

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
 Data File : BM039379.D
 Acq On : 10 Apr 2023 16:04
 Operator : CG/JU
 Sample : 02260-10MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-1DMSD

Quant Time: Apr 11 02:11:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 11 02:05:37 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/11/2023
 Supervised By : Jagrut Upadhyay 04/11/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	258693	20.000	ng	0.00
21) Naphthalene-d8	10.680	136	1066081	20.000	ng	0.00
39) Acenaphthene-d10	14.521	164	608458	20.000	ng	0.00
64) Phenanthrene-d10	17.274	188	1085730	20.000	ng	0.00
76) Chrysene-d12	21.462	240	699532	20.000	ng	0.00
86) Perylene-d12	23.844	264	764776	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1747225	101.757	ng	0.00
7) Phenol-d6	7.045	99	2401925	108.152	ng	0.00
23) Nitrobenzene-d5	9.039	82	1292747	58.936	ng	0.00
42) 2,4,6-Tribromophenol	16.015	330	675376	87.441	ng	0.00
45) 2-Fluorobiphenyl	13.145	172	2672627	59.514	ng	0.00
79) Terphenyl-d14	19.898	244	2663432	70.345	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	325965	46.444	ng	97
3) Pyridine	3.699	79	827897	42.107	ng	98
4) n-Nitrosodimethylamine	3.610	42	395798	51.257	ng	94
6) Aniline	7.198	93	1112593	40.476	ng	98
8) 2-Chlorophenol	7.434	128	934615	53.181	ng	97
9) Benzaldehyde	7.004	77	474917	37.550	ng	96
10) Phenol	7.075	94	1233055	55.402	ng	100
11) bis(2-Chloroethyl)ether	7.298	93	931041	51.999	ng	99
12) 1,3-Dichlorobenzene	7.757	146	946901	50.805	ng	99
13) 1,4-Dichlorobenzene	7.904	146	952207	50.527	ng	98
14) 1,2-Dichlorobenzene	8.222	146	922231	51.177	ng	100
15) Benzyl Alcohol	8.122	79	806702	52.811	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.410	45	1256807m	54.879	ng	
17) 2-Methylphenol	8.328	107	782475	50.251	ng	99
18) Hexachloroethane	8.945	117	366283	50.246	ng	98
19) n-Nitroso-di-n-propyla...	8.686	70	730945	51.486	ng	96
20) 3+4-Methylphenols	8.657	107	1064108	50.856	ng	98
22) Acetophenone	8.704	105	1390731	48.790	ng	# 98
24) Nitrobenzene	9.086	77	1039262	47.634	ng	99
25) Isophorone	9.616	82	1967044	48.070	ng	99
26) 2-Nitrophenol	9.798	139	478104	47.405	ng	99
27) 2,4-Dimethylphenol	9.863	122	851122	50.792	ng	100
28) bis(2-Chloroethoxy)met...	10.098	93	1211916	48.925	ng	99
29) 2,4-Dichlorophenol	10.333	162	839154	51.326	ng	98
30) 1,2,4-Trichlorobenzene	10.545	180	843914	48.248	ng	98
31) Naphthalene	10.727	128	2718716	47.328	ng	99
32) Benzoic acid	10.039	122	604107	46.254	ng	98
33) 4-Chloroaniline	10.851	127	388395	15.433	ng	98
34) Hexachlorobutadiene	11.010	225	490100	47.651	ng	99
35) Caprolactam	11.663	113	250419	44.112	ng	90
36) 4-Chloro-3-methylphenol	11.986	107	887958	49.225	ng	98
37) 2-Methylnaphthalene	12.345	142	1842334	46.070	ng	99
38) 1-Methylnaphthalene	12.563	142	1717614	45.871	ng	100
40) 1,2,4,5-Tetrachloroben...	12.716	216	924950	49.929	ng	99
41) Hexachlorocyclopentadiene	12.686	237	1203635	118.929	ng	98
43) 2,4,6-Trichlorophenol	12.957	196	627242	49.647	ng	99

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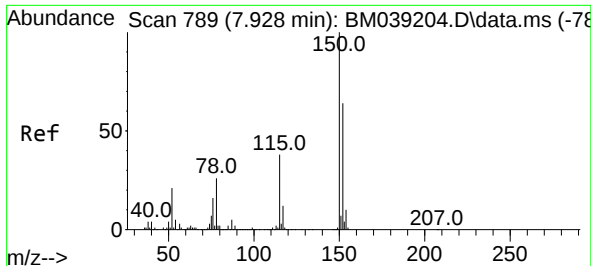
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.033	196	675904	45.635	ng	98
46) 1,1'-Biphenyl	13.357	154	2395086	49.847	ng	99
47) 2-Chloronaphthalene	13.398	162	1793143	49.288	ng	99
48) 2-Nitroaniline	13.616	65	555336	45.360	ng	99
49) Acenaphthylene	14.245	152	2824039	47.230	ng	99
50) Dimethylphthalate	13.992	163	2141552	45.670	ng	99
51) 2,6-Dinitrotoluene	14.110	165	465773	46.190	ng	95
52) Acenaphthene	14.586	154	1683517	47.682	ng	100
53) 3-Nitroaniline	14.445	138	282312	24.217	ng	97
54) 2,4-Dinitrophenol	14.651	184	536323	89.809	ng	98
55) Dibenzofuran	14.921	168	2629133	46.253	ng	99
56) 4-Nitrophenol	14.763	139	711826	79.186	ng	93
57) 2,4-Dinitrotoluene	14.898	165	607621	44.543	ng	91
58) Fluorene	15.574	166	2081063	46.234	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.151	232	554345	47.047	ng	100
60) Diethylphthalate	15.351	149	2097549	44.441	ng	100
61) 4-Chlorophenyl-phenyle...	15.568	204	1035273	46.409	ng	99
62) 4-Nitroaniline	15.610	138	401125	33.531	ng	97
63) Azobenzene	15.862	77	2339454	49.474	ng	98
65) 4,6-Dinitro-2-methylph...	15.662	198	340994	47.740	ng	98
66) n-Nitrosodiphenylamine	15.786	169	1741788	50.910	ng	99
67) 4-Bromophenyl-phenylether	16.462	248	585041	50.456	ng	98
68) Hexachlorobenzene	16.574	284	671977	53.449	ng	98
69) Atrazine	16.739	200	533991	49.279	ng	99
70) Pentachlorophenol	16.921	266	806189	89.378	ng	99
71) Phenanthrene	17.315	178	2899118	48.754	ng	100
72) Anthracene	17.404	178	2966713	48.929	ng	100
73) Carbazole	17.680	167	2520039	44.478	ng	99
74) Di-n-butylphthalate	18.245	149	3210241	45.805	ng	99
75) Fluoranthene	19.333	202	2867628	42.305	ng	100
77) Benzidine	19.527	184	1046453	56.715	ng	100
78) Pyrene	19.698	202	2932980	58.896	ng	100
80) Butylbenzylphthalate	20.592	149	1135713	49.781	ng	94
81) Benzo(a)anthracene	21.444	228	2354044	47.715	ng	100
82) 3,3'-Dichlorobenzidine	21.380	252	598126	36.394	ng	100
83) Chrysene	21.497	228	2314773	48.602	ng	100
84) Bis(2-ethylhexyl)phtha...	21.368	149	1566044	46.477	ng	99
85) Di-n-octyl phthalate	22.291	149	2562875	42.217	ng	98
87) Indeno(1,2,3-cd)pyrene	26.326	276	2933016	52.051	ng	100
88) Benzo(b)fluoranthene	23.121	252	2295050	49.045	ng	100
89) Benzo(k)fluoranthene	23.168	252	2350177	49.306	ng	98
90) Benzo(a)pyrene	23.744	252	2106133	45.815	ng	100
91) Dibenzo(a,h)anthracene	26.344	278	2448300	51.745	ng	100
92) Benzo(g,h,i)perylene	27.091	276	2518812	54.132	ng	99

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



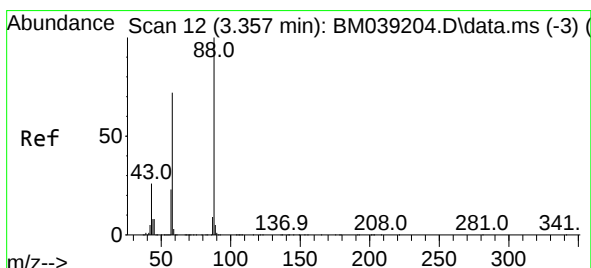
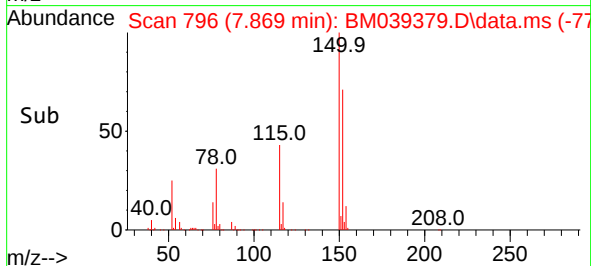
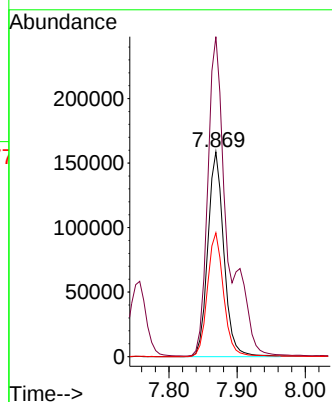
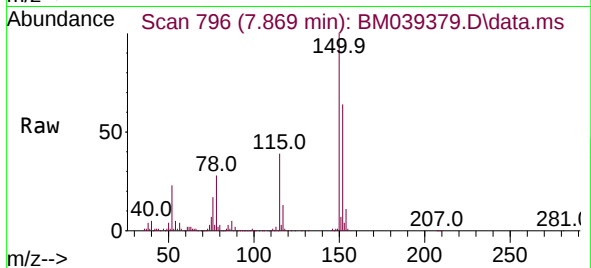
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 79
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

Instrument :
BNA_M
ClientSampleId :
SP-1DMSD

Tgt Ion:152 Resp: 258693
Ion Ratio Lower Upper
152 100
150 156.4 125.5 188.3
115 60.5 48.1 72.1

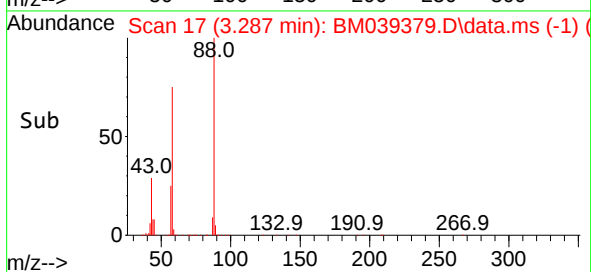
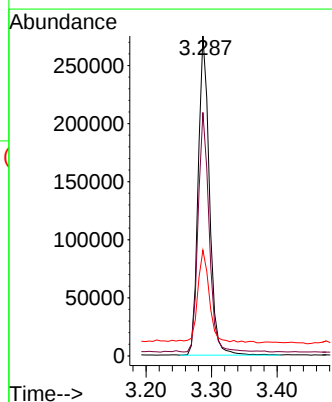
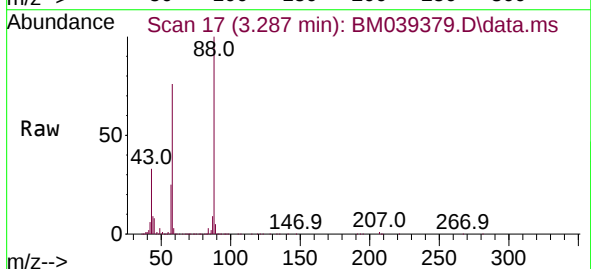
Manual Integrations
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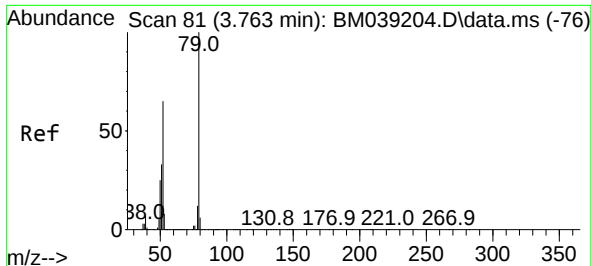
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023



#2
1,4-Dioxane
Concen: 46.444 ng
RT: 3.287 min Scan# 17
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

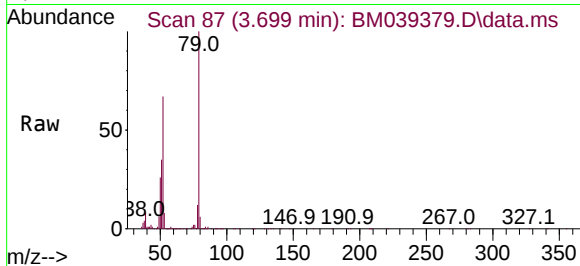
Tgt Ion: 88 Resp: 325965
Ion Ratio Lower Upper
88 100
58 73.7 57.9 86.9
43 29.8 21.4 32.2





#3
Pyridine
Concen: 42.107 ng
RT: 3.699 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

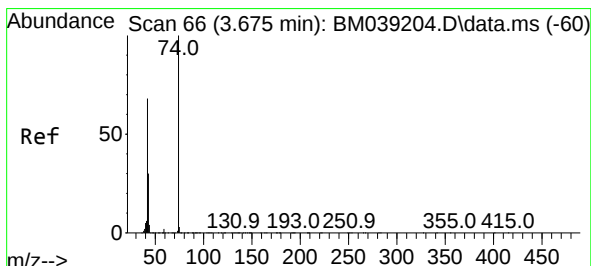
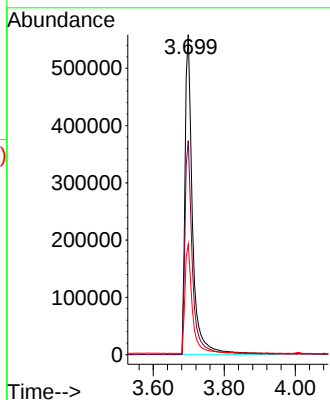
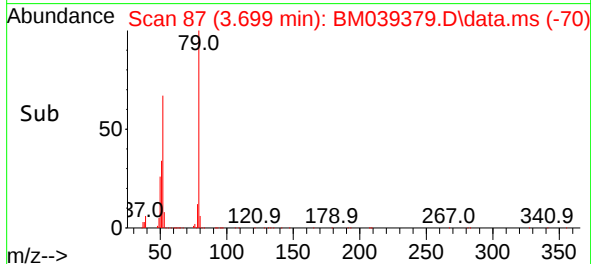
Instrument :
BNA_M
ClientSampleId :
SP-1DMSD



Tgt Ion: 79 Resp: 827897
Ion Ratio Lower Upper
79 100
52 66.9 52.0 78.0
51 34.5 26.4 39.6

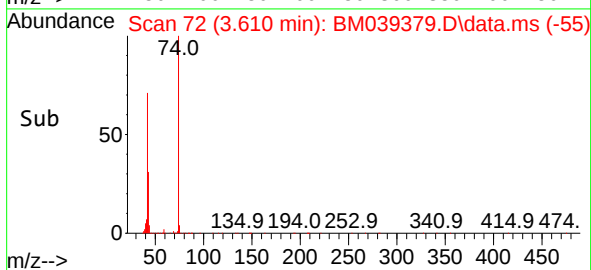
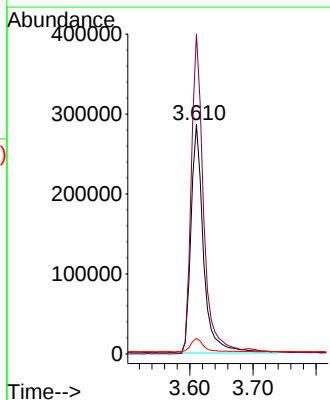
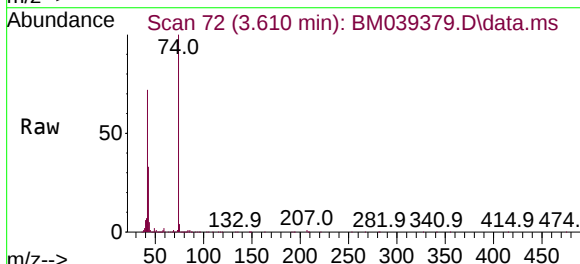
Manual Integrations
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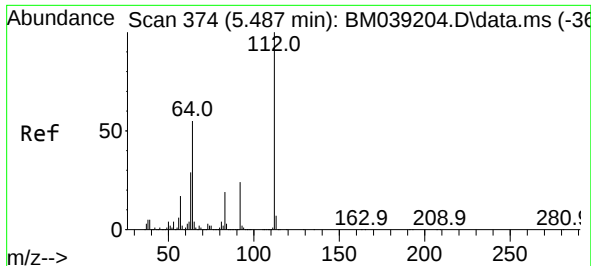
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023



#4
n-Nitrosodimethylamine
Concen: 51.257 ng
RT: 3.610 min Scan# 72
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

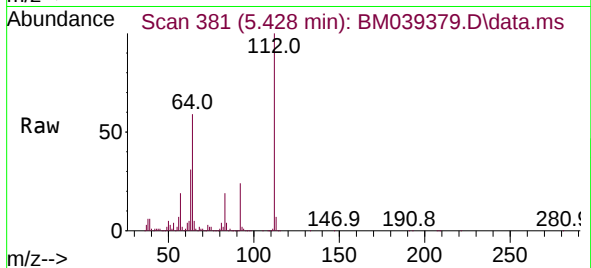
Tgt Ion: 42 Resp: 395798
Ion Ratio Lower Upper
42 100
74 139.5 118.1 177.1
44 6.7 6.3 9.5





#5
2-Fluorophenol
Concen: 101.757 ng
RT: 5.428 min Scan# 381
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

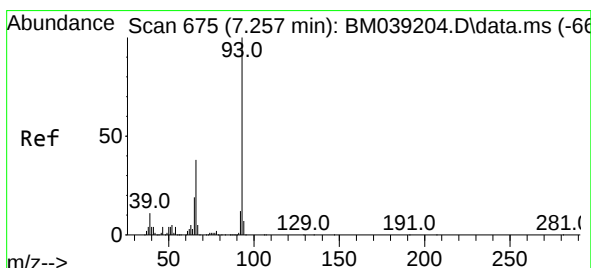
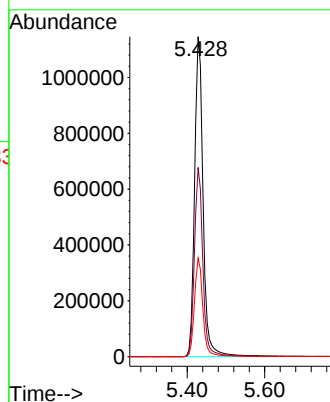
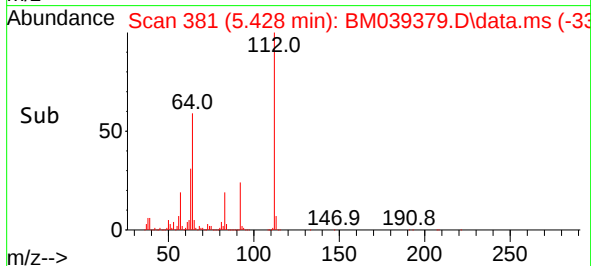
Instrument :
BNA_M
ClientSampleId :
SP-1DMSD



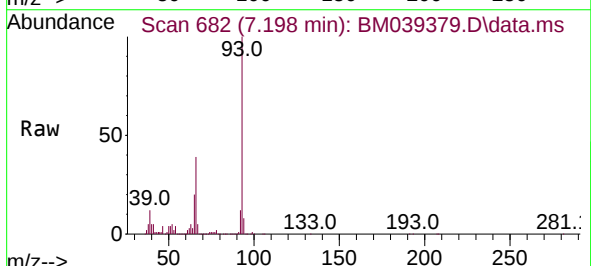
Tgt Ion: 112 Resp: 1747225
Ion Ratio Lower Upper
112 100
64 59.1 44.3 66.5
63 30.8 23.0 34.6

Manual Integrations
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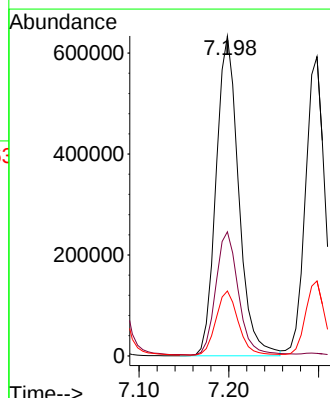
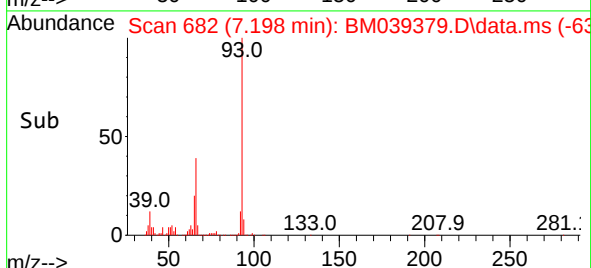
Reviewed By :Christian Giraldo 04/11/2023
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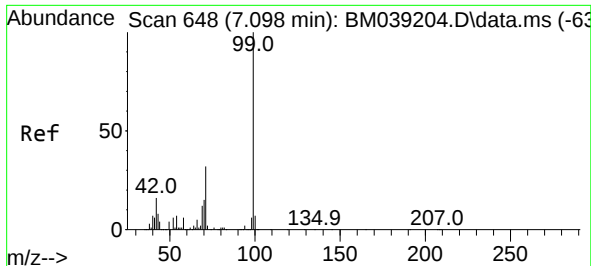


#6
Aniline
Concen: 40.476 ng
RT: 7.198 min Scan# 682
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04



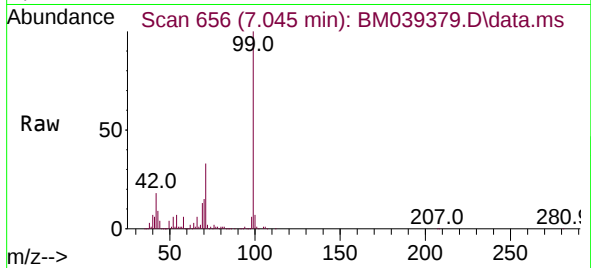
Tgt Ion: 93 Resp: 1112593
Ion Ratio Lower Upper
93 100
66 38.8 30.1 45.1
65 20.3 15.5 23.3





#7
Phenol-d6
Concen: 108.152 ng
RT: 7.045 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

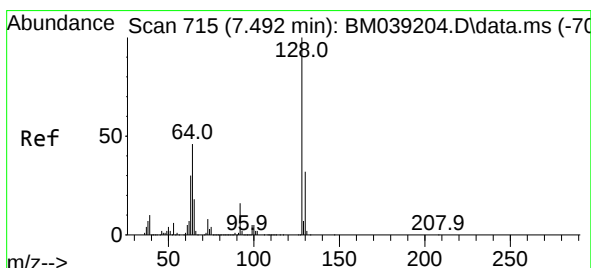
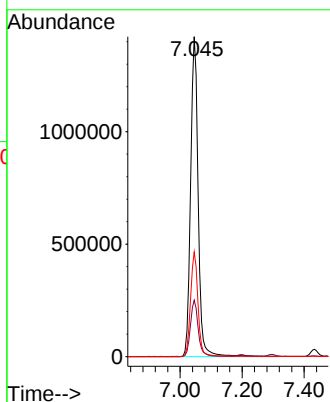
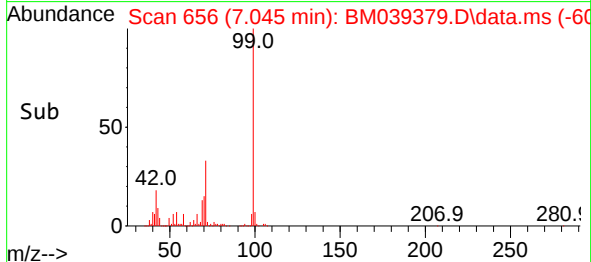
Instrument :
BNA_M
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Tgt Ion: 99 Resp: 2401925
Ion Ratio Lower Upper
99 100
42 17.6 13.0 19.6
71 32.7 25.5 38.3

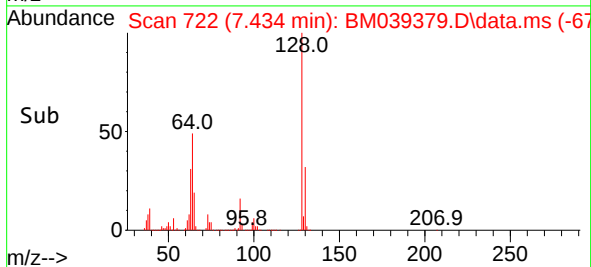
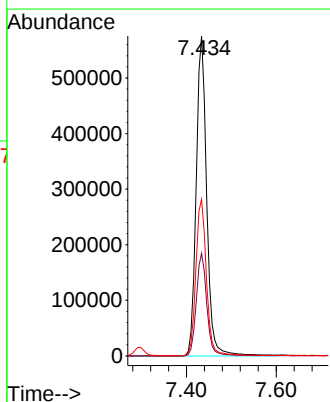
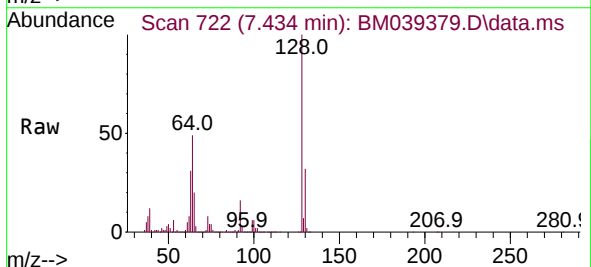
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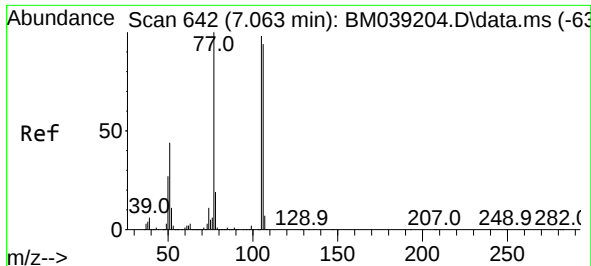
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023



#8
2-Chlorophenol
Concen: 53.181 ng
RT: 7.434 min Scan# 722
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

Tgt Ion:128 Resp: 934615
Ion Ratio Lower Upper
128 100
130 32.1 12.2 52.2
64 48.9 25.9 65.9





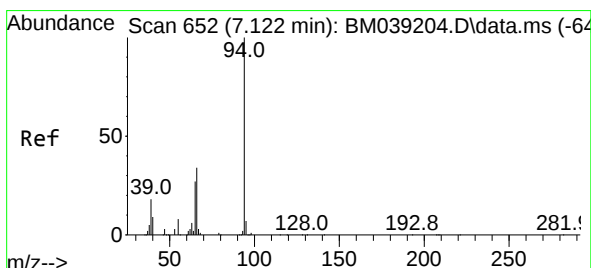
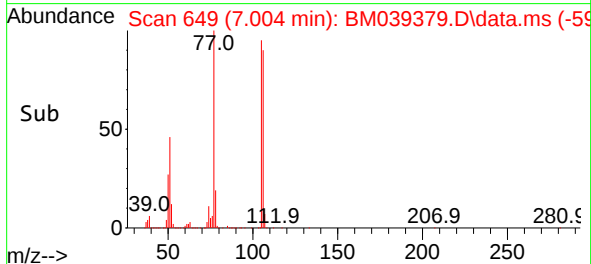
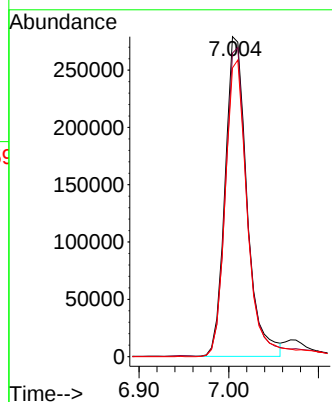
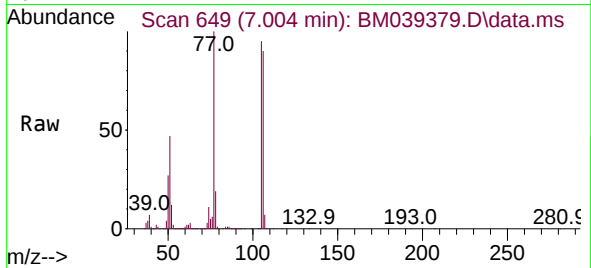
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Benzaldehyde
Concen: 37.550 ng
RT: 7.004 min Scan# 642
Delta R.T. -0.006 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

