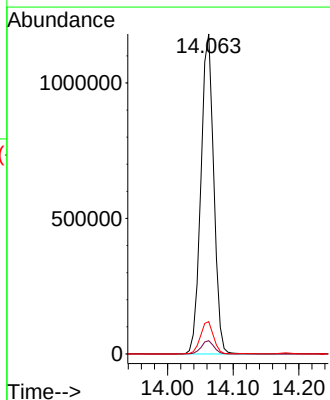
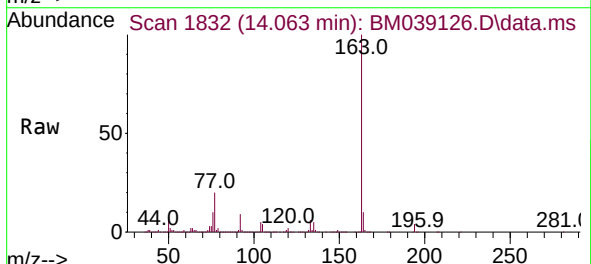
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Supervised By :Jagrut
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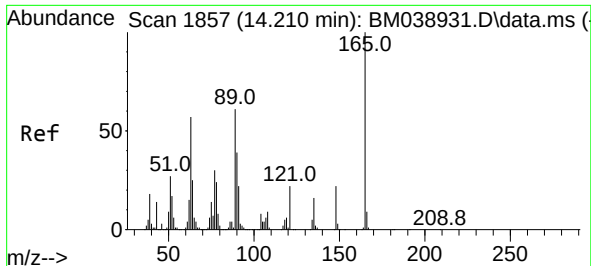
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#50
Dimethylphthalate
Concen: 46.499 ng
RT: 14.063 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

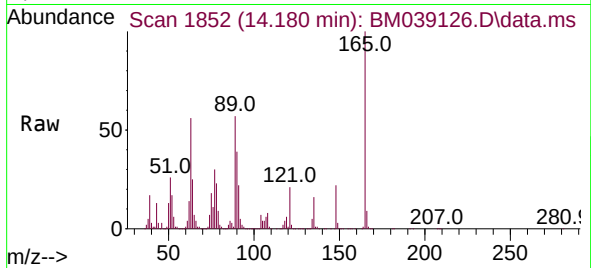
Tgt Ion:163 Resp: 1596790
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.1 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 46.055 ng
RT: 14.180 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Instrument :
BNA_M
ClientSampleId :
032023-1MSD



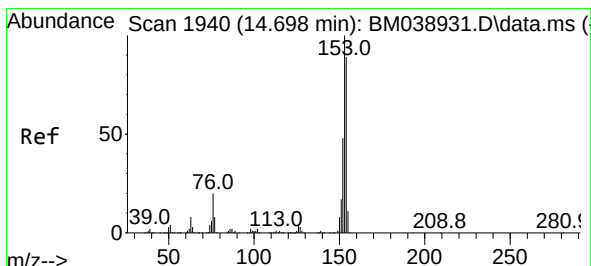
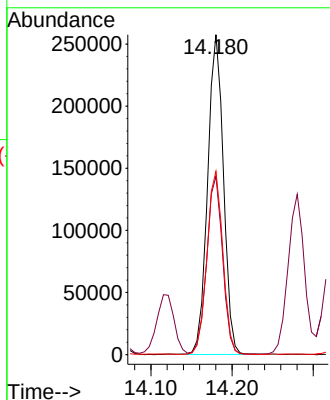
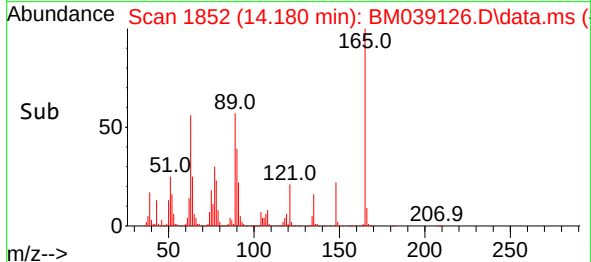
Tgt Ion:165 Resp: 349346
Ion Ratio Lower Upper
165 100
63 55.8 46.6 70.0
89 57.3 48.6 73.0

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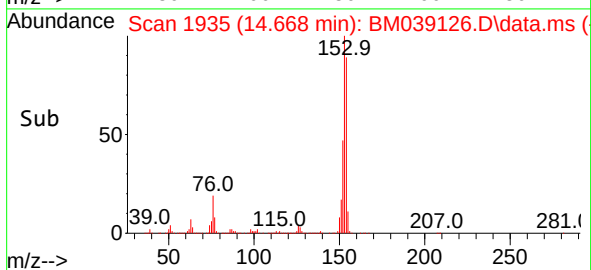
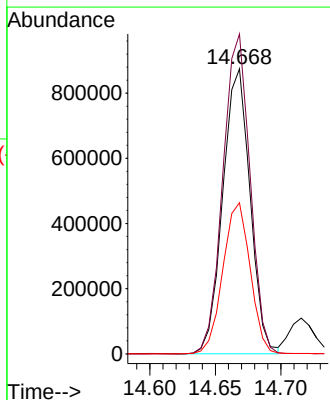
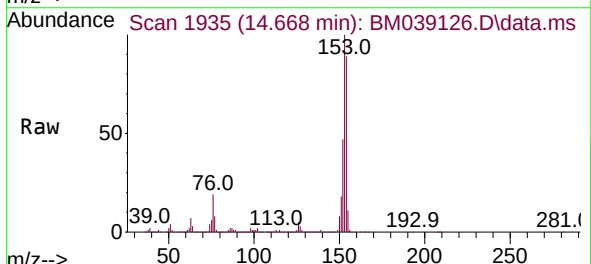
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Upadhyay

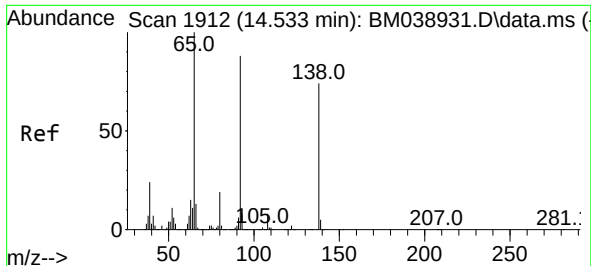
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#52
Acenaphthene
Concen: 45.528 ng
RT: 14.668 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

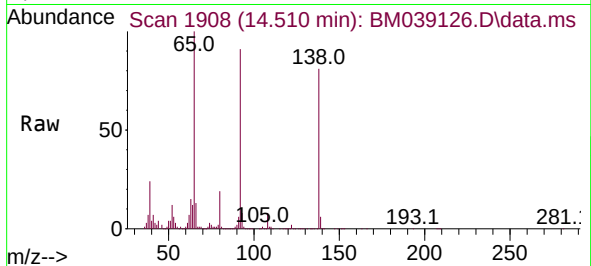
Tgt Ion:154 Resp: 1270595
Ion Ratio Lower Upper
154 100
153 112.3 90.2 135.2
152 53.0 43.4 65.2





#53
3-Nitroaniline
Concen: 27.292 ng
RT: 14.510 min Scan# 1908
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Instrument :
BNA_M
ClientSampleId :
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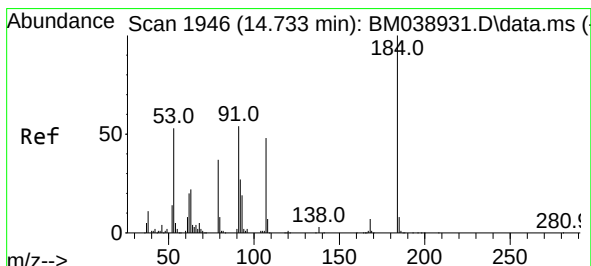
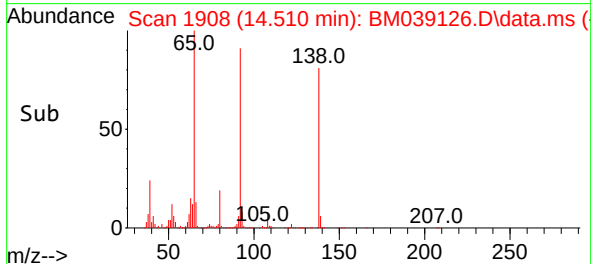
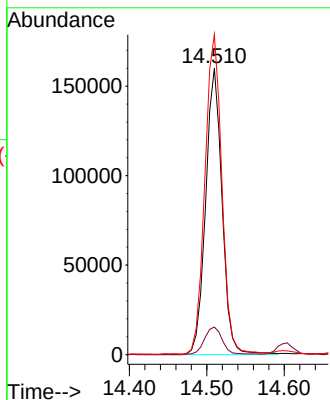
Tgt Ion:138 Resp: 236000
Ion Ratio Lower Upper
138 100
108 9.7 8.3 12.5
92 111.8 95.8 143.8

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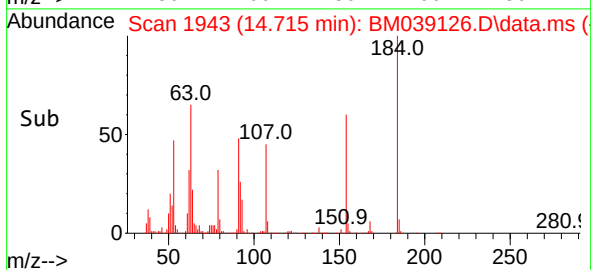
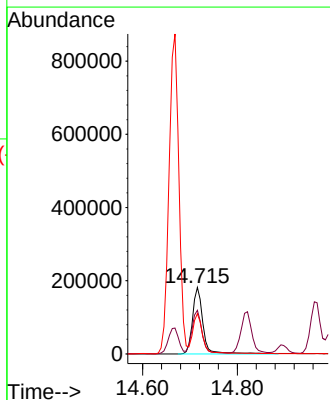
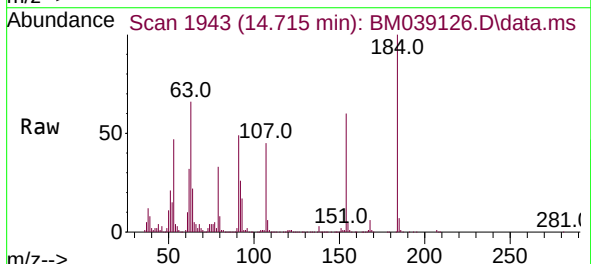
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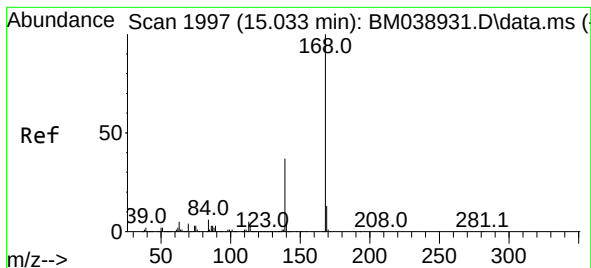
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#54
2,4-Dinitrophenol
Concen: 64.696 ng
RT: 14.715 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

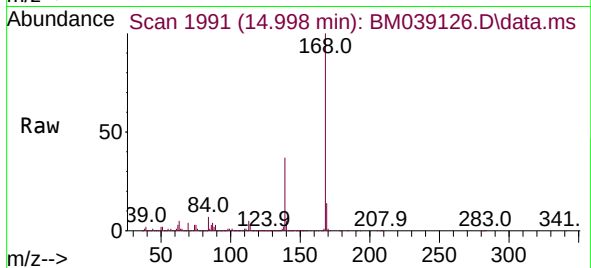
Tgt Ion:184 Resp: 277769
Ion Ratio Lower Upper
184 100
63 65.5 60.6 90.8
154 60.5 51.4 77.2





#55
Dibenzenofuran
Concen: 44.813 ng
RT: 14.998 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Instrument :
BNA_M
ClientSampleId :
032023-1MSD



