

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032423\
 Data File : BM039139.D
 Acq On : 24 Mar 2023 13:17
 Operator : CG/JU
 Sample : PB151460BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151460BS

Manual Integrations
 APPROVED

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

Quant Time: Mar 24 15:06:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 24 15:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	400235	20.000	ng	0.00
21) Naphthalene-d8	10.769	136	1802330	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	1128149	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	2293060	20.000	ng	0.00
76) Chrysene-d12	21.527	240	1791100	20.000	ng	0.00
86) Perylene-d12	23.950	264	1730152	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	3148593	119.520	ng	0.00
7) Phenol-d6	7.128	99	4263407	124.597	ng	0.01
23) Nitrobenzene-d5	9.128	82	2562905	69.850	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	1470976	112.711	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	5537962	63.904	ng	0.00
79) Terphenyl-d14	19.962	244	7099104	72.467	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	328063	27.993	ng	100
3) Pyridine	3.781	79	908746	27.959	ng	99
4) n-Nitrosodimethylamine	3.693	42	492117	37.207	ng	92
6) Aniline	7.281	93	2090796	46.537	ng	99
8) 2-Chlorophenol	7.522	128	1530068	54.556	ng	97
9) Benzaldehyde	7.087	77	574991	35.313	ng	98
10) Phenol	7.157	94	1995594	54.919	ng	97
11) bis(2-Chloroethyl)ether	7.381	93	1410991	47.760	ng	98
12) 1,3-Dichlorobenzene	7.840	146	1391832	46.698	ng	98
13) 1,4-Dichlorobenzene	7.987	146	1434489	47.323	ng	100
14) 1,2-Dichlorobenzene	8.310	146	1429634	48.962	ng	99
15) Benzyl Alcohol	8.204	79	1358642	55.397	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.492	45	1846617	49.492	ng	99
17) 2-Methylphenol	8.404	107	1352791	54.195	ng	99
18) Hexachloroethane	9.039	117	547592	48.962	ng	95
19) n-Nitroso-di-n-propyla...	8.775	70	1164227	54.018	ng	97
20) 3+4-Methylphenols	8.739	107	1854789	55.650	ng	99
22) Acetophenone	8.787	105	2251310	44.522	ng	98
24) Nitrobenzene	9.169	77	1692017	43.874	ng	97
25) Isophorone	9.704	82	3230861	47.850	ng	99
26) 2-Nitrophenol	9.881	139	847290	49.648	ng	93
27) 2,4-Dimethylphenol	9.945	122	1516119	51.533	ng	99
28) bis(2-Chloroethoxy)met...	10.181	93	2011680	46.369	ng	99
29) 2,4-Dichlorophenol	10.416	162	1485555	53.260	ng	99
30) 1,2,4-Trichlorobenzene	10.628	180	1375768	45.136	ng	99
31) Naphthalene	10.816	128	4469162	43.486	ng	99
32) Benzoic acid	10.134	122	1251820	56.799	ng	99
33) 4-Chloroaniline	10.928	127	1055178	24.092	ng	100
34) Hexachlorobutadiene	11.098	225	768089	43.943	ng	99
35) Caprolactam	11.751	113	495951m	58.421	ng	
36) 4-Chloro-3-methylphenol	12.063	107	1588423	53.480	ng	99
37) 2-Methylnaphthalene	12.427	142	3106908	45.104	ng	99
38) 1-Methylnaphthalene	12.645	142	2917824	45.201	ng	100
40) 1,2,4,5-Tetrachloroben...	12.792	216	1557848	42.476	ng	100
41) Hexachlorocyclopentadiene	12.769	237	1817065	90.260	ng	98
43) 2,4,6-Trichlorophenol	13.033	196	1165932	49.093	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	1280357	46.058	ng	96
46) 1,1'-Biphenyl	13.433	154	4054034	42.418	ng	98
47) 2-Chloronaphthalene	13.474	162	3154985	43.777	ng	99
48) 2-Nitroaniline	13.686	65	1046418	45.472	ng	93
49) Acenaphthylene	14.321	152	5047705	43.971	ng	99
50) Dimethylphthalate	14.063	163	3886954	44.775	ng	99
51) 2,6-Dinitrotoluene	14.180	165	885111	46.155	ng	98
52) Acenaphthene	14.663	154	2973860	42.153	ng	99
53) 3-Nitroaniline	14.510	138	724900	32.819	ng	94
54) 2,4-Dinitrophenol	14.721	184	1171196	104.441	ng	88
55) Dibenzofuran	14.998	168	4660953	42.219	ng	100
56) 4-Nitrophenol	14.827	139	1702080	98.724	ng	95
57) 2,4-Dinitrotoluene	14.969	165	1215511	48.105	ng	96
58) Fluorene	15.645	166	3709283	42.892	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.221	232	1048341	48.899	ng	97
60) Diethylphthalate	15.421	149	3912593	46.321	ng	98
61) 4-Chlorophenyl-phenylether	15.639	204	1819948	42.838	ng	99
62) 4-Nitroaniline	15.680	138	985493	43.318	ng	95
63) Azobenzene	15.933	77	3901414	43.652	ng	96
65) 4,6-Dinitro-2-methylph...	15.733	198	703852	46.844	ng	90
66) n-Nitrosodiphenylamine	15.857	169	3265070	42.237	ng	99
67) 4-Bromophenyl-phenylether	16.533	248	1106877	44.691	ng	99
68) Hexachlorobenzene	16.651	284	1249396	45.125	ng	97
69) Atrazine	16.810	200	1103297	52.251	ng	98
70) Pentachlorophenol	16.998	266	1669675	81.990	ng	99
71) Phenanthrene	17.386	178	5607716	41.668	ng	99
72) Anthracene	17.480	178	5756469	42.891	ng	100
73) Carbazole	17.751	167	5308021	43.335	ng	99
74) Di-n-butylphthalate	18.309	149	6546454	43.975	ng	99
75) Fluoranthene	19.398	202	6013859	42.322	ng	99
77) Benzidine	19.586	184	3202352	75.345	ng	98
78) Pyrene	19.762	202	6388402	47.488	ng	99
80) Butylbenzylphthalate	20.656	149	2853310	49.752	ng	98
81) Benzo(a)anthracene	21.509	228	5805665	45.010	ng	99
82) 3,3'-Dichlorobenzidine	21.445	252	1738461	43.854	ng	99
83) Chrysene	21.562	228	5345792	42.613	ng	99
84) Bis(2-ethylhexyl)phtha...	21.433	149	4037565	48.776	ng	98
85) Di-n-octyl phthalate	22.362	149	6750492	49.091	ng	97
87) Indeno(1,2,3-cd)pyrene	26.485	276	5280567	40.110	ng	100
88) Benzo(b)fluoranthene	23.215	252	5346537	48.370	ng	100
89) Benzo(k)fluoranthene	23.262	252	5119373	44.504	ng	100
90) Benzo(a)pyrene	23.850	252	4516051	42.452	ng	100
91) Dibenzo(a,h)anthracene	26.509	278	4408654	39.542	ng	100
92) Benzo(g,h,i)perylene	27.268	276	4248967	38.953	ng	100

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

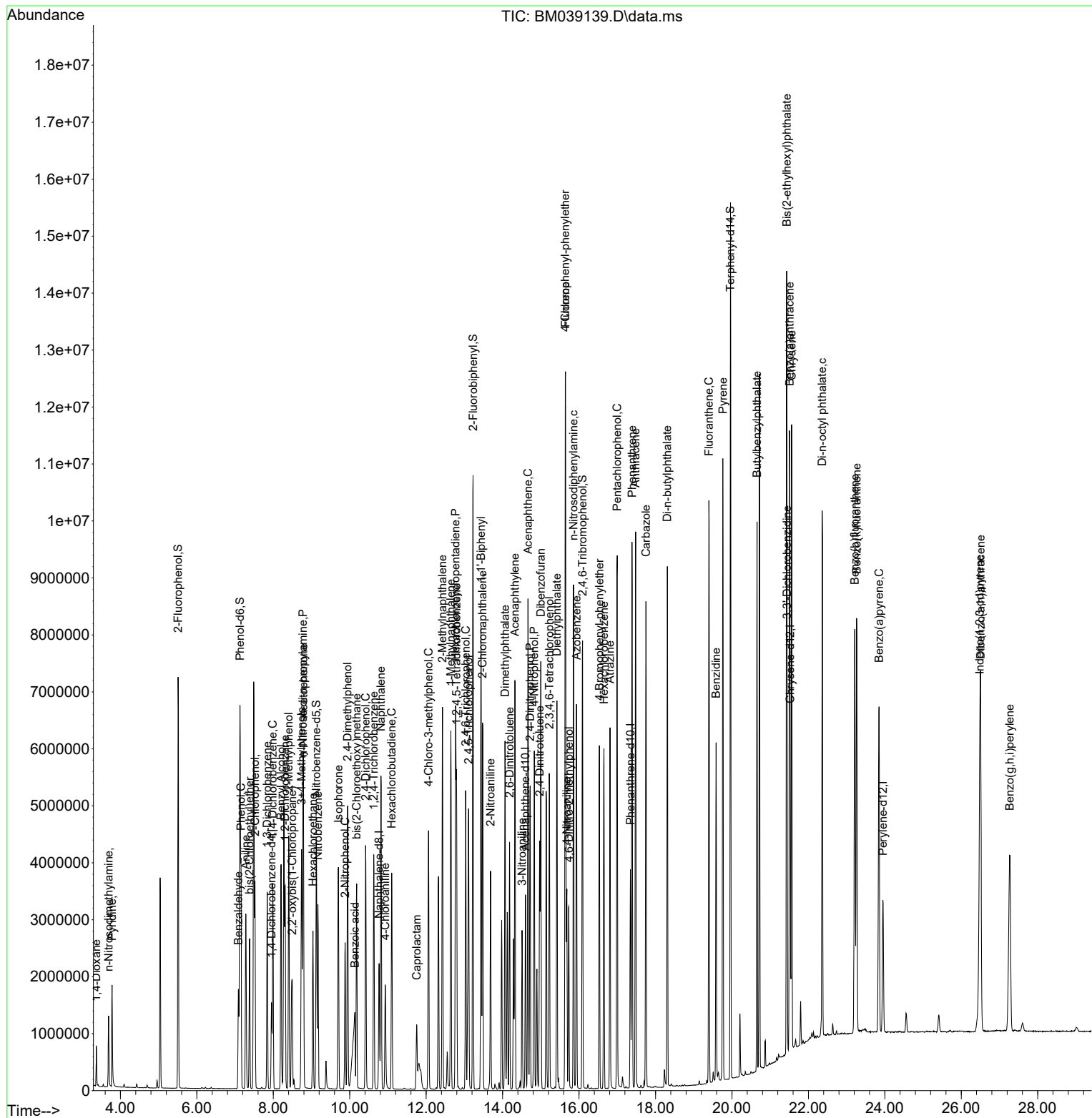
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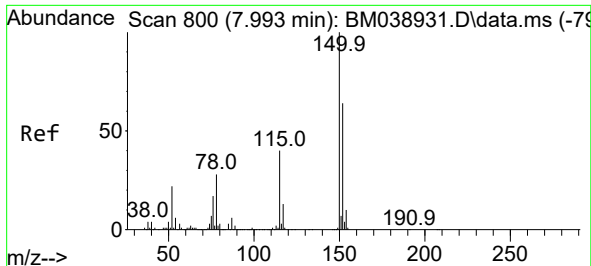
Instrument :
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 ClientSampleId :
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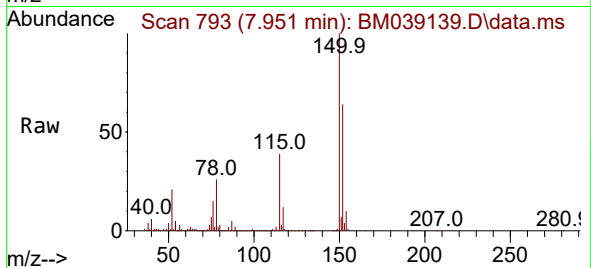
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.951 min Scan# 79
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

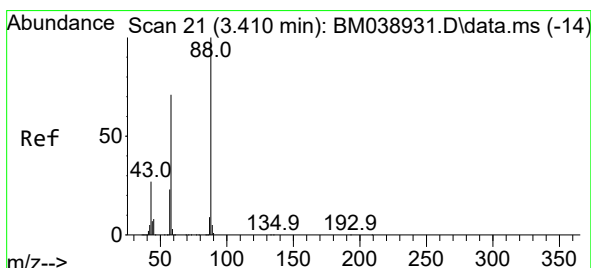
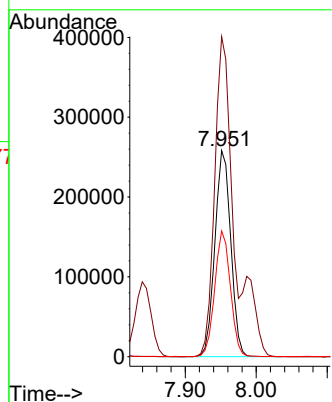
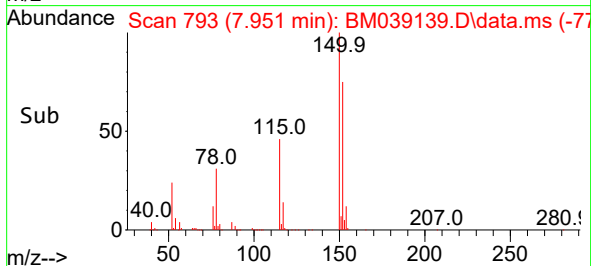
Instrument :
BNA_M
ClientSampleId :
PB151460BS



Tgt Ion:152 Resp: 400235
Ion Ratio Lower Upper
152 100
150 155.3 125.1 187.7
115 61.0 49.6 74.4

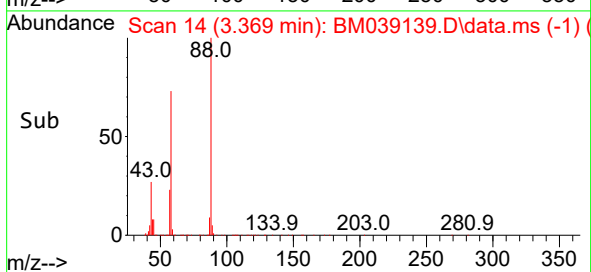
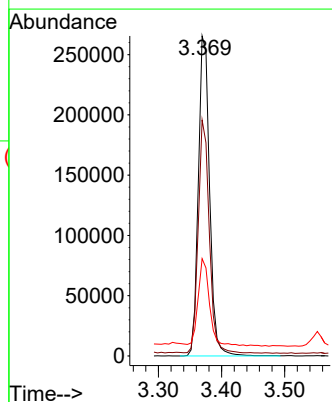
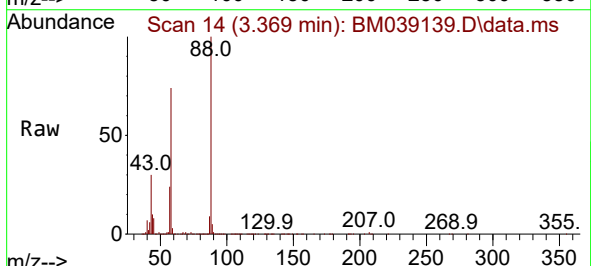
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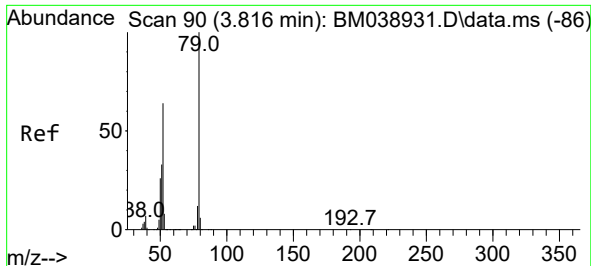
Reviewed By :Christian Giraldo 03/27/2023
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#2
1,4-Dioxane
Concen: 27.993 ng
RT: 3.369 min Scan# 14
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

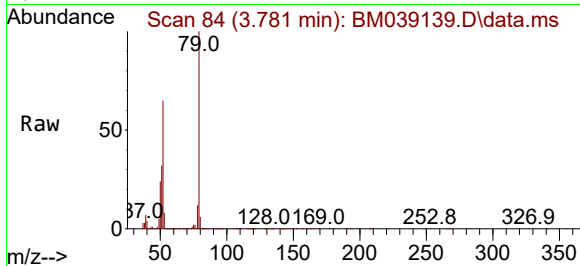
Tgt Ion: 88 Resp: 328063
Ion Ratio Lower Upper
88 100
58 71.5 57.2 85.8
43 27.2 22.0 33.0





#3
 Pyridine
 Concen: 27.959 ng
 RT: 3.781 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: BM039139.D
 Acq: 24 Mar 2023 13:17

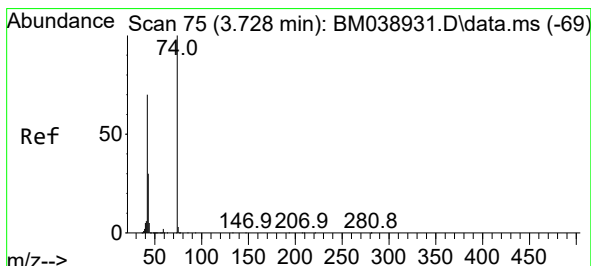
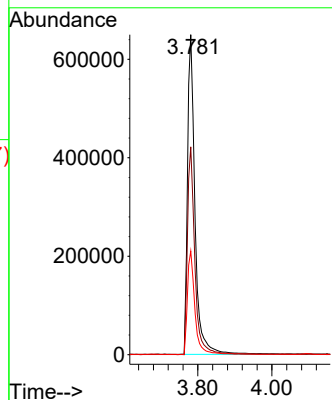
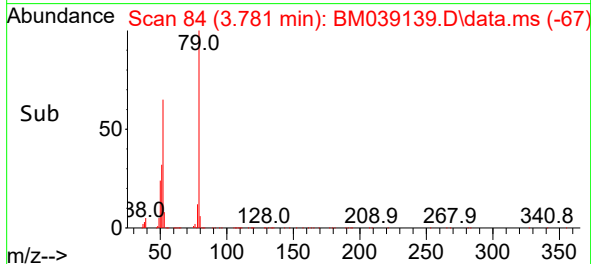
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 ClientSampleId :
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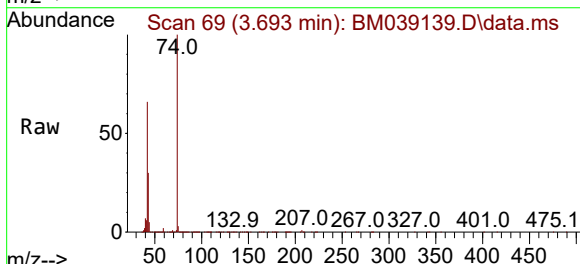
Tgt Ion: 79 Resp: 908740
 Ion Ratio Lower Upper
 79 100
 52 65.0 51.4 77.2
 51 32.4 26.6 40.0

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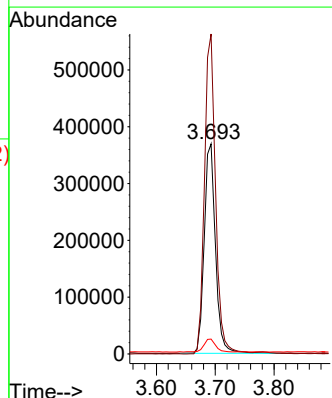
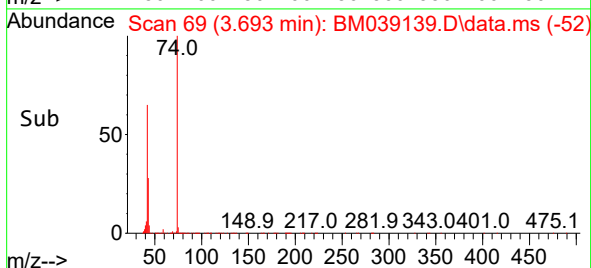
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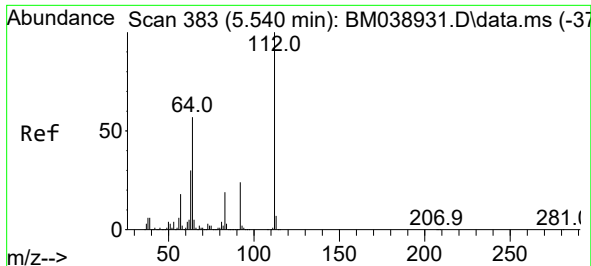


#4
 n-Nitrosodimethylamine
 Concen: 37.207 ng
 RT: 3.693 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: BM039139.D
 Acq: 24 Mar 2023 13:17



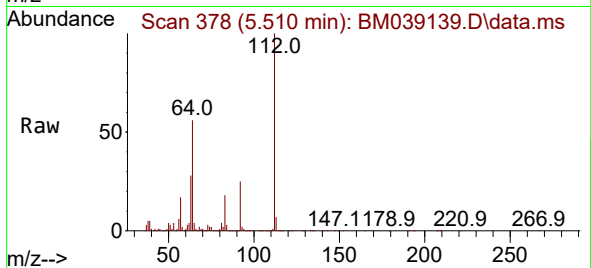
Tgt Ion: 42 Resp: 492117
 Ion Ratio Lower Upper
 42 100
 74 152.4 113.8 170.8
 44 7.1 6.2 9.2





#5
2-Fluorophenol
Concen: 119.520 ng
RT: 5.510 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

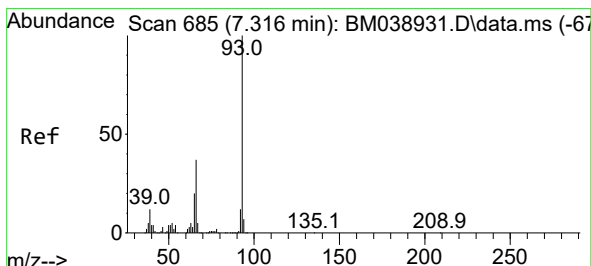
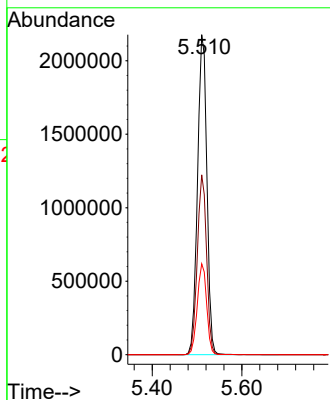
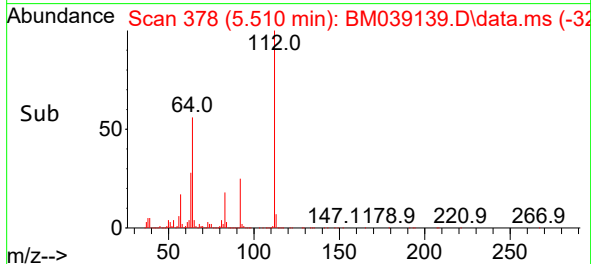
Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 314859
Ion Ratio Lower Upper
112 100
64 56.2 45.9 68.9
63 28.4 23.8 35.8

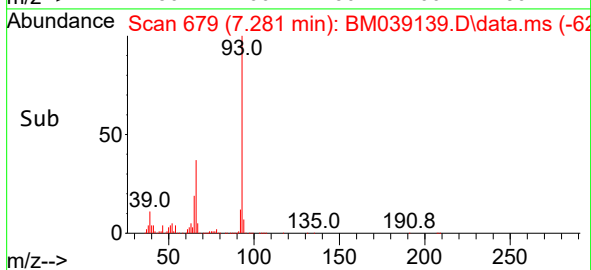
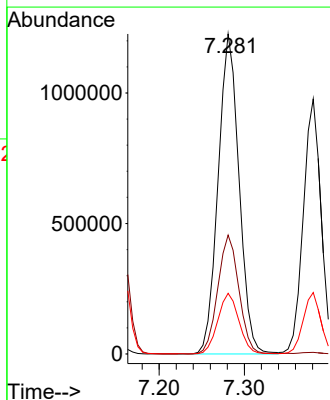
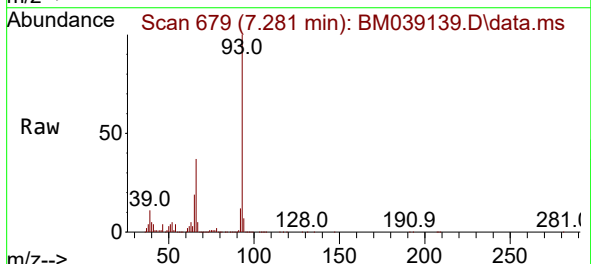
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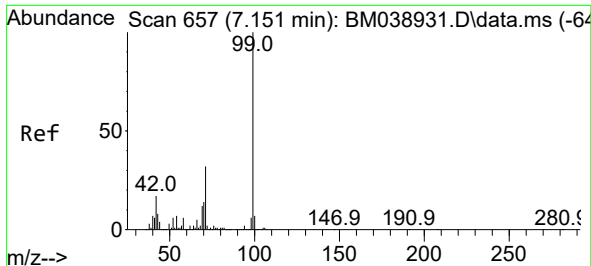
Reviewed By :Christian Giraldo 03/27/2023
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#6
Aniline
Concen: 46.537 ng
RT: 7.281 min Scan# 679
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

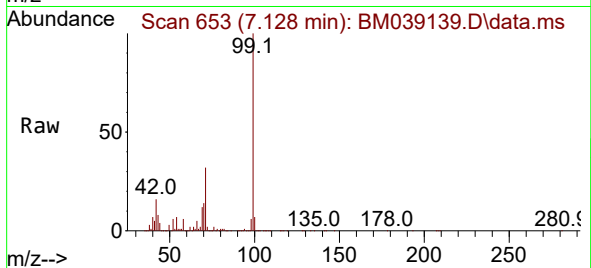
Tgt Ion: 93 Resp: 2090796
Ion Ratio Lower Upper
93 100
66 37.1 30.0 45.0
65 18.9 15.8 23.6





#7
Phenol-d6
Concen: 124.597 ng
RT: 7.128 min Scan# 61
Delta R.T. 0.012 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

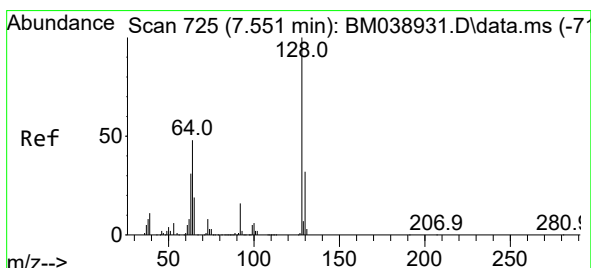
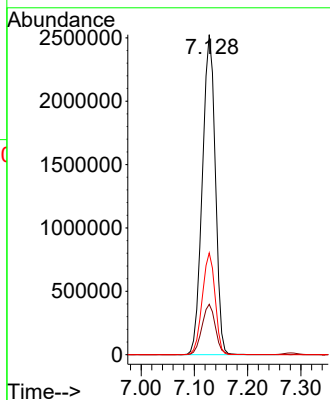
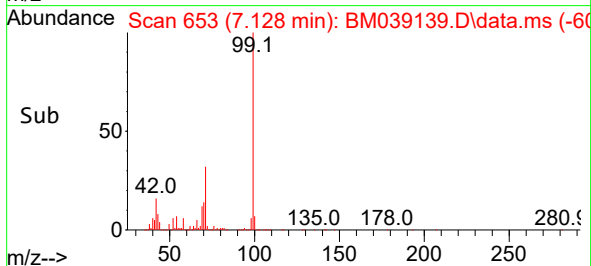
Instrument :
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Tgt Ion: 99 Resp: 426340
Ion Ratio Lower Upper
99 100
42 15.8 13.5 20.3
71 31.8 25.6 38.4

