

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
 Data File : BM039091.D
 Acq On : 22 Mar 2023 14:16
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/23/2023
 Supervised By : Jagrut Upadhyay 03/23/2023

Quant Time: Mar 23 04:22:07 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	7.969	152	367310	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1460661	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	782865	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1382822	20.000	ng	0.00
76) Chrysene-d12	21.533	240	1052768	20.000	ng	0.00
86) Perylene-d12	23.962	264	1159140	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1893388	78.315	ng	0.00
7) Phenol-d6	7.134	99	2484649	79.122	ng	0.00
23) Nitrobenzene-d5	9.140	82	2367894	79.631	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	692066	76.416	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	4647128	77.275	ng	0.00
79) Terphenyl-d14	19.968	244	4688636	81.427	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	398550	37.055	ng	98
3) Pyridine	3.805	79	1044018	35.000	ng	99
4) n-Nitrosodimethylamine	3.711	42	453326	37.347	ng	92
6) Aniline	7.293	93	1350156	32.745	ng	99
8) 2-Chlorophenol	7.528	128	1040018	40.407	ng	98
9) Benzaldehyde	7.104	77	548868	36.730	ng	97
10) Phenol	7.157	94	1314027	39.404	ng	98
11) bis(2-Chloroethyl)ether	7.393	93	1084052	39.983	ng	99
12) 1,3-Dichlorobenzene	7.857	146	1068894	39.077	ng	98
13) 1,4-Dichlorobenzene	8.004	146	1082866	38.925	ng	99
14) 1,2-Dichlorobenzene	8.322	146	1054423	39.349	ng	99
15) Benzyl Alcohol	8.210	79	884969	39.318	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.504	45	1368229	39.958	ng	98
17) 2-Methylphenol	8.416	107	936442	40.878	ng	98
18) Hexachloroethane	9.051	117	409397	39.887	ng	98
19) n-Nitroso-di-n-propyla...	8.787	70	840047	42.471	ng	98
20) 3+4-Methylphenols	8.745	107	1260672	41.215	ng	99
22) Acetophenone	8.798	105	1587558	38.739	ng	# 99
24) Nitrobenzene	9.181	77	1229106	39.326	ng	98
25) Isophorone	9.710	82	2217548	40.525	ng	99
26) 2-Nitrophenol	9.892	139	574169	42.004	ng	96
27) 2,4-Dimethylphenol	9.951	122	949038	39.803	ng	99
28) bis(2-Chloroethoxy)met...	10.192	93	1372895	39.047	ng	99
29) 2,4-Dichlorophenol	10.428	162	917070	40.569	ng	99
30) 1,2,4-Trichlorobenzene	10.645	180	944178	38.223	ng	99
31) Naphthalene	10.834	128	3203013	38.456	ng	100
32) Benzoic acid	10.092	122	743535	43.159	ng	98
33) 4-Chloroaniline	10.945	127	1165938	32.848	ng	99
34) Hexachlorobutadiene	11.116	225	554326	39.132	ng	98
35) Caprolactam	11.745	113	272387	39.591	ng	96
36) 4-Chloro-3-methylphenol	12.063	107	946854	39.336	ng	100
37) 2-Methylnaphthalene	12.439	142	2167168	38.821	ng	98
38) 1-Methylnaphthalene	12.657	142	2015325	38.523	ng	99
40) 1,2,4,5-Tetrachloroben...	12.804	216	988299	38.832	ng	99
41) Hexachlorocyclopentadiene	12.786	237	480810	34.417	ng	99
43) 2,4,6-Trichlorophenol	13.045	196	676460	41.046	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	781729	40.524	ng	97
46) 1,1'-Biphenyl	13.445	154	2566138	38.692	ng	100
47) 2-Chloronaphthalene	13.486	162	1952066	39.032	ng	99
48) 2-Nitroaniline	13.692	65	620426	39.174	ng	95
49) Acenaphthylene	14.333	152	3114540	39.097	ng	100
50) Dimethylphthalate	14.069	163	2268190	37.652	ng	100
51) 2,6-Dinitrotoluene	14.186	165	499066	37.788	ng	98
52) Acenaphthene	14.675	154	1865911	38.113	ng	99
53) 3-Nitroaniline	14.516	138	529313	34.451	ng	97
54) 2,4-Dinitrophenol	14.716	184	290246	40.635	ng	96
55) Dibenzofuran	15.004	168	2893965	37.775	ng	100
56) 4-Nitrophenol	14.822	139	446256	37.300	ng	95
57) 2,4-Dinitrotoluene	14.969	165	639242	36.958	ng	100
58) Fluorene	15.657	166	2245835	37.424	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.233	232	570797	38.367	ng	99
60) Diethylphthalate	15.427	149	2209195	37.690	ng	99
61) 4-Chlorophenyl-phenylether	15.651	204	1105663	37.503	ng	99
62) 4-Nitroaniline	15.674	138	516439	33.140	ng	98
63) Azobenzene	15.939	77	2345036	37.810	ng	98
65) 4,6-Dinitro-2-methylph...	15.733	198	365712	41.065	ng	94
66) n-Nitrosodiphenylamine	15.863	169	1885249	40.441	ng	100
67) 4-Bromophenyl-phenylether	16.539	248	616919	41.304	ng	97
68) Hexachlorobenzene	16.657	284	657237	39.363	ng	99
69) Atrazine	16.816	200	522448	41.030	ng	99
70) Pentachlorophenol	16.998	266	493640	40.197	ng	100
71) Phenanthrene	17.398	178	3105507	38.265	ng	100
72) Anthracene	17.486	178	3178059	39.266	ng	100
73) Carbazole	17.757	167	2836011	38.394	ng	99
74) Di-n-butylphthalate	18.321	149	3427458	38.416	ng	99
75) Fluoranthene	19.410	202	3191276	37.242	ng	100
77) Benzidine	19.639	184	56905m	7.007	ng	
78) Pyrene	19.768	202	3351070	42.380	ng	100
80) Butylbenzylphthalate	20.662	149	1398918	42.049	ng	98
81) Benzo(a)anthracene	21.515	228	2983585	39.353	ng	100
82) 3,3'-Dichlorobenzidine	21.451	252	773331	33.189	ng	100
83) Chrysene	21.568	228	2861675	38.809	ng	100
84) Bis(2-ethylhexyl)phtha...	21.439	149	1950947	40.540	ng	100
85) Di-n-octyl phthalate	22.374	149	3329073	41.799	ng	98
87) Indeno(1,2,3-cd)pyrene	26.503	276	3491627	39.587	ng	99
88) Benzo(b)fluoranthene	23.221	252	2852291	38.517	ng	100
89) Benzo(k)fluoranthene	23.268	252	2930685	38.027	ng	99
90) Benzo(a)pyrene	23.856	252	2846508	39.939	ng	99
91) Dibenzo(a,h)anthracene	26.515	278	2935569	39.300	ng	99
92) Benzo(g,h,i)perylene	27.280	276	2895343	39.619	ng	99

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

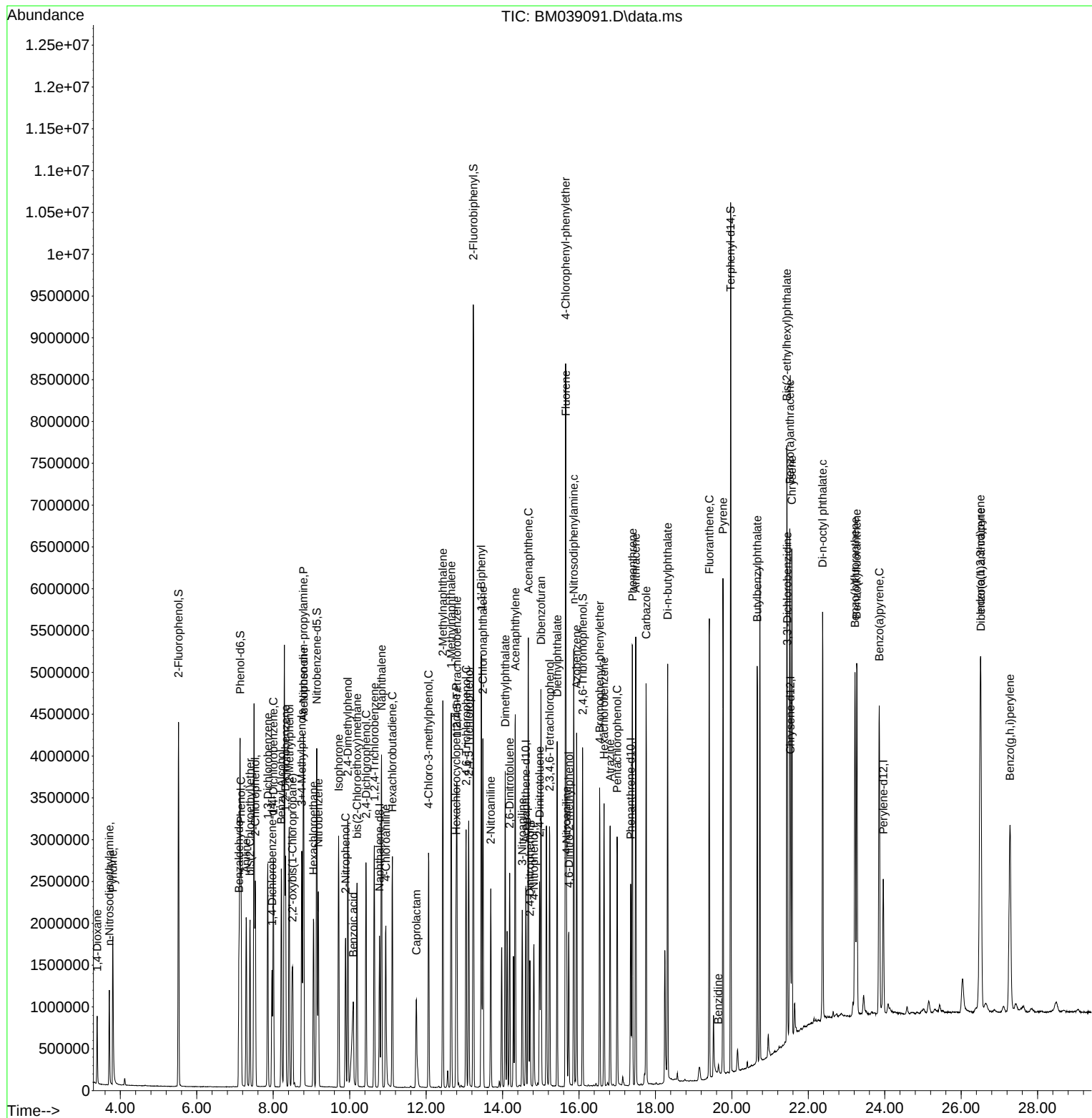
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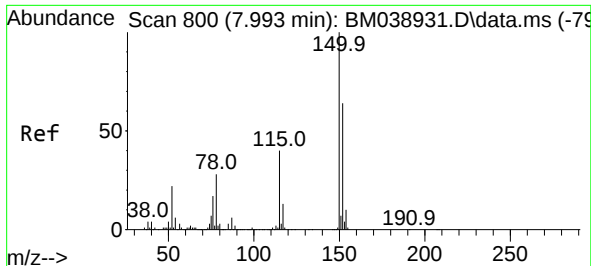
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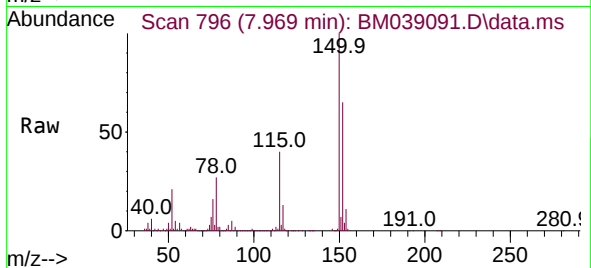
Reviewed By : Christian Giraldo 03/23/2023
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 79
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

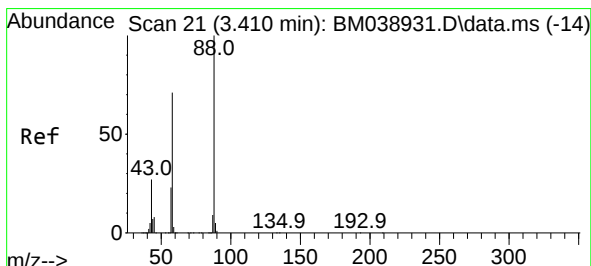
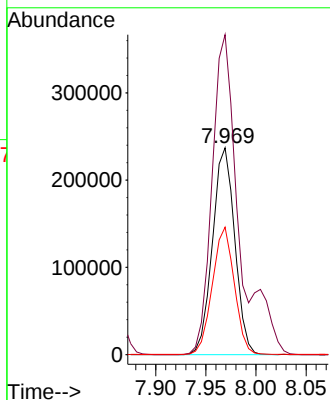
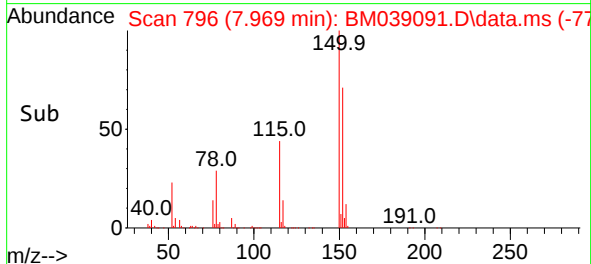
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Tgt Ion:152 Resp: 367310
Ion Ratio Lower Upper
152 100
150 154.7 125.1 187.7
115 61.6 49.6 74.4

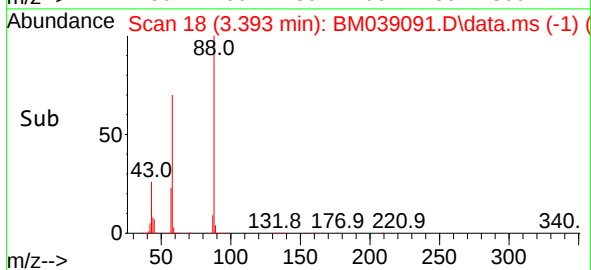
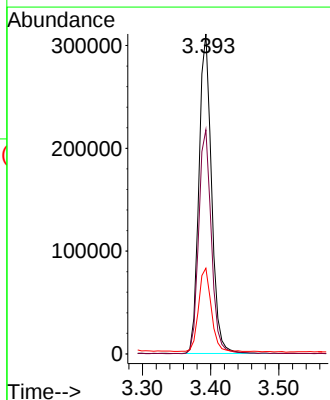
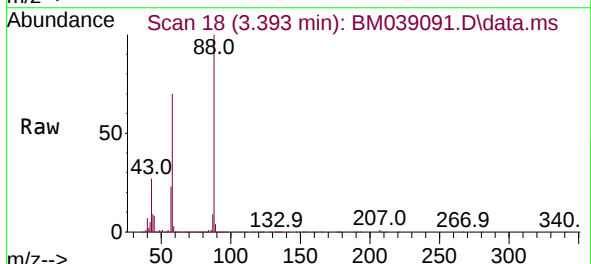
Manual Integrations
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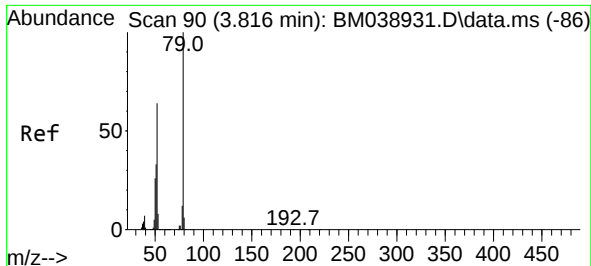
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#2
1,4-Dioxane
Concen: 37.055 ng
RT: 3.393 min Scan# 18
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

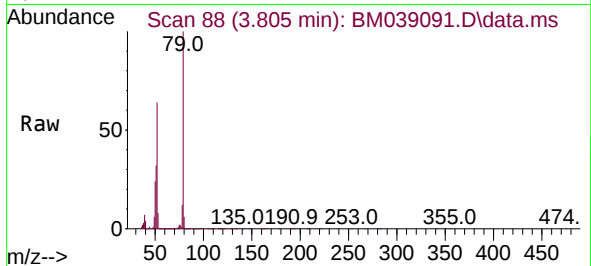
Tgt Ion: 88 Resp: 398550
Ion Ratio Lower Upper
88 100
58 70.6 57.2 85.8
43 26.1 22.0 33.0





#3
Pyridine
Concen: 35.000 ng
RT: 3.805 min Scan# 88
Delta R.T. 0.006 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

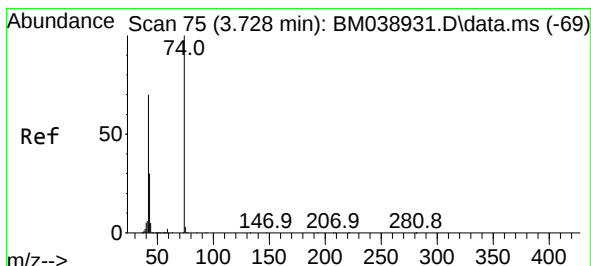
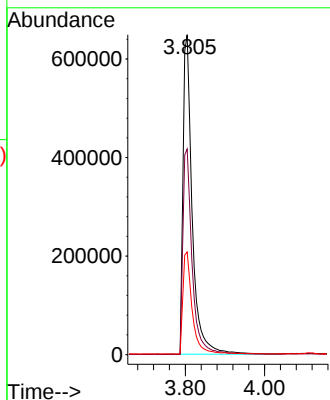
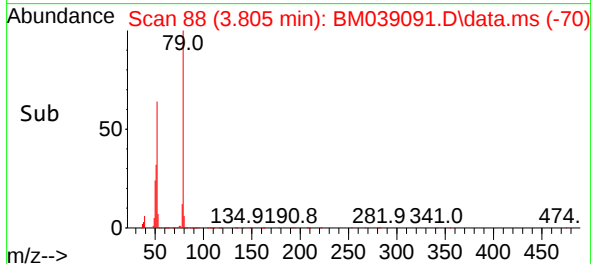
Instrument :
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ClientSampleId :
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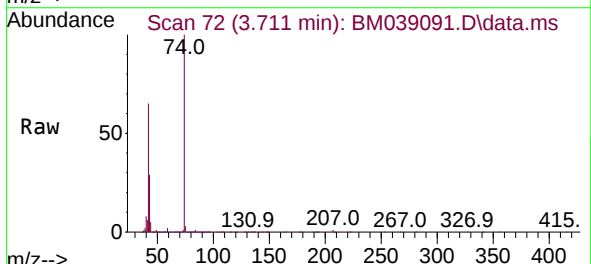
Tgt Ion: 79 Resp: 1044018
Ion Ratio Lower Upper
79 100
52 64.2 51.4 77.2
51 32.1 26.6 40.0

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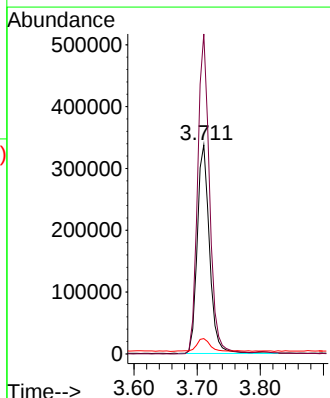
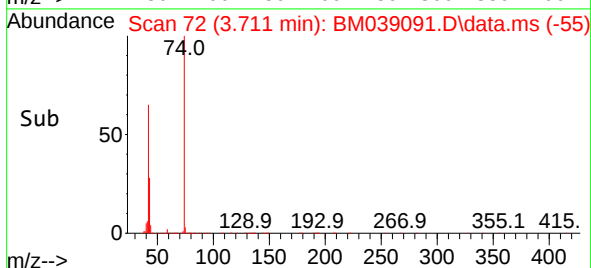
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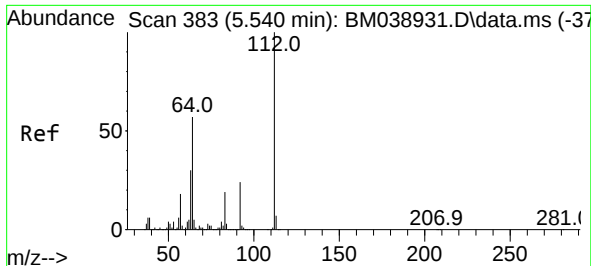


#4
n-Nitrosodimethylamine
Concen: 37.347 ng
RT: 3.711 min Scan# 72
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16



Tgt Ion: 42 Resp: 453326
Ion Ratio Lower Upper
42 100
74 153.2 113.8 170.8
44 7.3 6.2 9.2





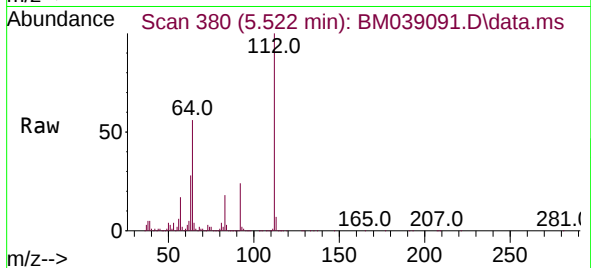
#5
2-Fluorophenol
Concen: 78.315 ng
RT: 5.522 min Scan# 381
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

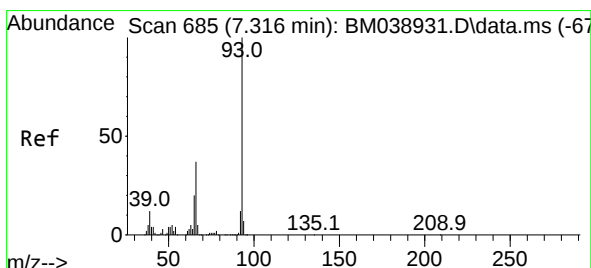
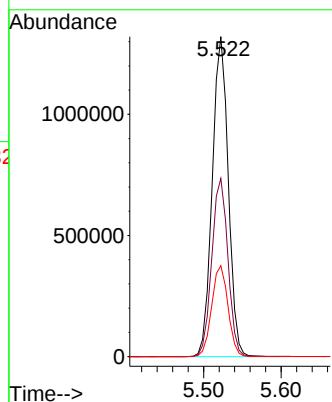
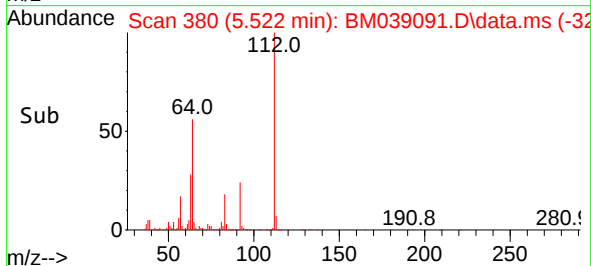


Tgt Ion:112 Resp: 1893388
Ion Ratio Lower Upper
112 100
64 55.7 45.9 68.9
63 28.4 23.8 35.8

Manual Integrations

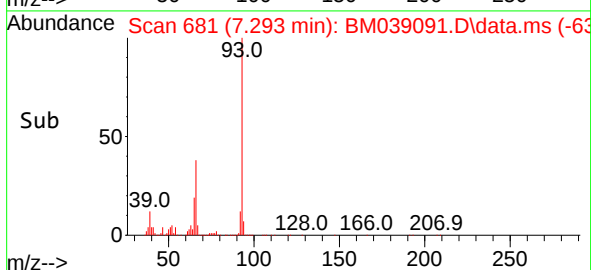
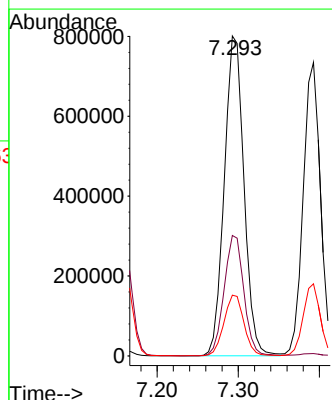
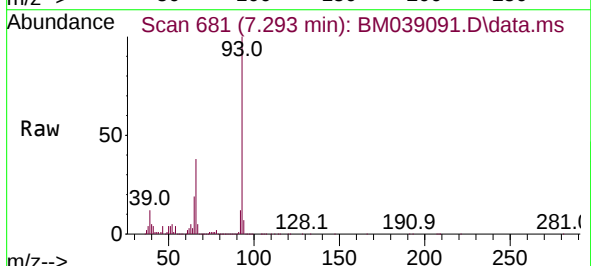
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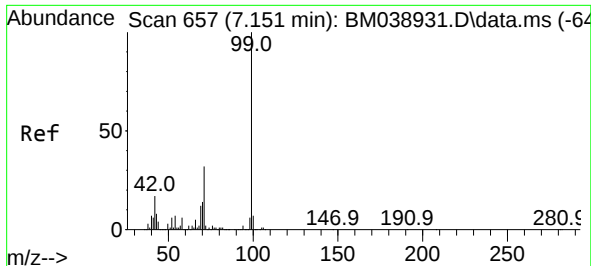
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#6
Aniline
Concen: 32.745 ng
RT: 7.293 min Scan# 681
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

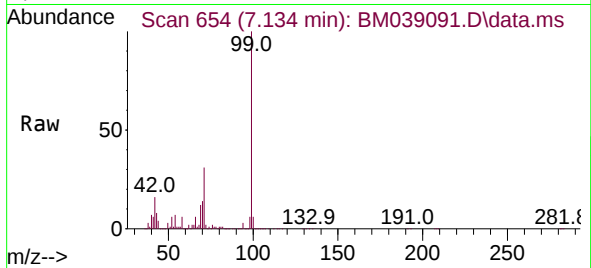
Tgt Ion: 93 Resp: 1350156
Ion Ratio Lower Upper
93 100
66 37.6 30.0 45.0
65 19.0 15.8 23.6





#7
Phenol-d6
Concen: 79.122 ng
RT: 7.134 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

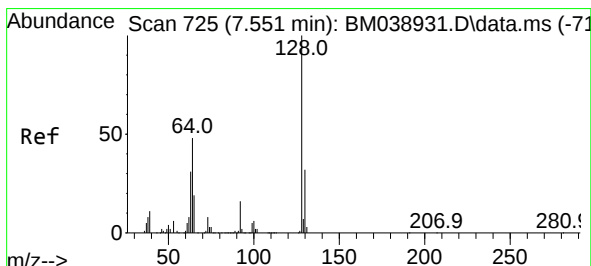
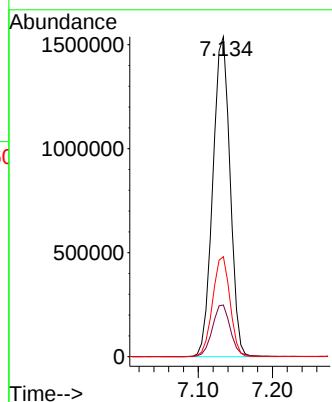
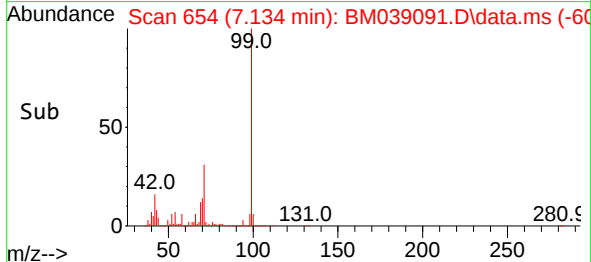
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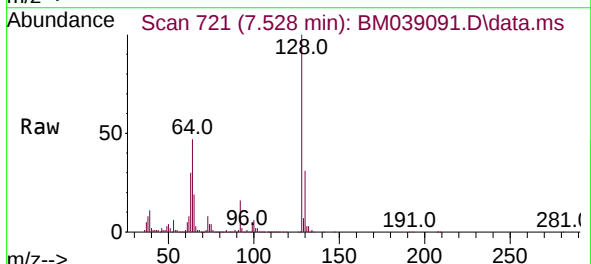
Tgt Ion: 99 Resp: 2484649
Ion Ratio Lower Upper
99 100
42 16.1 13.5 20.3
71 31.2 25.6 38.4