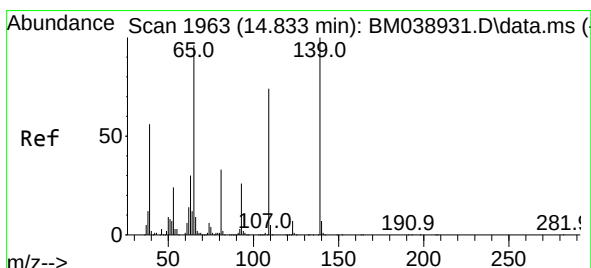
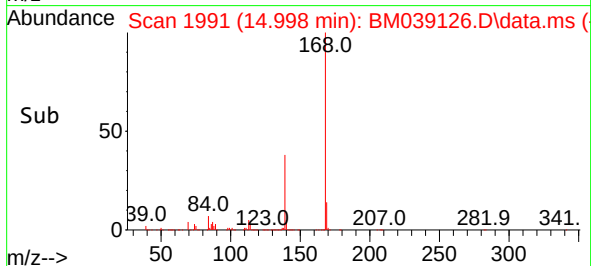
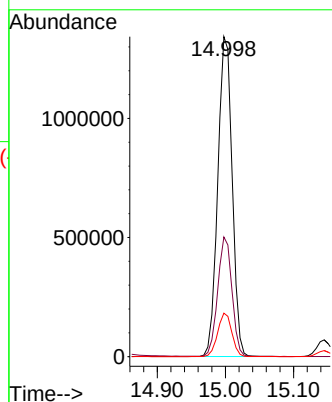
Tgt Ion:168 Resp: 1957061
Ion Ratio Lower Upper
168 100
139 37.4 29.9 44.9
169 13.6 10.7 16.1

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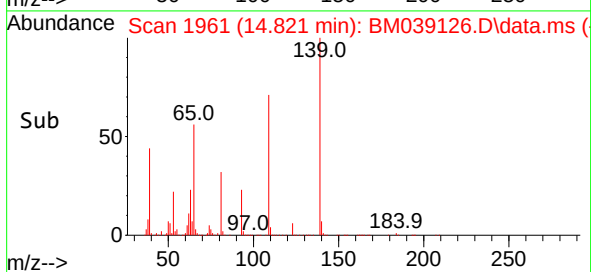
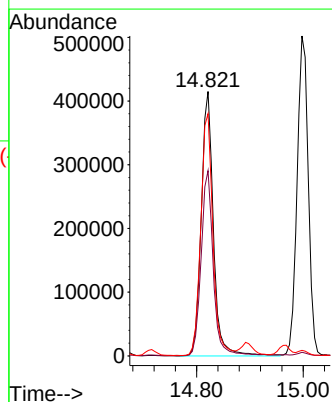
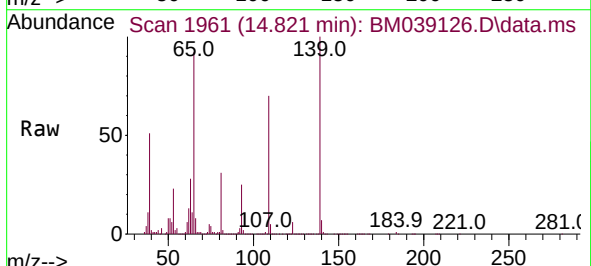
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Supervised By :Jagrut
Upadhyay

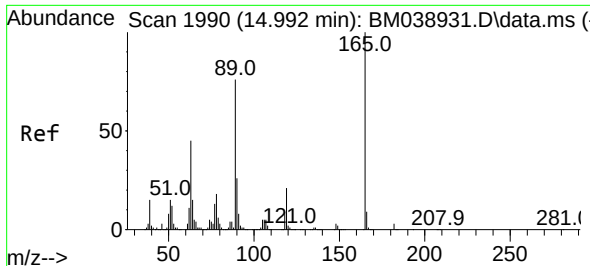
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#56
4-Nitrophenol
Concen: 95.935 ng
RT: 14.821 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Tgt Ion:139 Resp: 654281
Ion Ratio Lower Upper
139 100
109 70.1 53.5 93.5
65 91.6 76.4 116.4





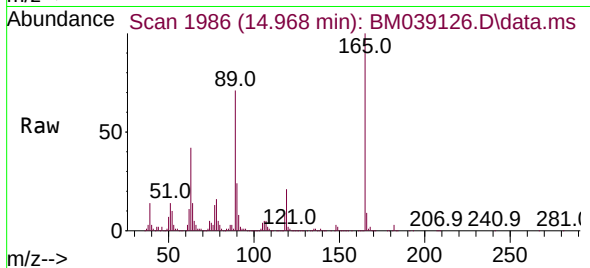
#57
2,4-Dinitrotoluene
Concen: 46.427 ng
RT: 14.968 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Instrument :

BNA_M

ClientSampleId :

032023-1MSD



Tgt Ion:165 Resp: 463307
Ion Ratio Lower Upper
165 100
63 41.6 35.9 53.9
89 70.5 61.0 91.6
182 2.7 2.1 3.1

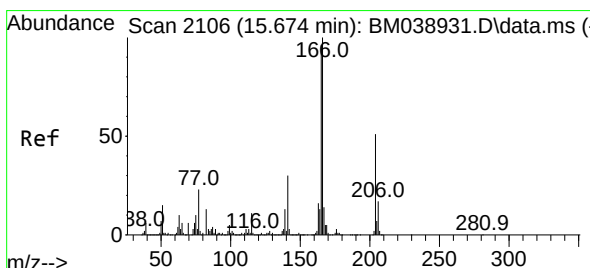
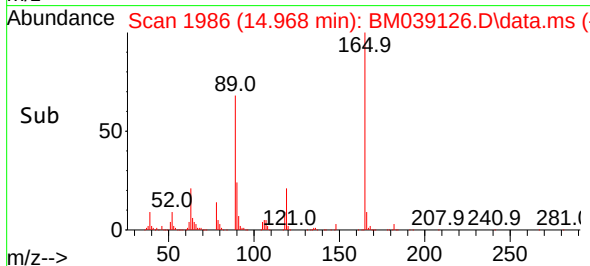
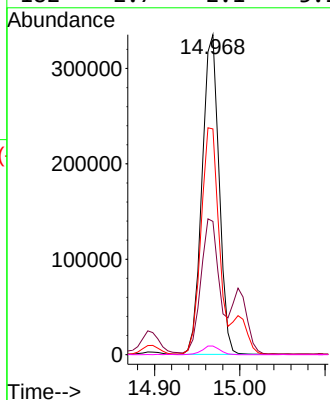
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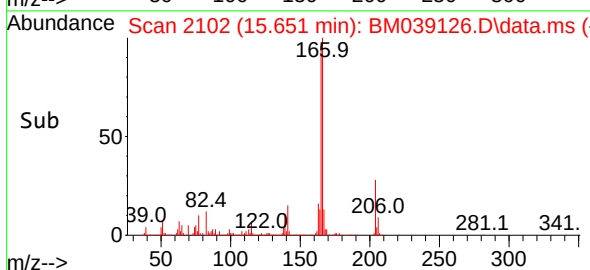
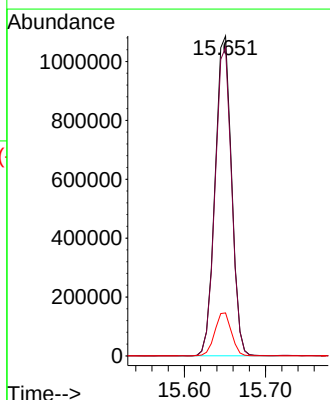
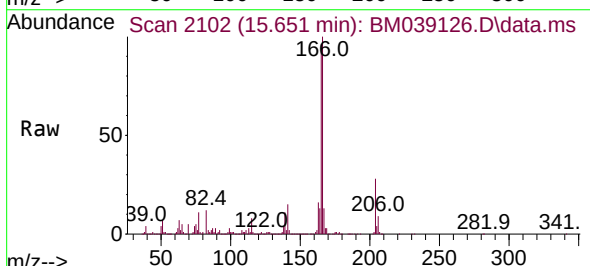
Supervised By :Jagrut
Upadhyay

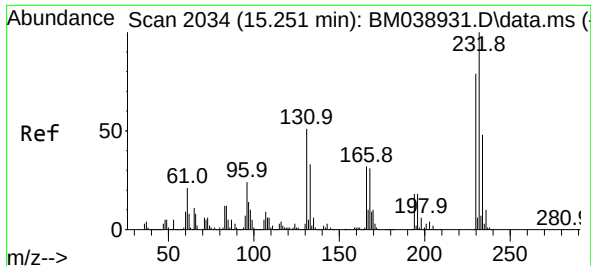
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#58
Fluorene
Concen: 44.716 ng
RT: 15.651 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

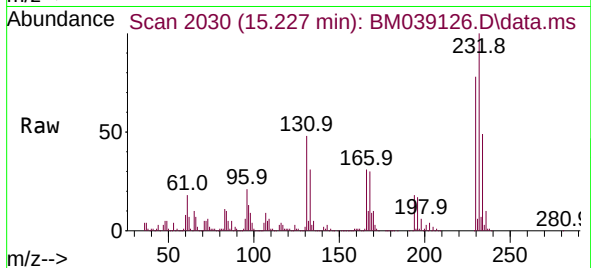
Tgt Ion:166 Resp: 1529714
Ion Ratio Lower Upper
166 100
165 96.4 77.1 115.7
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.385 ng
RT: 15.227 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Instrument :
BNA_M
ClientSampleId :
032023-1MSD



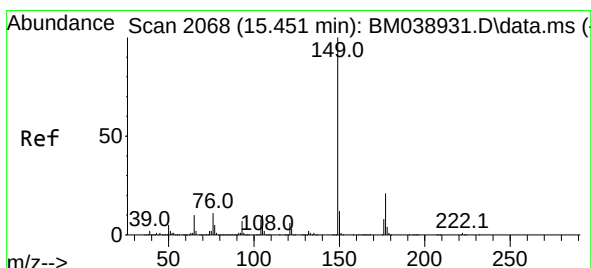
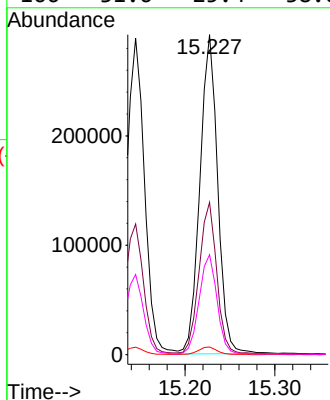
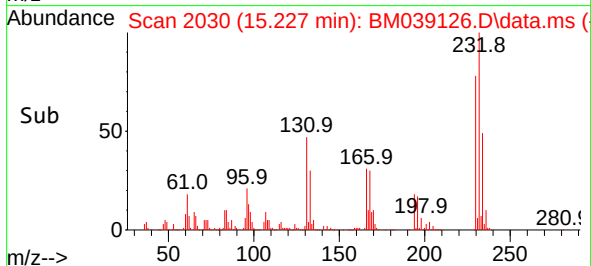
Tgt Ion:232 Resp: 401859
Ion Ratio Lower Upper
232 100
131 47.9 40.0 60.0
130 2.5 2.0 3.0
166 31.6 25.4 38.0

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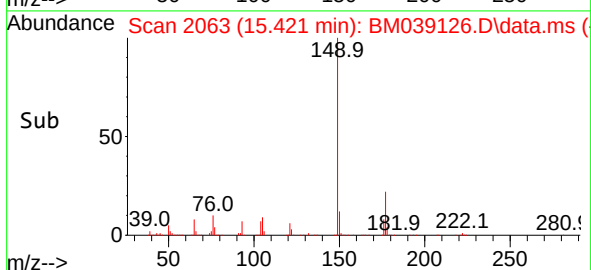
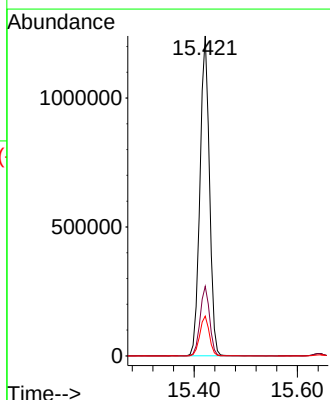
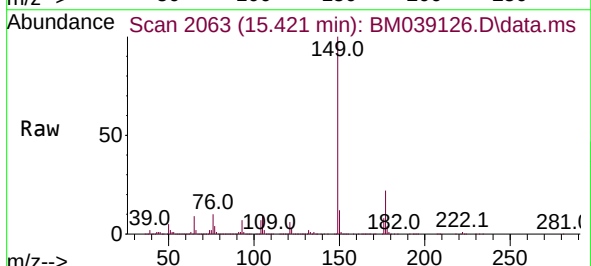
03/24/2023
Supervised By :Jagrut
Upadhyay

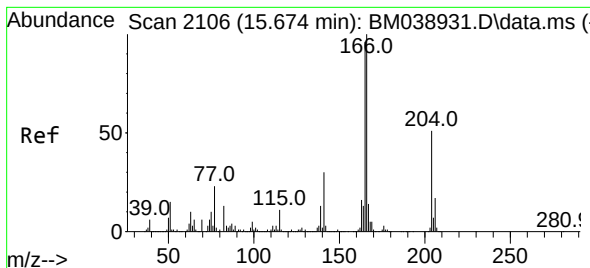
03/24/2023



#60
Diethylphthalate
Concen: 47.190 ng
RT: 15.421 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