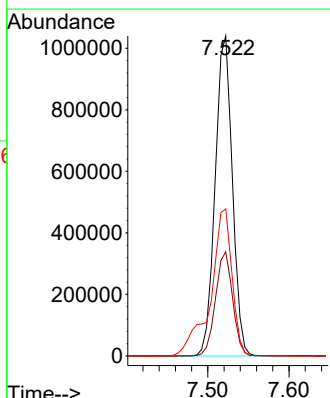
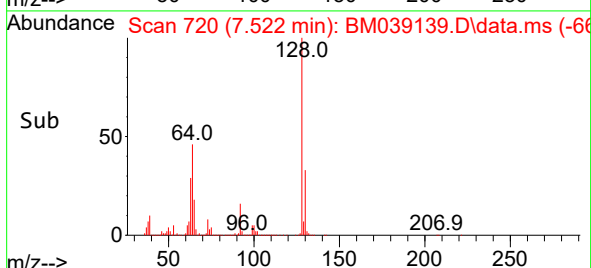
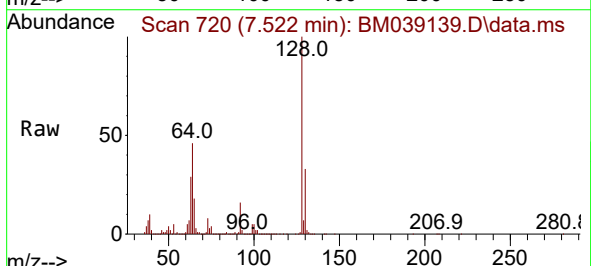
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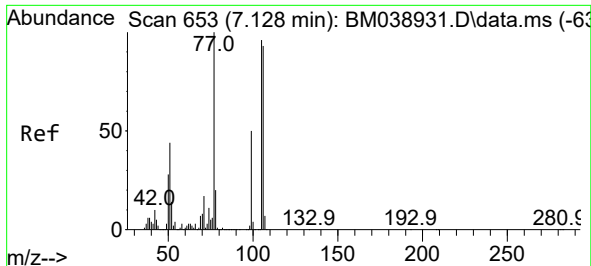
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#8
2-Chlorophenol
Concen: 54.556 ng
RT: 7.522 min Scan# 720
Delta R.T. 0.006 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

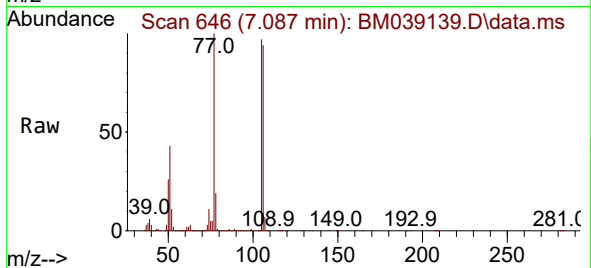
Tgt Ion:128 Resp: 1530068
Ion Ratio Lower Upper
128 100
130 32.6 11.9 51.9
64 45.9 28.6 68.6





#9
Benzaldehyde
Concen: 35.313 ng
RT: 7.087 min Scan# 64
Delta R.T. 0.000 min
Lab File: BM039139.D
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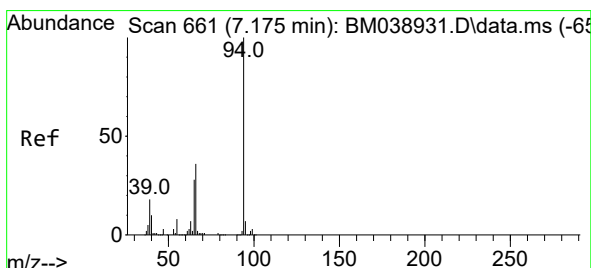
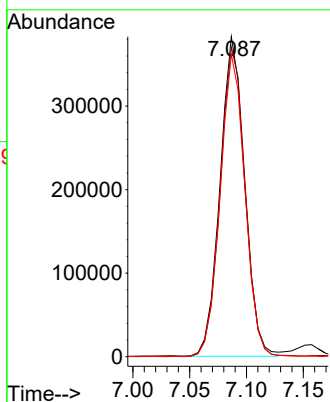
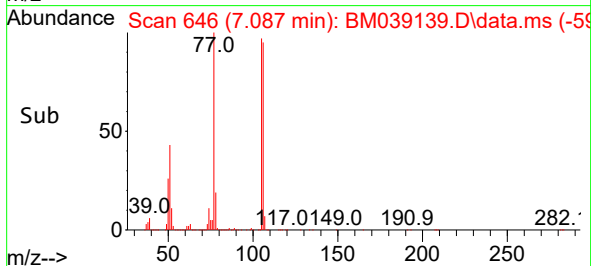
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Tgt Ion: 77 Resp: 57499
Ion Ratio Lower Upper
77 100
105 96.8 75.8 115.8
106 94.5 72.6 112.6

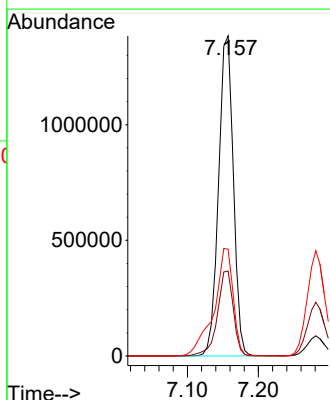
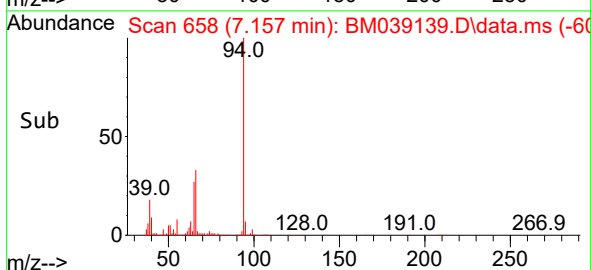
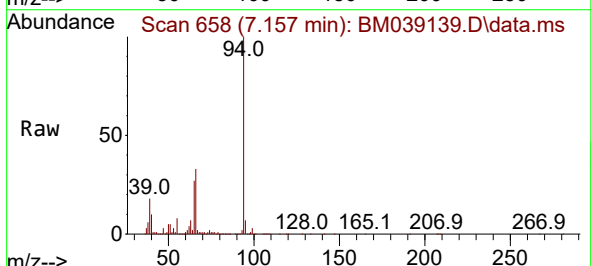
Manual Integrations
APPROVED

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



#10
Phenol
Concen: 54.919 ng
RT: 7.157 min Scan# 658
Delta R.T. 0.012 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

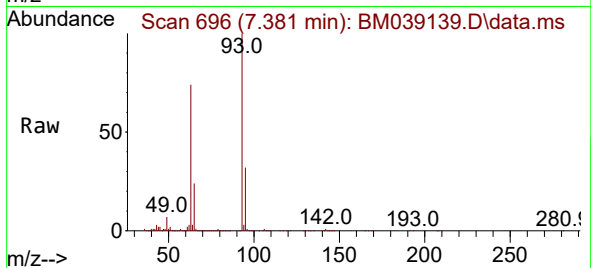
Tgt Ion: 94 Resp: 1995594
Ion Ratio Lower Upper
94 100
65 26.6 7.9 47.9
66 33.4 15.8 55.8





#11
bis(2-Chloroethyl)ether
Concen: 47.760 ng
RT: 7.381 min Scan# 696
Delta R.T. 0.006 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

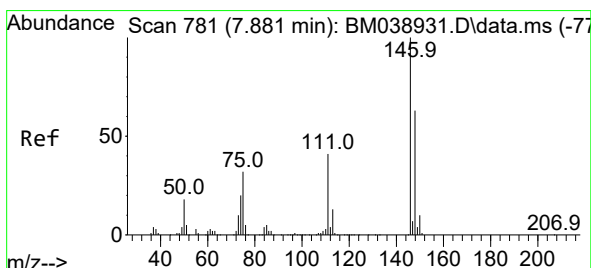
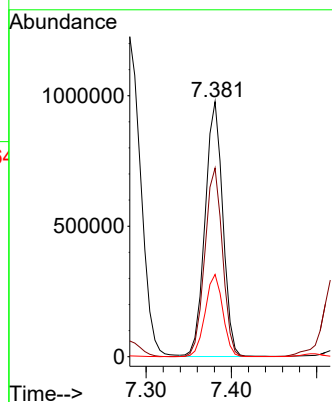
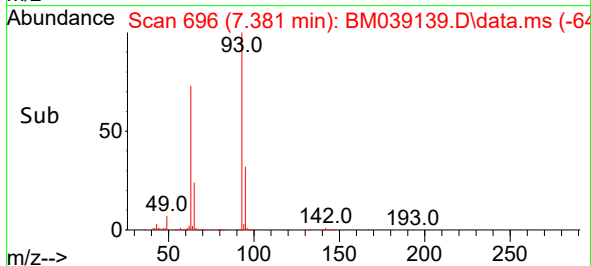
Instrument :
BNA_M
ClientSampleId :
PB151460BS



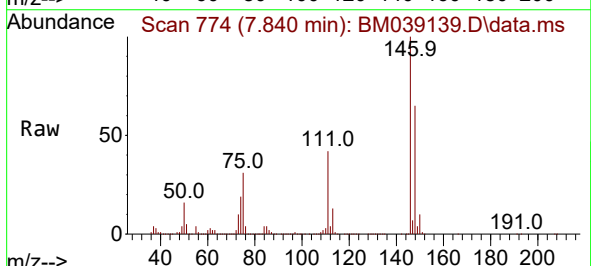
Tgt Ion: 93 Resp: 141099
Ion Ratio Lower Upper
93 100
63 73.9 55.8 95.8
95 32.3 12.2 52.2

Manual Integrations
APPROVED

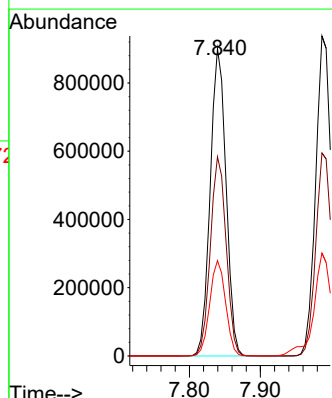
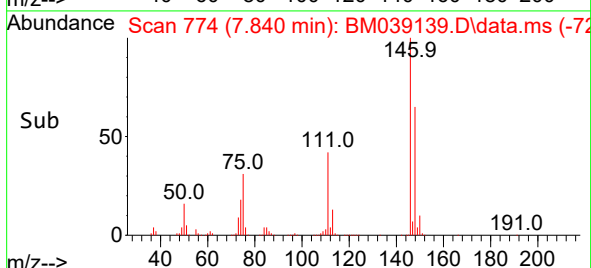
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

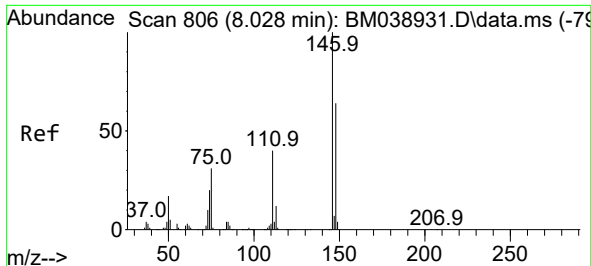


#12
1,3-Dichlorobenzene
Concen: 46.698 ng
RT: 7.840 min Scan# 774
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17



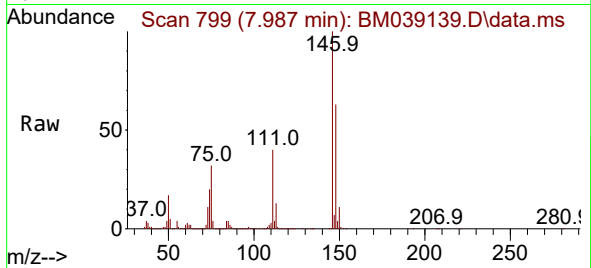
Tgt Ion:146 Resp: 1391832
Ion Ratio Lower Upper
146 100
148 64.8 50.6 75.8
75 31.0 26.0 39.0





#13
1,4-Dichlorobenzene
Concen: 47.323 ng
RT: 7.987 min Scan# 799
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

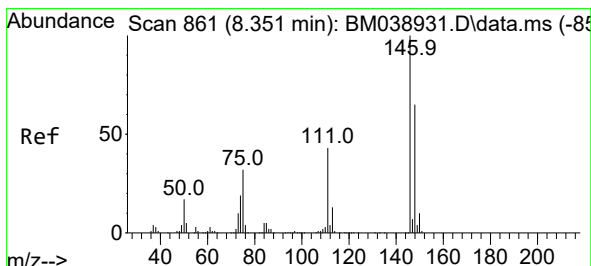
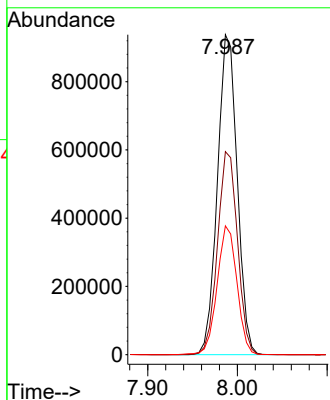
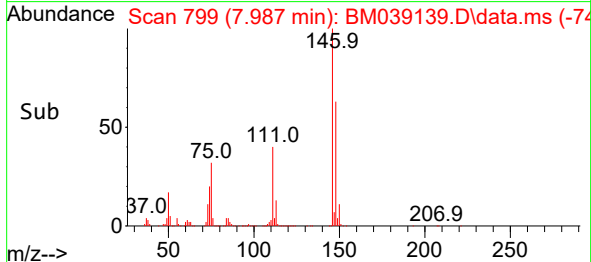
Instrument :
BNA_M
ClientSampleId :
PB151460BS



Tgt Ion:146 Resp: 1434489
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.4
111 40.3 32.2 48.4

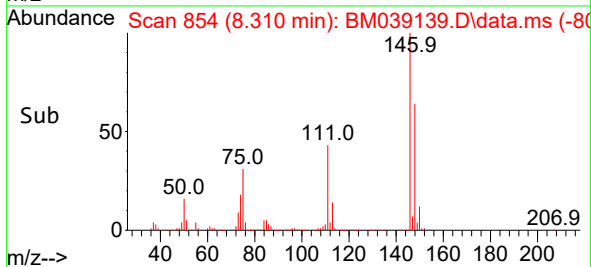
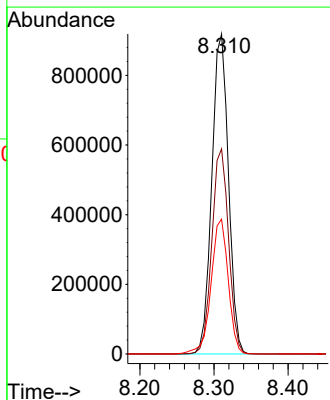
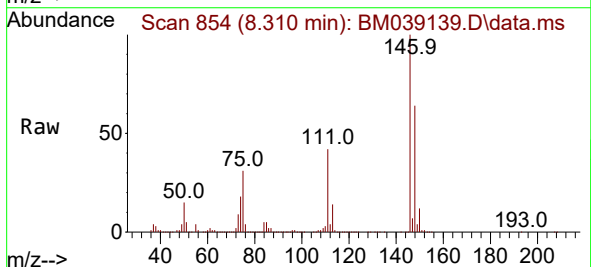
Manual Integrations
APPROVED

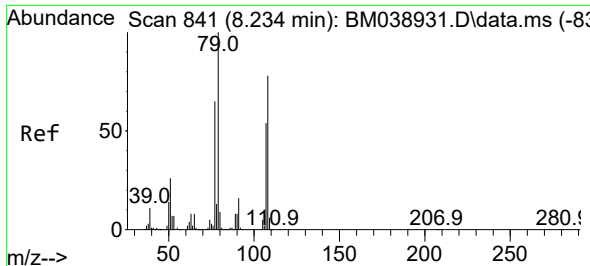
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#14
1,2-Dichlorobenzene
Concen: 48.962 ng
RT: 8.310 min Scan# 854
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

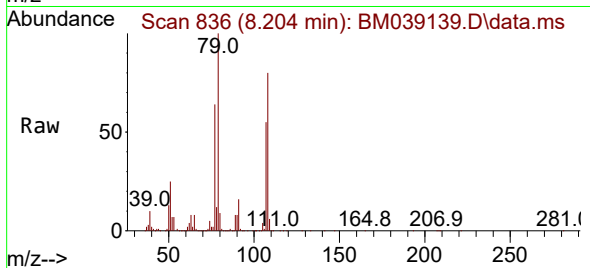
Tgt Ion:146 Resp: 1429634
Ion Ratio Lower Upper
146 100
148 64.1 51.7 77.5
111 42.2 34.2 51.4





#15
Benzyl Alcohol
Concen: 55.397 ng
RT: 8.204 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

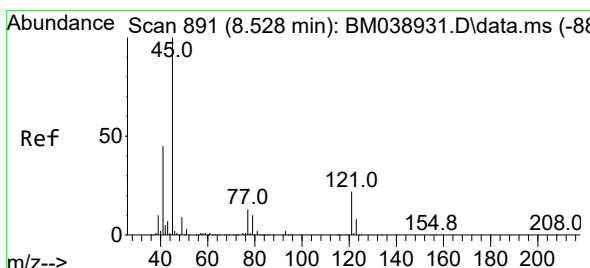
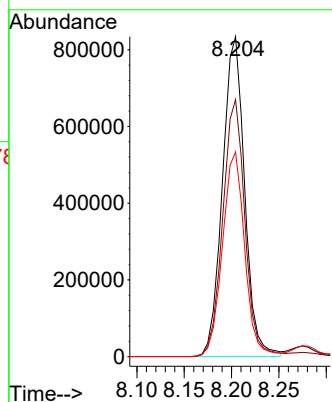
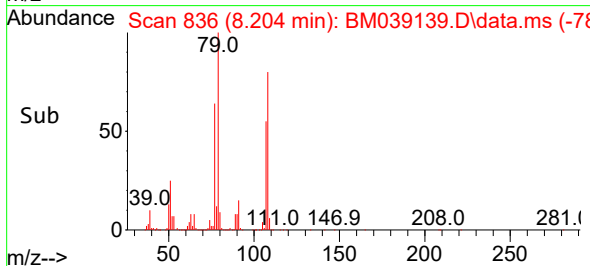
Instrument :
BNA_M
ClientSampleId :
PB151460BS



Tgt Ion: 79 Resp: 135864
Ion Ratio Lower Upper
79 100
108 80.3 62.4 93.6
77 64.0 52.2 78.4

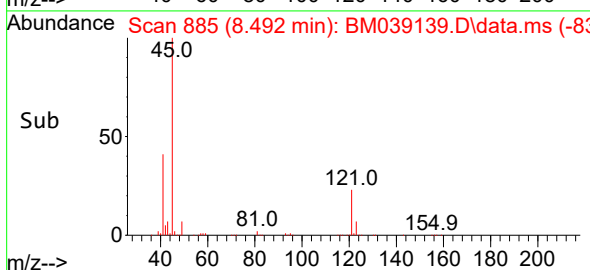
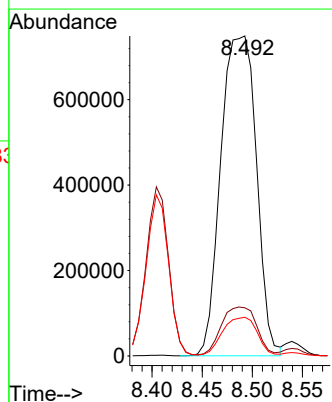
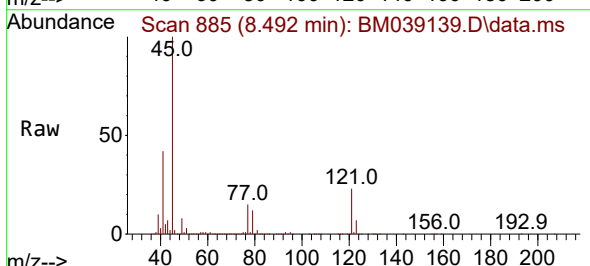
Manual Integrations
APPROVED

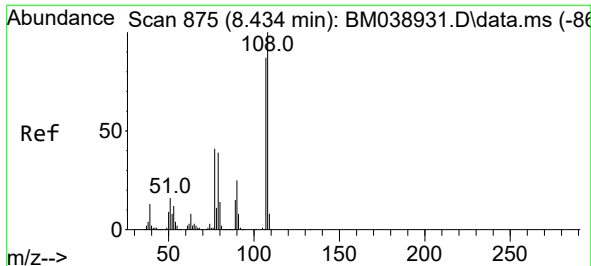
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.492 ng
RT: 8.492 min Scan# 885
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

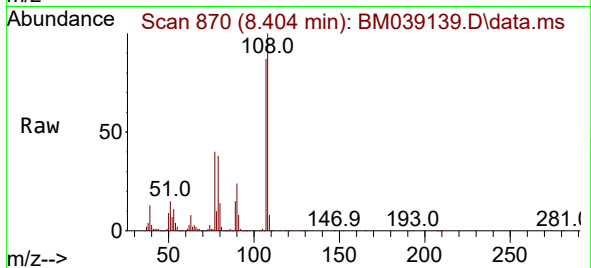
Tgt Ion: 45 Resp: 1846617
Ion Ratio Lower Upper
45 100
77 15.1 0.0 34.8
79 12.1 0.0 31.5





#17
2-Methylphenol
Concen: 54.195 ng
RT: 8.404 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

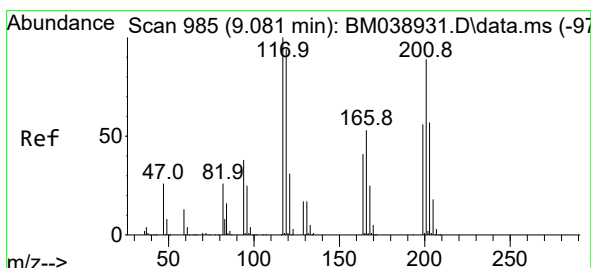
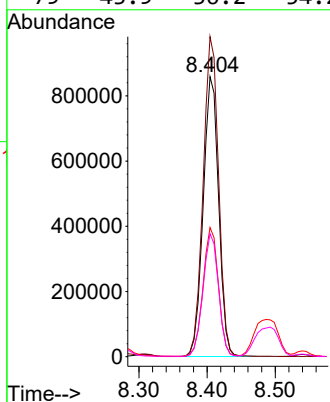
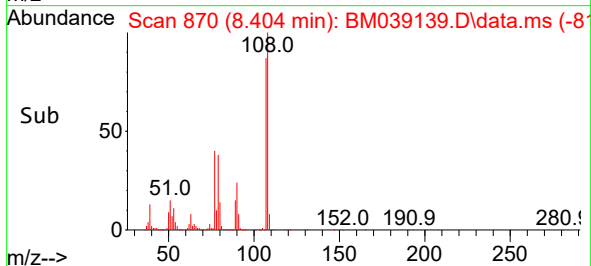
Instrument :
BNA_M
ClientSampleId :
PB151460BS



Tgt Ion:107 Resp: 135279
Ion Ratio Lower Upper
107 100
108 114.3 91.7 137.5
77 46.1 37.4 56.2
79 43.9 36.2 54.2

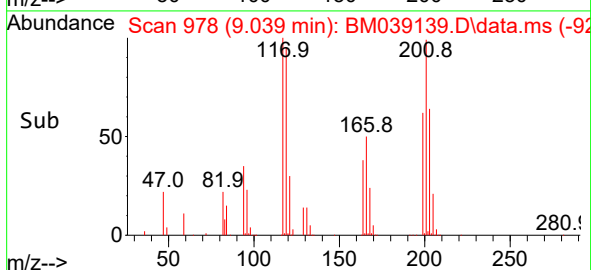
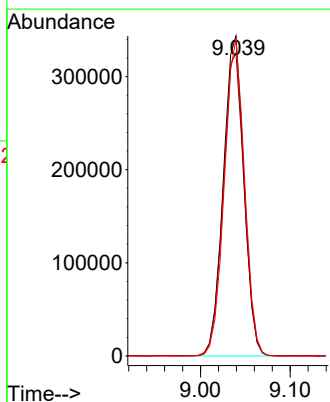
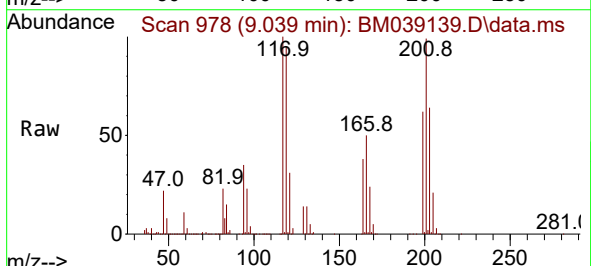
Manual Integrations
APPROVED

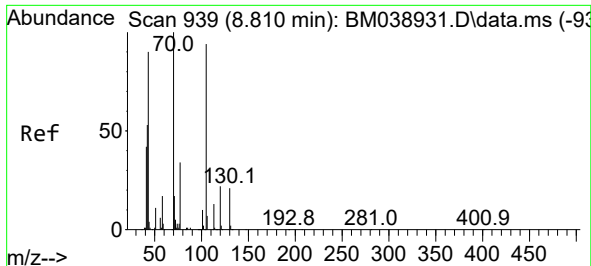
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#18
Hexachloroethane
Concen: 48.962 ng
RT: 9.039 min Scan# 978
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

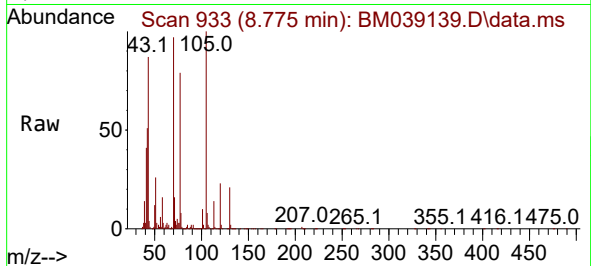
Tgt Ion:117 Resp: 547592
Ion Ratio Lower Upper
117 100
119 94.7 75.4 113.0
201 99.0 71.3 106.9





#19
n-Nitroso-di-n-propylamine
Concen: 54.018 ng
RT: 8.775 min Scan# 911
Delta R.T. 0.006 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

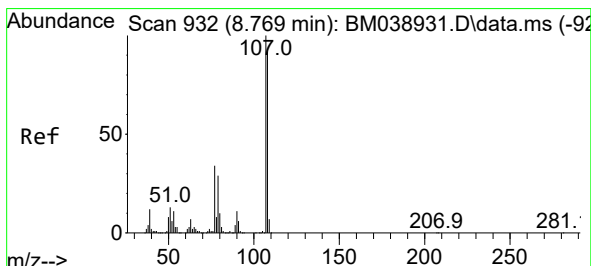
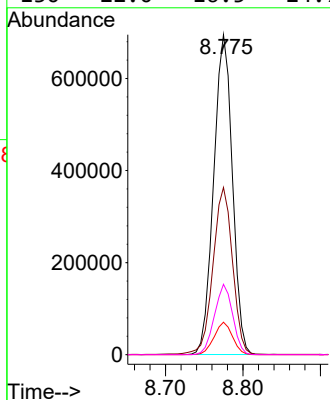
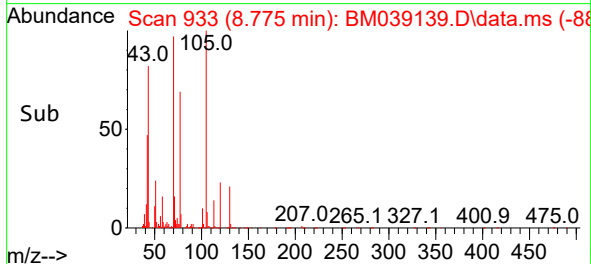
Instrument :
BNA_M
ClientSampleId :
PB151460BS



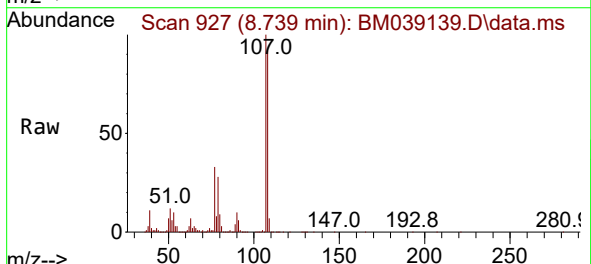
Tgt Ion: 70 Resp: 116422
Ion Ratio Lower Upper
70 100
42 52.2 43.4 65.2
101 10.1 7.6 11.4
130 22.0 16.5 24.7