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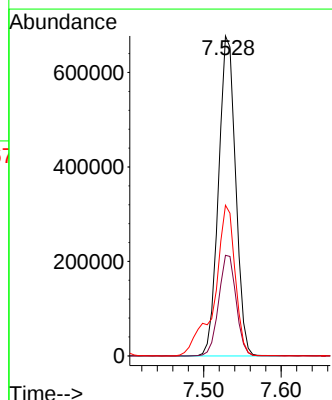
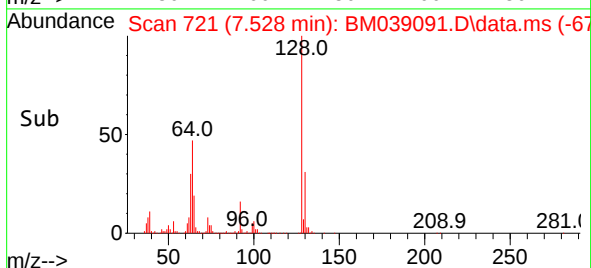
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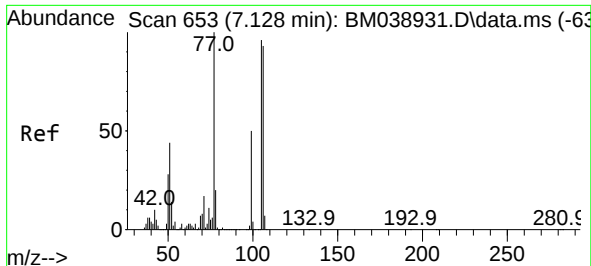


#8
2-Chlorophenol
Concen: 40.407 ng
RT: 7.528 min Scan# 721
Delta R.T. 0.000 min
Lab File: BM039091.D
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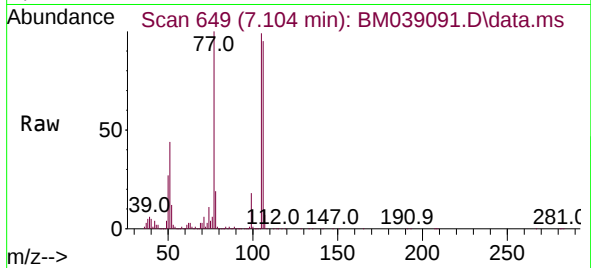
Tgt Ion:128 Resp: 1040018
Ion Ratio Lower Upper
128 100
130 31.4 11.9 51.9
64 47.1 28.6 68.6





#9
Benzaldehyde
Concen: 36.730 ng
RT: 7.104 min Scan# 649
Delta R.T. 0.000 min
Lab File: BM039091.D
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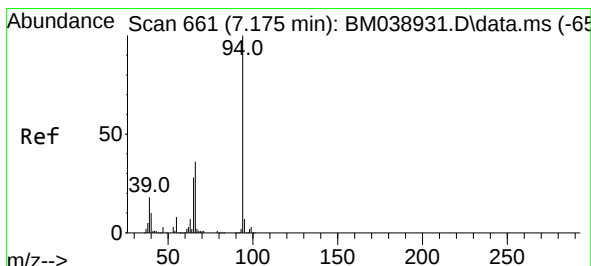
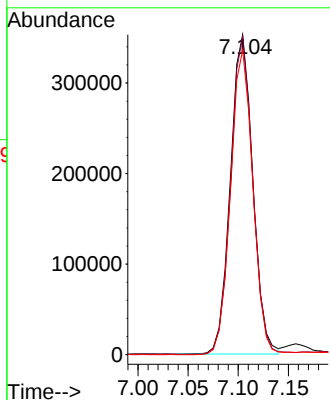
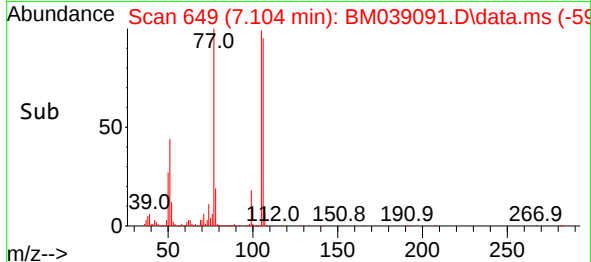
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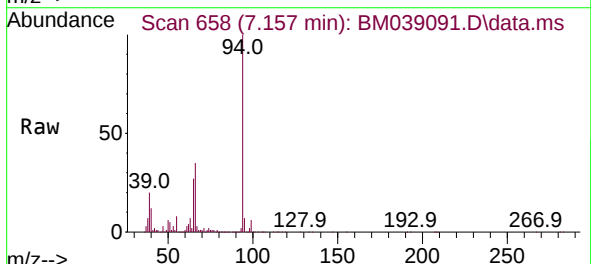
Tgt Ion: 77 Resp: 548868
Ion Ratio Lower Upper
77 100
105 99.3 75.8 115.8
106 95.3 72.6 112.6

Manual Integrations
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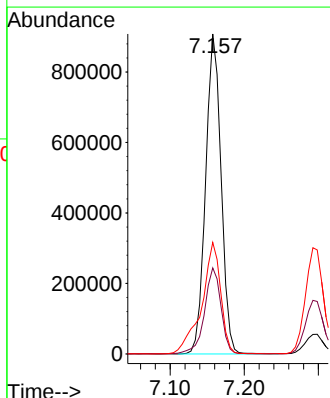
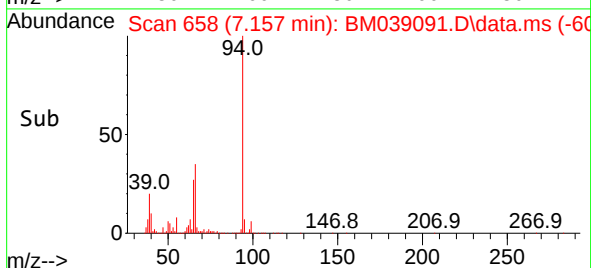
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023

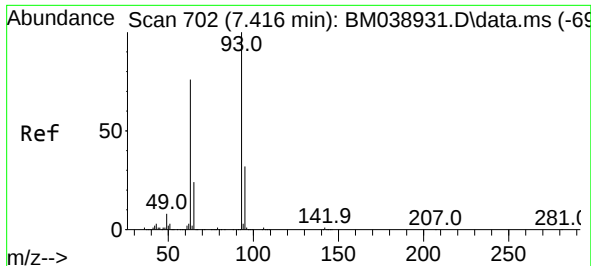


#10
Phenol
Concen: 39.404 ng
RT: 7.157 min Scan# 658
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16



Tgt Ion: 94 Resp: 1314027
Ion Ratio Lower Upper
94 100
65 26.9 7.9 47.9
66 34.8 15.8 55.8





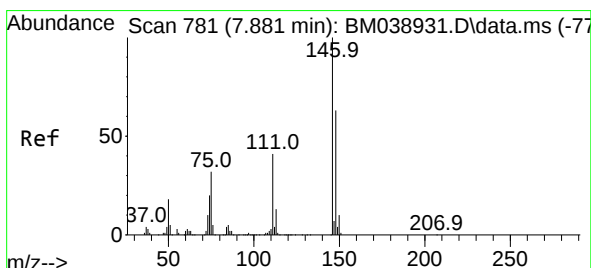
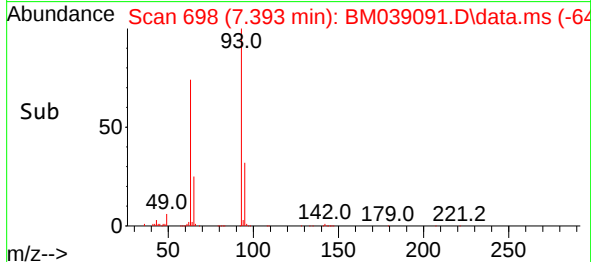
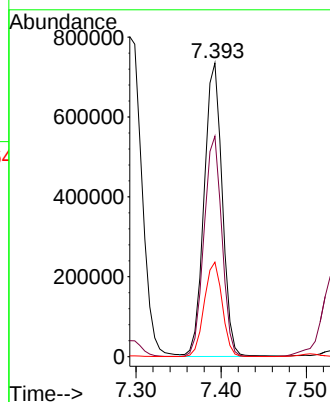
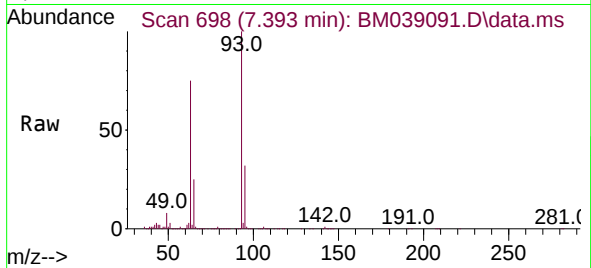
#11
bis(2-Chloroethyl)ether
Concen: 39.983 ng
RT: 7.393 min Scan# 69
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 93 Resp: 1084052
Ion Ratio Lower Upper
93 100
63 75.1 55.8 95.8
95 32.2 12.2 52.2

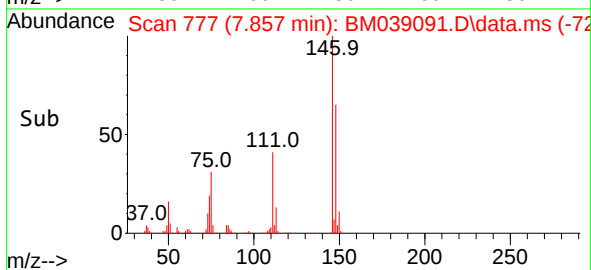
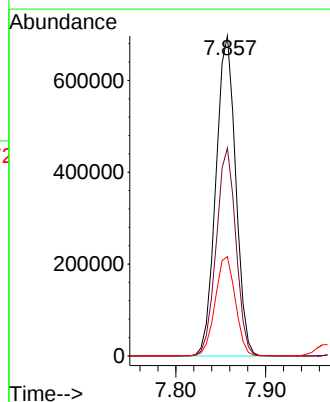
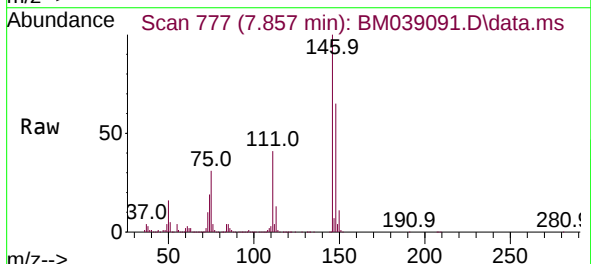
Manual Integrations
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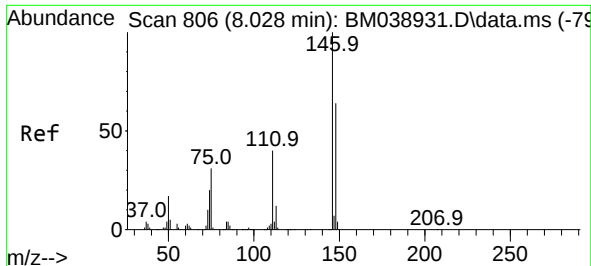
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023



#12
1,3-Dichlorobenzene
Concen: 39.077 ng
RT: 7.857 min Scan# 777
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

Tgt Ion:146 Resp: 1068894
Ion Ratio Lower Upper
146 100
148 65.0 50.6 75.8
75 31.0 26.0 39.0





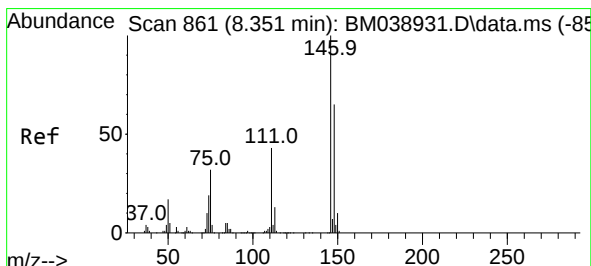
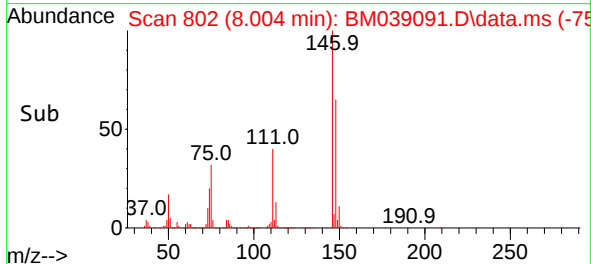
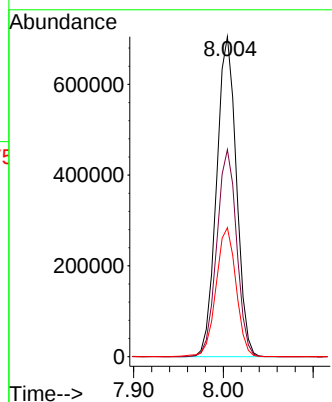
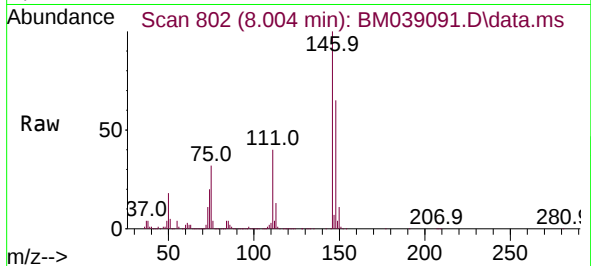
#13
1,4-Dichlorobenzene
Concen: 38.925 ng
RT: 8.004 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion:146 Resp: 1082866
Ion Ratio Lower Upper
146 100
148 64.7 51.0 76.4
111 40.3 32.2 48.4

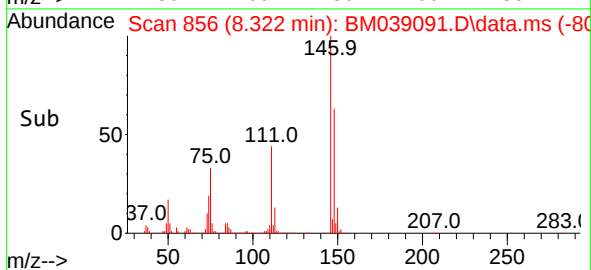
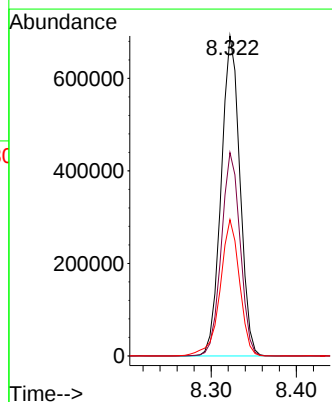
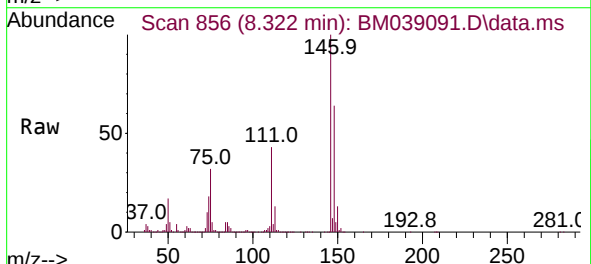
Manual Integrations
APPROVED

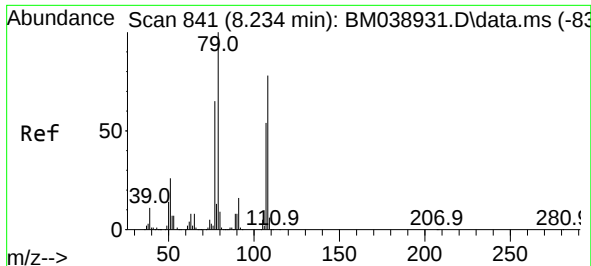
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023



#14
1,2-Dichlorobenzene
Concen: 39.349 ng
RT: 8.322 min Scan# 856
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

Tgt Ion:146 Resp: 1054423
Ion Ratio Lower Upper
146 100
148 63.5 51.7 77.5
111 42.6 34.2 51.4





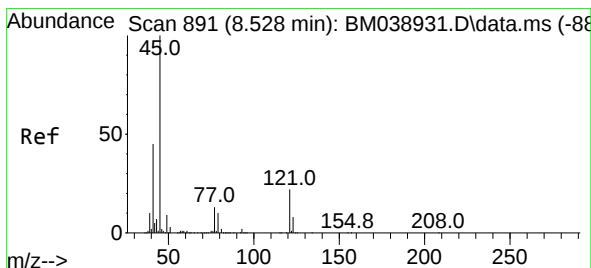
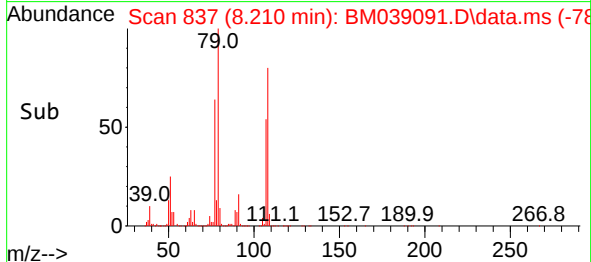
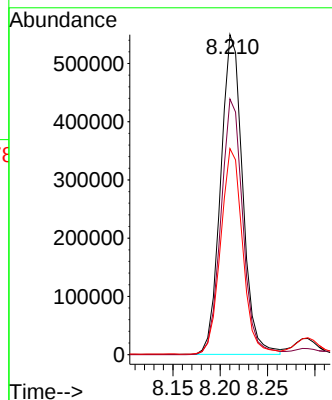
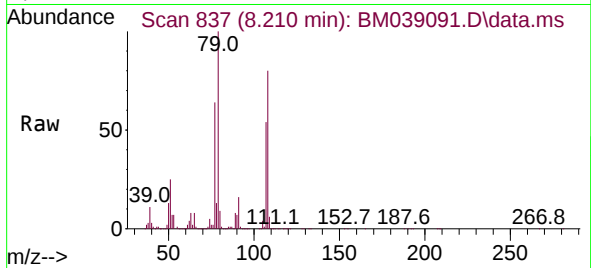
#15
Benzyl Alcohol
Concen: 39.318 ng
RT: 8.210 min Scan# 841
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 79 Resp: 884969
Ion Ratio Lower Upper
79 100
108 79.9 62.4 93.6
77 64.4 52.2 78.4

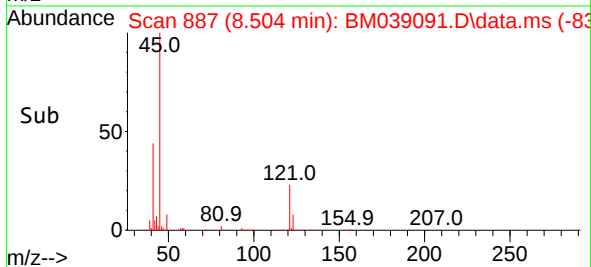
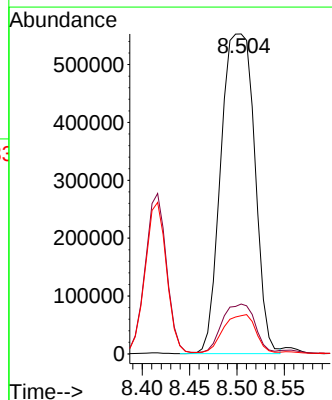
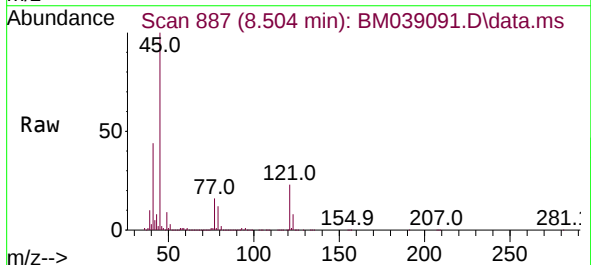
Manual Integrations
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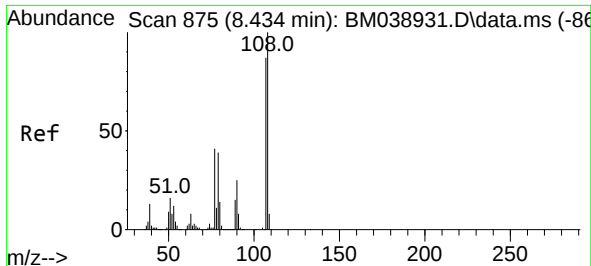
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.958 ng
RT: 8.504 min Scan# 887
Delta R.T. 0.006 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

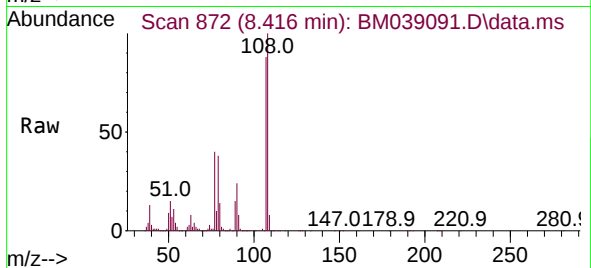
Tgt Ion: 45 Resp: 1368229
Ion Ratio Lower Upper
45 100
77 15.6 0.0 34.8
79 11.9 0.0 31.5





#17
2-Methylphenol
Concen: 40.878 ng
RT: 8.416 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

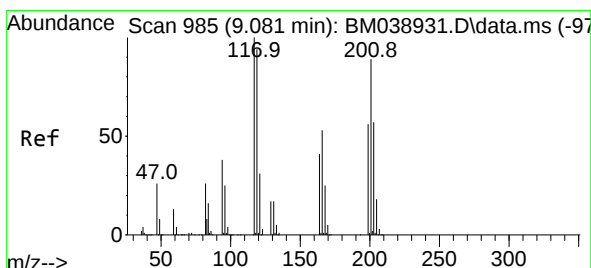
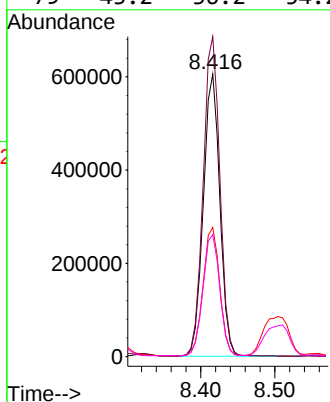
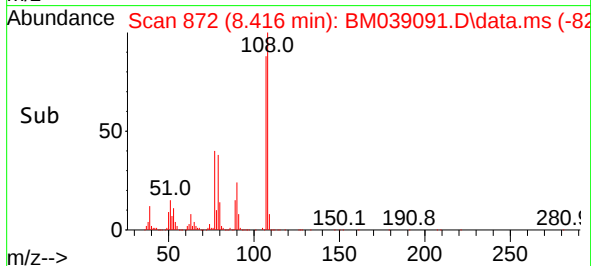
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



Tgt Ion:107 Resp: 936442
Ion Ratio Lower Upper
107 100
108 113.3 91.7 137.5
77 45.7 37.4 56.2
79 43.2 36.2 54.2

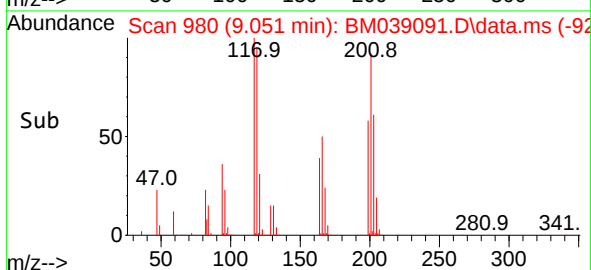
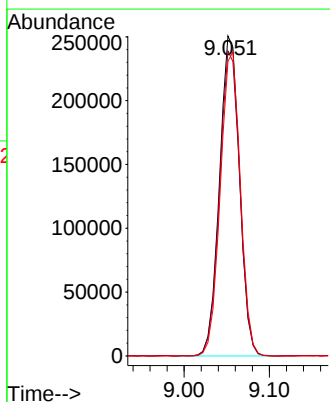
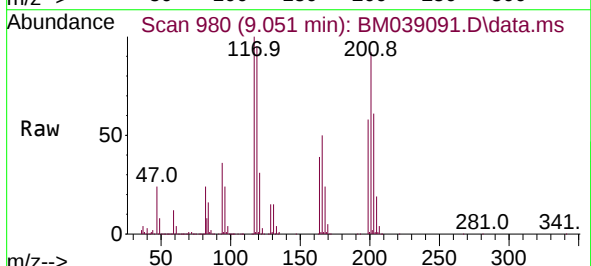
Manual Integrations
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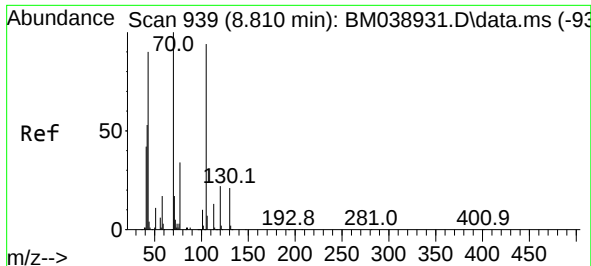
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023



#18
Hexachloroethane
Concen: 39.887 ng
RT: 9.051 min Scan# 980
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

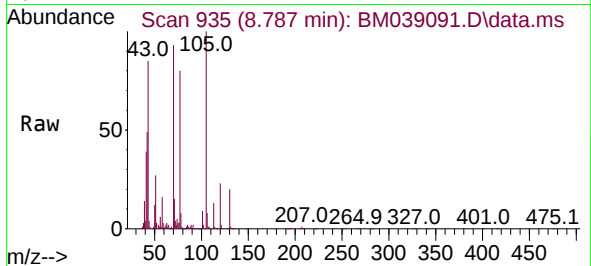
Tgt Ion:117 Resp: 409397
Ion Ratio Lower Upper
117 100
119 95.2 75.4 113.0
201 92.0 71.3 106.9





#19
n-Nitroso-di-n-propylamine
Concen: 42.471 ng
RT: 8.787 min Scan# 931
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

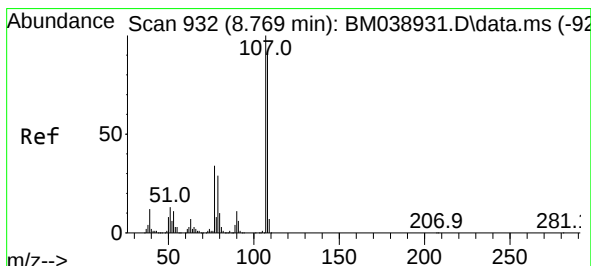
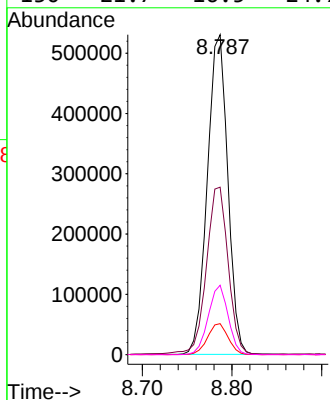
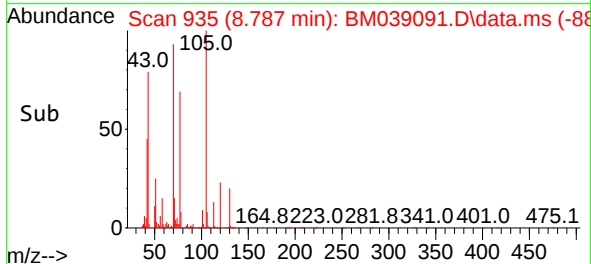
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



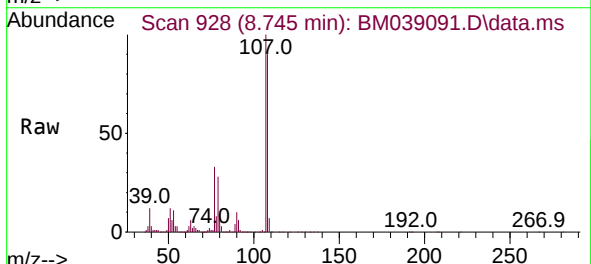
Tgt Ion: 70 Resp: 840047
Ion Ratio Lower Upper
70 100
42 52.3 43.4 65.2
101 9.7 7.6 11.4
130 21.7 16.5 24.7