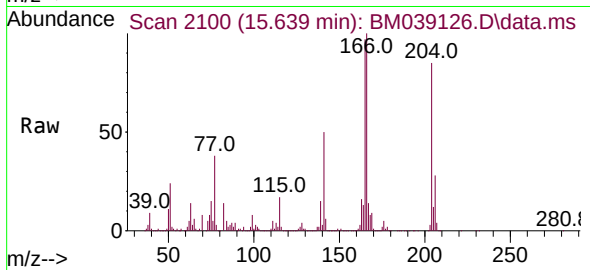
Tgt Ion:149 Resp: 1576783
Ion Ratio Lower Upper
149 100
177 21.8 17.1 25.7
150 12.5 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 45.024 ng
RT: 15.639 min Scan# 2100
Delta R.T. -0.012 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Instrument :
BNA_M
ClientSampleId :
032023-1MSD



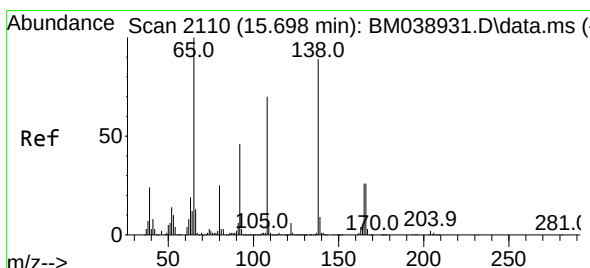
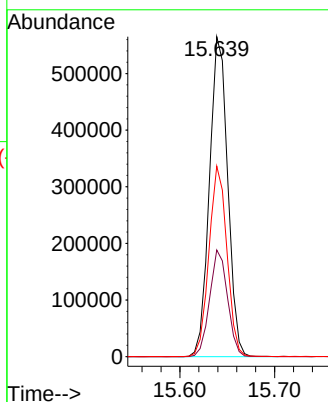
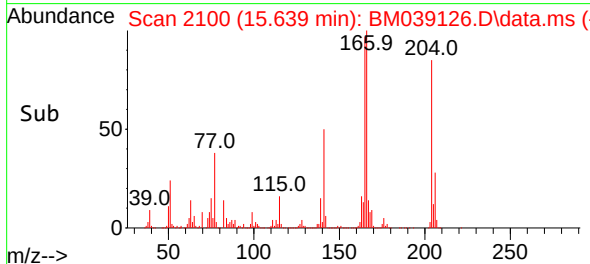
Tgt Ion:204 Resp: 756674
Ion Ratio Lower Upper
204 100
206 33.3 26.4 39.6
141 59.5 46.4 69.6

Manual Integrations
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Reviewed By :Christian
Giraldo

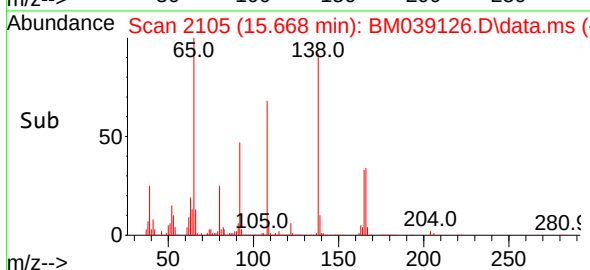
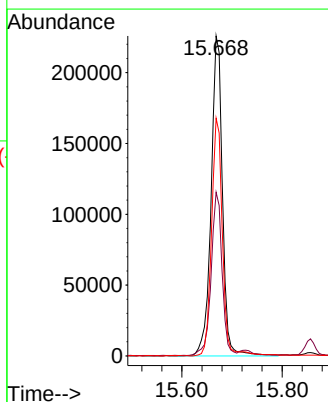
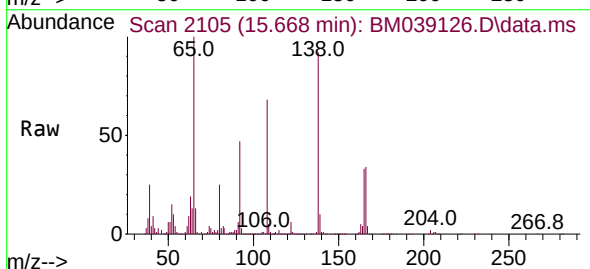
03/24/2023
Supervised By :Jagrut
Upadhyay

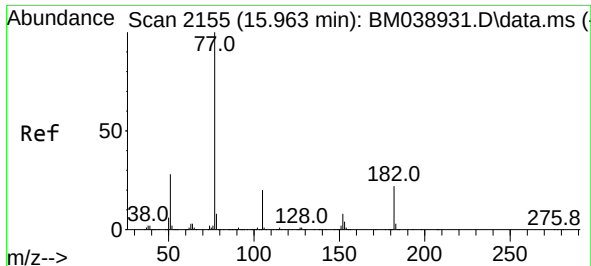
03/24/2023



#62
4-Nitroaniline
Concen: 39.803 ng
RT: 15.668 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

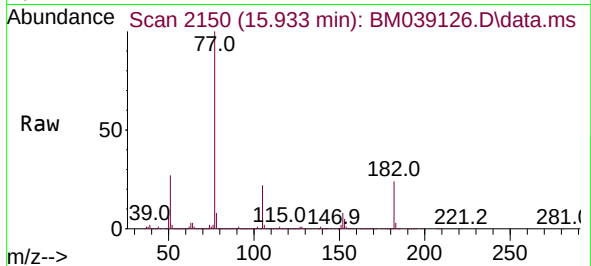
Tgt Ion:138 Resp: 356880
Ion Ratio Lower Upper
138 100
92 51.1 31.6 71.6
108 74.3 58.6 98.6





#63
Azobenzene
Concen: 45.633 ng
RT: 15.933 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Instrument :
BNA_M
ClientSampleId :
032023-1MSD



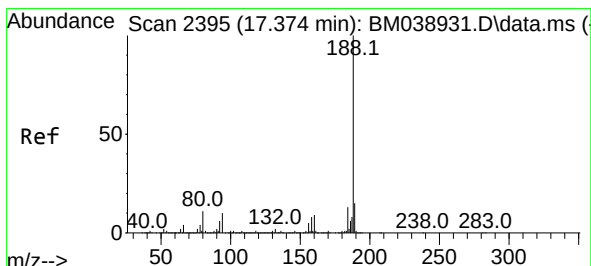
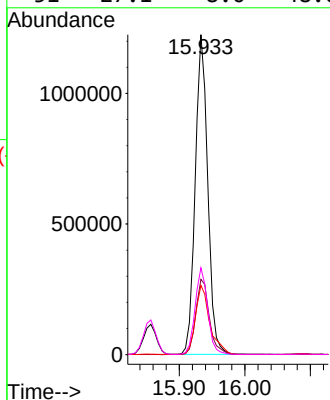
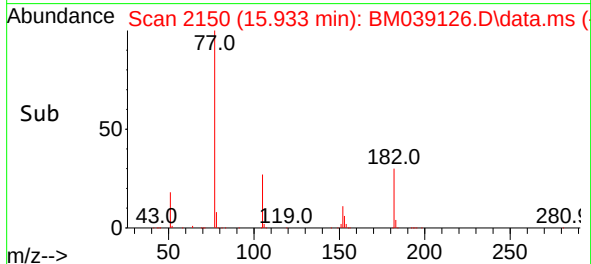
Tgt Ion: 77 Resp: 1613349
Ion Ratio Lower Upper
77 100
182 23.5 2.0 42.0
105 21.6 0.4 40.4
51 27.1 8.0 48.0

Manual Integrations
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Reviewed By :Christian
Giraldo

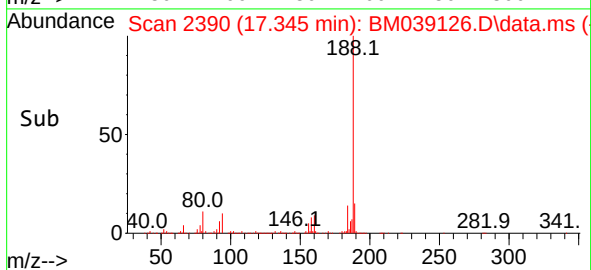
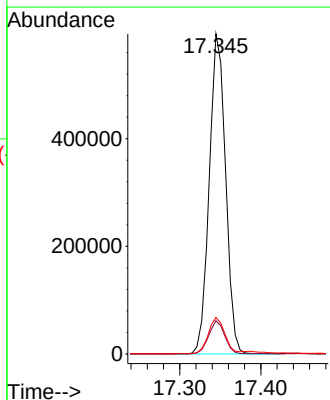
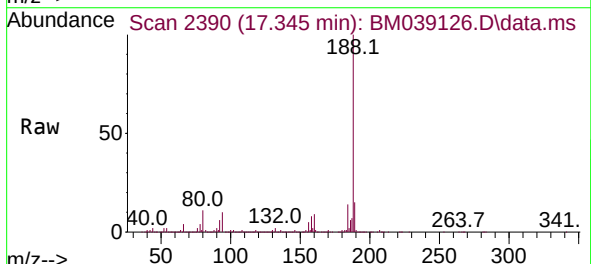
03/24/2023
Supervised By :Jagrut
Upadhyay

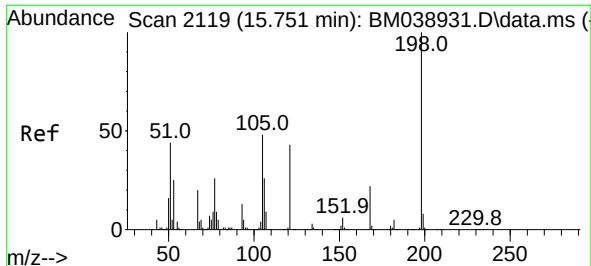
03/24/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.345 min Scan# 2390
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Tgt Ion:188 Resp: 833174
Ion Ratio Lower Upper
188 100
94 10.4 7.9 11.9
80 11.4 8.5 12.7





#65
4,6-Dinitro-2-methylphenol
Concen: 37.198 ng
RT: 15.727 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Instrument :
BNA_M
ClientSampleId :
032023-1MSD

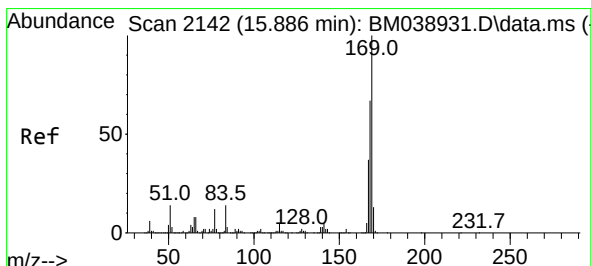
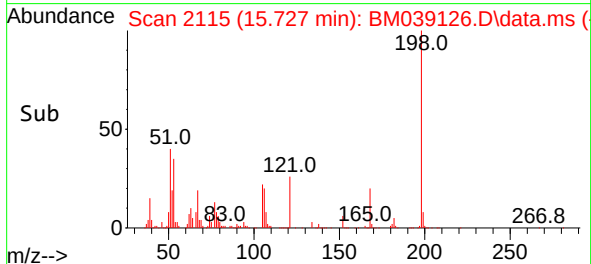
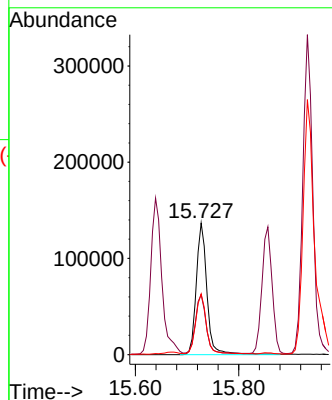
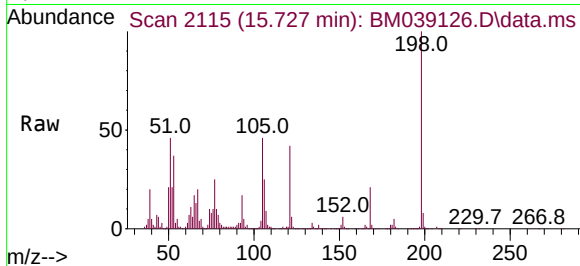
Tgt Ion:198 Resp: 196661
Ion Ratio Lower Upper
198 100
51 45.5 30.1 70.1
105 46.1 29.3 69.3