Instrument :
BNA_M
ClientSampleId :
SP-1DMSD

Tgt Ion: 77 Resp: 474917
Ion Ratio Lower Upper
77 100
105 94.9 78.2 118.2
106 90.2 73.8 113.8

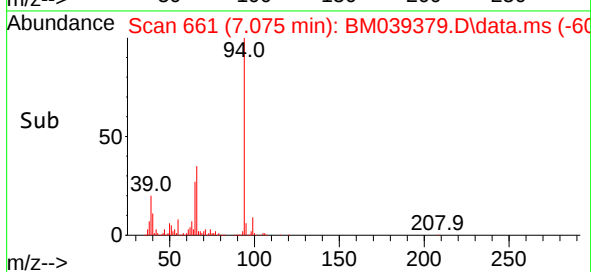
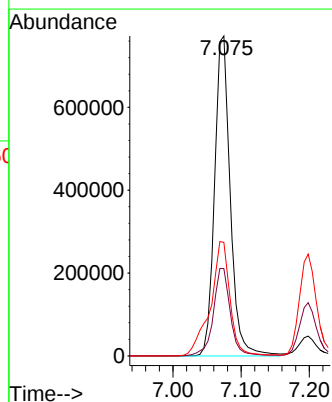
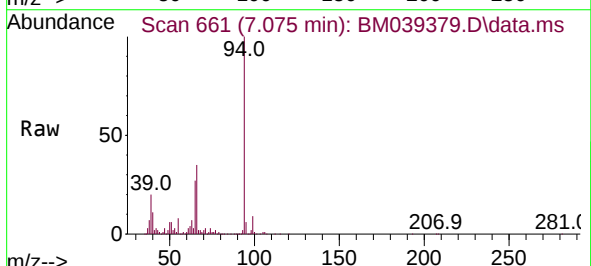
Manual Integrations
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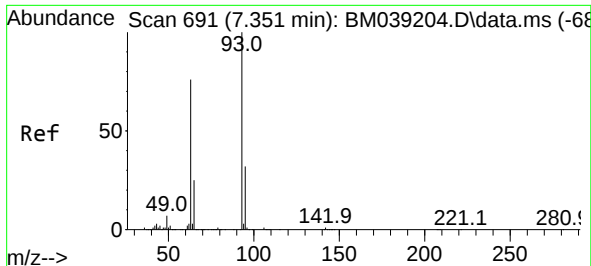
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023



#10
Phenol
Concen: 55.402 ng
RT: 7.075 min Scan# 661
Delta R.T. 0.006 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

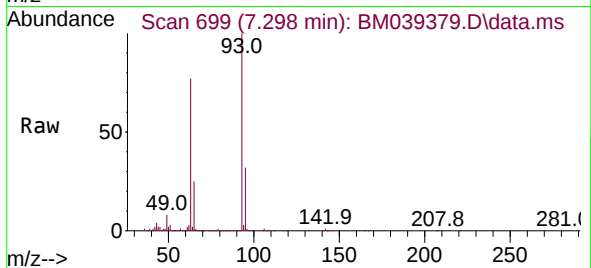
Tgt Ion: 94 Resp: 1233055
Ion Ratio Lower Upper
94 100
65 27.3 7.2 47.2
66 35.5 15.2 55.2





#11
bis(2-Chloroethyl)ether
Concen: 51.999 ng
RT: 7.298 min Scan# 691
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

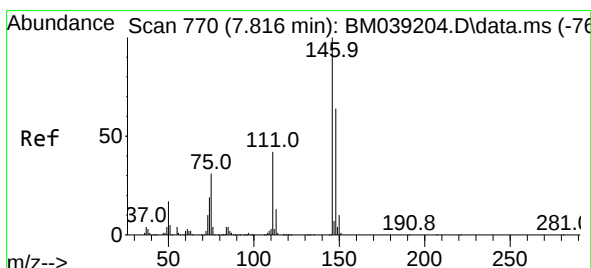
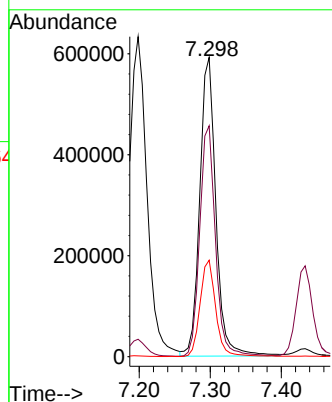
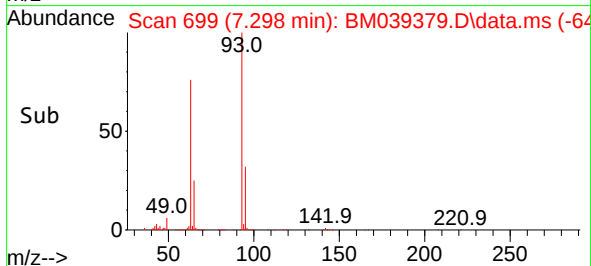
Instrument :
BNA_M
ClientSampleId :
SP-1DMSD



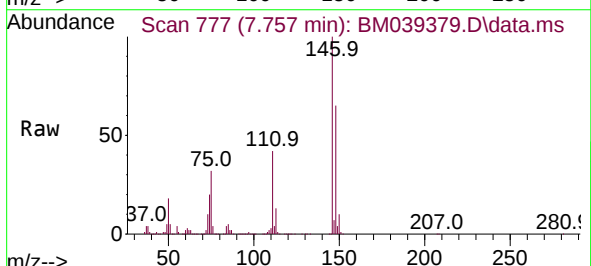
Tgt Ion: 93 Resp: 931041
Ion Ratio Lower Upper
93 100
63 77.1 55.5 95.5
95 32.2 12.2 52.2

Manual Integrations
APPROVED

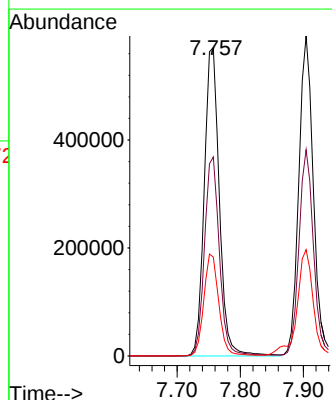
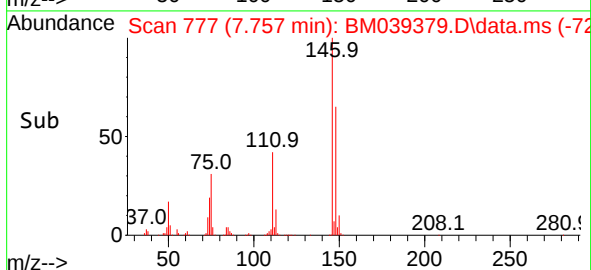
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

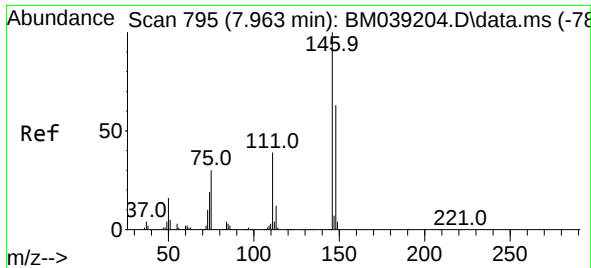


#12
1,3-Dichlorobenzene
Concen: 50.805 ng
RT: 7.757 min Scan# 777
Delta R.T. 0.006 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04



Tgt Ion:146 Resp: 946901
Ion Ratio Lower Upper
146 100
148 64.5 51.2 76.8
75 32.0 25.2 37.8





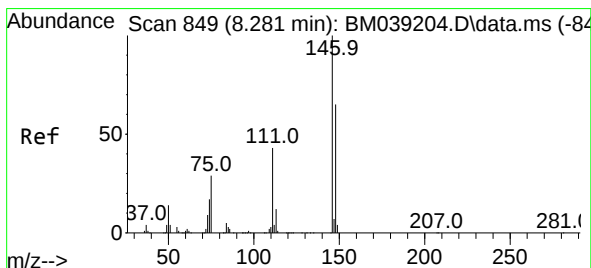
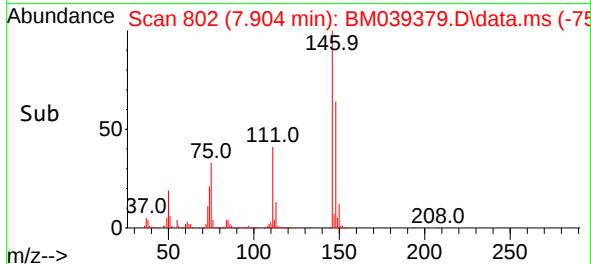
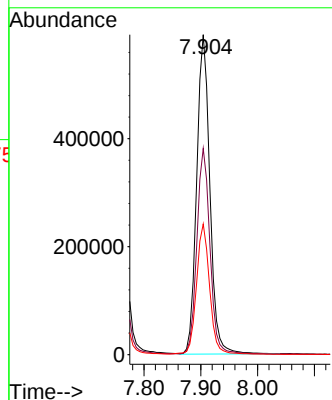
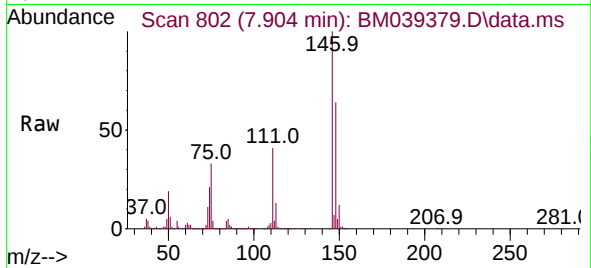
#13
1,4-Dichlorobenzene
Concen: 50.527 ng
RT: 7.904 min Scan# 801
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

Instrument :
BNA_M
ClientSampleId :
SP-1DMSD

Tgt Ion:146 Resp: 952207
Ion Ratio Lower Upper
146 100
148 64.4 50.8 76.2
111 40.8 31.5 47.3

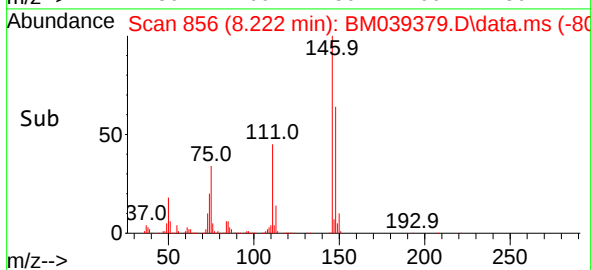
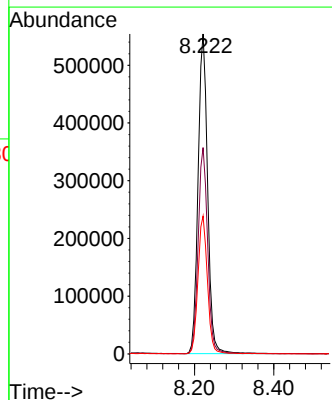
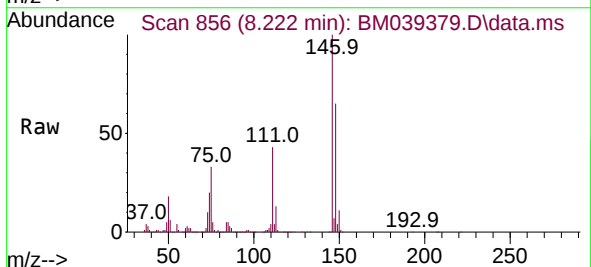
Manual Integrations
APPROVED

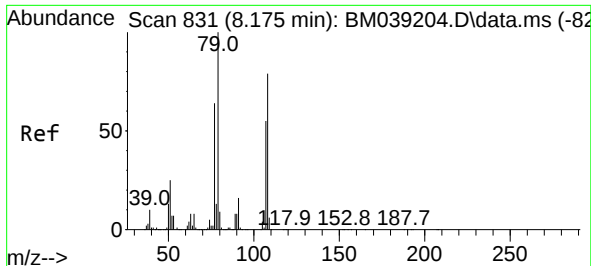
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023



#14
1,2-Dichlorobenzene
Concen: 51.177 ng
RT: 8.222 min Scan# 856
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

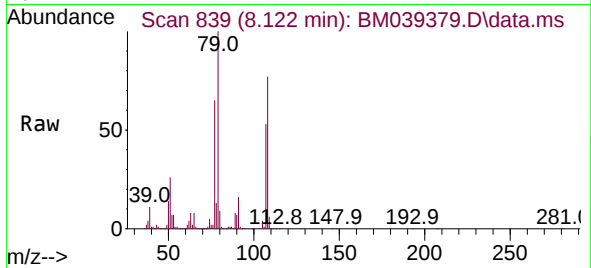
Tgt Ion:146 Resp: 922231
Ion Ratio Lower Upper
146 100
148 64.5 52.1 78.1
111 43.1 34.5 51.7





#15
Benzyl Alcohol
Concen: 52.811 ng
RT: 8.122 min Scan# 831
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

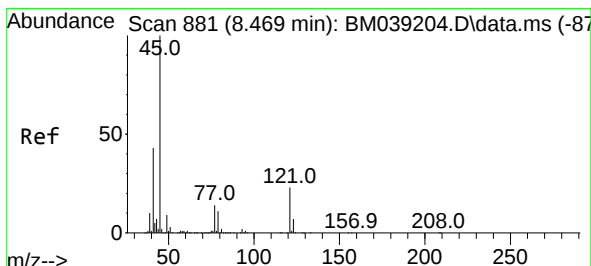
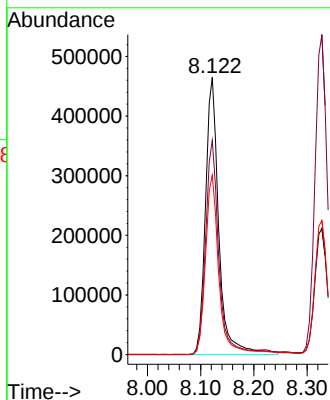
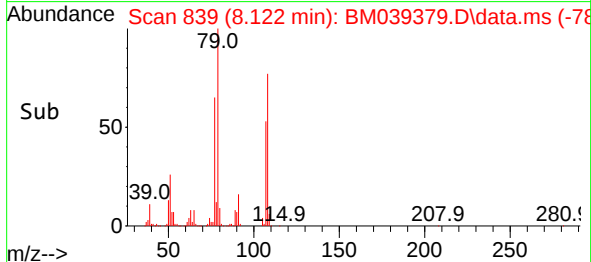
Instrument :
BNA_M
ClientSampleId :
SP-1DMSD



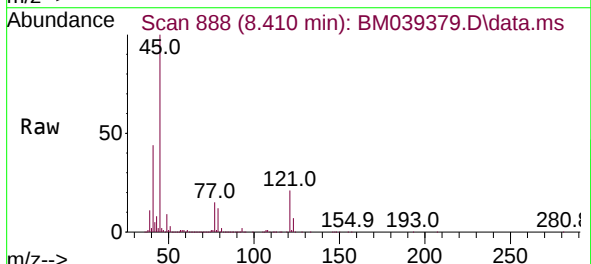
Tgt Ion: 79 Resp: 806702
Ion Ratio Lower Upper
79 100
108 77.3 63.4 95.0
77 64.7 51.5 77.3

Manual Integrations
APPROVED

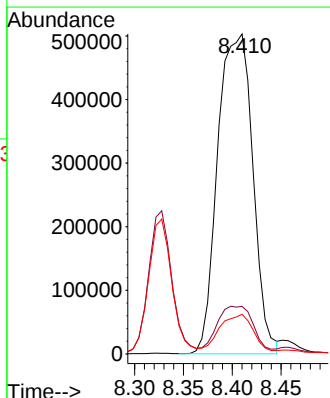
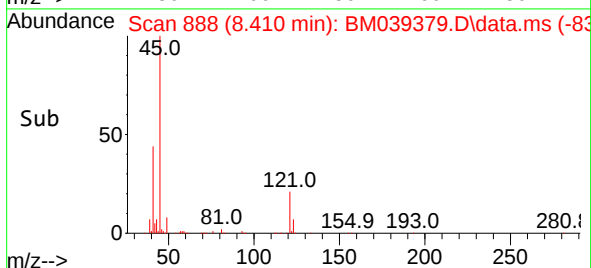
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

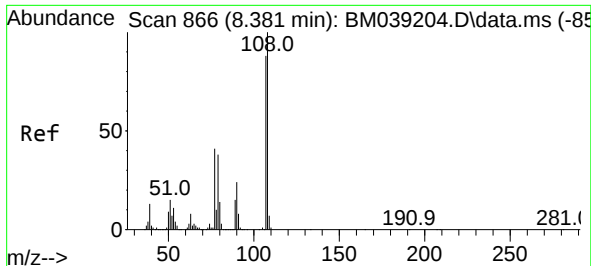


#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.879 ng m
RT: 8.410 min Scan# 888
Delta R.T. 0.006 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04



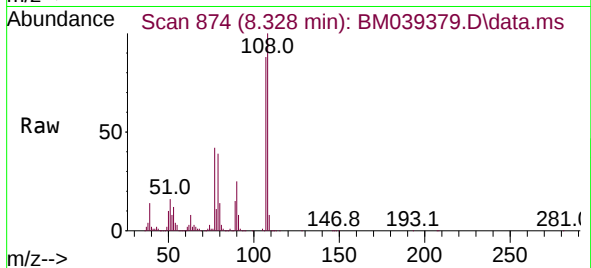
Tgt Ion: 45 Resp: 1256807
Ion Ratio Lower Upper
45 100
77 14.8 0.0 35.1
79 12.4 0.0 32.2





#17
2-Methylphenol
Concen: 50.251 ng
RT: 8.328 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

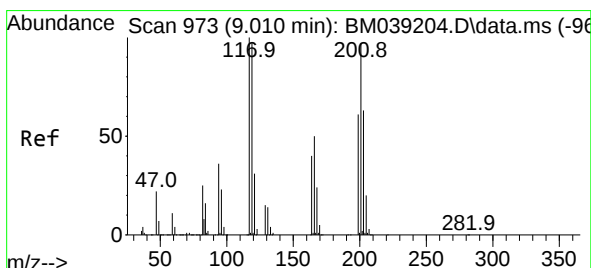
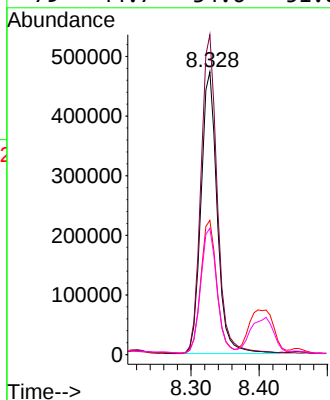
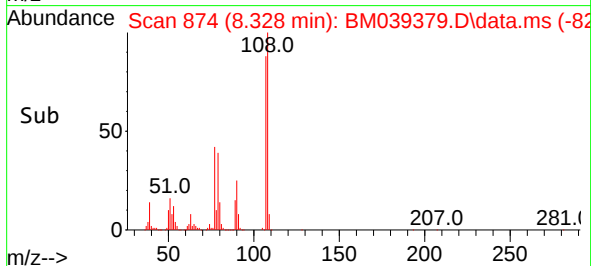
Instrument :
BNA_M
ClientSampleId :
SP-1DMSD



Tgt Ion:107 Resp: 782475
Ion Ratio Lower Upper
107 100
108 113.1 90.6 136.0
77 47.5 37.0 55.4
79 44.7 34.6 51.8

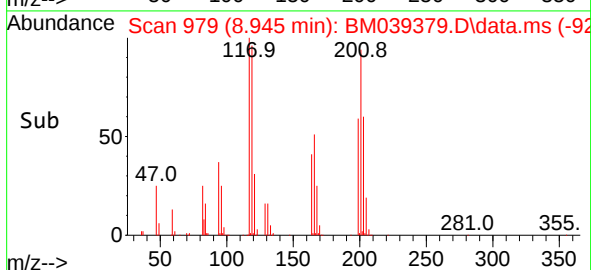
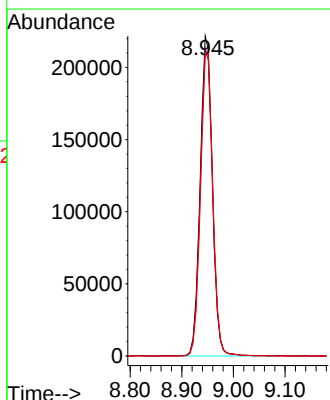
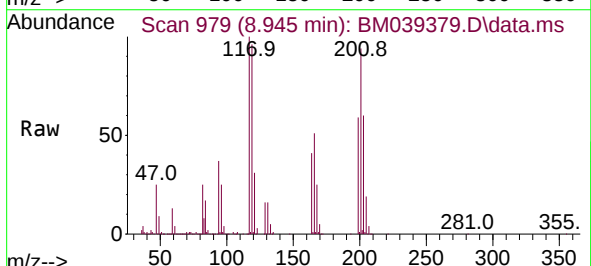
Manual Integrations
APPROVED

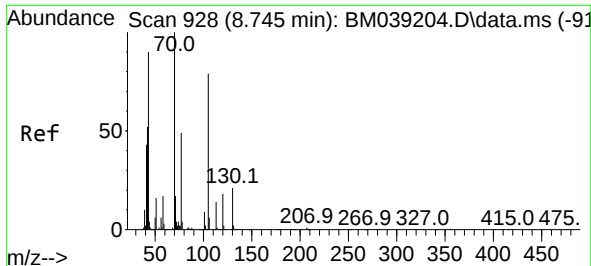
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023



#18
Hexachloroethane
Concen: 50.246 ng
RT: 8.945 min Scan# 979
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

Tgt Ion:117 Resp: 366283
Ion Ratio Lower Upper
117 100
119 96.2 77.8 116.8
201 93.5 77.3 115.9





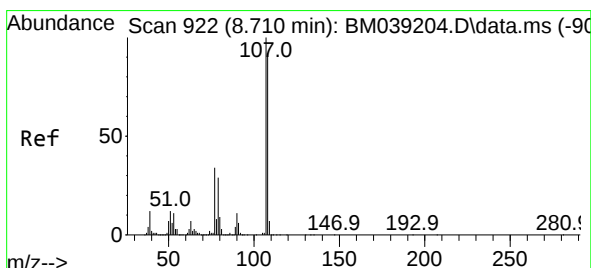
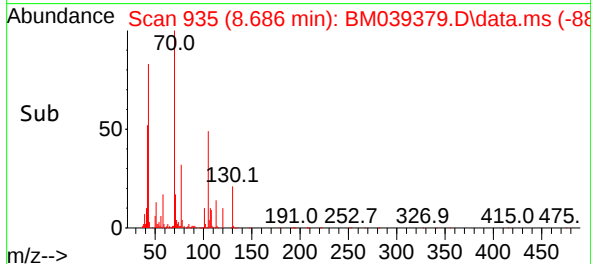
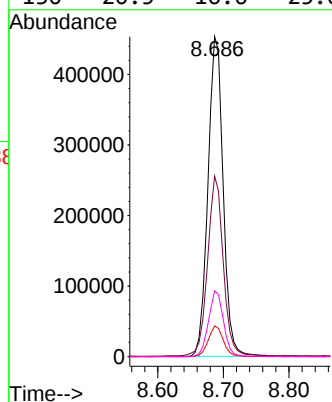
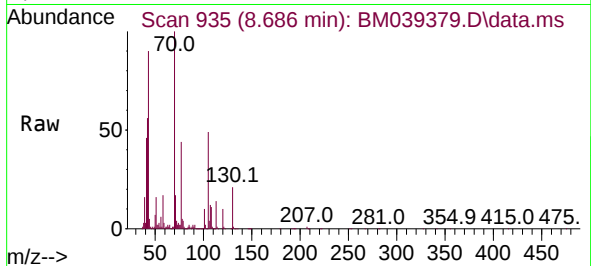
#19
n-Nitroso-di-n-propylamine
Concen: 51.486 ng
RT: 8.686 min Scan# 931
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

Instrument :
BNA_M
ClientSampleId :
SP-1DMSD

Tgt Ion: 70 Resp: 730945
Ion Ratio Lower Upper
70 100
42 56.4 42.2 63.2
101 9.6 7.6 11.4
130 20.5 16.6 25.0

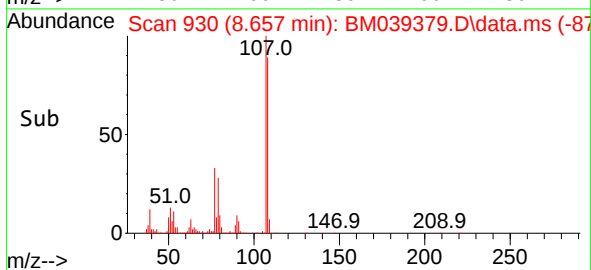
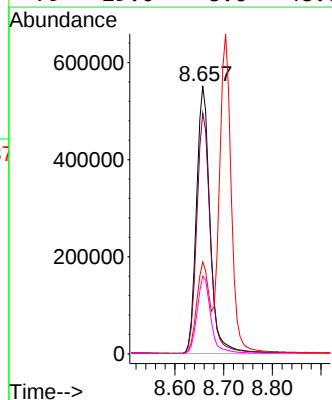
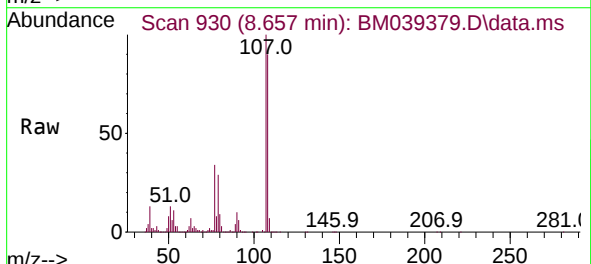
Manual Integrations
APPROVED

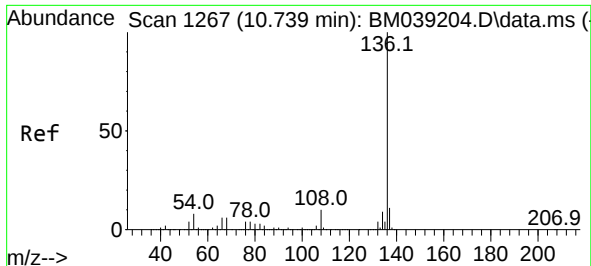
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023



#20
3+4-Methylphenols
Concen: 50.856 ng
RT: 8.657 min Scan# 930
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

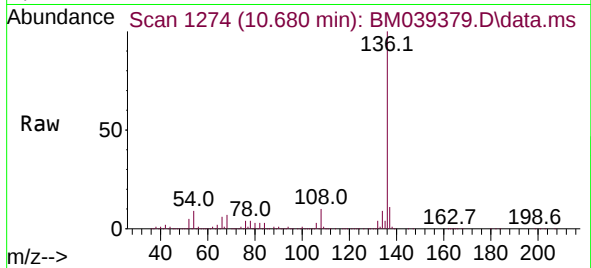
Tgt Ion:107 Resp: 1064108
Ion Ratio Lower Upper
107 100
108 89.9 72.1 112.1
77 34.3 13.7 53.7
79 29.0 8.6 48.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.680 min Scan# 1267
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