Manual Integrations
APPROVED

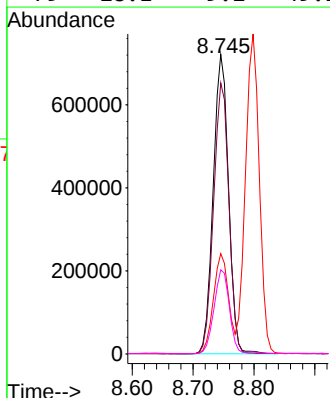
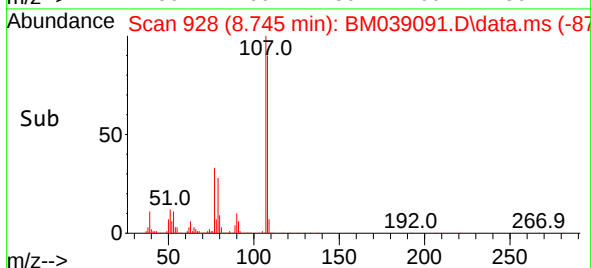
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023

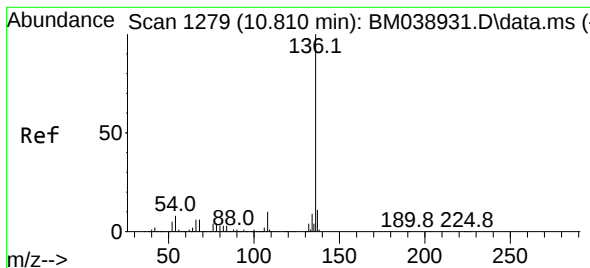


#20
3+4-Methylphenols
Concen: 41.215 ng
RT: 8.745 min Scan# 928
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16



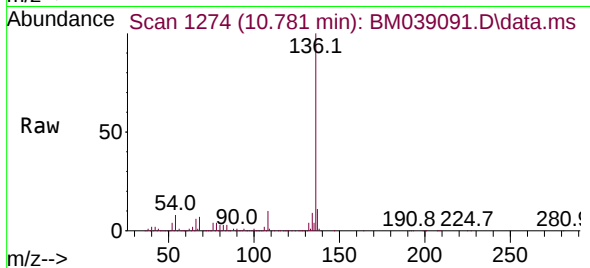
Tgt Ion:107 Resp: 1260672
Ion Ratio Lower Upper
107 100
108 90.5 71.8 111.8
77 33.5 13.6 53.6
79 28.1 9.2 49.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

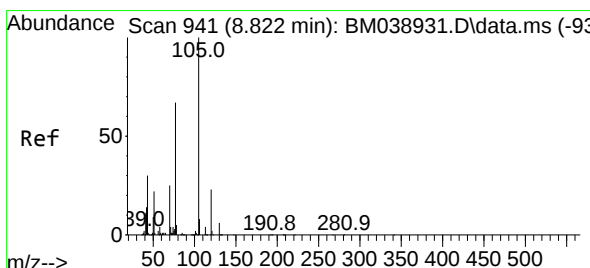
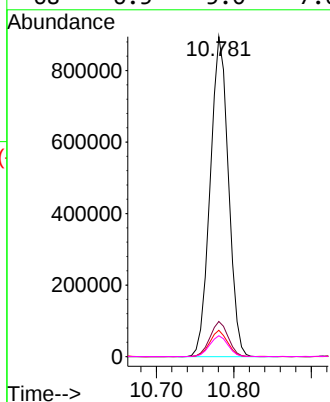
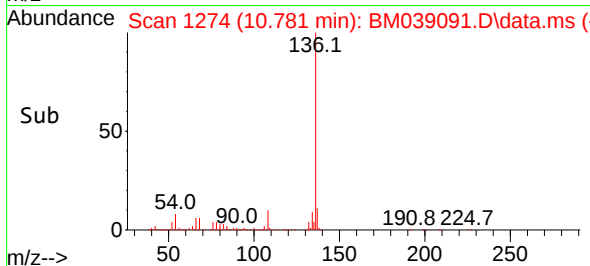
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



Tgt Ion:136 Resp: 1460661
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.2 6.3 9.5
68 6.5 5.0 7.6

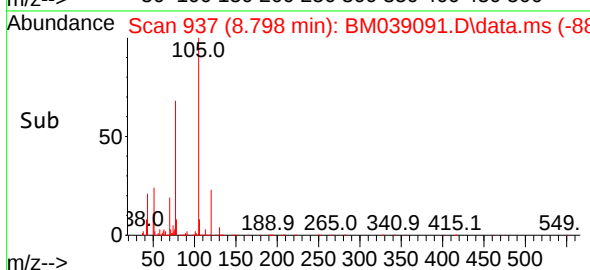
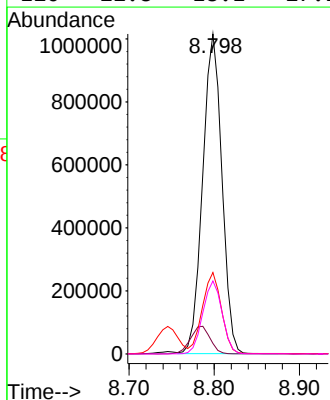
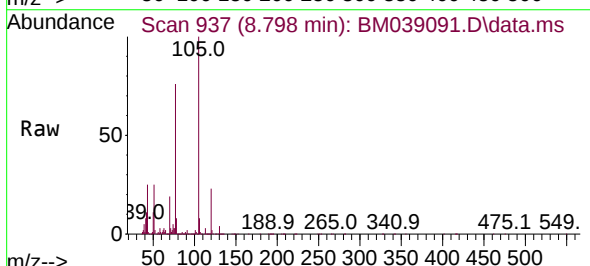
Manual Integrations
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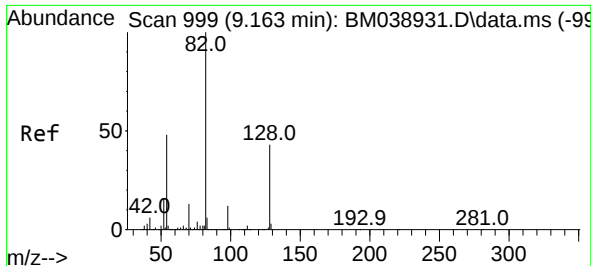
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023



#22
Acetophenone
Concen: 38.739 ng
RT: 8.798 min Scan# 937
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

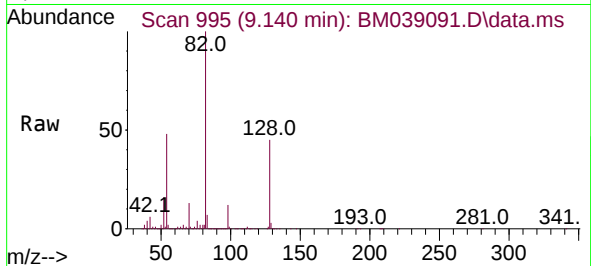
Tgt Ion:105 Resp: 1587558
Ion Ratio Lower Upper
105 100
71 3.3 3.4 5.0#
51 25.4 21.0 31.4
120 22.8 18.1 27.1





#23
Nitrobenzene-d5
Concen: 79.631 ng
RT: 9.140 min Scan# 999
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

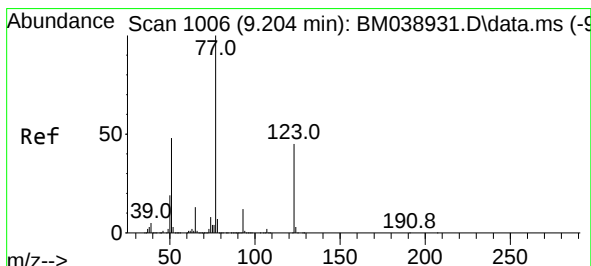
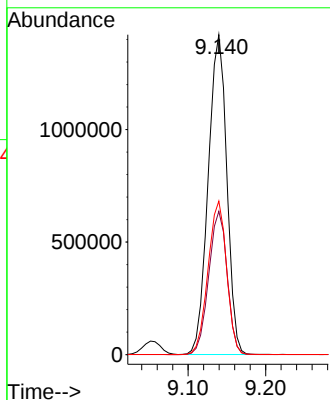
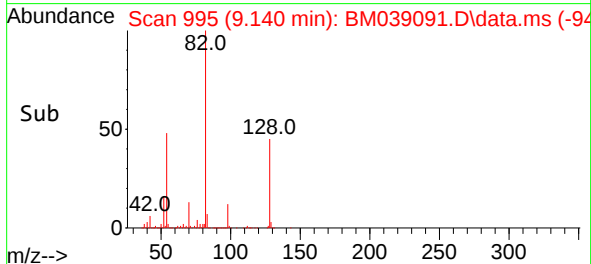
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



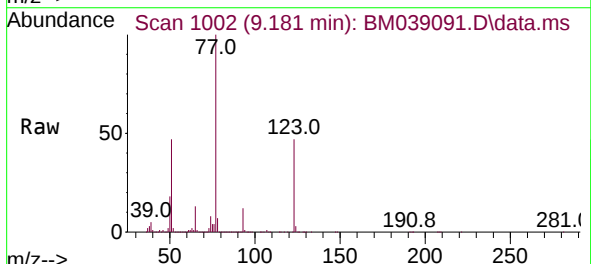
Tgt Ion: 82 Resp: 2367894
Ion Ratio Lower Upper
82 100
128 44.8 34.4 51.6
54 48.0 38.8 58.2

Manual Integrations
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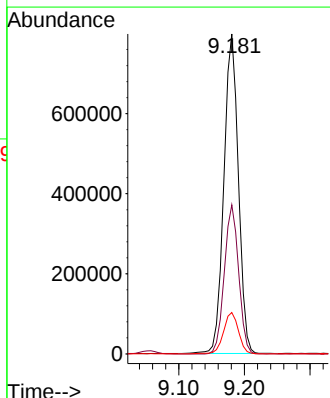
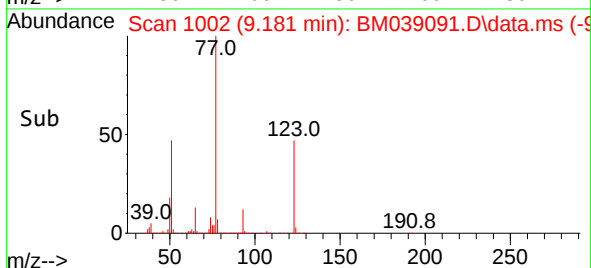
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023

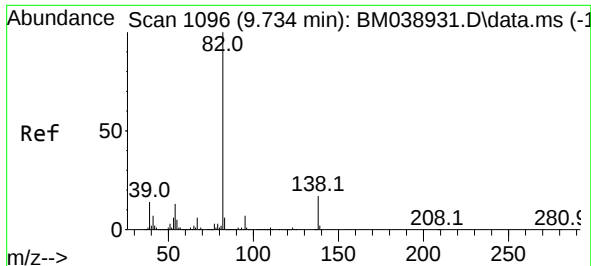


#24
Nitrobenzene
Concen: 39.326 ng
RT: 9.181 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16



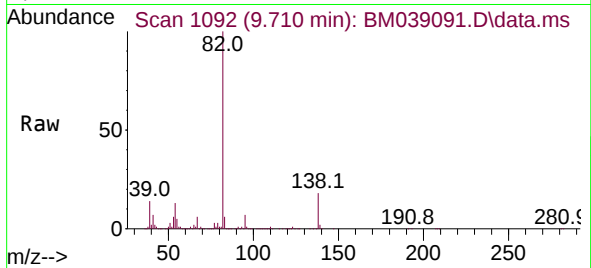
Tgt Ion: 77 Resp: 1229106
Ion Ratio Lower Upper
77 100
123 46.6 35.8 53.6
65 13.0 10.2 15.4





#25
Isophorone
Concen: 40.525 ng
RT: 9.710 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

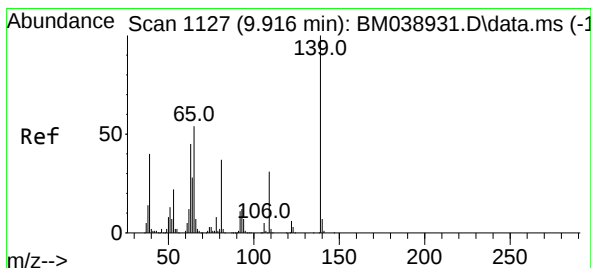
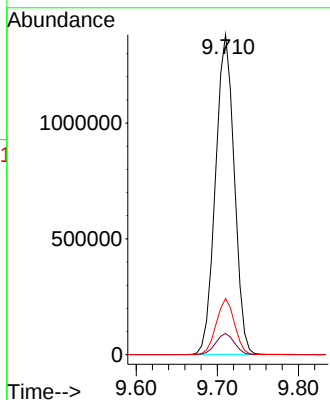
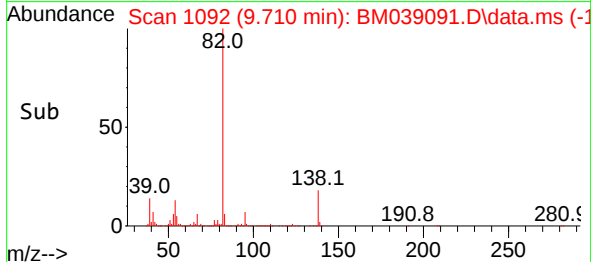
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 82 Resp: 2217548
Ion Ratio Lower Upper
82 100
95 6.6 5.2 7.8
138 17.5 13.6 20.4

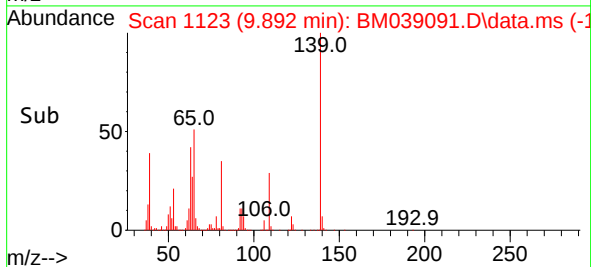
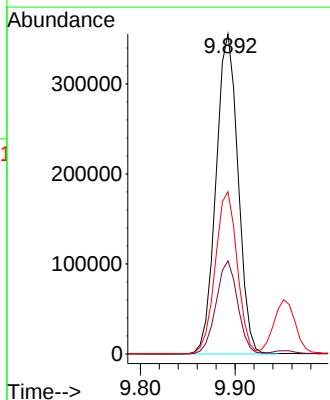
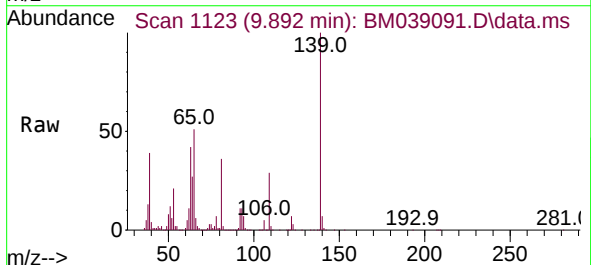
Manual Integrations
APPROVED

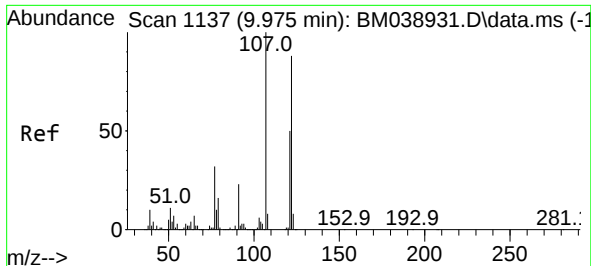
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023



#26
2-Nitrophenol
Concen: 42.004 ng
RT: 9.892 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

Tgt Ion:139 Resp: 574169
Ion Ratio Lower Upper
139 100
109 29.1 24.5 36.7
65 50.7 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 39.803 ng

RT: 9.951 min Scan# 1133

Delta R.T. 0.000 min

Lab File: BM039091.D

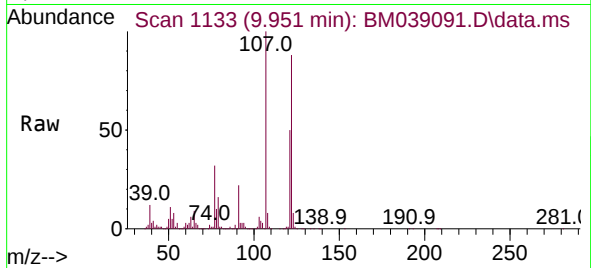
Acq: 22 Mar 2023 14:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC



Tgt Ion:122 Resp: 949038

Ion Ratio Lower Upper

122 100

107 113.9 91.0 136.4

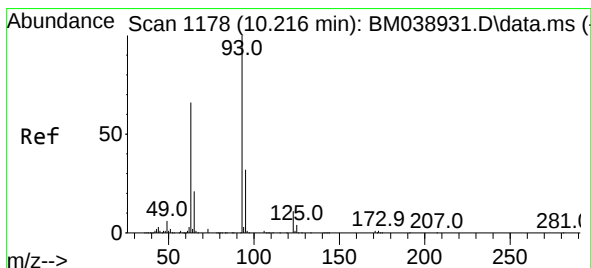
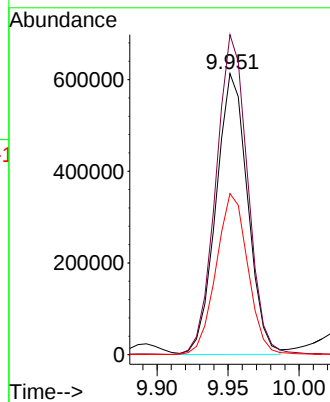
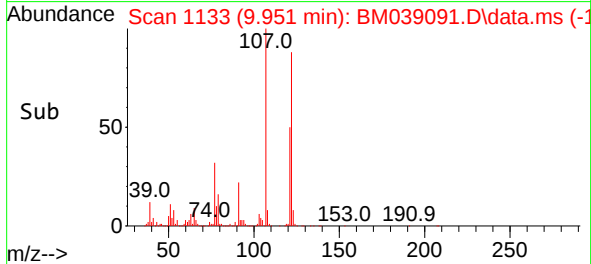
121 57.3 45.1 67.7

Manual Integrations

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Reviewed By :Christian Giraldo 03/23/2023

Supervised By :Jagrut Upadhyay 03/23/2023



#28

bis(2-Chloroethoxy)methane

Concen: 39.047 ng

RT: 10.192 min Scan# 1174

Delta R.T. 0.000 min

Lab File: BM039091.D

Acq: 22 Mar 2023 14:16

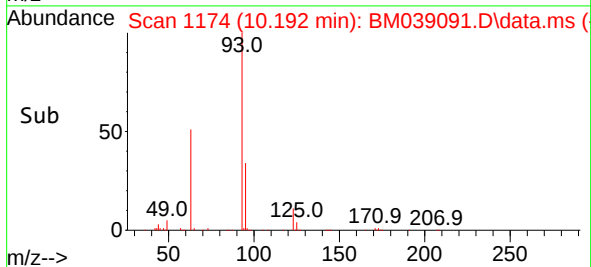
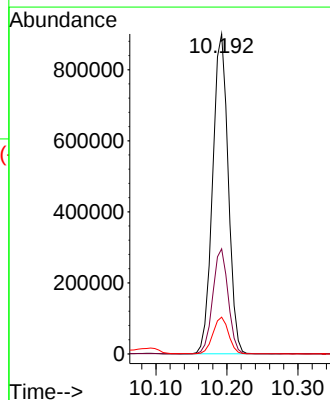
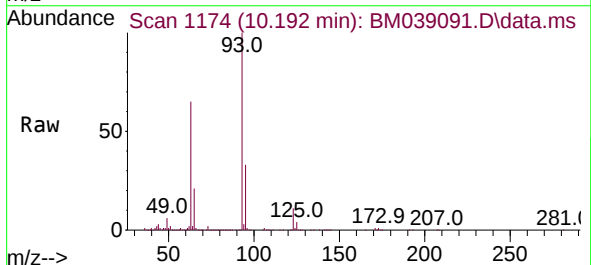
Tgt Ion: 93 Resp: 1372895

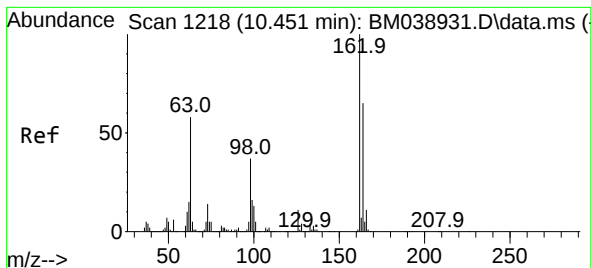
Ion Ratio Lower Upper

93 100

95 32.8 25.9 38.9

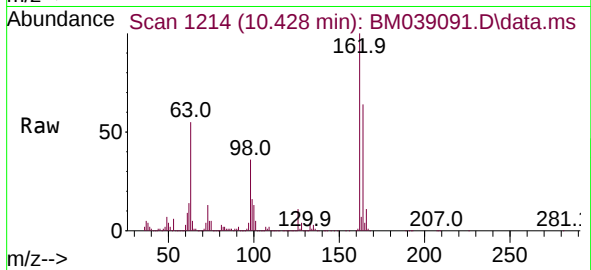
123 11.5 8.8 13.2





#29
2,4-Dichlorophenol
Concen: 40.569 ng
RT: 10.428 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

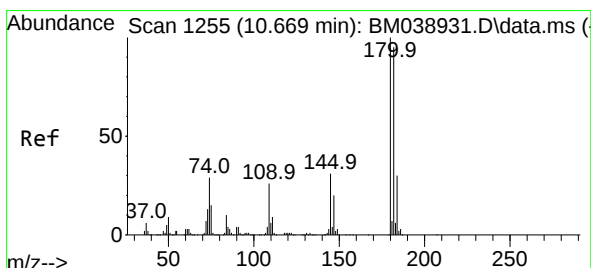
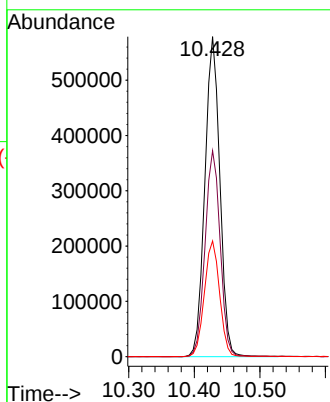
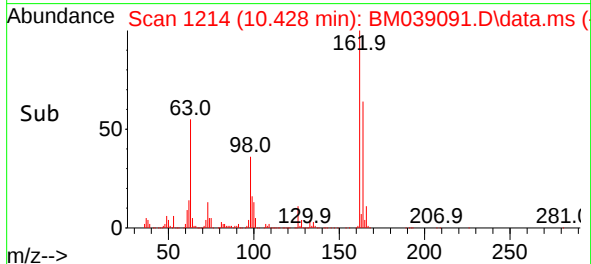
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



Tgt Ion:162 Resp: 917070
Ion Ratio Lower Upper
162 100
164 64.3 44.6 84.6
98 36.1 17.5 57.5

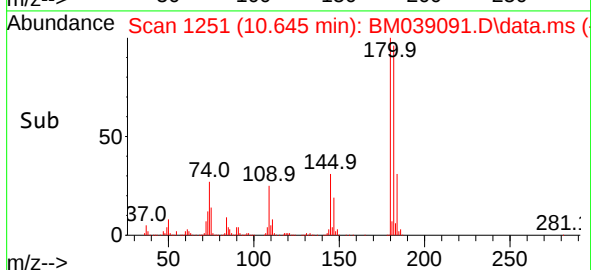
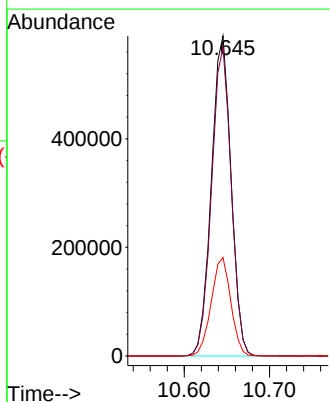
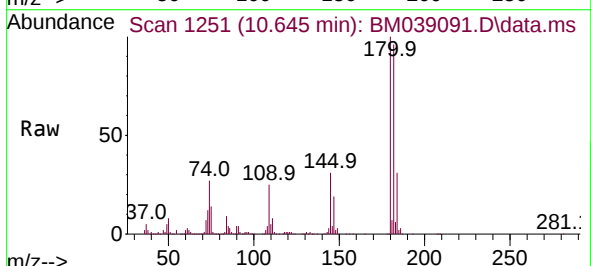
Manual Integrations
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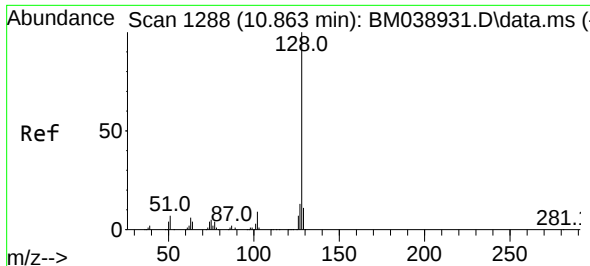
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023



#30
1,2,4-Trichlorobenzene
Concen: 38.223 ng
RT: 10.645 min Scan# 1251
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

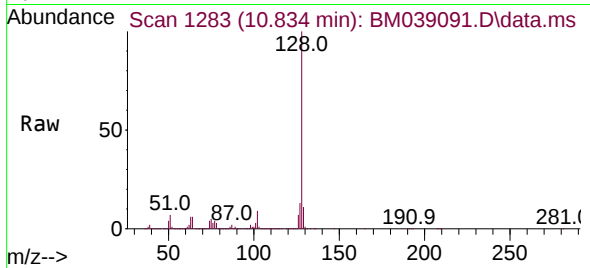
Tgt Ion:180 Resp: 944178
Ion Ratio Lower Upper
180 100
182 96.4 76.3 114.5
145 30.7 25.0 37.4





#31
Naphthalene
Concen: 38.456 ng
RT: 10.834 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

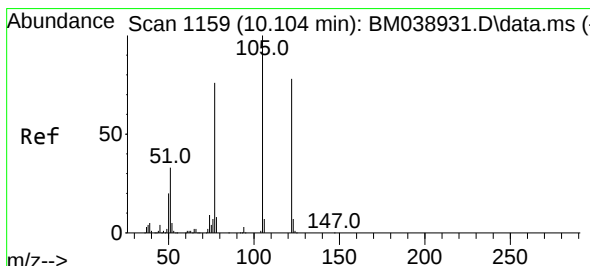
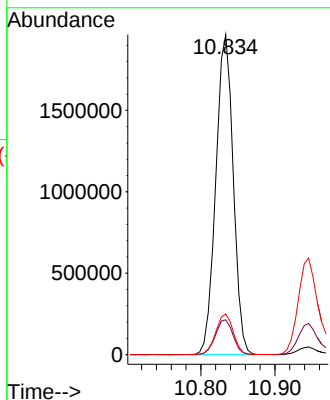
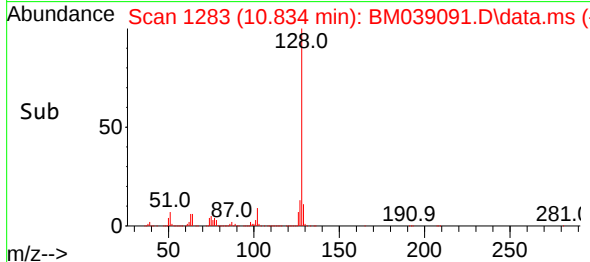
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



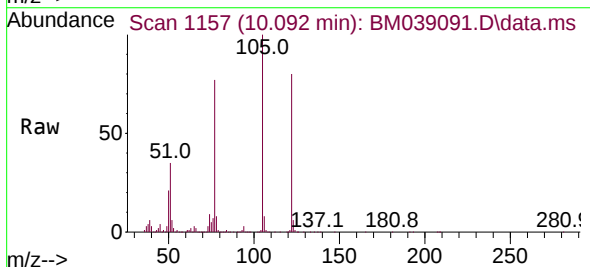
Tgt Ion:128 Resp: 3203013
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.7 10.2 15.4