Manual Integrations
APPROVED

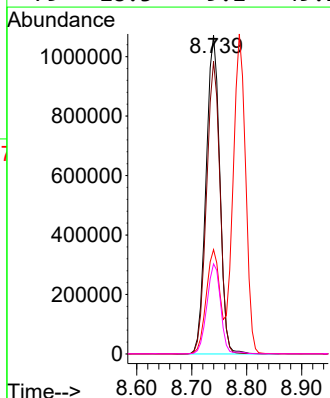
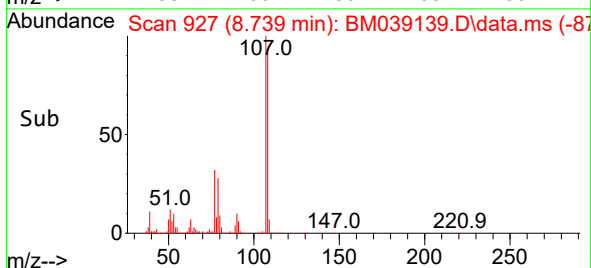
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

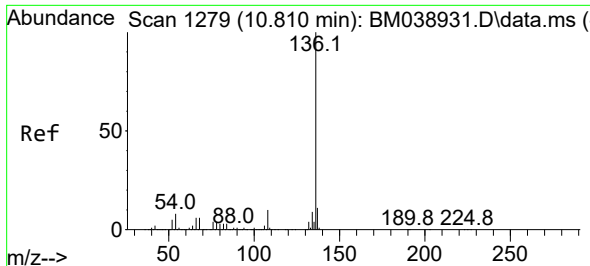


#20
3+4-Methylphenols
Concen: 55.650 ng
RT: 8.739 min Scan# 927
Delta R.T. 0.006 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17



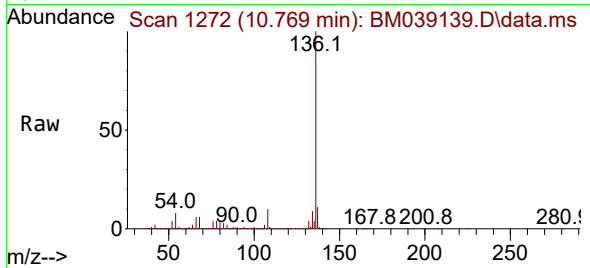
Tgt Ion:107 Resp: 1854789
Ion Ratio Lower Upper
107 100
108 91.8 71.8 111.8
77 32.7 13.6 53.6
79 28.3 9.2 49.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.769 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

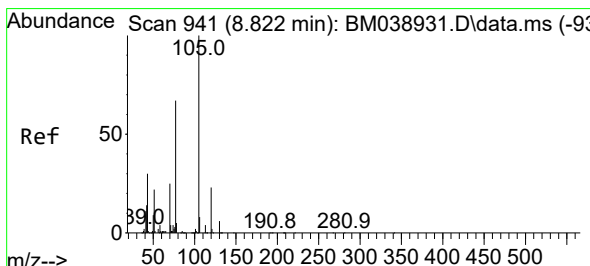
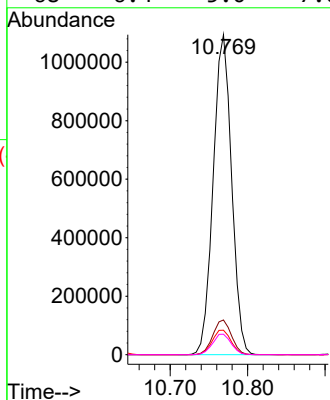
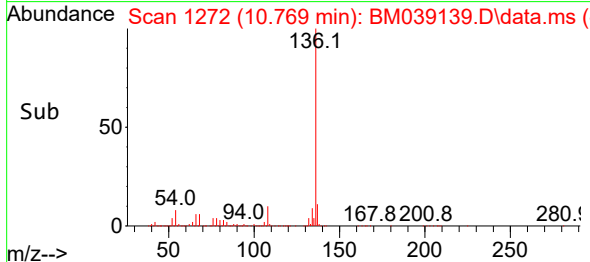
Instrument :
BNA_M
ClientSampleId :
PB151460BS



Tgt Ion:136 Resp: 1802330
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.6 6.3 9.5
68 6.4 5.0 7.6

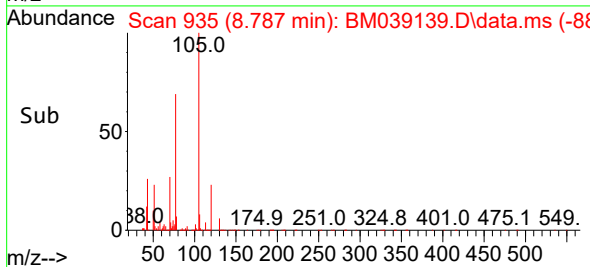
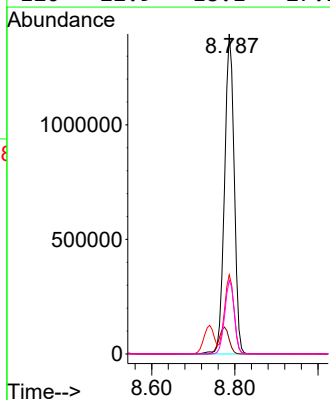
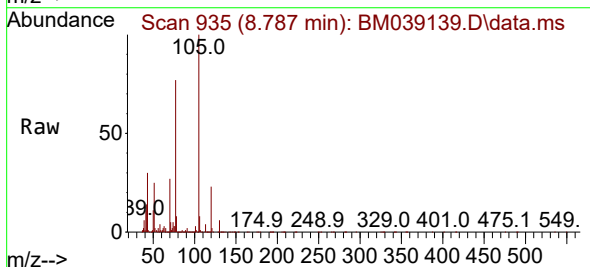
Manual Integrations
APPROVED

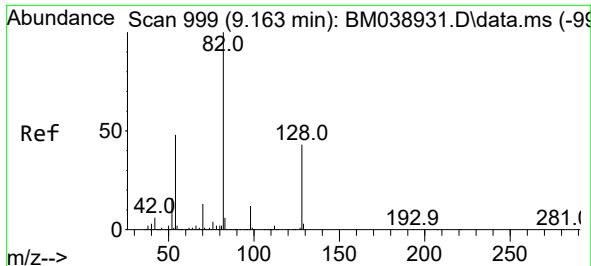
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#22
Acetophenone
Concen: 44.522 ng
RT: 8.787 min Scan# 935
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

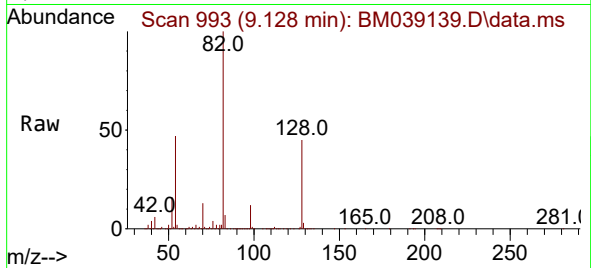
Tgt Ion:105 Resp: 2251310
Ion Ratio Lower Upper
105 100
71 4.5 3.4 5.0
51 24.8 21.0 31.4
120 22.9 18.1 27.1





#23
Nitrobenzene-d5
Concen: 69.850 ng
RT: 9.128 min Scan# 999
Delta R.T. 0.006 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

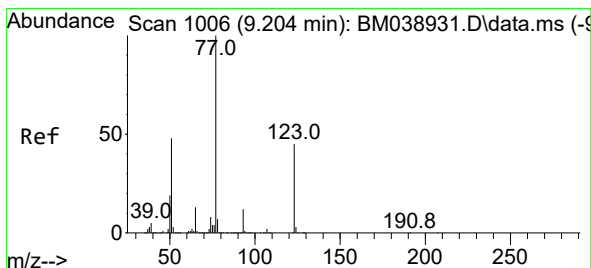
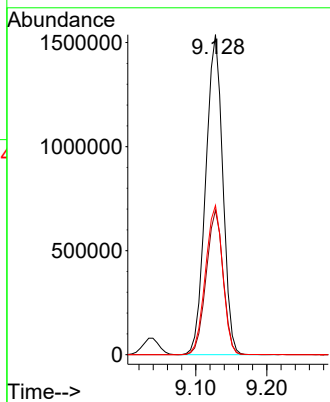
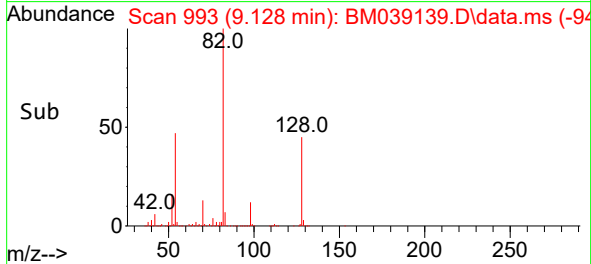
Instrument :
BNA_M
ClientSampleId :
PB151460BS



Tgt Ion: 82 Resp: 256290
Ion Ratio Lower Upper
82 100
128 45.2 34.4 51.6
54 46.7 38.8 58.2

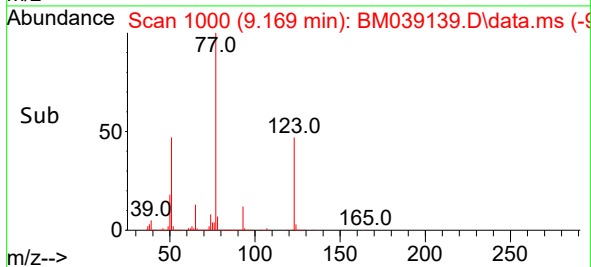
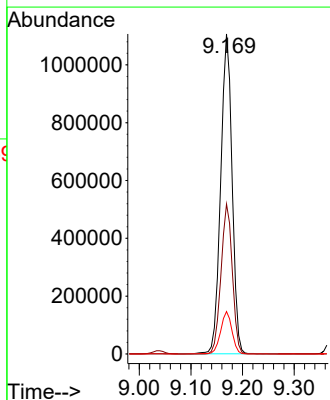
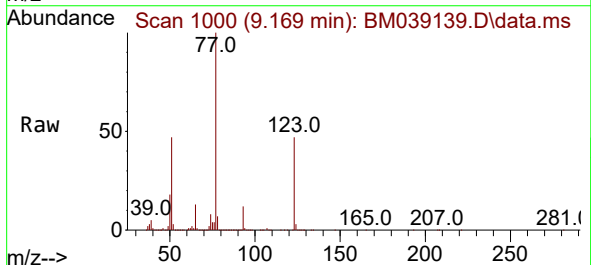
Manual Integrations
APPROVED

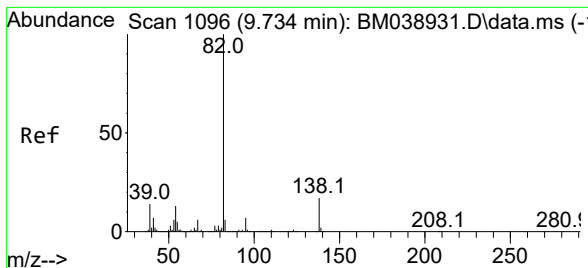
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#24
Nitrobenzene
Concen: 43.874 ng
RT: 9.169 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

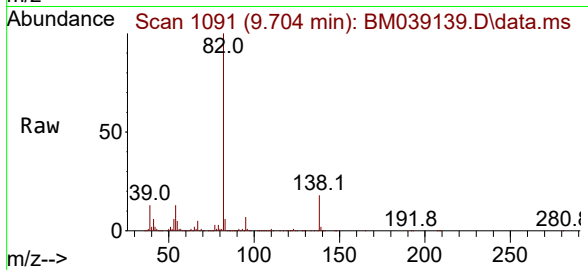
Tgt Ion: 77 Resp: 1692017
Ion Ratio Lower Upper
77 100
123 46.9 35.8 53.6
65 13.3 10.2 15.4





#25
Isophorone
Concen: 47.850 ng
RT: 9.704 min Scan# 1096
Delta R.T. 0.006 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

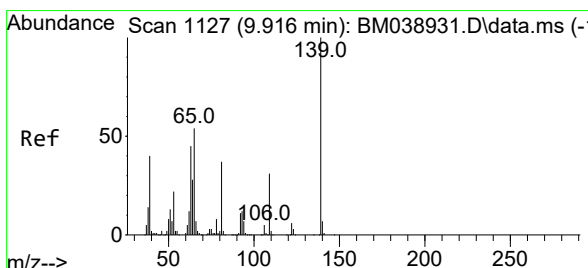
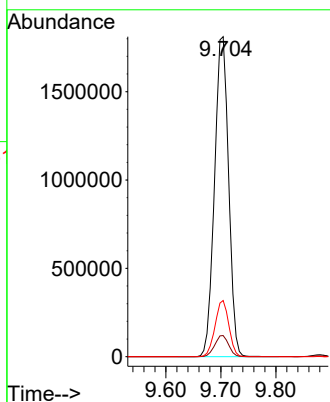
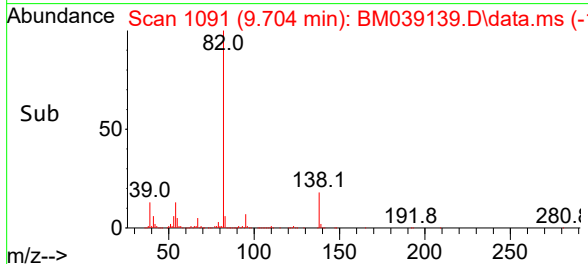
Instrument :
BNA_M
ClientSampleId :
PB151460BS



Tgt Ion: 82 Resp: 323086
Ion Ratio Lower Upper
82 100
95 6.6 5.2 7.8
138 17.5 13.6 20.4

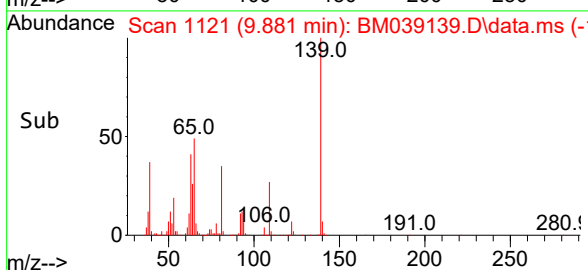
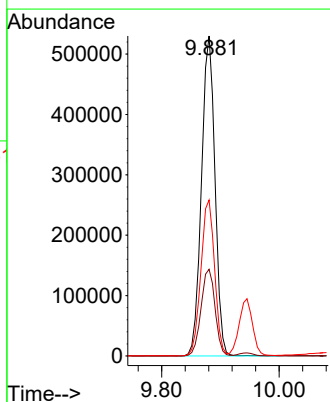
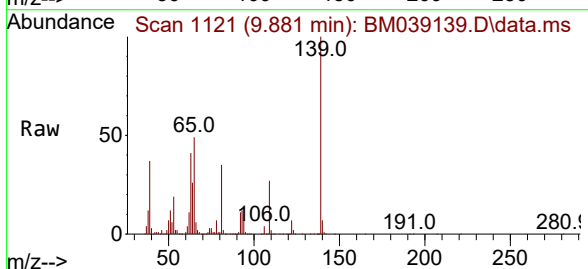
Manual Integrations
APPROVED

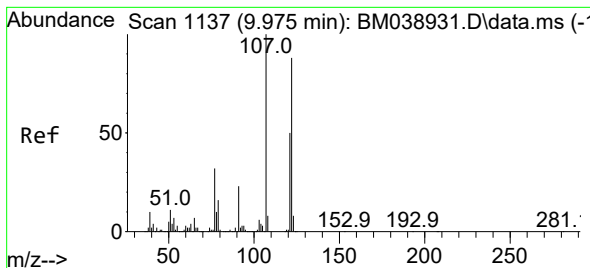
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#26
2-Nitrophenol
Concen: 49.648 ng
RT: 9.881 min Scan# 1121
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

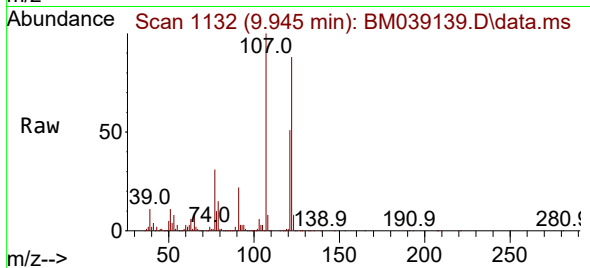
Tgt Ion:139 Resp: 847290
Ion Ratio Lower Upper
139 100
109 27.1 24.5 36.7
65 48.8 43.0 64.6





#27
2,4-Dimethylphenol
Concen: 51.533 ng
RT: 9.945 min Scan# 1137
Delta R.T. 0.006 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

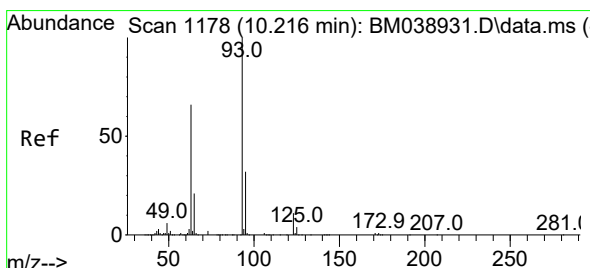
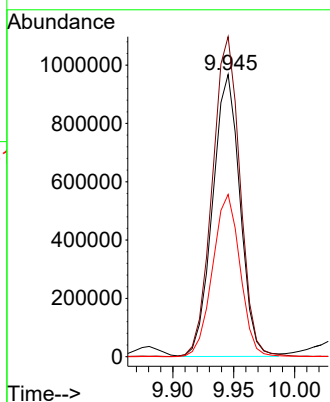
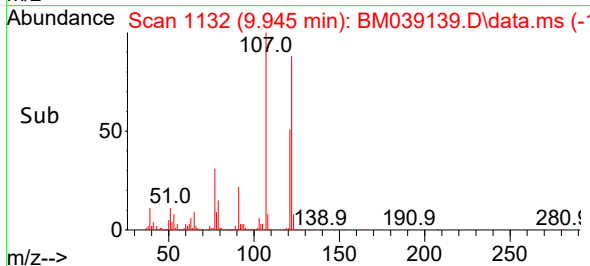
Instrument :
BNA_M
ClientSampleId :
PB151460BS



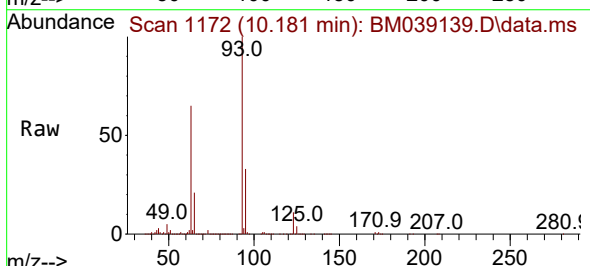
Tgt Ion:122 Resp: 1516119
Ion Ratio Lower Upper
122 100
107 113.4 91.0 136.4
121 57.5 45.1 67.7

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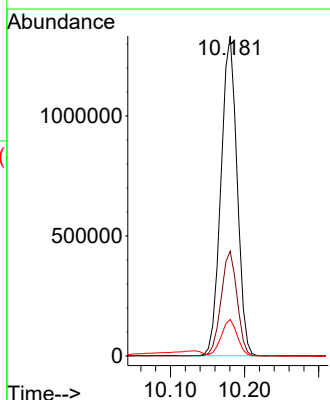
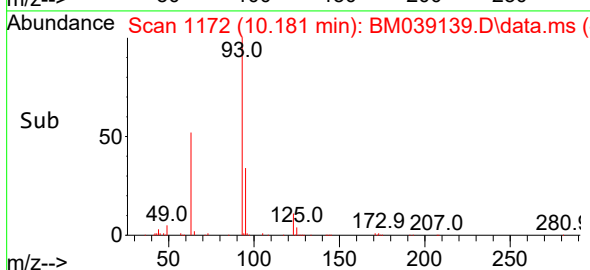
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

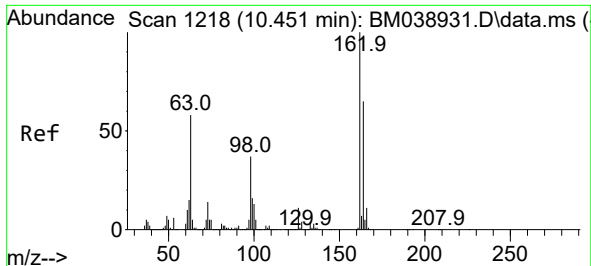


#28
bis(2-Chloroethoxy)methane
Concen: 46.369 ng
RT: 10.181 min Scan# 1172
Delta R.T. 0.006 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17



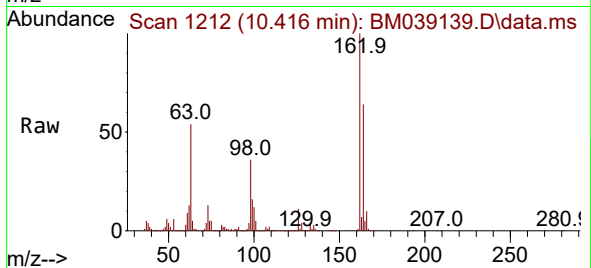
Tgt Ion: 93 Resp: 2011680
Ion Ratio Lower Upper
93 100
95 32.7 25.9 38.9
123 11.4 8.8 13.2





#29
2,4-Dichlorophenol
Concen: 53.260 ng
RT: 10.416 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

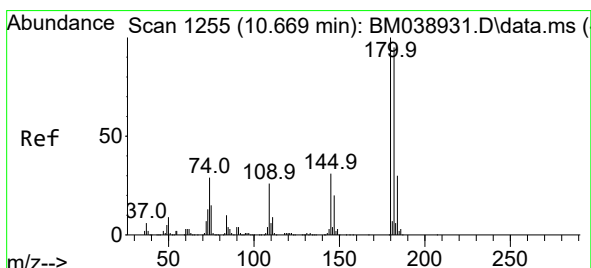
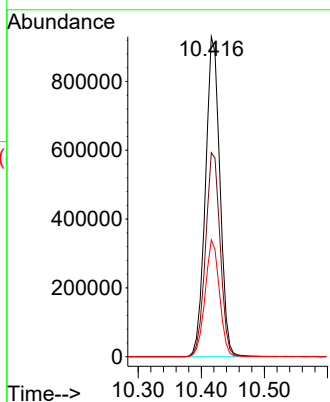
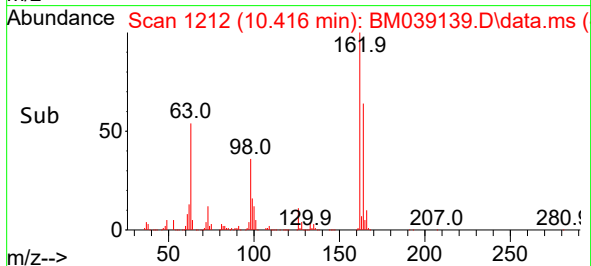
Instrument :
BNA_M
ClientSampleId :
PB151460BS



Tgt Ion:162 Resp: 148555
Ion Ratio Lower Upper
162 100
164 63.8 44.6 84.6
98 36.5 17.5 57.5

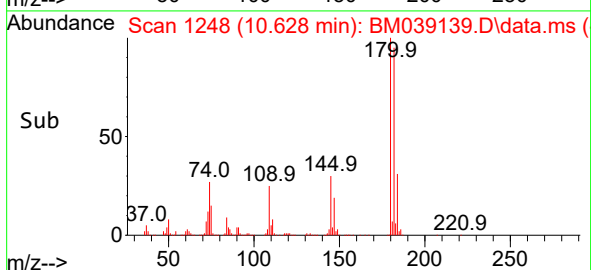
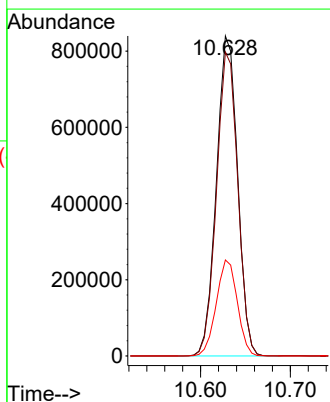
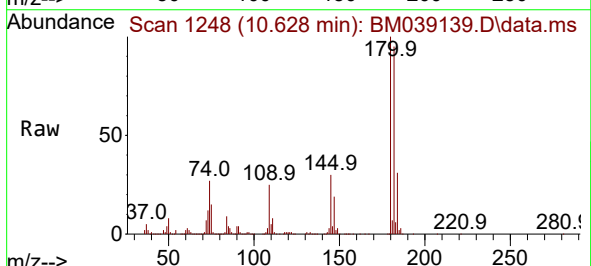
Manual Integrations
APPROVED

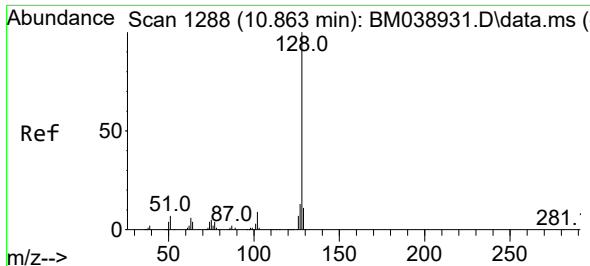
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#30
1,2,4-Trichlorobenzene
Concen: 45.136 ng
RT: 10.628 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

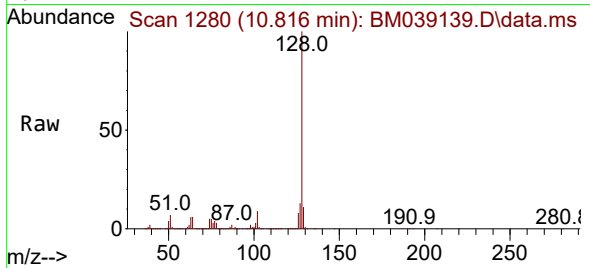
Tgt Ion:180 Resp: 1375768
Ion Ratio Lower Upper
180 100
182 95.0 76.3 114.5
145 30.0 25.0 37.4





#31
Naphthalene
Concen: 43.486 ng
RT: 10.816 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

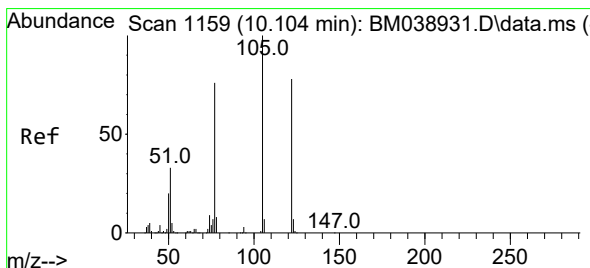
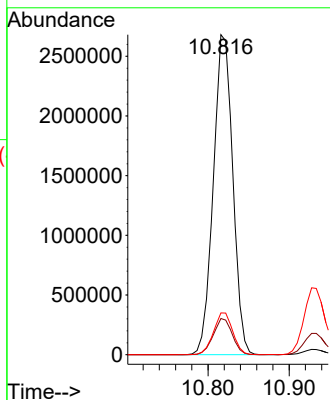
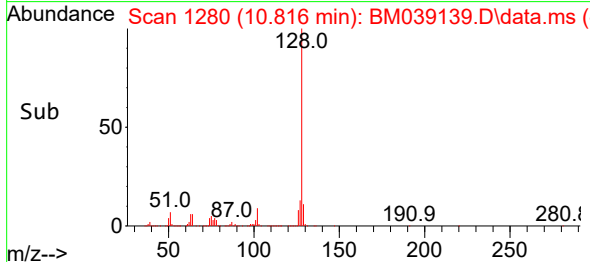
Instrument :
BNA_M
ClientSampleId :
PB151460BS



Tgt Ion:128 Resp: 446916
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.1 10.2 15.4

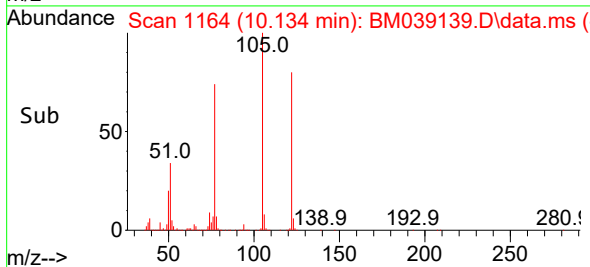
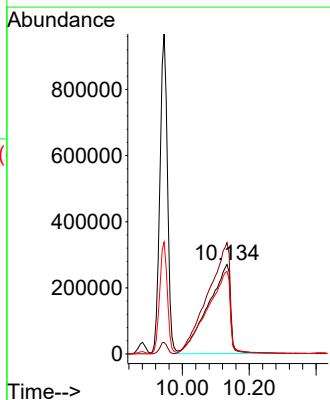
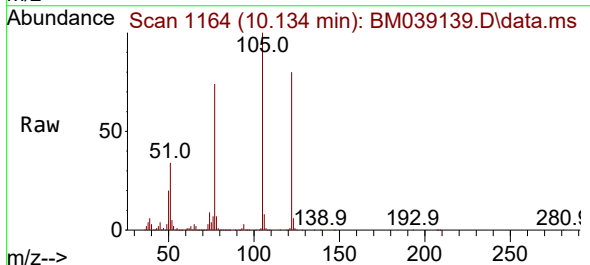
Manual Integrations
APPROVED