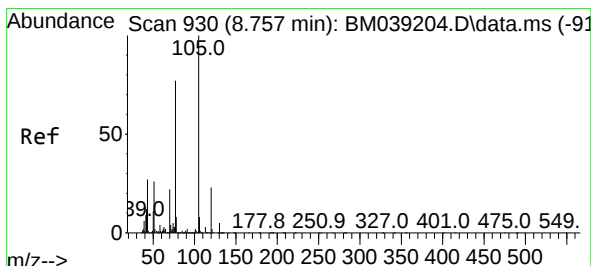
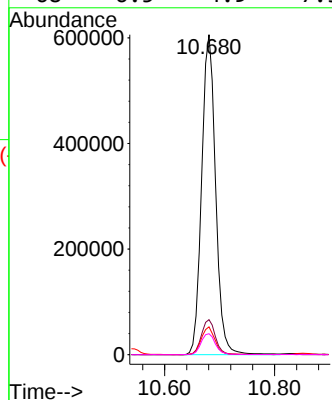
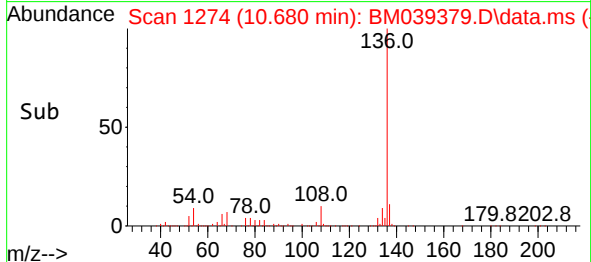
Instrument :
BNA_M
ClientSampleId :
SP-1DMSD



Tgt Ion:136 Resp: 1066081
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.7 6.2 9.4
68 6.5 4.9 7.3

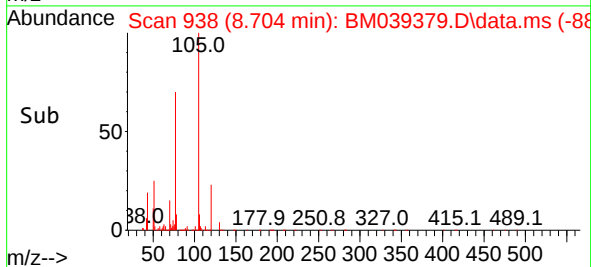
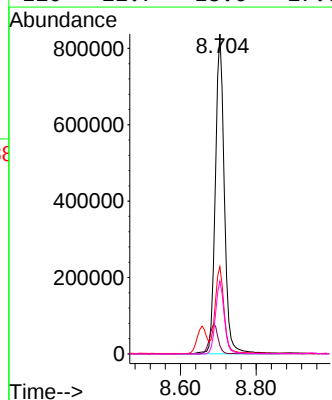
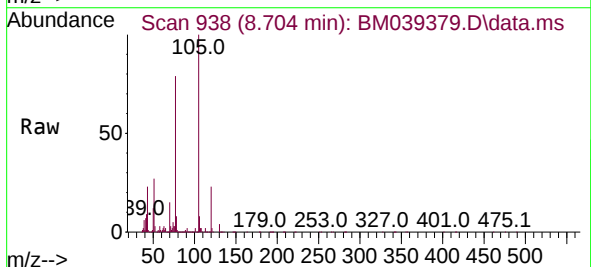
Manual Integrations
APPROVED

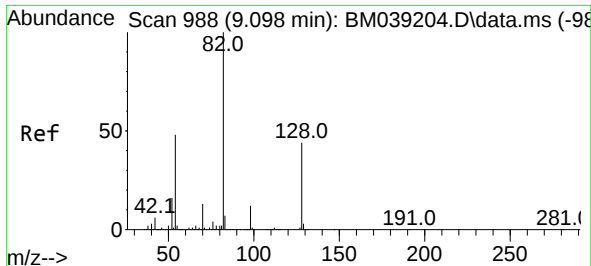
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023



#22
Acetophenone
Concen: 48.790 ng
RT: 8.704 min Scan# 938
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

Tgt Ion:105 Resp: 1390731
Ion Ratio Lower Upper
105 100
71 2.6 2.8 4.2#
51 27.2 20.6 31.0
120 22.7 18.0 27.0





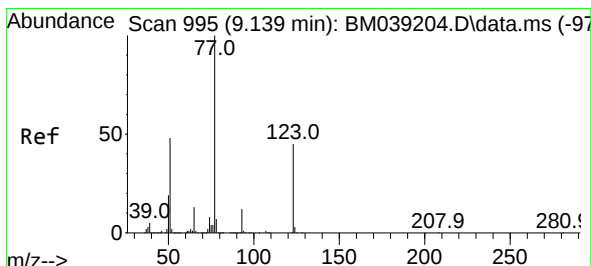
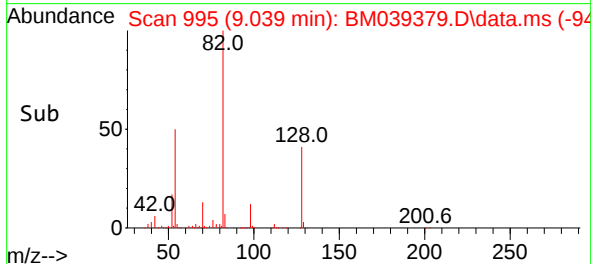
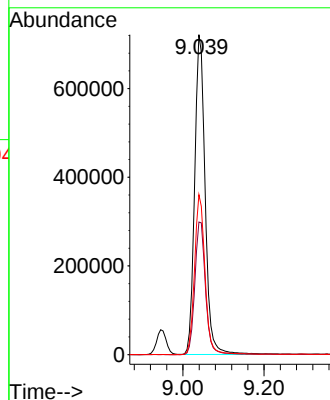
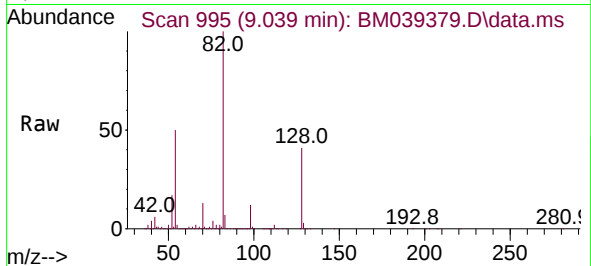
#23
Nitrobenzene-d5
Concen: 58.936 ng
RT: 9.039 min Scan# 995
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

Instrument :
BNA_M
ClientSampleId :
SP-1DMSD

Tgt Ion: 82 Resp: 129274
Ion Ratio Lower Upper
82 100
128 41.4 35.1 52.7
54 50.0 38.5 57.7

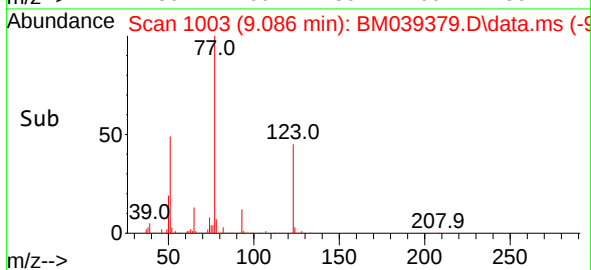
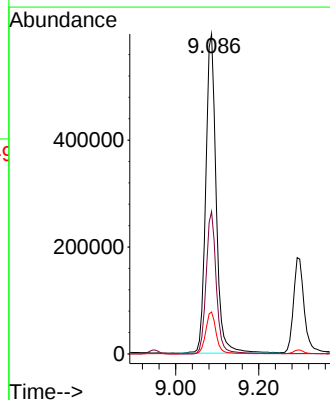
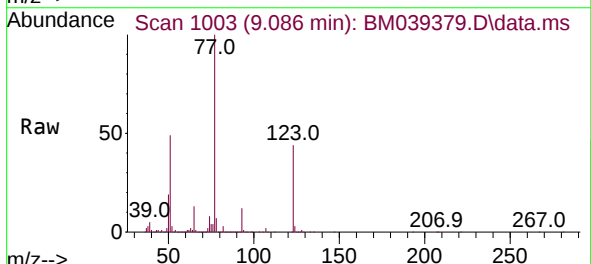
Manual Integrations
APPROVED

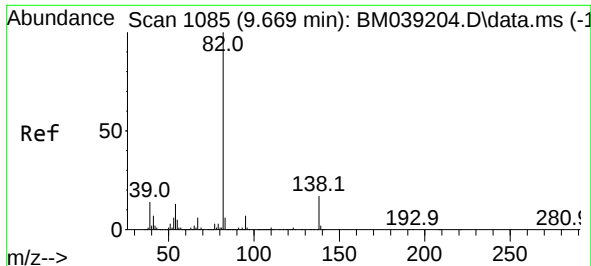
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023



#24
Nitrobenzene
Concen: 47.634 ng
RT: 9.086 min Scan# 1003
Delta R.T. 0.006 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

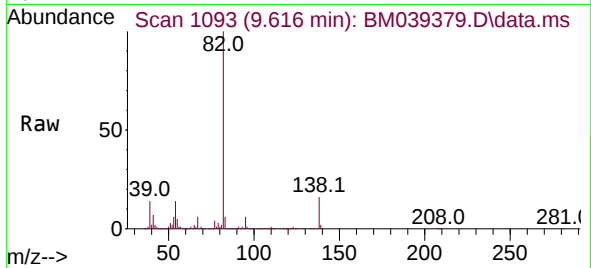
Tgt Ion: 77 Resp: 1039262
Ion Ratio Lower Upper
77 100
123 44.5 36.2 54.2
65 13.1 10.6 15.8





#25
Isophorone
Concen: 48.070 ng
RT: 9.616 min Scan# 1085
Delta R.T. 0.006 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

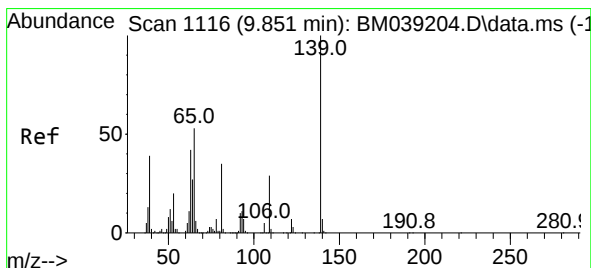
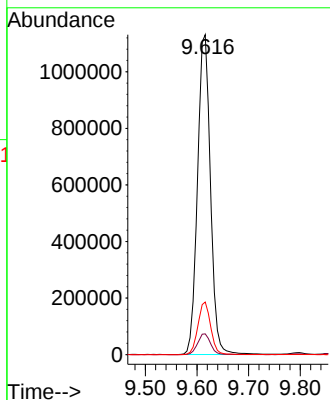
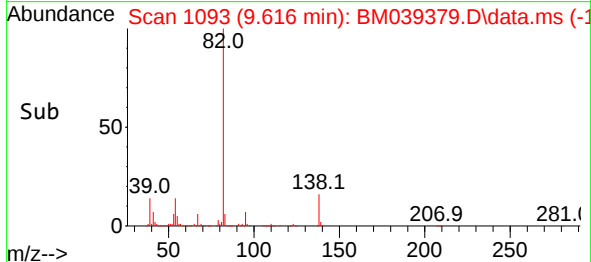
Instrument :
BNA_M
ClientSampleId :
SP-1DMSD



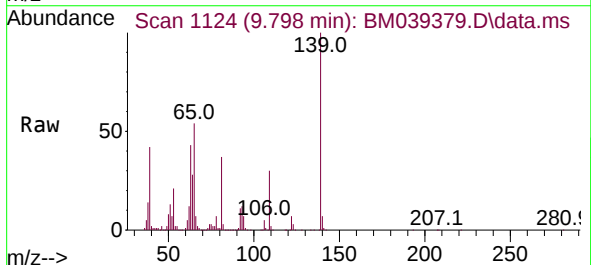
Tgt Ion: 82 Resp: 1967044
Ion Ratio Lower Upper
82 100
95 6.5 5.2 7.8
138 16.4 13.5 20.3

Manual Integrations
APPROVED

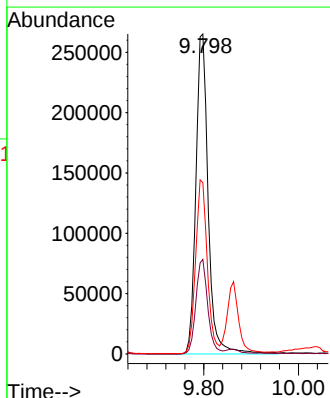
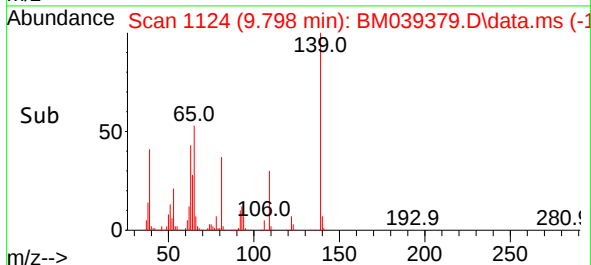
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

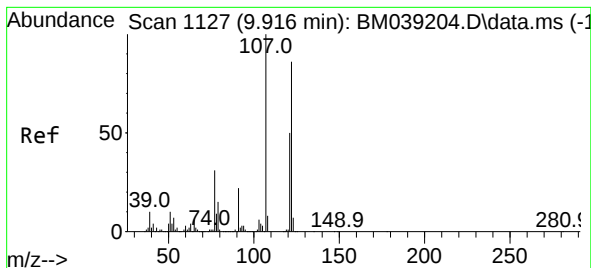


#26
2-Nitrophenol
Concen: 47.405 ng
RT: 9.798 min Scan# 1124
Delta R.T. 0.006 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04



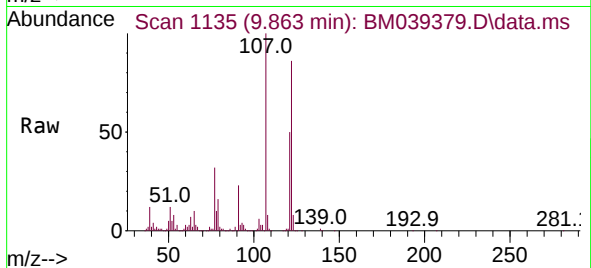
Tgt Ion:139 Resp: 478104
Ion Ratio Lower Upper
139 100
109 29.5 23.4 35.0
65 53.5 42.2 63.2





#27
2,4-Dimethylphenol
Concen: 50.792 ng
RT: 9.863 min Scan# 1127
Delta R.T. 0.006 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

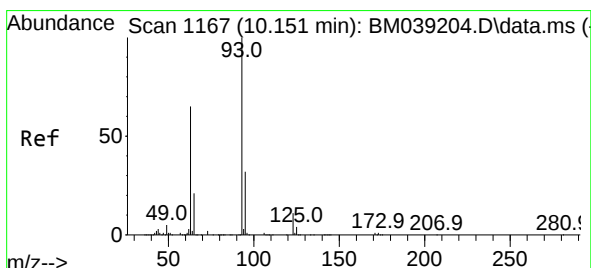
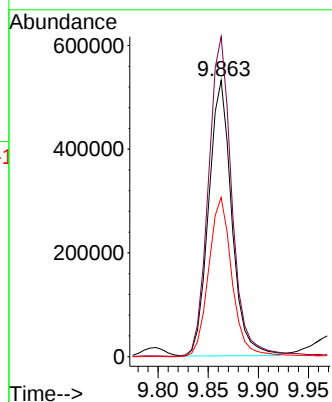
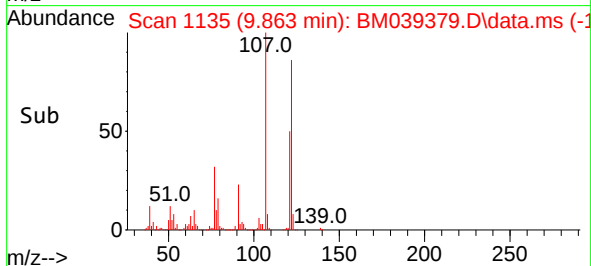
Instrument :
BNA_M
ClientSampleId :
SP-1DMSD



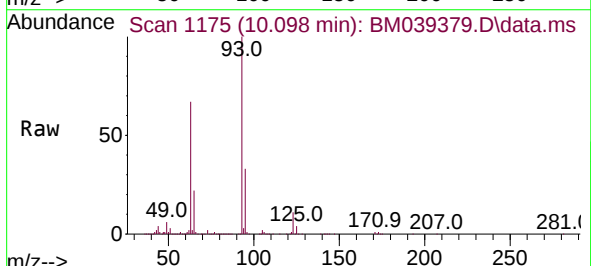
Tgt Ion:122 Resp: 851122
Ion Ratio Lower Upper
122 100
107 115.9 92.3 138.5
121 57.6 46.3 69.5

Manual Integrations
APPROVED

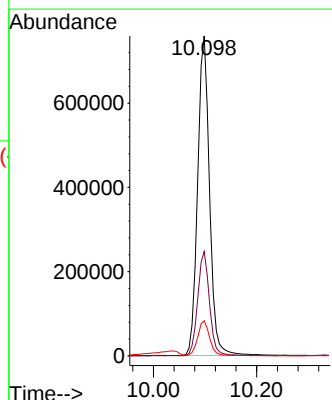
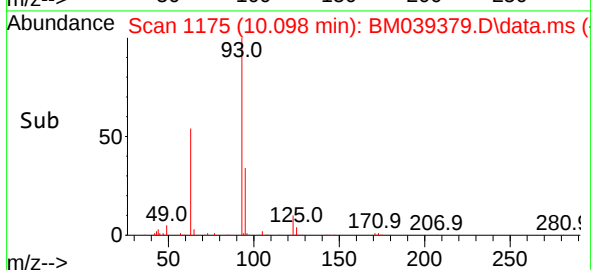
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

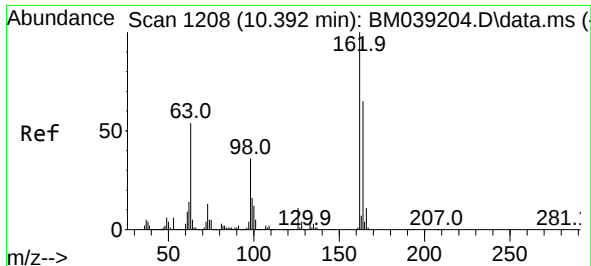


#28
bis(2-Chloroethoxy)methane
Concen: 48.925 ng
RT: 10.098 min Scan# 1175
Delta R.T. 0.006 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04



Tgt Ion: 93 Resp: 1211916
Ion Ratio Lower Upper
93 100
95 32.6 25.8 38.8
123 11.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 51.326 ng

RT: 10.333 min Scan# 1215

Delta R.T. -0.000 min

Lab File: BM039379.D

Acq: 10 Apr 2023 16:04

Instrument :

BNA_M

ClientSampleId :

SP-1DMSD

Tgt Ion:162 Resp: 839154

Ion Ratio Lower Upper

162 100

164 63.2 44.8 84.8

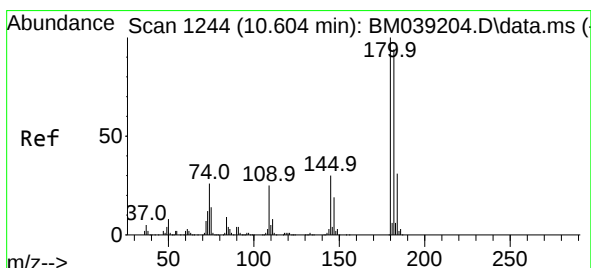
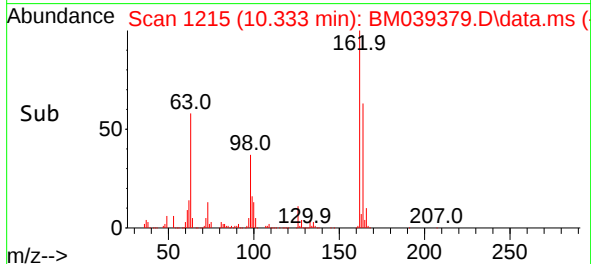
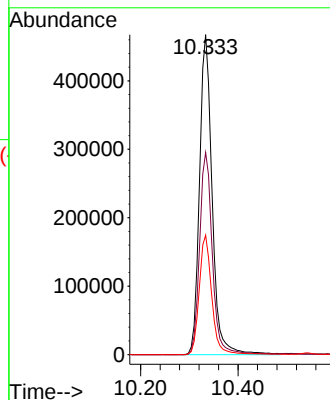
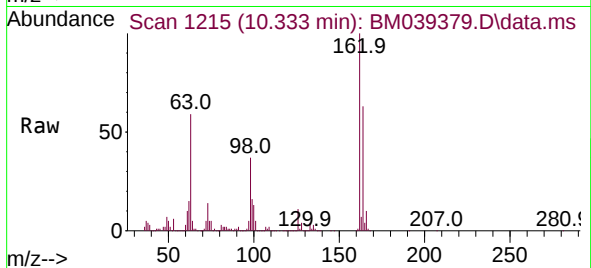
98 37.3 16.0 56.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/11/2023

Supervised By :Jagrut Upadhyay 04/11/2023



#30

1,2,4-Trichlorobenzene

Concen: 48.248 ng

RT: 10.545 min Scan# 1251

Delta R.T. 0.006 min

Lab File: BM039379.D

Acq: 10 Apr 2023 16:04

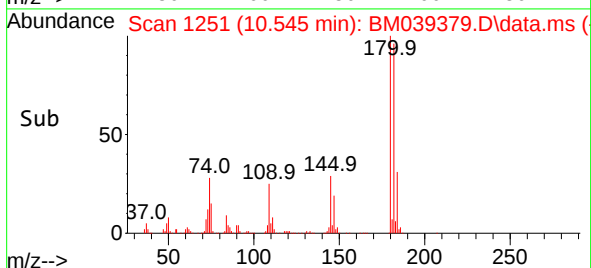
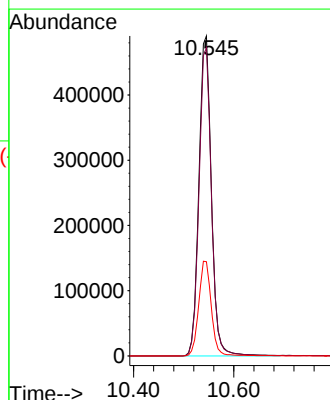
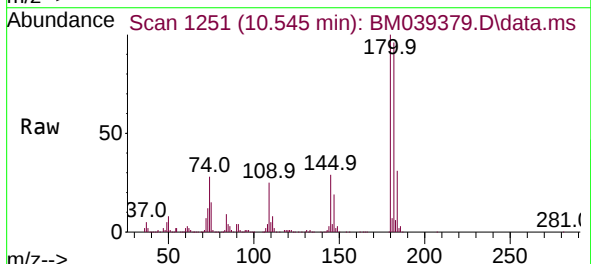
Tgt Ion:180 Resp: 843914

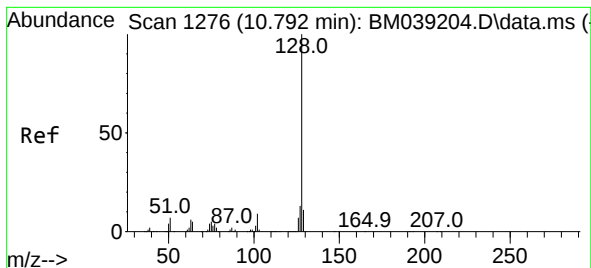
Ion Ratio Lower Upper

180 100

182 96.3 75.2 112.8

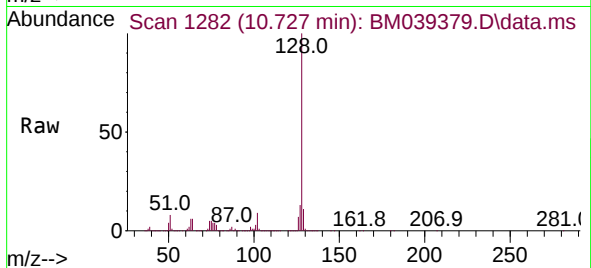
145 29.4 23.9 35.9





#31
Naphthalene
Concen: 47.328 ng
RT: 10.727 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

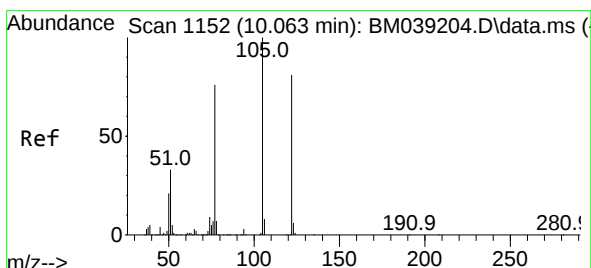
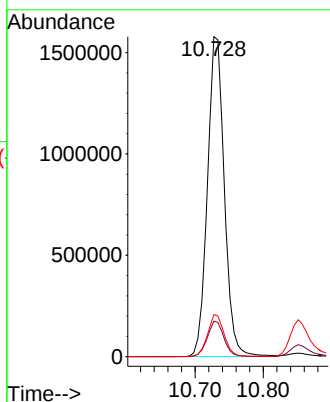
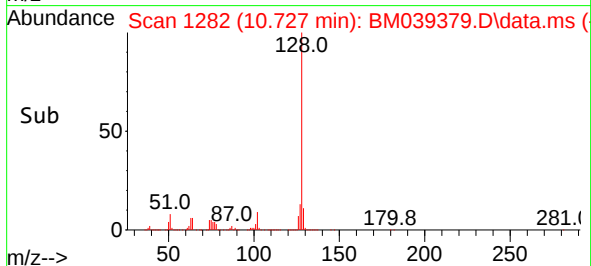
Instrument :
BNA_M
ClientSampleId :
SP-1DMSD



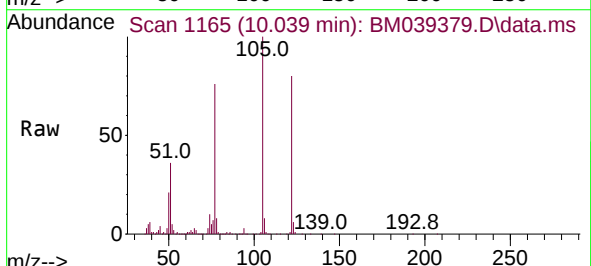
Tgt Ion:128 Resp: 2718716
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.1 10.3 15.5

Manual Integrations
APPROVED

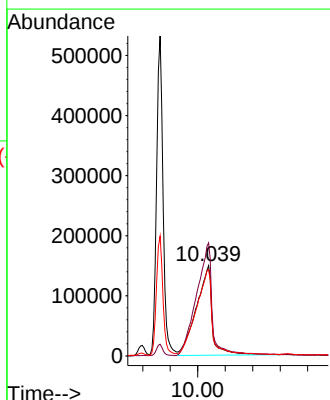
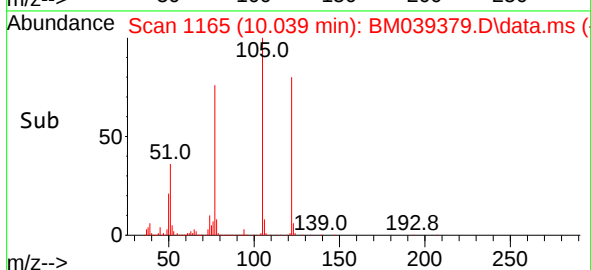
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

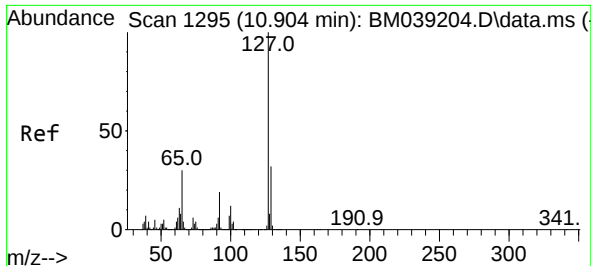


#32
Benzoic acid
Concen: 46.254 ng
RT: 10.039 min Scan# 1165
Delta R.T. 0.023 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04



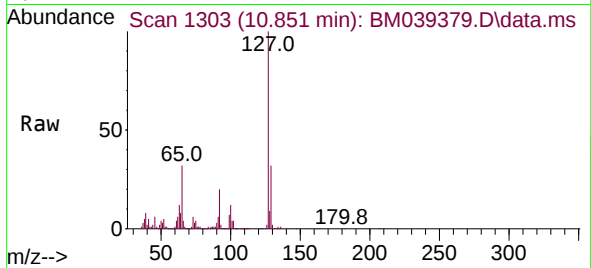
Tgt Ion:122 Resp: 604107
Ion Ratio Lower Upper
122 100
105 125.4 103.1 143.1
77 95.9 74.6 114.6





