

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031623\
 Data File : BM039020.D
 Acq On : 16 Mar 2023 17:35
 Operator : CG/JU
 Sample : 01627-08
 Misc : LOQ-WATER-5ppm
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT1-2023

Quant Time: Mar 17 06:17:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 06:13:01 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/17/2023
 Supervised By :Jagrut Upadhyay 03/17/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	368110	20.000	ng	0.00
21) Naphthalene-d8	10.792	136	1521563	20.000	ng	0.00
39) Acenaphthene-d10	14.616	164	926187	20.000	ng	0.00
64) Phenanthrene-d10	17.362	188	1934930	20.000	ng	0.00
76) Chrysene-d12	21.539	240	1774791	20.000	ng	0.00
86) Perylene-d12	23.985	264	1746508	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2516558	103.865	ng	0.00
7) Phenol-d6	7.134	99	3385340	107.570	ng	0.00
23) Nitrobenzene-d5	9.145	82	2470969	79.771	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	1162268	108.476	ng	0.00
45) 2-Fluorobiphenyl	13.245	172	5136683	72.198	ng	0.00
79) Terphenyl-d14	19.986	244	7515988	77.427	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.399	88	47052	4.365	ng	99
3) Pyridine	3.810	79	121797	4.074	ng	96
4) n-Nitrosodimethylamine	3.716	42	63795	5.244	ng	# 90
6) Aniline	7.304	93	214978	5.203	ng	98
8) 2-Chlorophenol	7.539	128	134687	5.221	ng	99
9) Benzaldehyde	7.110	77	113688m	7.591	ng	
10) Phenol	7.163	94	178551	5.343	ng	97
11) bis(2-Chloroethyl)ether	7.398	93	144149	5.305	ng	98
12) 1,3-Dichlorobenzene	7.863	146	146672	5.350	ng	96
13) 1,4-Dichlorobenzene	8.010	146	149536	5.364	ng	99
14) 1,2-Dichlorobenzene	8.334	146	143681	5.350	ng	100
15) Benzyl Alcohol	8.216	79	120110	5.325	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.504	45	204305	5.954	ng	99
17) 2-Methylphenol	8.416	107	109762	4.781	ng	99
18) Hexachloroethane	9.063	117	54687	5.316	ng	99
19) n-Nitroso-di-n-propyla...	8.786	70	115356	5.819	ng	96
20) 3+4-Methylphenols	8.745	107	148278	4.837	ng	97
22) Acetophenone	8.804	105	193370	4.530	ng	# 96
24) Nitrobenzene	9.186	77	177948	5.466	ng	99
25) Isophorone	9.710	82	304558	5.343	ng	98
26) 2-Nitrophenol	9.898	139	58667	4.560	ng	96
27) 2,4-Dimethylphenol	9.957	122	123074	4.955	ng	99
28) bis(2-Chloroethoxy)met...	10.198	93	196160	5.356	ng	99
29) 2,4-Dichlorophenol	10.433	162	108859	4.623	ng	99
30) 1,2,4-Trichlorobenzene	10.651	180	127131	4.941	ng	98
31) Naphthalene	10.839	128	439535	5.066	ng	99
33) 4-Chloroaniline	10.951	127	179688	4.860	ng	97
34) Hexachlorobutadiene	11.127	225	71209	4.826	ng	98
35) Caprolactam	11.716	113	28445	3.969	ng	# 76
36) 4-Chloro-3-methylphenol	12.069	107	128064	5.107	ng	95
37) 2-Methylnaphthalene	12.445	142	290328	4.993	ng	99
38) 1-Methylnaphthalene	12.663	142	275409	5.054	ng	99
40) 1,2,4,5-Tetrachloroben...	12.810	216	115288	3.829	ng	98
41) Hexachlorocyclopentadiene	12.792	237	76874	4.651	ng	98
43) 2,4,6-Trichlorophenol	13.051	196	82747	4.244	ng	99
44) 2,4,5-Trichlorophenol	13.116	196	90820	3.979	ng	97

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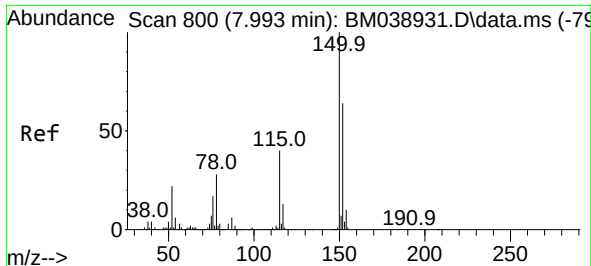
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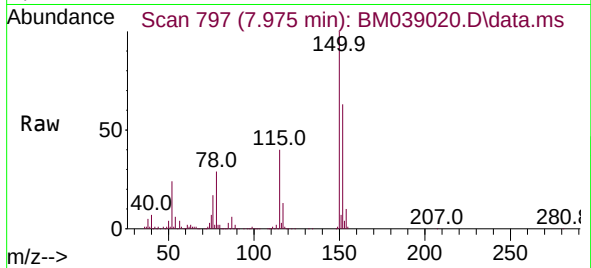
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.451	154	341565	4.353	ng	99
47) 2-Chloronaphthalene	13.492	162	295595	4.996	ng	97
48) 2-Nitroaniline	13.698	65	78605	4.626	ng	96
49) Acenaphthylene	14.339	152	452900	4.806	ng	99
50) Dimethylphthalate	14.074	163	369102	5.179	ng	99
51) 2,6-Dinitrotoluene	14.192	165	67649	4.668	ng	92
52) Acenaphthene	14.680	154	286939	4.954	ng	98
53) 3-Nitroaniline	14.515	138	75490	4.494	ng	# 96
54) 2,4-Dinitrophenol	14.721	184	27123	3.473	ng	97
55) Dibenzofuran	15.010	168	454314	5.013	ng	98
56) 4-Nitrophenol	14.815	139	61323	4.332	ng	95
57) 2,4-Dinitrotoluene	14.974	165	82354	4.438	ng	# 87
58) Fluorene	15.662	166	361903	5.097	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.233	232	81663	4.640	ng	97
60) Diethylphthalate	15.433	149	359064	5.178	ng	99
61) 4-Chlorophenyl-phenyle...	15.657	204	173890	4.985	ng	97
62) 4-Nitroaniline	15.674	138	72440	4.321	ng	91
63) Azobenzene	15.951	77	375259	5.114	ng	99
65) 4,6-Dinitro-2-methylph...	15.733	198	37938	3.275	ng	92
66) n-Nitrosodiphenylamine	15.868	169	301621	4.624	ng	99
67) 4-Bromophenyl-phenylether	16.551	248	97726	4.676	ng	94
68) Hexachlorobenzene	16.662	284	114994	4.922	ng	96
69) Atrazine	16.815	200	77613	4.356	ng	97
70) Pentachlorophenol	17.009	266	60966	3.548	ng	99
71) Phenanthrene	17.404	178	569346	5.014	ng	100
72) Anthracene	17.492	178	543237	4.797	ng	99
73) Carbazole	17.762	167	508329	4.918	ng	99
74) Di-n-butylphthalate	18.327	149	562712	4.901	ng	100
75) Fluoranthene	19.415	202	589268	4.914	ng	98
77) Benzidine	19.603	184	217181	5.871	ng	99
78) Pyrene	19.780	202	639385	4.797	ng	99
80) Butylbenzylphthalate	20.674	149	225505	4.555	ng	91
81) Benzo(a)anthracene	21.527	228	627953	4.913	ng	100
82) 3,3'-Dichlorobenzidine	21.456	252	165525	4.214	ng	98
83) Chrysene	21.580	228	601018	4.835	ng	99
84) Bis(2-ethylhexyl)phtha...	21.456	149	341086	4.694	ng	99
85) Di-n-octyl phthalate	22.391	149	520934	4.152	ng	96
87) Indeno(1,2,3-cd)pyrene	26.515	276	564761	4.250	ng	97
88) Benzo(b)fluoranthene	23.233	252	584893	5.242	ng	98
89) Benzo(k)fluoranthene	23.286	252	565340	4.869	ng	99
90) Benzo(a)pyrene	23.868	252	463557	4.317	ng	98
91) Dibenzo(a,h)anthracene	26.532	278	482559	4.288	ng	98
92) Benzo(g,h,i)perylene	27.297	276	452057	4.105	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.975 min Scan# 79
Delta R.T. -0.000 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

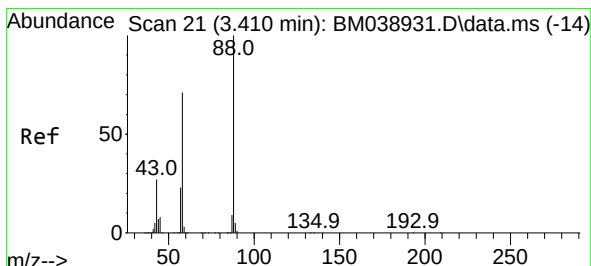
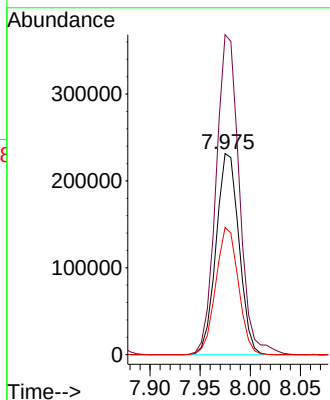
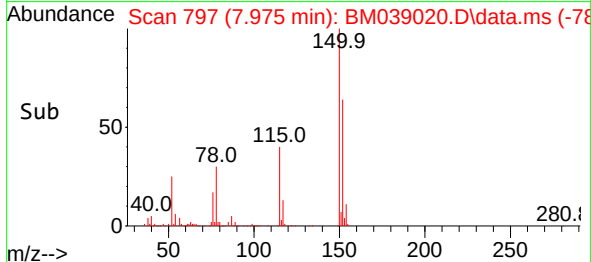
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:152 Resp: 368110
Ion Ratio Lower Upper
152 100
150 159.1 125.1 187.7
115 63.2 49.6 74.4

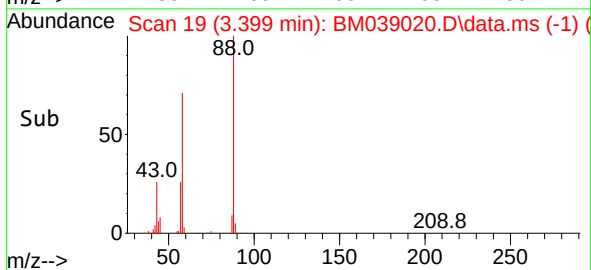
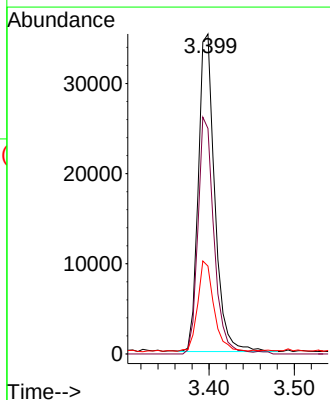
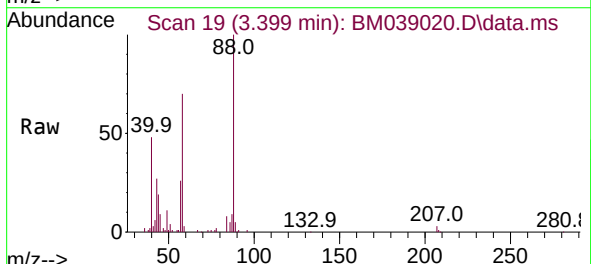
Manual Integrations
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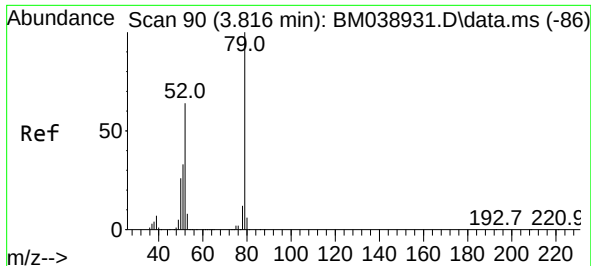
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#2
1,4-Dioxane
Concen: 4.365 ng
RT: 3.399 min Scan# 19
Delta R.T. 0.006 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