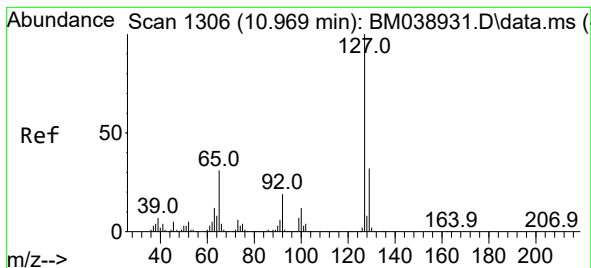
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#32
Benzoic acid
Concen: 56.799 ng
RT: 10.134 min Scan# 1164
Delta R.T. 0.041 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

Tgt Ion:122 Resp: 1251820
Ion Ratio Lower Upper
122 100
105 124.5 104.2 144.2
77 92.4 75.1 115.1





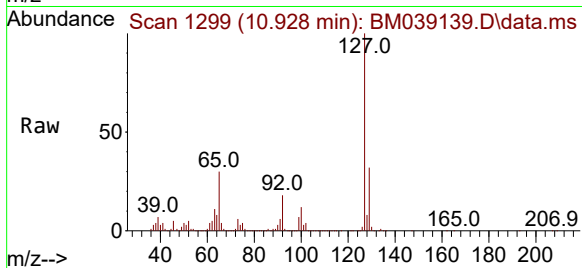
#33
4-Chloroaniline
Concen: 24.092 ng
RT: 10.928 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

Instrument :

BNA_M

ClientSampleId :

PB151460BS

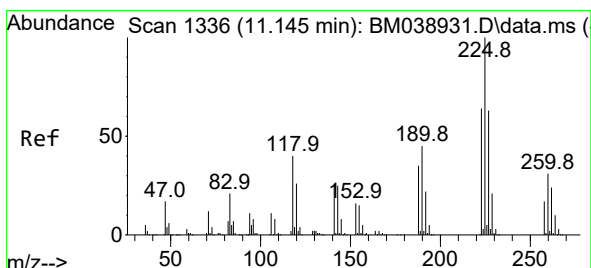
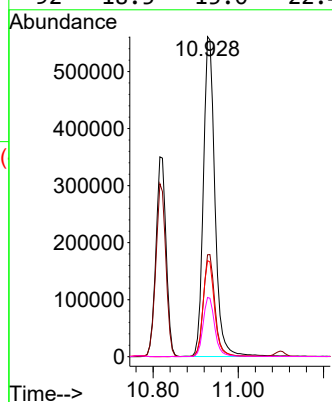
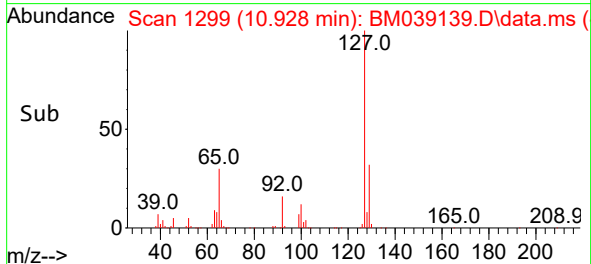


Tgt Ion:127 Resp: 1055178
Ion Ratio Lower Upper
127 100
129 31.9 25.4 38.2
65 30.0 24.4 36.6
92 18.5 15.0 22.4

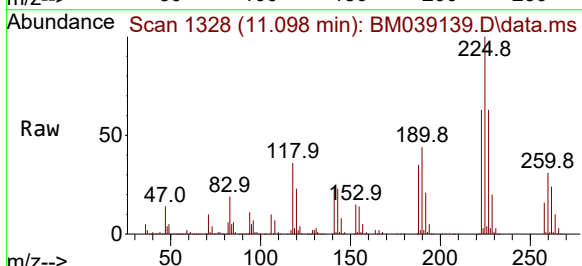
Manual Integrations

APPROVED

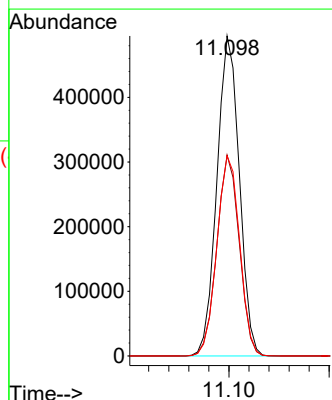
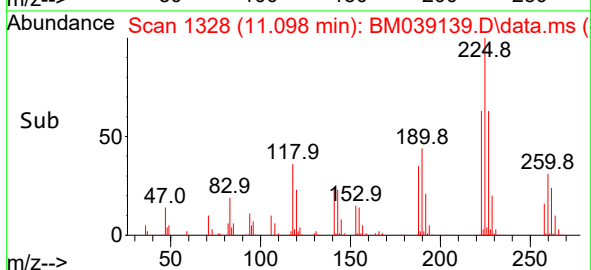
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

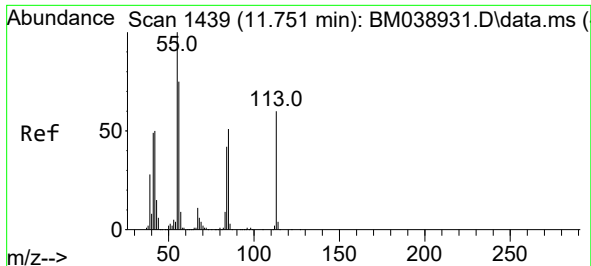


#34
Hexachlorobutadiene
Concen: 43.943 ng
RT: 11.098 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17



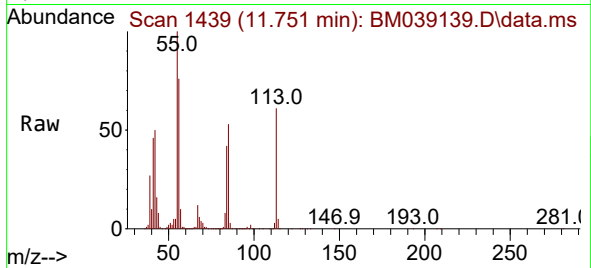
Tgt Ion:225 Resp: 768089
Ion Ratio Lower Upper
225 100
223 62.8 51.3 76.9
227 62.6 50.6 76.0





#35
Caprolactam
Concen: 58.421 ng m
RT: 11.751 min Scan# 1439
Delta R.T. 0.012 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

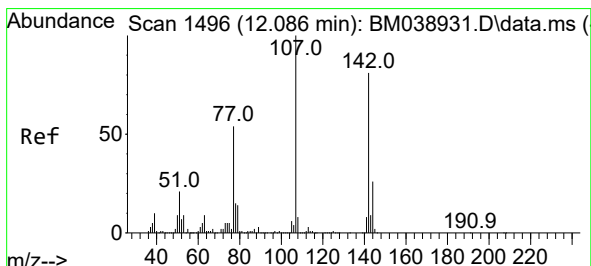
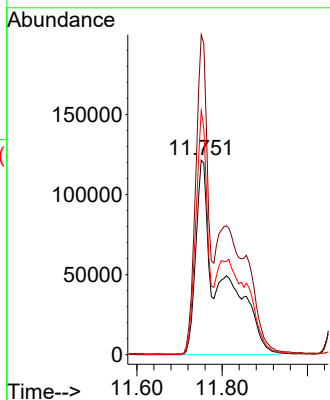
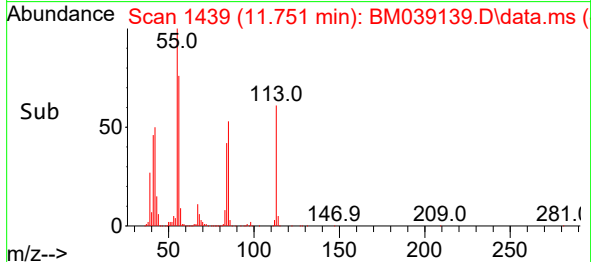
Instrument :
BNA_M
ClientSampleId :
PB151460BS



Tgt Ion:113 Resp: 49595
Ion Ratio Lower Upper
113 100
55 164.5 147.0 187.0
56 125.4 105.1 145.1

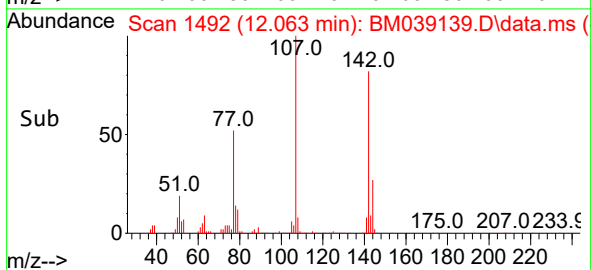
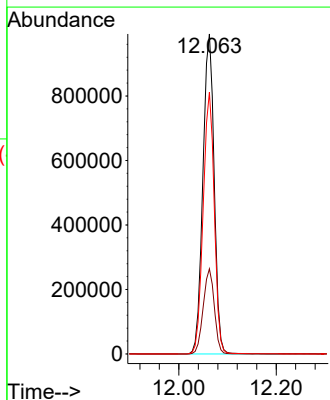
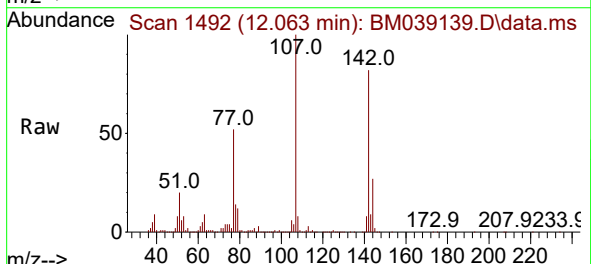
Manual Integrations
APPROVED

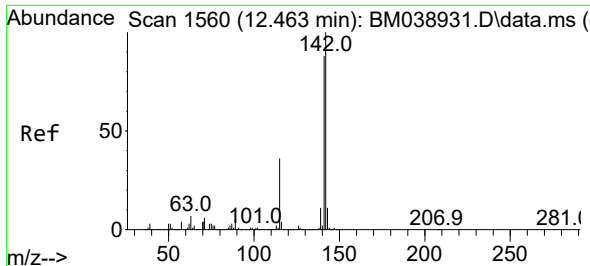
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#36
4-Chloro-3-methylphenol
Concen: 53.480 ng
RT: 12.063 min Scan# 1492
Delta R.T. 0.006 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

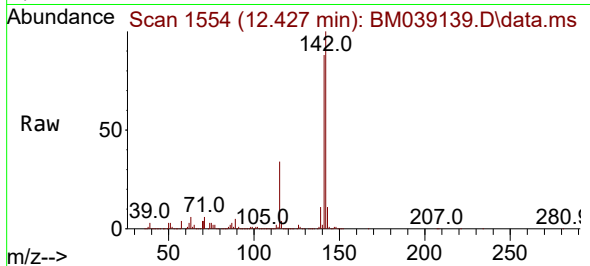
Tgt Ion:107 Resp: 1588423
Ion Ratio Lower Upper
107 100
144 26.6 20.7 31.1
142 81.8 64.6 97.0





#37
2-Methylnaphthalene
Concen: 45.104 ng
RT: 12.427 min Scan# 1554
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

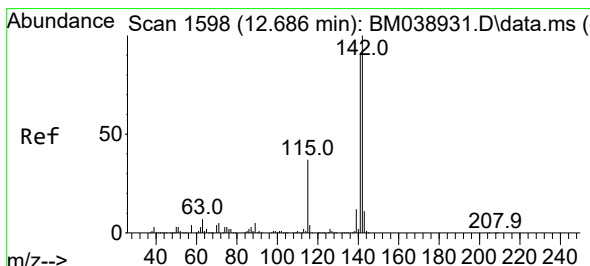
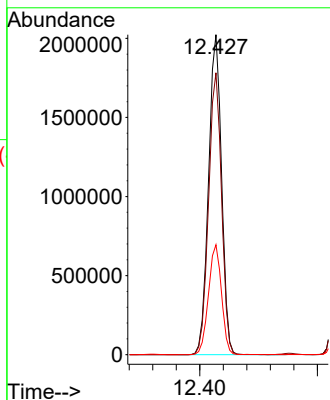
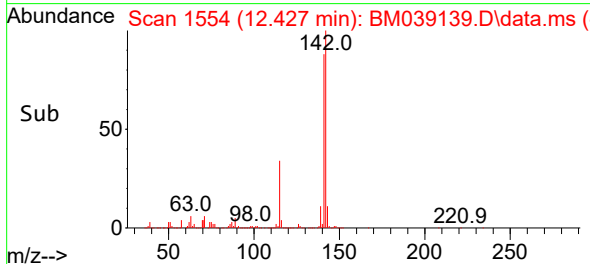
Instrument :
BNA_M
ClientSampleId :
PB151460BS



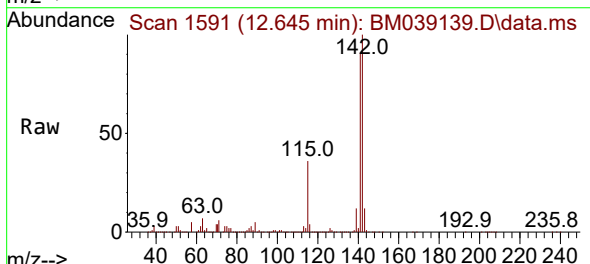
Tgt Ion:142 Resp: 3106908
Ion Ratio Lower Upper
142 100
141 88.1 70.6 106.0
115 34.3 28.5 42.7

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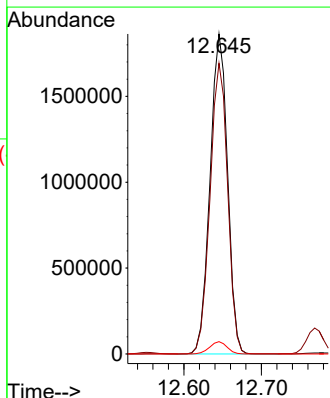
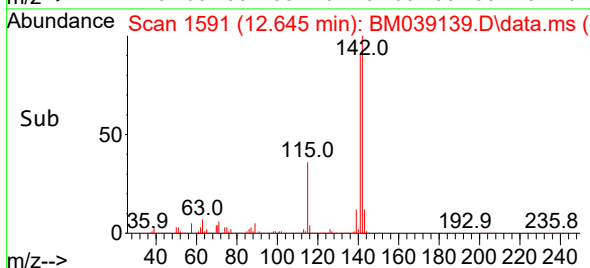
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

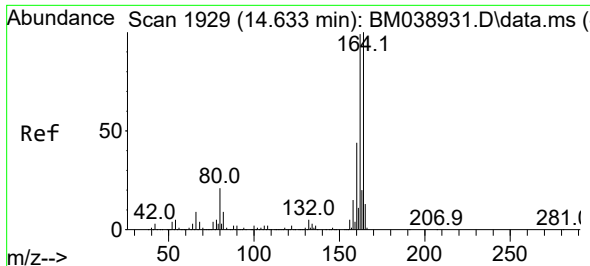


#38
1-Methylnaphthalene
Concen: 45.201 ng
RT: 12.645 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17



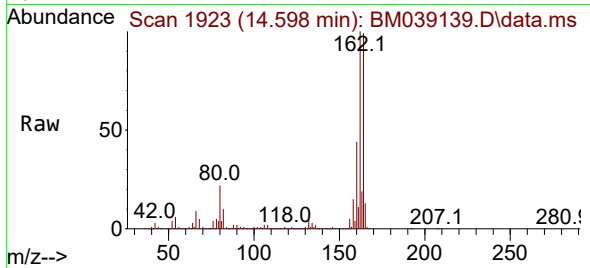
Tgt Ion:142 Resp: 2917824
Ion Ratio Lower Upper
142 100
141 90.9 72.8 109.2
116 3.9 3.0 4.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 14
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

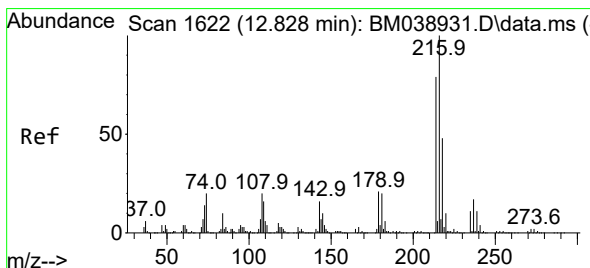
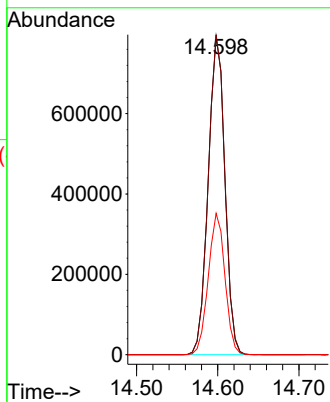
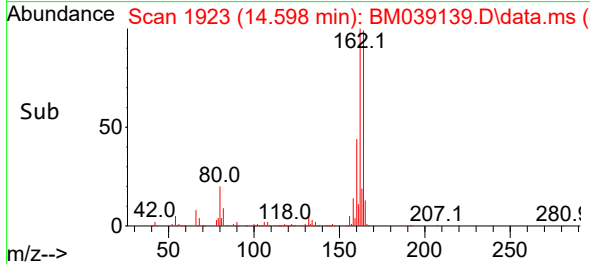
Instrument :
BNA_M
ClientSampleId :
PB151460BS



Tgt Ion:164 Resp: 1128149
Ion Ratio Lower Upper
164 100
162 100.6 79.2 118.8
160 44.4 35.5 53.3

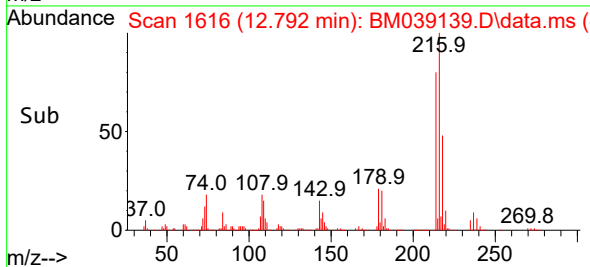
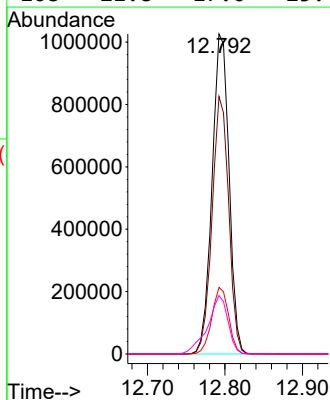
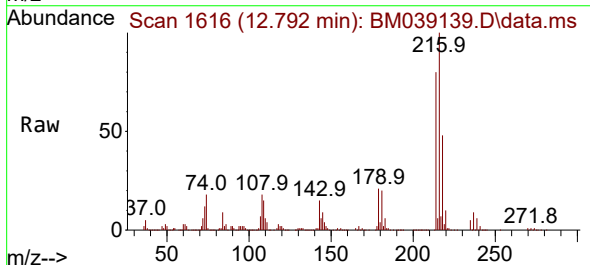
Manual Integrations
APPROVED

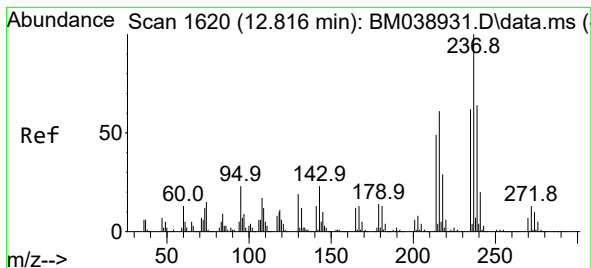
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.476 ng
RT: 12.792 min Scan# 1616
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

Tgt Ion:216 Resp: 1557848
Ion Ratio Lower Upper
216 100
214 78.9 63.0 94.4
179 20.6 16.8 25.2
108 21.8 17.0 25.4





#41

Hexachlorocyclopentadiene

Concen: 90.260 ng

RT: 12.769 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039139.D

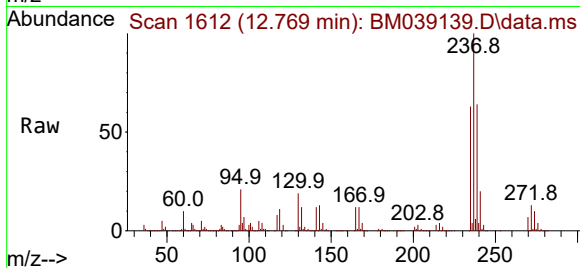
Acq: 24 Mar 2023 13:17

Instrument :

BNA_M

ClientSampleId :

PB151460BS



Tgt Ion:237 Resp: 181706

Ion Ratio Lower Upper

237 100

235 63.3 41.7 81.7

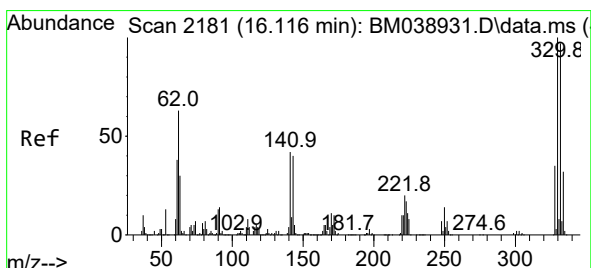
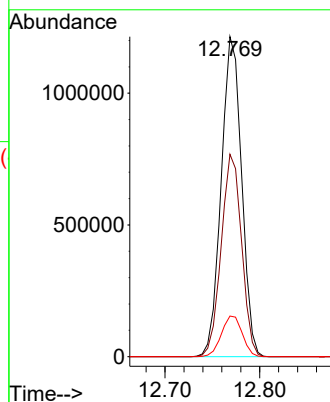
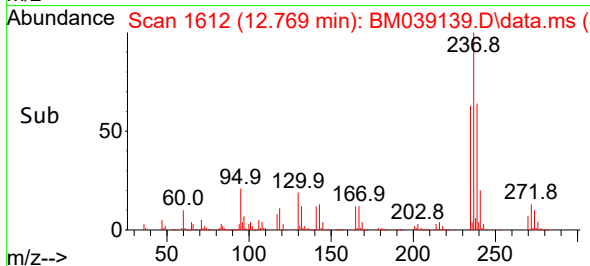
272 12.7 0.0 33.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/27/2023

Supervised By :Jagrut Upadhyay 03/27/2023



#42

2,4,6-Tribromophenol

Concen: 112.711 ng

RT: 16.092 min Scan# 2177

Delta R.T. 0.006 min

Lab File: BM039139.D

Acq: 24 Mar 2023 13:17

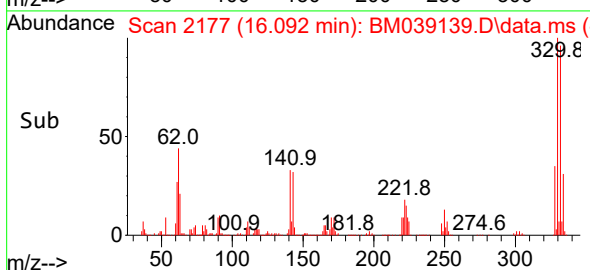
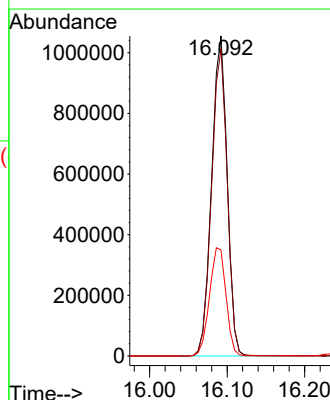
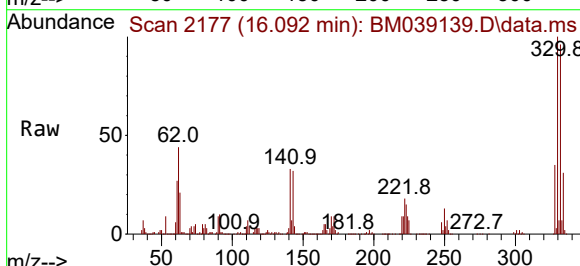
Tgt Ion:330 Resp: 1470976

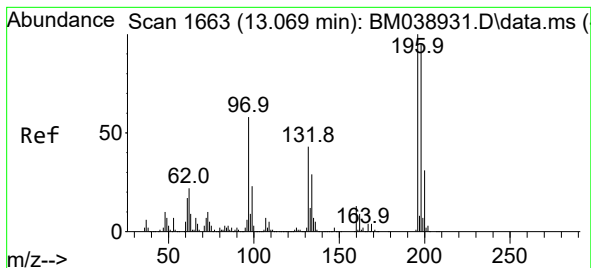
Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.0

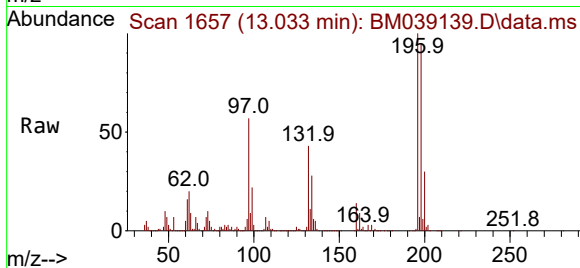
141 36.0 32.2 48.4





#43
2,4,6-Trichlorophenol
Concen: 49.093 ng
RT: 13.033 min Scan# 1657
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

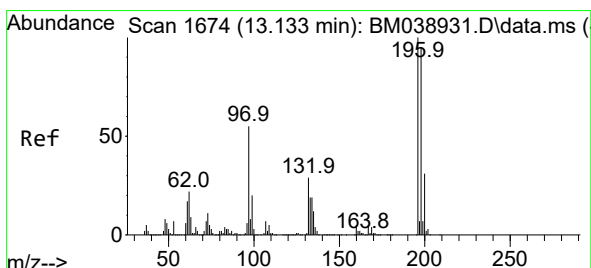
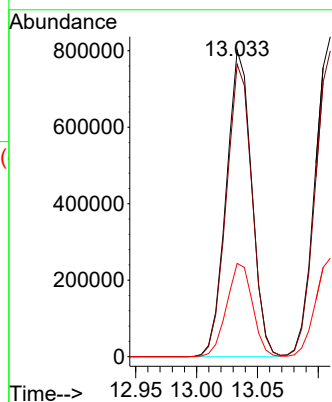
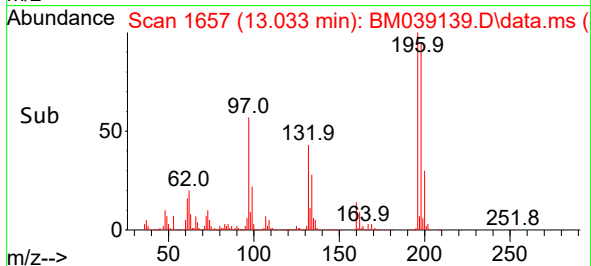
Instrument :
BNA_M
ClientSampleId :
PB151460BS



Tgt Ion:196 Resp: 1165932
Ion Ratio Lower Upper
196 100
198 95.4 75.8 113.8
200 30.4 25.0 37.4

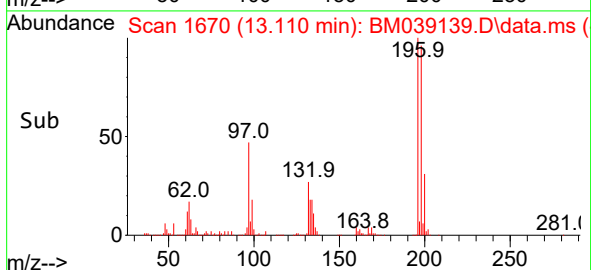
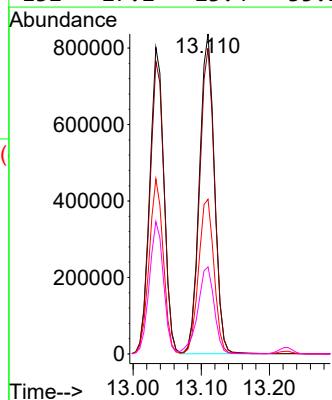
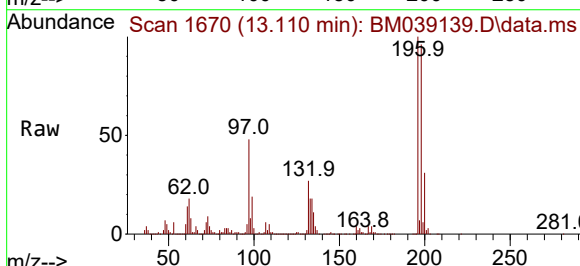
Manual Integrations
APPROVED