#33
4-Chloroaniline
Concen: 15.433 ng
RT: 10.851 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

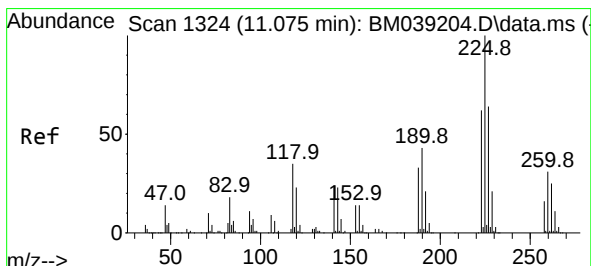
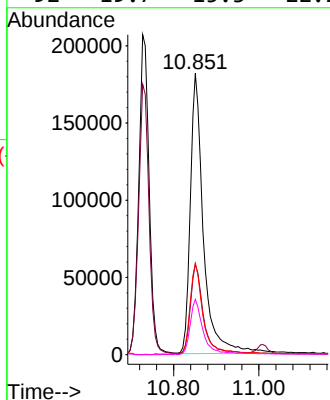
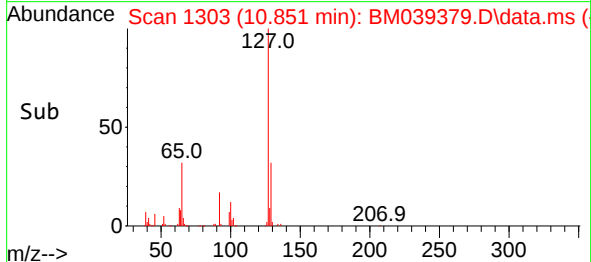
Instrument :
BNA_M
ClientSampleId :
SP-1DMSD



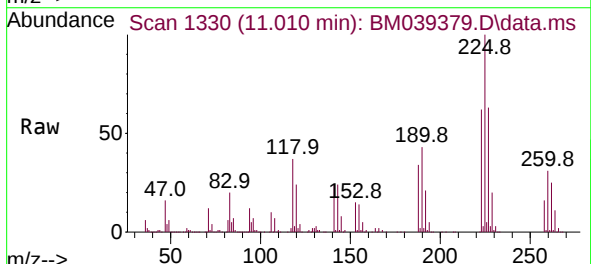
Tgt Ion:127 Resp: 388395
Ion Ratio Lower Upper
127 100
129 32.2 25.7 38.5
65 32.5 24.1 36.1
92 19.7 15.3 22.9

Manual Integrations
APPROVED

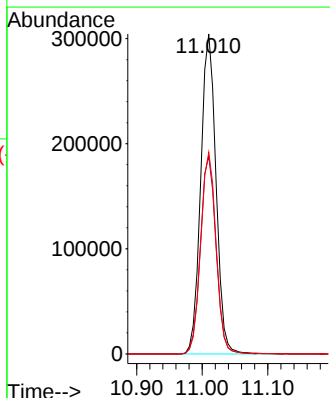
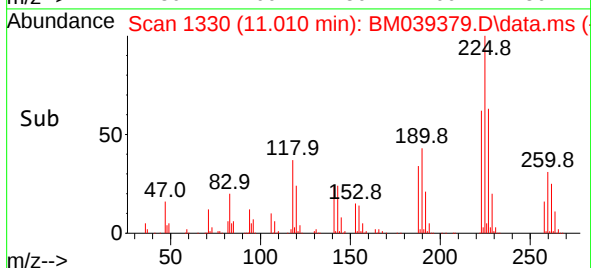
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

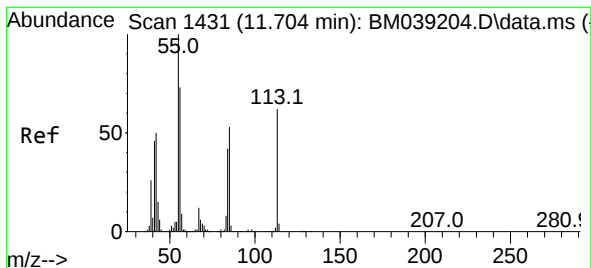


#34
Hexachlorobutadiene
Concen: 47.651 ng
RT: 11.010 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04



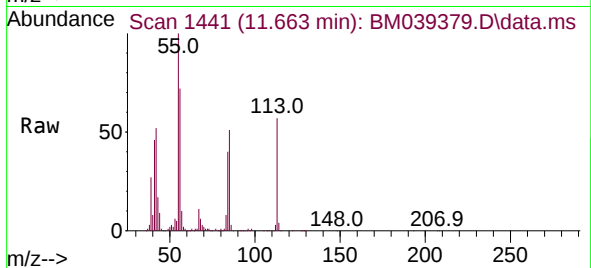
Tgt Ion:225 Resp: 490100
Ion Ratio Lower Upper
225 100
223 61.7 49.8 74.6
227 63.0 51.6 77.4





#35
Caprolactam
Concen: 44.112 ng
RT: 11.663 min Scan# 1431
Delta R.T. 0.012 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

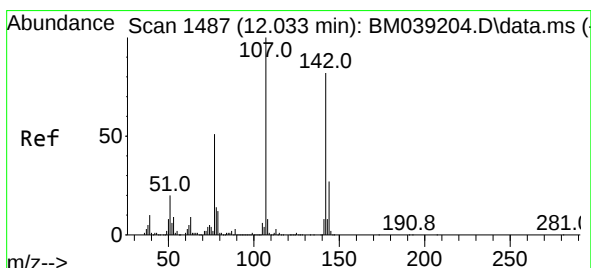
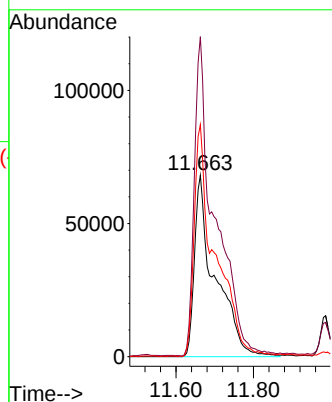
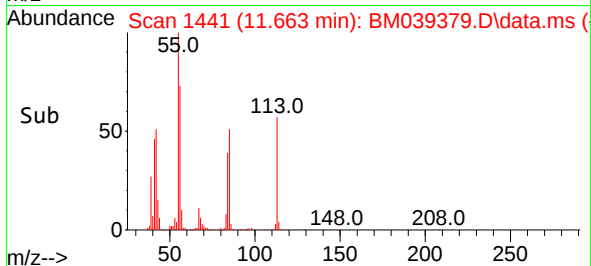
Instrument :
BNA_M
ClientSampleId :
SP-1DMSD



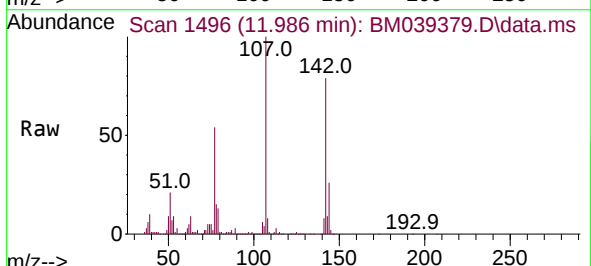
Tgt Ion:113 Resp: 250419
Ion Ratio Lower Upper
113 100
55 176.5 141.8 181.8
56 127.9 98.3 138.3

Manual Integrations
APPROVED

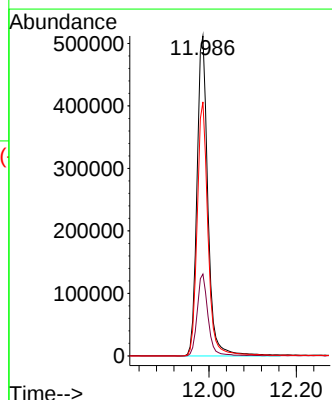
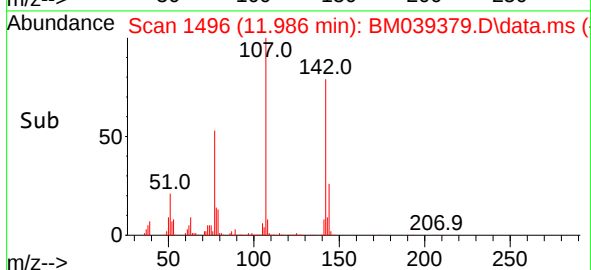
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

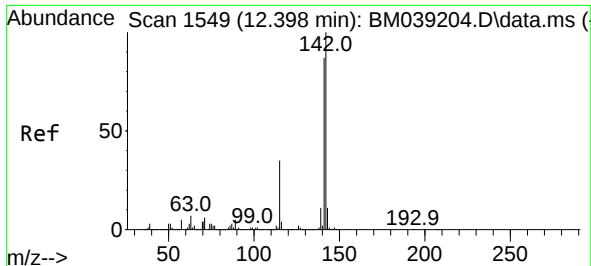


#36
4-Chloro-3-methylphenol
Concen: 49.225 ng
RT: 11.986 min Scan# 1496
Delta R.T. 0.006 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04



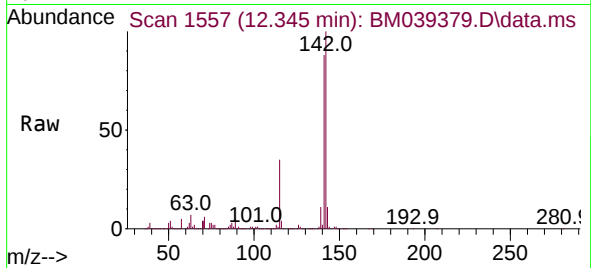
Tgt Ion:107 Resp: 887958
Ion Ratio Lower Upper
107 100
144 25.6 21.4 32.2
142 79.4 65.2 97.8





#37
2-Methylnaphthalene
Concen: 46.070 ng
RT: 12.345 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

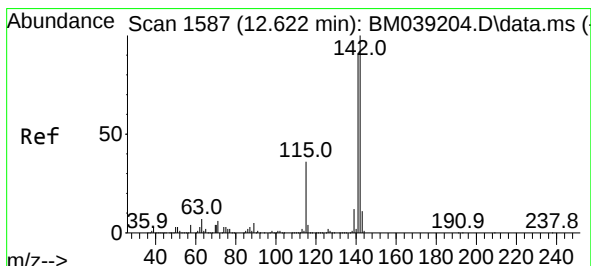
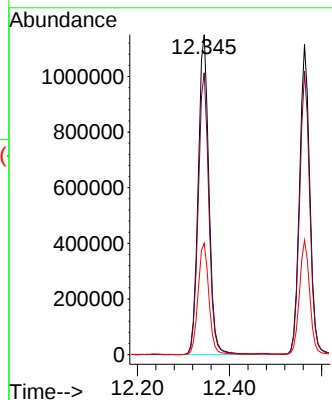
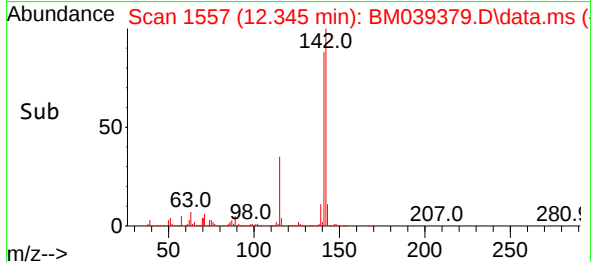
Instrument :
BNA_M
ClientSampleId :
SP-1DMSD



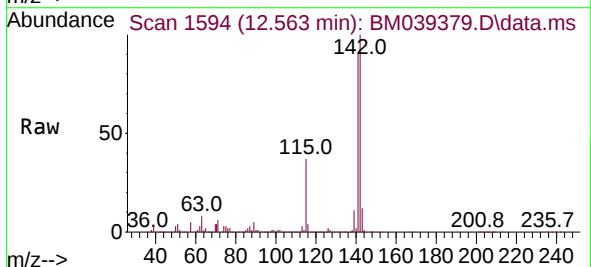
Tgt Ion:142 Resp: 1842334
Ion Ratio Lower Upper
142 100
141 88.1 69.8 104.8
115 34.8 27.8 41.8

Manual Integrations
APPROVED

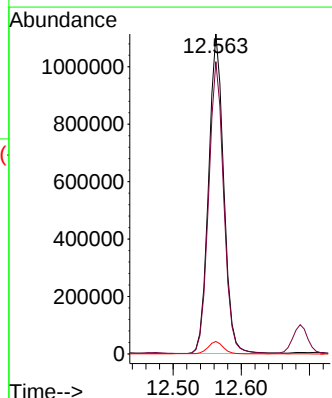
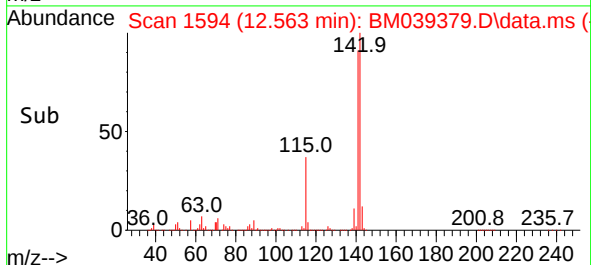
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

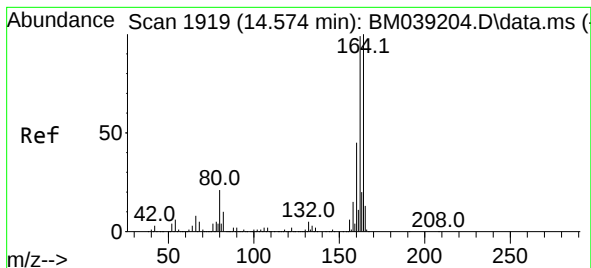


#38
1-Methylnaphthalene
Concen: 45.871 ng
RT: 12.563 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04



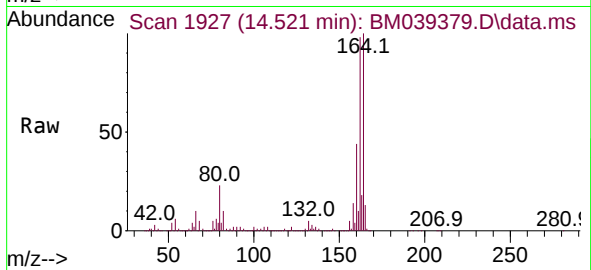
Tgt Ion:142 Resp: 1717614
Ion Ratio Lower Upper
142 100
141 91.3 73.2 109.8
116 3.9 3.0 4.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.521 min Scan# 1919
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

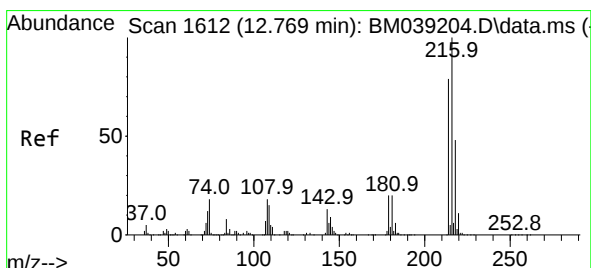
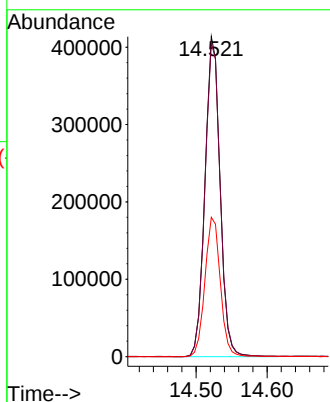
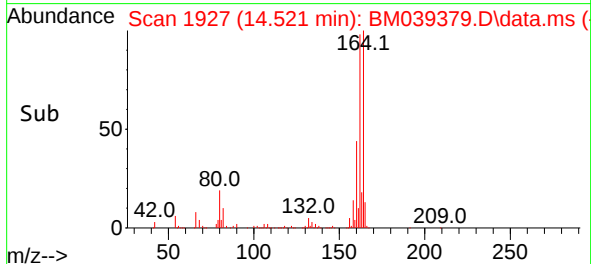
Instrument :
BNA_M
ClientSampleId :
SP-1DMSD



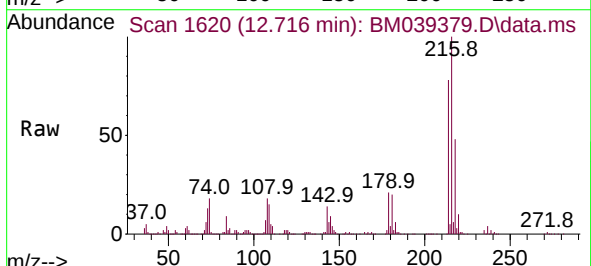
Tgt Ion:164 Resp: 608458
Ion Ratio Lower Upper
164 100
162 98.1 79.1 118.7
160 43.5 35.8 53.8

Manual Integrations
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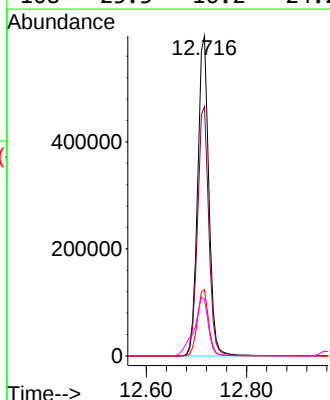
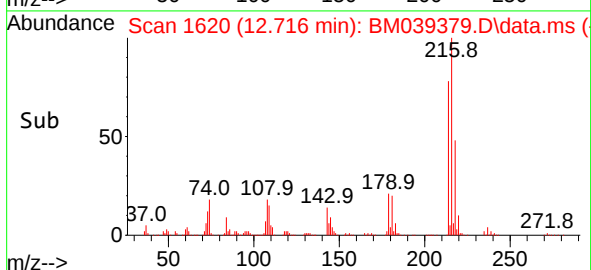
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

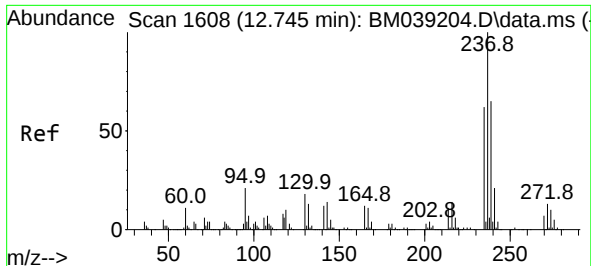


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.929 ng
RT: 12.716 min Scan# 1620
Delta R.T. 0.006 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04



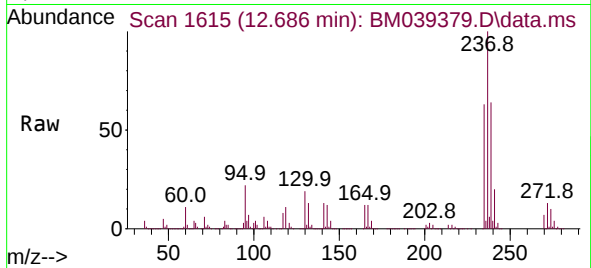
Tgt Ion:216 Resp: 924950
Ion Ratio Lower Upper
216 100
214 78.6 62.8 94.2
179 20.8 16.8 25.2
108 23.3 16.2 24.2





#41
Hexachlorocyclopentadiene
Concen: 118.929 ng
RT: 12.686 min Scan# 10
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

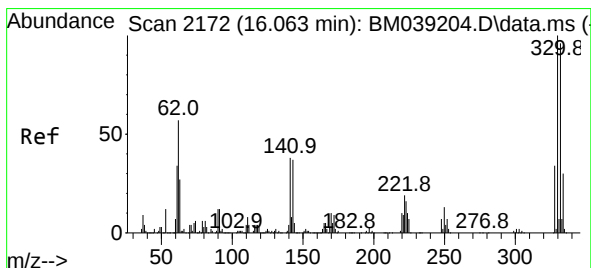
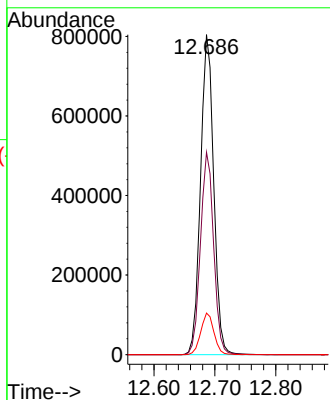
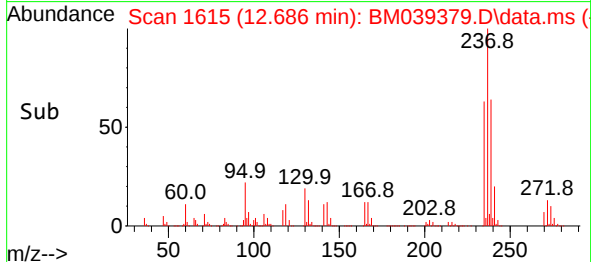
Instrument :
BNA_M
ClientSampleId :
SP-1DMSD



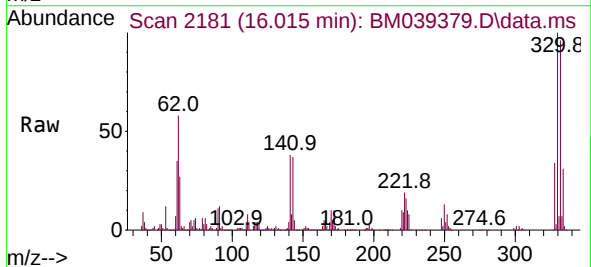
Tgt Ion: 237 Resp: 1203635
Ion Ratio Lower Upper
237 100
235 63.2 41.6 81.6
272 13.0 0.0 33.2

Manual Integrations
APPROVED

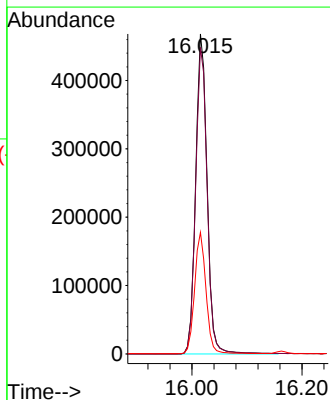
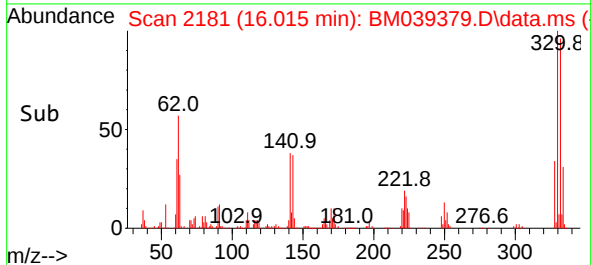
Reviewed By : Christian Giraldo 04/11/2023
Supervised By : Jagrut Upadhyay 04/11/2023

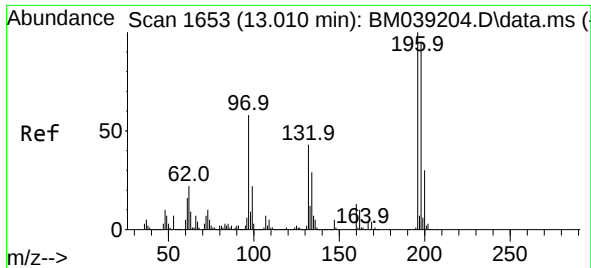


#42
2,4,6-Tribromophenol
Concen: 87.441 ng
RT: 16.015 min Scan# 2181
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04



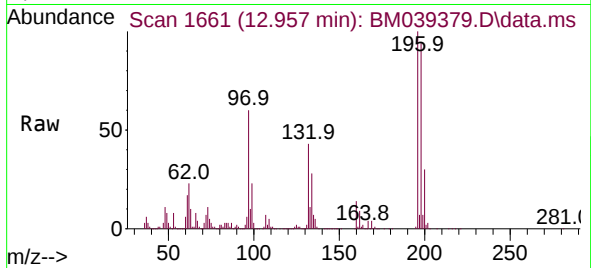
Tgt Ion: 330 Resp: 675376
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.0
141 37.8 29.8 44.6





#43
2,4,6-Trichlorophenol
Concen: 49.647 ng
RT: 12.957 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

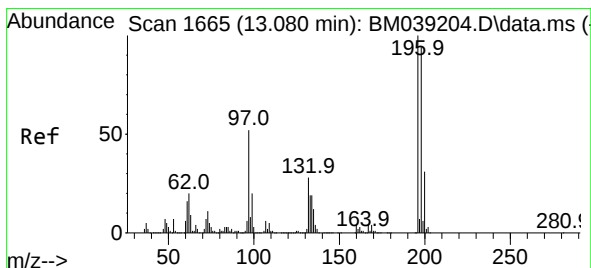
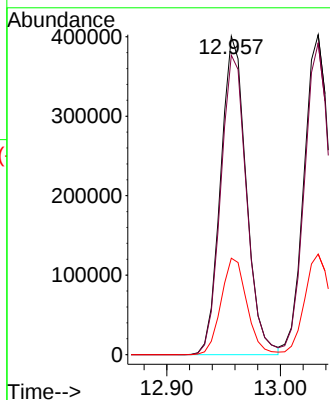
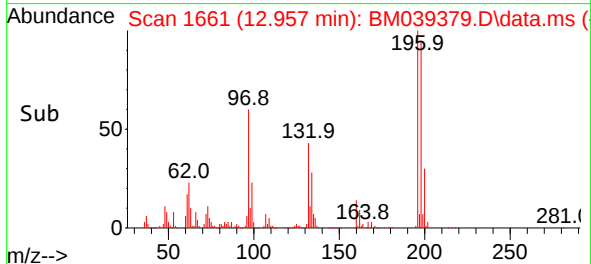
Instrument :
BNA_M
ClientSampleId :
SP-1DMSD



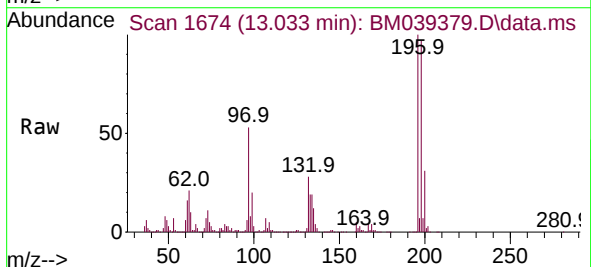
Tgt Ion:196 Resp: 62724
Ion Ratio Lower Upper
196 100
198 94.1 76.2 114.2
200 30.3 24.2 36.2

Manual Integrations
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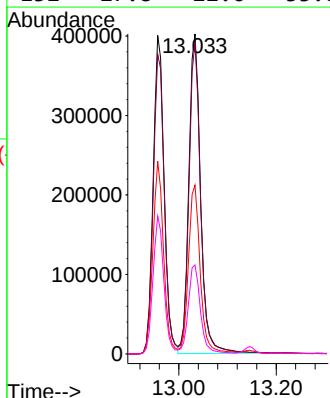
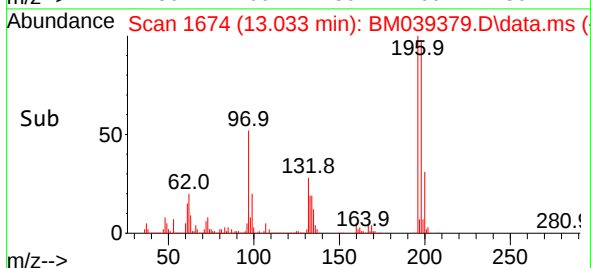
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

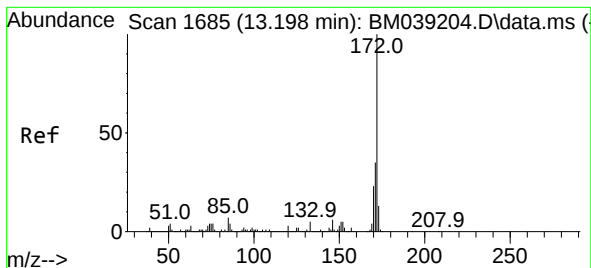


#44
2,4,5-Trichlorophenol
Concen: 45.635 ng
RT: 13.033 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04