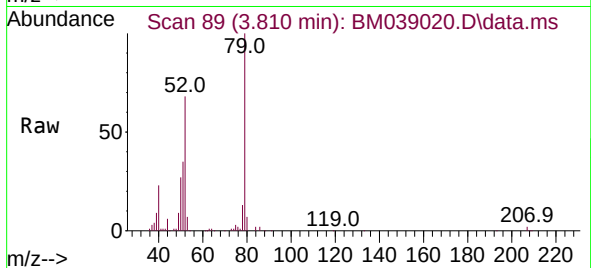
Tgt Ion: 88 Resp: 47052
Ion Ratio Lower Upper
88 100
58 72.8 57.2 85.8
43 28.1 22.0 33.0





#3
Pyridine
Concen: 4.074 ng
RT: 3.810 min Scan# 89
Delta R.T. 0.006 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

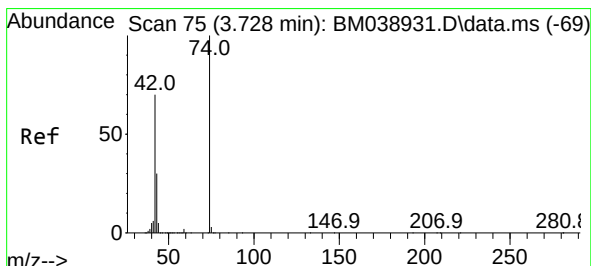
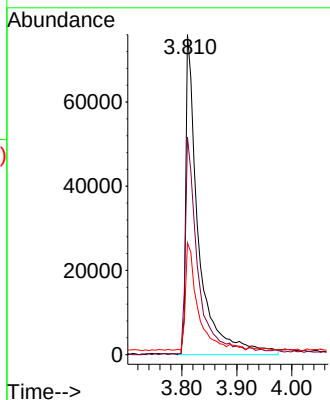
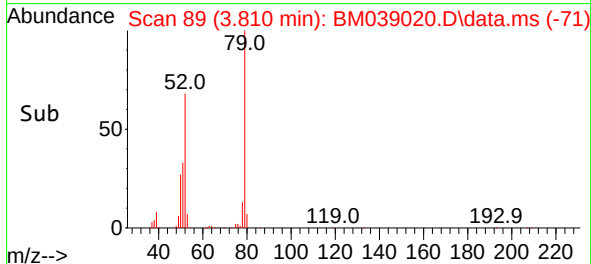
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023



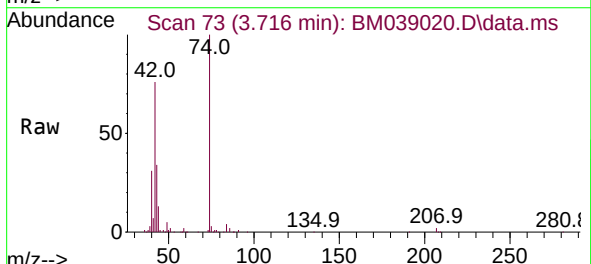
Tgt Ion: 79 Resp: 12179
Ion Ratio Lower Upper
79 100
52 67.9 51.4 77.2
51 34.9 26.6 40.0

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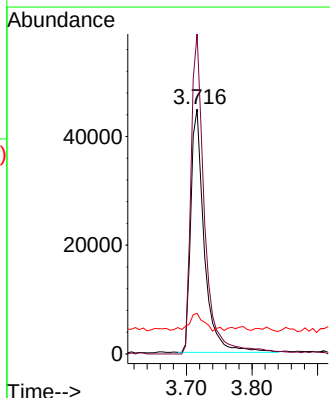
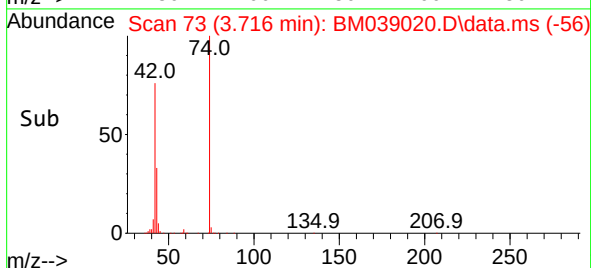
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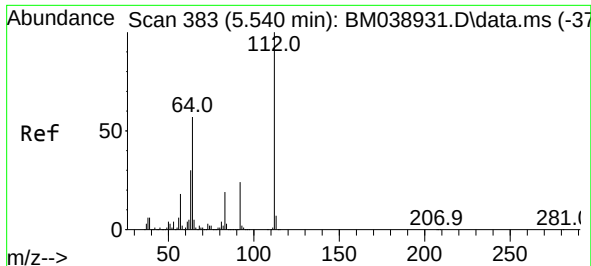


#4
n-Nitrosodimethylamine
Concen: 5.244 ng
RT: 3.716 min Scan# 73
Delta R.T. 0.000 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35



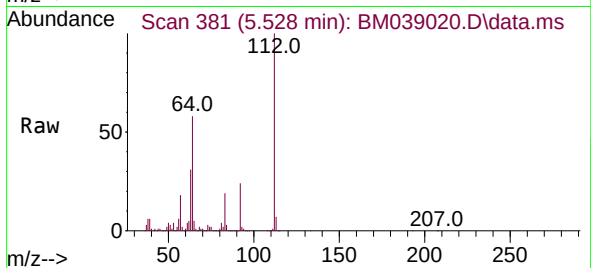
Tgt Ion: 42 Resp: 63795
Ion Ratio Lower Upper
42 100
74 130.8 113.8 170.8
44 16.5 6.2 9.2





#5
2-Fluorophenol
Concen: 103.865 ng
RT: 5.528 min Scan# 381
Delta R.T. 0.000 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

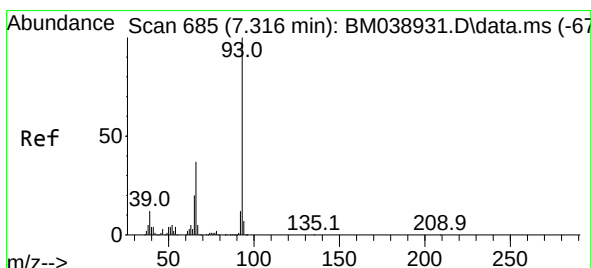
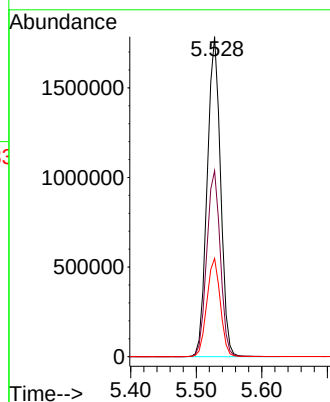
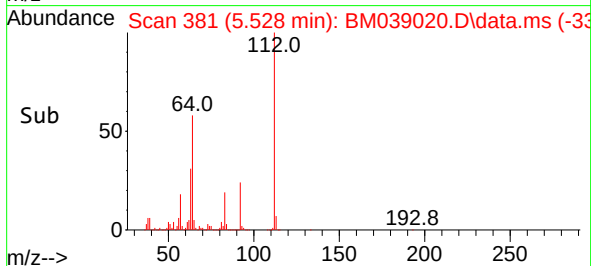
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 112 Resp: 2516558
Ion Ratio Lower Upper
112 100
64 58.1 45.9 68.9
63 30.7 23.8 35.8

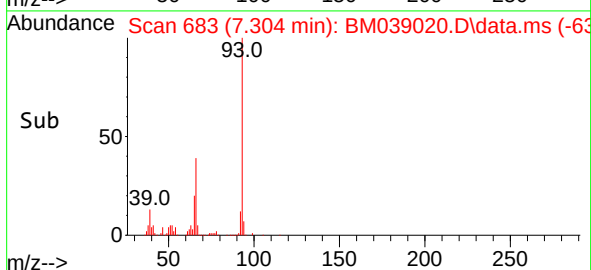
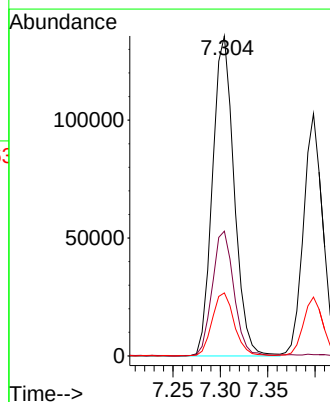
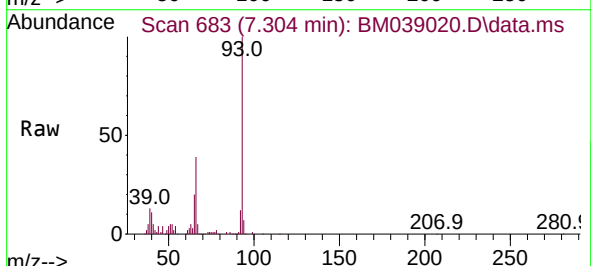
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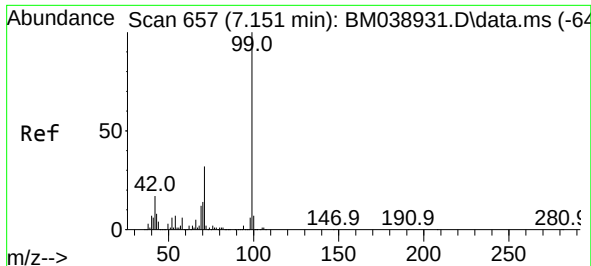
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#6
Aniline
Concen: 5.203 ng
RT: 7.304 min Scan# 683
Delta R.T. 0.006 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

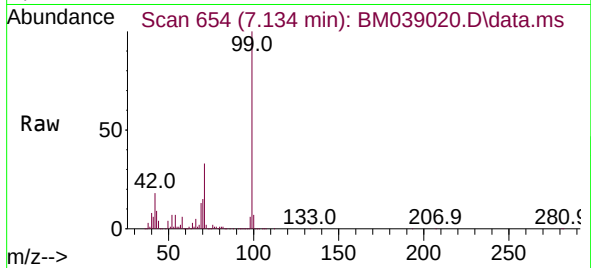
Tgt Ion: 93 Resp: 214978
Ion Ratio Lower Upper
93 100
66 39.0 30.0 45.0
65 19.7 15.8 23.6