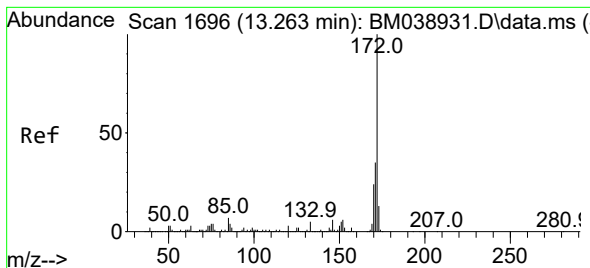
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#44
2,4,5-Trichlorophenol
Concen: 46.058 ng
RT: 13.110 min Scan# 1670
Delta R.T. 0.006 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

Tgt Ion:196 Resp: 1280357
Ion Ratio Lower Upper
196 100
198 95.5 76.3 114.5
97 48.3 44.2 66.4
132 27.2 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 63.904 ng
RT: 13.227 min Scan# 1696
Delta R.T. 0.006 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

Instrument :

BNA_M

ClientSampleId :

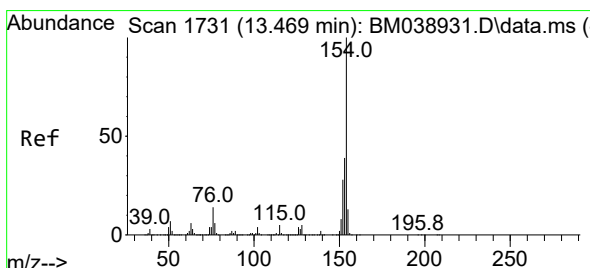
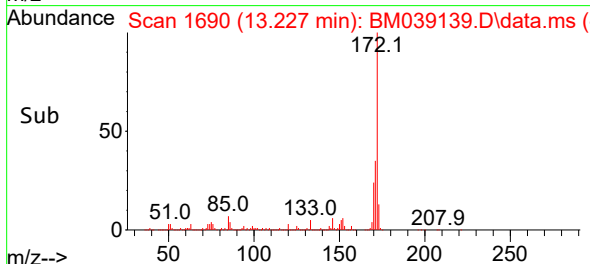
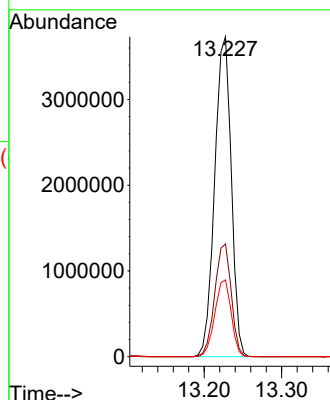
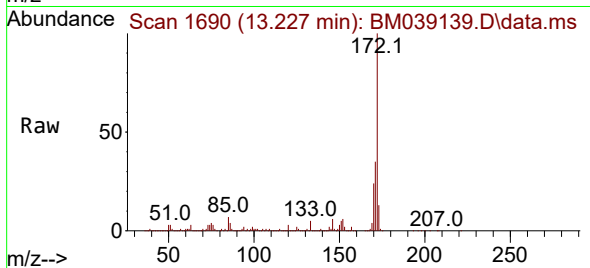
PB151460BS

Tgt Ion:172 Resp: 5537962
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 24.0 19.1 28.7

Manual Integrations

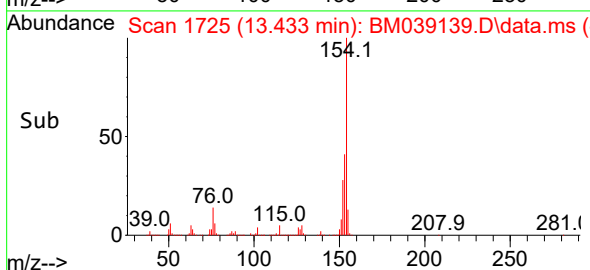
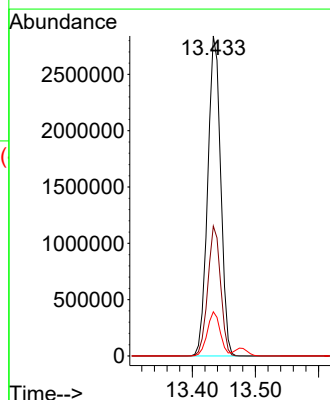
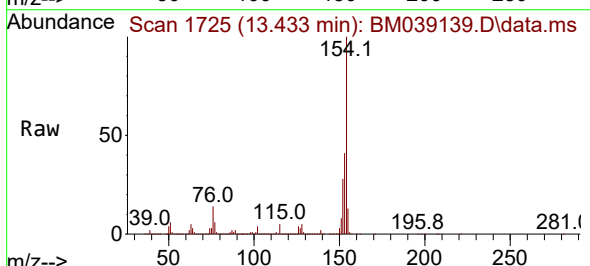
APPROVED

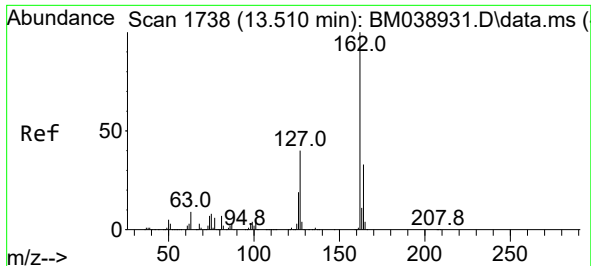
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#46
1,1'-Biphenyl
Concen: 42.418 ng
RT: 13.433 min Scan# 1725
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

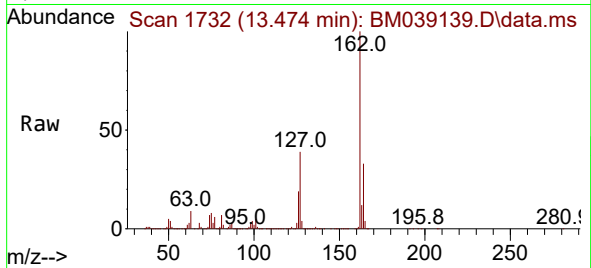
Tgt Ion:154 Resp: 4054034
Ion Ratio Lower Upper
154 100
153 40.6 19.3 59.3
76 13.8 0.0 34.0





#47
2-Chloronaphthalene
Concen: 43.777 ng
RT: 13.474 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

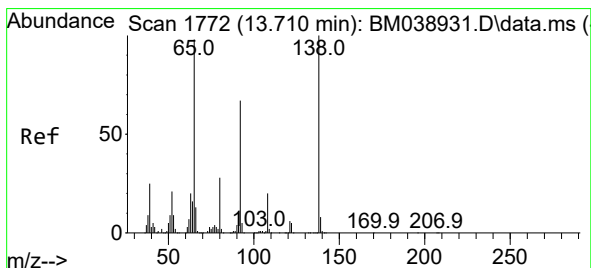
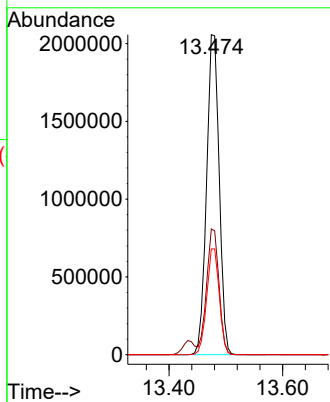
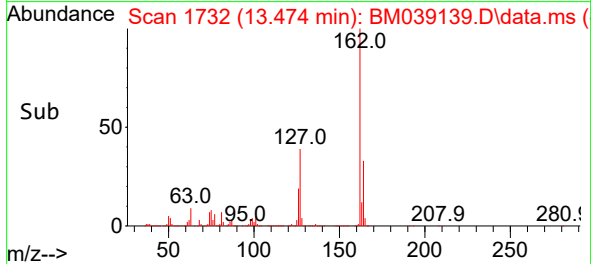
Instrument :
BNA_M
ClientSampleId :
PB151460BS



Tgt Ion:162 Resp: 315498
Ion Ratio Lower Upper
162 100
127 39.3 32.1 48.1
164 33.0 26.2 39.4

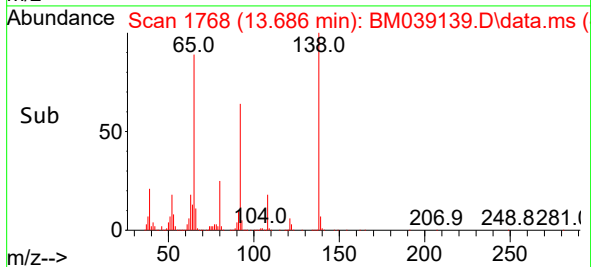
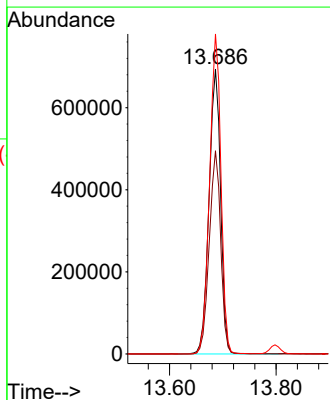
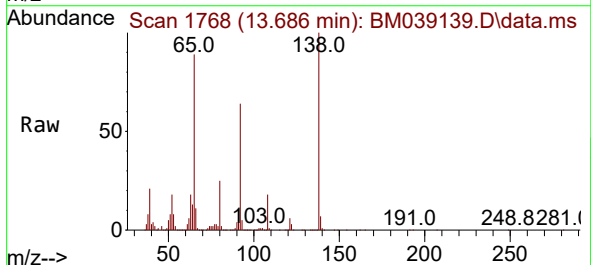
Manual Integrations
APPROVED

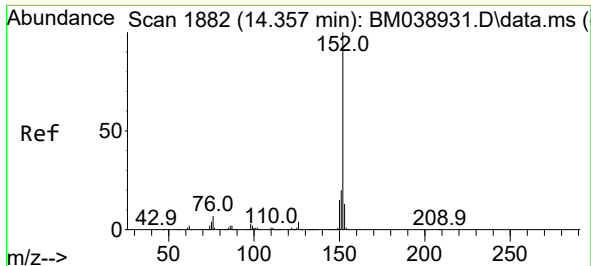
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#48
2-Nitroaniline
Concen: 45.472 ng
RT: 13.686 min Scan# 1768
Delta R.T. 0.006 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

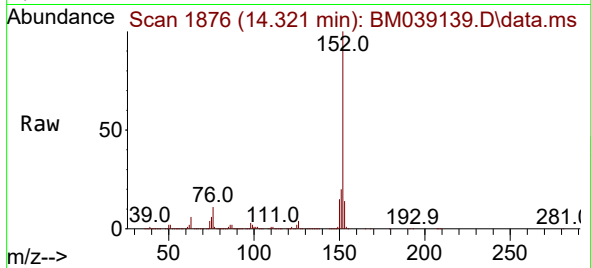
Tgt Ion: 65 Resp: 1046418
Ion Ratio Lower Upper
65 100
92 71.3 54.9 82.3
138 112.3 81.6 122.4





#49
Acenaphthylene
Concen: 43.971 ng
RT: 14.321 min Scan# 1876
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

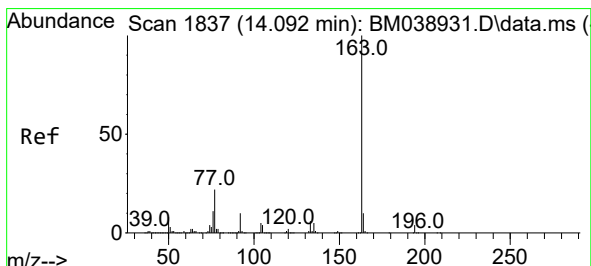
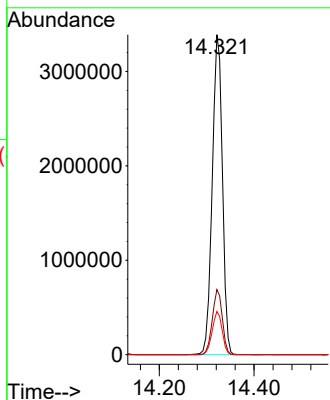
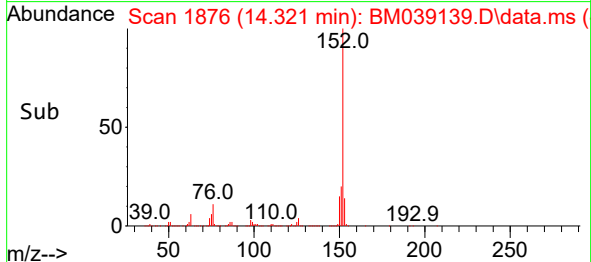
Instrument :
BNA_M
ClientSampleId :
PB151460BS



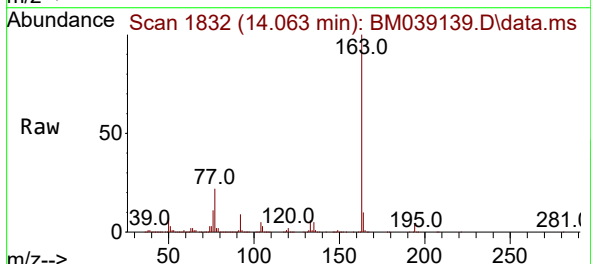
Tgt Ion:152 Resp: 504770
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.8
153 13.5 10.4 15.6

Manual Integrations
APPROVED

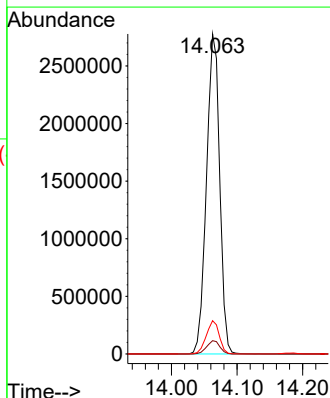
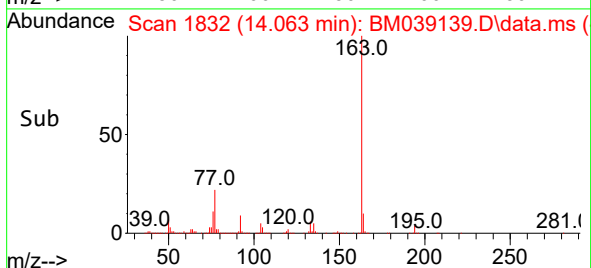
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

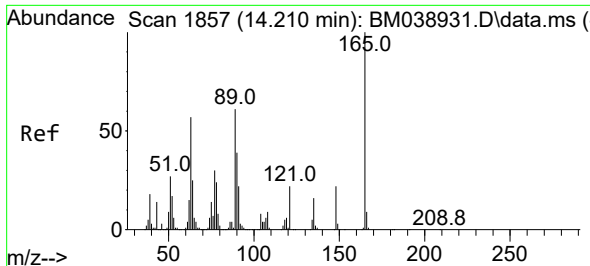


#50
Dimethylphthalate
Concen: 44.775 ng
RT: 14.063 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17



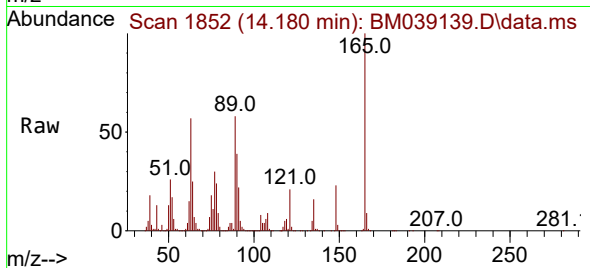
Tgt Ion:163 Resp: 3886954
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.4 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 46.155 ng
RT: 14.180 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

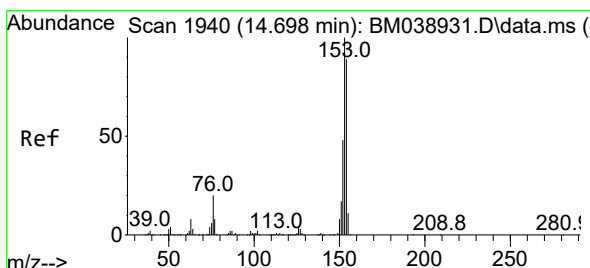
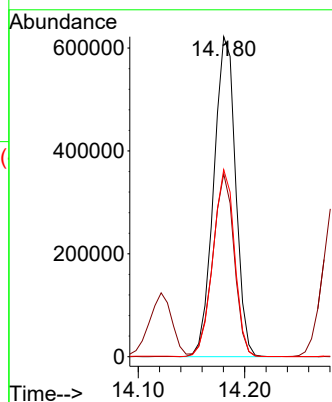
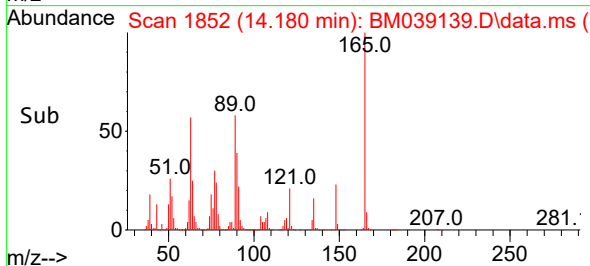
Instrument :
BNA_M
ClientSampleId :
PB151460BS



Tgt Ion:165 Resp: 88511
Ion Ratio Lower Upper
165 100
63 57.1 46.6 70.0
89 58.4 48.6 73.0

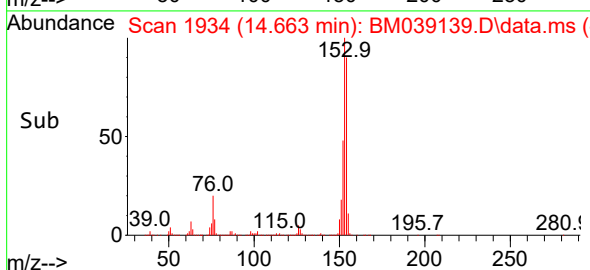
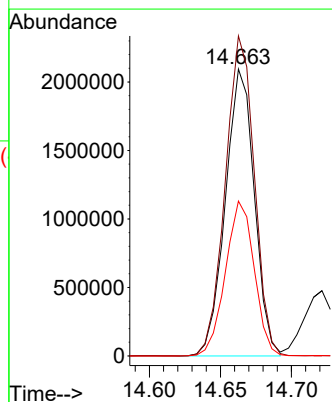
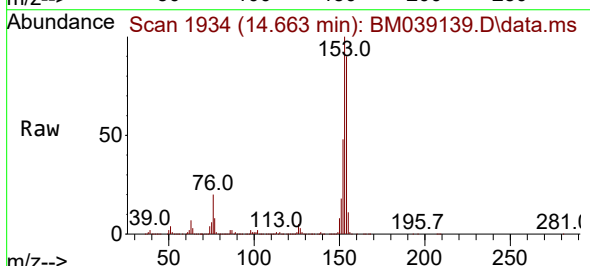
Manual Integrations
APPROVED

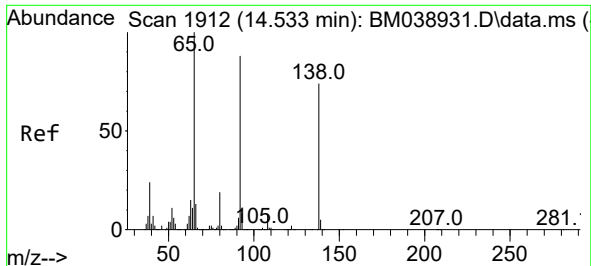
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#52
Acenaphthene
Concen: 42.153 ng
RT: 14.663 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

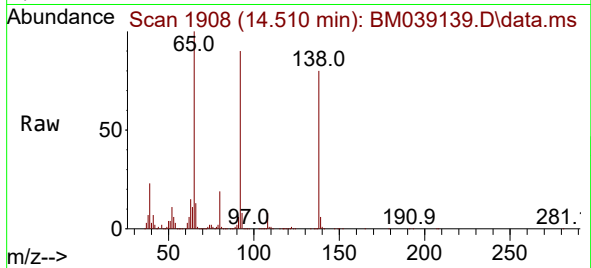
Tgt Ion:154 Resp: 2973860
Ion Ratio Lower Upper
154 100
153 111.6 90.2 135.2
152 54.0 43.4 65.2





#53
3-Nitroaniline
Concen: 32.819 ng
RT: 14.510 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

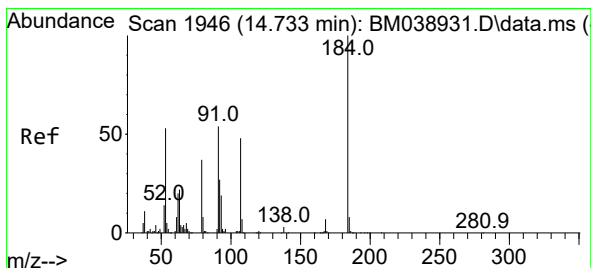
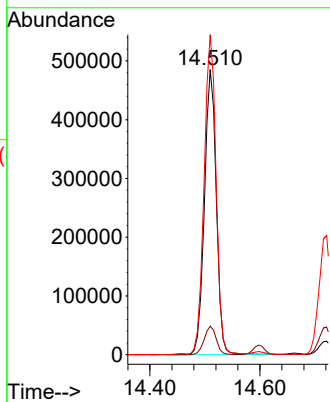
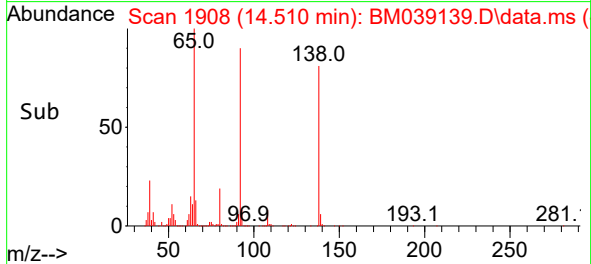
Instrument :
BNA_M
ClientSampleId :
PB151460BS



Tgt Ion:138 Resp: 724900
Ion Ratio Lower Upper
138 100
108 10.0 8.3 12.5
92 112.3 95.8 143.8

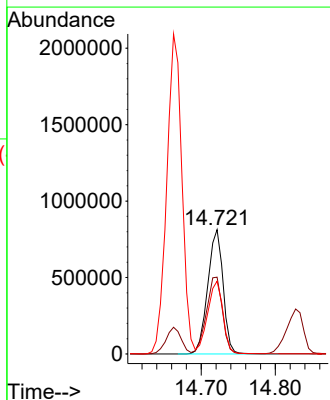
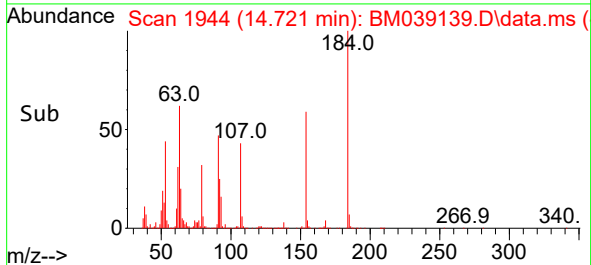
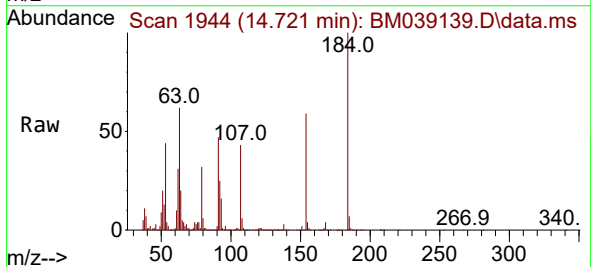
Manual Integrations
APPROVED

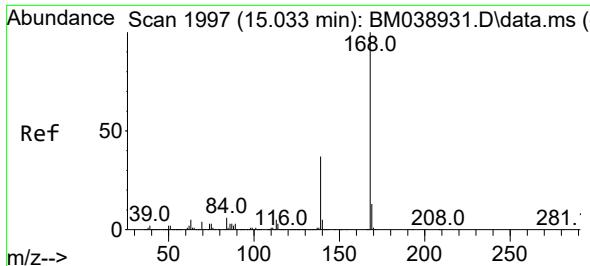
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#54
2,4-Dinitrophenol
Concen: 104.441 ng
RT: 14.721 min Scan# 1944
Delta R.T. 0.006 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

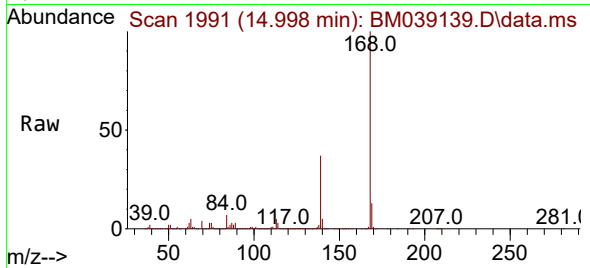
Tgt Ion:184 Resp: 1171196
Ion Ratio Lower Upper
184 100
63 61.8 60.6 90.8
154 58.6 51.4 77.2





#55
Dibenzenofuran
Concen: 42.219 ng
RT: 14.998 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

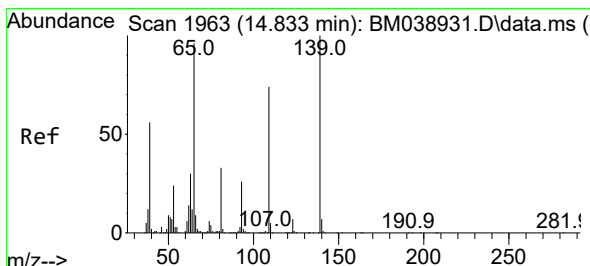
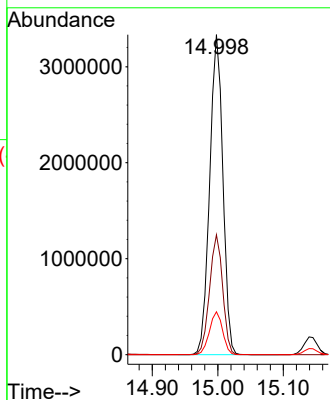
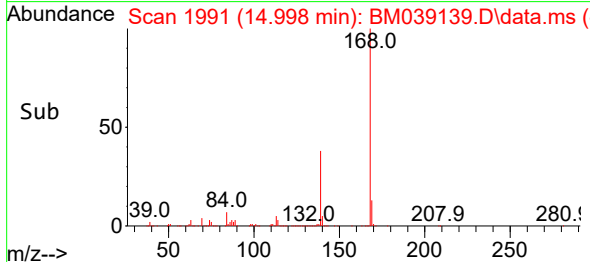
Instrument :
BNA_M
ClientSampleId :
PB151460BS



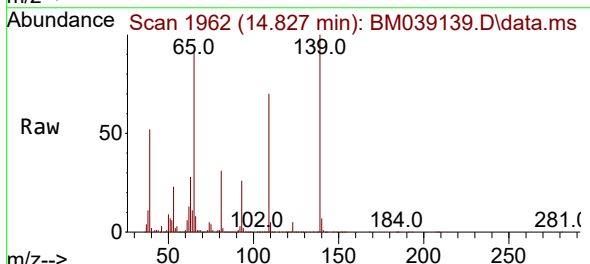
Tgt Ion:168 Resp: 466095
Ion Ratio Lower Upper
168 100
139 37.5 29.9 44.9
169 13.4 10.7 16.1

Manual Integrations
APPROVED

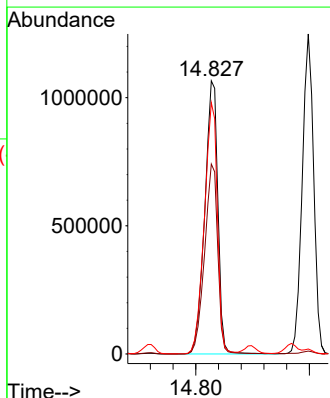
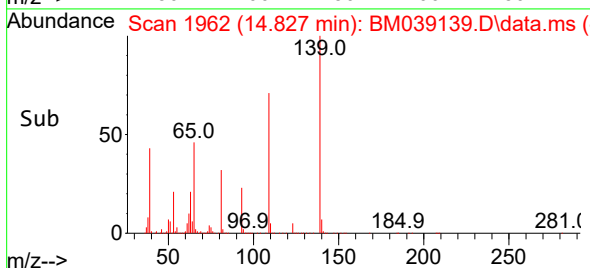
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