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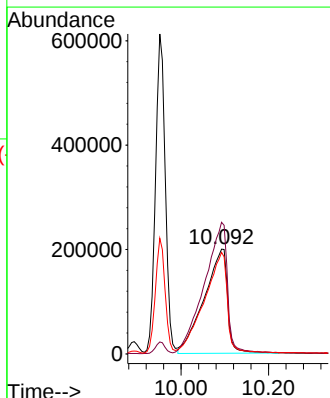
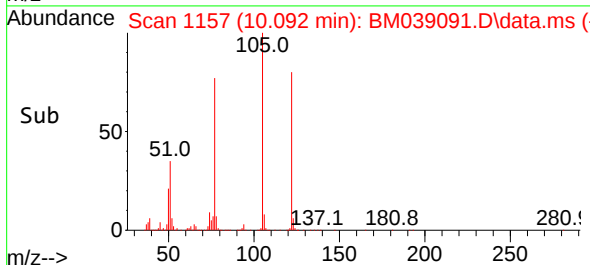
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023

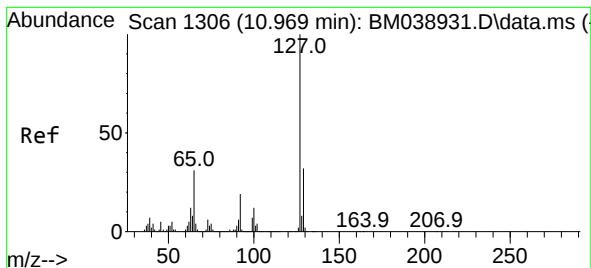


#32
Benzoic acid
Concen: 43.159 ng
RT: 10.092 min Scan# 1157
Delta R.T. 0.006 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16



Tgt Ion:122 Resp: 743535
Ion Ratio Lower Upper
122 100
105 125.6 104.2 144.2
77 97.0 75.1 115.1





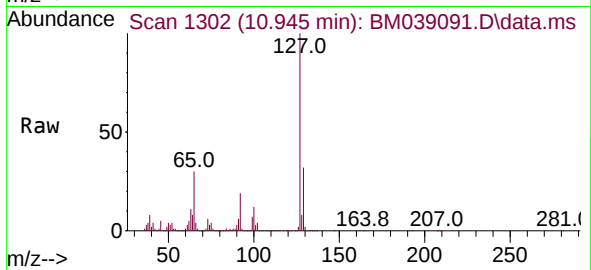
#33
4-Chloroaniline
Concen: 32.848 ng
RT: 10.945 min Scan# 1302
Delta R.T. 0.006 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

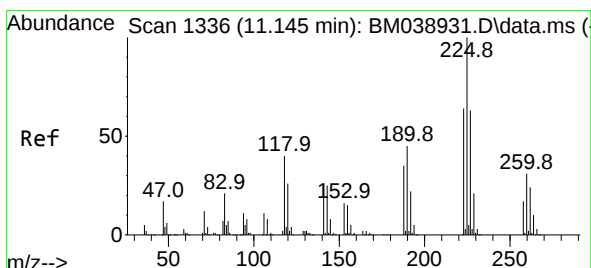
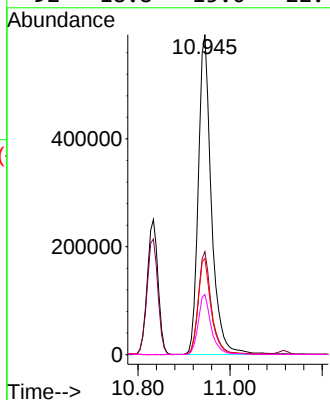
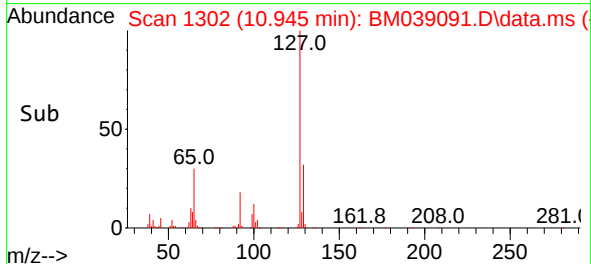


Tgt Ion:127 Resp: 1165938
Ion Ratio Lower Upper
127 100
129 32.2 25.4 38.2
65 30.0 24.4 36.6
92 18.8 15.0 22.4

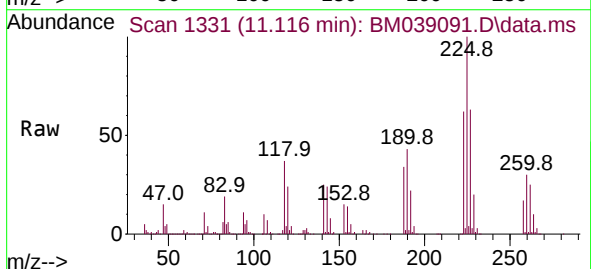
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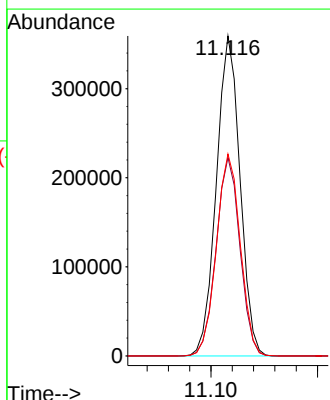
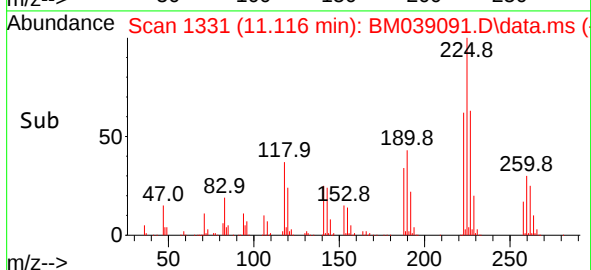
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023

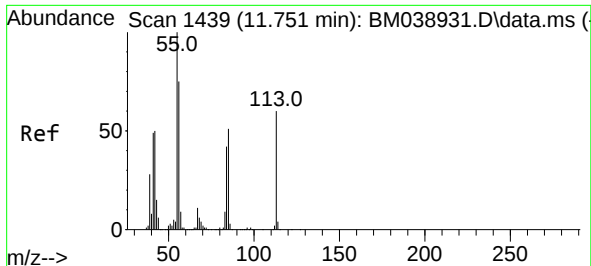


#34
Hexachlorobutadiene
Concen: 39.132 ng
RT: 11.116 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16



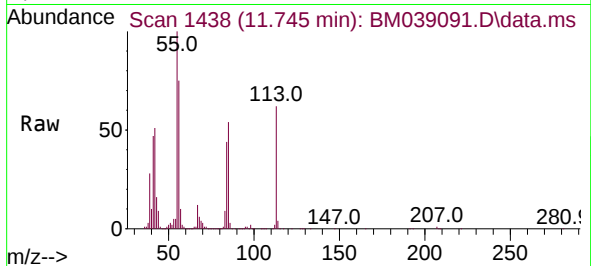
Tgt Ion:225 Resp: 554326
Ion Ratio Lower Upper
225 100
223 62.0 51.3 76.9
227 63.1 50.6 76.0





#35
Caprolactam
Concen: 39.591 ng
RT: 11.745 min Scan# 1438
Delta R.T. 0.012 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

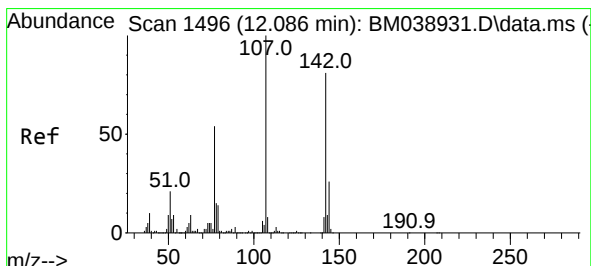
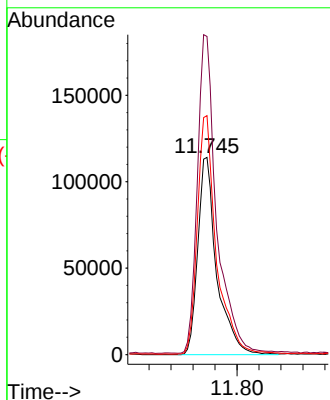
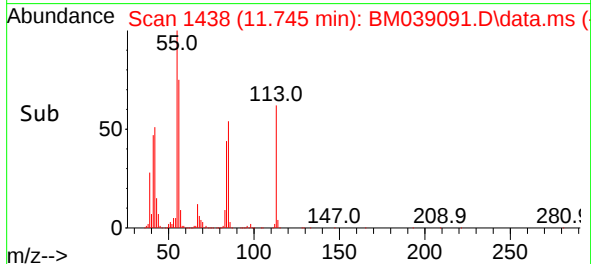
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



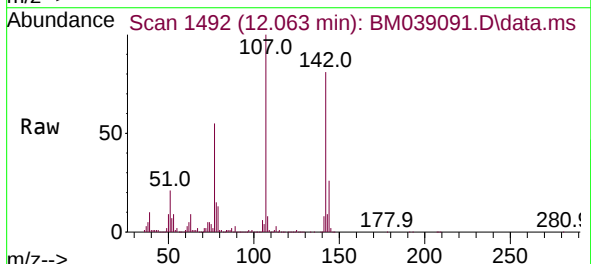
Tgt Ion:113 Resp: 272387
Ion Ratio Lower Upper
113 100
55 161.4 147.0 187.0
56 121.2 105.1 145.1

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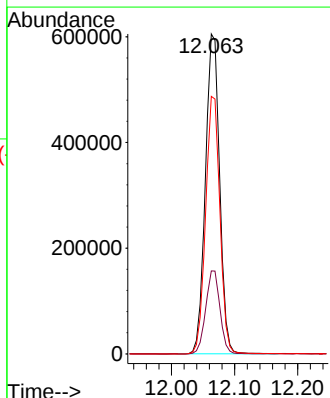
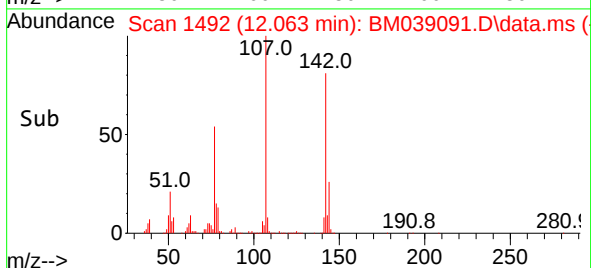
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023

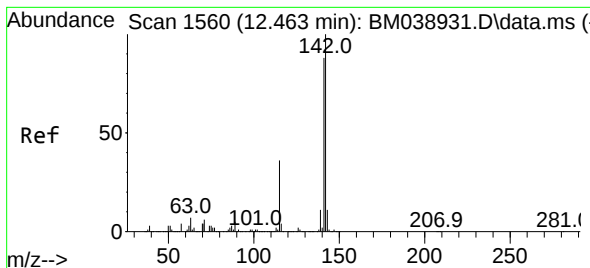


#36
4-Chloro-3-methylphenol
Concen: 39.336 ng
RT: 12.063 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16



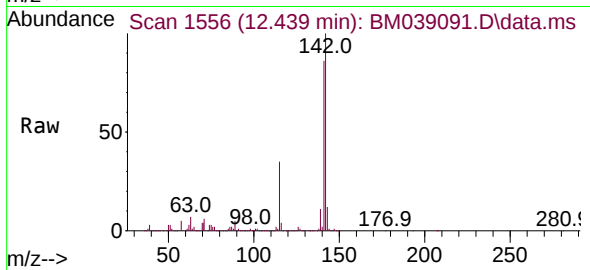
Tgt Ion:107 Resp: 946854
Ion Ratio Lower Upper
107 100
144 25.9 20.7 31.1
142 80.5 64.6 97.0





#37
2-Methylnaphthalene
Concen: 38.821 ng
RT: 12.439 min Scan# 1556
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

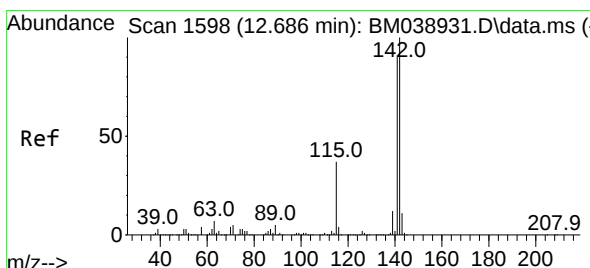
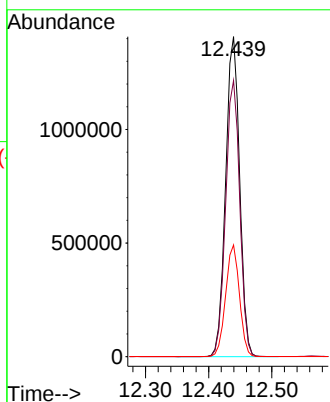
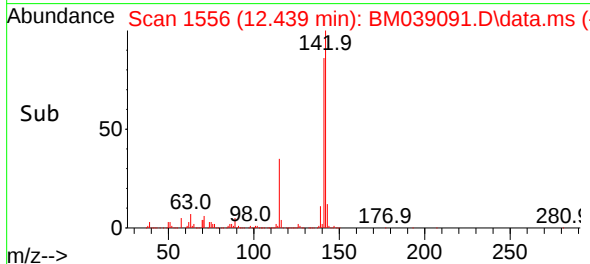
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



Tgt Ion:142 Resp: 2167168
Ion Ratio Lower Upper
142 100
141 86.3 70.6 106.0
115 34.9 28.5 42.7

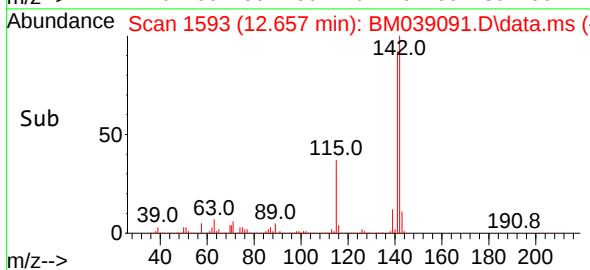
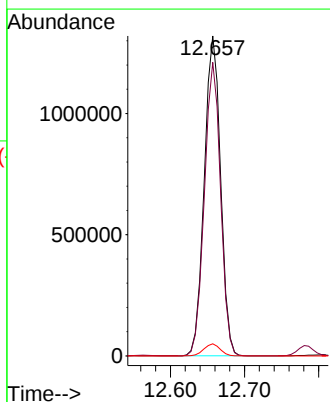
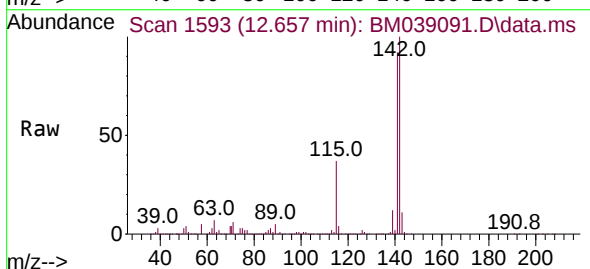
Manual Integrations
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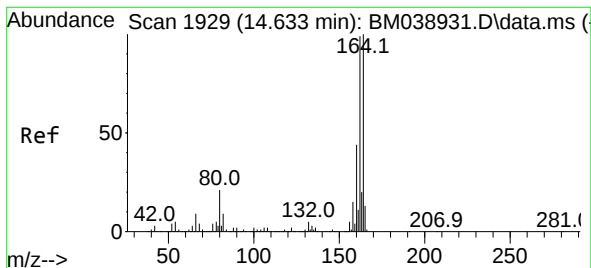
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023



#38
1-Methylnaphthalene
Concen: 38.523 ng
RT: 12.657 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

Tgt Ion:142 Resp: 2015325
Ion Ratio Lower Upper
142 100
141 91.7 72.8 109.2
116 3.8 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.610 min Scan# 1929

Delta R.T. 0.000 min

Lab File: BM039091.D

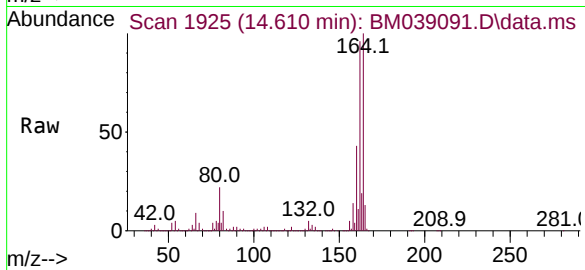
Acq: 22 Mar 2023 14:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC



Tgt Ion:164 Resp: 782865

Ion Ratio Lower Upper

164 100

162 96.3 79.2 118.8

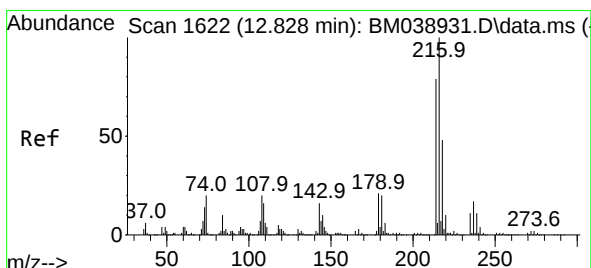
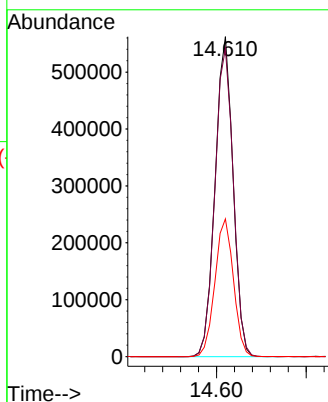
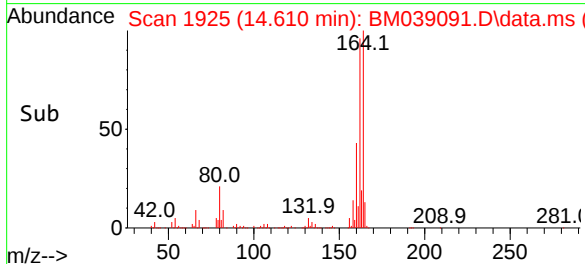
160 43.0 35.5 53.3

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Reviewed By :Christian Giraldo 03/23/2023

Supervised By :Jagrut Upadhyay 03/23/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.832 ng

RT: 12.804 min Scan# 1618

Delta R.T. 0.000 min

Lab File: BM039091.D

Acq: 22 Mar 2023 14:16

Tgt Ion:216 Resp: 988299

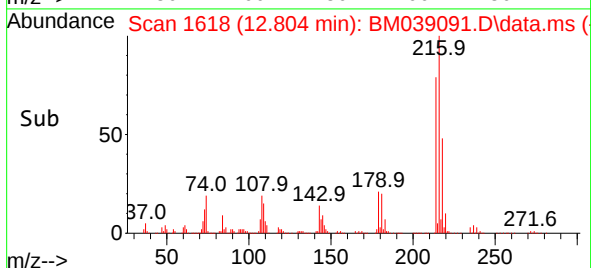
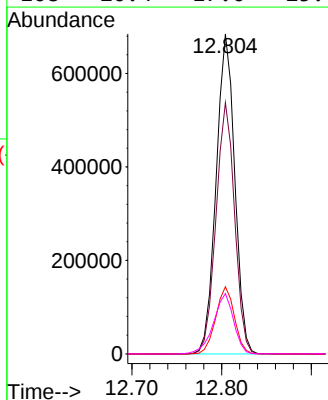
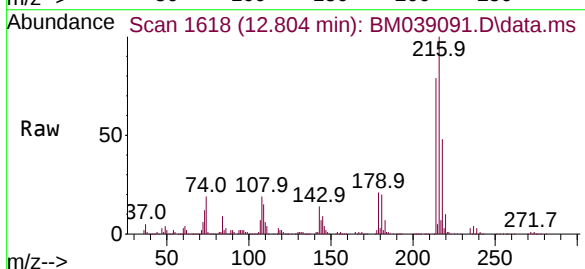
Ion Ratio Lower Upper

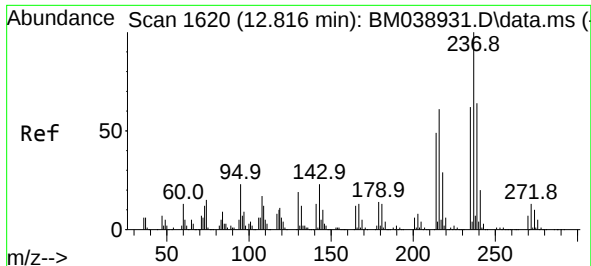
216 100

214 78.3 63.0 94.4

179 21.0 16.8 25.2

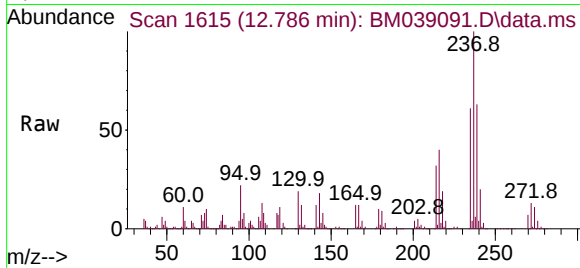
108 20.4 17.0 25.4





#41
Hexachlorocyclopentadiene
Concen: 34.417 ng
RT: 12.786 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

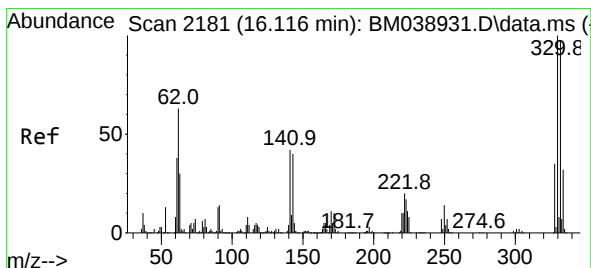
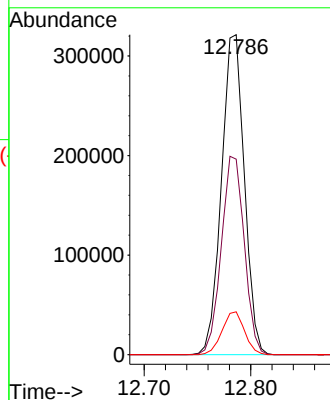
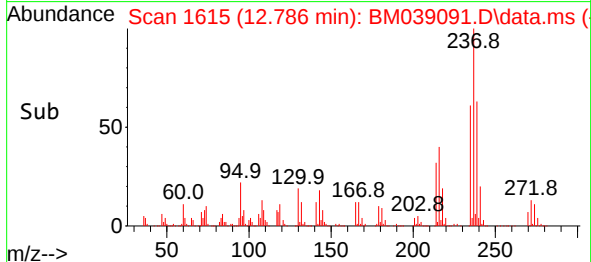
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



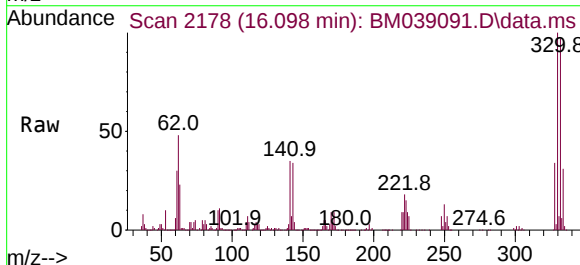
Tgt Ion:237 Resp: 480810
Ion Ratio Lower Upper
237 100
235 61.1 41.7 81.7
272 13.4 0.0 33.2

Manual Integrations
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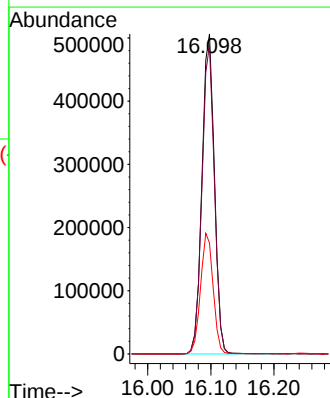
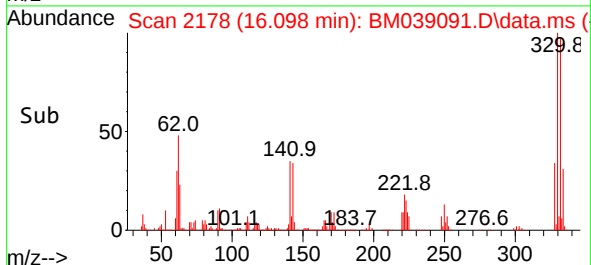
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023

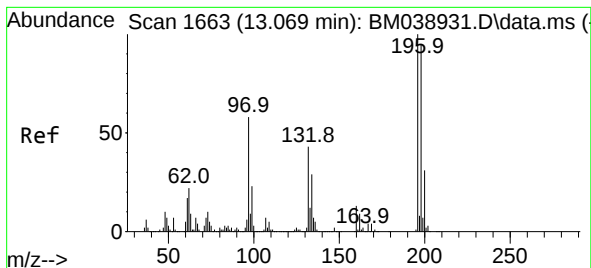


#42
2,4,6-Tribromophenol
Concen: 76.416 ng
RT: 16.098 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16



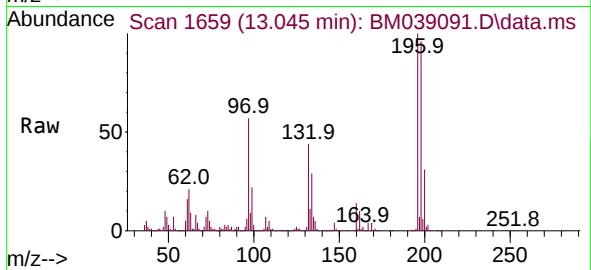
Tgt Ion:330 Resp: 692066
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.0
141 38.2 32.2 48.4





#43
2,4,6-Trichlorophenol
Concen: 41.046 ng
RT: 13.045 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

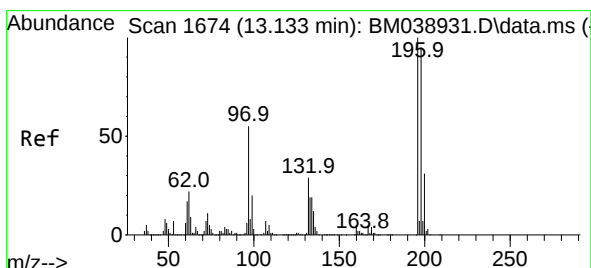
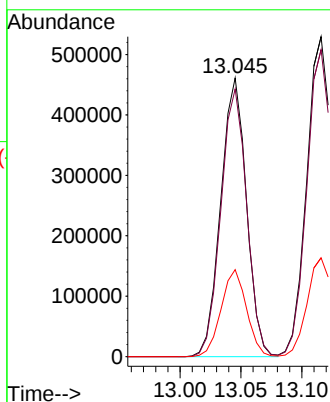
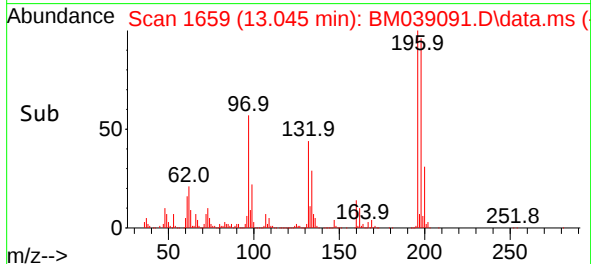
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



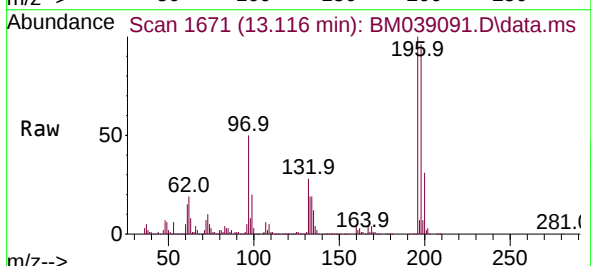
Tgt Ion:196 Resp: 676460
Ion Ratio Lower Upper
196 100
198 96.0 75.8 113.8
200 31.2 25.0 37.4