#7
Phenol-d6
Concen: 107.570 ng
RT: 7.134 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

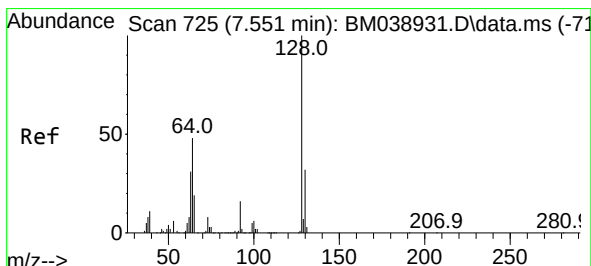
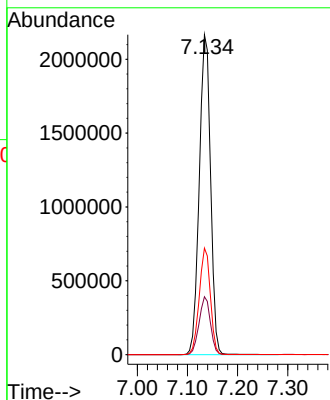
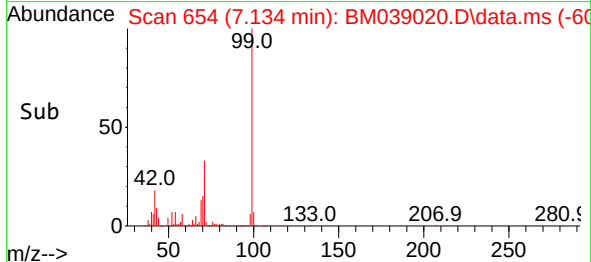
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 99 Resp: 3385340
Ion Ratio Lower Upper
99 100
42 18.1 13.5 20.3
71 33.3 25.6 38.4

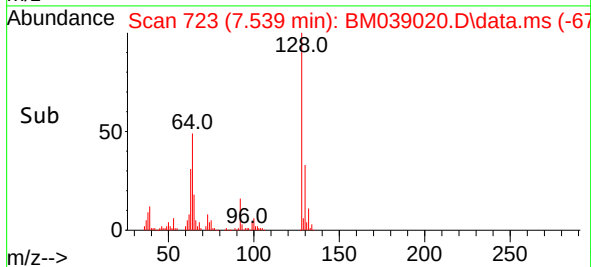
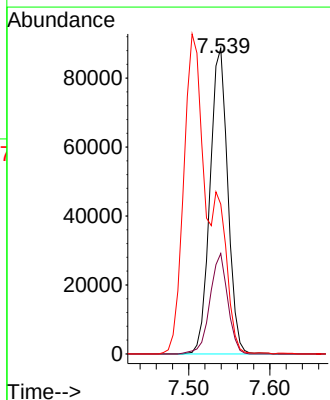
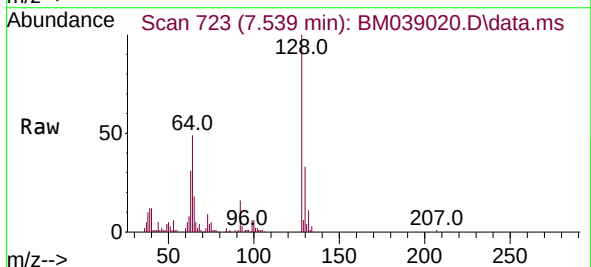
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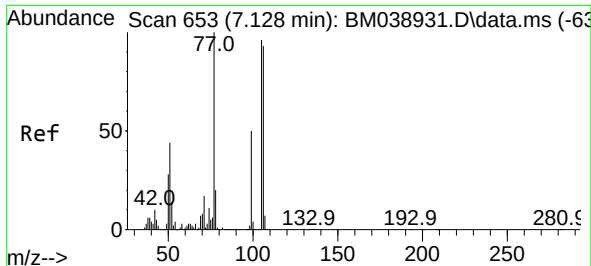
Reviewed By :Christian Giraldo 03/17/2023
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#8
2-Chlorophenol
Concen: 5.221 ng
RT: 7.539 min Scan# 723
Delta R.T. 0.000 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

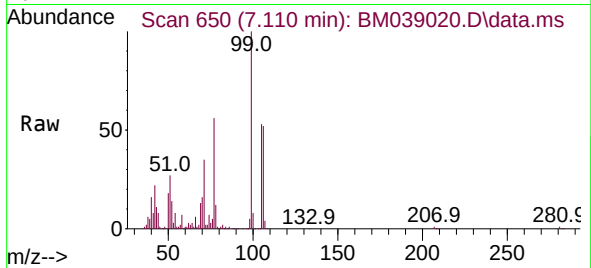
Tgt Ion:128 Resp: 134687
Ion Ratio Lower Upper
128 100
130 32.8 11.9 51.9
64 49.0 28.6 68.6





#9
Benzaldehyde
Concen: 7.591 ng m
RT: 7.110 min Scan# 611
Delta R.T. 0.000 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

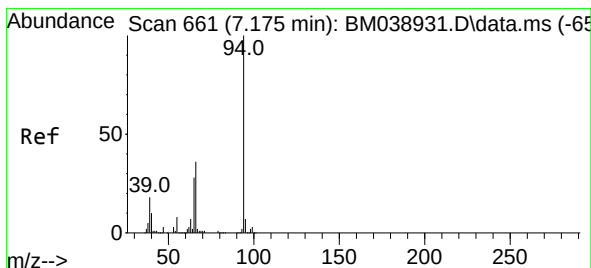
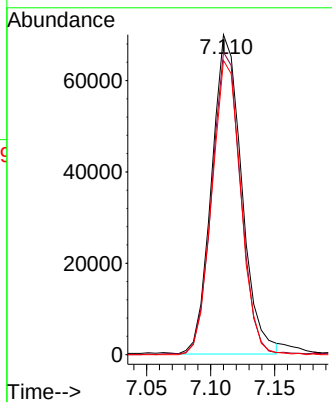
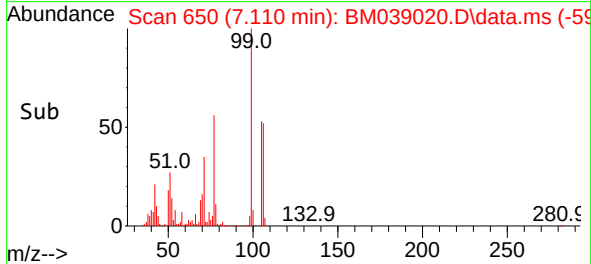
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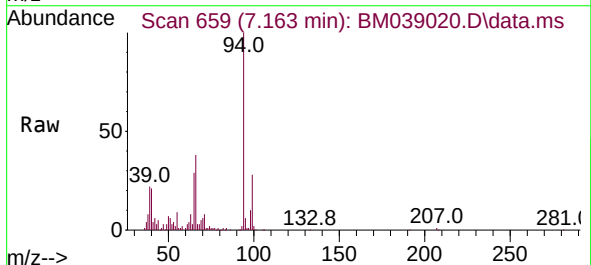
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Ion Ratio Lower Upper
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105 94.5 75.8 115.8
106 91.9 72.6 112.6

Manual Integrations
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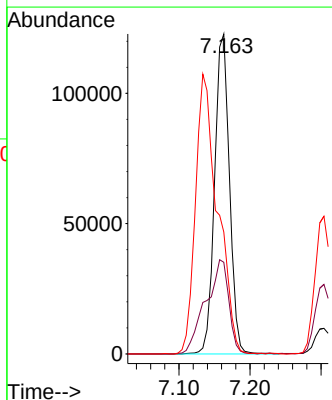
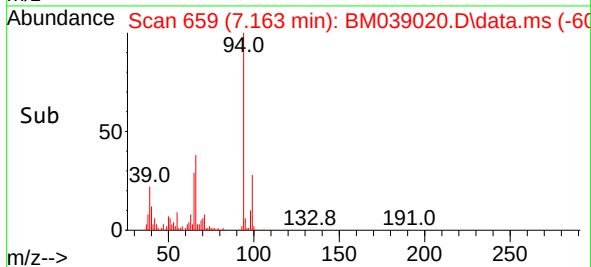
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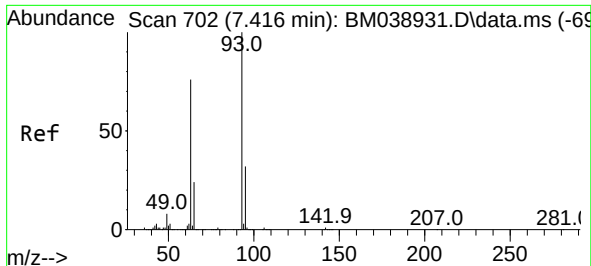


#10
Phenol
Concen: 5.343 ng
RT: 7.163 min Scan# 659
Delta R.T. 0.000 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35



Tgt Ion: 94 Resp: 178551
Ion Ratio Lower Upper
94 100
65 28.6 7.9 47.9
66 38.1 15.8 55.8





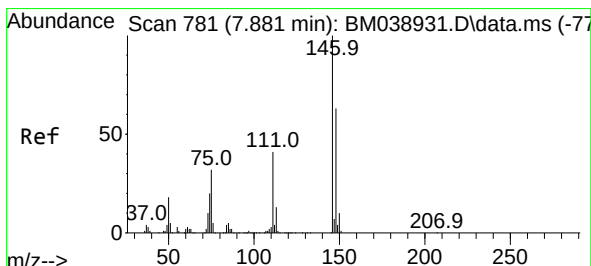
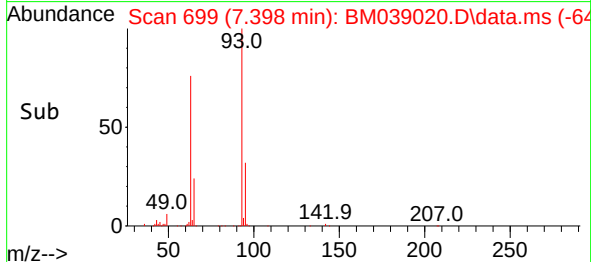
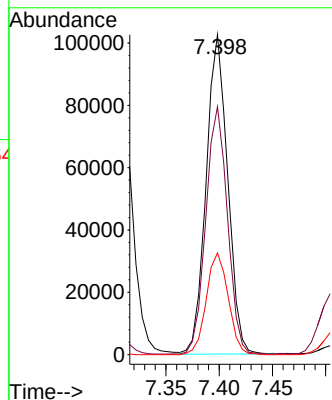
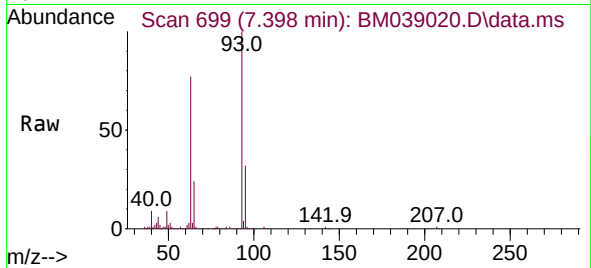
#11
bis(2-Chloroethyl)ether
Concen: 5.305 ng
RT: 7.398 min Scan# 699
Delta R.T. 0.000 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion: 93 Resp: 144149
Ion Ratio Lower Upper
93 100
63 77.5 55.8 95.8
95 31.8 12.2 52.2