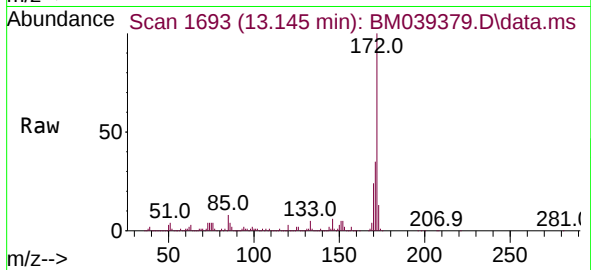
Tgt Ion:196 Resp: 675904
Ion Ratio Lower Upper
196 100
198 97.4 75.2 112.8
97 52.7 41.4 62.0
132 27.8 22.6 33.8





#45
2-Fluorobiphenyl
Concen: 59.514 ng
RT: 13.145 min Scan# 1685
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

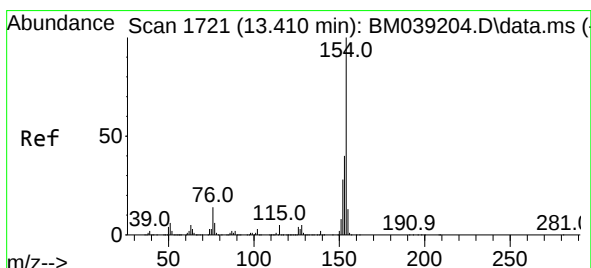
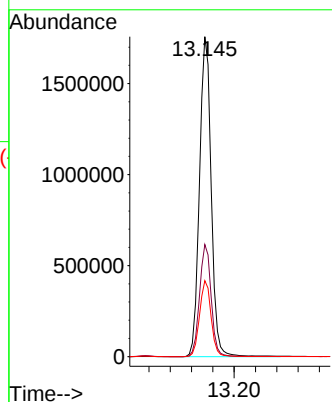
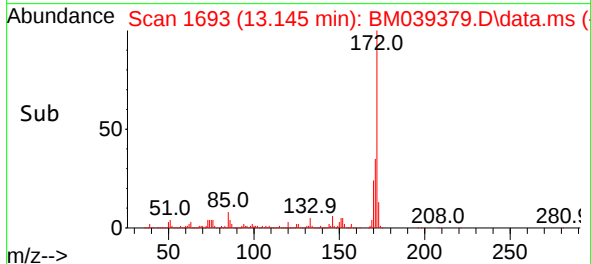
Instrument :
BNA_M
ClientSampleId :
SP-1DMSD



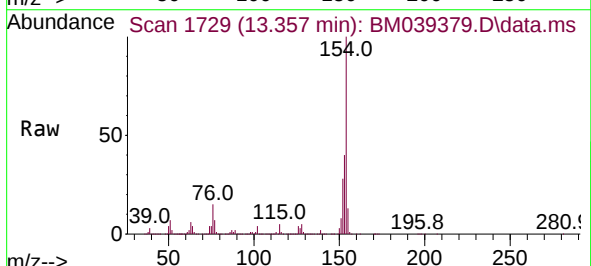
Tgt Ion:172 Resp: 2672627
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 23.7 18.7 28.1

Manual Integrations
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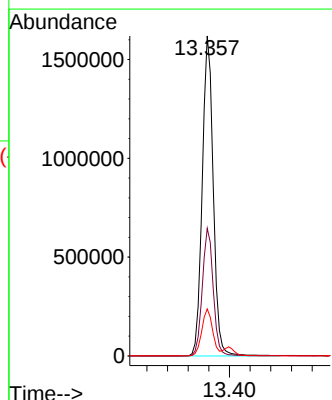
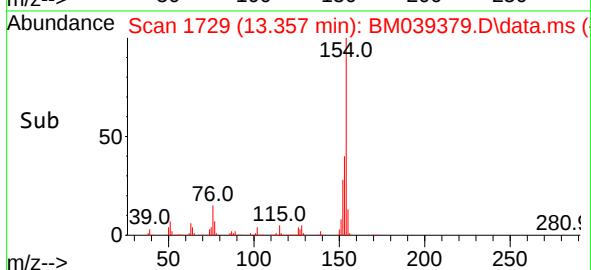
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

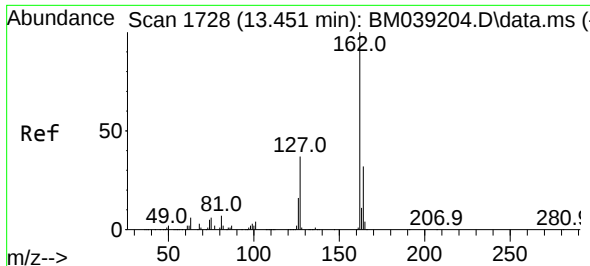


#46
1,1'-Biphenyl
Concen: 49.847 ng
RT: 13.357 min Scan# 1729
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04



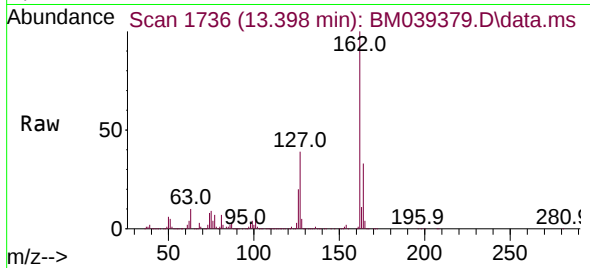
Tgt Ion:154 Resp: 2395086
Ion Ratio Lower Upper
154 100
153 39.9 19.9 59.9
76 14.7 0.0 33.5





#47
2-Chloronaphthalene
Concen: 49.288 ng
RT: 13.398 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

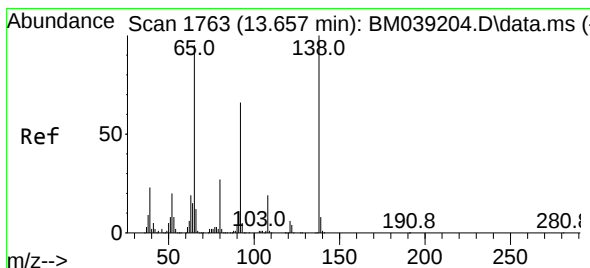
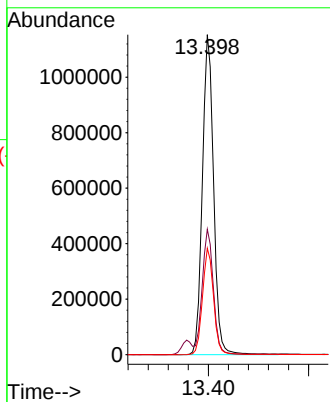
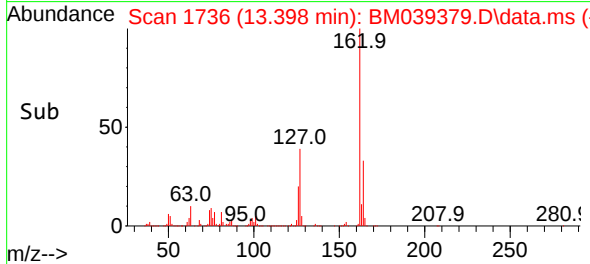
Instrument :
BNA_M
ClientSampleId :
SP-1DMSD



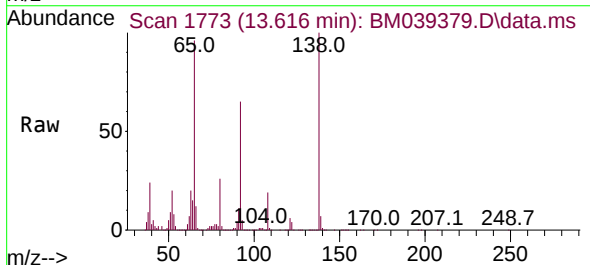
Tgt Ion:162 Resp: 1793143
Ion Ratio Lower Upper
162 100
127 39.2 31.4 47.0
164 33.2 25.7 38.5

Manual Integrations
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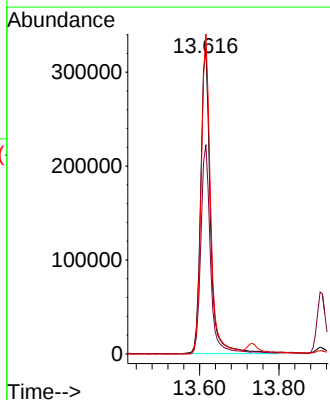
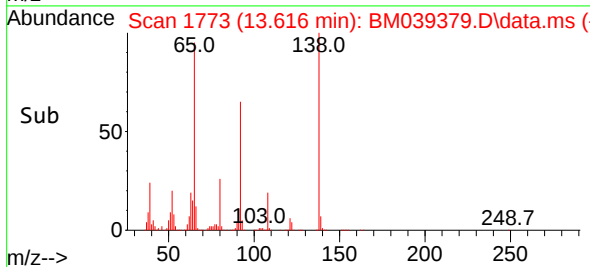
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

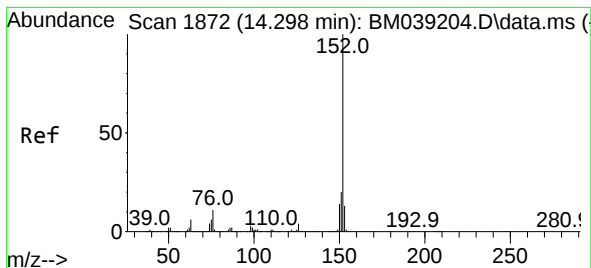


#48
2-Nitroaniline
Concen: 45.360 ng
RT: 13.616 min Scan# 1773
Delta R.T. 0.006 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04



Tgt Ion: 65 Resp: 555336
Ion Ratio Lower Upper
65 100
92 68.4 55.7 83.5
138 104.7 84.5 126.7





#49

Acenaphthylene

Concen: 47.230 ng

RT: 14.245 min Scan# 1880

Delta R.T. -0.000 min

Lab File: BM039379.D

Acq: 10 Apr 2023 16:04

Instrument :

BNA_M

ClientSampleId :

SP-1DMSD

Tgt Ion:152 Resp: 2824039

Ion Ratio Lower Upper

152 100

151 19.8 15.7 23.5

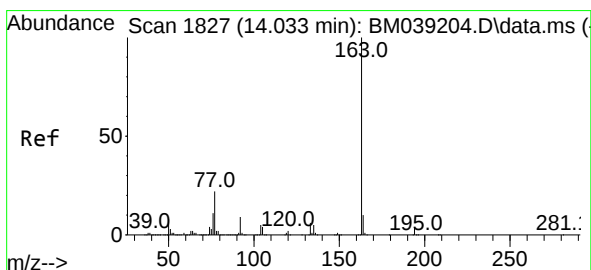
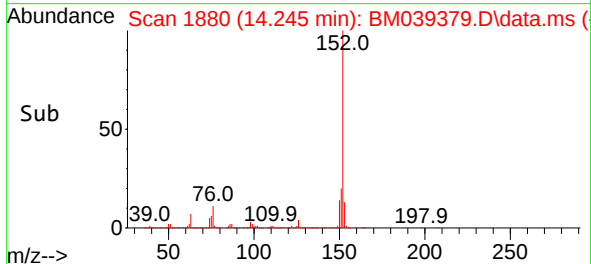
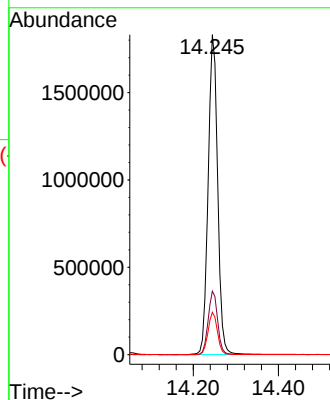
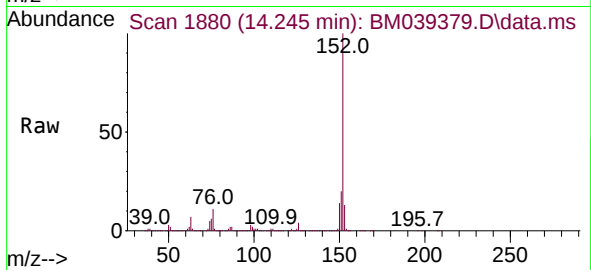
153 13.2 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/11/2023

Supervised By :Jagrut Upadhyay 04/11/2023



#50

Dimethylphthalate

Concen: 45.670 ng

RT: 13.992 min Scan# 1837

Delta R.T. 0.006 min

Lab File: BM039379.D

Acq: 10 Apr 2023 16:04

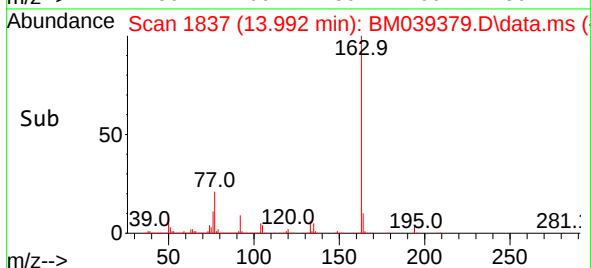
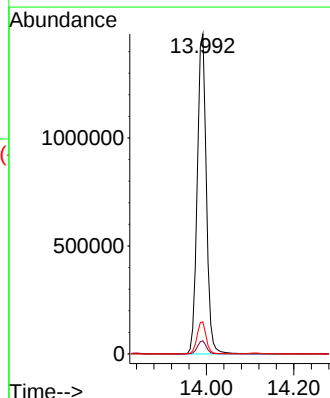
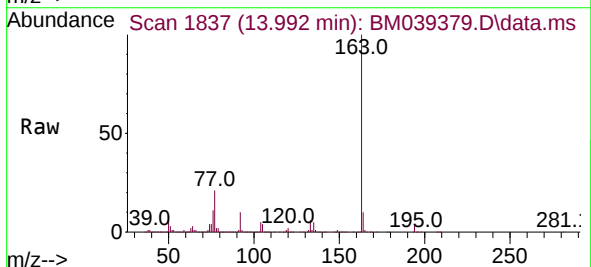
Tgt Ion:163 Resp: 2141552

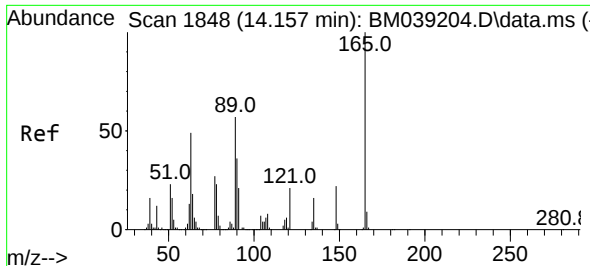
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

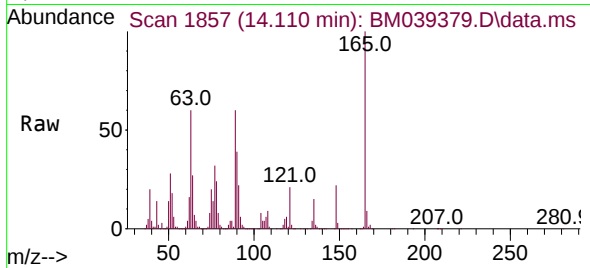
164 10.0 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 46.190 ng
RT: 14.110 min Scan# 1848
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

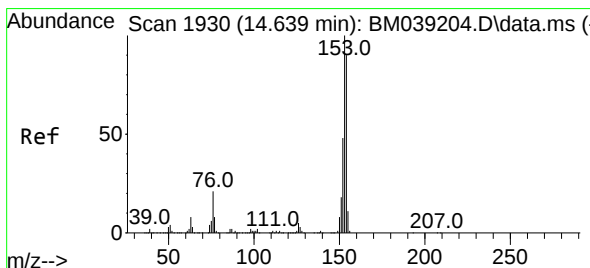
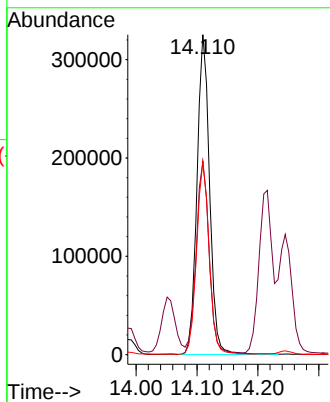
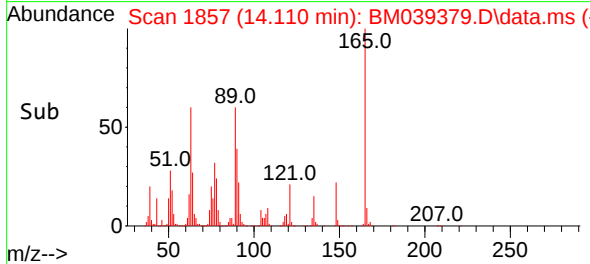
Instrument :
BNA_M
ClientSampleId :
SP-1DMSD



Tgt Ion:165 Resp: 465773
Ion Ratio Lower Upper
165 100
63 60.4 44.9 67.3
89 60.2 45.4 68.0

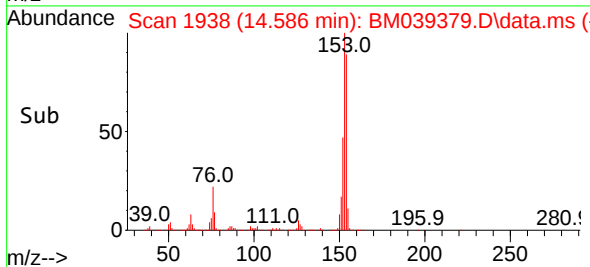
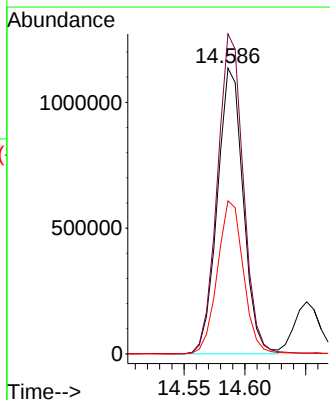
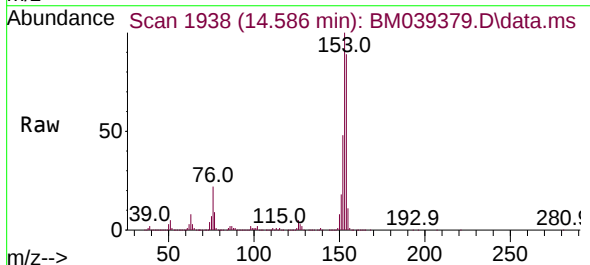
Manual Integrations
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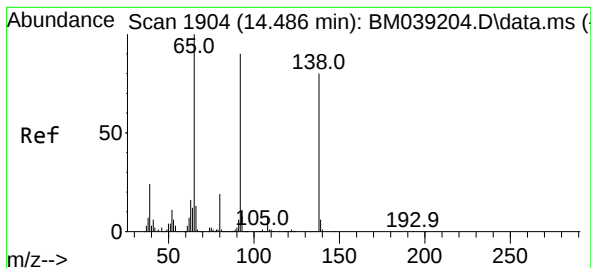
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023



#52
Acenaphthene
Concen: 47.682 ng
RT: 14.586 min Scan# 1938
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

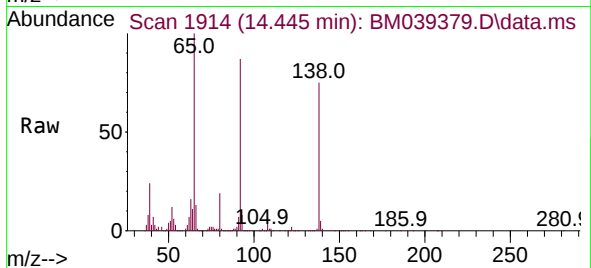
Tgt Ion:154 Resp: 1683517
Ion Ratio Lower Upper
154 100
153 112.0 89.1 133.7
152 53.5 42.6 64.0





#53
3-Nitroaniline
Concen: 24.217 ng
RT: 14.445 min Scan# 1904
Delta R.T. 0.006 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

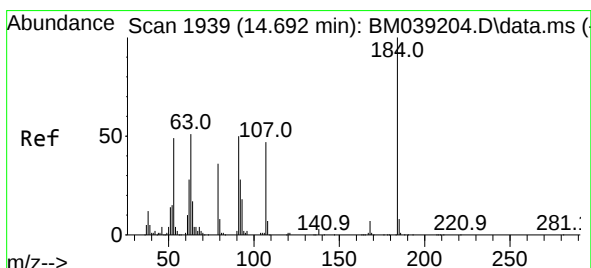
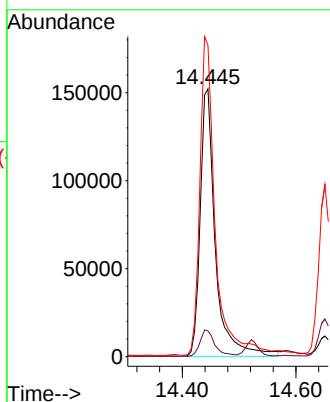
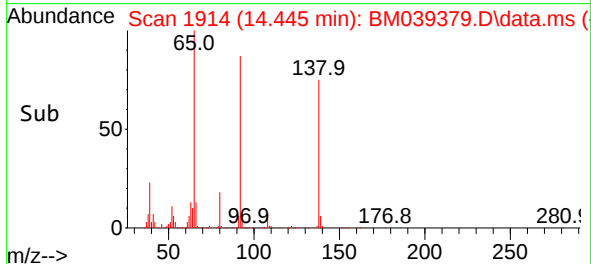
Instrument :
BNA_M
ClientSampleId :
SP-1DMSD



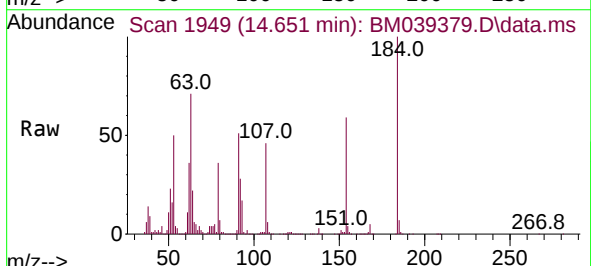
Tgt Ion:138 Resp: 282312
Ion Ratio Lower Upper
138 100
108 9.6 8.0 12.0
92 116.4 90.8 136.2

Manual Integrations
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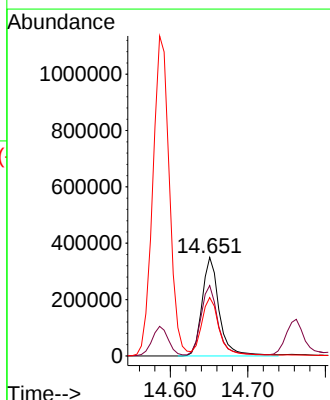
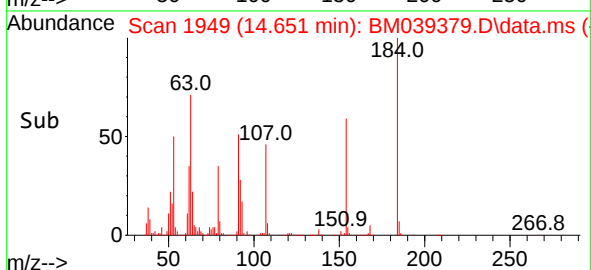
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

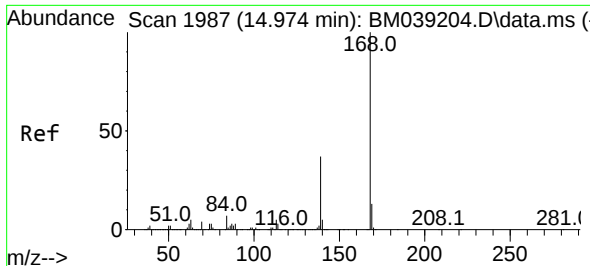


#54
2,4-Dinitrophenol
Concen: 89.809 ng
RT: 14.651 min Scan# 1949
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04



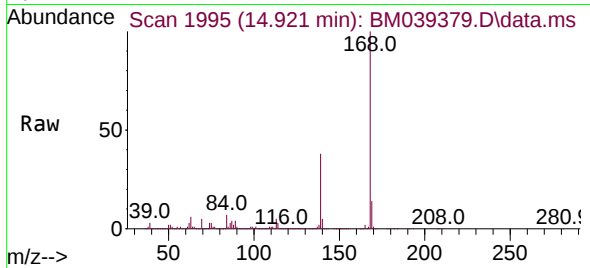
Tgt Ion:184 Resp: 536323
Ion Ratio Lower Upper
184 100
63 71.4 56.4 84.6
154 59.3 48.7 73.1





#55
Dibenzofuran
Concen: 46.253 ng
RT: 14.921 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

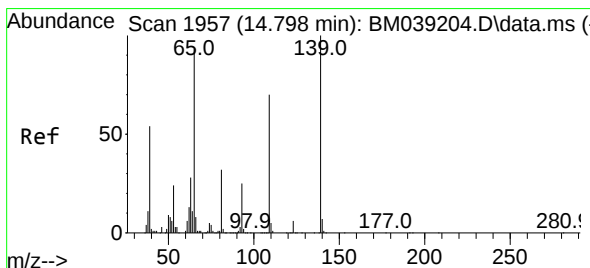
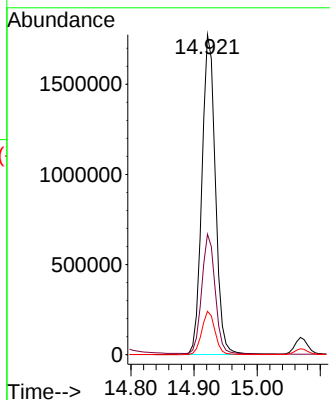
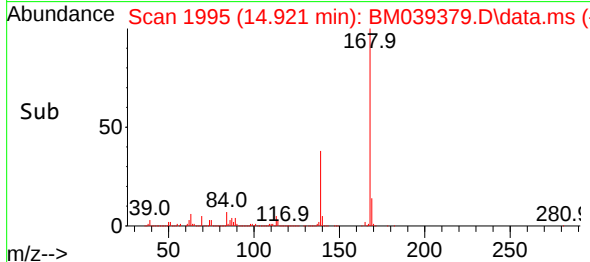
Instrument :
BNA_M
ClientSampleId :
SP-1DMSD



Tgt Ion:168 Resp: 2629133
Ion Ratio Lower Upper
168 100
139 37.6 29.4 44.2
169 13.5 10.6 15.8

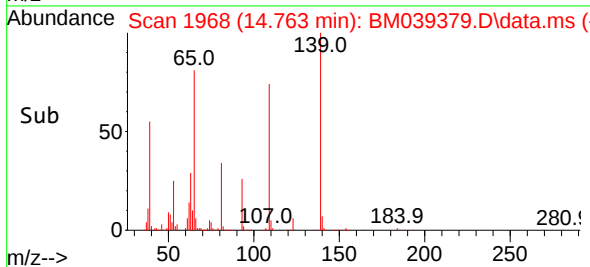
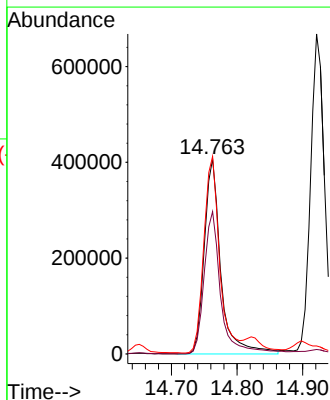
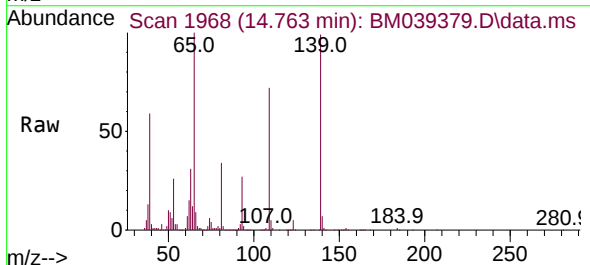
Manual Integrations
APPROVED