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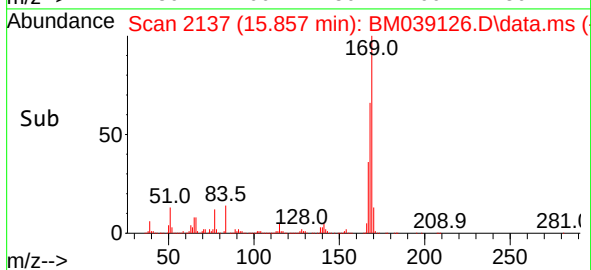
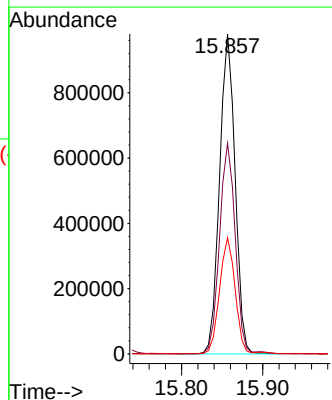
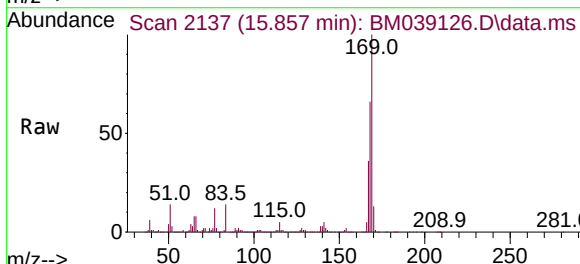
03/24/2023
Supervised By :Jagrut
Upadhyay

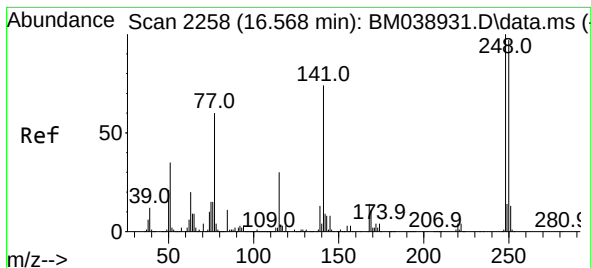
03/24/2023



#66
n-Nitrosodiphenylamine
Concen: 46.211 ng
RT: 15.857 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

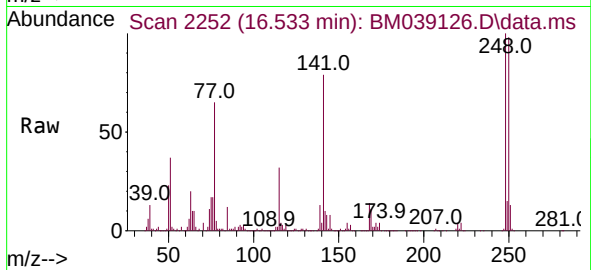
Tgt Ion:169 Resp: 1297981
Ion Ratio Lower Upper
169 100
168 65.8 53.4 80.0
167 36.3 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 48.527 ng
RT: 16.533 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Instrument :
BNA_M
ClientSampleId :
032023-1MSD



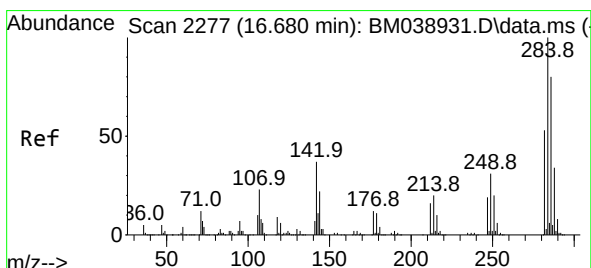
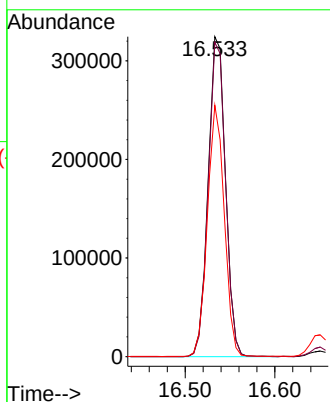
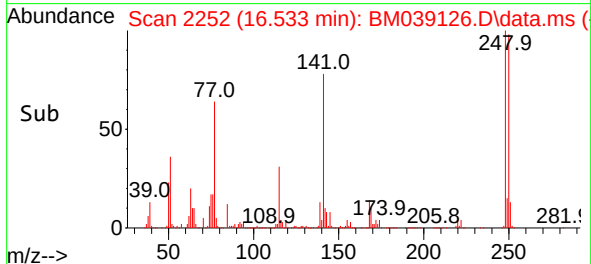
Tgt Ion:248 Resp: 43670
Ion Ratio Lower Upper
248 100
250 98.2 77.8 116.8
141 78.5 59.0 88.4

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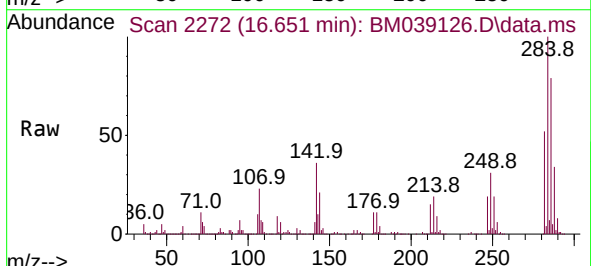
Reviewed By :Christian
Giraldo

03/24/2023
Supervised By :Jagrut
Upadhyay

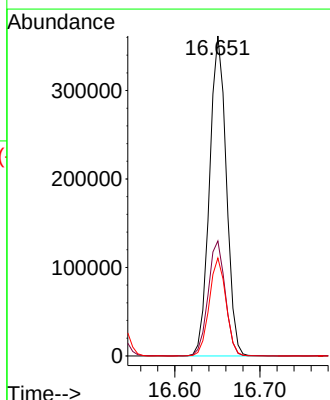
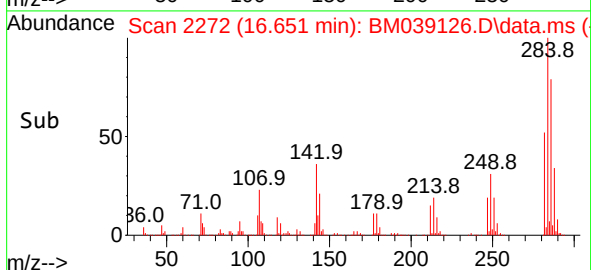
03/24/2023

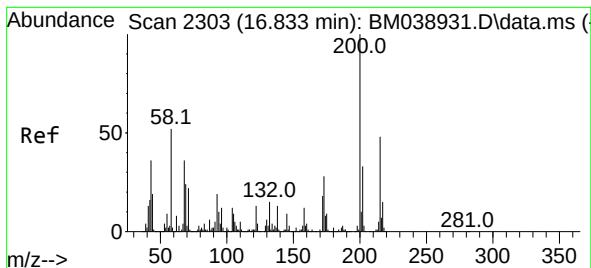


#68
Hexachlorobenzene
Concen: 49.162 ng
RT: 16.651 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20



Tgt Ion:284 Resp: 494583
Ion Ratio Lower Upper
284 100
142 35.9 29.5 44.3
249 30.6 25.0 37.4





#69

Atrazine

Concen: 54.663 ng

RT: 16.809 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039126.D

Acq: 23 Mar 2023 21:20

Instrument :

BNA_M

ClientSampleId :

032023-1MSD

Tgt Ion:200 Resp: 419382

Ion Ratio Lower Upper

200 100

173 27.9 8.2 48.2

215 48.5 27.8 67.8

Manual Integrations

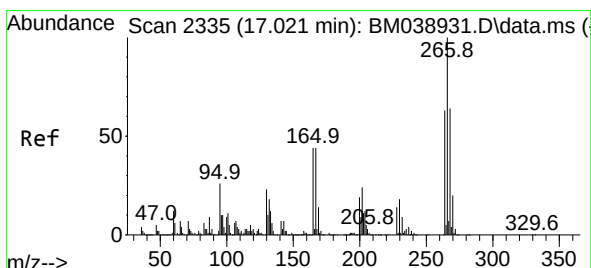
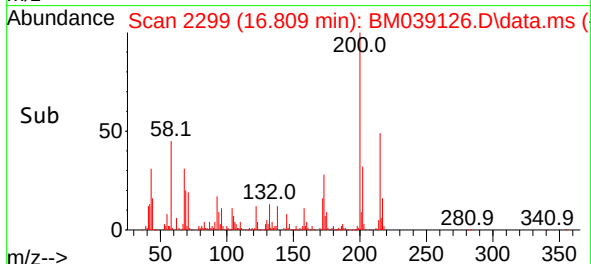
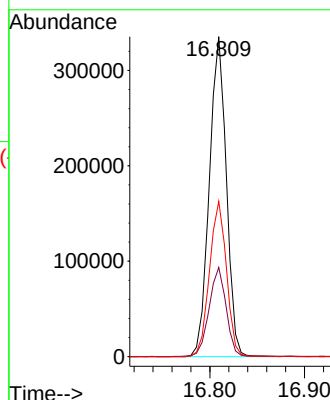
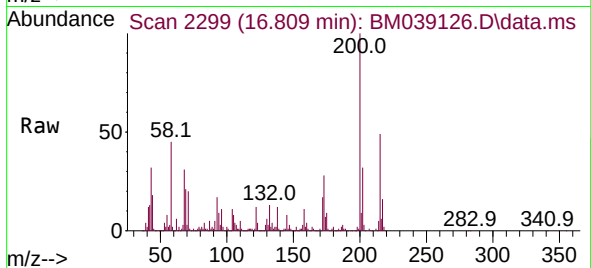
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Reviewed By :Christian
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Upadhyay

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#70

Pentachlorophenol

Concen: 85.465 ng

RT: 16.998 min Scan# 2331

Delta R.T. -0.000 min

Lab File: BM039126.D

Acq: 23 Mar 2023 21:20

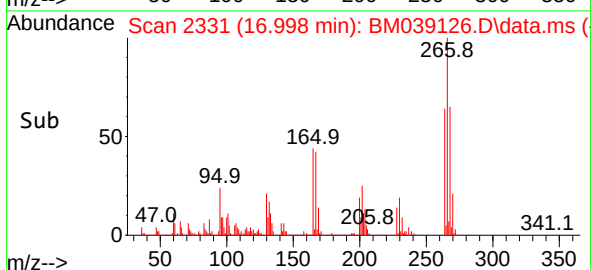
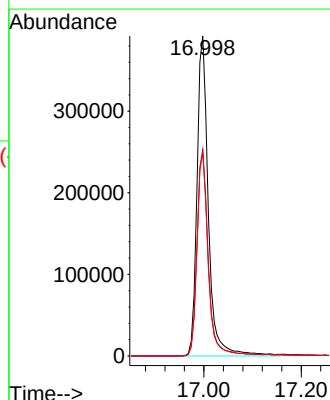
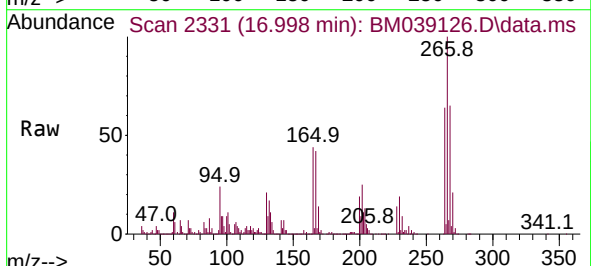
Tgt Ion:266 Resp: 632377

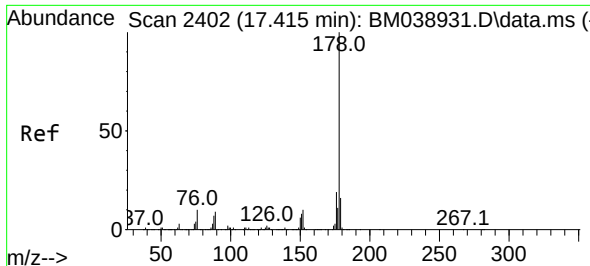
Ion Ratio Lower Upper

266 100

268 64.5 51.0 76.4

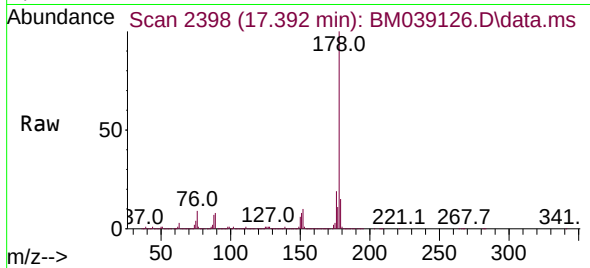
264 63.6 50.3 75.5





#71
Phenanthrene
Concen: 45.964 ng
RT: 17.392 min Scan# 2402
Delta R.T. -0.000 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Instrument :
BNA_M
ClientSampleId :
032023-1MSD