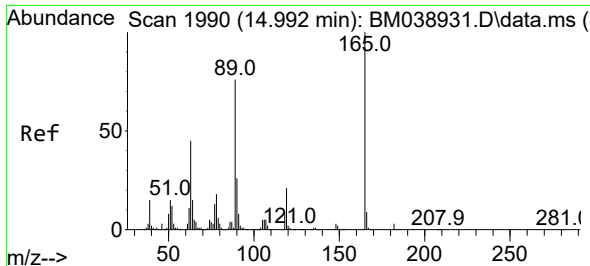


#56
4-Nitrophenol
Concen: 98.724 ng
RT: 14.827 min Scan# 1962
Delta R.T. 0.012 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17



Tgt Ion:139 Resp: 1702080
Ion Ratio Lower Upper
139 100
109 69.5 53.5 93.5
65 92.0 76.4 116.4





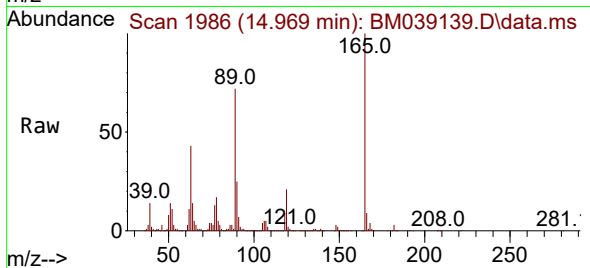
#57
2,4-Dinitrotoluene
Concen: 48.105 ng
RT: 14.969 min Scan# 1990
Delta R.T. 0.006 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

Instrument :

BNA_M

ClientSampleId :

PB151460BS

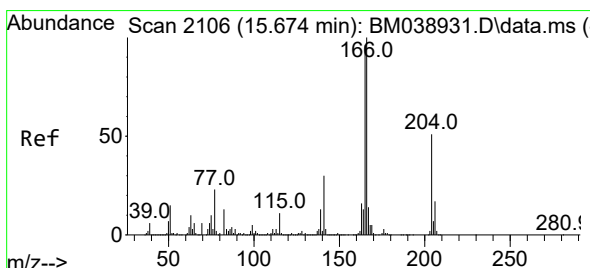
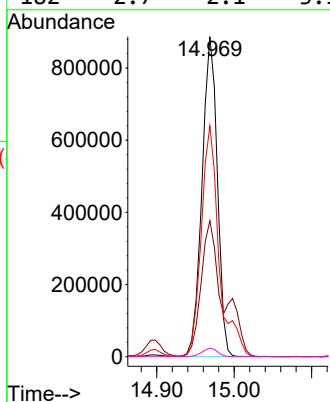
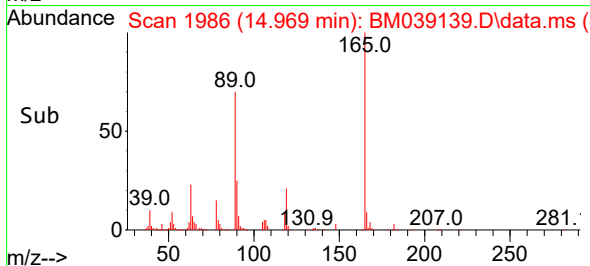


Tgt Ion:165 Resp: 121551
Ion Ratio Lower Upper
165 100
63 42.5 35.9 53.9
89 72.1 61.0 91.6
182 2.7 2.1 3.1

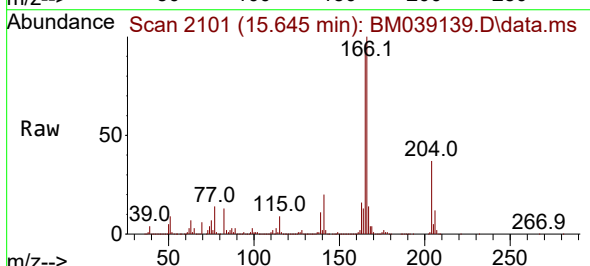
Manual Integrations

APPROVED

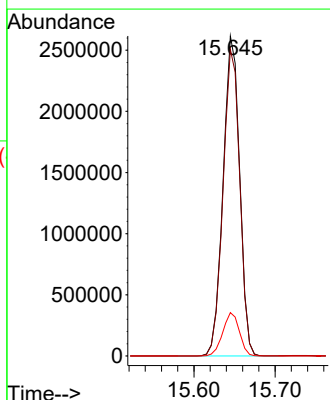
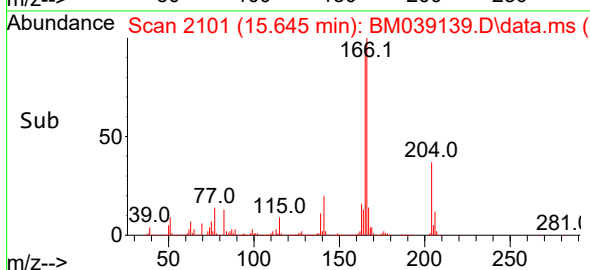
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

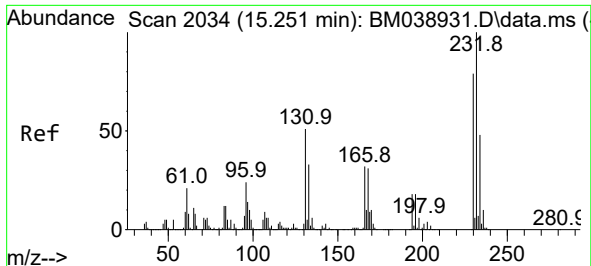


#58
Fluorene
Concen: 42.892 ng
RT: 15.645 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17



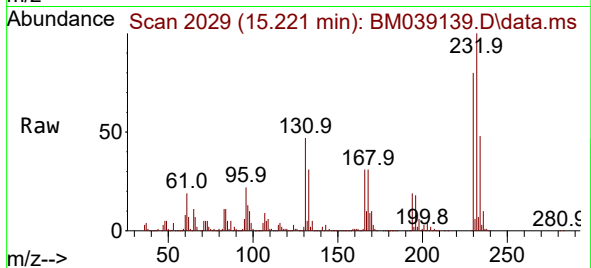
Tgt Ion:166 Resp: 3709283
Ion Ratio Lower Upper
166 100
165 95.8 77.1 115.7
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.899 ng
RT: 15.221 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

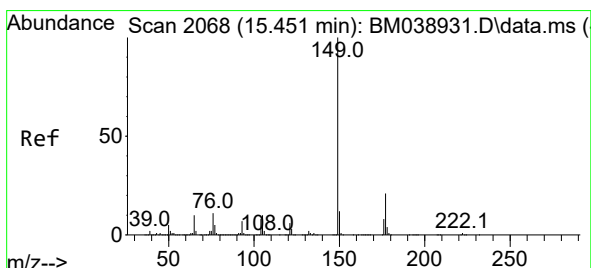
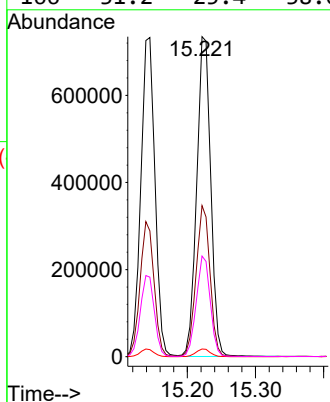
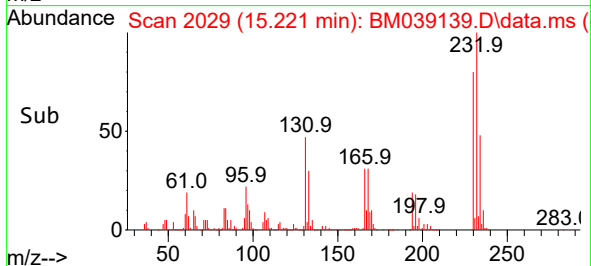
Instrument :
BNA_M
ClientSampleId :
PB151460BS



Tgt Ion:232 Resp: 104834
Ion Ratio Lower Upper
232 100
131 46.7 40.0 60.0
130 2.5 2.0 3.0
166 31.2 25.4 38.0

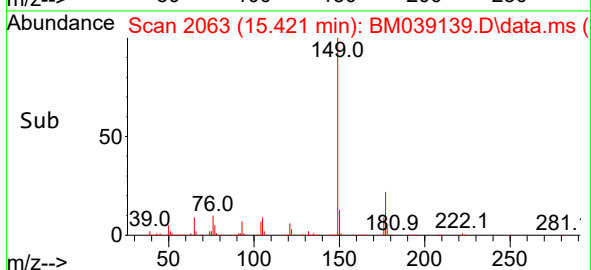
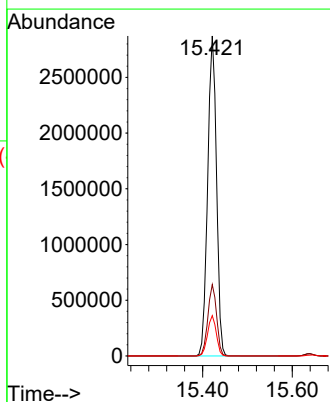
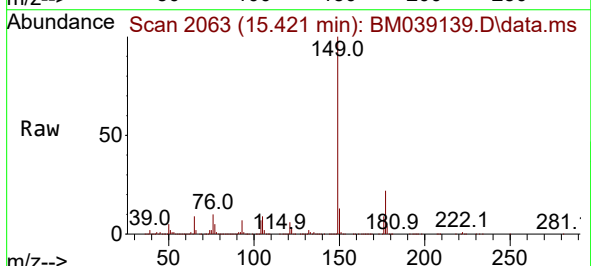
Manual Integrations
APPROVED

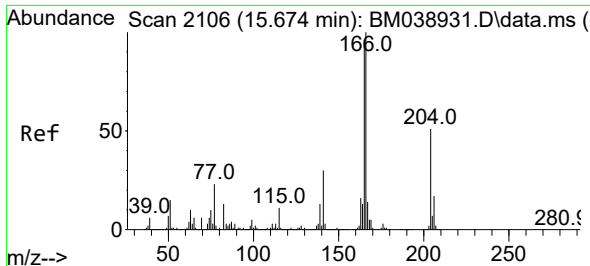
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#60
Diethylphthalate
Concen: 46.321 ng
RT: 15.421 min Scan# 2063
Delta R.T. 0.006 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

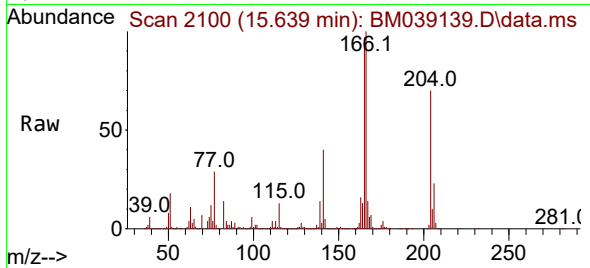
Tgt Ion:149 Resp: 3912593
Ion Ratio Lower Upper
149 100
177 22.3 17.1 25.7
150 12.6 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 42.838 ng
RT: 15.639 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

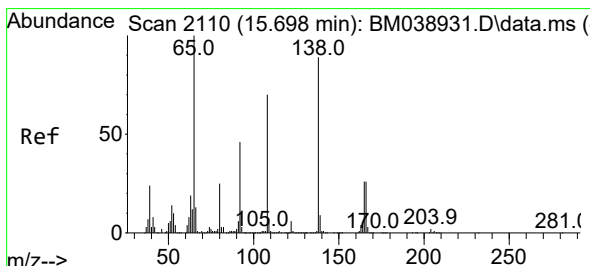
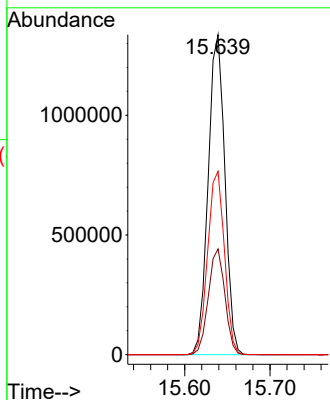
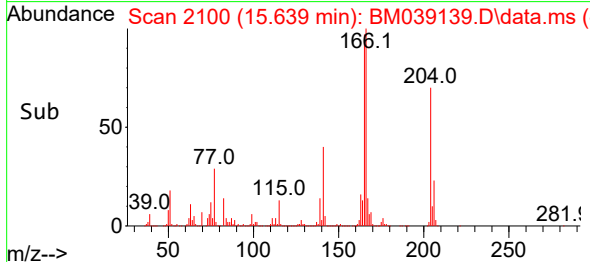
Instrument :
BNA_M
ClientSampleId :
PB151460BS



Tgt Ion:204 Resp: 181994
Ion Ratio Lower Upper
204 100
206 33.0 26.4 39.6
141 57.3 46.4 69.6

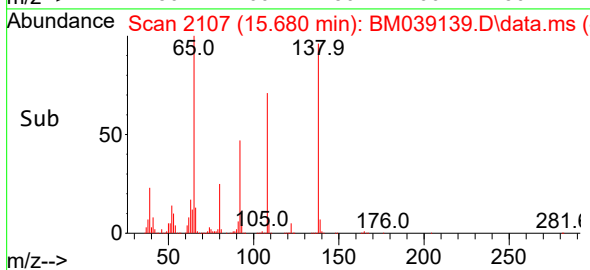
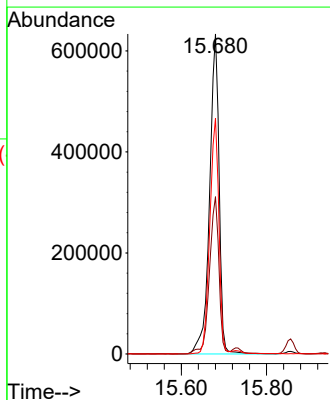
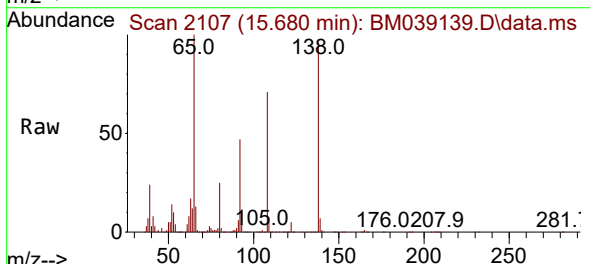
Manual Integrations
APPROVED

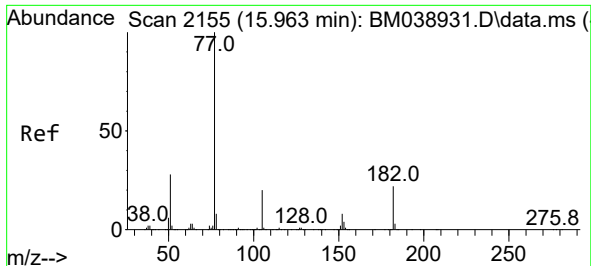
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#62
4-Nitroaniline
Concen: 43.318 ng
RT: 15.680 min Scan# 2107
Delta R.T. 0.006 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

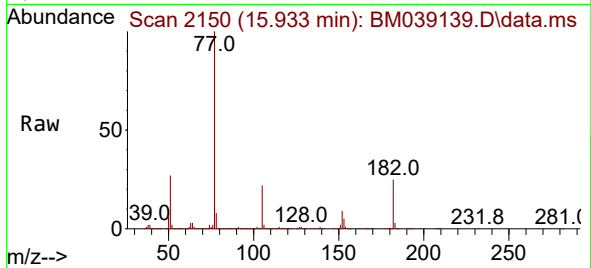
Tgt Ion:138 Resp: 985493
Ion Ratio Lower Upper
138 100
92 49.1 31.6 71.6
108 73.7 58.6 98.6





#63
Azobenzene
Concen: 43.652 ng
RT: 15.933 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

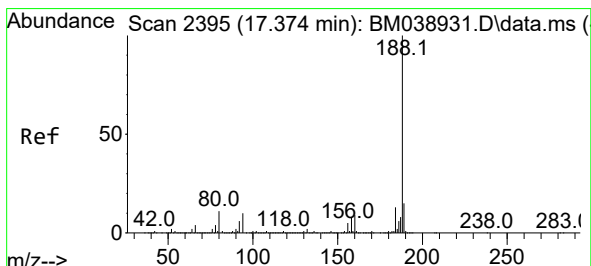
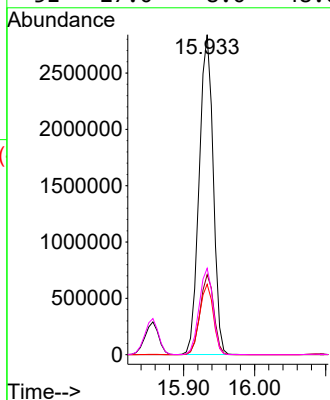
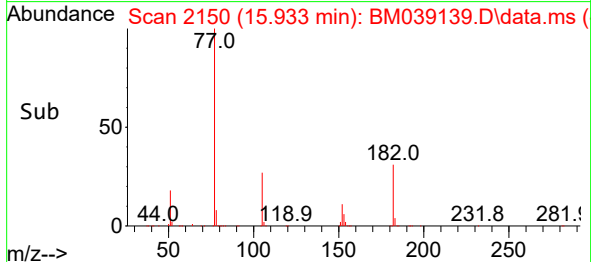
Instrument :
BNA_M
ClientSampleId :
PB151460BS



Tgt Ion: 77 Resp: 3901414
Ion Ratio Lower Upper
77 100
182 25.0 2.0 42.0
105 22.0 0.4 40.4
51 27.0 8.0 48.0

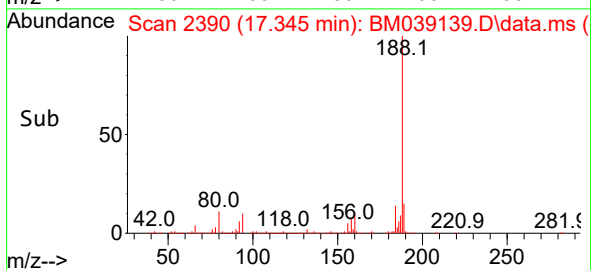
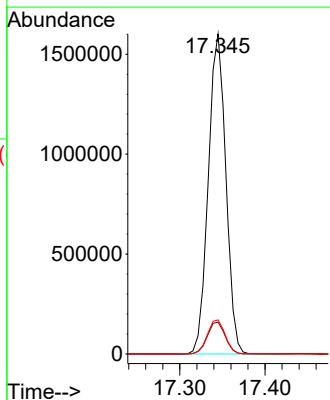
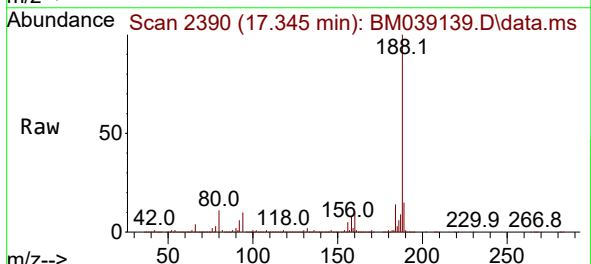
Manual Integrations
APPROVED

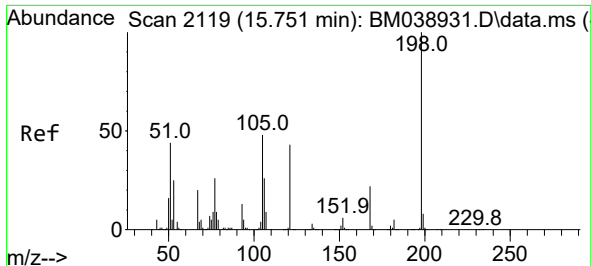
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.345 min Scan# 2390
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

Tgt Ion:188 Resp: 2293060
Ion Ratio Lower Upper
188 100
94 10.0 7.9 11.9
80 10.6 8.5 12.7





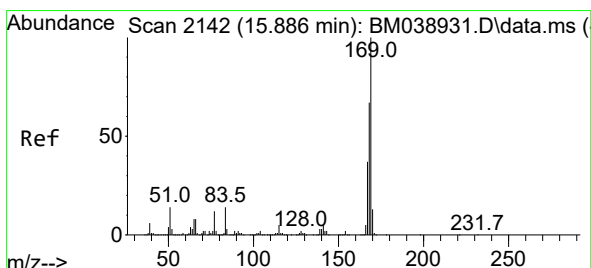
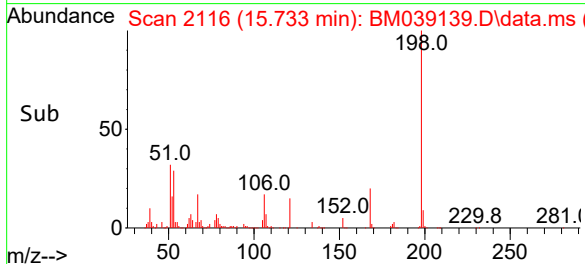
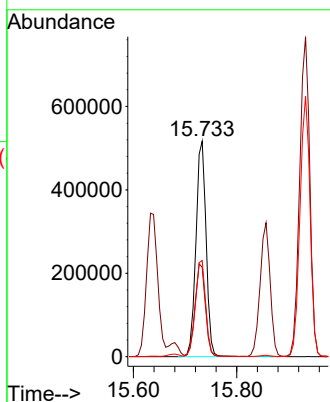
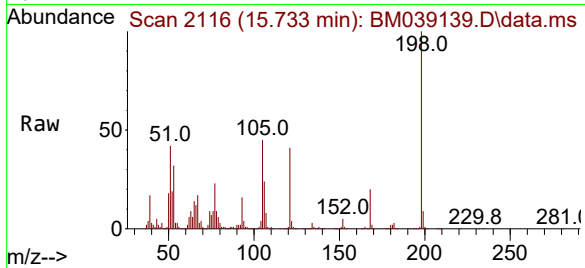
#65
4,6-Dinitro-2-methylphenol
Concen: 46.844 ng
RT: 15.733 min Scan# 2119
Delta R.T. 0.006 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

Instrument :
BNA_M
ClientSampleId :
PB151460BS

Tgt Ion:198 Resp: 703852
Ion Ratio Lower Upper
198 100
51 41.5 30.1 70.1
105 44.6 29.3 69.3

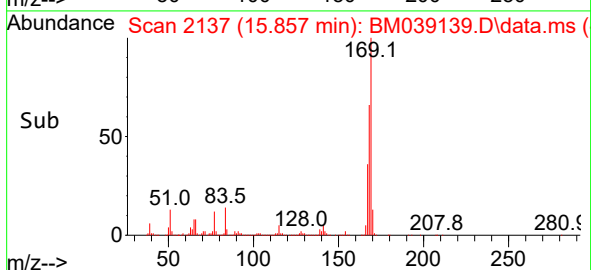
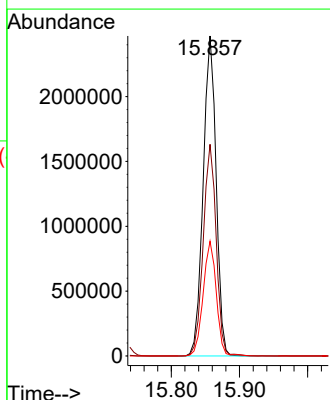
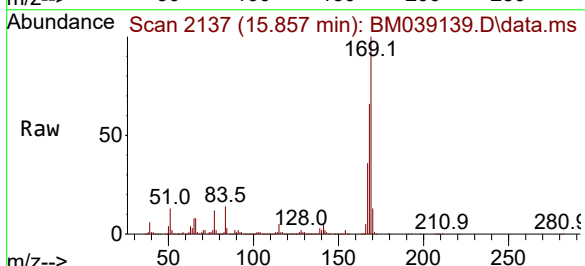
Manual Integrations
APPROVED

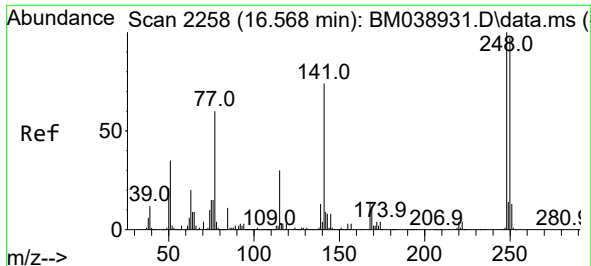
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#66
n-Nitrosodiphenylamine
Concen: 42.237 ng
RT: 15.857 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

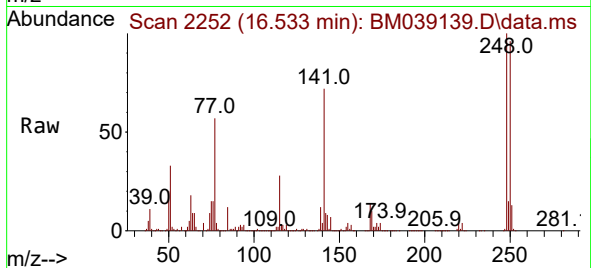
Tgt Ion:169 Resp: 3265070
Ion Ratio Lower Upper
169 100
168 66.1 53.4 80.0
167 35.8 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 44.691 ng
RT: 16.533 min Scan# 211
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

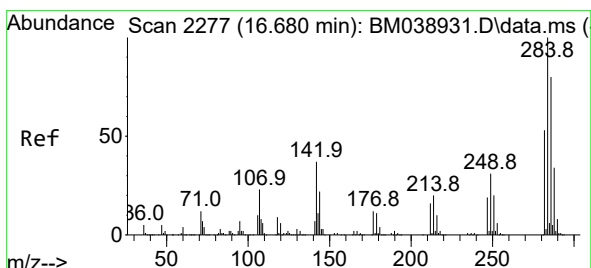
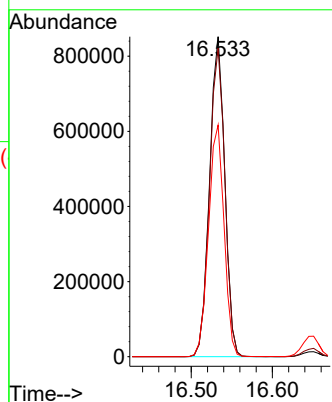
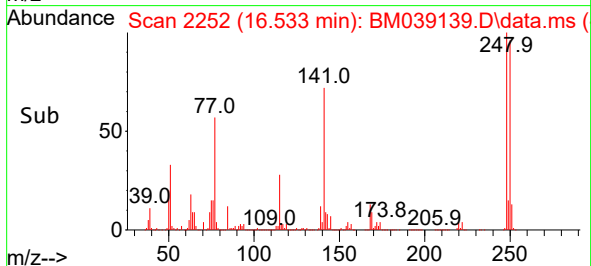
Instrument :
BNA_M
ClientSampleId :
PB151460BS



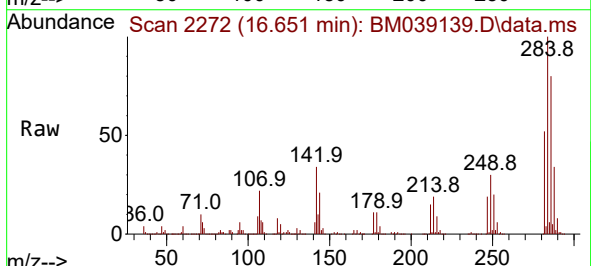
Tgt Ion:248 Resp: 110687
Ion Ratio Lower Upper
248 100
250 96.4 77.8 116.8
141 72.4 59.0 88.4

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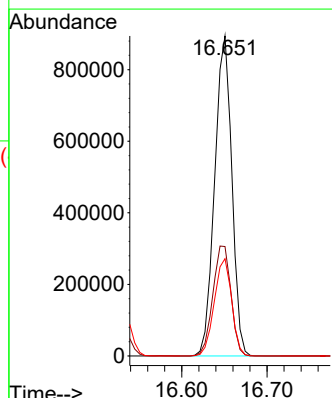
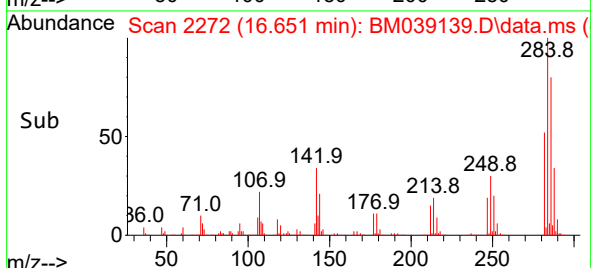
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