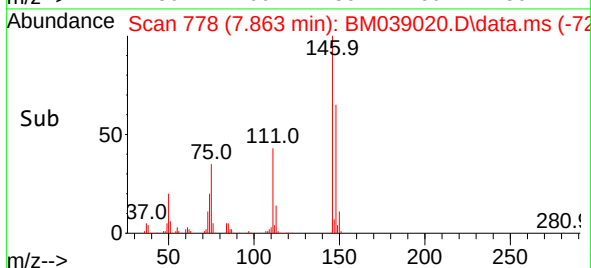
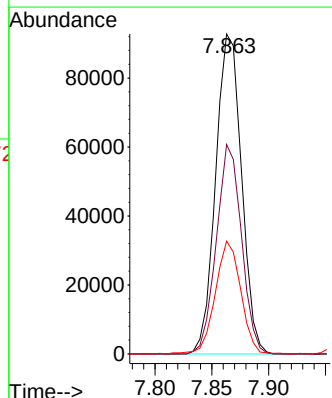
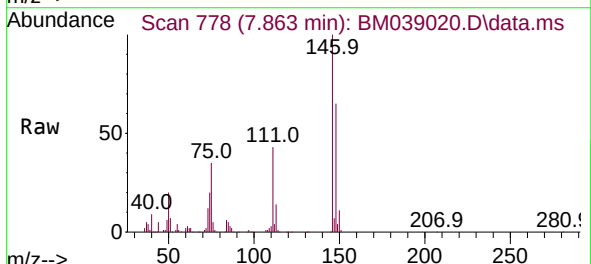
Manual Integrations
APPROVED

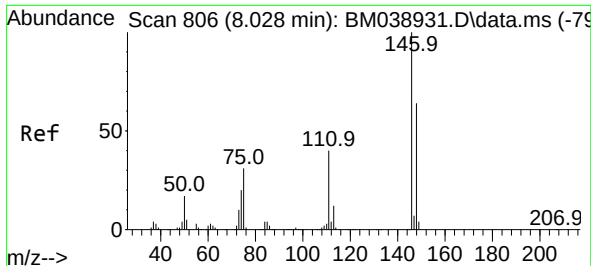
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#12
1,3-Dichlorobenzene
Concen: 5.350 ng
RT: 7.863 min Scan# 778
Delta R.T. 0.000 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

Tgt Ion:146 Resp: 146672
Ion Ratio Lower Upper
146 100
148 65.4 50.6 75.8
75 35.2 26.0 39.0





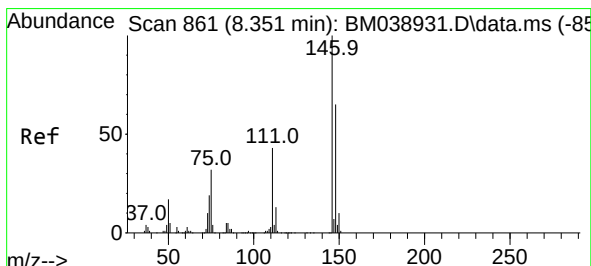
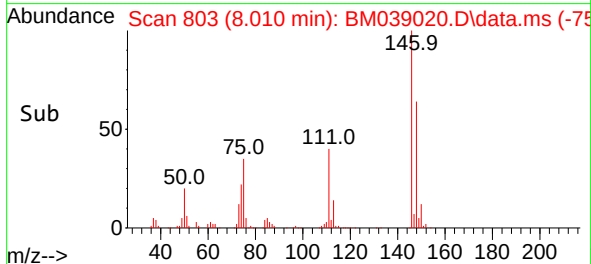
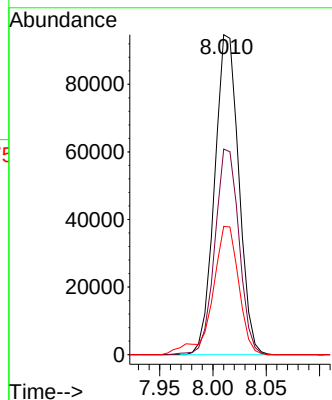
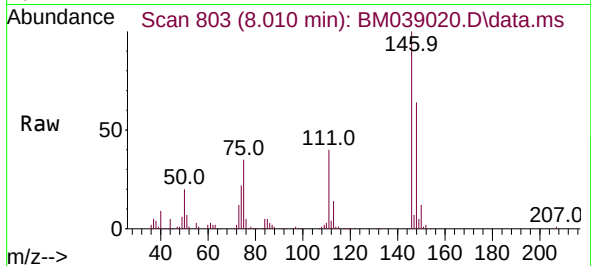
#13
1,4-Dichlorobenzene
Concen: 5.364 ng
RT: 8.010 min Scan# 806
Delta R.T. 0.000 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:146 Resp: 149536
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.4
111 40.1 32.2 48.4

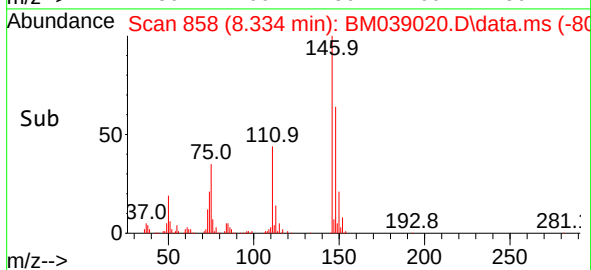
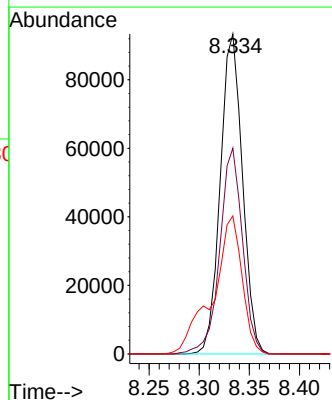
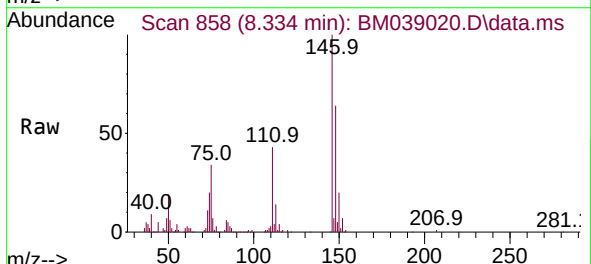
Manual Integrations
APPROVED

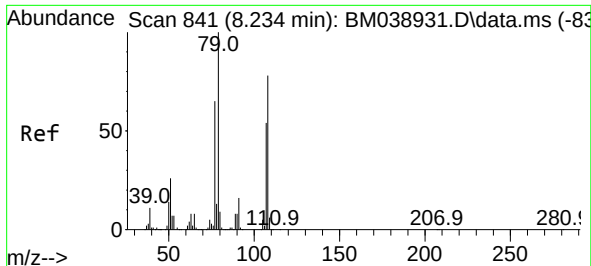
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#14
1,2-Dichlorobenzene
Concen: 5.350 ng
RT: 8.334 min Scan# 858
Delta R.T. 0.000 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

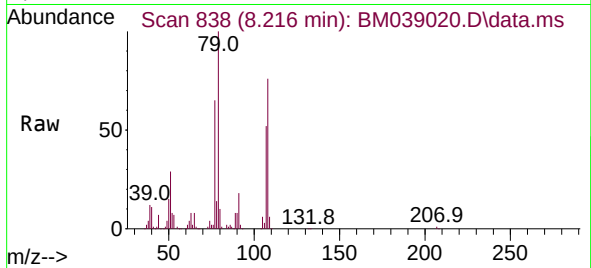
Tgt Ion:146 Resp: 143681
Ion Ratio Lower Upper
146 100
148 64.3 51.7 77.5
111 43.2 34.2 51.4





#15
Benzyl Alcohol
Concen: 5.325 ng
RT: 8.216 min Scan# 841
Delta R.T. 0.000 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

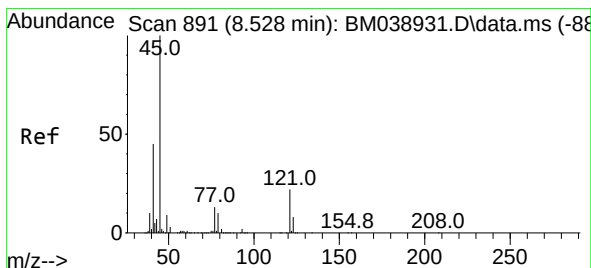
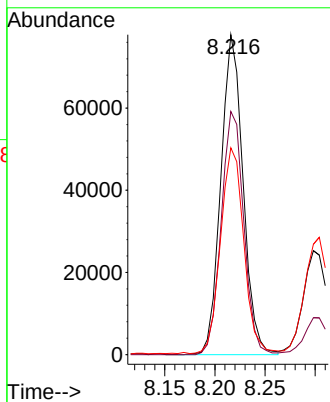
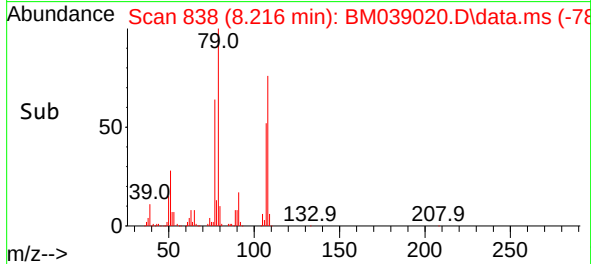
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 79 Resp: 120110
Ion Ratio Lower Upper
79 100
108 76.0 62.4 93.6
77 64.6 52.2 78.4

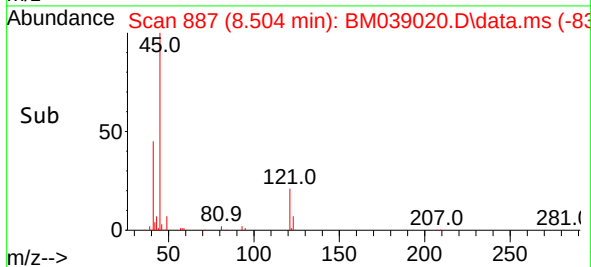
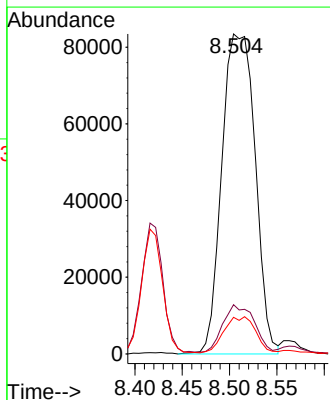
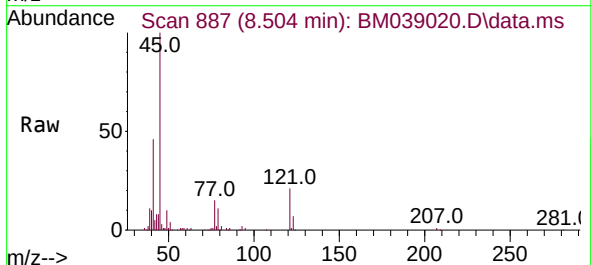
Manual Integrations
APPROVED