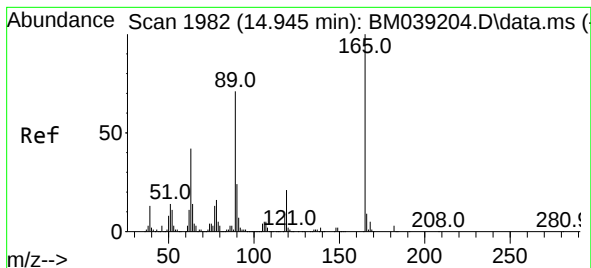
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023



#56
4-Nitrophenol
Concen: 79.186 ng
RT: 14.763 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

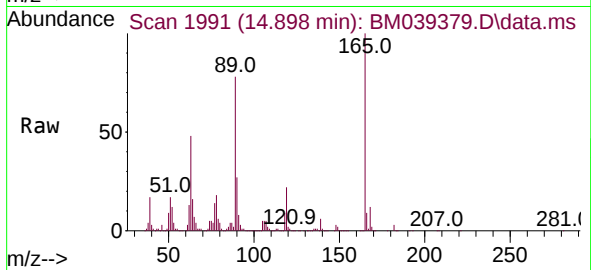
Tgt Ion:139 Resp: 711826
Ion Ratio Lower Upper
139 100
109 73.0 49.6 89.6
65 101.3 72.9 112.9





#57
2,4-Dinitrotoluene
Concen: 44.543 ng
RT: 14.898 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

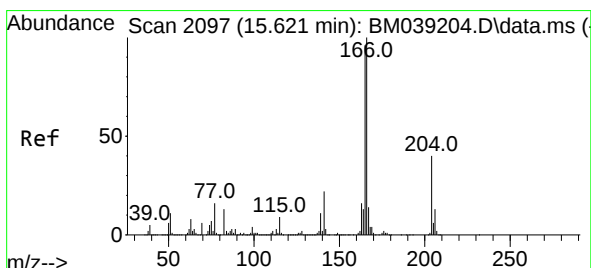
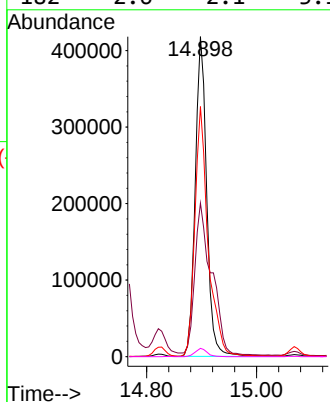
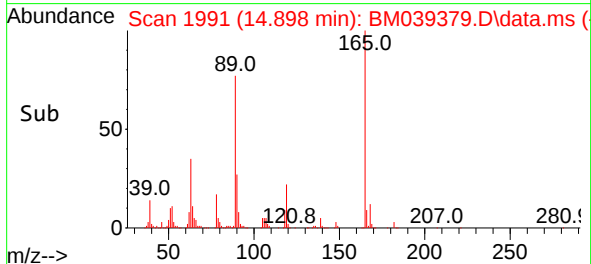
Instrument :
BNA_M
ClientSampleId :
SP-1DMSD



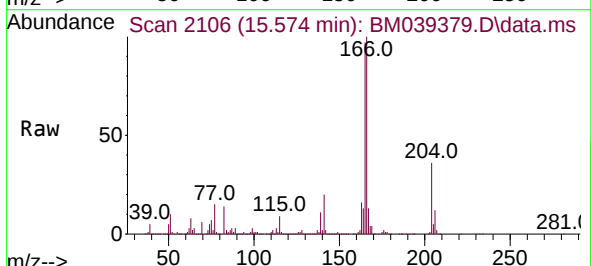
Tgt Ion:165 Resp: 607621
Ion Ratio Lower Upper
165 100
63 48.0 33.5 50.3
89 78.1 56.7 85.1
182 2.6 2.1 3.1

Manual Integrations
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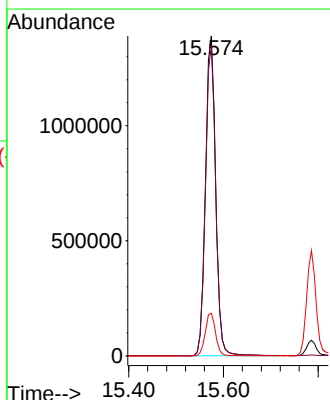
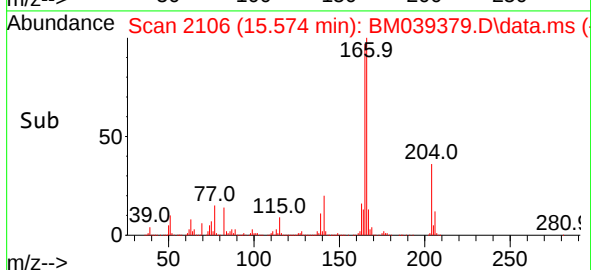
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

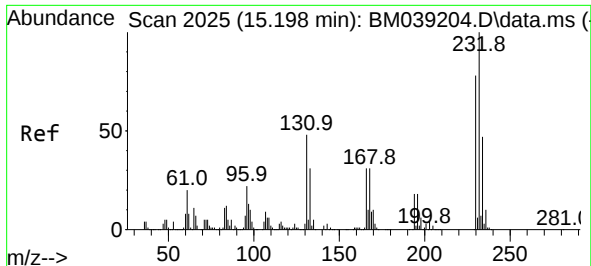


#58
Fluorene
Concen: 46.234 ng
RT: 15.574 min Scan# 2106
Delta R.T. 0.006 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04



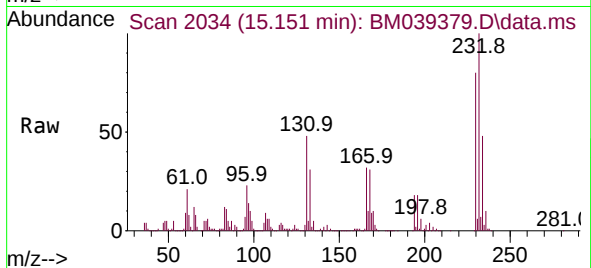
Tgt Ion:166 Resp: 2081063
Ion Ratio Lower Upper
166 100
165 96.9 76.9 115.3
167 13.3 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.047 ng
RT: 15.151 min Scan# 2067
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

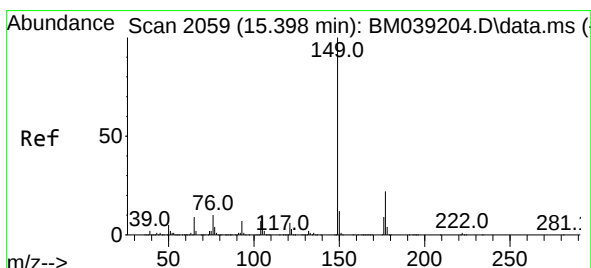
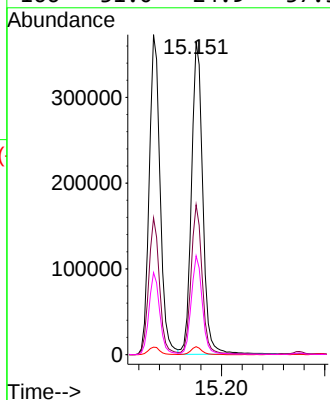
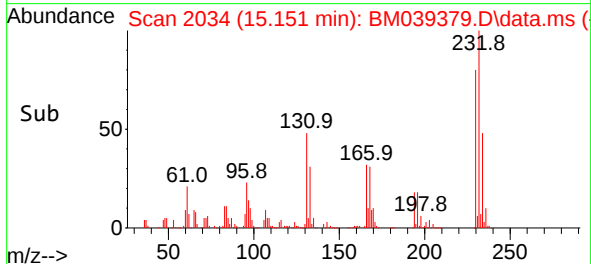
Instrument :
BNA_M
ClientSampleId :
SP-1DMSD



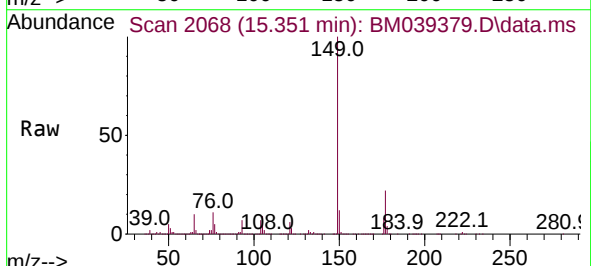
Tgt Ion:232 Resp: 554345
Ion Ratio Lower Upper
232 100
131 46.9 37.7 56.5
130 2.5 1.9 2.9
166 31.0 24.9 37.3

Manual Integrations
APPROVED

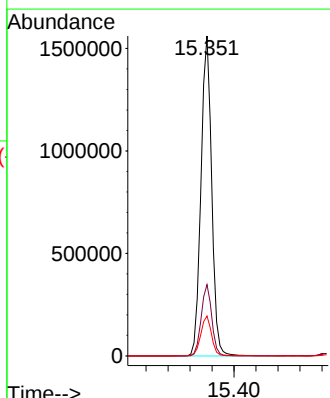
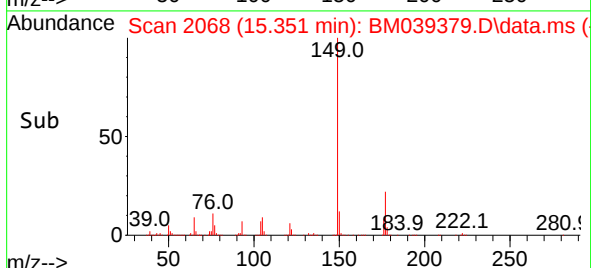
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

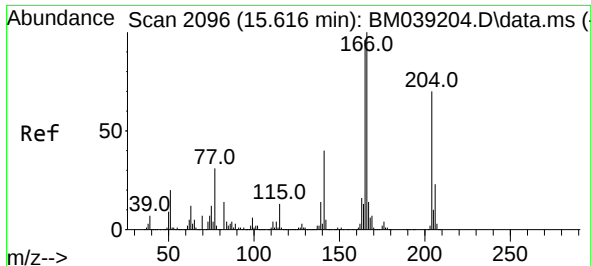


#60
Diethylphthalate
Concen: 44.441 ng
RT: 15.351 min Scan# 2068
Delta R.T. 0.006 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04



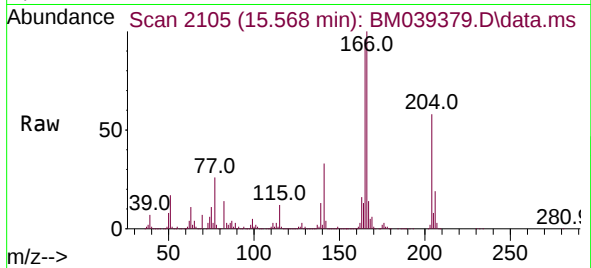
Tgt Ion:149 Resp: 2097549
Ion Ratio Lower Upper
149 100
177 22.3 17.7 26.5
150 12.5 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 46.409 ng
RT: 15.568 min Scan# 2105
Delta R.T. 0.006 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

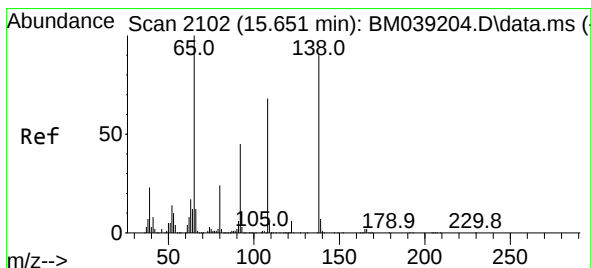
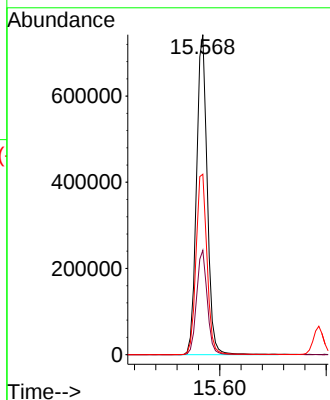
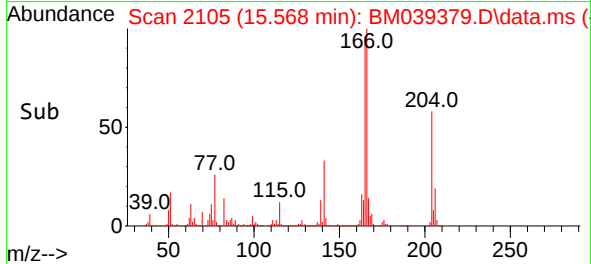
Instrument :
BNA_M
ClientSampleId :
SP-1DMSD



Tgt Ion:204 Resp: 1035273
Ion Ratio Lower Upper
204 100
206 32.6 26.1 39.1
141 56.4 45.8 68.6

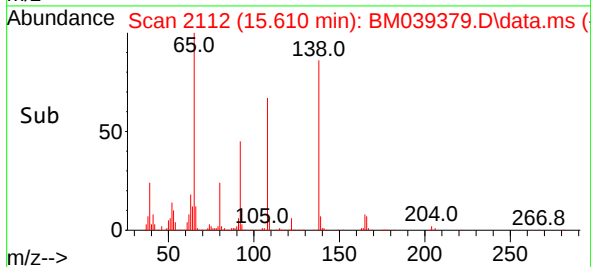
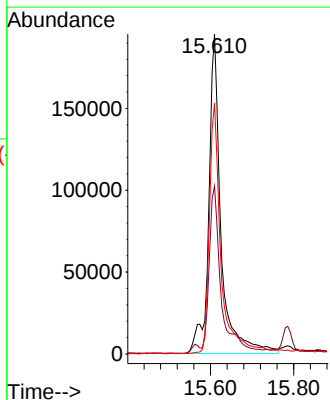
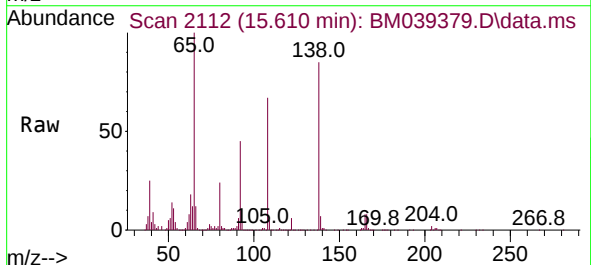
Manual Integrations
APPROVED

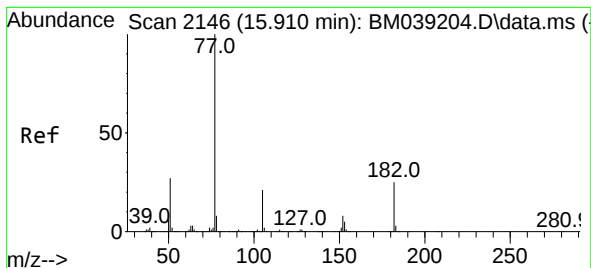
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023



#62
4-Nitroaniline
Concen: 33.531 ng
RT: 15.610 min Scan# 2112
Delta R.T. 0.006 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

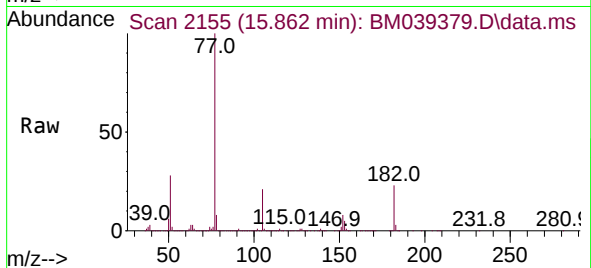
Tgt Ion:138 Resp: 401125
Ion Ratio Lower Upper
138 100
92 52.5 30.5 70.5
108 78.2 55.5 95.5





#63
Azobenzene
Concen: 49.474 ng
RT: 15.862 min Scan# 2146
Delta R.T. 0.006 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

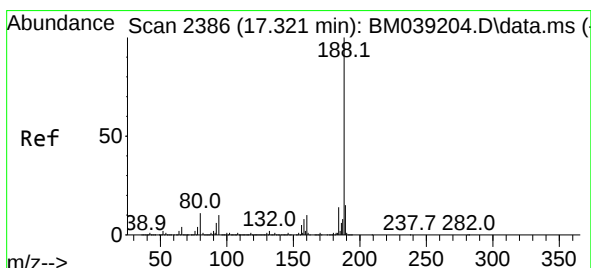
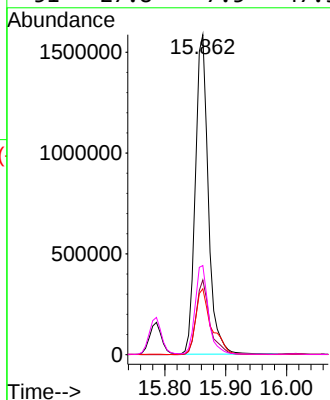
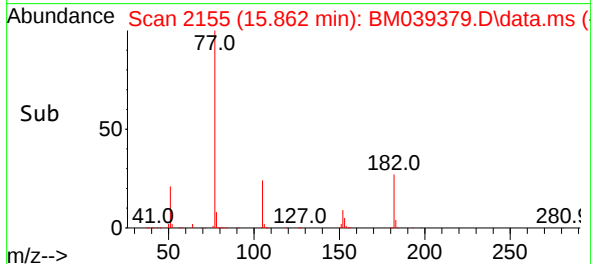
Instrument :
BNA_M
ClientSampleId :
SP-1DMSD



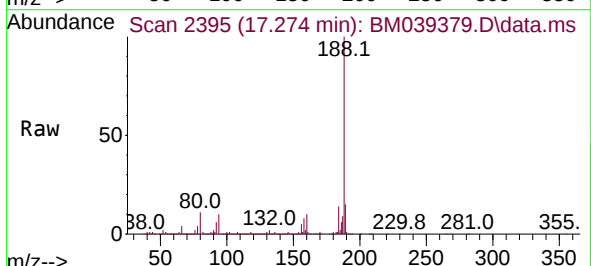
Tgt Ion: 77 Resp: 2339454
Ion Ratio Lower Upper
77 100
182 23.3 4.8 44.8
105 20.6 1.4 41.4
51 27.8 7.5 47.5

Manual Integrations
APPROVED

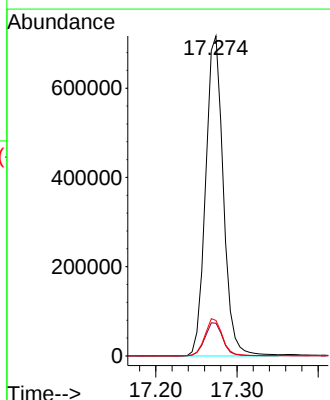
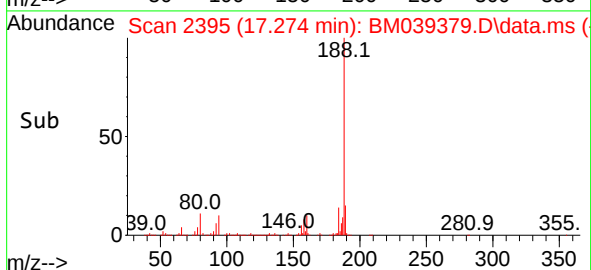
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

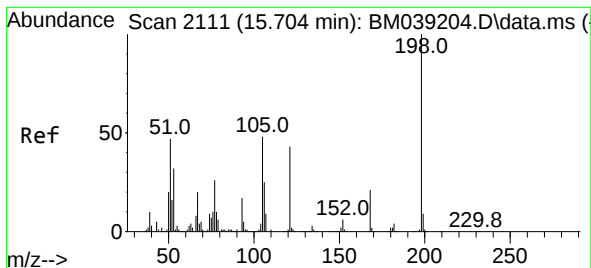


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.274 min Scan# 2395
Delta R.T. 0.006 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04



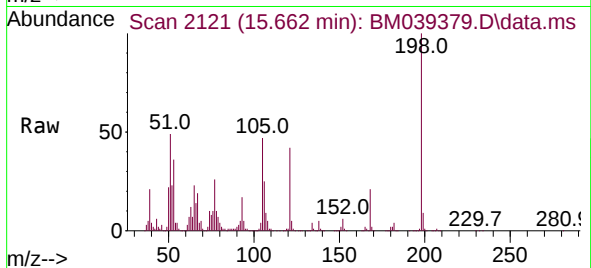
Tgt Ion:188 Resp: 1085730
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.4
80 11.1 8.9 13.3





#65
4,6-Dinitro-2-methylphenol
Concen: 47.740 ng
RT: 15.662 min Scan# 2111
Delta R.T. 0.006 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

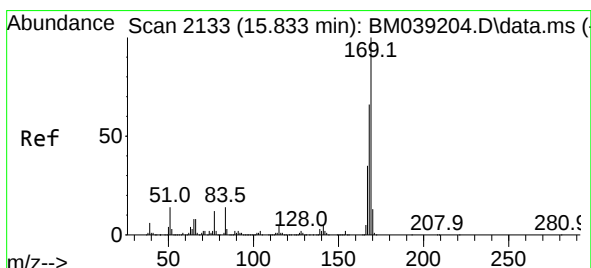
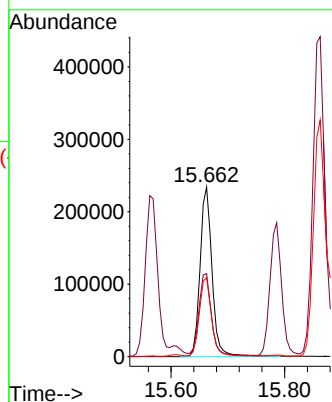
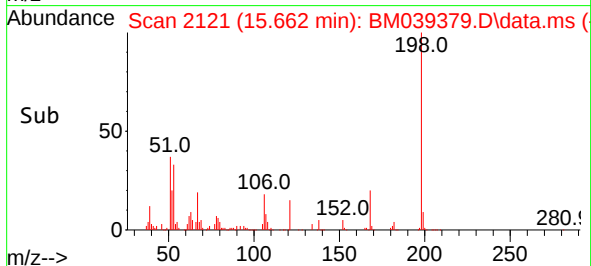
Instrument :
BNA_M
ClientSampleId :
SP-1DMSD



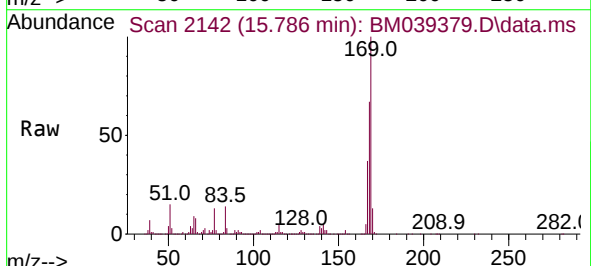
Tgt Ion:198 Resp: 340994
Ion Ratio Lower Upper
198 100
51 48.9 28.9 68.9
105 46.6 28.7 68.7

Manual Integrations
APPROVED

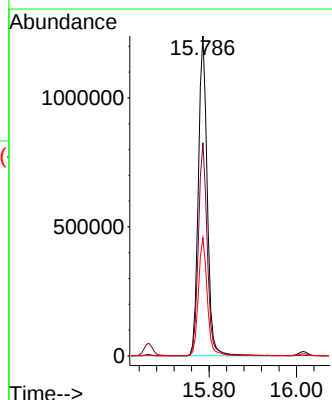
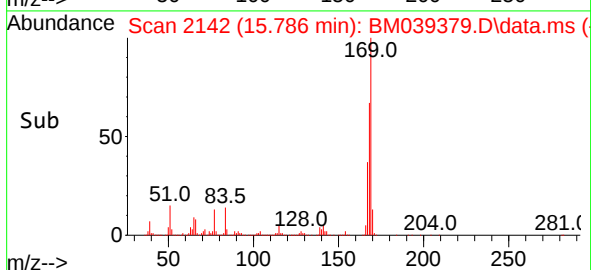
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

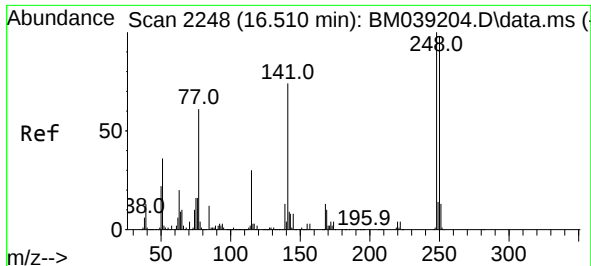


#66
n-Nitrosodiphenylamine
Concen: 50.910 ng
RT: 15.786 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04



Tgt Ion:169 Resp: 1741788
Ion Ratio Lower Upper
169 100
168 66.6 52.8 79.2
167 36.9 28.4 42.6





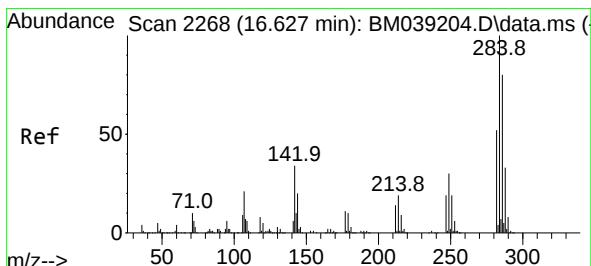
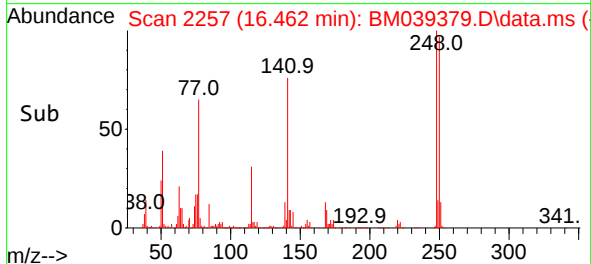
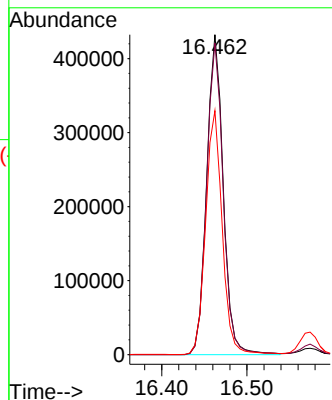
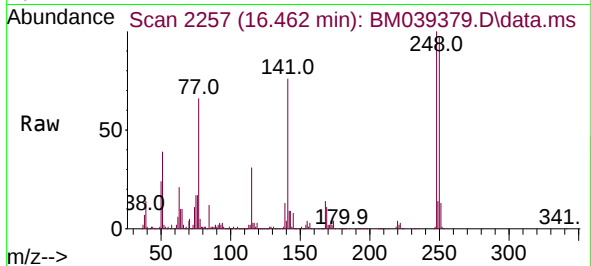
#67
4-Bromophenyl-phenylether
Concen: 50.456 ng
RT: 16.462 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

Instrument :
BNA_M
ClientSampleId :
SP-1DMSD

Tgt Ion:248 Resp: 58504
Ion Ratio Lower Upper
248 100
250 97.3 78.8 118.2
141 76.2 58.8 88.2

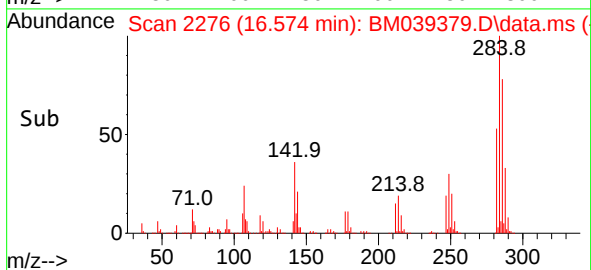
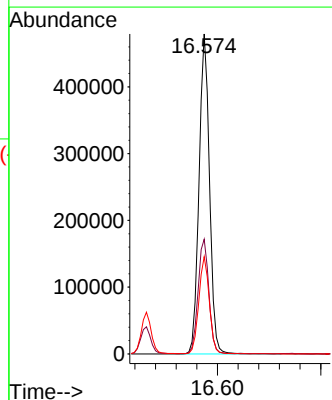
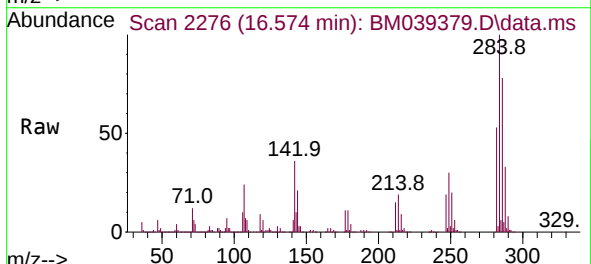
Manual Integrations
APPROVED