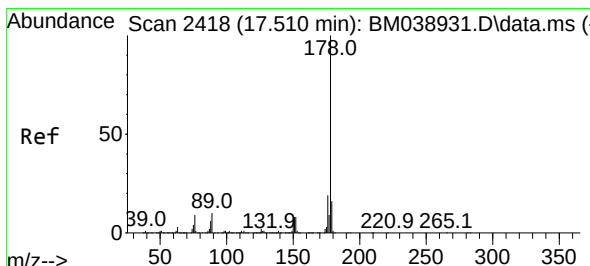
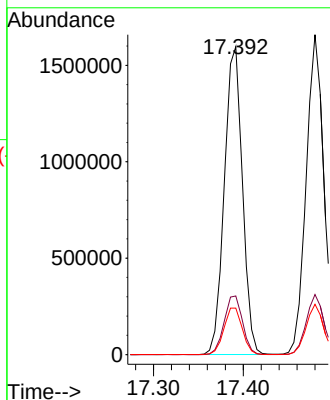
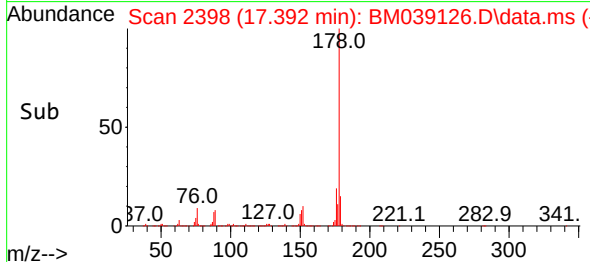
Tgt Ion:178 Resp: 2247606
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 15.1 12.5 18.7

Manual Integrations
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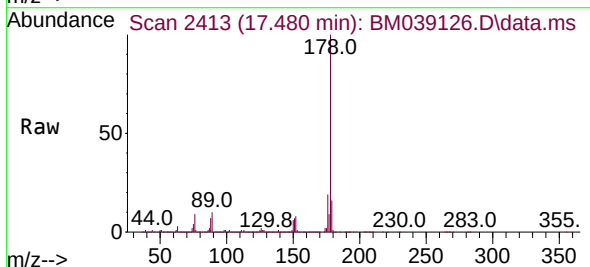
Reviewed By :Christian
Giraldo

03/24/2023
Supervised By :Jagrut
Upadhyay

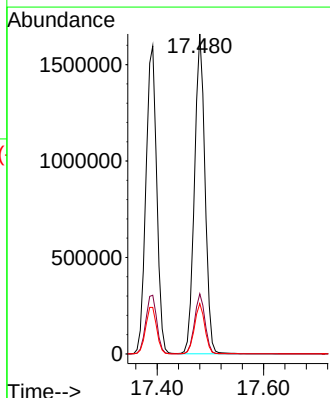
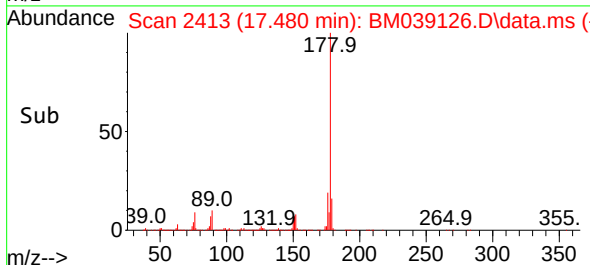
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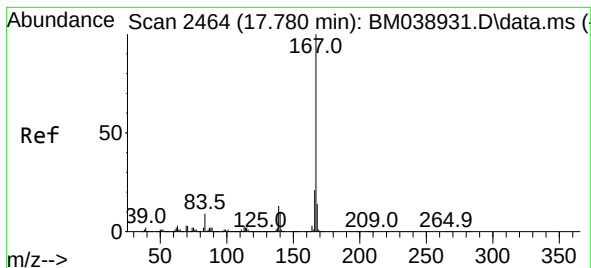


#72
Anthracene
Concen: 46.562 ng
RT: 17.480 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20



Tgt Ion:178 Resp: 2270589
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.7 12.5 18.7





#73

Carbazole

Concen: 47.291 ng

RT: 17.751 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM039126.D

Acq: 23 Mar 2023 21:20

Instrument :

BNA_M

ClientSampleId :

032023-1MSD

Tgt Ion:167 Resp: 2104719

Ion Ratio Lower Upper

167 100

166 21.3 17.0 25.4

139 12.9 10.3 15.5

Manual Integrations

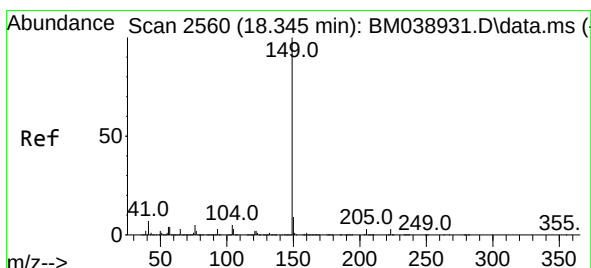
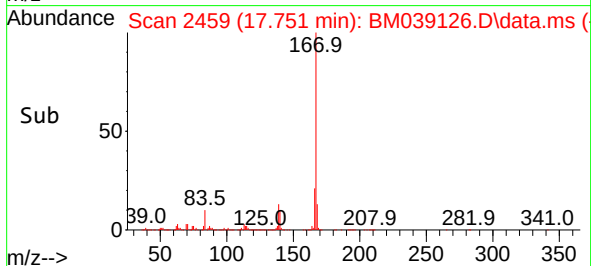
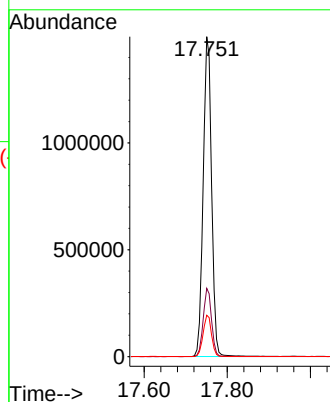
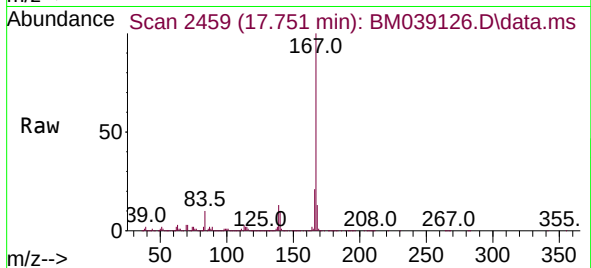
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Reviewed By :Christian
Giraldo

03/24/2023

Supervised By :Jagrut
Upadhyay

03/24/2023



#74

Di-n-butylphthalate

Concen: 48.262 ng

RT: 18.315 min Scan# 2555

Delta R.T. -0.006 min

Lab File: BM039126.D

Acq: 23 Mar 2023 21:20

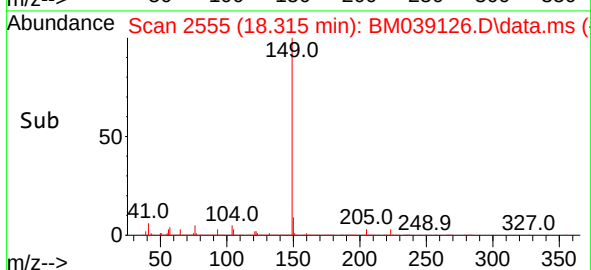
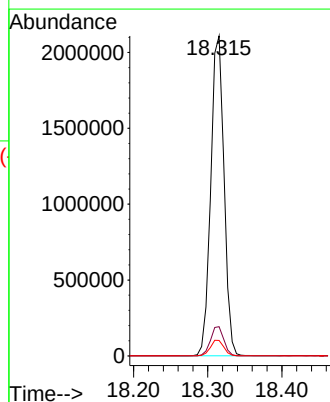
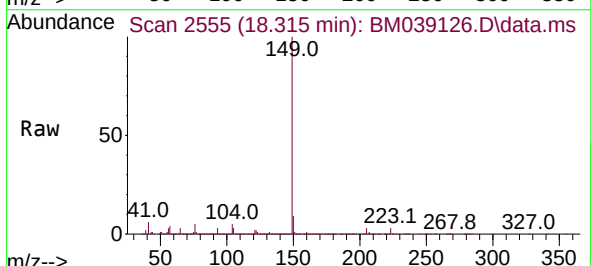
Tgt Ion:149 Resp: 2620397

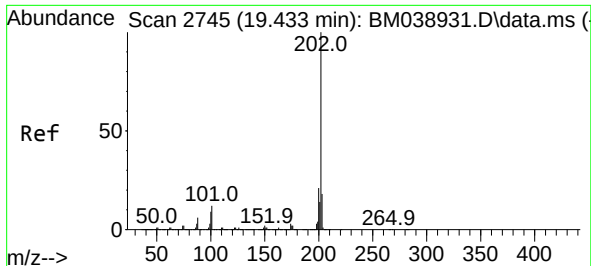
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

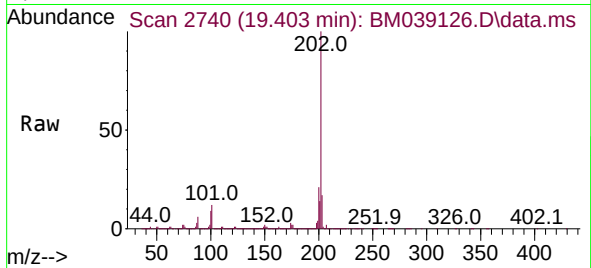
104 4.8 4.3 6.5





#75
Fluoranthene
Concen: 48.204 ng
RT: 19.403 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Instrument :
BNA_M
ClientSampleId :
032023-1MSD



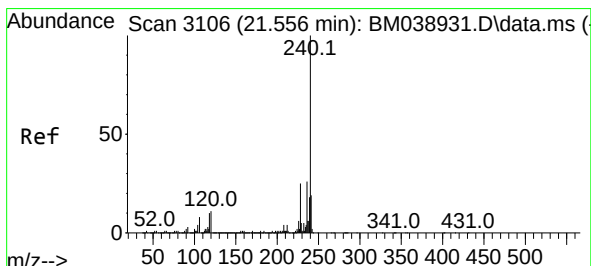
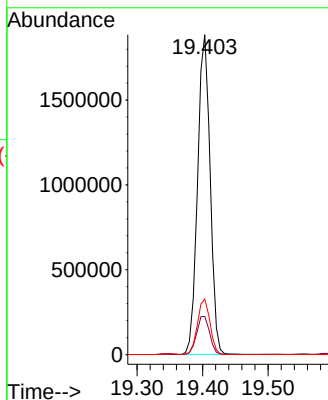
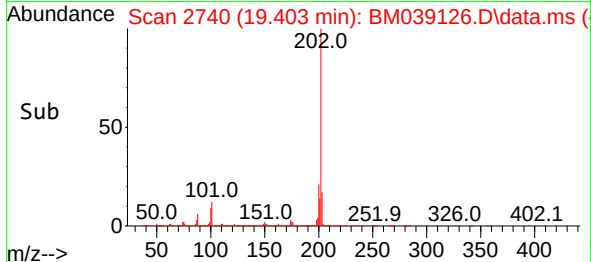
Tgt Ion:202 Resp: 2488765
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.7
203 17.4 0.0 37.6

Manual Integrations
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Reviewed By :Christian
Giraldo

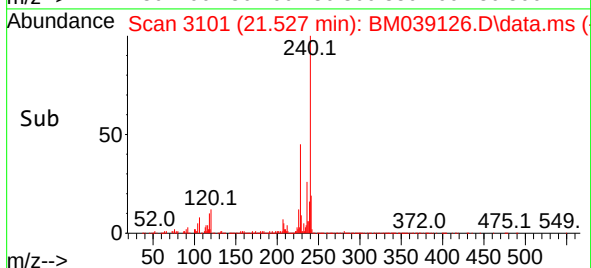
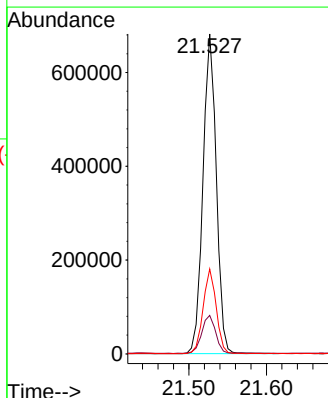
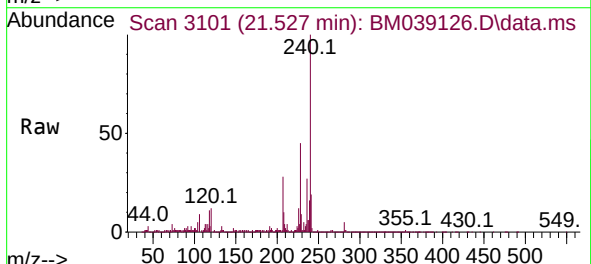
03/24/2023
Supervised By :Jagrut
Upadhyay