Manual Integrations
APPROVED

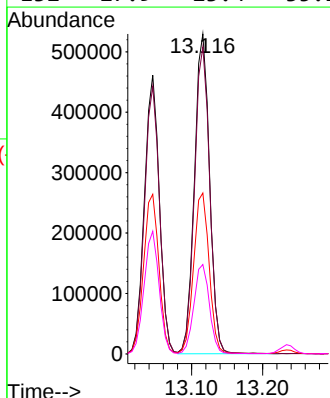
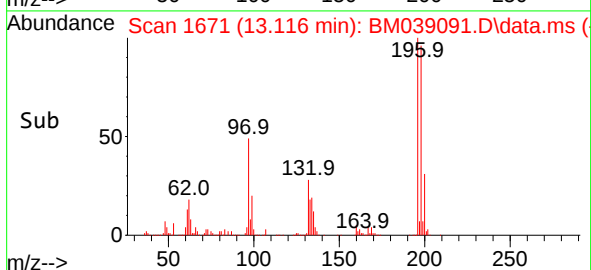
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023

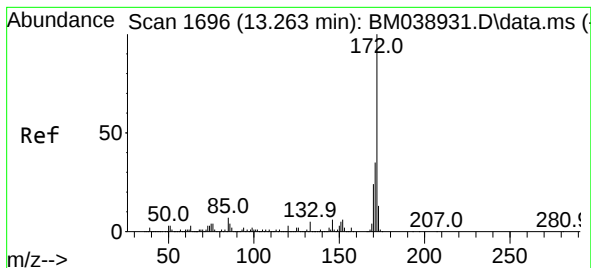


#44
2,4,5-Trichlorophenol
Concen: 40.524 ng
RT: 13.116 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16



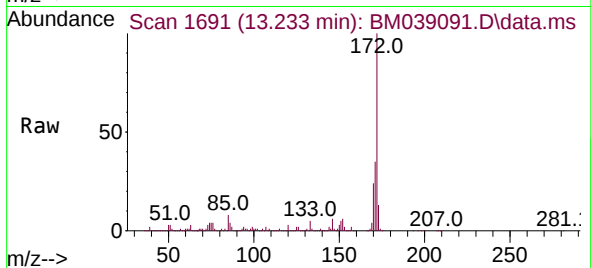
Tgt Ion:196 Resp: 781729
Ion Ratio Lower Upper
196 100
198 95.9 76.3 114.5
97 50.3 44.2 66.4
132 27.9 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 77.275 ng
RT: 13.233 min Scan# 1696
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

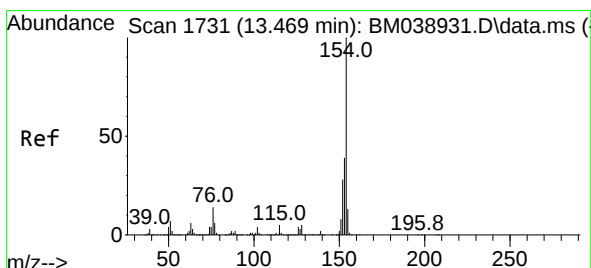
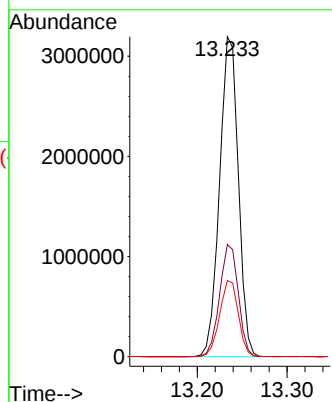
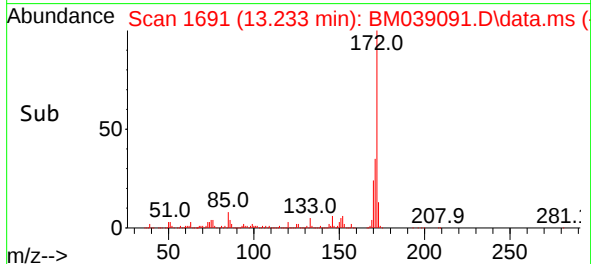
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



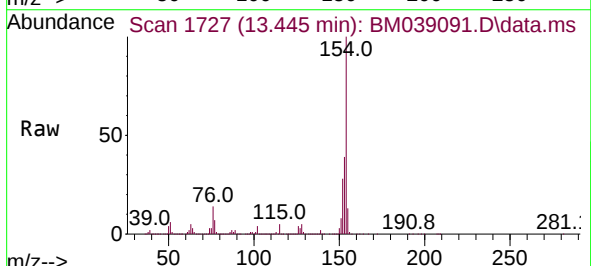
Tgt Ion:172 Resp: 4647128
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 23.8 19.1 28.7

Manual Integrations
APPROVED

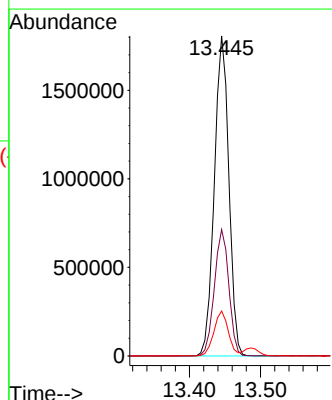
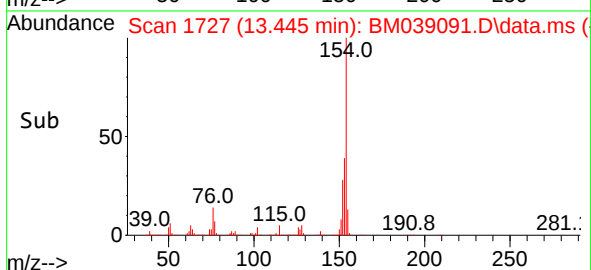
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023

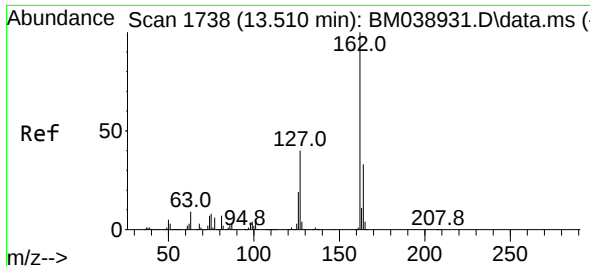


#46
1,1'-Biphenyl
Concen: 38.692 ng
RT: 13.445 min Scan# 1727
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16



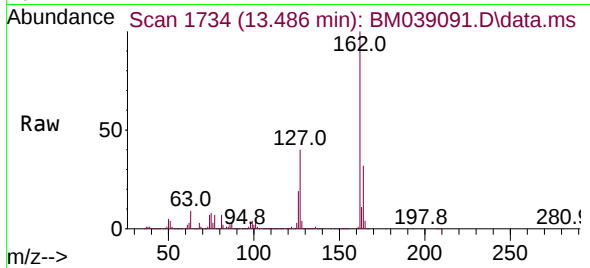
Tgt Ion:154 Resp: 2566138
Ion Ratio Lower Upper
154 100
153 39.5 19.3 59.3
76 14.0 0.0 34.0





#47
2-Chloronaphthalene
Concen: 39.032 ng
RT: 13.486 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

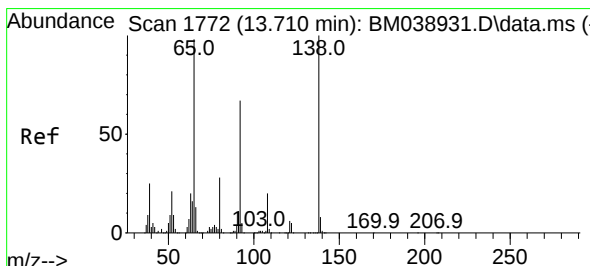
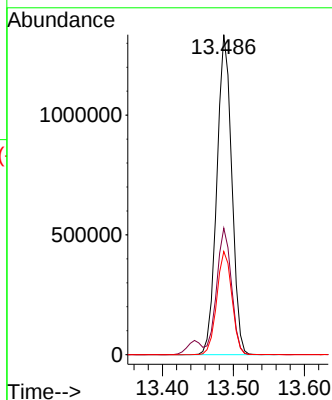
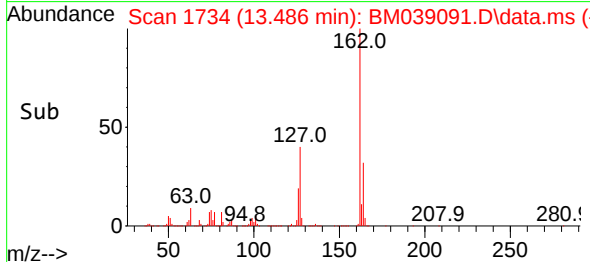
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



Tgt Ion:162 Resp: 1952066
Ion Ratio Lower Upper
162 100
127 39.5 32.1 48.1
164 32.2 26.2 39.4

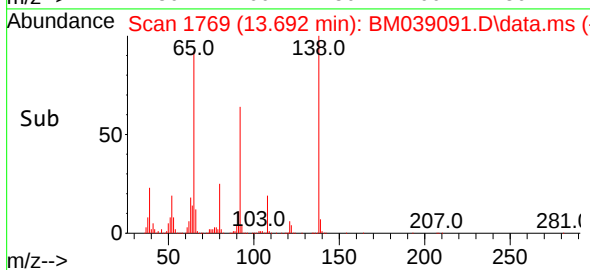
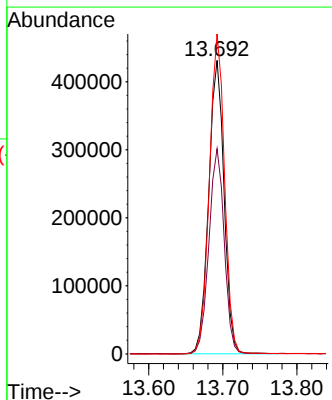
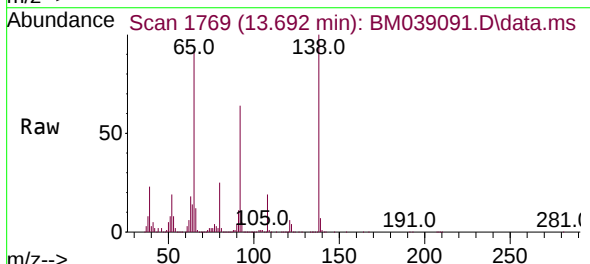
Manual Integrations
APPROVED

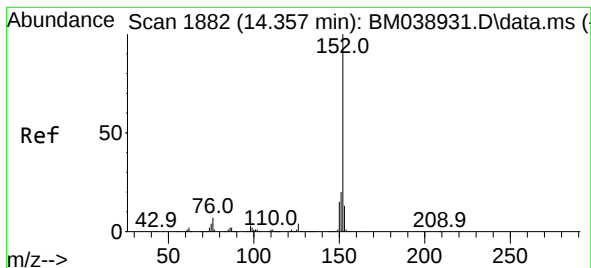
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023



#48
2-Nitroaniline
Concen: 39.174 ng
RT: 13.692 min Scan# 1769
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

Tgt Ion: 65 Resp: 620426
Ion Ratio Lower Upper
65 100
92 69.9 54.9 82.3
138 109.0 81.6 122.4





#49

Acenaphthylene

Concen: 39.097 ng

RT: 14.333 min Scan# 1882

Delta R.T. 0.000 min

Lab File: BM039091.D

Acq: 22 Mar 2023 14:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tgt Ion:152 Resp: 3114540

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.8

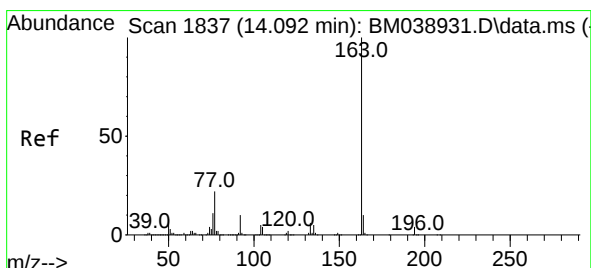
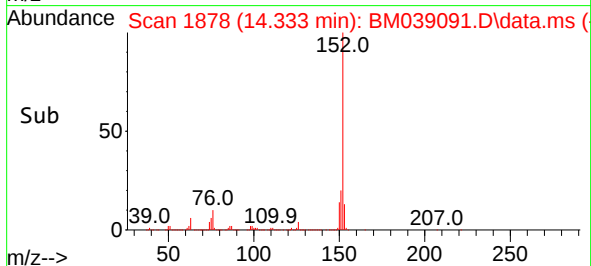
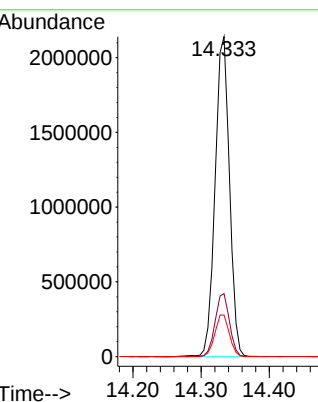
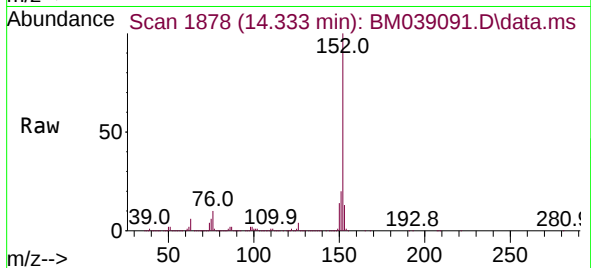
153 13.0 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/23/2023

Supervised By :Jagrut Upadhyay 03/23/2023



#50

Dimethylphthalate

Concen: 37.652 ng

RT: 14.069 min Scan# 1833

Delta R.T. 0.000 min

Lab File: BM039091.D

Acq: 22 Mar 2023 14:16

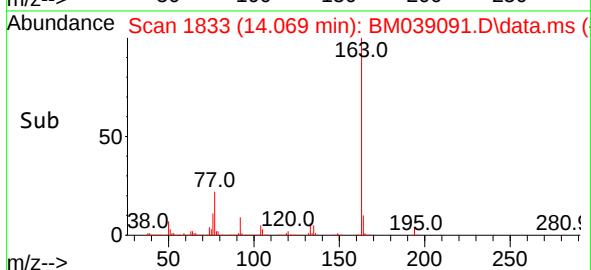
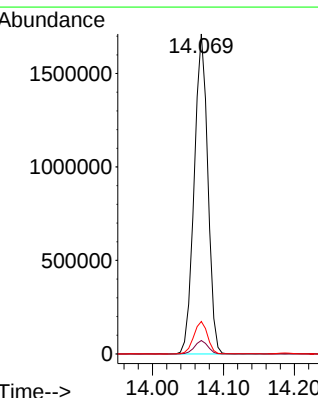
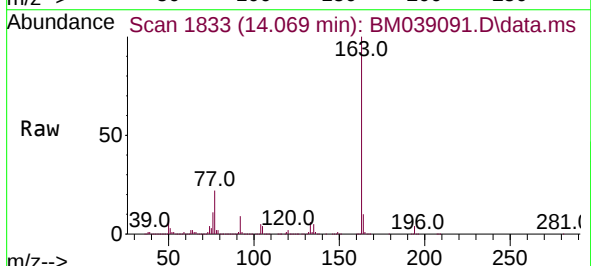
Tgt Ion:163 Resp: 2268190

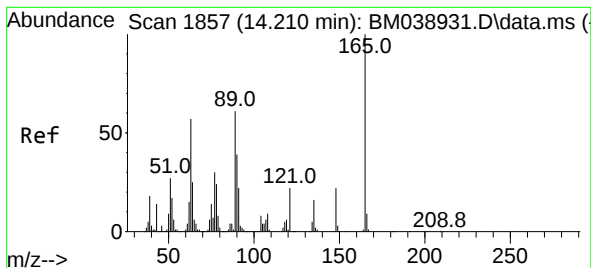
Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

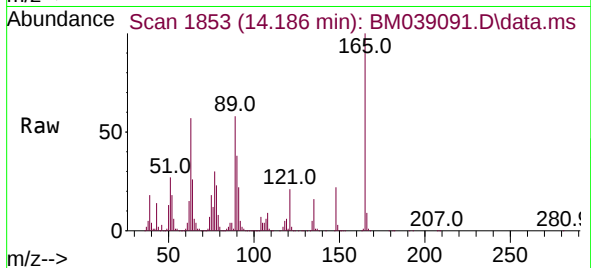
164 10.1 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 37.788 ng
RT: 14.186 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

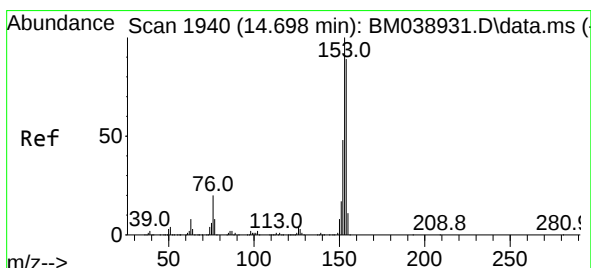
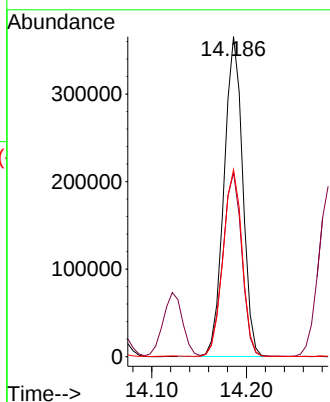
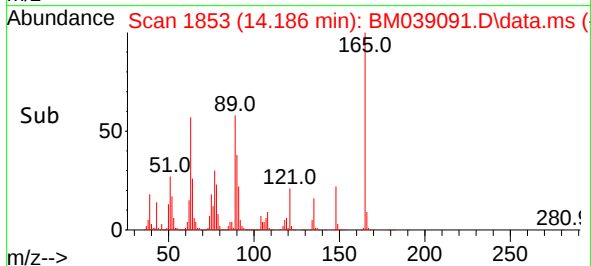
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



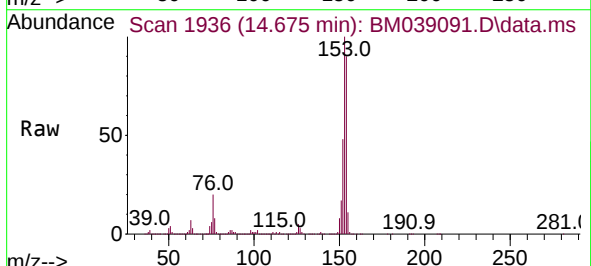
Tgt Ion:165 Resp: 499066
Ion Ratio Lower Upper
165 100
63 57.5 46.6 70.0
89 58.4 48.6 73.0

Manual Integrations
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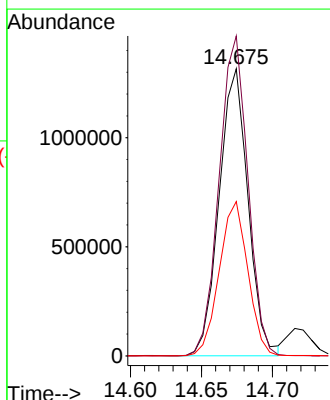
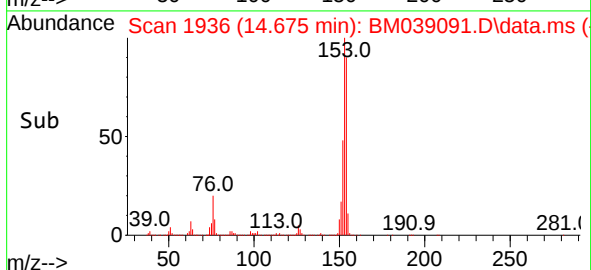
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023

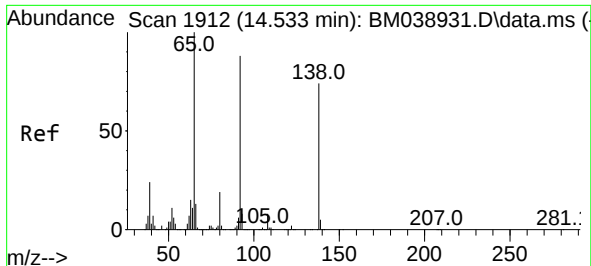


#52
Acenaphthene
Concen: 38.113 ng
RT: 14.675 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16



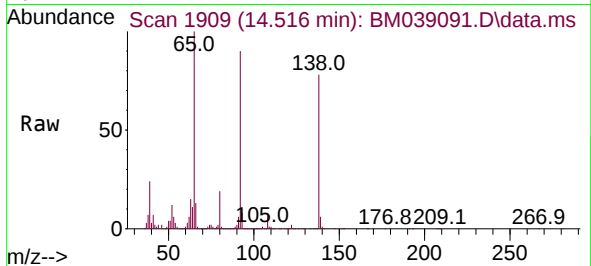
Tgt Ion:154 Resp: 1865911
Ion Ratio Lower Upper
154 100
153 111.4 90.2 135.2
152 53.7 43.4 65.2





#53
3-Nitroaniline
Concen: 34.451 ng
RT: 14.516 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

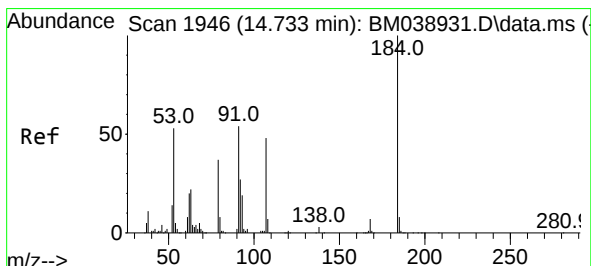
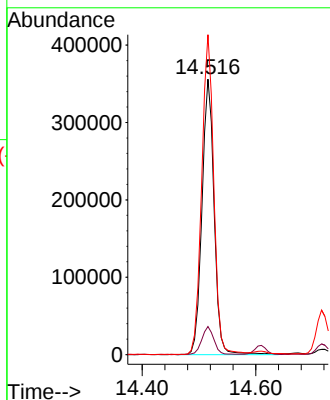
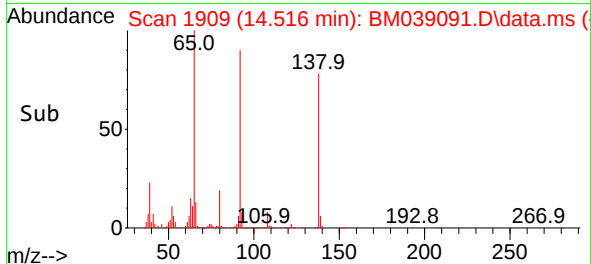
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



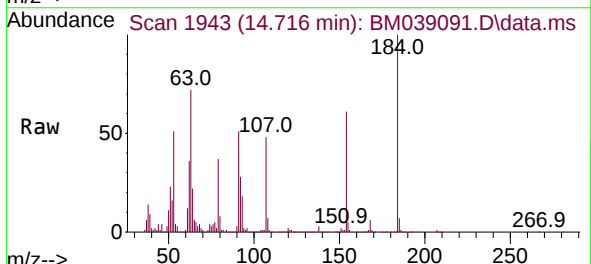
Tgt Ion:138 Resp: 529313
Ion Ratio Lower Upper
138 100
108 10.2 8.3 12.5
92 116.2 95.8 143.8

Manual Integrations
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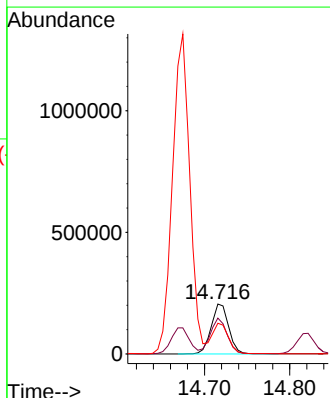
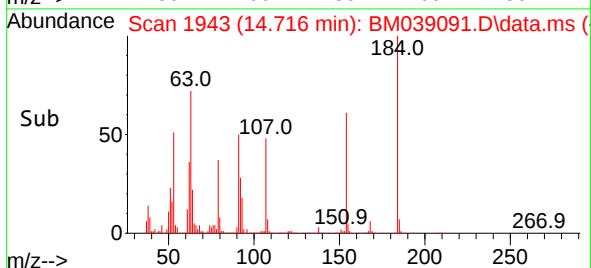
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023

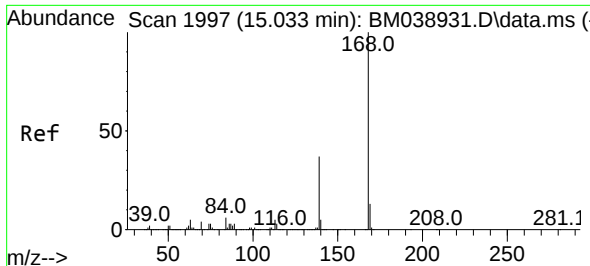


#54
2,4-Dinitrophenol
Concen: 40.635 ng
RT: 14.716 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16



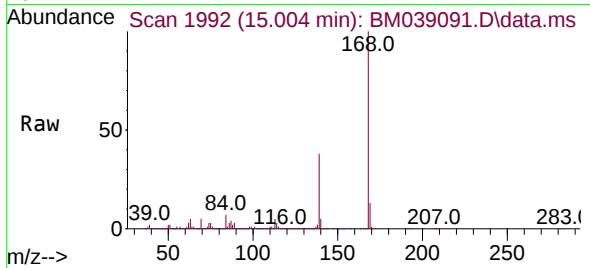
Tgt Ion:184 Resp: 290246
Ion Ratio Lower Upper
184 100
63 71.9 60.6 90.8
154 61.4 51.4 77.2





#55
Dibenzenofuran
Concen: 37.775 ng
RT: 15.004 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

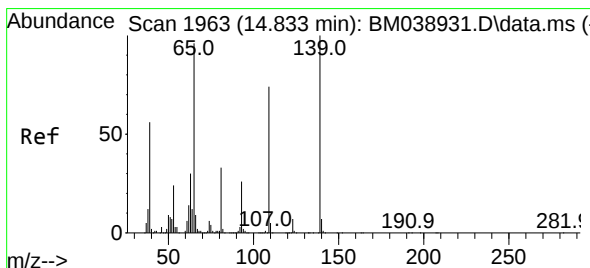
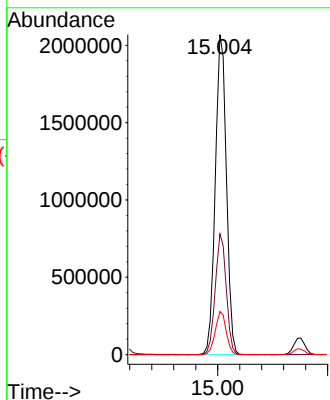
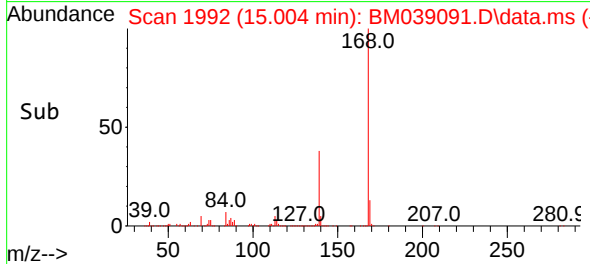
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



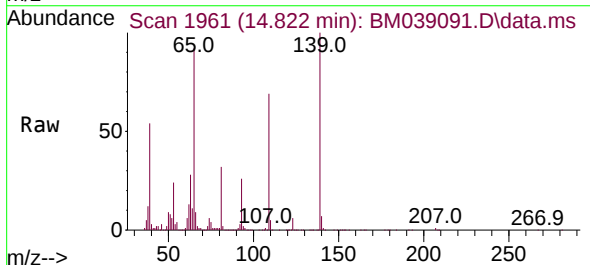
Tgt Ion:168 Resp: 289396
Ion Ratio Lower Upper
168 100
139 37.7 29.9 44.9
169 13.5 10.7 16.1