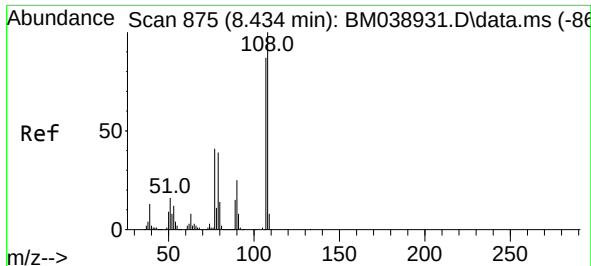
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.954 ng
RT: 8.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

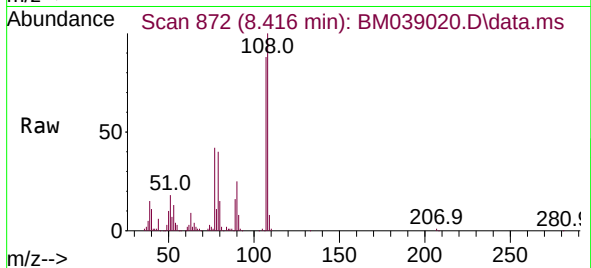
Tgt Ion: 45 Resp: 204305
Ion Ratio Lower Upper
45 100
77 15.4 0.0 34.8
79 11.5 0.0 31.5





#17
2-Methylphenol
Concen: 4.781 ng
RT: 8.416 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

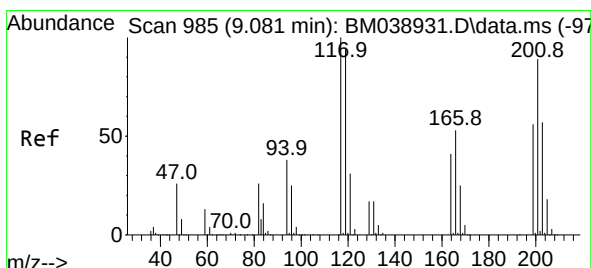
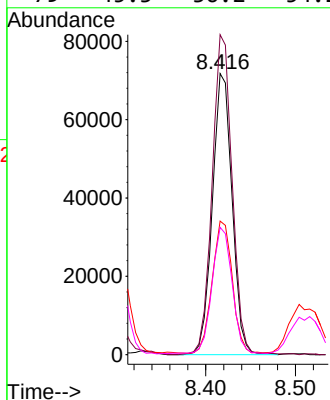
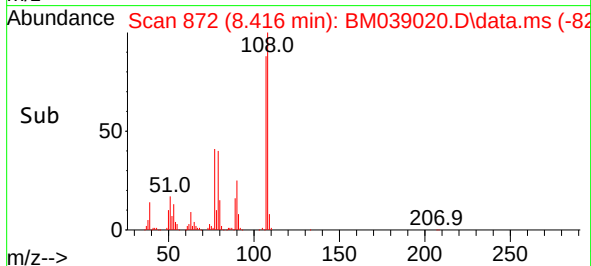
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:	107	Resp:	109762
Ion Ratio	Lower	Upper	
107	100		
108	113.9	91.7	137.5
77	47.5	37.4	56.2
79	45.3	36.2	54.2

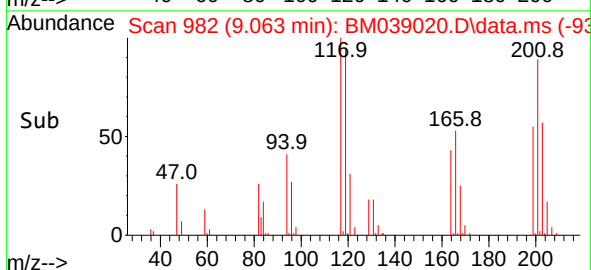
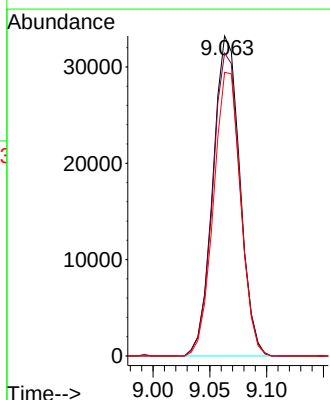
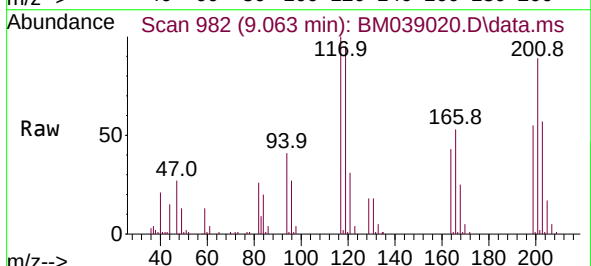
Manual Integrations
APPROVED

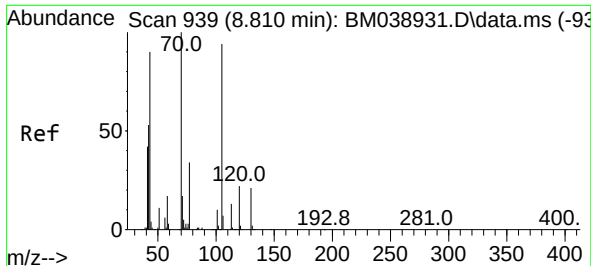
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#18
Hexachloroethane
Concen: 5.316 ng
RT: 9.063 min Scan# 982
Delta R.T. 0.000 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

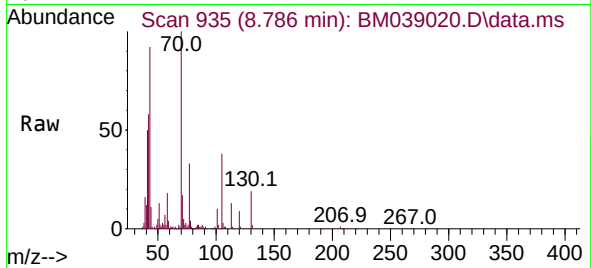
Tgt Ion:	117	Resp:	54687
Ion Ratio	Lower	Upper	
117	100		
119	94.6	75.4	113.0
201	90.2	71.3	106.9





#19
n-Nitroso-di-n-propylamine
Concen: 5.819 ng
RT: 8.786 min Scan# 931
Delta R.T. -0.006 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

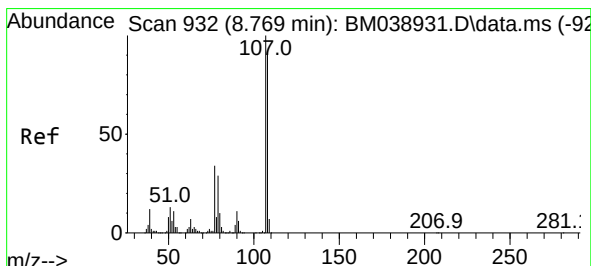
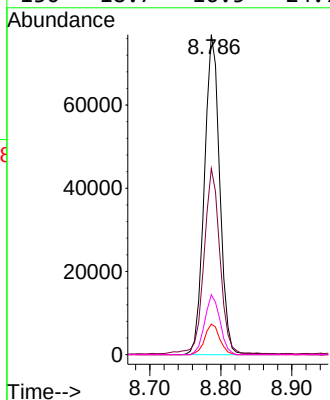
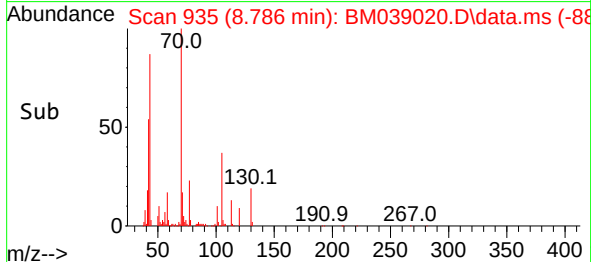
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023



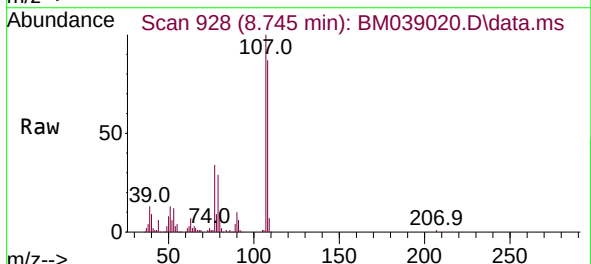
Tgt Ion: 70 Resp: 115356
Ion Ratio Lower Upper
70 100
42 58.2 43.4 65.2
101 9.5 7.6 11.4
130 18.7 16.5 24.7

Manual Integrations
APPROVED

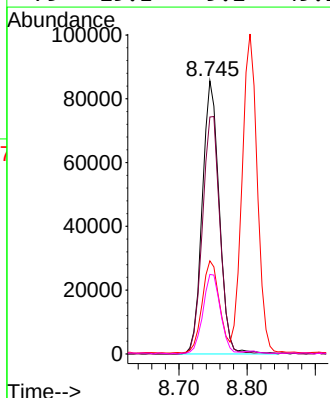
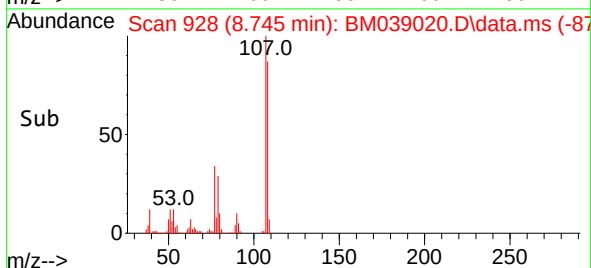
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023

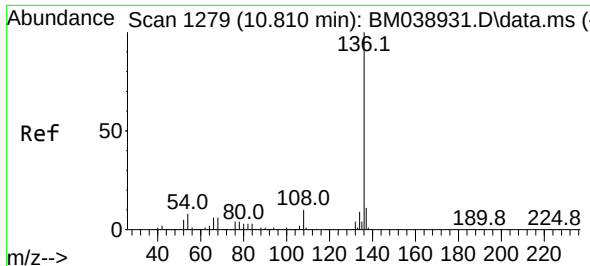


#20
3+4-Methylphenols
Concen: 4.837 ng
RT: 8.745 min Scan# 928
Delta R.T. -0.006 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35



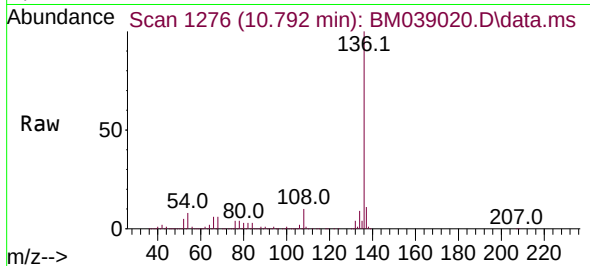
Tgt Ion:107 Resp: 148278
Ion Ratio Lower Upper
107 100
108 86.8 71.8 111.8
77 34.1 13.6 53.6
79 29.1 9.2 49.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.792 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