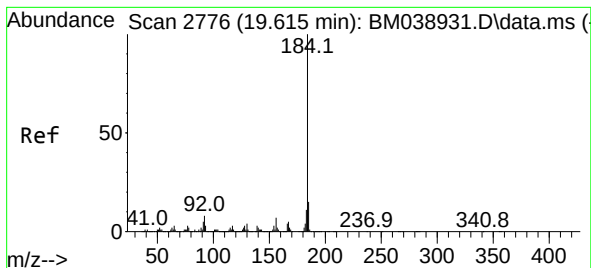
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.527 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Tgt Ion:240 Resp: 815140
Ion Ratio Lower Upper
240 100
120 12.0 9.2 13.8
236 26.5 20.8 31.2





#77

Benzidine

Concen: 72.783 ng

RT: 19.592 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039126.D

Acq: 23 Mar 2023 21:20

Instrument :

BNA_M

ClientSampleId :

032023-1MSD

Tgt Ion:184 Resp: 1404415
 Ion Ratio Lower Upper
 184 100
 185 14.1 12.2 18.4
 183 11.4 8.8 13.2

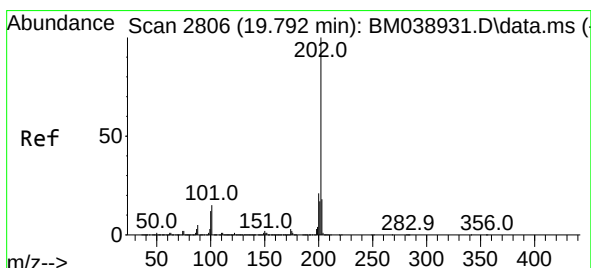
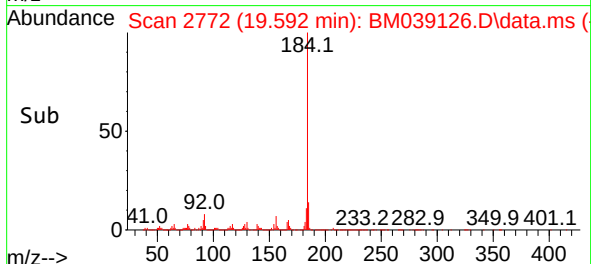
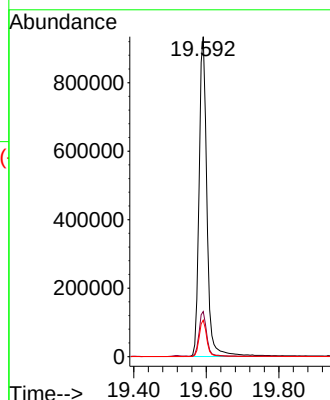
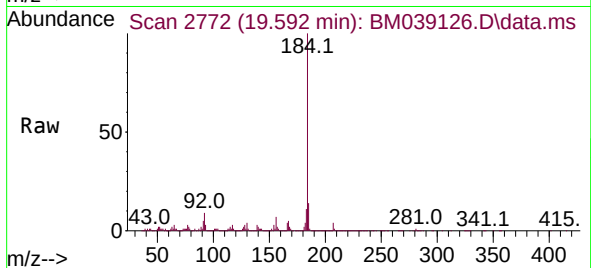
Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo

03/24/2023

Supervised By :Jagrut
 Upadhyay

03/24/2023



#78

Pyrene

Concen: 43.000 ng

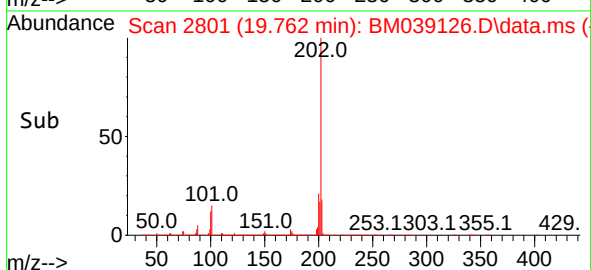
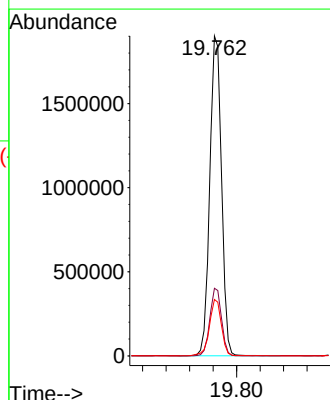
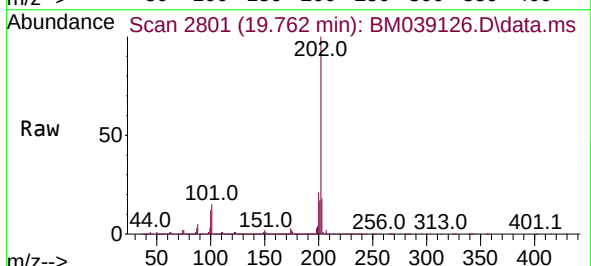
RT: 19.762 min Scan# 2801

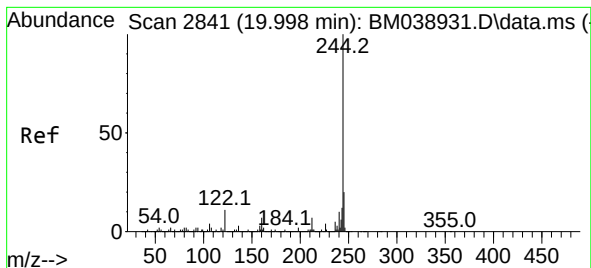
Delta R.T. -0.006 min

Lab File: BM039126.D

Acq: 23 Mar 2023 21:20

Tgt Ion:202 Resp: 2632596
 Ion Ratio Lower Upper
 202 100
 200 21.1 17.1 25.7
 203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 60.020 ng

RT: 19.962 min Scan# 2841

Delta R.T. -0.006 min

Lab File: BM039126.D

Acq: 23 Mar 2023 21:20

Instrument :

BNA_M

ClientSampleId :

032023-1MSD

Tgt Ion:244 Resp: 2675914

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 12.4 9.0 13.4

Manual Integrations

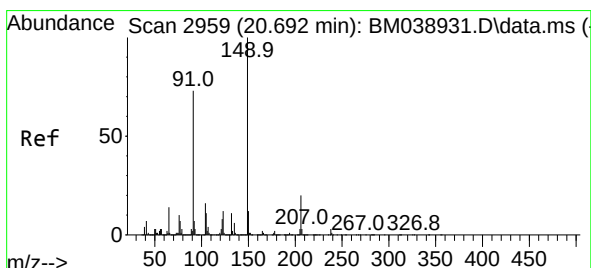
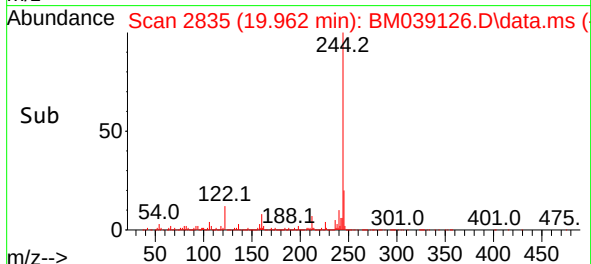
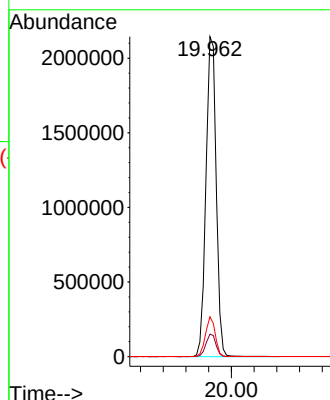
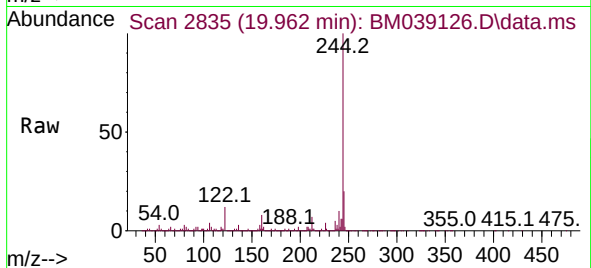
APPROVED

Reviewed By :Christian
Giraldo

03/24/2023

Supervised By :Jagrut
Upadhyay

03/24/2023



#80

Butylbenzylphthalate

Concen: 45.204 ng

RT: 20.656 min Scan# 2953

Delta R.T. -0.006 min

Lab File: BM039126.D

Acq: 23 Mar 2023 21:20

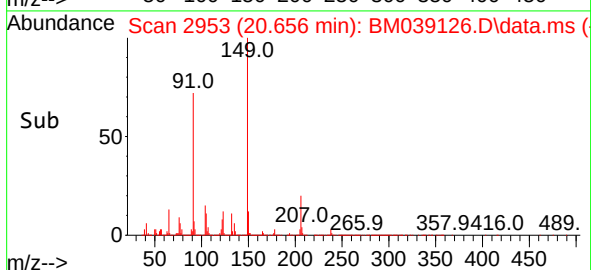
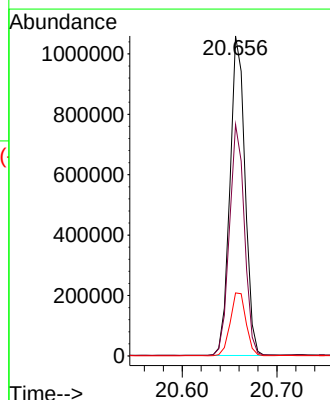
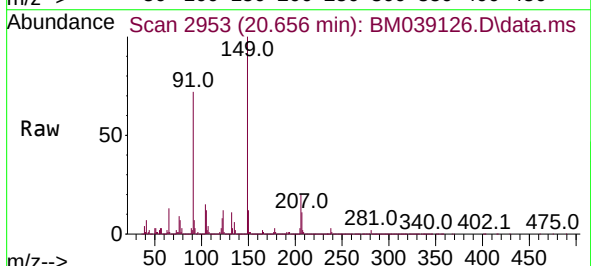
Tgt Ion:149 Resp: 1171388

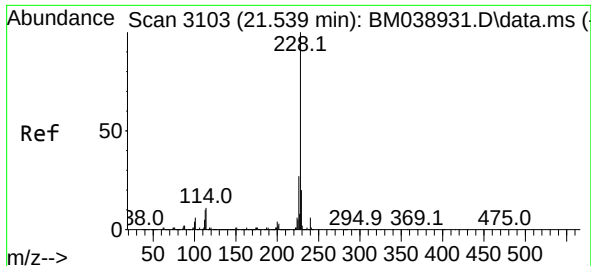
Ion Ratio Lower Upper

149 100

91 72.3 58.4 87.6

206 19.7 16.1 24.1





#81
Benzo(a)anthracene
Concen: 48.021 ng
RT: 21.509 min Scan# 30
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Instrument :
BNA_M
ClientSampleId :
032023-1MSD

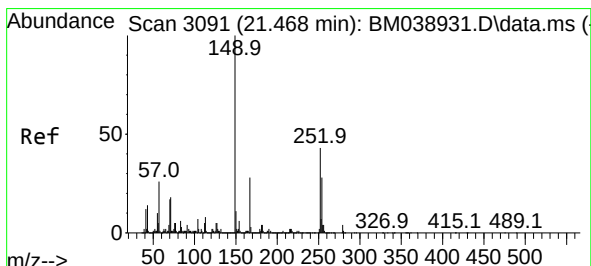
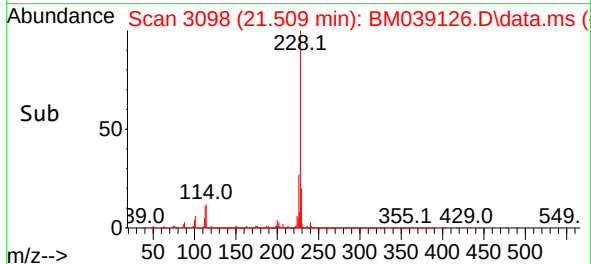
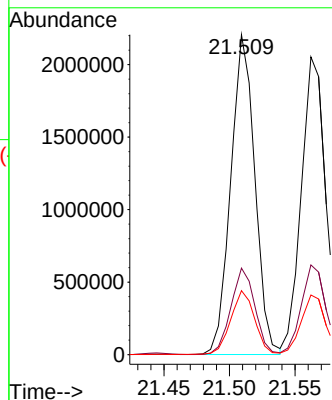
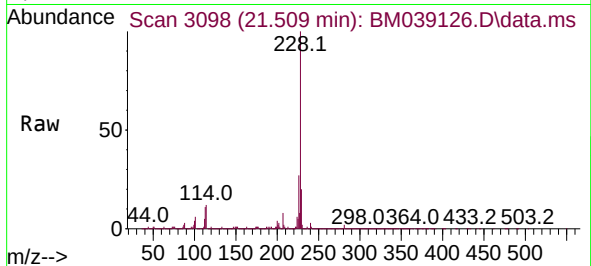
Tgt Ion:228 Resp: 2818960
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.2
229 20.0 15.7 23.5