Manual Integrations
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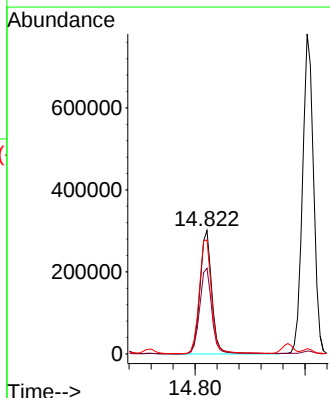
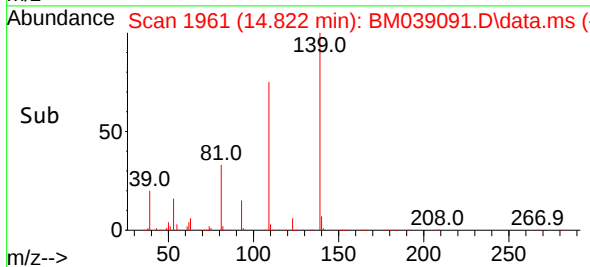
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023

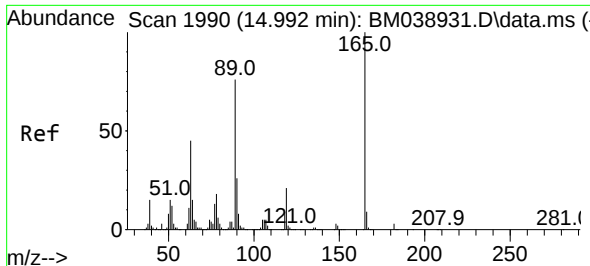


#56
4-Nitrophenol
Concen: 37.300 ng
RT: 14.822 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16



Tgt Ion:139 Resp: 446256
Ion Ratio Lower Upper
139 100
109 69.4 53.5 93.5
65 92.3 76.4 116.4





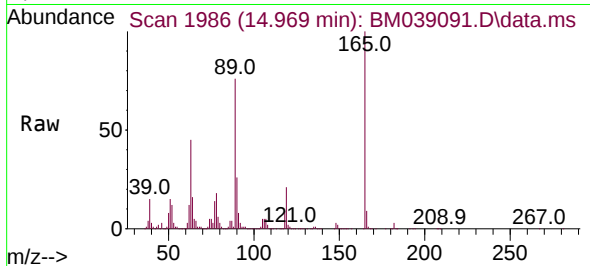
#57
2,4-Dinitrotoluene
Concen: 36.958 ng
RT: 14.969 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

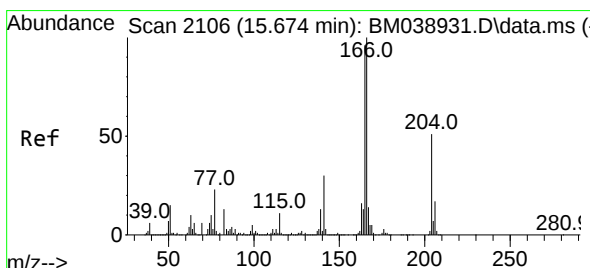
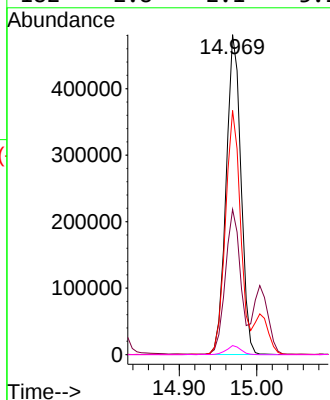
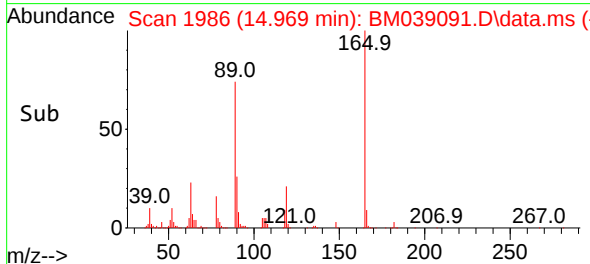


Tgt Ion:165 Resp: 639242
Ion Ratio Lower Upper
165 100
63 45.4 35.9 53.9
89 76.3 61.0 91.6
182 2.8 2.1 3.1

Manual Integrations

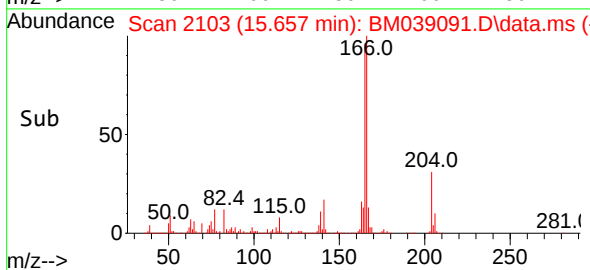
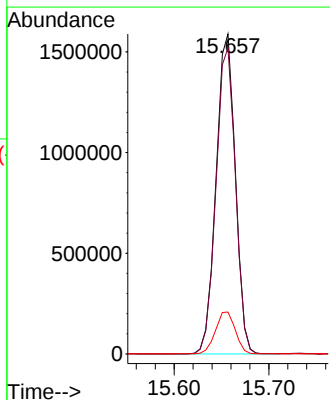
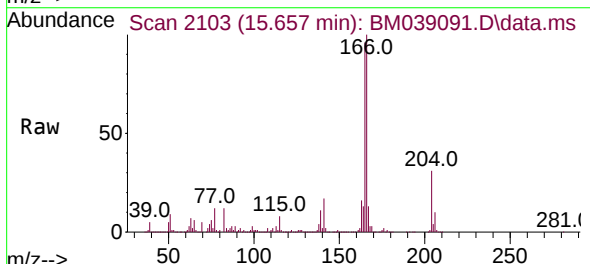
APPROVED

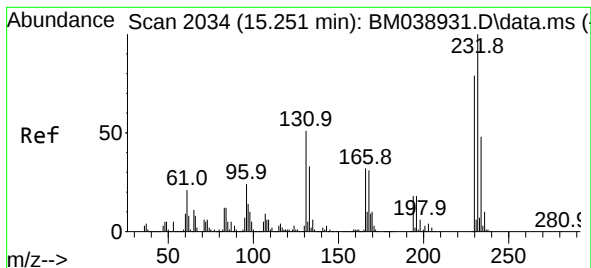
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023



#58
Fluorene
Concen: 37.424 ng
RT: 15.657 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

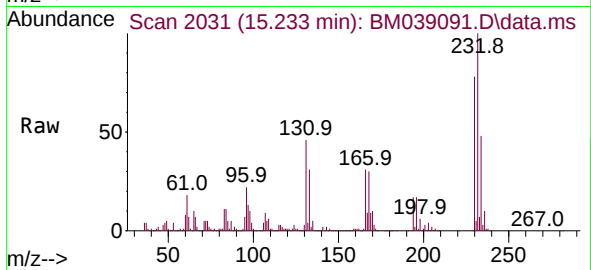
Tgt Ion:166 Resp: 2245835
Ion Ratio Lower Upper
166 100
165 95.7 77.1 115.7
167 13.1 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.367 ng
RT: 15.233 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

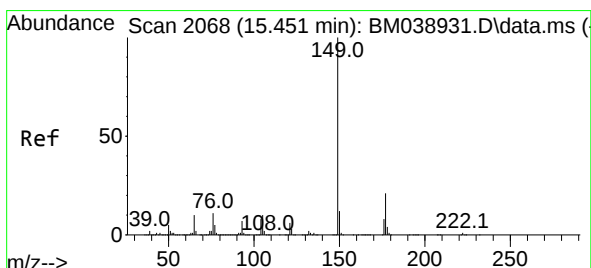
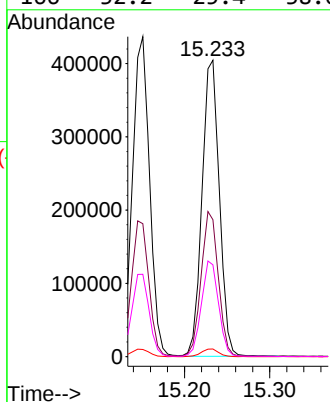
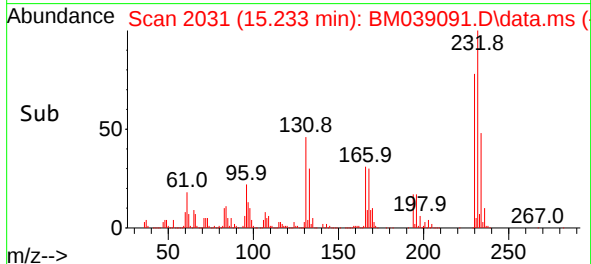
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



Tgt Ion:232 Resp: 570791
Ion Ratio Lower Upper
232 100
131 48.7 40.0 60.0
130 2.6 2.0 3.0
166 32.2 25.4 38.0

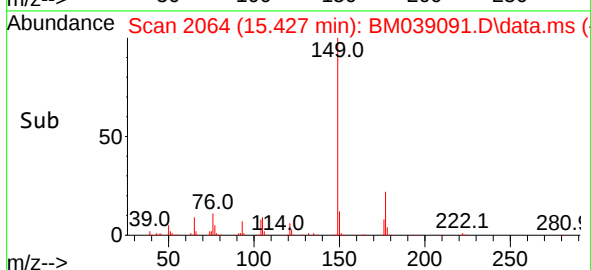
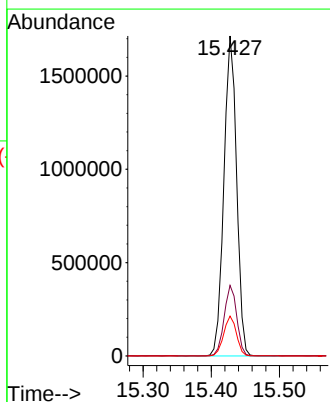
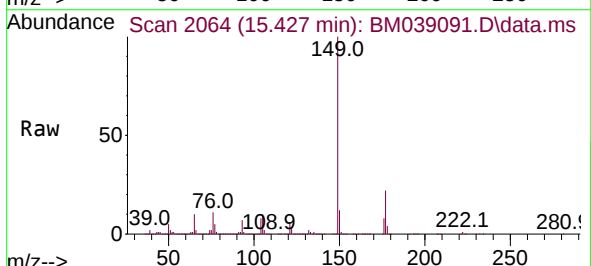
Manual Integrations
APPROVED

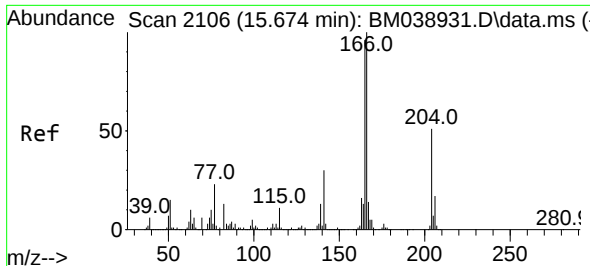
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023



#60
Diethylphthalate
Concen: 37.690 ng
RT: 15.427 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

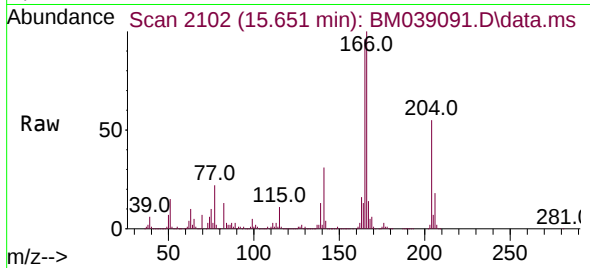
Tgt Ion:149 Resp: 2209195
Ion Ratio Lower Upper
149 100
177 22.0 17.1 25.7
150 12.4 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 37.503 ng
RT: 15.651 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

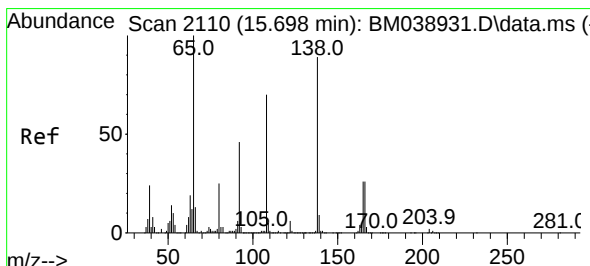
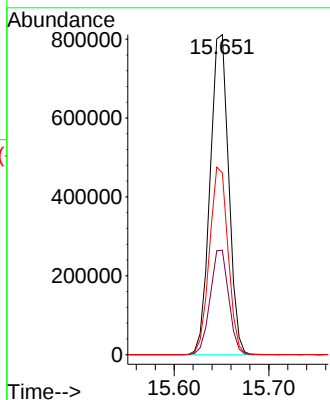
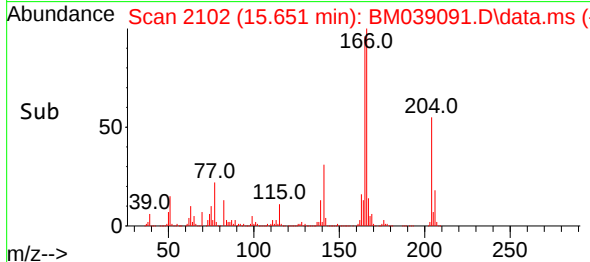
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



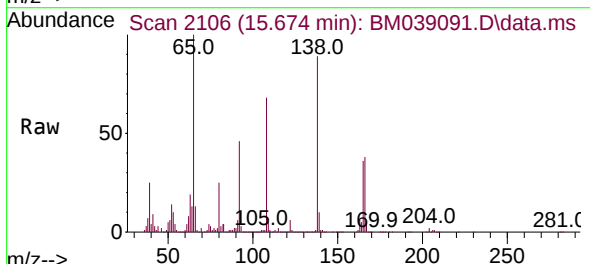
Tgt Ion:204 Resp: 1105663
Ion Ratio Lower Upper
204 100
206 32.6 26.4 39.6
141 56.8 46.4 69.6

Manual Integrations
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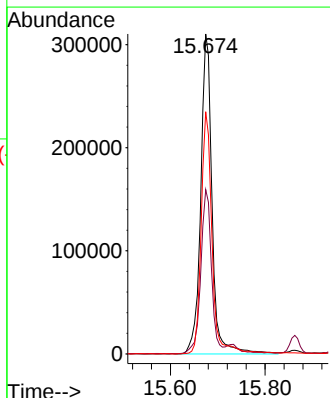
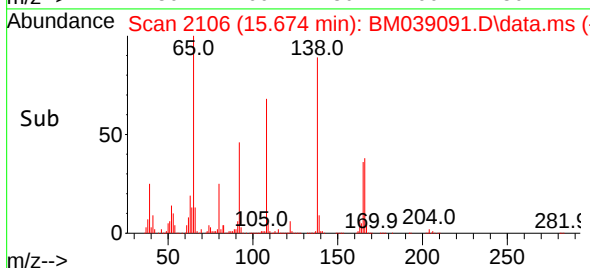
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023

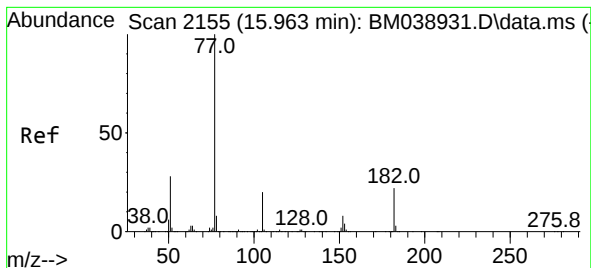


#62
4-Nitroaniline
Concen: 33.140 ng
RT: 15.674 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16



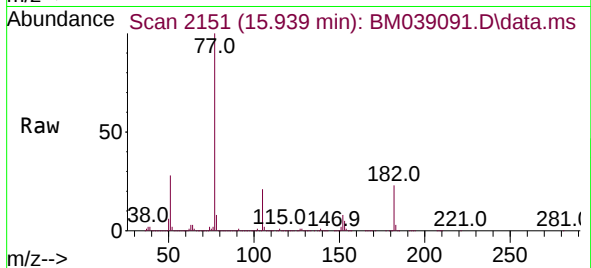
Tgt Ion:138 Resp: 516439
Ion Ratio Lower Upper
138 100
92 51.3 31.6 71.6
108 75.7 58.6 98.6





#63
Azobenzene
Concen: 37.810 ng
RT: 15.939 min Scan# 2151
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

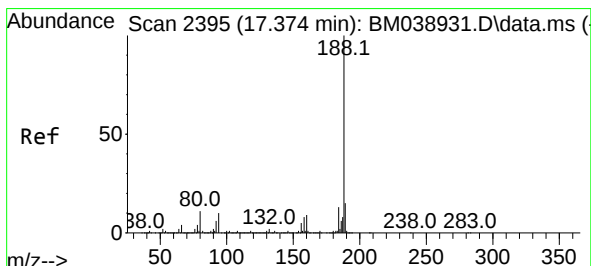
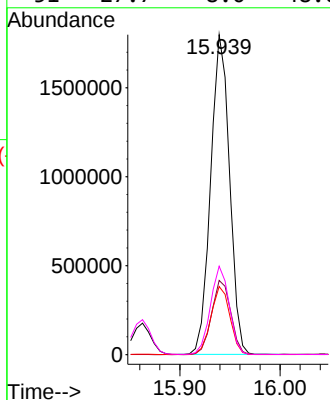
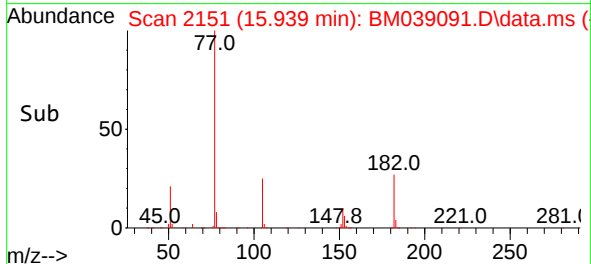
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 77 Resp: 2345036
Ion Ratio Lower Upper
77 100
182 23.2 2.0 42.0
105 21.3 0.4 40.4
51 27.7 8.0 48.0

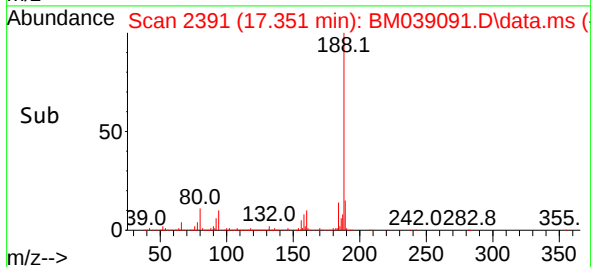
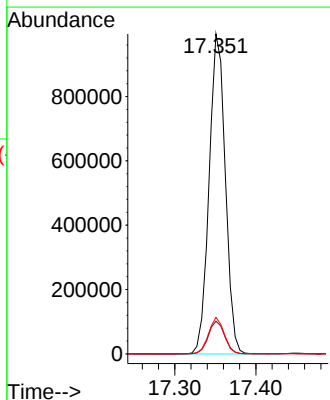
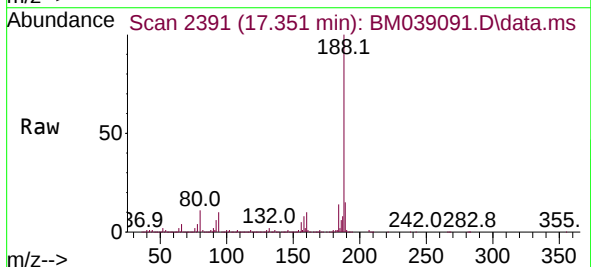
Manual Integrations
APPROVED

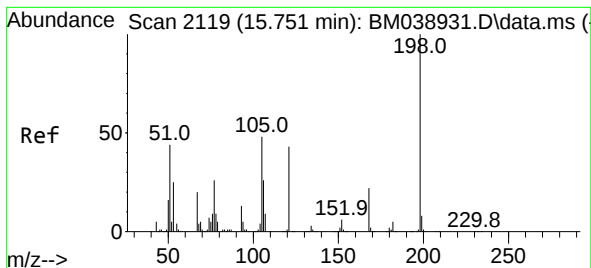
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2391
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

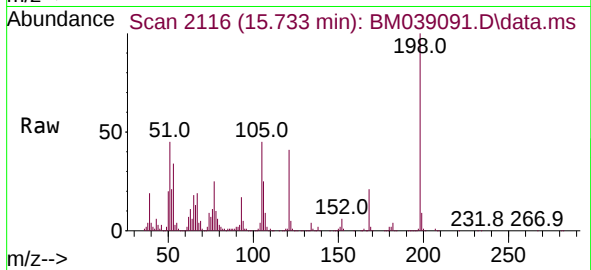
Tgt Ion:188 Resp: 1382822
Ion Ratio Lower Upper
188 100
94 10.2 7.9 11.9
80 11.4 8.5 12.7





#65
4,6-Dinitro-2-methylphenol
Concen: 41.065 ng
RT: 15.733 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

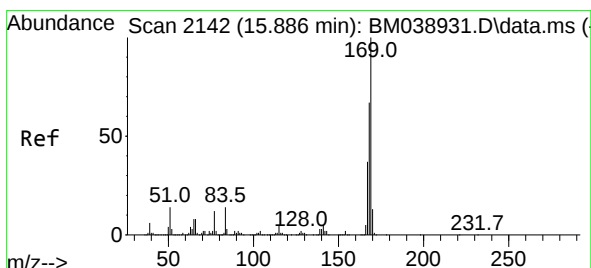
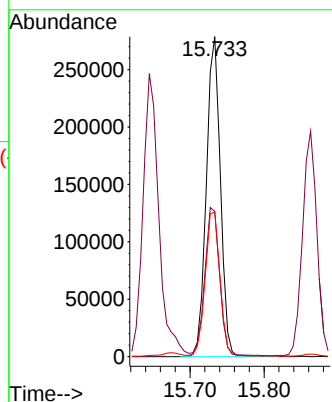
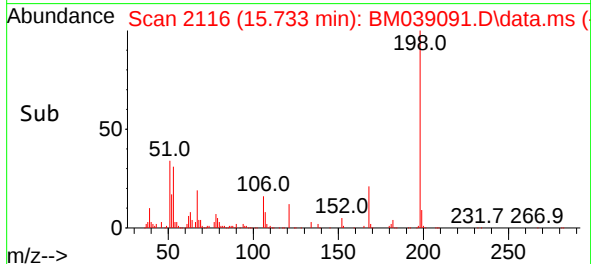
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



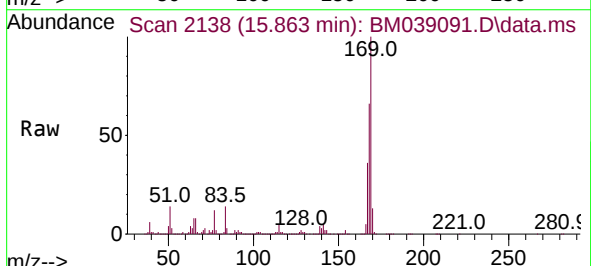
Tgt Ion:198 Resp: 365712
Ion Ratio Lower Upper
198 100
51 45.4 30.1 70.1
105 45.2 29.3 69.3

Manual Integrations
APPROVED

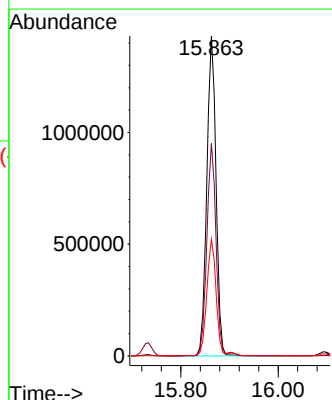
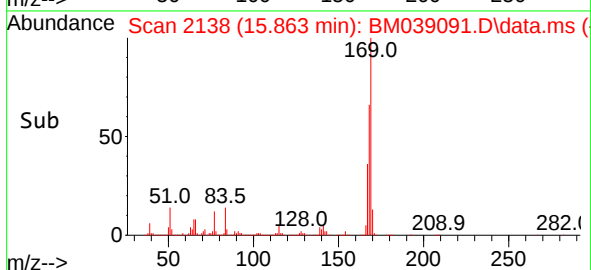
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023

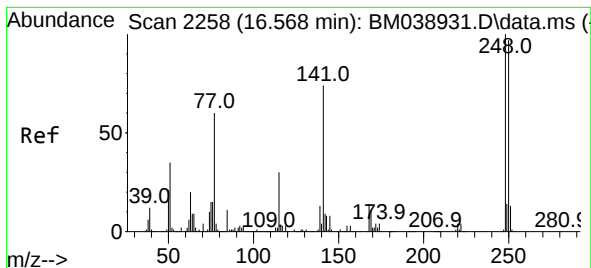


#66
n-Nitrosodiphenylamine
Concen: 40.441 ng
RT: 15.863 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16



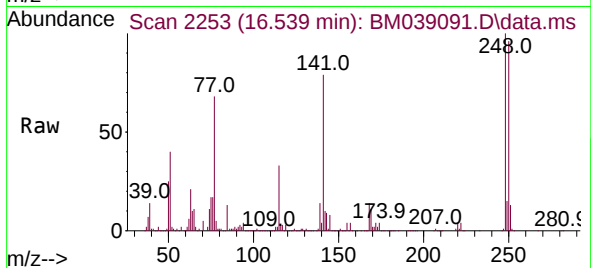
Tgt Ion:169 Resp: 1885249
Ion Ratio Lower Upper
169 100
168 66.4 53.4 80.0
167 36.5 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 41.304 ng
RT: 16.539 min Scan# 2253
Delta R.T. -0.006 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

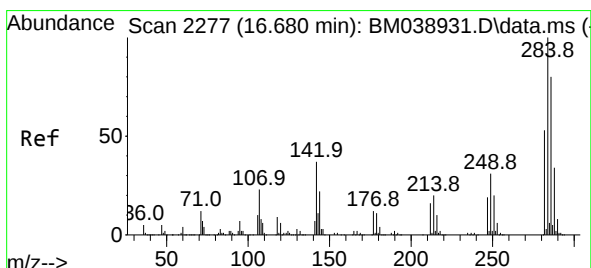
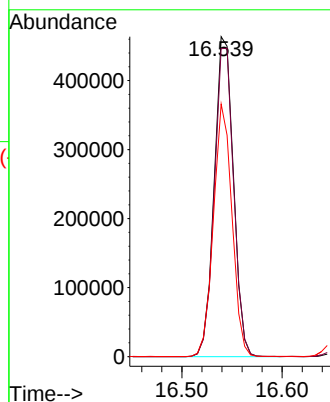
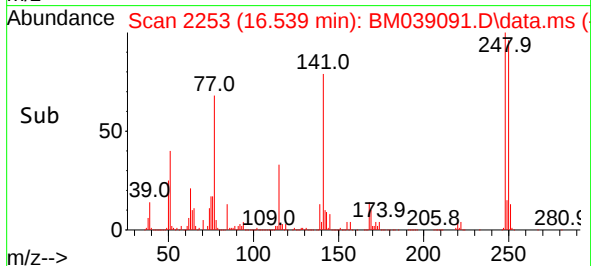
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



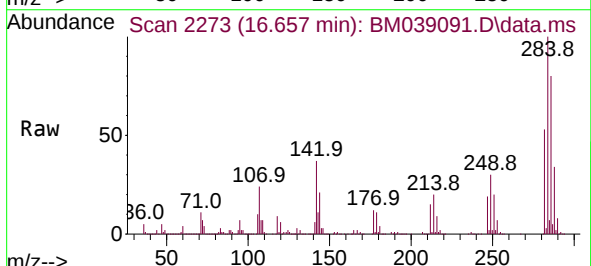
Tgt Ion:248 Resp: 616919
Ion Ratio Lower Upper
248 100
250 96.2 77.8 116.8
141 78.9 59.0 88.4