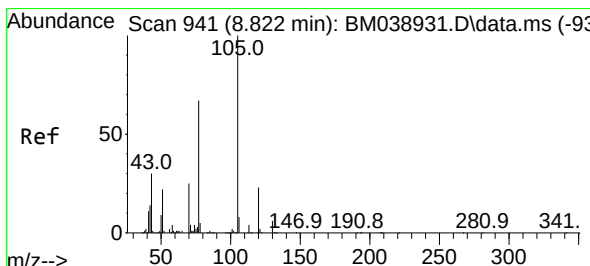
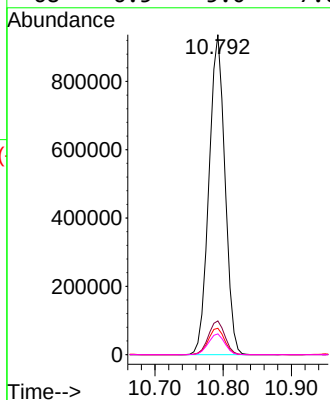
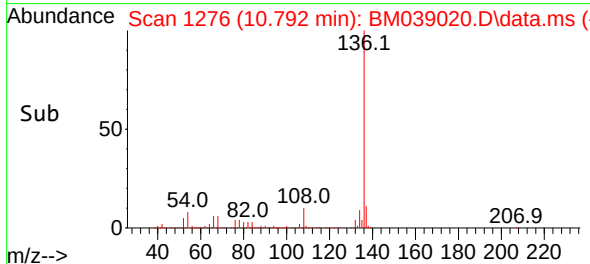
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:136 Resp: 1521563
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 8.2 6.3 9.5
68 6.5 5.0 7.6

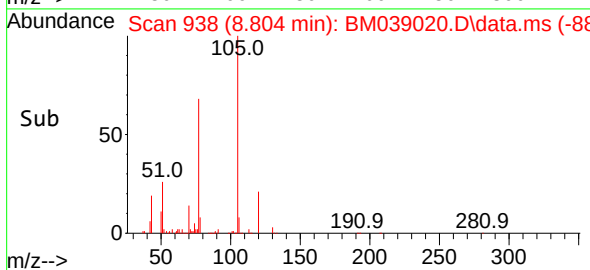
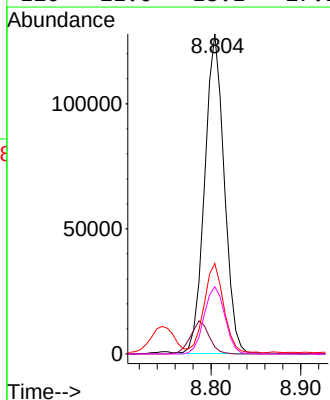
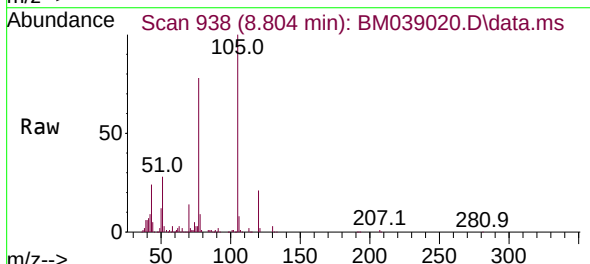
Manual Integrations
APPROVED

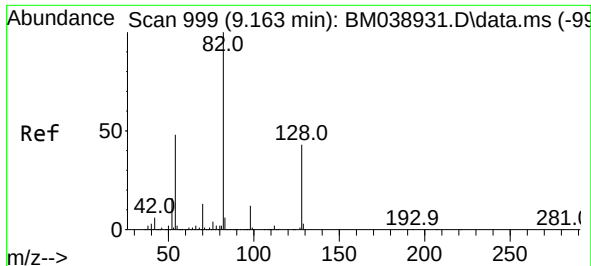
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#22
Acetophenone
Concen: 4.530 ng
RT: 8.804 min Scan# 938
Delta R.T. 0.000 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

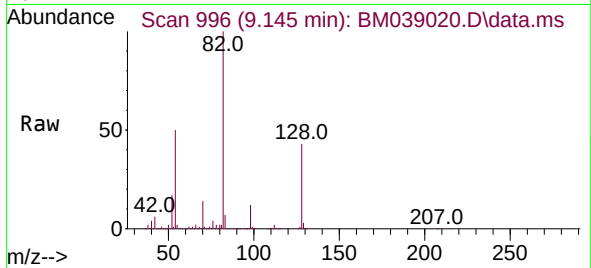
Tgt Ion:105 Resp: 193370
Ion Ratio Lower Upper
105 100
71 2.2 3.4 5.0#
51 28.2 21.0 31.4
120 21.0 18.1 27.1





#23
Nitrobenzene-d5
Concen: 79.771 ng
RT: 9.145 min Scan# 999
Delta R.T. 0.000 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

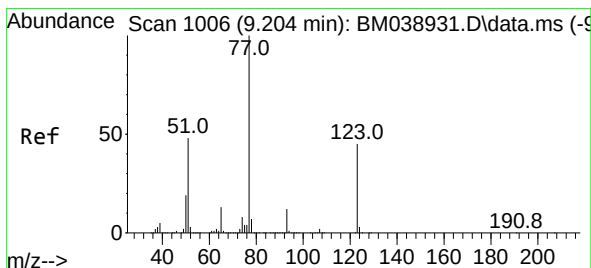
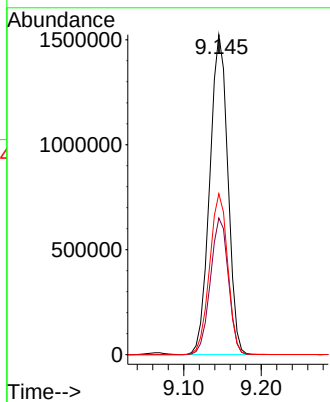
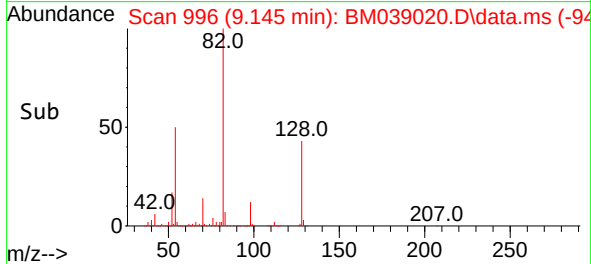
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 82 Resp: 2470969
Ion Ratio Lower Upper
82 100
128 42.7 34.4 51.6
54 50.3 38.8 58.2

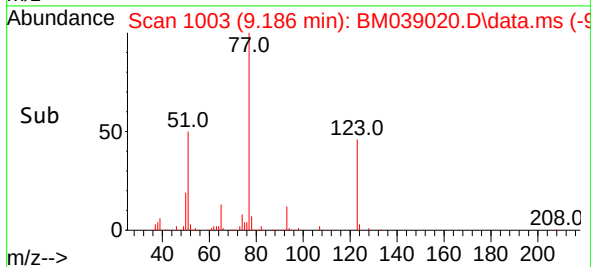
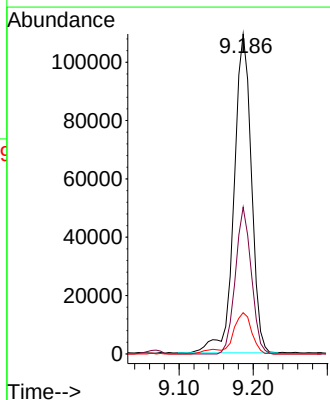
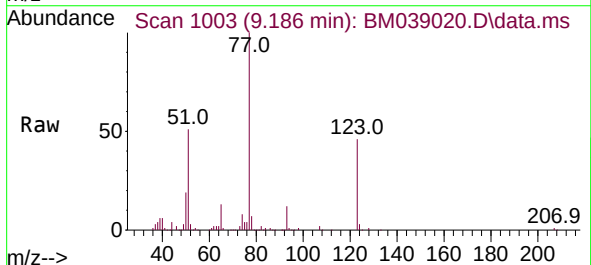
Manual Integrations
APPROVED

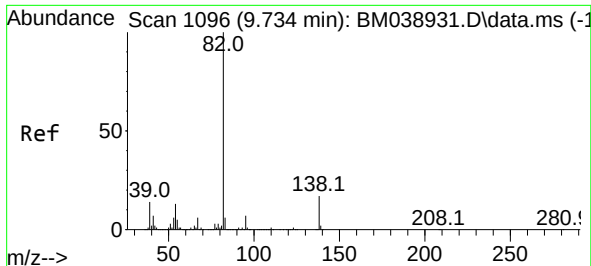
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#24
Nitrobenzene
Concen: 5.466 ng
RT: 9.186 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

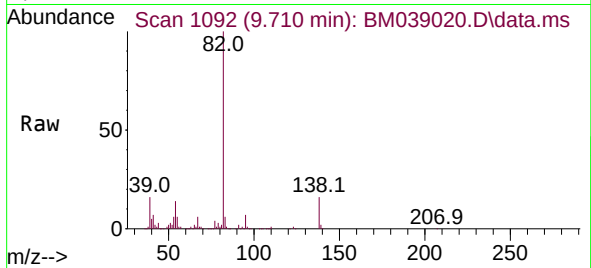
Tgt Ion: 77 Resp: 177948
Ion Ratio Lower Upper
77 100
123 45.8 35.8 53.6
65 12.9 10.2 15.4





#25
Isophorone
Concen: 5.343 ng
RT: 9.710 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

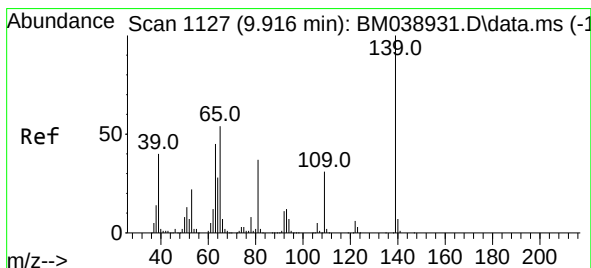
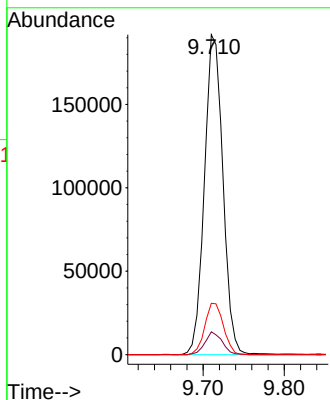
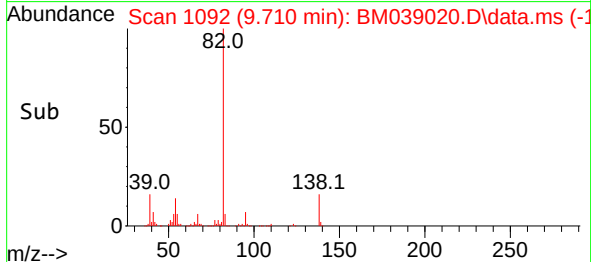
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 82 Resp: 304558
Ion Ratio Lower Upper
82 100
95 7.1 5.2 7.8
138 16.0 13.6 20.4