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Reviewed By :Christian
Giraldo

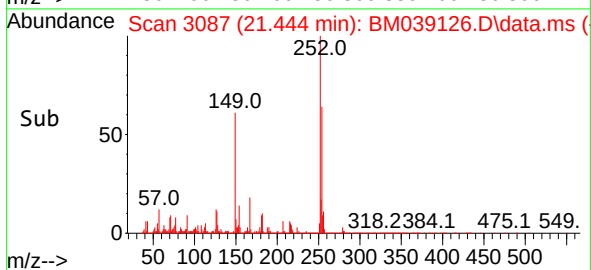
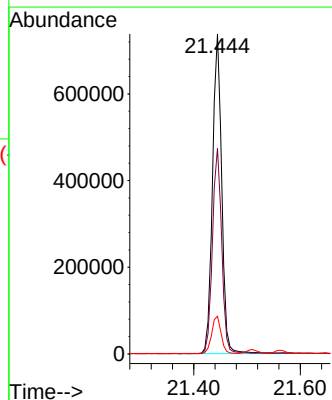
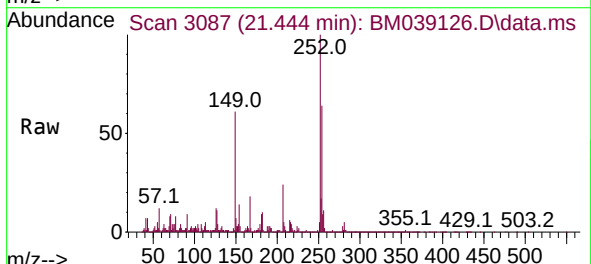
03/24/2023
Supervised By :Jagrut
Upadhyay

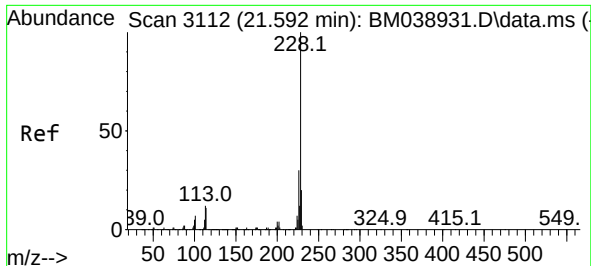
03/24/2023



#82
3,3'-Dichlorobenzidine
Concen: 49.314 ng
RT: 21.444 min Scan# 3087
Delta R.T. -0.000 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

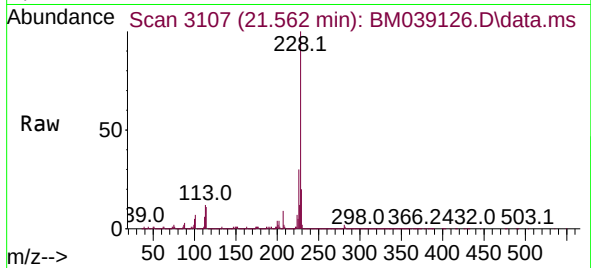
Tgt Ion:252 Resp: 889686
Ion Ratio Lower Upper
252 100
254 64.4 51.5 77.3
126 11.8 9.9 14.9





#83
Chrysene
Concen: 46.336 ng
RT: 21.562 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Instrument :
BNA_M
ClientSampleId :
032023-1MSD



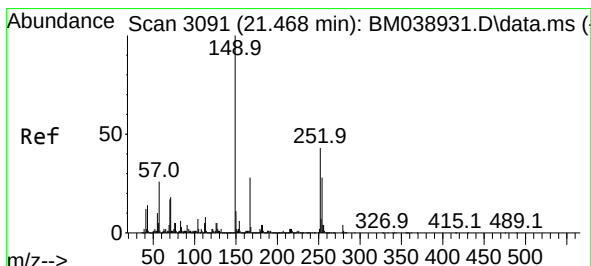
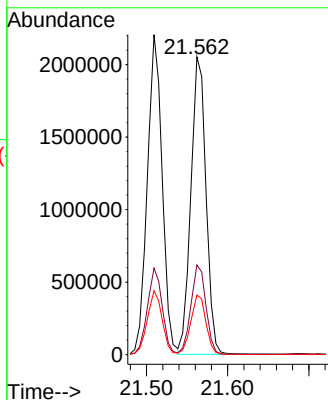
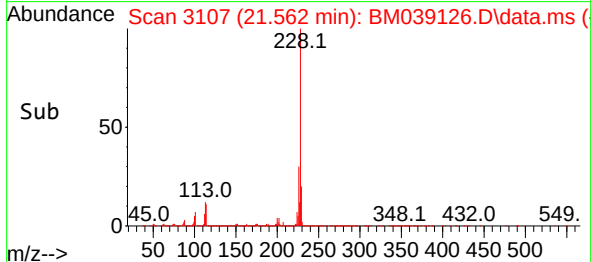
Tgt Ion:228 Resp: 2645456
Ion Ratio Lower Upper
228 100
226 30.1 24.0 36.0
229 20.0 16.0 24.0

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Reviewed By :Christian
Giraldo

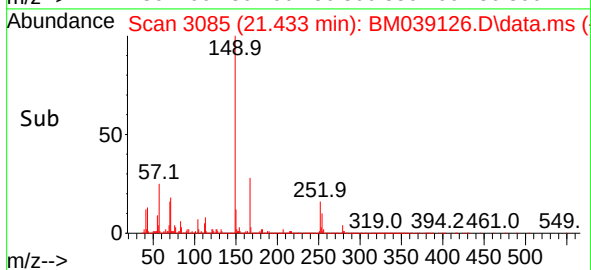
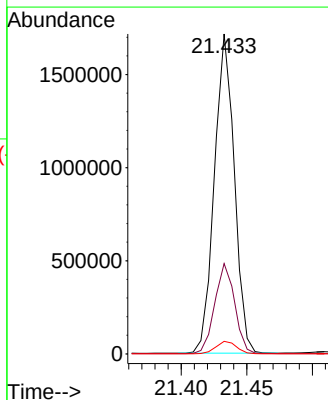
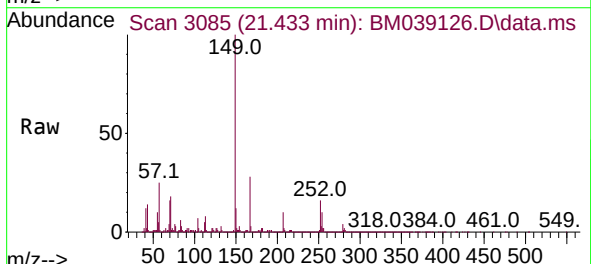
03/24/2023
Supervised By :Jagrut
Upadhyay

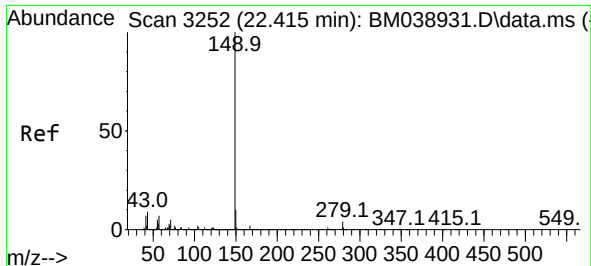
03/24/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.182 ng
RT: 21.433 min Scan# 3085
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

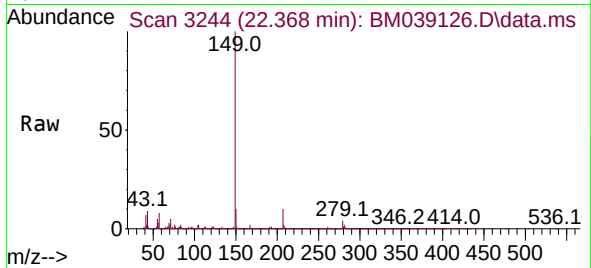
Tgt Ion:149 Resp: 1813924
Ion Ratio Lower Upper
149 100
167 28.2 22.3 33.5
279 3.9 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 52.474 ng
RT: 22.368 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Instrument :
BNA_M
ClientSampleId :
032023-1MSD



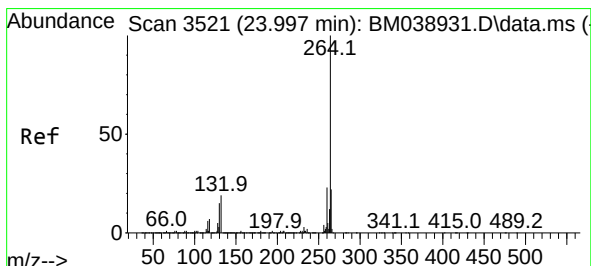
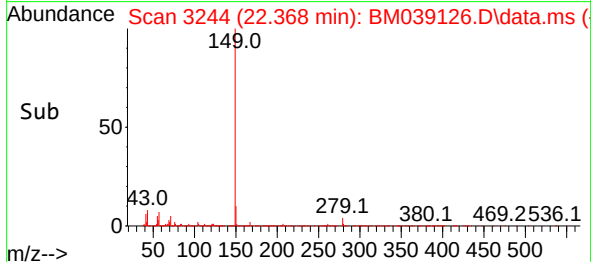
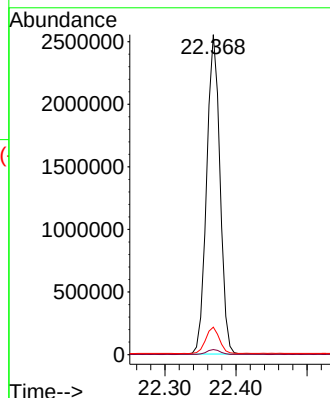
Tgt Ion:149 Resp: 3301702
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.4 7.4 11.2

Manual Integrations
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Reviewed By :Christian
Giraldo

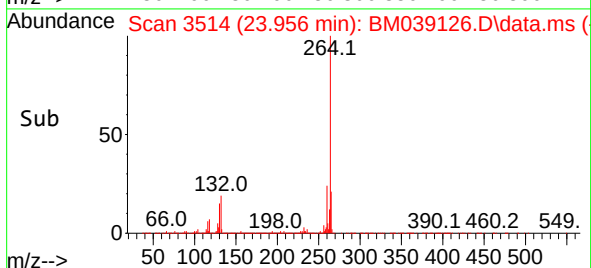
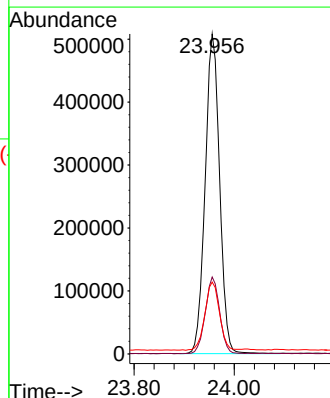
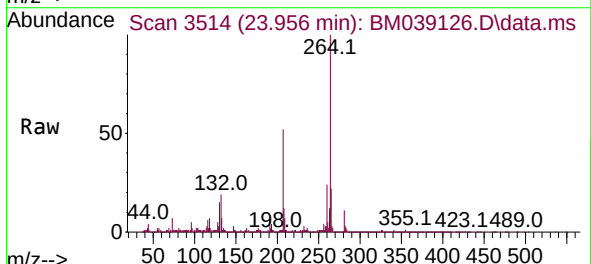
03/24/2023
Supervised By :Jagrut
Upadhyay

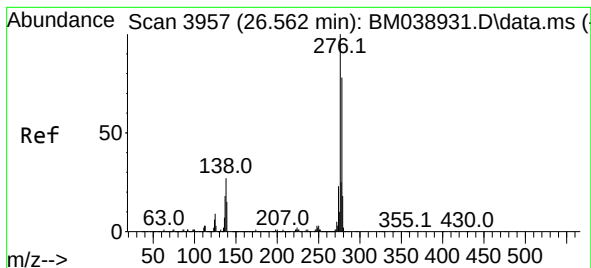
03/24/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.956 min Scan# 3514
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Tgt Ion:264 Resp: 1016905
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 22.4 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.095 ng

RT: 26.491 min Scan# 3957

Delta R.T. -0.006 min

Lab File: BM039126.D

Acq: 23 Mar 2023 21:20

Instrument :

BNA_M

ClientSampleId :