Manual Integrations
APPROVED

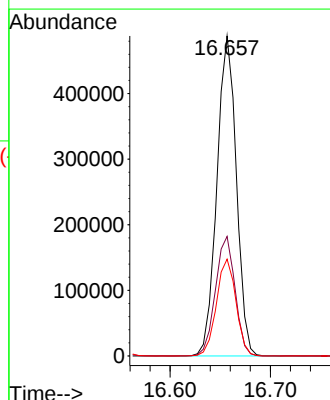
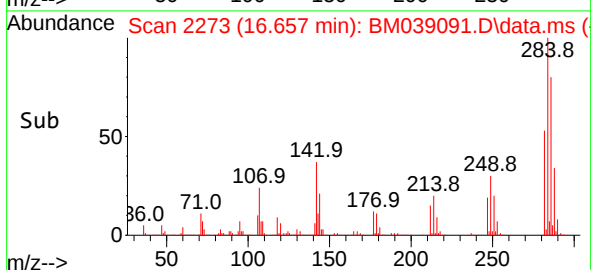
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023

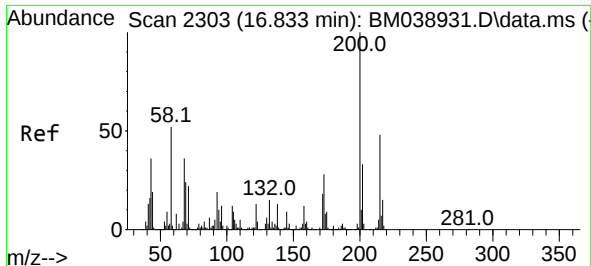


#68
Hexachlorobenzene
Concen: 39.363 ng
RT: 16.657 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16



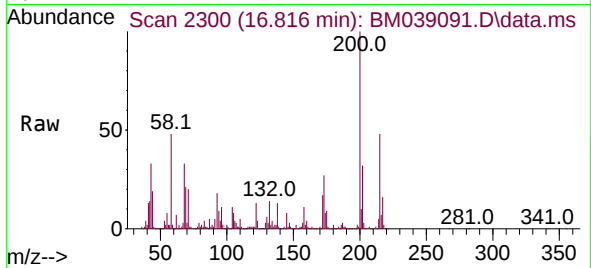
Tgt Ion:284 Resp: 657237
Ion Ratio Lower Upper
284 100
142 37.3 29.5 44.3
249 30.2 25.0 37.4





#69
 Atrazine
 Concen: 41.030 ng
 RT: 16.816 min Scan# 2300
 Delta R.T. 0.000 min
 Lab File: BM039091.D
 Acq: 22 Mar 2023 14:16

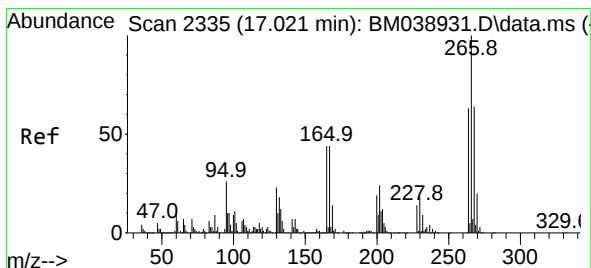
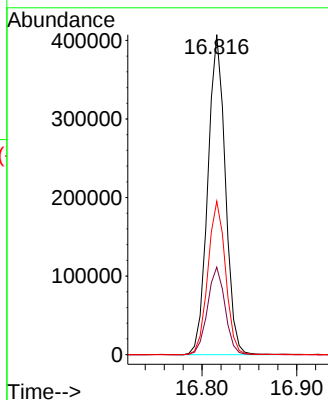
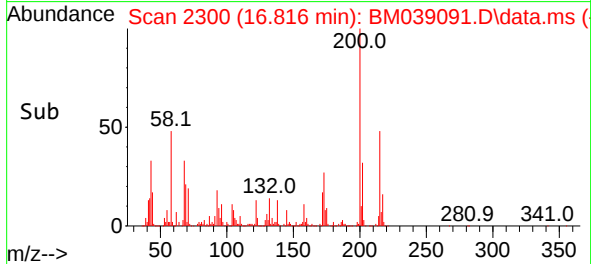
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC



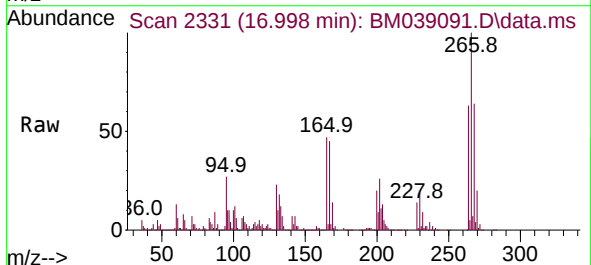
Tgt Ion:200 Resp: 522448
 Ion Ratio Lower Upper
 200 100
 173 27.3 8.2 48.2
 215 47.9 27.8 67.8

Manual Integrations
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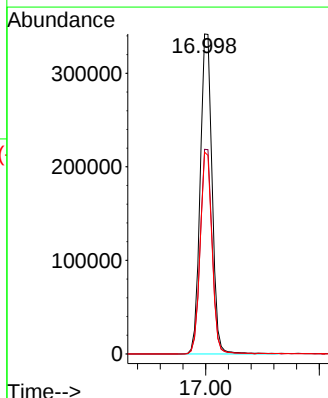
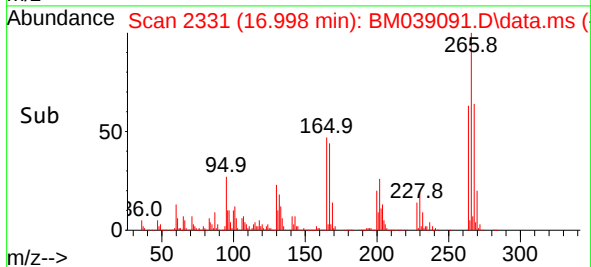
Reviewed By :Christian Giraldo 03/23/2023
 Supervised By :Jagrut Upadhyay 03/23/2023

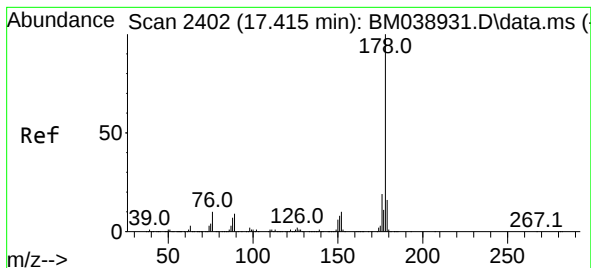


#70
 Pentachlorophenol
 Concen: 40.197 ng
 RT: 16.998 min Scan# 2331
 Delta R.T. 0.000 min
 Lab File: BM039091.D
 Acq: 22 Mar 2023 14:16



Tgt Ion:266 Resp: 493640
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.0 76.4
 264 63.0 50.3 75.5





#71

Phenanthrene

Concen: 38.265 ng

RT: 17.398 min Scan# 2402

Delta R.T. 0.006 min

Lab File: BM039091.D

Acq: 22 Mar 2023 14:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tgt Ion:178 Resp: 3105507

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

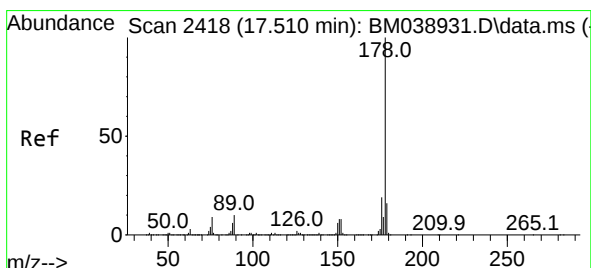
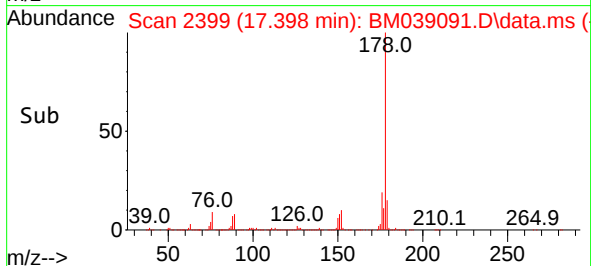
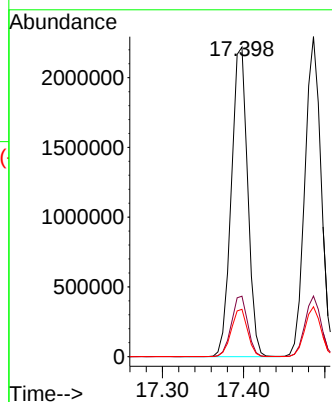
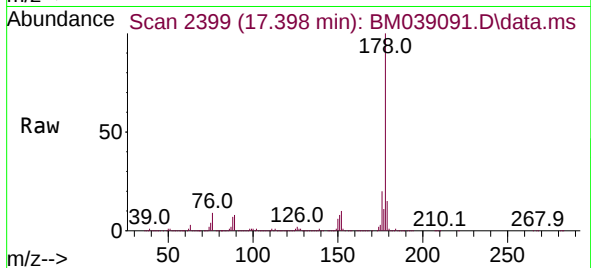
179 15.3 12.5 18.7

Manual Integrations

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Reviewed By :Christian Giraldo 03/23/2023

Supervised By :Jagrut Upadhyay 03/23/2023



#72

Anthracene

Concen: 39.266 ng

RT: 17.486 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BM039091.D

Acq: 22 Mar 2023 14:16

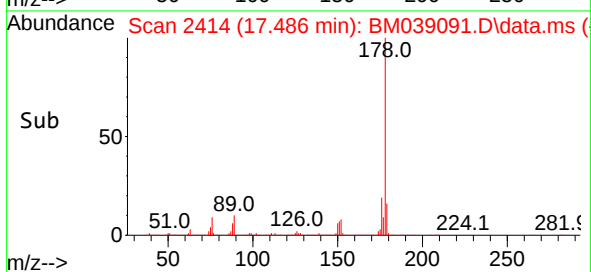
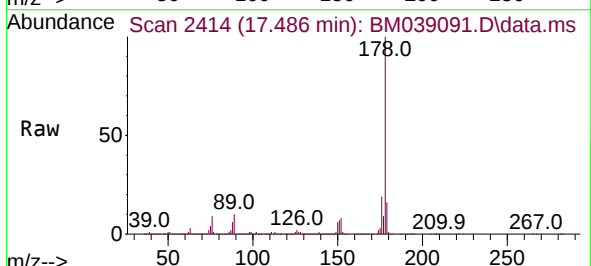
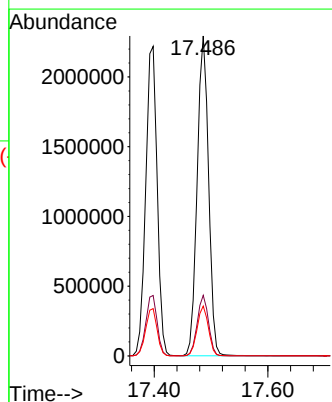
Tgt Ion:178 Resp: 3178059

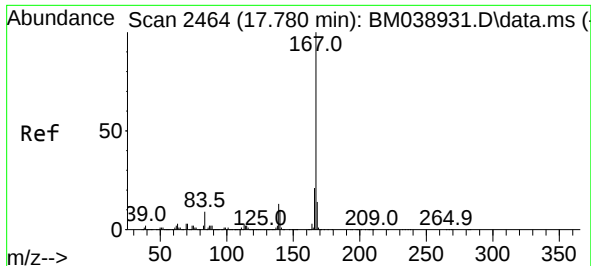
Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

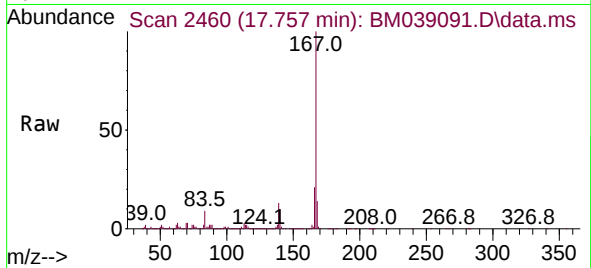
179 15.6 12.5 18.7





#73
Carbazole
Concen: 38.394 ng
RT: 17.757 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

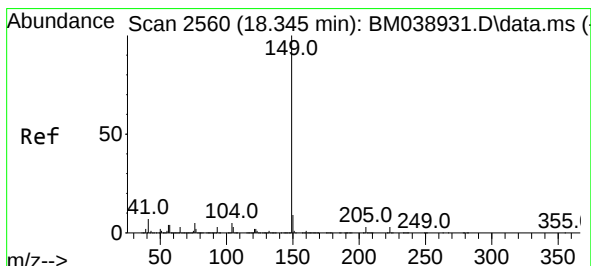
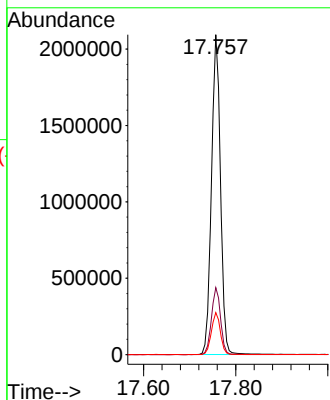
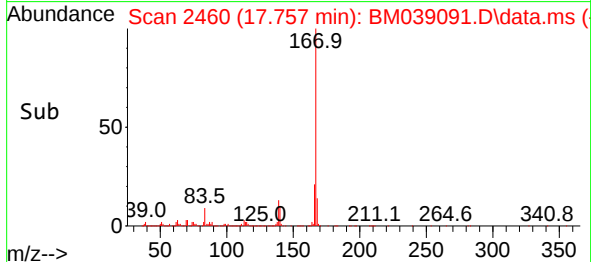
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



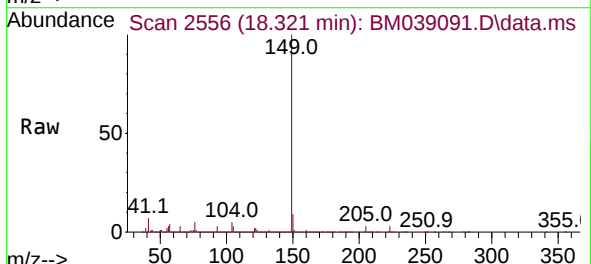
Tgt Ion:167 Resp: 283601
Ion Ratio Lower Upper
167 100
166 20.9 17.0 25.4
139 13.1 10.3 15.5

Manual Integrations
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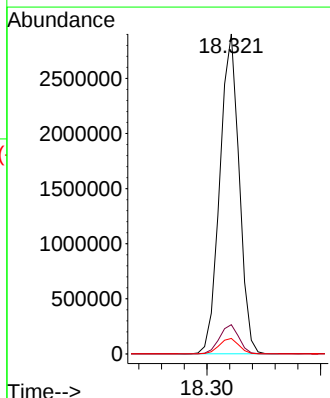
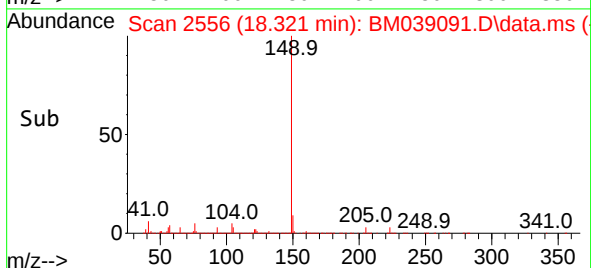
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023

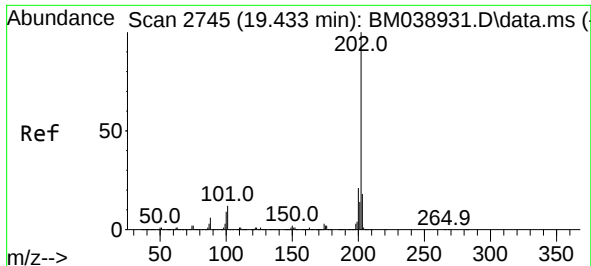


#74
Di-n-butylphthalate
Concen: 38.416 ng
RT: 18.321 min Scan# 2556
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16



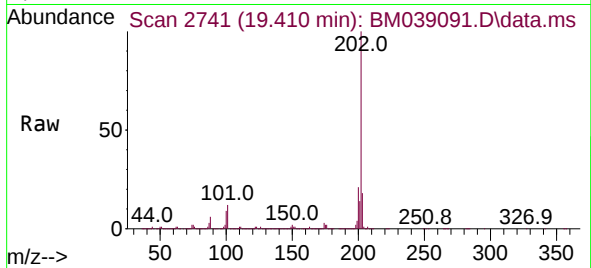
Tgt Ion:149 Resp: 3427458
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.2
104 4.8 4.3 6.5





#75
Fluoranthene
Concen: 37.242 ng
RT: 19.410 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

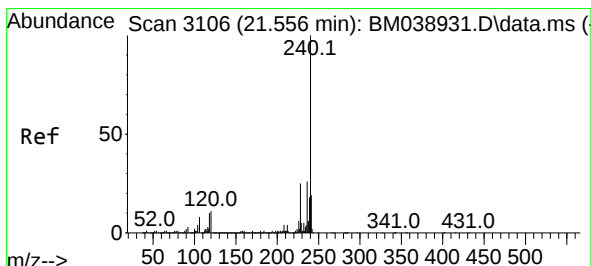
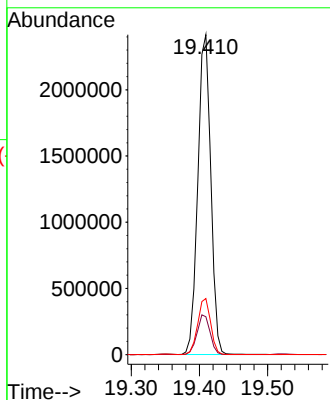
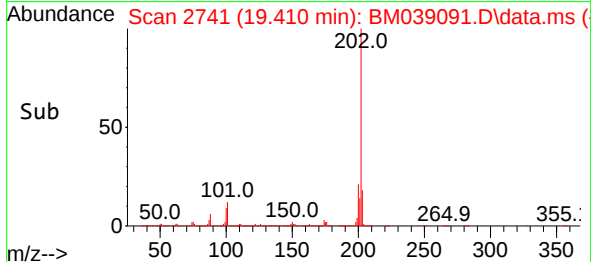
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



Tgt Ion:202 Resp: 3191276
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.7
203 17.5 0.0 37.6

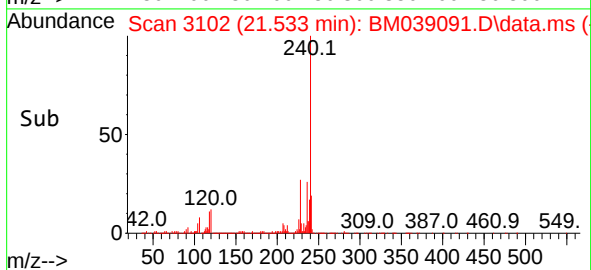
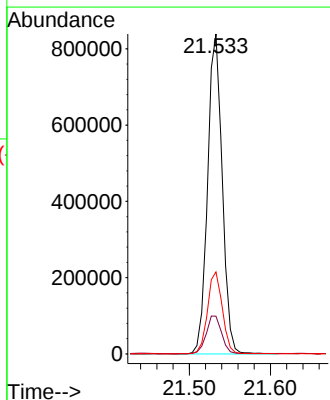
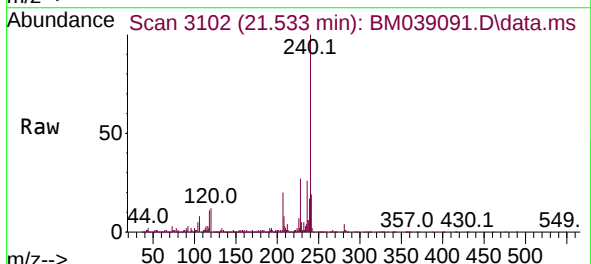
Manual Integrations
APPROVED

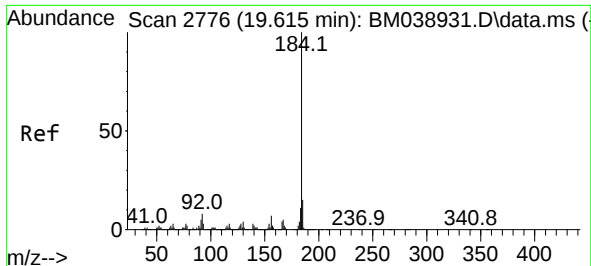
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.533 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

Tgt Ion:240 Resp: 1052768
Ion Ratio Lower Upper
240 100
120 11.8 9.2 13.8
236 25.7 20.8 31.2





#77
Benzidine
Concen: 7.007 ng m
RT: 19.639 min Scan# 21
Delta R.T. 0.047 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

Instrument :

BNA_M

ClientSampleId :

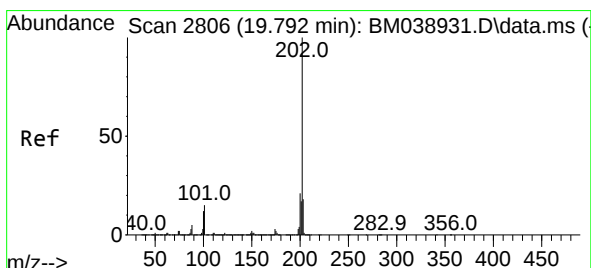
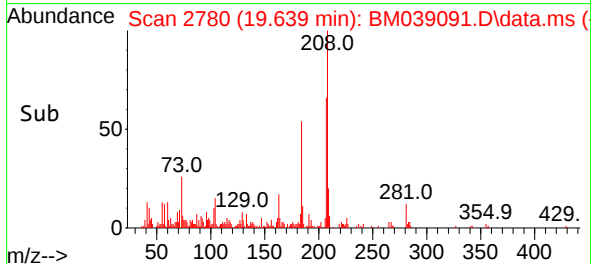
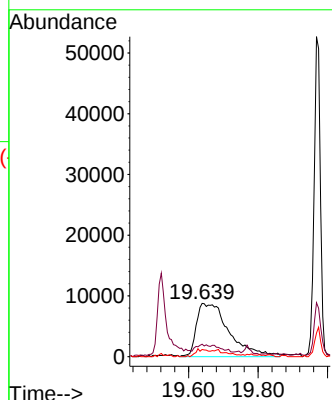
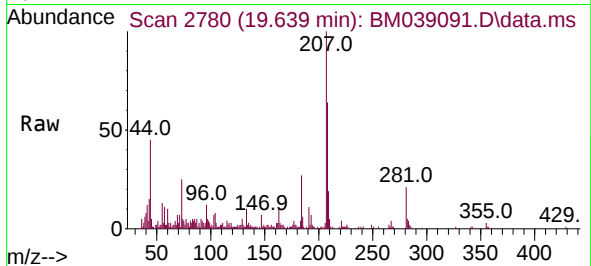
SSTDCCC040EC

Tgt Ion:184 Resp: 56905
Ion Ratio Lower Upper
184 100
185 23.4 12.2 18.4
183 13.4 8.8 13.2

Manual Integrations

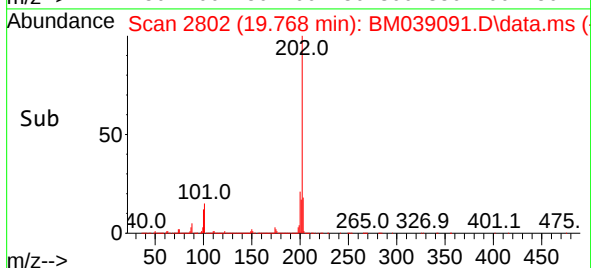
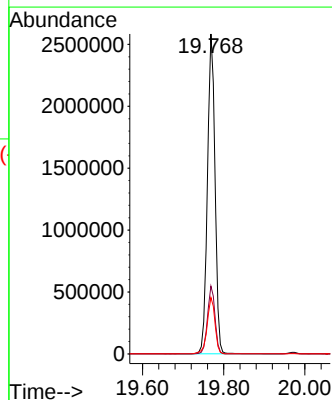
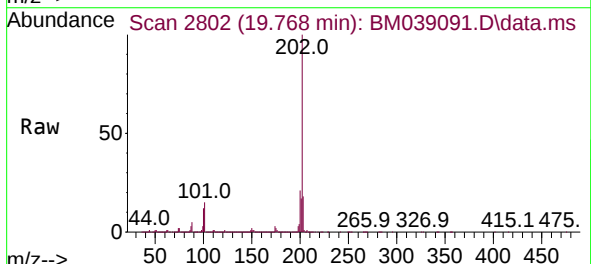
APPROVED

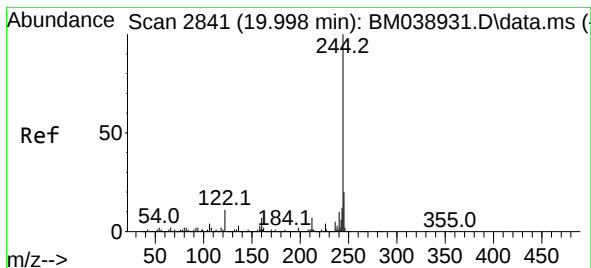
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023



#78
Pyrene
Concen: 42.380 ng
RT: 19.768 min Scan# 2802
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

Tgt Ion:202 Resp: 3351070
Ion Ratio Lower Upper
202 100
200 21.2 17.1 25.7
203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 81.427 ng

RT: 19.968 min Scan# 2841

Delta R.T. 0.000 min

Lab File: BM039091.D

Acq: 22 Mar 2023 14:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tgt Ion:244 Resp: 4688636

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

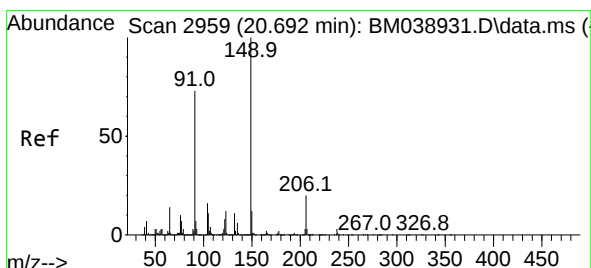
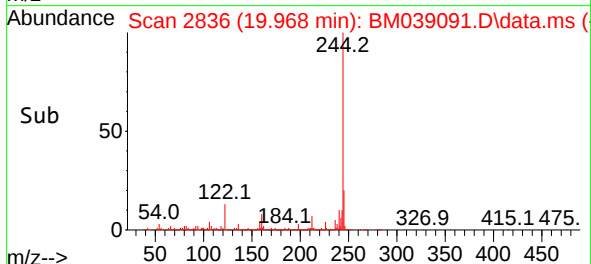
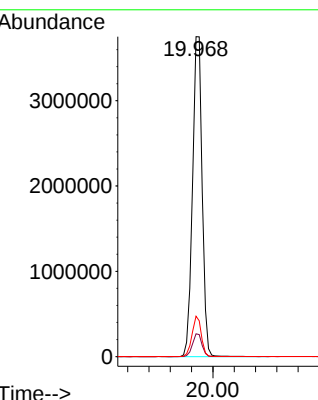
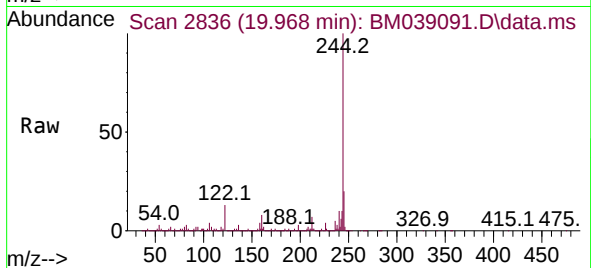
122 12.6 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/23/2023