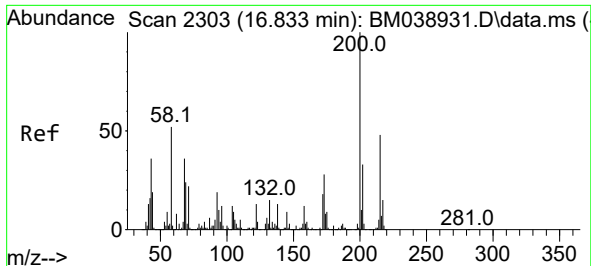


#68
Hexachlorobenzene
Concen: 45.125 ng
RT: 16.651 min Scan# 2272
Delta R.T. 0.006 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17



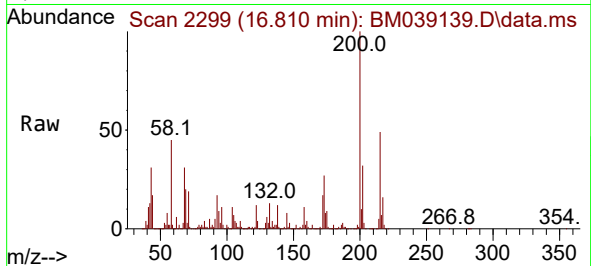
Tgt Ion:284 Resp: 1249396
Ion Ratio Lower Upper
284 100
142 34.2 29.5 44.3
249 30.4 25.0 37.4





#69
 Atrazine
 Concen: 52.251 ng
 RT: 16.810 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM039139.D
 Acq: 24 Mar 2023 13:17

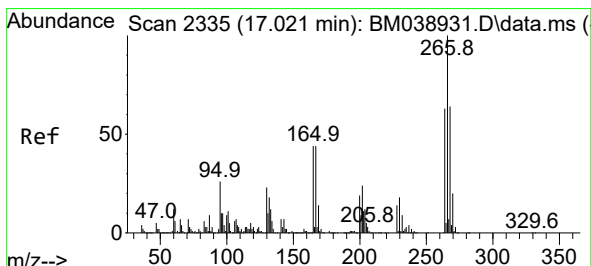
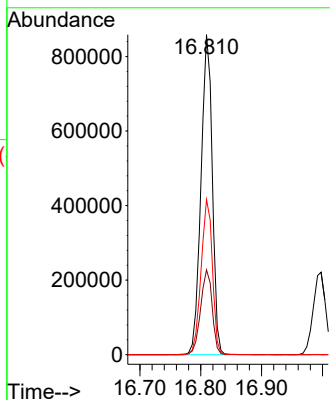
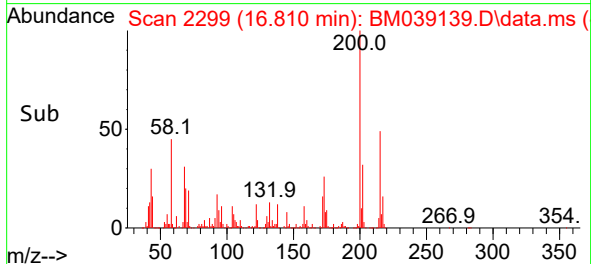
Instrument :
 BNA_M
 ClientSampleId :
 PB151460BS



Tgt Ion:200 Resp: 110329
 Ion Ratio Lower Upper
 200 100
 173 26.5 8.2 48.2
 215 48.5 27.8 67.8

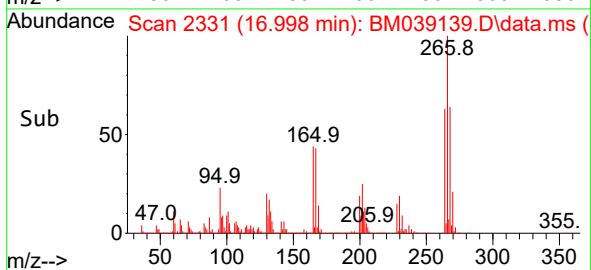
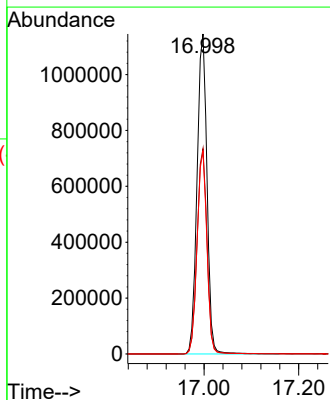
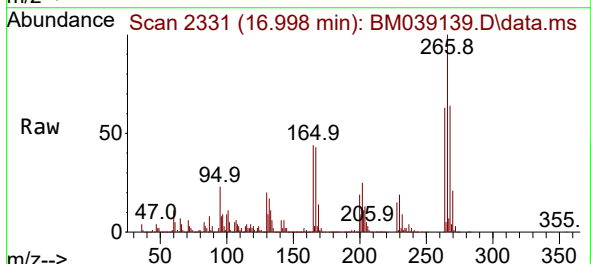
Manual Integrations
 APPROVED

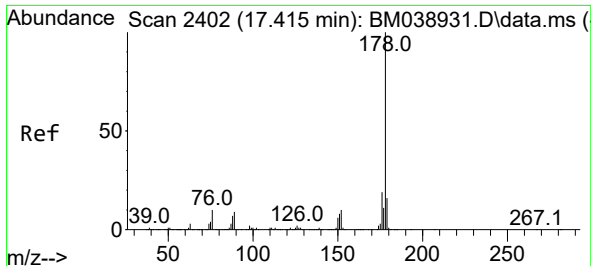
Reviewed By :Christian Giraldo 03/27/2023
 Supervised By :Jagrut Upadhyay 03/27/2023



#70
 Pentachlorophenol
 Concen: 81.990 ng
 RT: 16.998 min Scan# 2331
 Delta R.T. 0.006 min
 Lab File: BM039139.D
 Acq: 24 Mar 2023 13:17

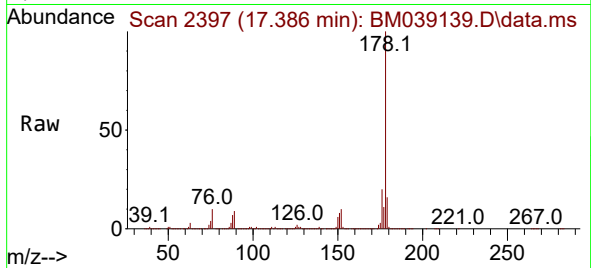
Tgt Ion:266 Resp: 1669675
 Ion Ratio Lower Upper
 266 100
 268 64.2 51.0 76.4
 264 63.4 50.3 75.5





#71
Phenanthrene
Concen: 41.668 ng
RT: 17.386 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

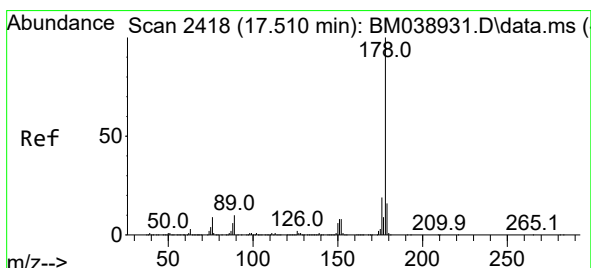
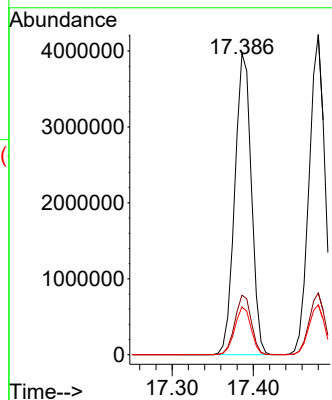
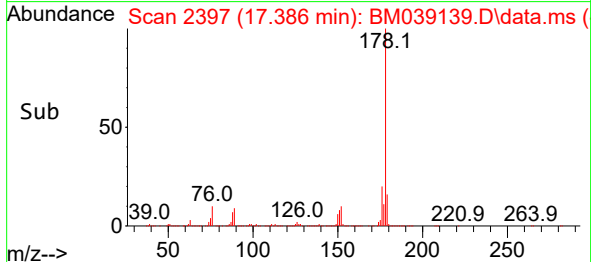
Instrument :
BNA_M
ClientSampleId :
PB151460BS



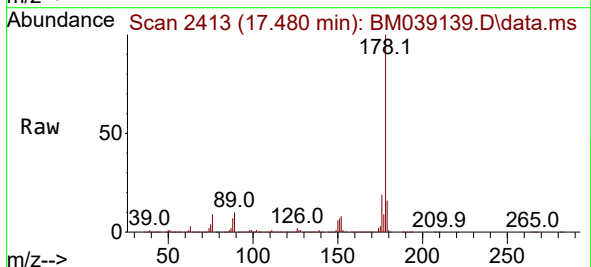
Tgt Ion:178 Resp: 5607710
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 15.8 12.5 18.7

Manual Integrations
APPROVED

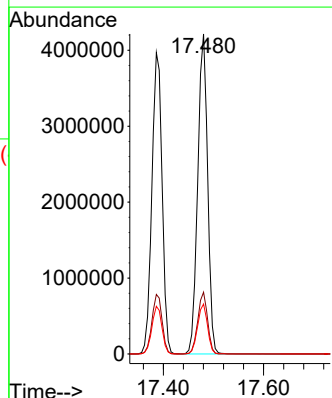
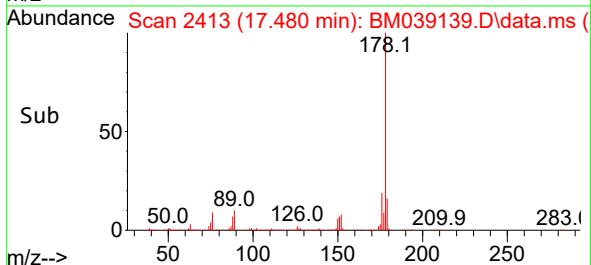
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

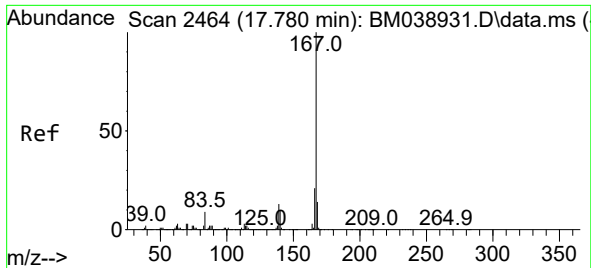


#72
Anthracene
Concen: 42.891 ng
RT: 17.480 min Scan# 2413
Delta R.T. 0.006 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17



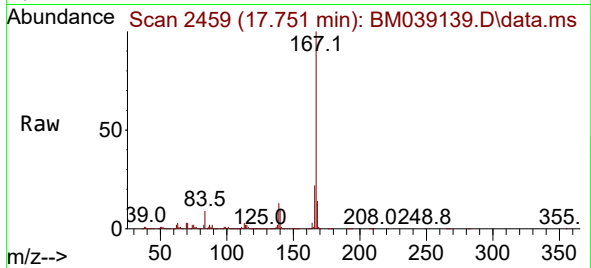
Tgt Ion:178 Resp: 5756469
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.6 12.5 18.7





#73
 Carbazole
 Concen: 43.335 ng
 RT: 17.751 min Scan# 2464
 Delta R.T. 0.000 min
 Lab File: BM039139.D
 Acq: 24 Mar 2023 13:17

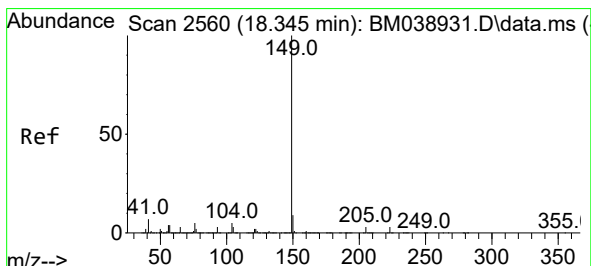
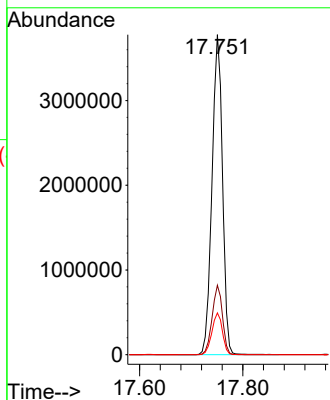
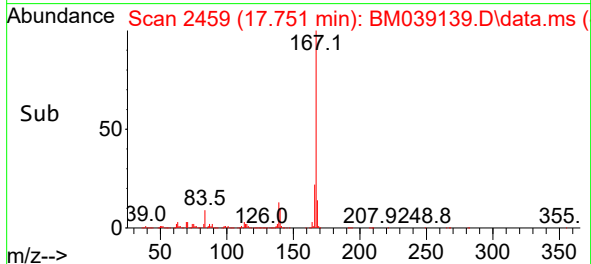
Instrument :
 BNA_M
 ClientSampleId :
 PB151460BS



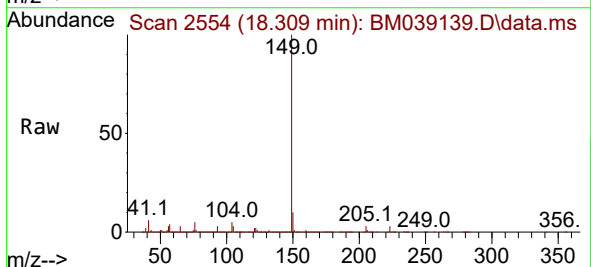
Tgt Ion:167 Resp: 530802
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.4
 139 13.1 10.3 15.5

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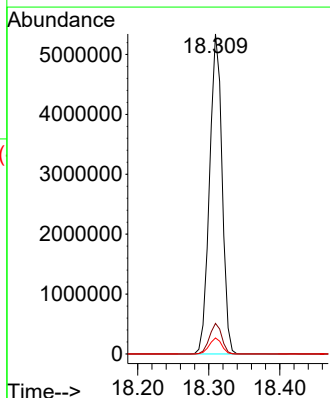
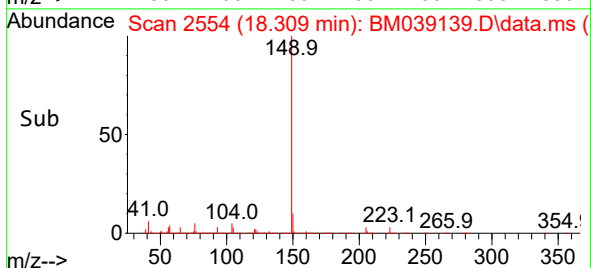
Reviewed By :Christian Giraldo 03/27/2023
 Supervised By :Jagrut Upadhyay 03/27/2023

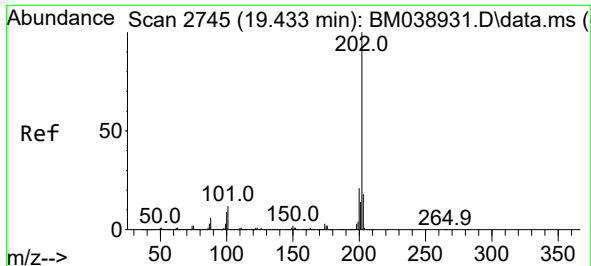


#74
 Di-n-butylphthalate
 Concen: 43.975 ng
 RT: 18.309 min Scan# 2554
 Delta R.T. 0.000 min
 Lab File: BM039139.D
 Acq: 24 Mar 2023 13:17



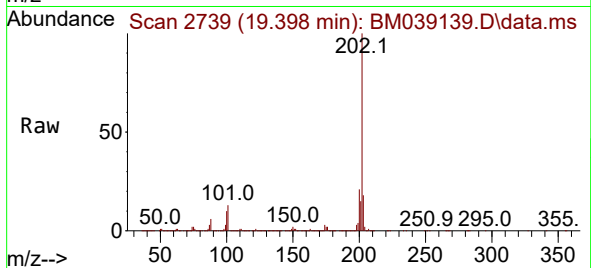
Tgt Ion:149 Resp: 6546454
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.2
 104 5.0 4.3 6.5





#75
Fluoranthene
Concen: 42.322 ng
RT: 19.398 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

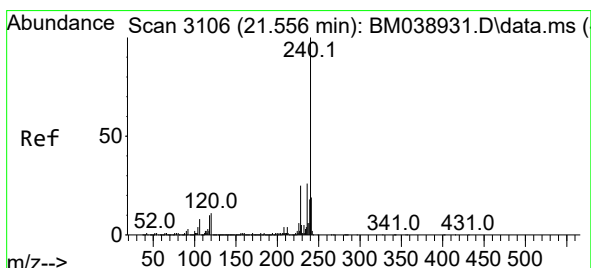
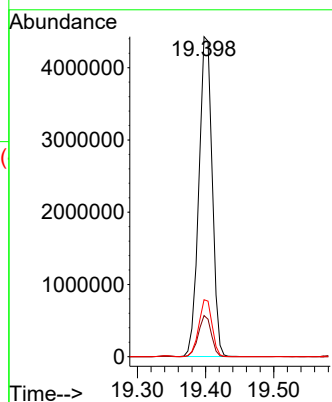
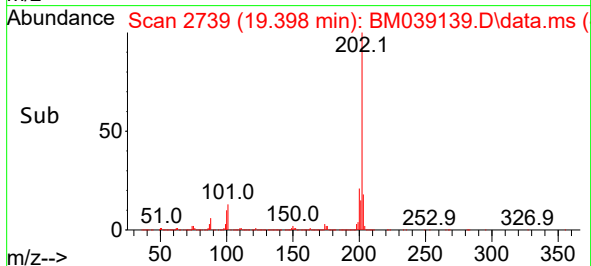
Instrument :
BNA_M
ClientSampleId :
PB151460BS



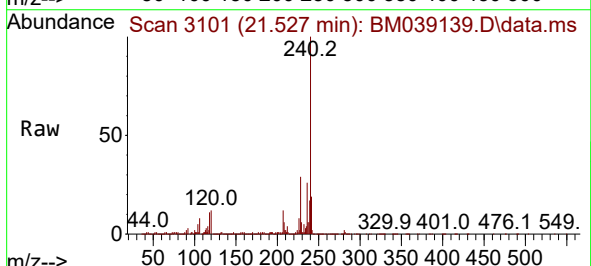
Tgt Ion:202 Resp: 601385
Ion Ratio Lower Upper
202 100
101 12.9 0.0 31.7
203 17.8 0.0 37.6

Manual Integrations
APPROVED

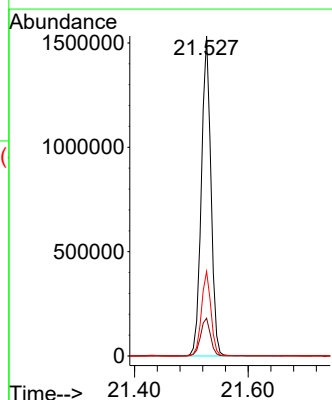
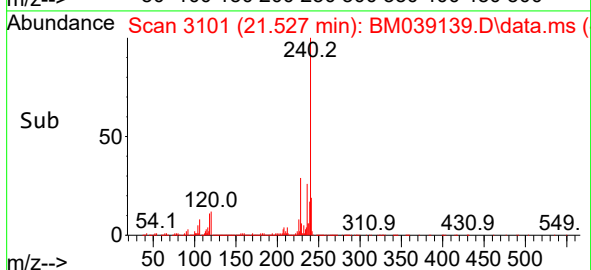
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

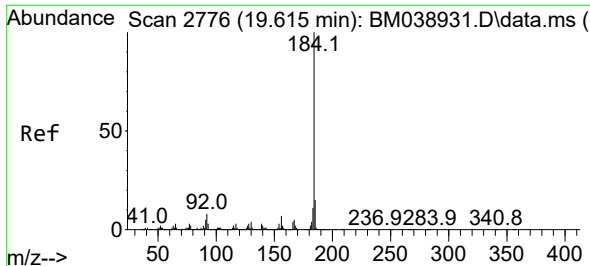


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.527 min Scan# 3101
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17



Tgt Ion:240 Resp: 1791100
Ion Ratio Lower Upper
240 100
120 11.8 9.2 13.8
236 26.4 20.8 31.2





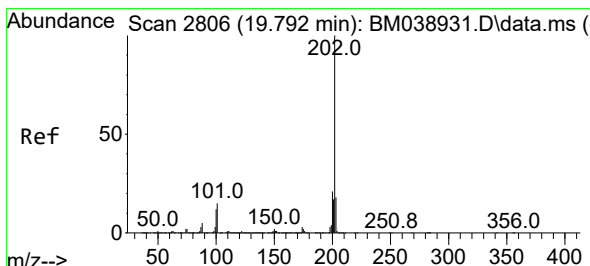
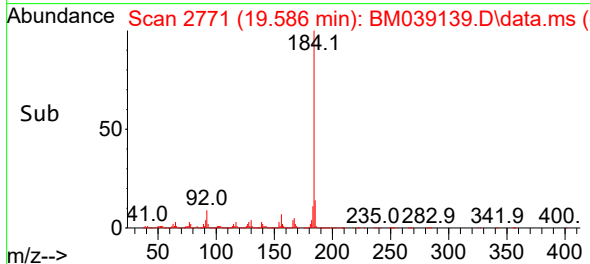
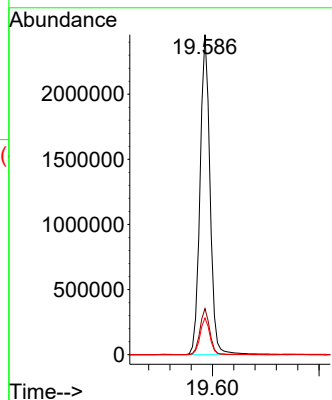
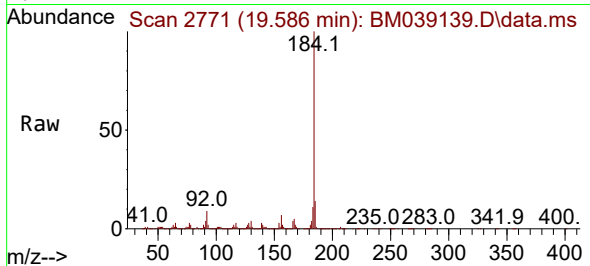
#77
Benzidine
Concen: 75.345 ng
RT: 19.586 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

Instrument :
BNA_M
ClientSampleId :
PB151460BS

Tgt Ion:184 Resp: 320235
Ion Ratio Lower Upper
184 100
185 14.4 12.2 18.4
183 11.4 8.8 13.2

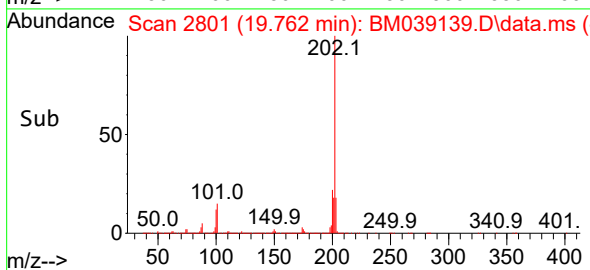
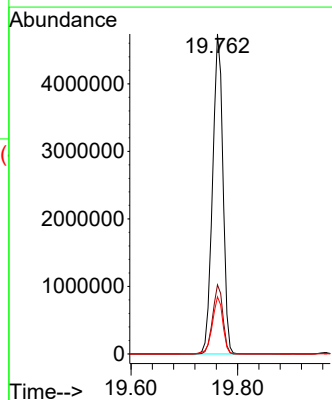
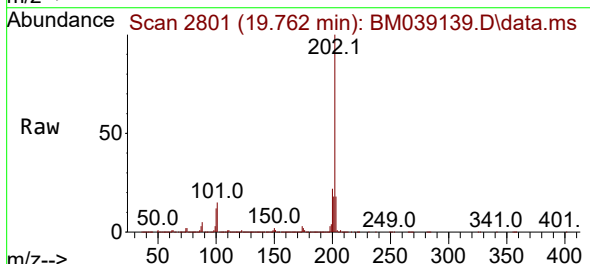
Manual Integrations
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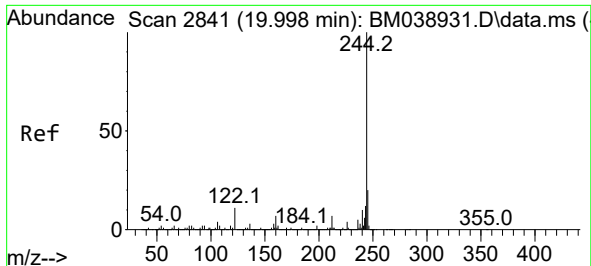
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#78
Pyrene
Concen: 47.488 ng
RT: 19.762 min Scan# 2801
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

Tgt Ion:202 Resp: 6388402
Ion Ratio Lower Upper
202 100
200 21.6 17.1 25.7
203 17.9 14.1 21.1





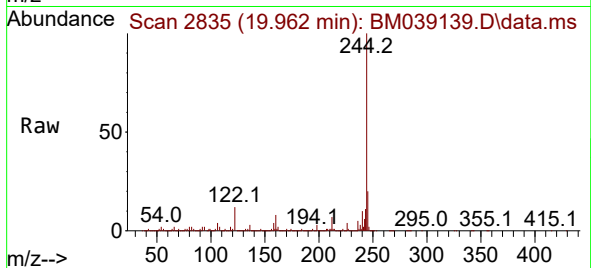
#79
 Terphenyl-d14
 Concen: 72.467 ng
 RT: 19.962 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM039139.D
 Acq: 24 Mar 2023 13:17

Instrument :

BNA_M

ClientSampleId :

PB151460BS

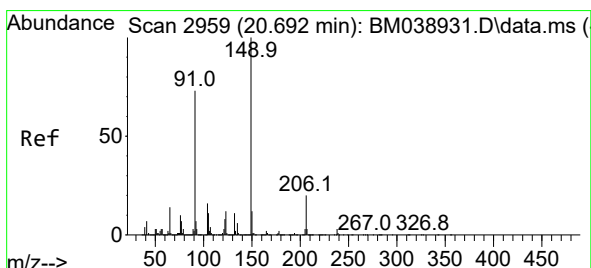
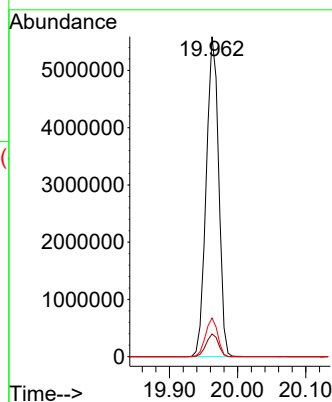
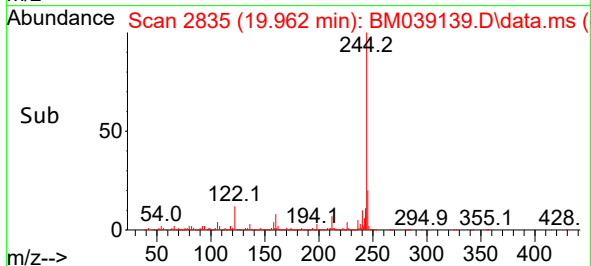


Tgt Ion:244 Resp: 7099104
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 12.1 9.0 13.4

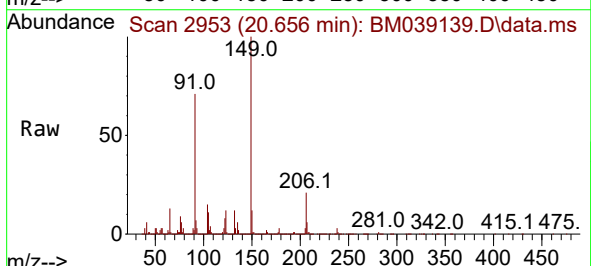
Manual Integrations

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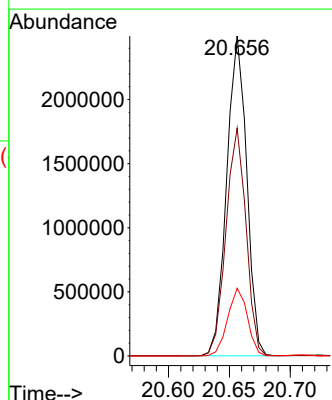
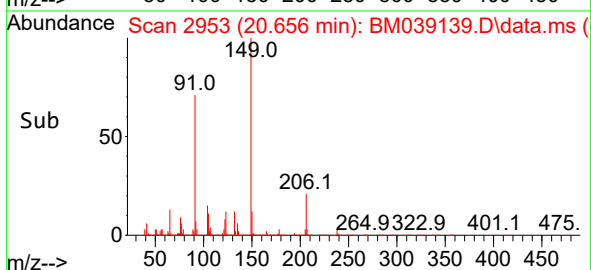
Reviewed By :Christian Giraldo 03/27/2023
 Supervised By :Jagrut Upadhyay 03/27/2023