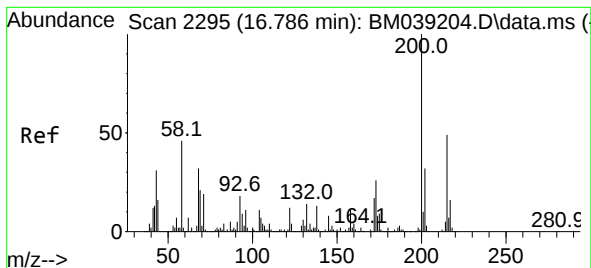
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023



#68
Hexachlorobenzene
Concen: 53.449 ng
RT: 16.574 min Scan# 2276
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

Tgt Ion:284 Resp: 671977
Ion Ratio Lower Upper
284 100
142 35.8 27.4 41.2
249 30.4 24.4 36.6





#69

Atrazine

Concen: 49.279 ng

RT: 16.739 min Scan# 2335

Delta R.T. -0.000 min

Lab File: BM039379.D

Acq: 10 Apr 2023 16:04

Instrument :

BNA_M

ClientSampleId :

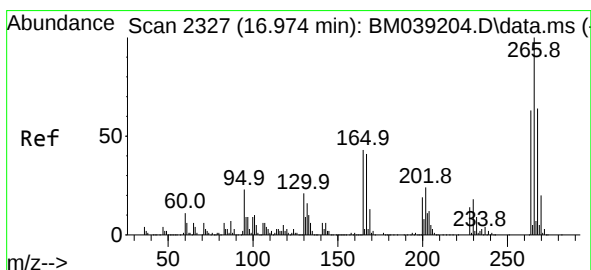
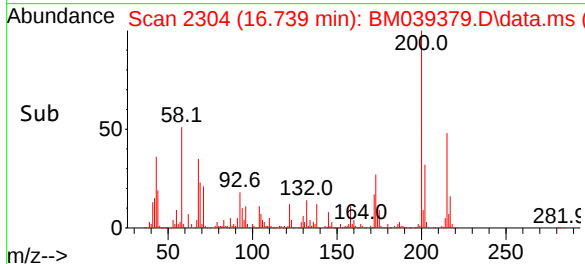
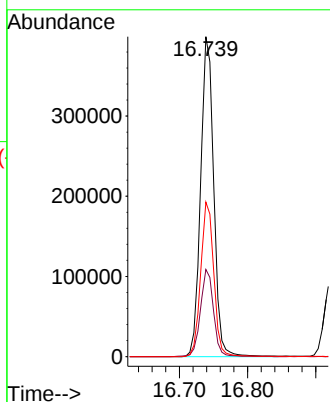
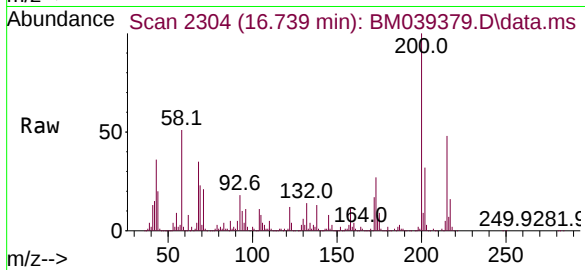
SP-1DMSD

Tgt Ion:	200	Resp:	533991
Ion Ratio	Lower	Upper	
200	100		
173	27.2	6.4	46.4
215	48.3	28.9	68.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023



#70

Pentachlorophenol

Concen: 89.378 ng

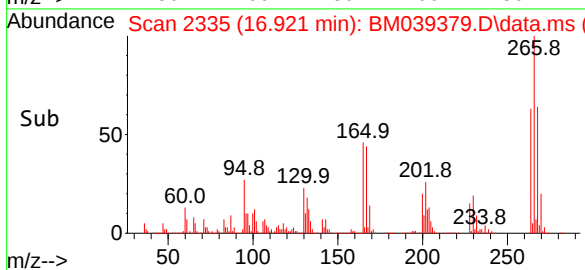
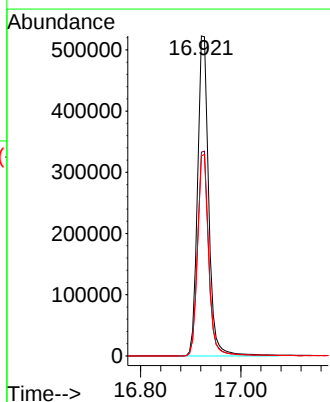
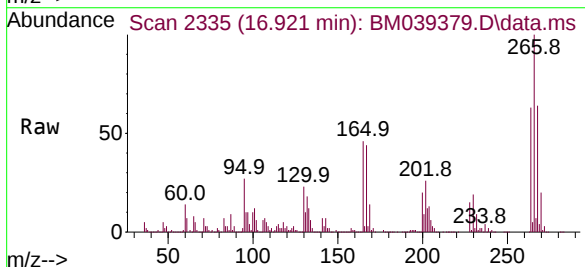
RT: 16.921 min Scan# 2335

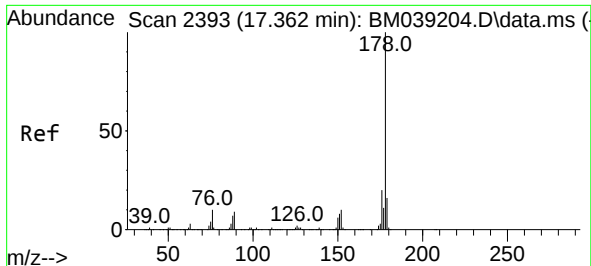
Delta R.T. -0.000 min

Lab File: BM039379.D

Acq: 10 Apr 2023 16:04

Tgt Ion:	266	Resp:	806189
Ion Ratio	Lower	Upper	
266	100		
268	63.7	51.4	77.2
264	62.5	50.2	75.4





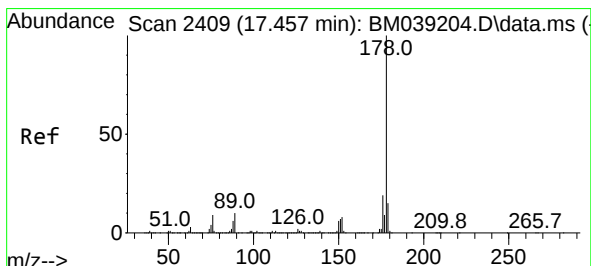
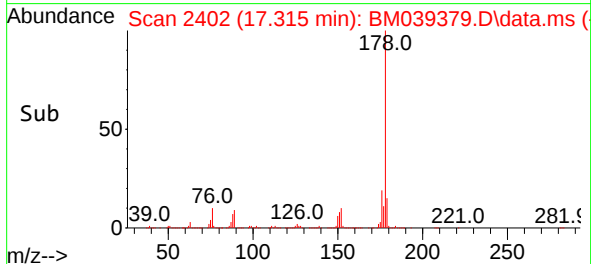
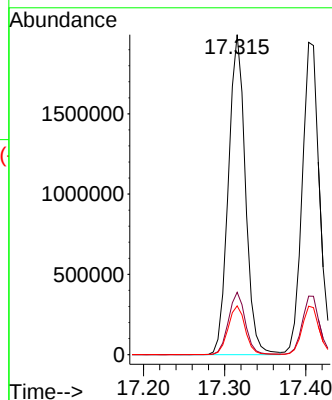
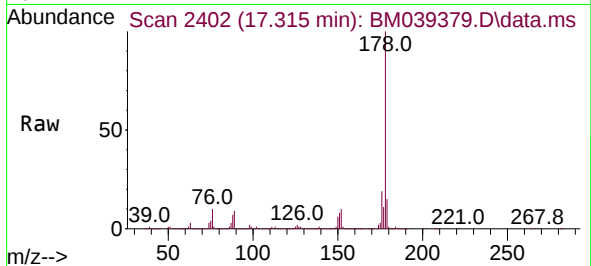
#71
Phenanthrene
Concen: 48.754 ng
RT: 17.315 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

Instrument :
BNA_M
ClientSampleId :
SP-1DMSD

Tgt Ion:178 Resp: 2899118
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.2 12.4 18.6

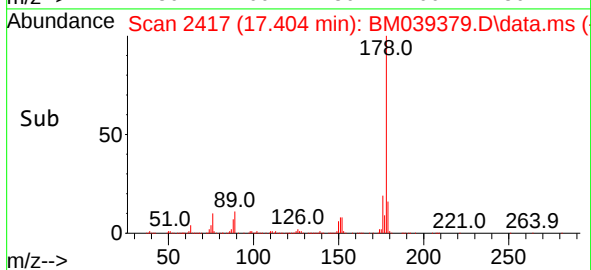
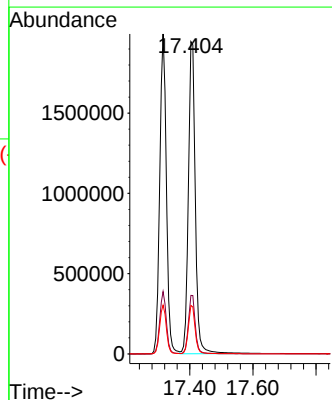
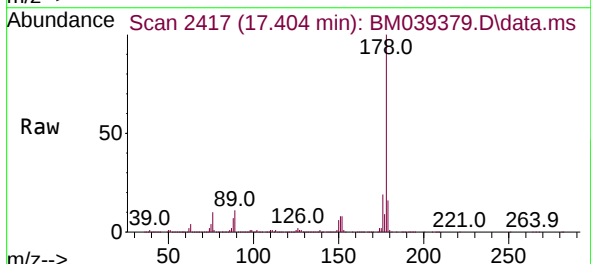
Manual Integrations
APPROVED

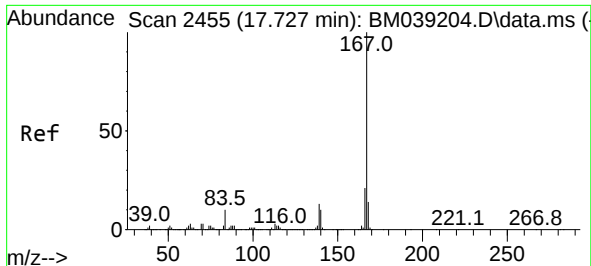
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023



#72
Anthracene
Concen: 48.929 ng
RT: 17.404 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

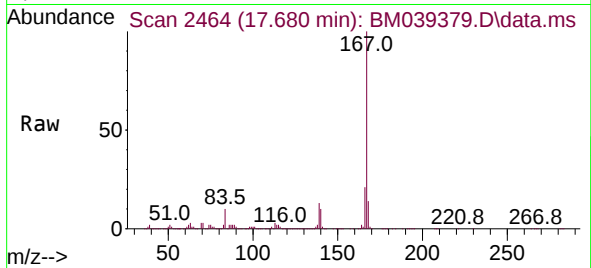
Tgt Ion:178 Resp: 2966713
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.5 12.2 18.2





#73
 Carbazole
 Concen: 44.478 ng
 RT: 17.680 min Scan# 2455
 Delta R.T. -0.000 min
 Lab File: BM039379.D
 Acq: 10 Apr 2023 16:04

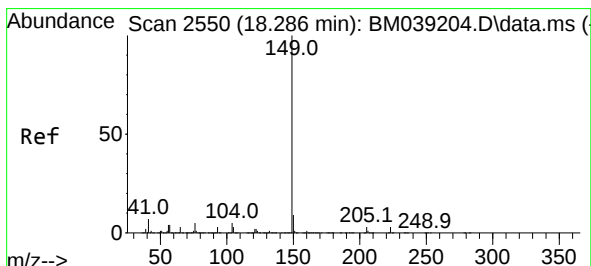
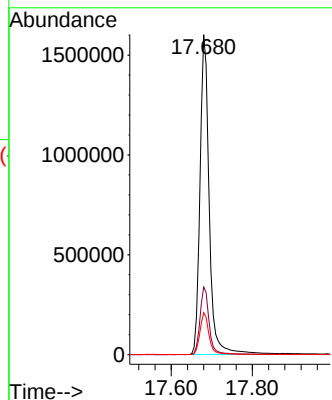
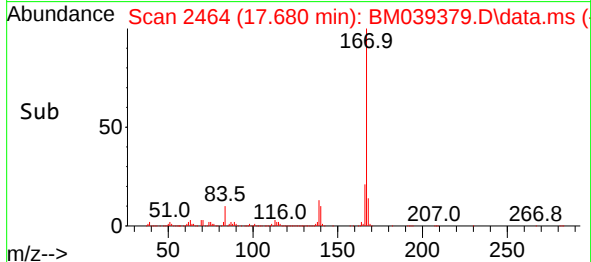
Instrument :
 BNA_M
 ClientSampleId :
 SP-1DMSD



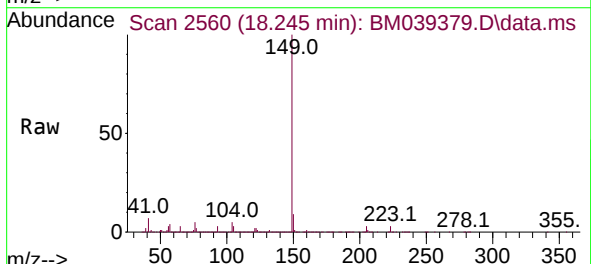
Tgt Ion:167 Resp: 2520039
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.2 25.8
 139 13.1 10.6 16.0

Manual Integrations
 APPROVED

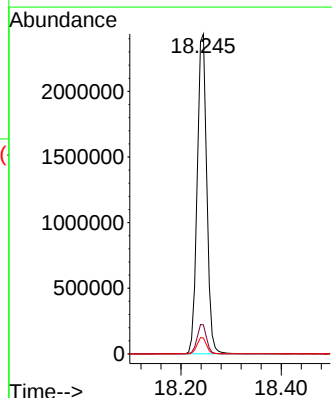
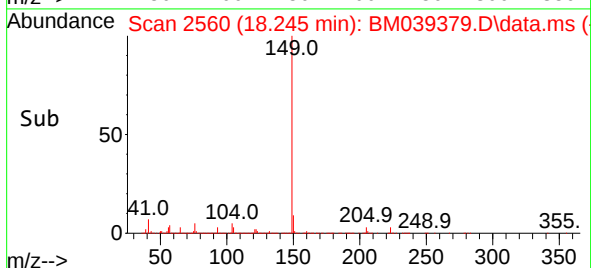
Reviewed By :Christian Giraldo 04/11/2023
 Supervised By :Jagrut Upadhyay 04/11/2023

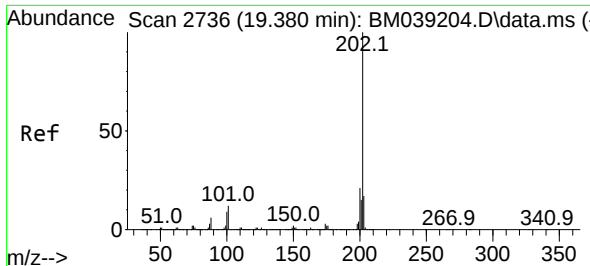


#74
 Di-n-butylphthalate
 Concen: 45.805 ng
 RT: 18.245 min Scan# 2560
 Delta R.T. 0.006 min
 Lab File: BM039379.D
 Acq: 10 Apr 2023 16:04



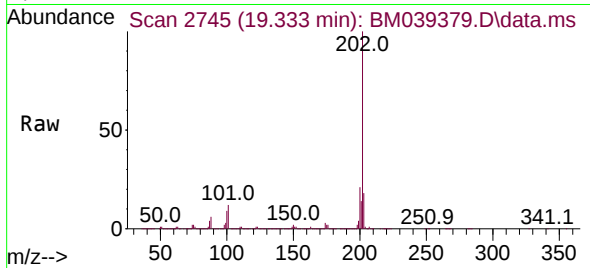
Tgt Ion:149 Resp: 3210241
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 5.0 4.1 6.1





#75
Fluoranthene
Concen: 42.305 ng
RT: 19.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

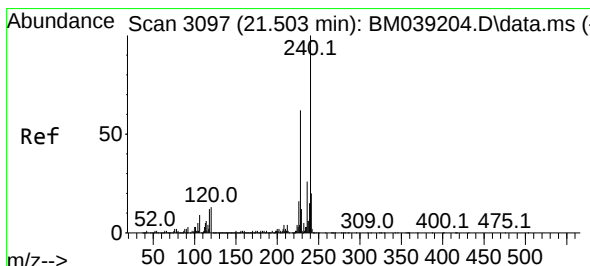
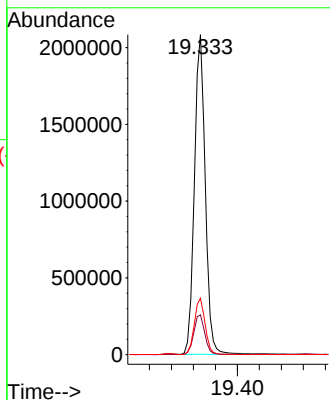
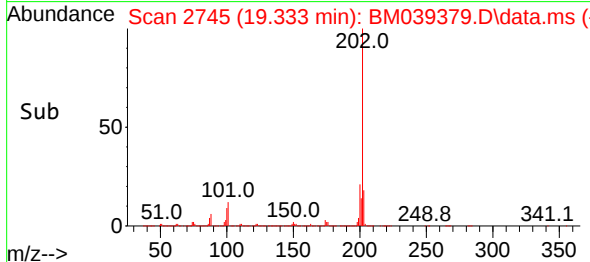
Instrument :
BNA_M
ClientSampleId :
SP-1DMSD



Tgt Ion:202 Resp: 2867628
Ion Ratio Lower Upper
202 100
101 12.4 0.0 32.5
203 17.6 0.0 37.5

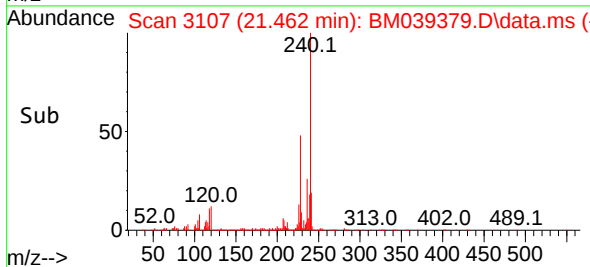
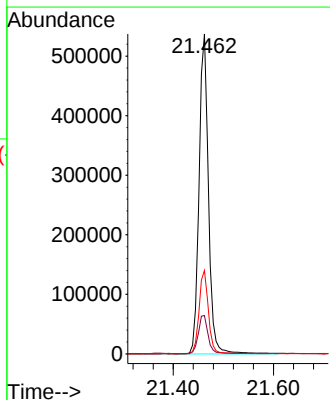
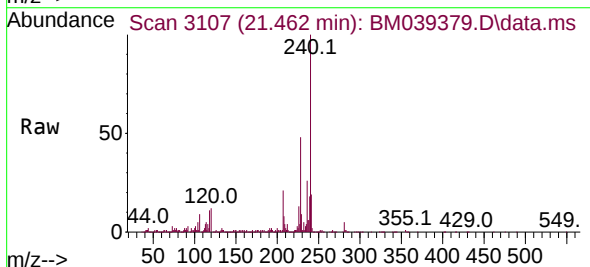
Manual Integrations
APPROVED

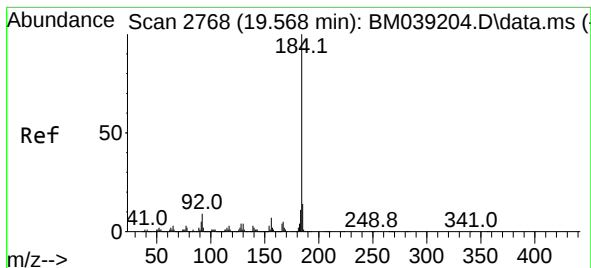
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.462 min Scan# 3107
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

Tgt Ion:240 Resp: 699532
Ion Ratio Lower Upper
240 100
120 12.0 10.2 15.2
236 26.1 20.9 31.3





#77

Benzidine

Concen: 56.715 ng

RT: 19.527 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039379.D

Acq: 10 Apr 2023 16:04

Instrument :

BNA_M

ClientSampleId :

SP-1DMSD

Tgt Ion:184 Resp: 104645

Ion Ratio Lower Upper

184 100

185 14.2 11.4 17.0

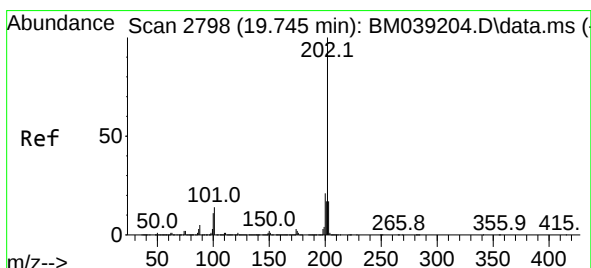
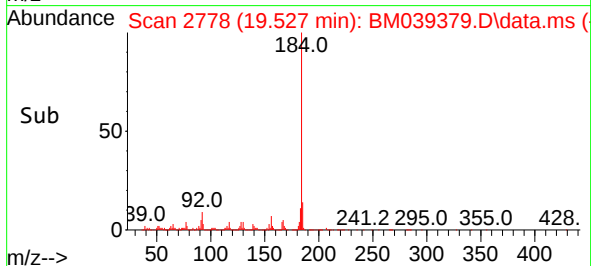
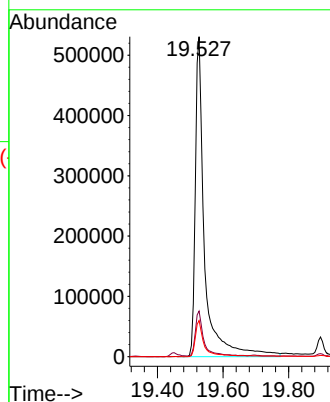
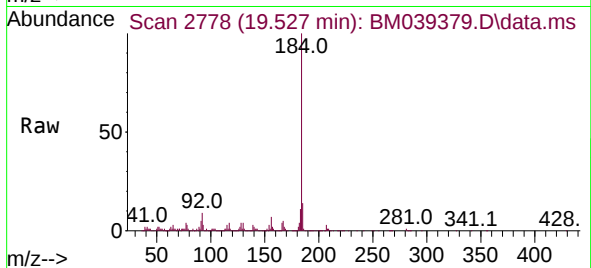
183 11.3 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/11/2023

Supervised By :Jagrut Upadhyay 04/11/2023



#78

Pyrene

Concen: 58.896 ng

RT: 19.698 min Scan# 2807

Delta R.T. -0.000 min

Lab File: BM039379.D

Acq: 10 Apr 2023 16:04

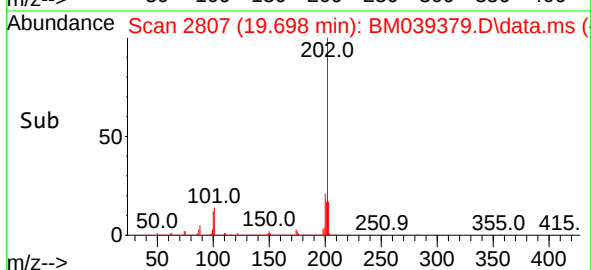
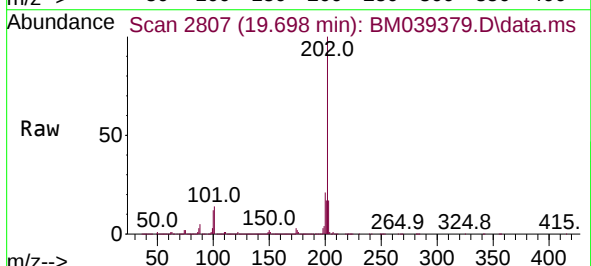
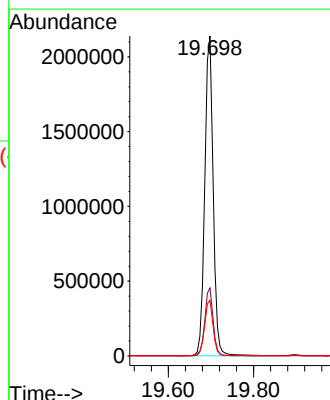
Tgt Ion:202 Resp: 2932980

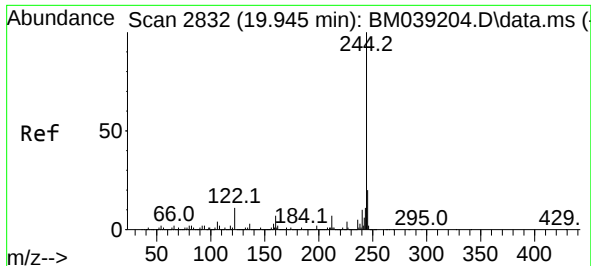
Ion Ratio Lower Upper

202 100

200 21.2 17.1 25.7

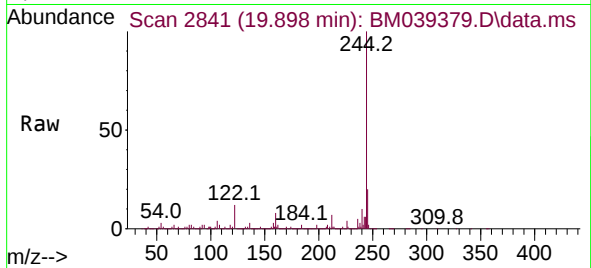
203 17.4 13.9 20.9





#79
 Terphenyl-d14
 Concen: 70.345 ng
 RT: 19.898 min Scan# 2832
 Delta R.T. -0.000 min
 Lab File: BM039379.D
 Acq: 10 Apr 2023 16:04

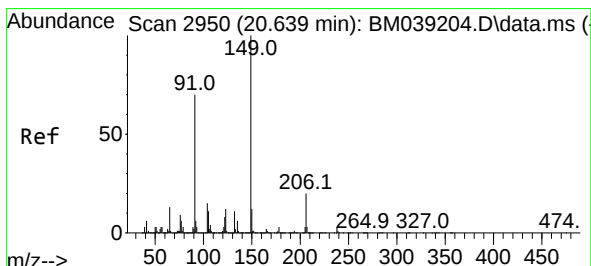
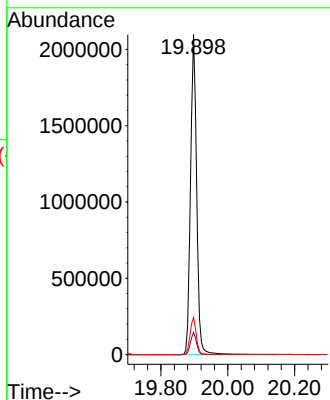
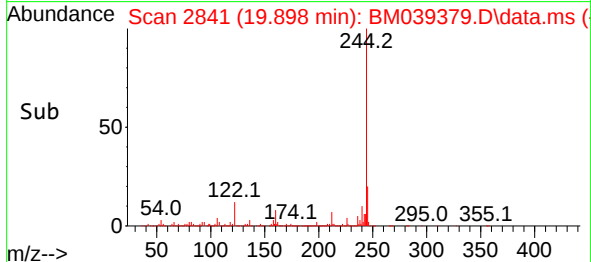
Instrument :
 BNA_M
 ClientSampleId :
 SP-1DMSD



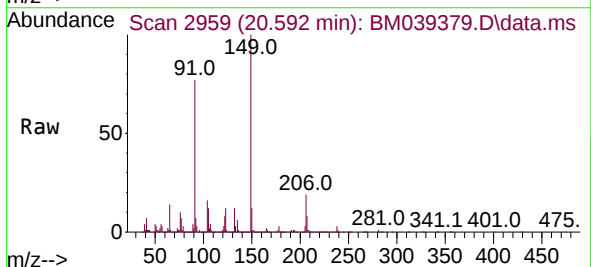
Tgt Ion:244 Resp: 2663432
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.6 9.1 13.7