Supervised By :Jagrut Upadhyay 03/23/2023



#80

Butylbenzylphthalate

Concen: 42.049 ng

RT: 20.662 min Scan# 2954

Delta R.T. 0.000 min

Lab File: BM039091.D

Acq: 22 Mar 2023 14:16

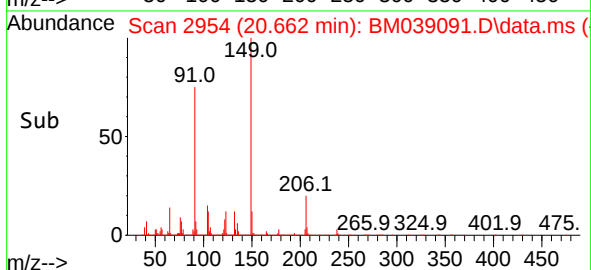
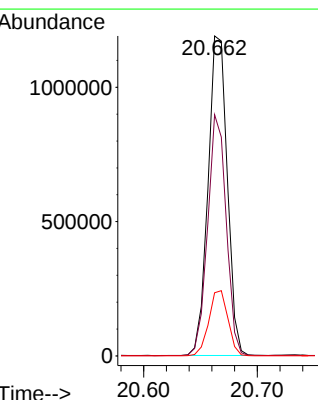
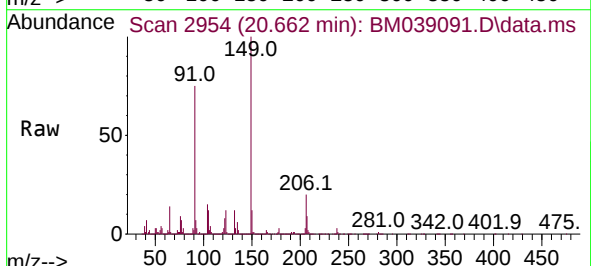
Tgt Ion:149 Resp: 1398918

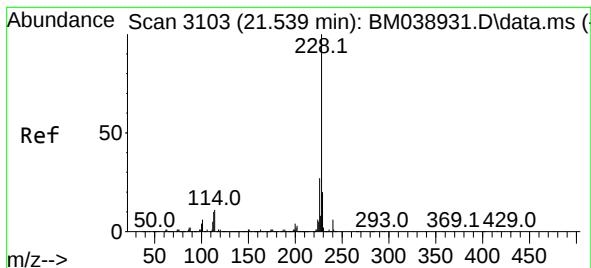
Ion Ratio Lower Upper

149 100

91 75.4 58.4 87.6

206 19.7 16.1 24.1





#81

Benzo(a)anthracene

Concen: 39.353 ng

RT: 21.515 min Scan# 30

Delta R.T. 0.000 min

Lab File: BM039091.D

Acq: 22 Mar 2023 14:16

Instrument :

BNM

ClientSampleId :

SSTDCCC040EC

Tgt Ion:228 Resp: 298358

Ion Ratio Lower Upper

228 100

226 26.9 21.4 32.2

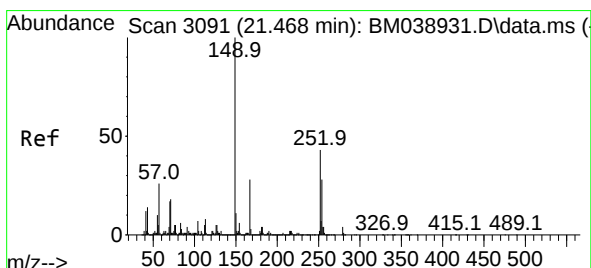
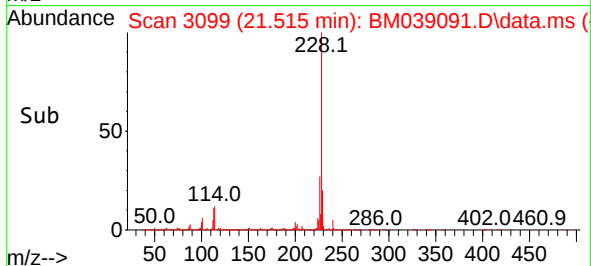
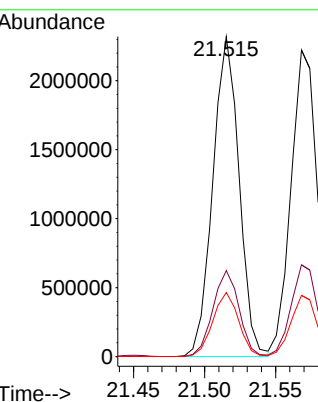
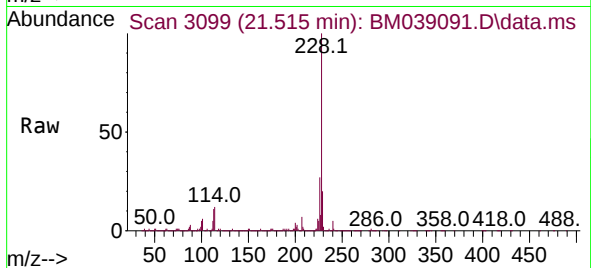
229 20.0 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/23/2023

Supervised By :Jagrut Upadhyay 03/23/2023



#82

3,3'-Dichlorobenzidine

Concen: 33.189 ng

RT: 21.451 min Scan# 3088

Delta R.T. 0.006 min

Lab File: BM039091.D

Acq: 22 Mar 2023 14:16

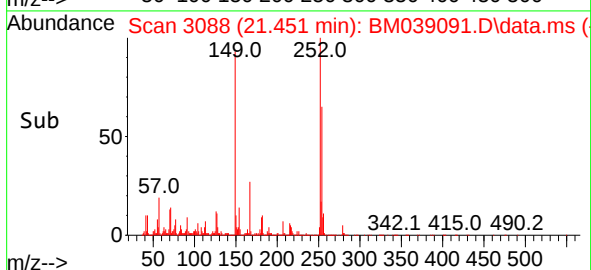
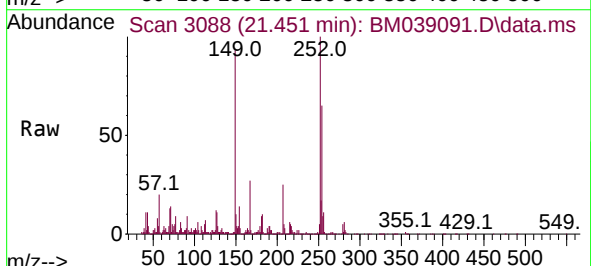
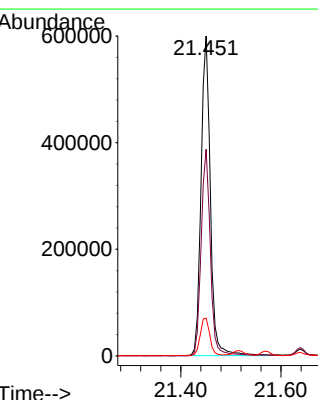
Tgt Ion:252 Resp: 773331

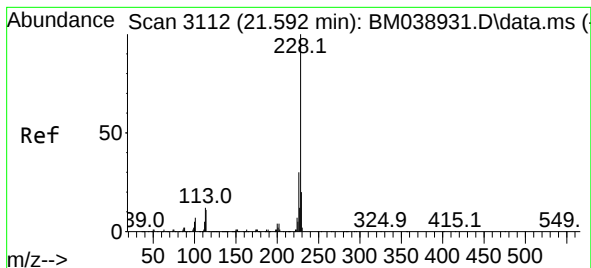
Ion Ratio Lower Upper

252 100

254 64.6 51.5 77.3

126 11.8 9.9 14.9





#83

Chrysene

Concen: 38.809 ng

RT: 21.568 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BM039091.D

Acq: 22 Mar 2023 14:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tgt Ion:228 Resp: 2861679

Ion Ratio Lower Upper

228 100

226 29.9 24.0 36.0

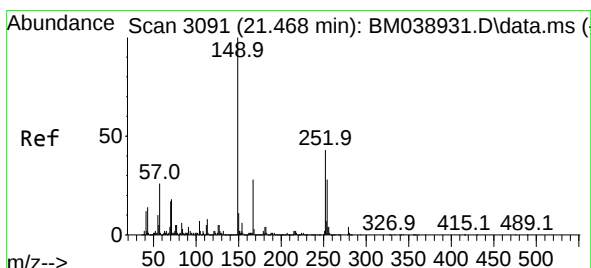
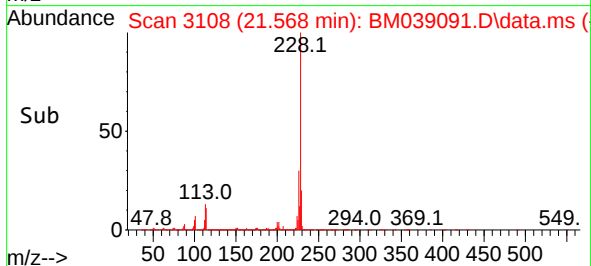
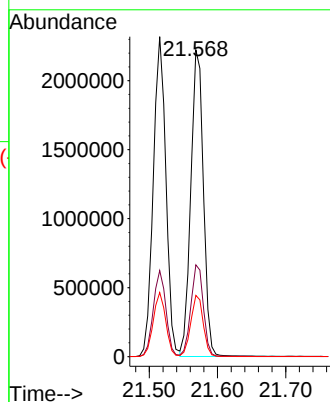
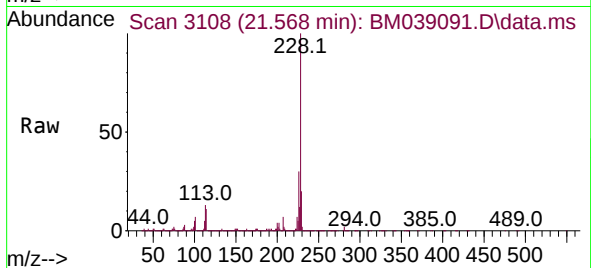
229 20.0 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/23/2023

Supervised By :Jagrut Upadhyay 03/23/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.540 ng

RT: 21.439 min Scan# 3086

Delta R.T. 0.000 min

Lab File: BM039091.D

Acq: 22 Mar 2023 14:16

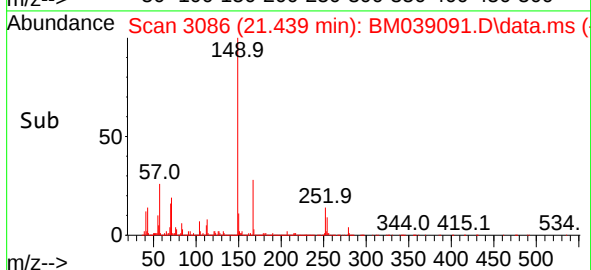
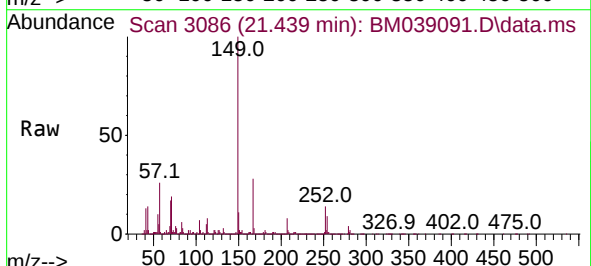
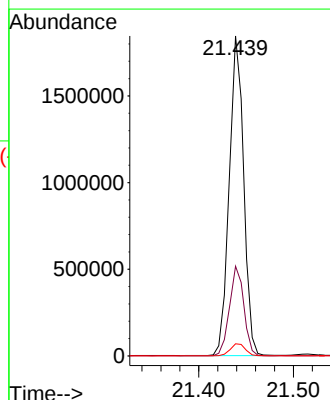
Tgt Ion:149 Resp: 1950947

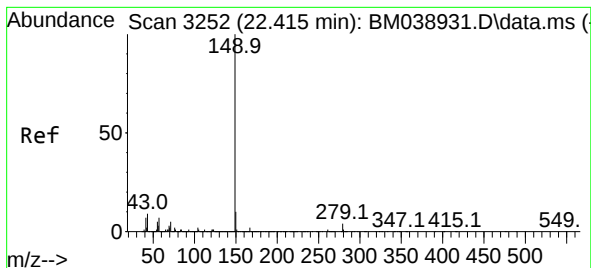
Ion Ratio Lower Upper

149 100

167 28.0 22.3 33.5

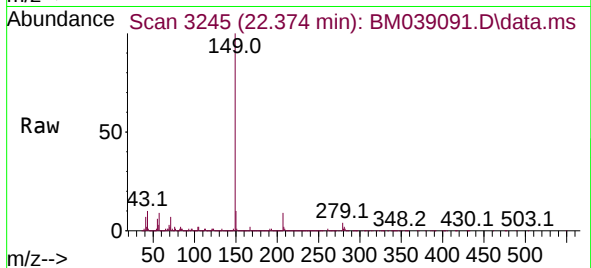
279 3.8 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 41.799 ng
RT: 22.374 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

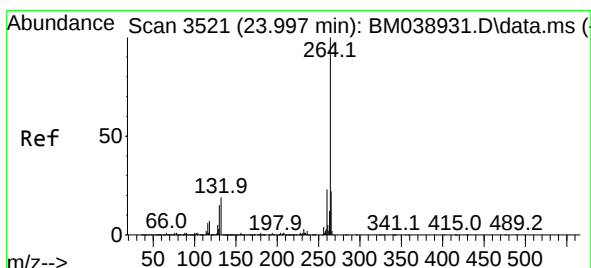
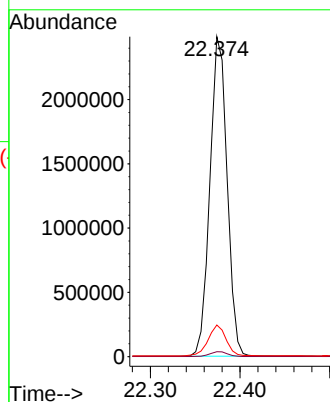
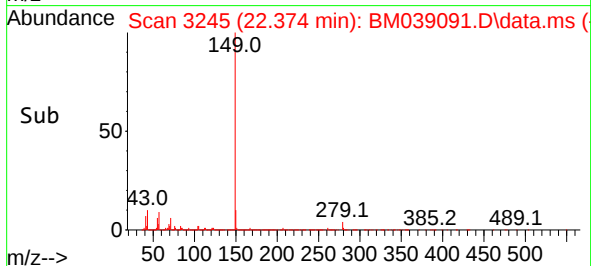
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC



Tgt Ion:149 Resp: 3329073
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.2 7.4 11.2

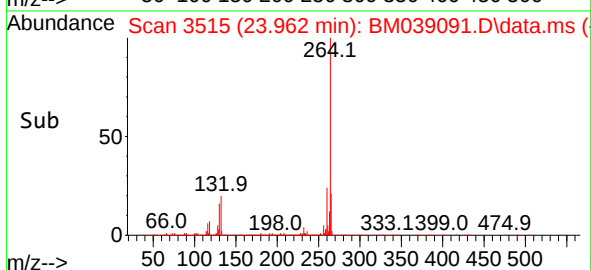
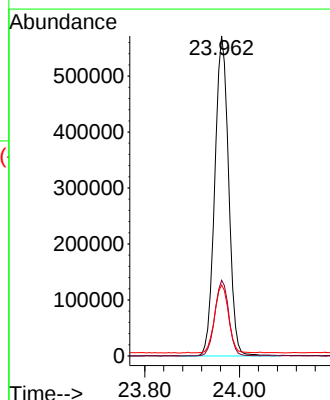
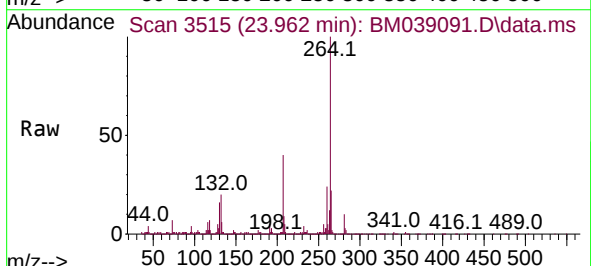
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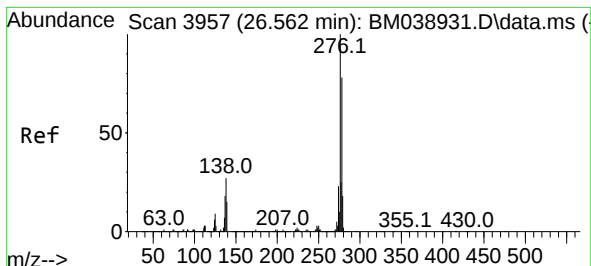
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.962 min Scan# 3515
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

Tgt Ion:264 Resp: 1159140
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 22.2 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.587 ng

RT: 26.503 min Scan# 39

Delta R.T. 0.006 min

Lab File: BM039091.D

Acq: 22 Mar 2023 14:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tgt Ion:276 Resp: 349162

Ion Ratio Lower Upper

276 100

138 28.3 22.1 33.1

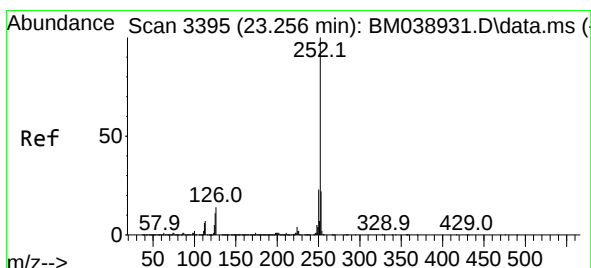
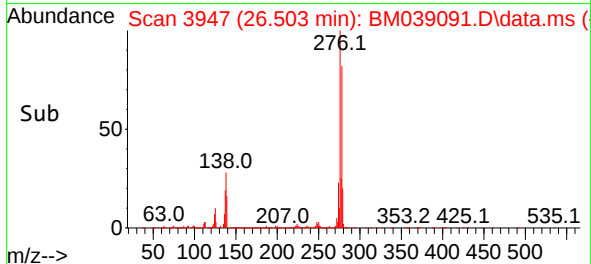
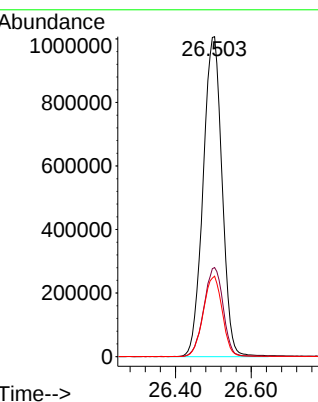
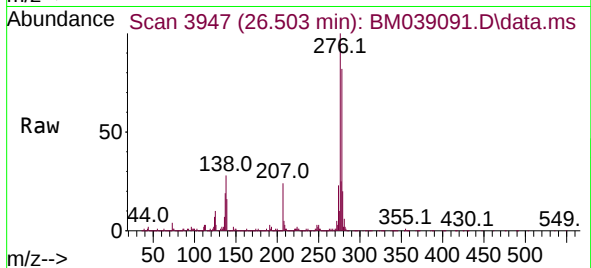
277 25.2 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/23/2023

Supervised By :Jagrut Upadhyay 03/23/2023



#88

Benzo(b)fluoranthene

Concen: 38.517 ng

RT: 23.221 min Scan# 3389

Delta R.T. 0.000 min

Lab File: BM039091.D

Acq: 22 Mar 2023 14:16

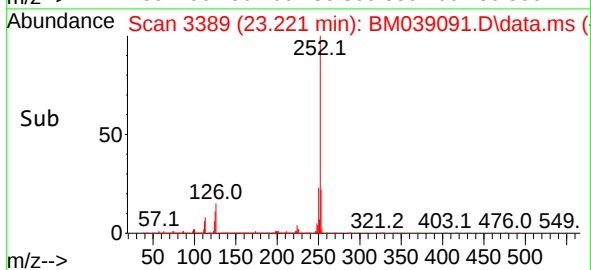
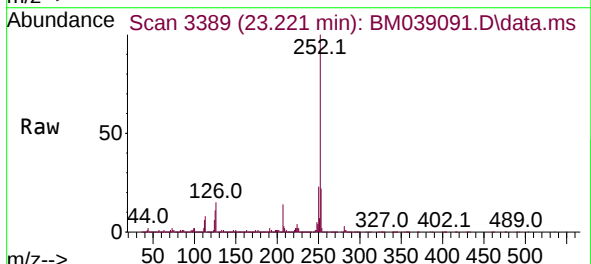
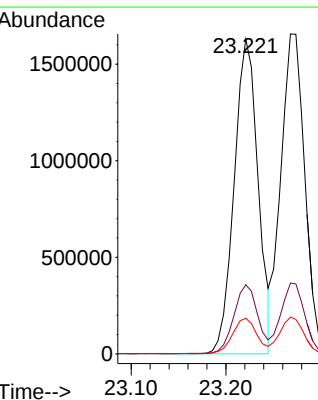
Tgt Ion:252 Resp: 2852291

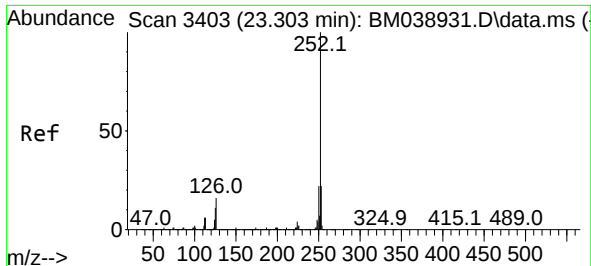
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 11.3 8.8 13.2





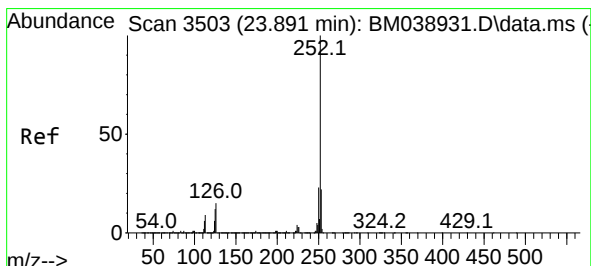
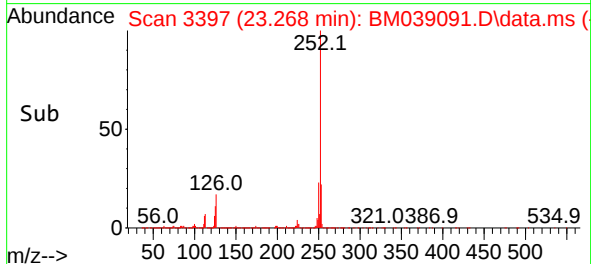
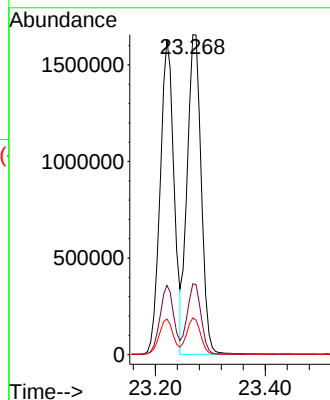
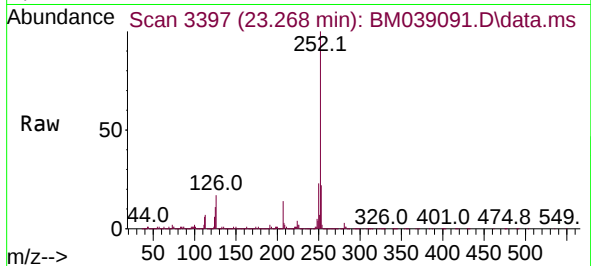
#89
Benzo(k)fluoranthene
Concen: 38.027 ng
RT: 23.268 min Scan# 3403
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion:252 Resp: 2930685
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 11.5 8.9 13.3

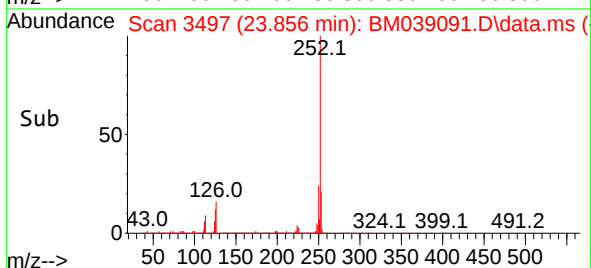
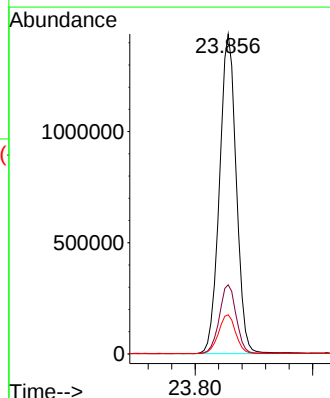
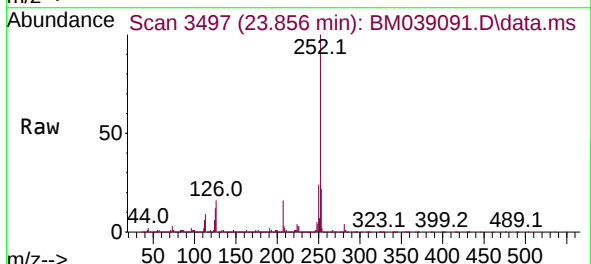
Manual Integrations
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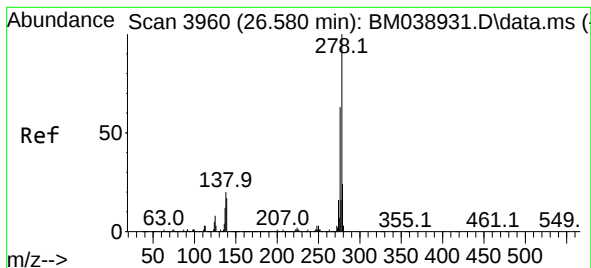
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023



#90
Benzo(a)pyrene
Concen: 39.939 ng
RT: 23.856 min Scan# 3497
Delta R.T. 0.000 min
Lab File: BM039091.D
Acq: 22 Mar 2023 14:16

Tgt Ion:252 Resp: 2846508
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 12.3 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 39.300 ng

RT: 26.515 min Scan# 39

Delta R.T. 0.006 min

Lab File: BM039091.D

Acq: 22 Mar 2023 14:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tgt Ion:278 Resp: 2935569

Ion Ratio Lower Upper

278 100

139 17.8 13.7 20.5

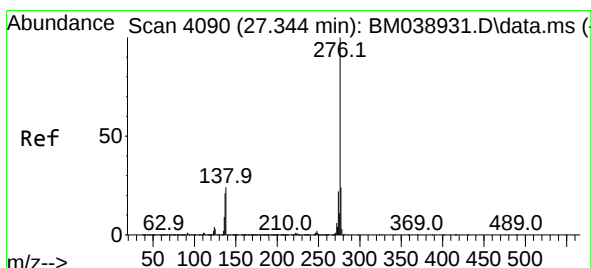
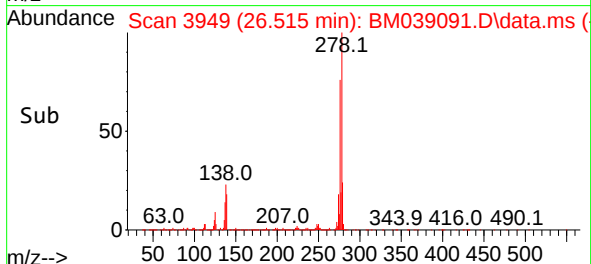
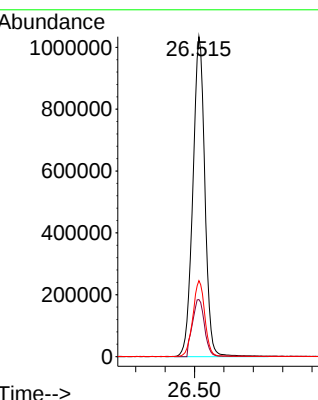
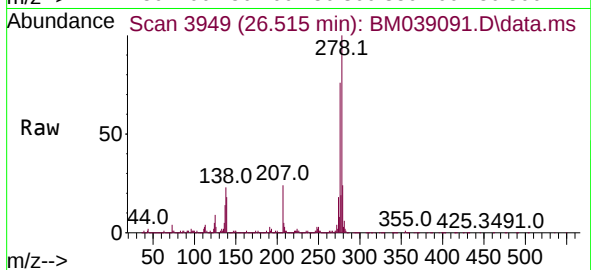
279 23.7 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/23/2023

Supervised By :Jagrut Upadhyay 03/23/2023



#92

Benzo(g,h,i)perylene

Concen: 39.619 ng

RT: 27.280 min Scan# 4079

Delta R.T. 0.006 min

Lab File: BM039091.D

Acq: 22 Mar 2023 14:16

Tgt Ion:276 Resp: 2895343

Ion Ratio Lower Upper

276 100

277 24.3 19.3 28.9

138 24.7 19.0 28.6