032023-1MSD

Tgt Ion:276 Resp: 3798896

Ion Ratio Lower Upper

276 100

138 27.5 22.1 33.1

277 25.1 20.1 30.1

Manual Integrations

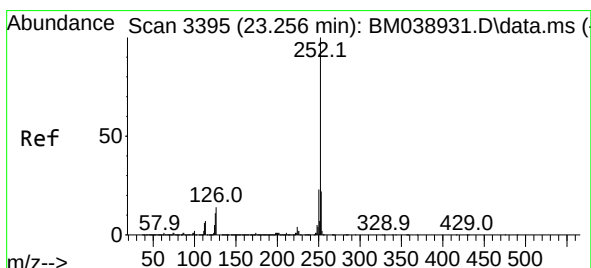
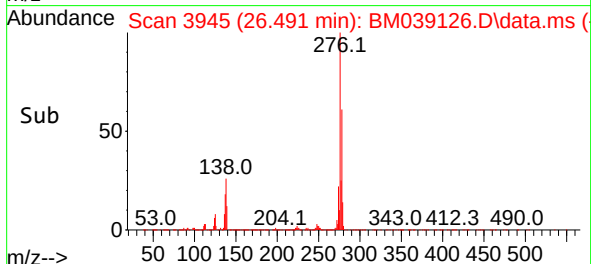
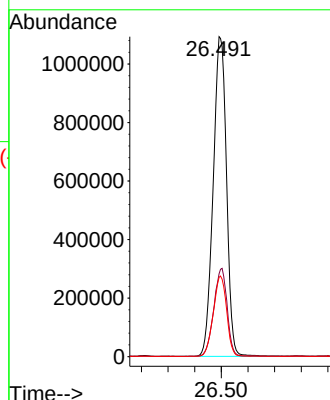
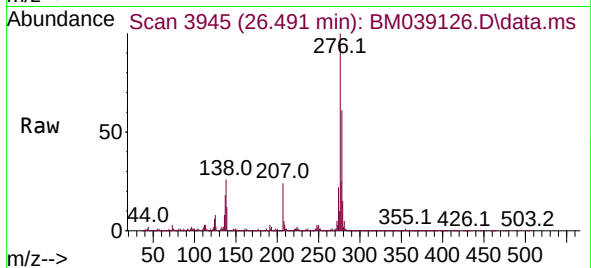
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Reviewed By :Christian
Giraldo

03/24/2023

Supervised By :Jagrut
Upadhyay

03/24/2023



#88

Benzo(b)fluoranthene

Concen: 47.555 ng

RT: 23.215 min Scan# 3388

Delta R.T. -0.006 min

Lab File: BM039126.D

Acq: 23 Mar 2023 21:20

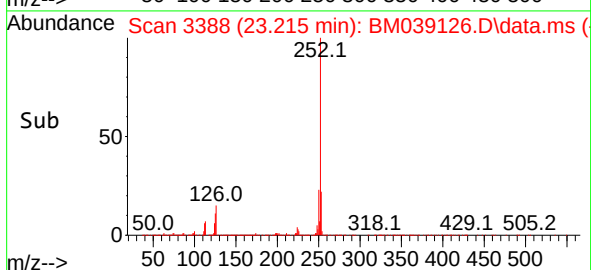
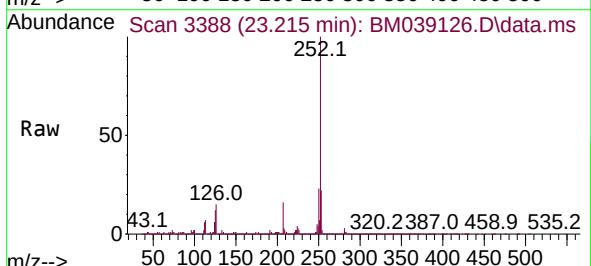
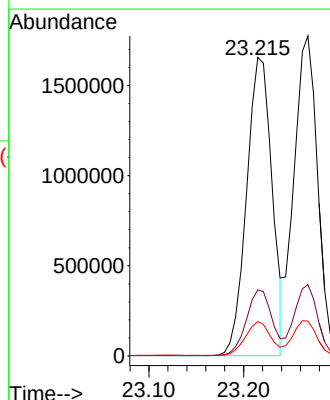
Tgt Ion:252 Resp: 3089482

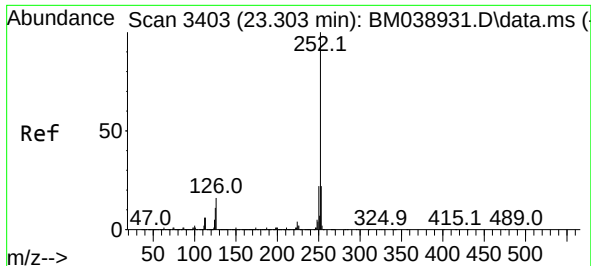
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

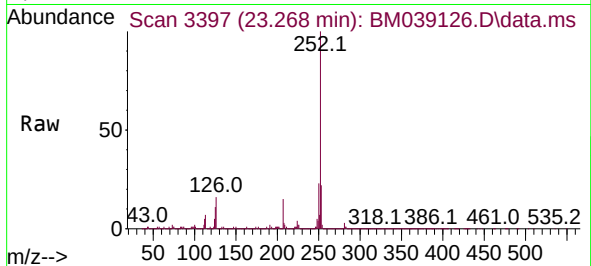
125 11.5 8.8 13.2





#89
Benzo(k)fluoranthene
Concen: 45.704 ng
RT: 23.268 min Scan# 3403
Delta R.T. -0.000 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Instrument :
BNA_M
ClientSampleId :
032023-1MSD



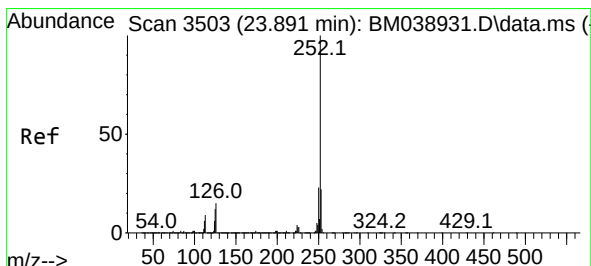
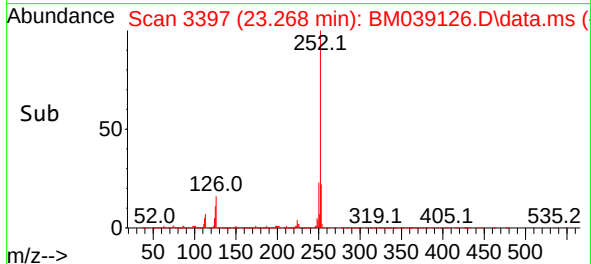
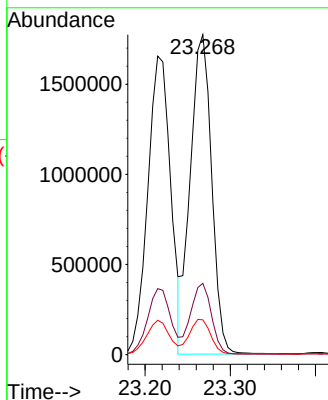
Tgt Ion:252 Resp: 3090109
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 10.9 8.9 13.3

Manual Integrations
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Reviewed By :Christian
Giraldo

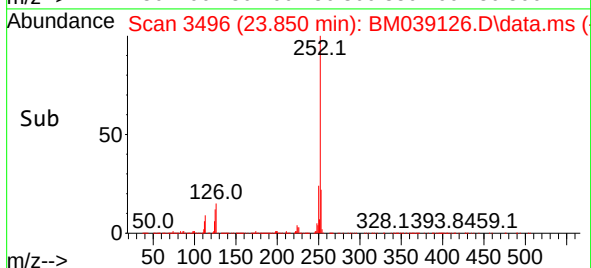
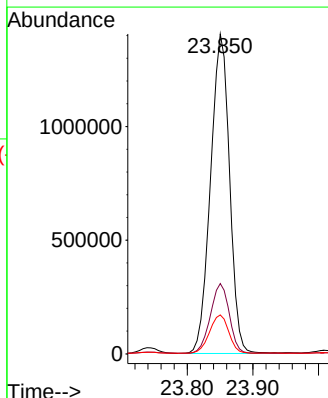
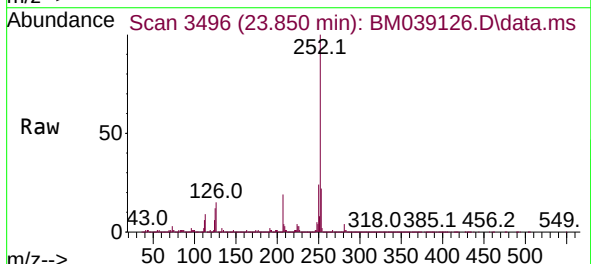
03/24/2023
Supervised By :Jagrut
Upadhyay

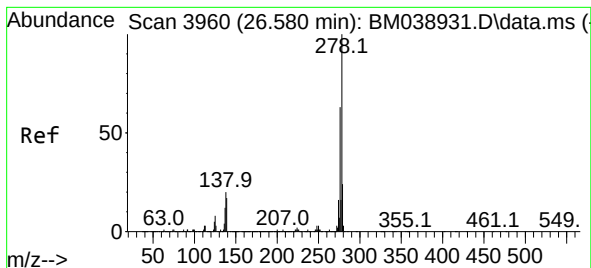
03/24/2023



#90
Benzo(a)pyrene
Concen: 45.339 ng
RT: 23.850 min Scan# 3496
Delta R.T. -0.006 min
Lab File: BM039126.D
Acq: 23 Mar 2023 21:20

Tgt Ion:252 Resp: 2834858
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 12.2 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 48.015 ng

RT: 26.509 min Scan# 39

Delta R.T. -0.000 min

Lab File: BM039126.D

Acq: 23 Mar 2023 21:20

Instrument :

BNA_M

ClientSampleId :

032023-1MSD

Tgt Ion:278 Resp: 314641

Ion Ratio Lower Upper

278 100

139 17.7 13.7 20.5

279 23.8 18.9 28.3

Manual Integrations

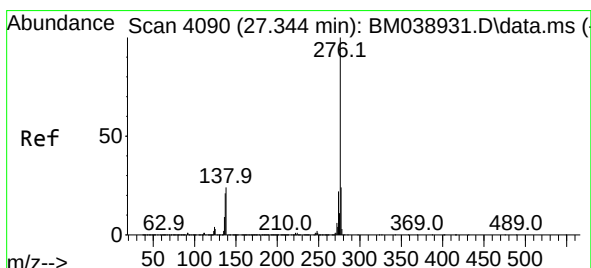
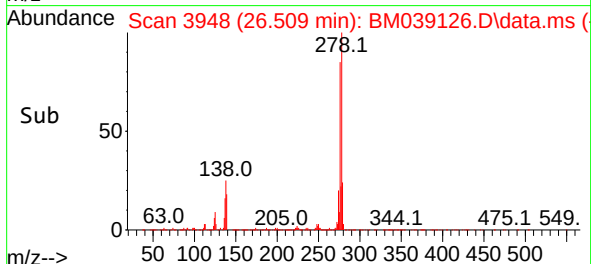
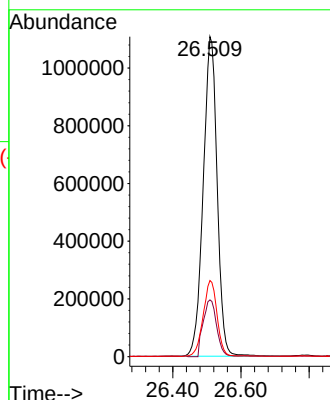
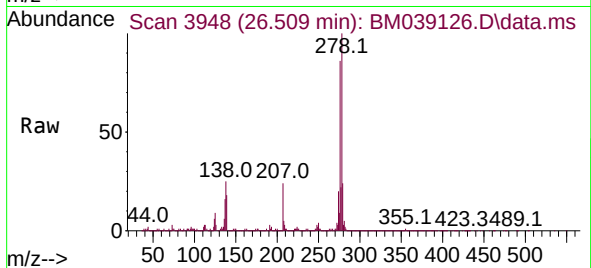
APPROVED

Reviewed By :Christian
Giraldo

03/24/2023

Supervised By :Jagrut
Upadhyay

03/24/2023



#92

Benzo(g,h,i)perylene

Concen: 48.709 ng

RT: 27.279 min Scan# 4079

Delta R.T. 0.006 min

Lab File: BM039126.D

Acq: 23 Mar 2023 21:20

Tgt Ion:276 Resp: 3122854

Ion Ratio Lower Upper

276 100

277 23.6 19.3 28.9

138 23.9 19.0 28.6