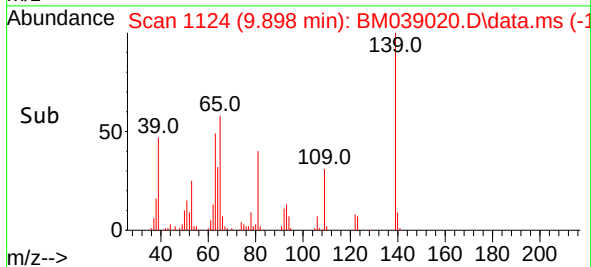
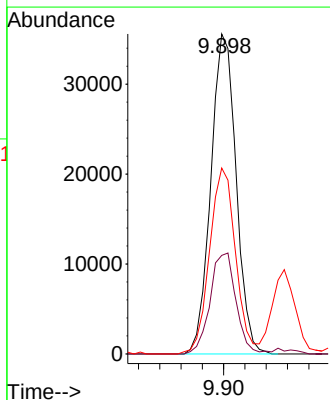
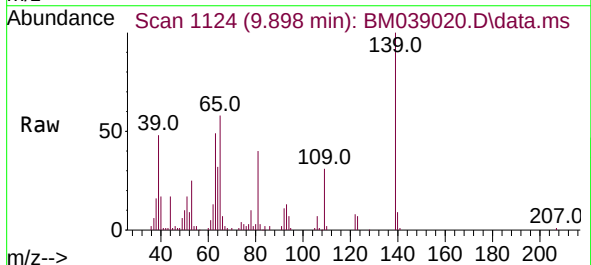
Manual Integrations
APPROVED

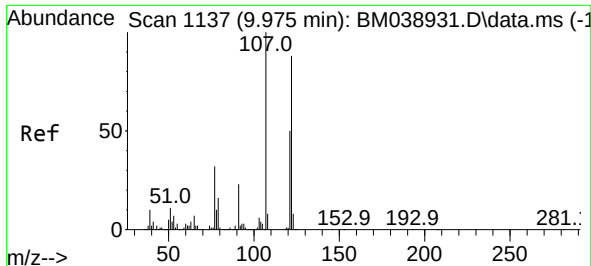
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#26
2-Nitrophenol
Concen: 4.560 ng
RT: 9.898 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

Tgt Ion:139 Resp: 58667
Ion Ratio Lower Upper
139 100
109 30.8 24.5 36.7
65 58.1 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 4.955 ng

RT: 9.957 min Scan# 1137

Delta R.T. 0.000 min

Lab File: BM039020.D

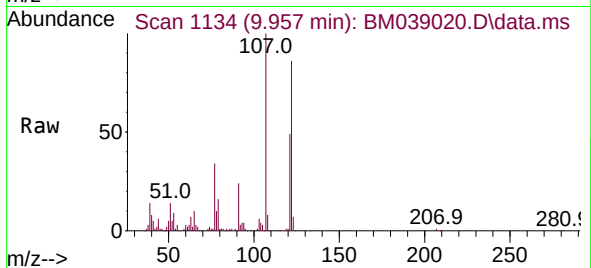
Acq: 16 Mar 2023 17:35

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2023



Tgt Ion:122 Resp: 123074

Ion Ratio Lower Upper

122 100

107 115.6 91.0 136.4

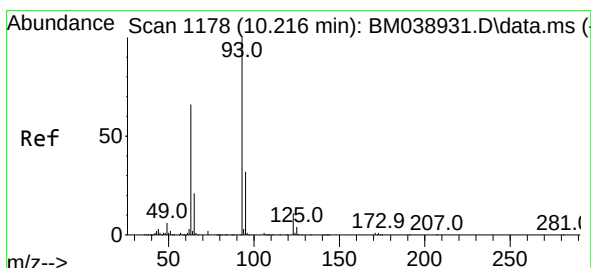
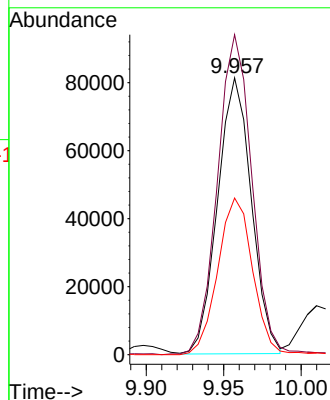
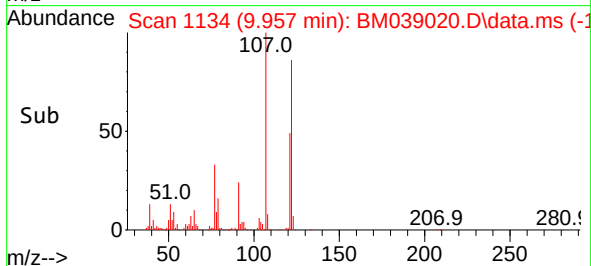
121 56.6 45.1 67.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/17/2023

Supervised By :Jagrut Upadhyay 03/17/2023



#28

bis(2-Chloroethoxy)methane

Concen: 5.356 ng

RT: 10.198 min Scan# 1175

Delta R.T. 0.000 min

Lab File: BM039020.D

Acq: 16 Mar 2023 17:35

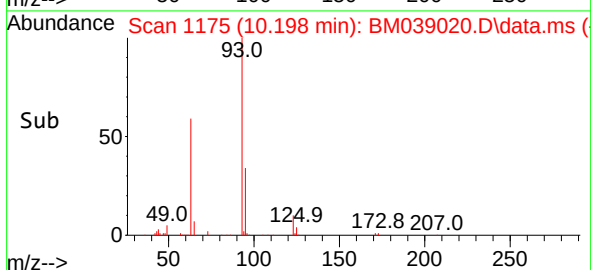
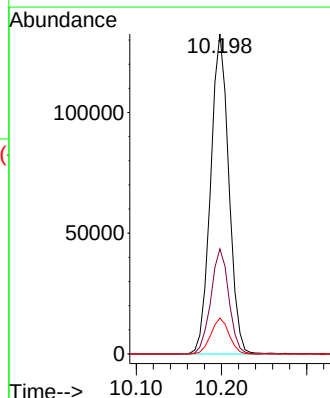
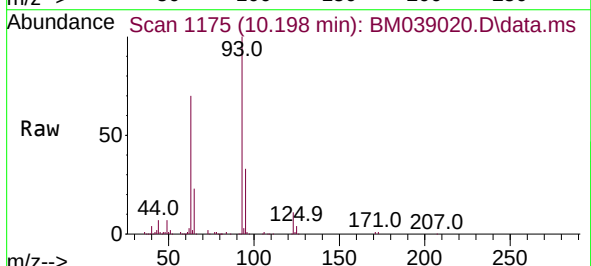
Tgt Ion: 93 Resp: 196160

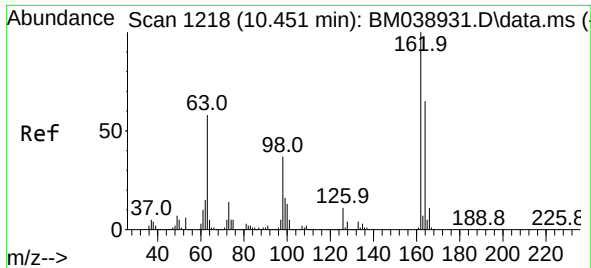
Ion Ratio Lower Upper

93 100

95 32.8 25.9 38.9

123 11.2 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 4.623 ng

RT: 10.433 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BM039020.D

Acq: 16 Mar 2023 17:35

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion:162 Resp: 108859

Ion Ratio Lower Upper

162 100

164 64.6 44.6 84.6

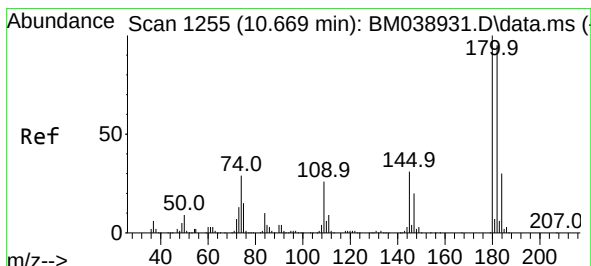
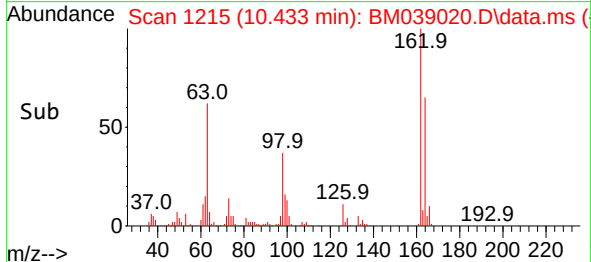
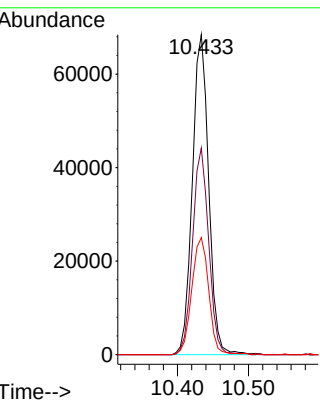
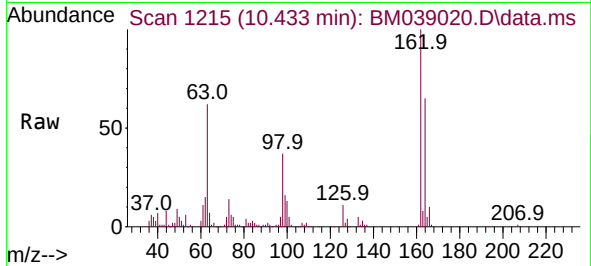
98 36.6 17.5 57.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/17/2023

Supervised By :Jagrut Upadhyay 03/17/2023



#30

1,2,4-Trichlorobenzene

Concen: 4.941 ng

RT: 10.651 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BM039020.D

Acq: 16 Mar 2023 17:35

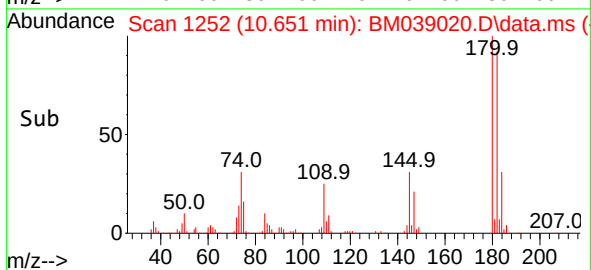
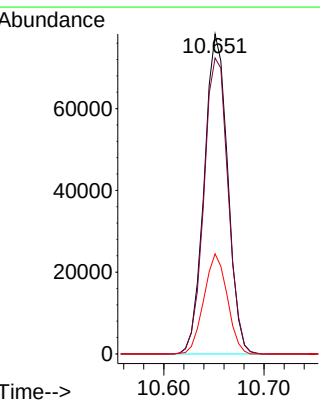
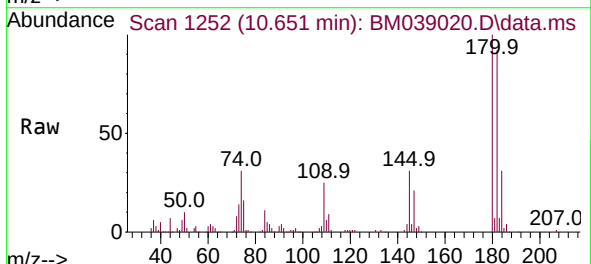
Tgt Ion:180 Resp: 127131