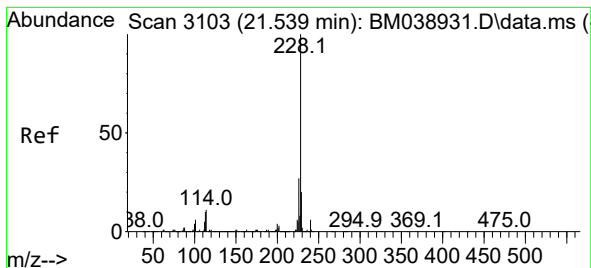


#80
 Butylbenzylphthalate
 Concen: 49.752 ng
 RT: 20.656 min Scan# 2953
 Delta R.T. 0.000 min
 Lab File: BM039139.D
 Acq: 24 Mar 2023 13:17



Tgt Ion:149 Resp: 2853310
 Ion Ratio Lower Upper
 149 100
 91 71.2 58.4 87.6
 206 21.1 16.1 24.1





#81

Benzo(a)anthracene

Concen: 45.010 ng

RT: 21.509 min Scan# 3098

Delta R.T. 0.000 min

Lab File: BM039139.D

Acq: 24 Mar 2023 13:17

Instrument :

BNA_M

ClientSampleId :

PB151460BS

Tgt Ion:228 Resp: 580566

Ion Ratio Lower Upper

228 100

226 27.6 21.4 32.2

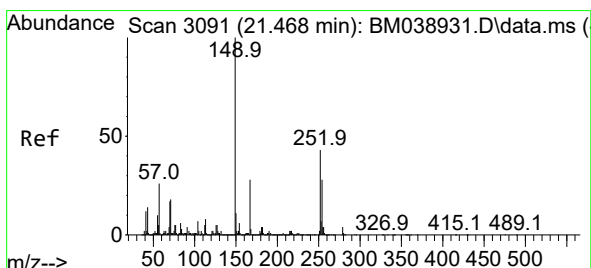
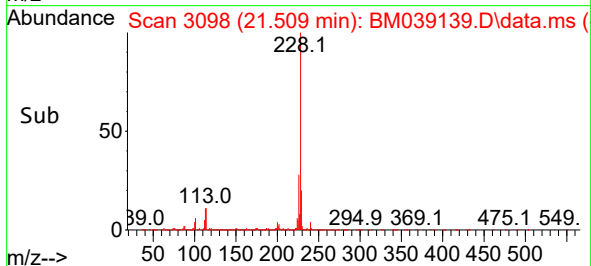
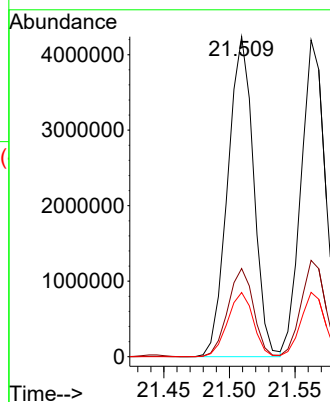
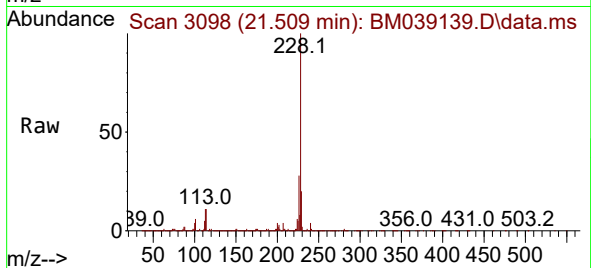
229 20.0 15.7 23.5

Manual Integrations

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Reviewed By :Christian Giraldo 03/27/2023

Supervised By :Jagrut Upadhyay 03/27/2023



#82

3,3'-Dichlorobenzidine

Concen: 43.854 ng

RT: 21.445 min Scan# 3087

Delta R.T. 0.000 min

Lab File: BM039139.D

Acq: 24 Mar 2023 13:17

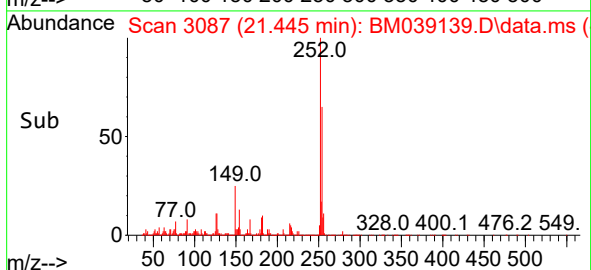
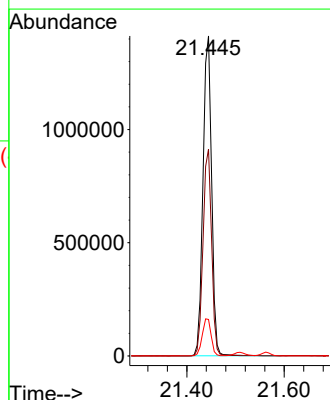
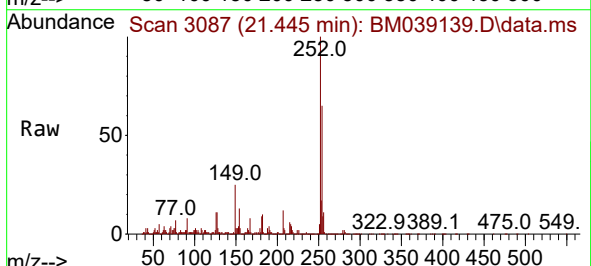
Tgt Ion:252 Resp: 1738461

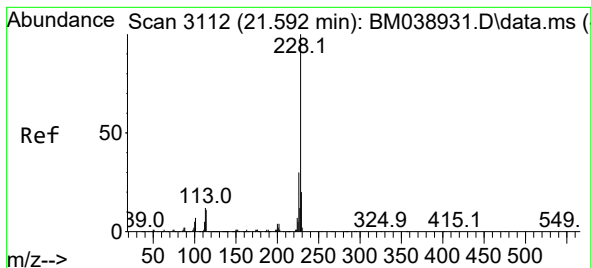
Ion Ratio Lower Upper

252 100

254 64.6 51.5 77.3

126 11.4 9.9 14.9





#83

Chrysene

Concen: 42.613 ng

RT: 21.562 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BM039139.D

Acq: 24 Mar 2023 13:17

Instrument :

BNA_M

ClientSampleId :

PB151460BS

Tgt Ion:228 Resp: 5345792

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

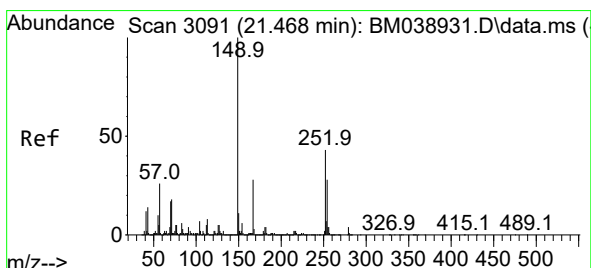
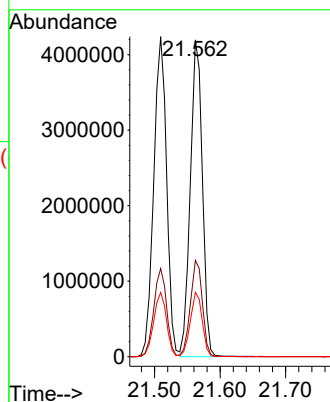
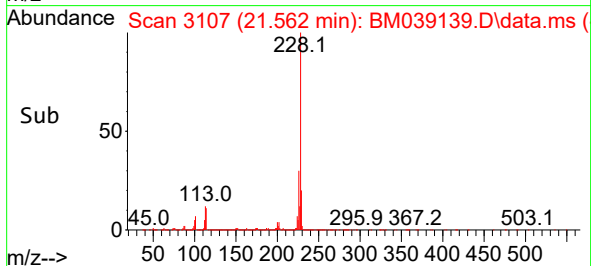
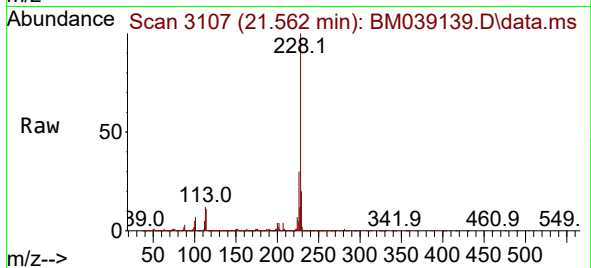
229 20.3 16.0 24.0

Manual Integrations

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Reviewed By :Christian Giraldo 03/27/2023

Supervised By :Jagrut Upadhyay 03/27/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.776 ng

RT: 21.433 min Scan# 3085

Delta R.T. 0.000 min

Lab File: BM039139.D

Acq: 24 Mar 2023 13:17

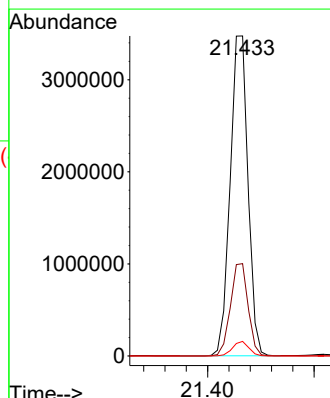
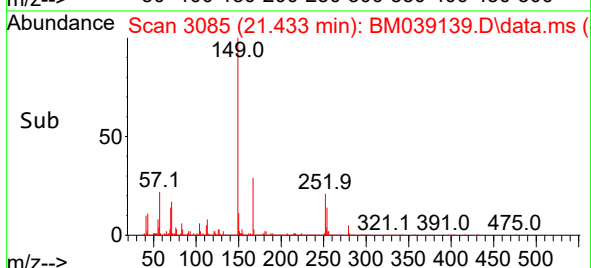
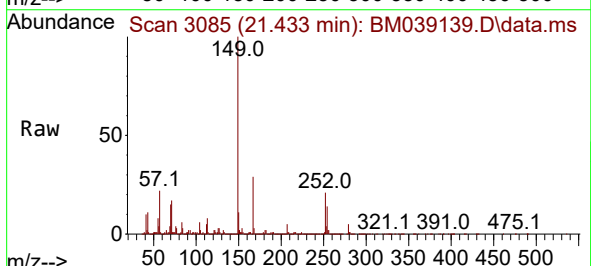
Tgt Ion:149 Resp: 4037565

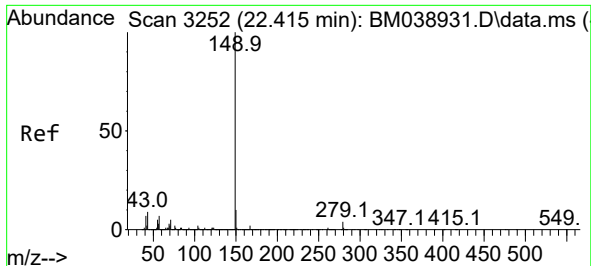
Ion Ratio Lower Upper

149 100

167 28.9 22.3 33.5

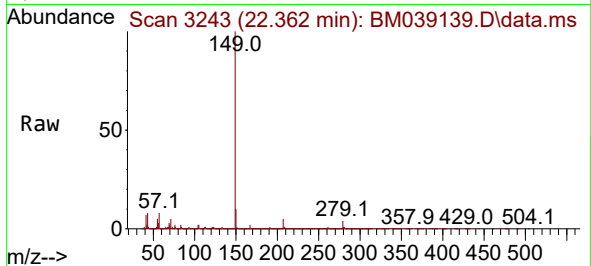
279 4.5 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 49.091 ng
RT: 22.362 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

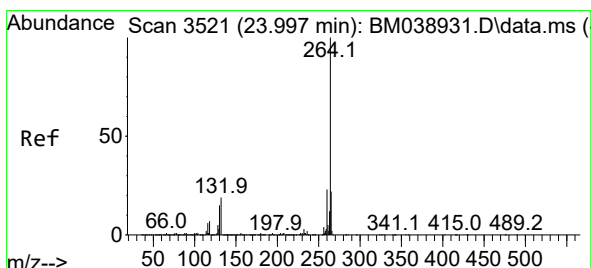
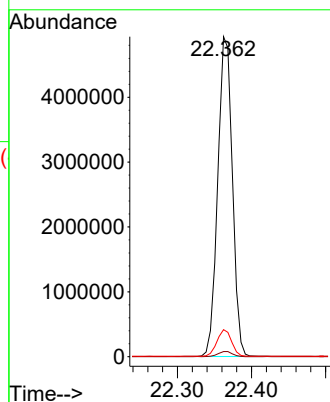
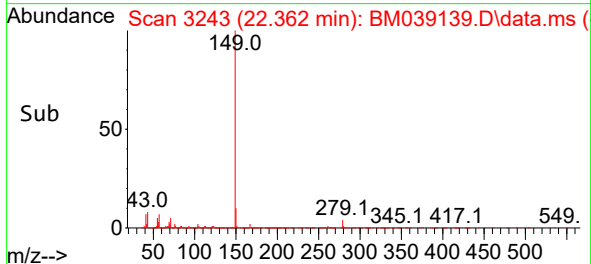
Instrument :
BNA_M
ClientSampleId :
PB151460BS



Tgt Ion:149 Resp: 6750492
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.2 7.4 11.2

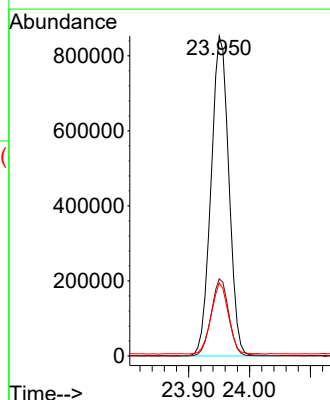
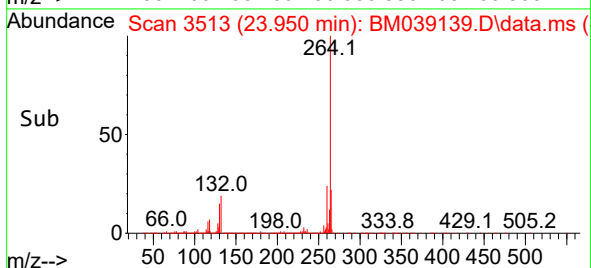
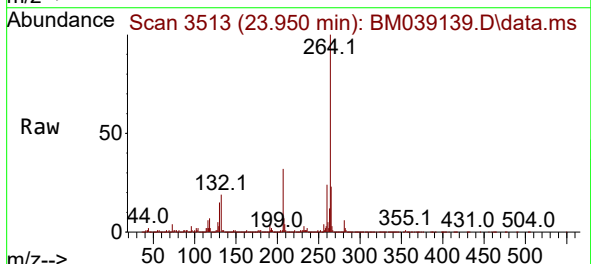
Manual Integrations
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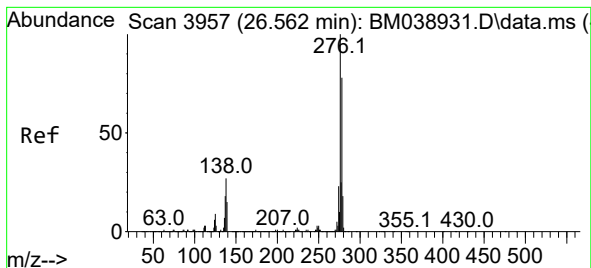
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.950 min Scan# 3513
Delta R.T. -0.006 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

Tgt Ion:264 Resp: 1730152
Ion Ratio Lower Upper
264 100
260 24.1 18.7 28.1
265 22.8 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.110 ng

RT: 26.485 min Scan# 3944

Delta R.T. -0.006 min

Lab File: BM039139.D

Acq: 24 Mar 2023 13:17

Instrument :

BNA_M

ClientSampleId :

PB151460BS

Tgt Ion:276 Resp: 528056

Ion Ratio Lower Upper

276 100

138 27.4 22.1 33.1

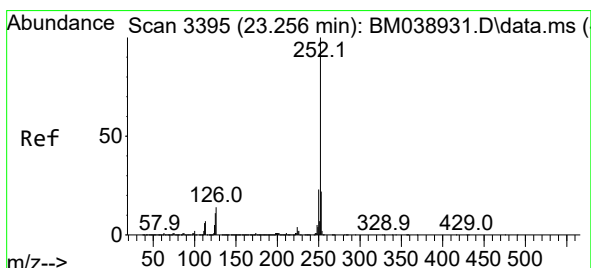
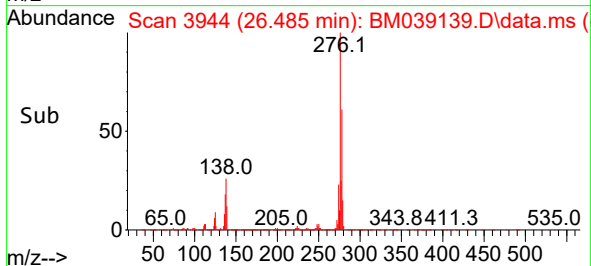
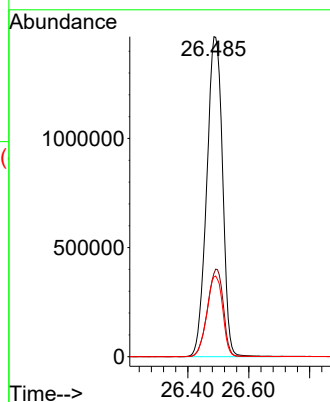
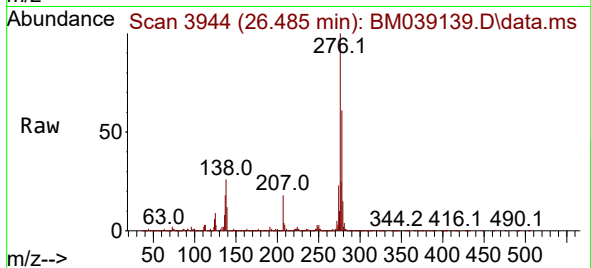
277 25.2 20.1 30.1

Manual Integrations

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Reviewed By :Christian Giraldo 03/27/2023

Supervised By :Jagrut Upadhyay 03/27/2023



#88

Benzo(b)fluoranthene

Concen: 48.370 ng

RT: 23.215 min Scan# 3388

Delta R.T. 0.000 min

Lab File: BM039139.D

Acq: 24 Mar 2023 13:17

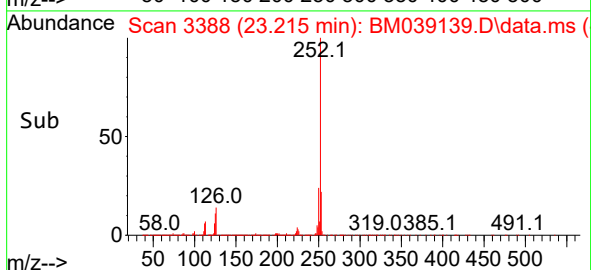
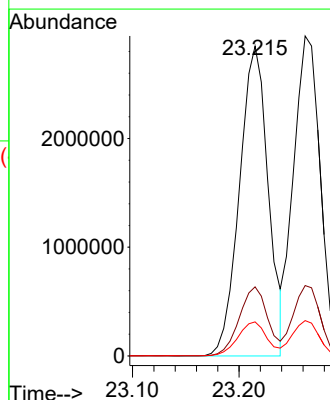
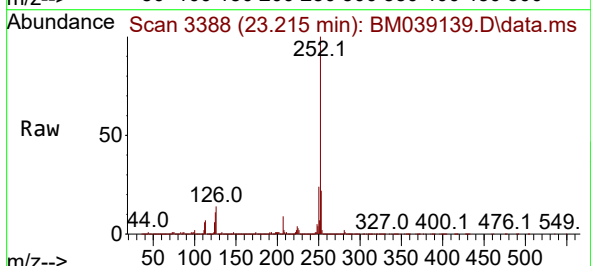
Tgt Ion:252 Resp: 5346537

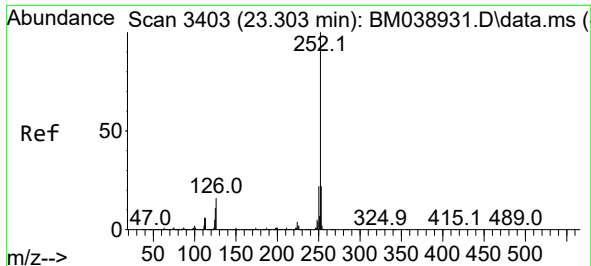
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

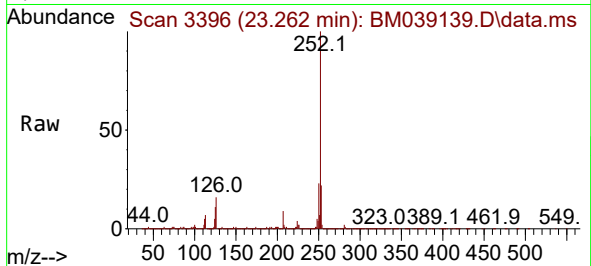
125 11.0 8.8 13.2





#89
Benzo(k)fluoranthene
Concen: 44.504 ng
RT: 23.262 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

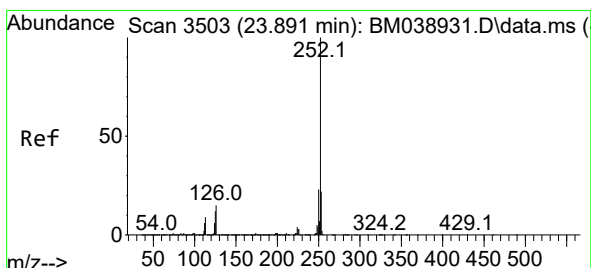
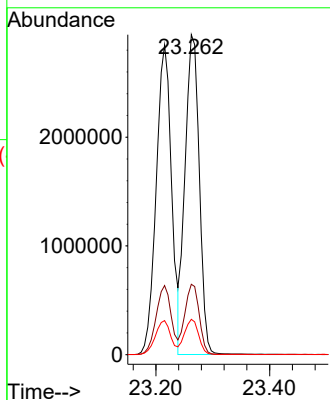
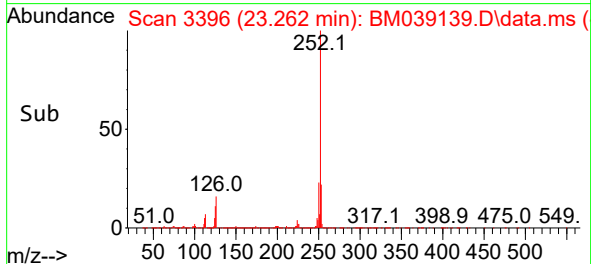
Instrument :
BNA_M
ClientSampleId :
PB151460BS



Tgt Ion:252 Resp: 511937
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 11.1 8.9 13.3

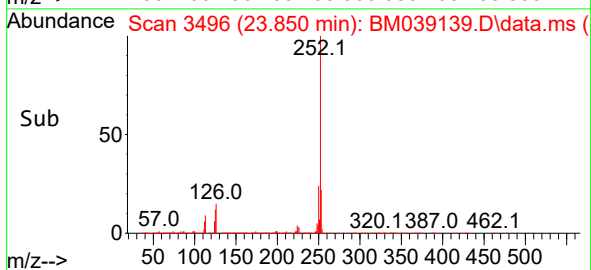
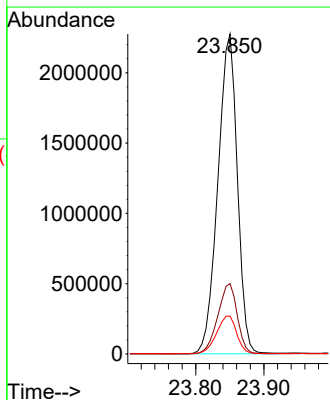
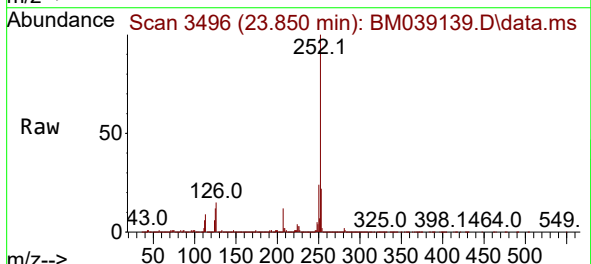
Manual Integrations
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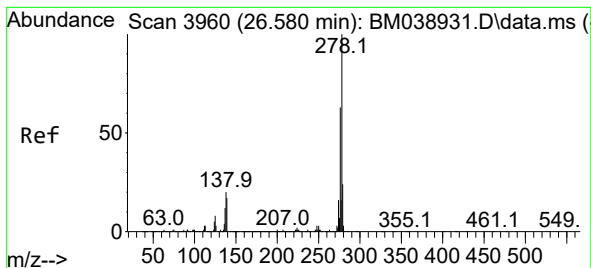
Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023



#90
Benzo(a)pyrene
Concen: 42.452 ng
RT: 23.850 min Scan# 3496
Delta R.T. 0.000 min
Lab File: BM039139.D
Acq: 24 Mar 2023 13:17

Tgt Ion:252 Resp: 4516051
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 11.8 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 39.542 ng

RT: 26.509 min Scan# 39

Delta R.T. 0.000 min

Lab File: BM039139.D

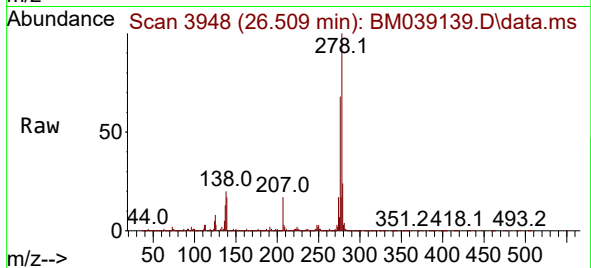
Acq: 24 Mar 2023 13:17

Instrument :

BNA_M

ClientSampleId :

PB151460BS



Tgt Ion:278 Resp: 4408654

Ion Ratio Lower Upper

278 100

139 17.1 13.7 20.5

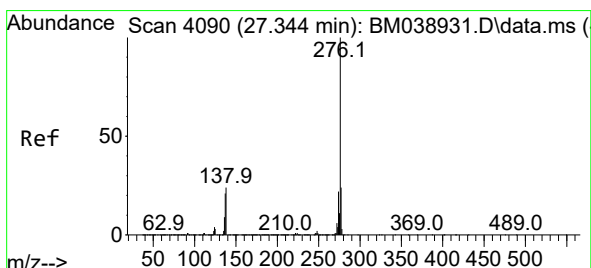
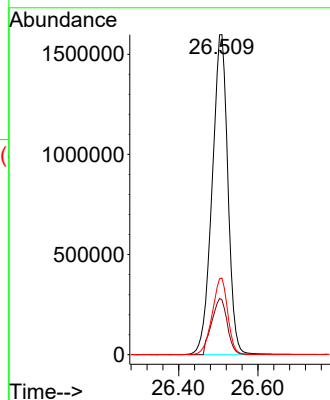
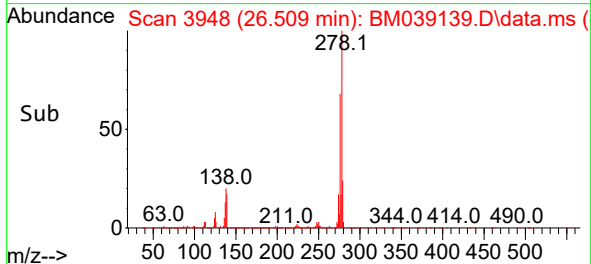
279 23.9 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/27/2023

Supervised By :Jagrut Upadhyay 03/27/2023



#92

Benzo(g,h,i)perylene

Concen: 38.953 ng

RT: 27.268 min Scan# 4077

Delta R.T. -0.006 min

Lab File: BM039139.D

Acq: 24 Mar 2023 13:17

Tgt Ion:276 Resp: 4248967

Ion Ratio Lower Upper

276 100

277 24.1 19.3 28.9

138 24.0 19.0 28.6