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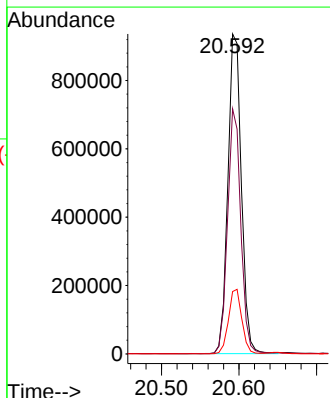
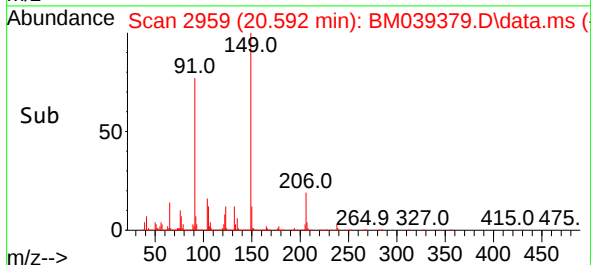
Reviewed By :Christian Giraldo 04/11/2023
 Supervised By :Jagrut Upadhyay 04/11/2023

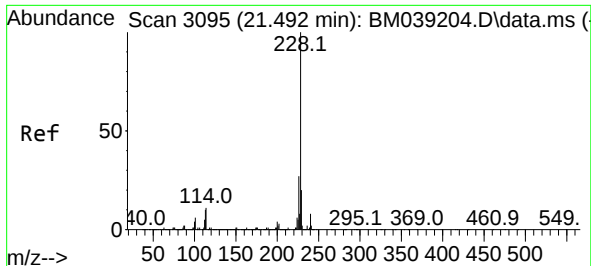


#80
 Butylbenzylphthalate
 Concen: 49.781 ng
 RT: 20.592 min Scan# 2959
 Delta R.T. -0.006 min
 Lab File: BM039379.D
 Acq: 10 Apr 2023 16:04



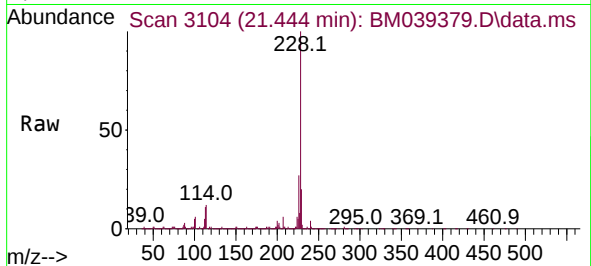
Tgt Ion:149 Resp: 1135713
 Ion Ratio Lower Upper
 149 100
 91 76.6 56.3 84.5
 206 19.5 16.4 24.6





#81
Benzo(a)anthracene
Concen: 47.715 ng
RT: 21.444 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

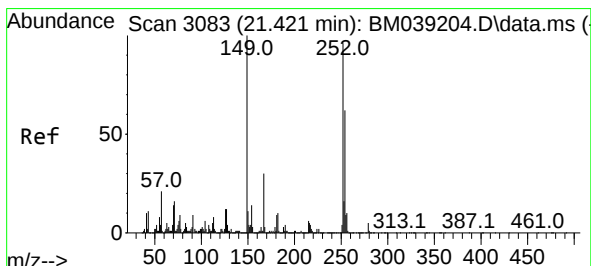
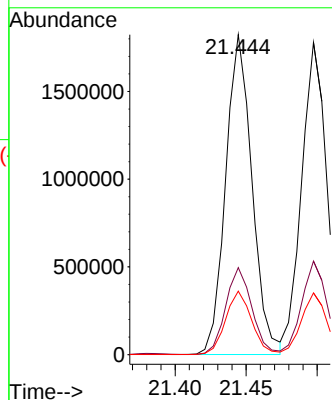
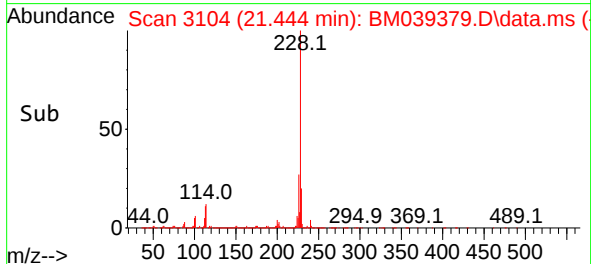
Instrument :
BNA_M
ClientSampleId :
SP-1DMSD



Tgt Ion:228 Resp: 2354044
Ion Ratio Lower Upper
228 100
226 27.2 21.9 32.9
229 19.8 15.8 23.6

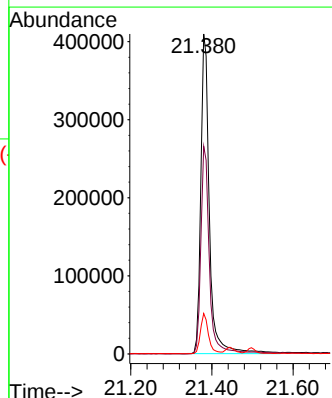
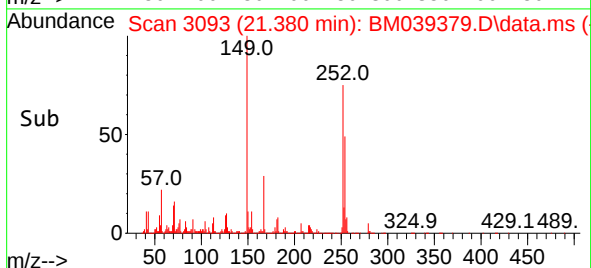
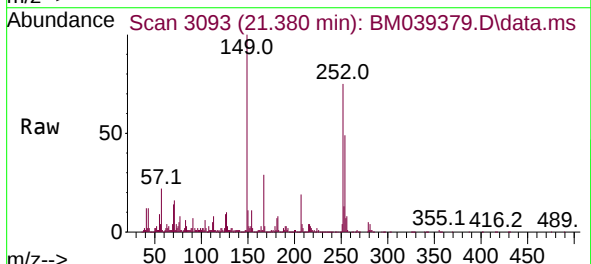
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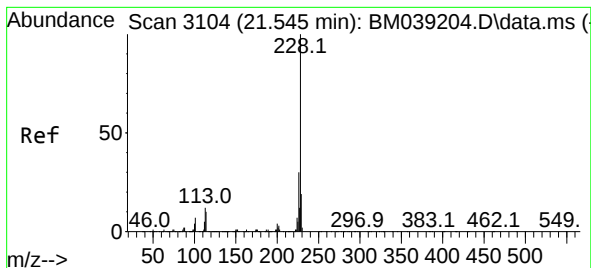
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023



#82
3,3'-Dichlorobenzidine
Concen: 36.394 ng
RT: 21.380 min Scan# 3093
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

Tgt Ion:252 Resp: 598126
Ion Ratio Lower Upper
252 100
254 64.9 51.8 77.8
126 12.6 10.1 15.1





#83

Chrysene

Concen: 48.602 ng

RT: 21.497 min Scan# 3104

Delta R.T. -0.000 min

Lab File: BM039379.D

Acq: 10 Apr 2023 16:04

Instrument :

BNA_M

ClientSampleId :

SP-1DMSD

Tgt Ion:228 Resp: 2314773

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

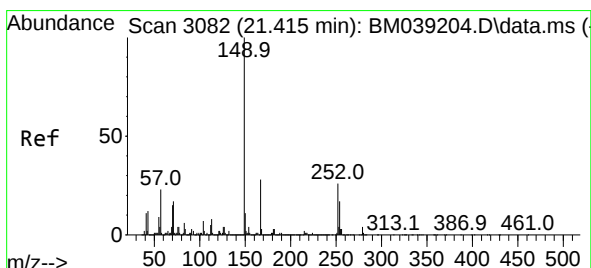
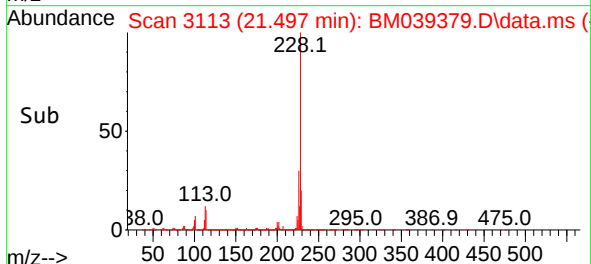
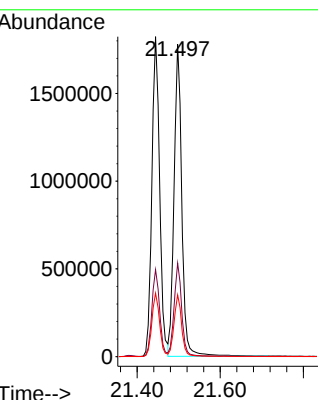
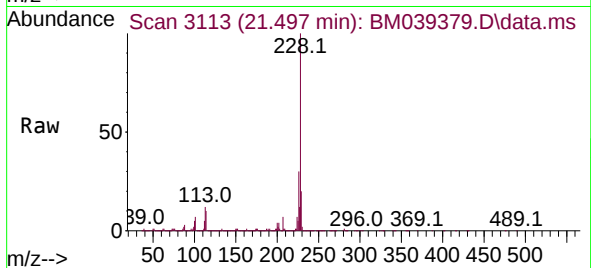
229 19.8 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/11/2023

Supervised By :Jagrut Upadhyay 04/11/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.477 ng

RT: 21.368 min Scan# 3091

Delta R.T. -0.000 min

Lab File: BM039379.D

Acq: 10 Apr 2023 16:04

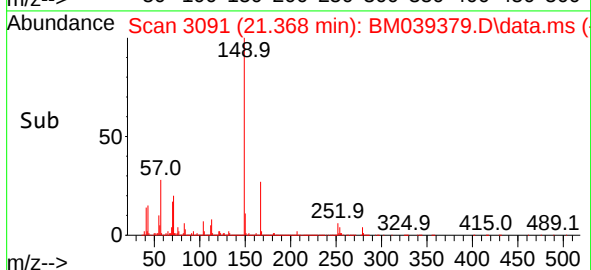
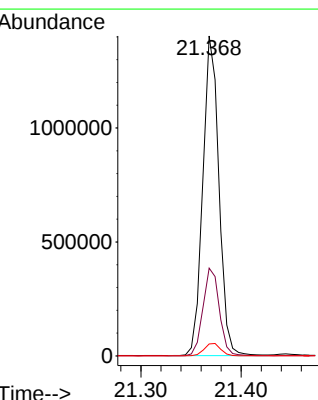
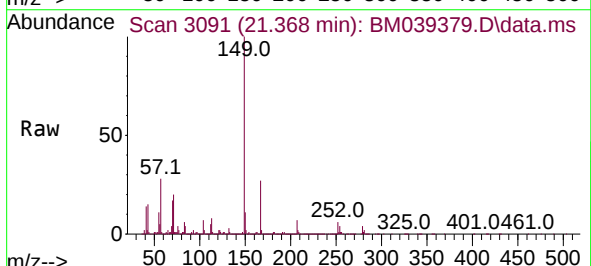
Tgt Ion:149 Resp: 1566044

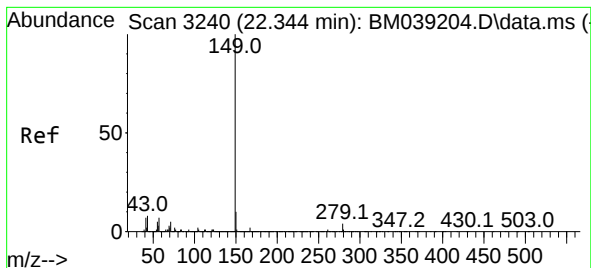
Ion Ratio Lower Upper

149 100

167 27.4 22.3 33.5

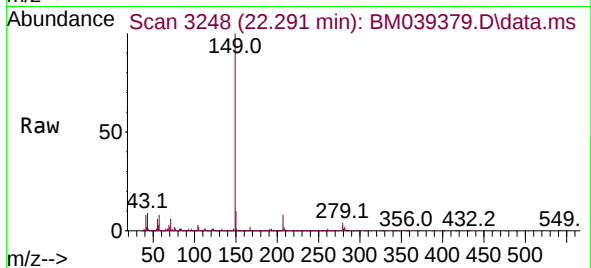
279 3.7 3.4 5.2





#85
Di-n-octyl phthalate
Concen: 42.217 ng
RT: 22.291 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

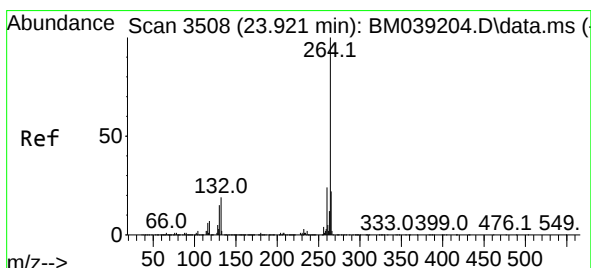
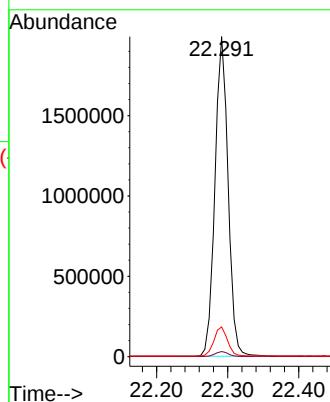
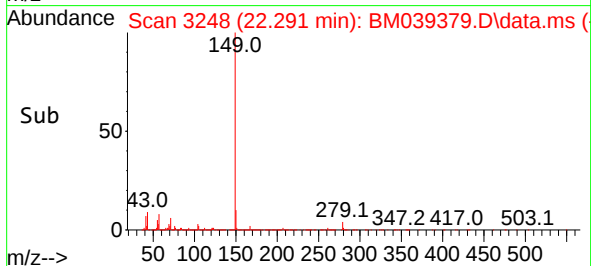
Instrument :
BNA_M
ClientSampleId :
SP-1DMSD



Tgt Ion:149 Resp: 2562875
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.5 6.9 10.3

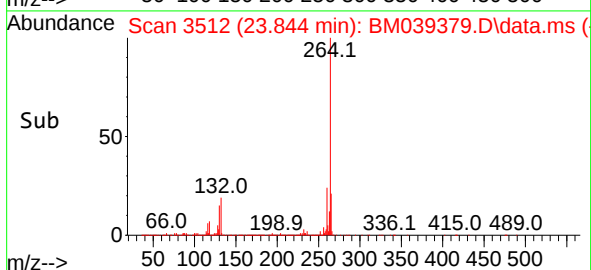
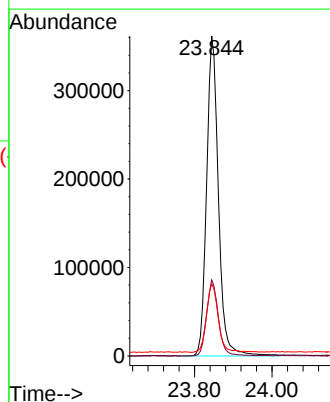
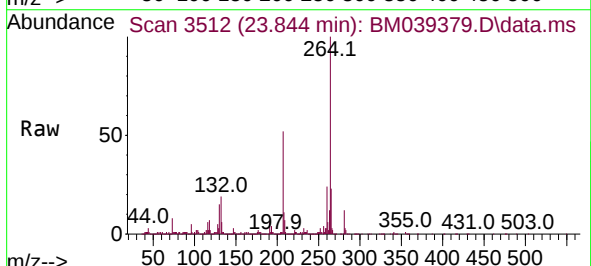
Manual Integrations
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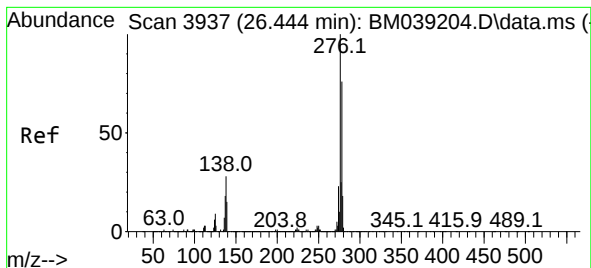
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.844 min Scan# 3512
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

Tgt Ion:264 Resp: 764776
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.6
265 22.5 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.051 ng

RT: 26.326 min Scan# 3934

Delta R.T. -0.000 min

Lab File: BM039379.D

Acq: 10 Apr 2023 16:04

Instrument :

BNA_M

ClientSampleId :

SP-1DMSD

Tgt Ion:276 Resp: 2933016

Ion Ratio Lower Upper

276 100

138 27.8 22.2 33.2

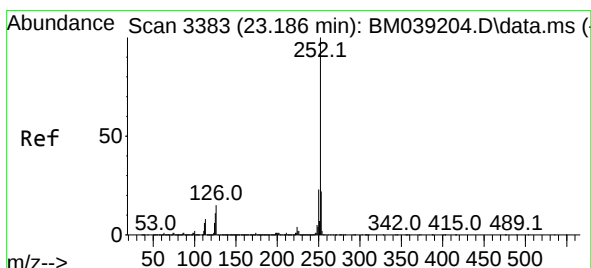
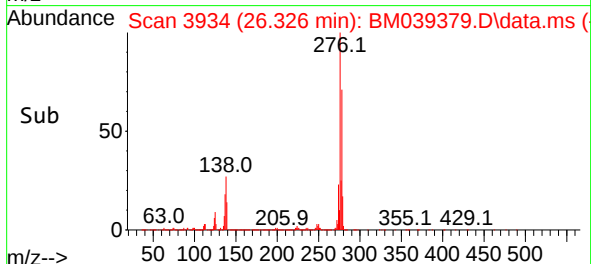
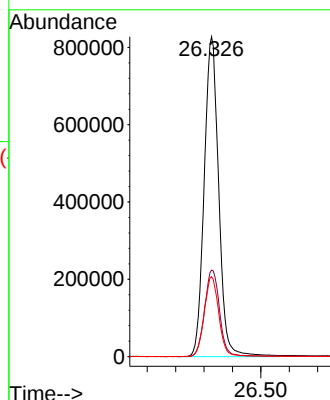
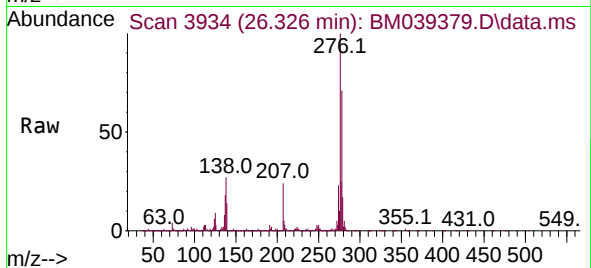
277 24.9 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/11/2023

Supervised By :Jagrut Upadhyay 04/11/2023



#88

Benzo(b)fluoranthene

Concen: 49.045 ng

RT: 23.121 min Scan# 3389

Delta R.T. -0.000 min

Lab File: BM039379.D

Acq: 10 Apr 2023 16:04

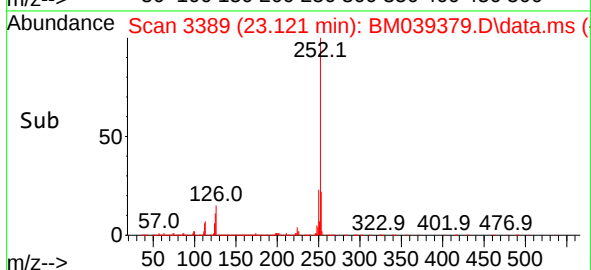
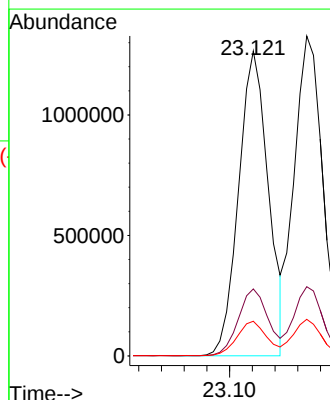
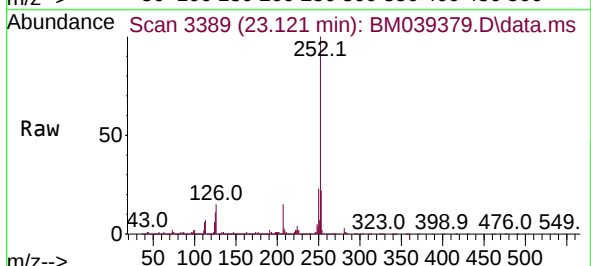
Tgt Ion:252 Resp: 2295050

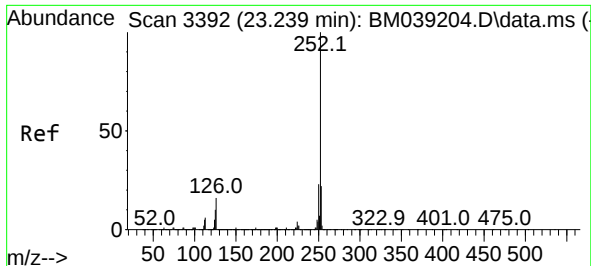
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 11.4 9.0 13.6





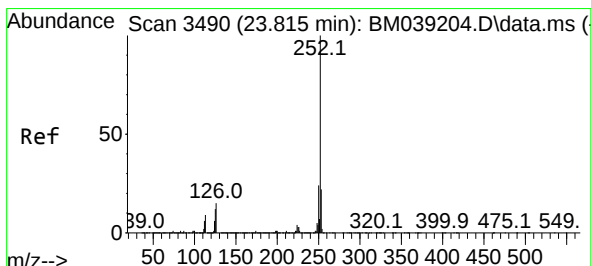
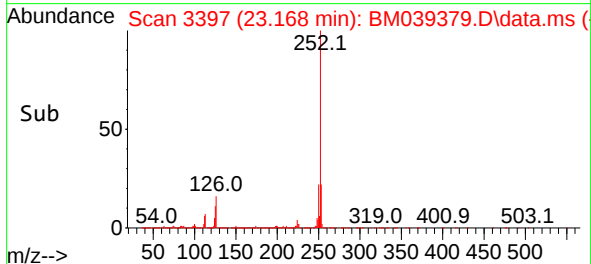
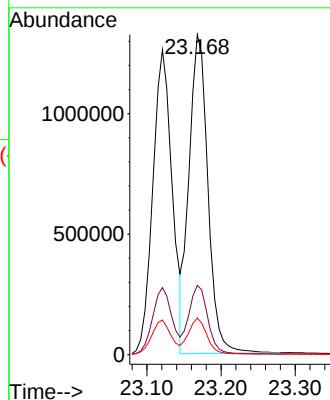
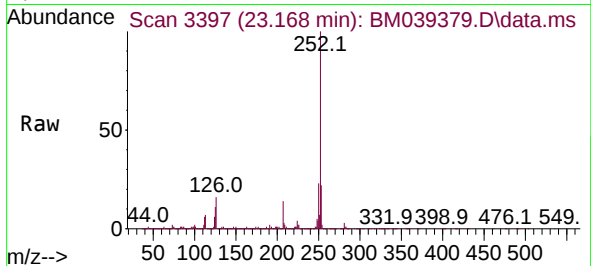
#89
Benzo(k)fluoranthene
Concen: 49.306 ng
RT: 23.168 min Scan# 3392
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

Instrument :
BNA_M
ClientSampleId :
SP-1DMSD

Tgt Ion:252 Resp: 235017
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.8
125 11.4 8.5 12.7

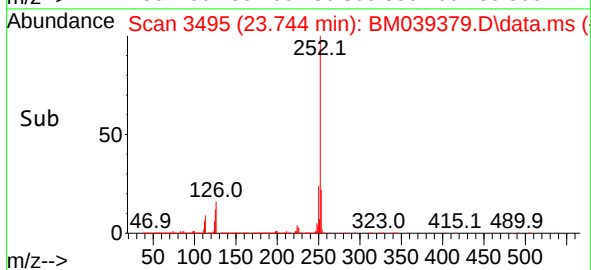
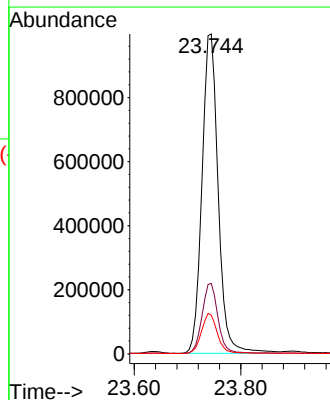
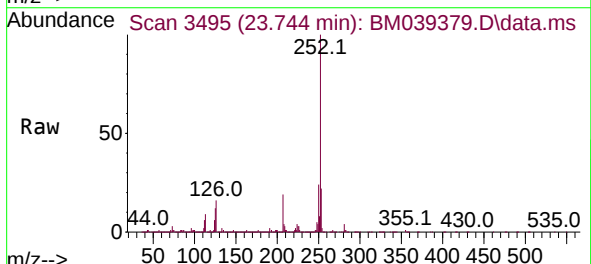
Manual Integrations
APPROVED

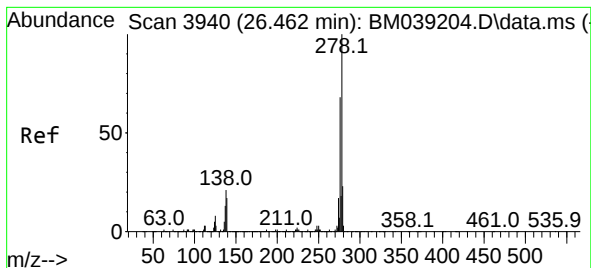
Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023



#90
Benzo(a)pyrene
Concen: 45.815 ng
RT: 23.744 min Scan# 3495
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

Tgt Ion:252 Resp: 2106133
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 12.1 9.8 14.6





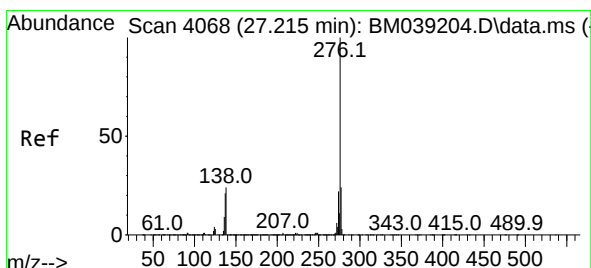
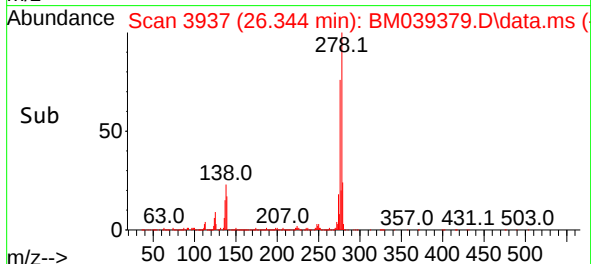
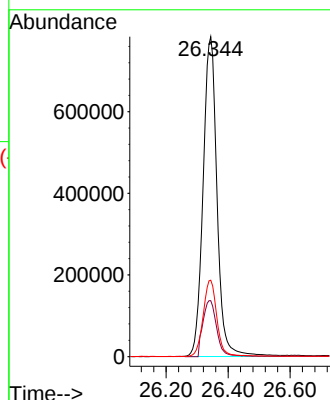
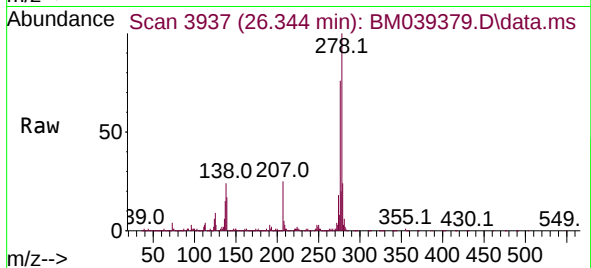
#91
Dibenzo(a,h)anthracene
Concen: 51.745 ng
RT: 26.344 min Scan# 3940
Delta R.T. -0.000 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

Instrument :
BNA_M
ClientSampleId :
SP-1DMSD

Tgt Ion:278 Resp: 2448300
Ion Ratio Lower Upper
278 100
139 17.5 13.9 20.9
279 23.9 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023



#92
Benzo(g,h,i)perylene
Concen: 54.132 ng
RT: 27.091 min Scan# 4064
Delta R.T. 0.006 min
Lab File: BM039379.D
Acq: 10 Apr 2023 16:04

Tgt Ion:276 Resp: 2518812
Ion Ratio Lower Upper
276 100
277 23.6 19.1 28.7
138 23.9 19.5 29.3