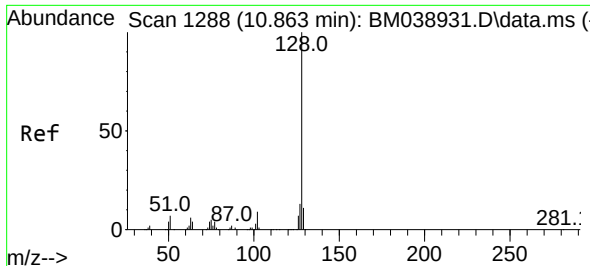
Ion Ratio Lower Upper

180 100

182 92.5 76.3 114.5

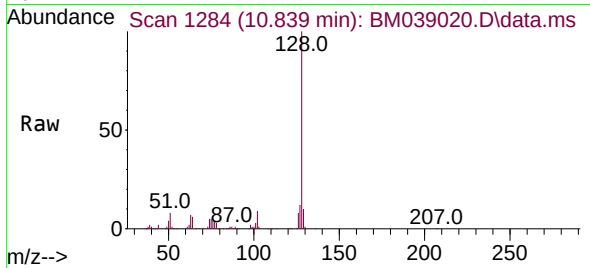
145 31.3 25.0 37.4





#31
Naphthalene
Concen: 5.066 ng
RT: 10.839 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

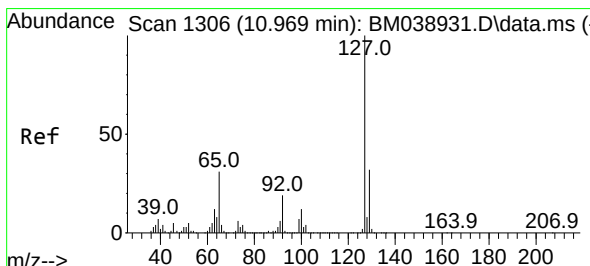
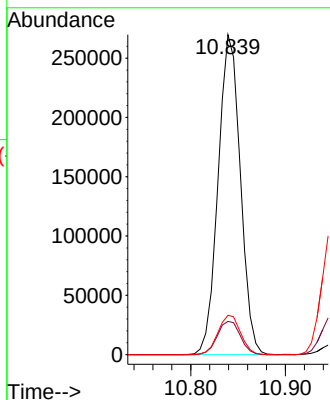
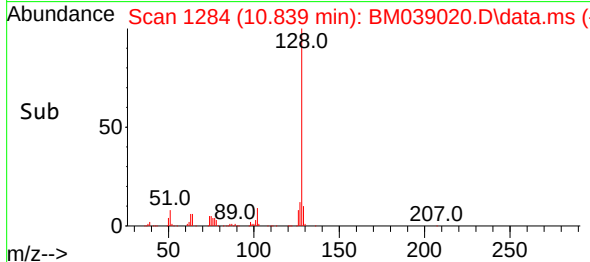
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023



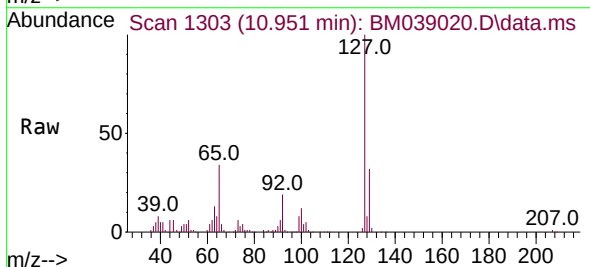
Tgt Ion:128 Resp: 439535
Ion Ratio Lower Upper
128 100
129 10.4 8.6 13.0
127 12.3 10.2 15.4

Manual Integrations
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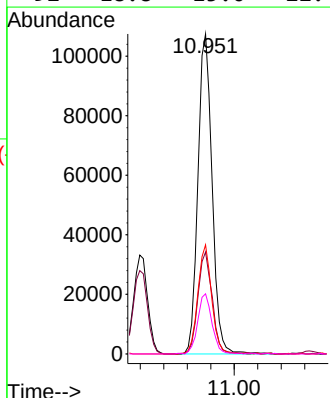
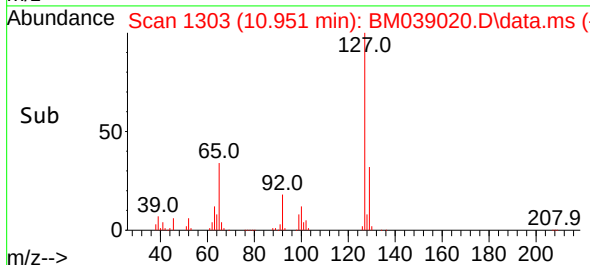
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023

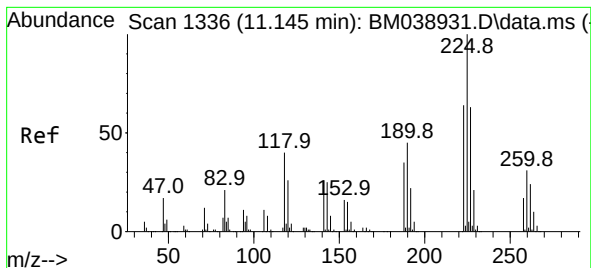


#33
4-Chloroaniline
Concen: 4.860 ng
RT: 10.951 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35



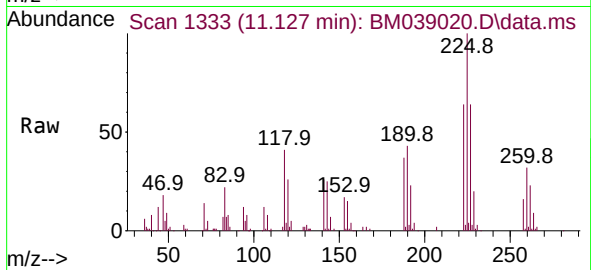
Tgt Ion:127 Resp: 179688
Ion Ratio Lower Upper
127 100
129 31.8 25.4 38.2
65 34.1 24.4 36.6
92 18.8 15.0 22.4





#34
Hexachlorobutadiene
Concen: 4.826 ng
RT: 11.127 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

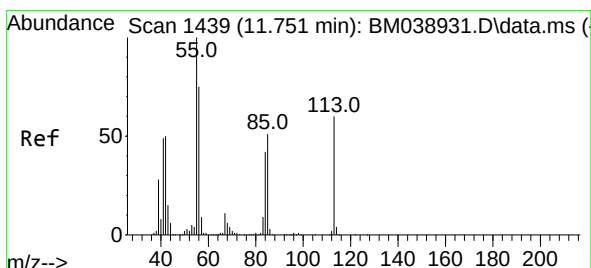
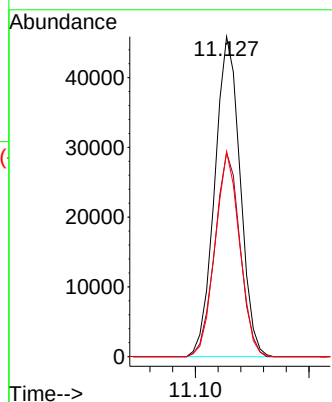
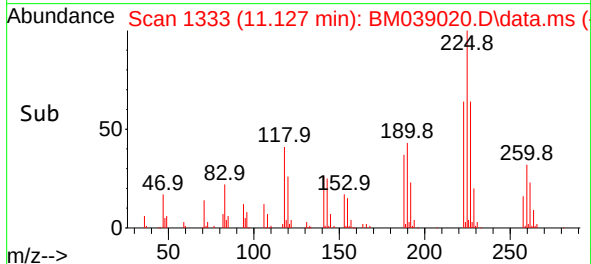
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:225 Resp: 71209
Ion Ratio Lower Upper
225 100
223 61.1 51.3 76.9
227 63.8 50.6 76.0

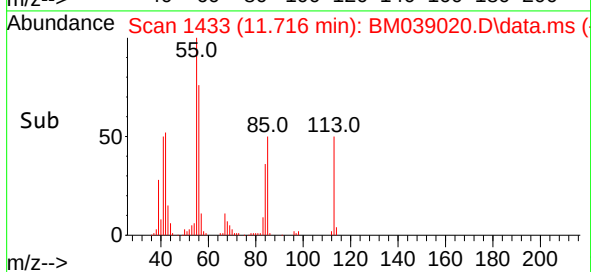
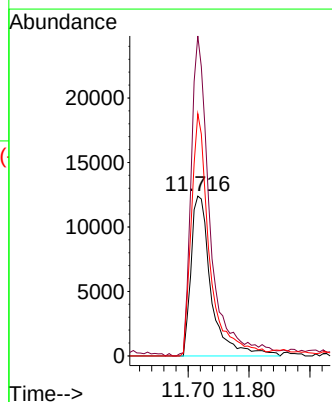
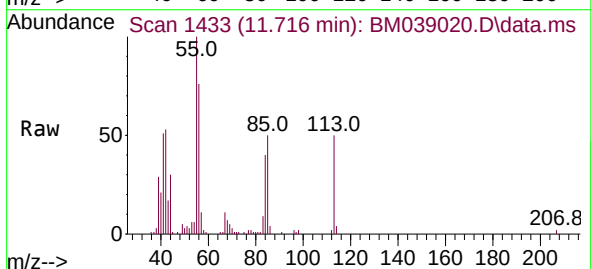
Manual Integrations
APPROVED

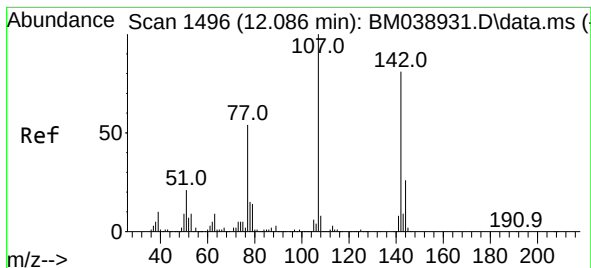
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#35
Caprolactam
Concen: 3.969 ng
RT: 11.716 min Scan# 1433
Delta R.T. -0.024 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

Tgt Ion:113 Resp: 28445
Ion Ratio Lower Upper
113 100
55 200.4 147.0 187.0#
56 151.7 105.1 145.1#





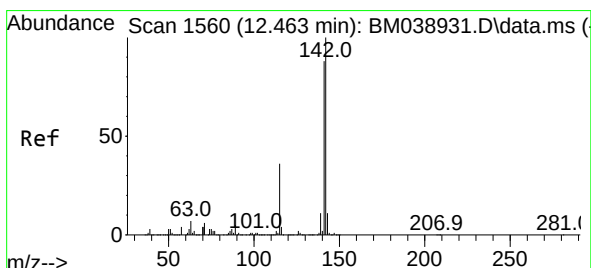
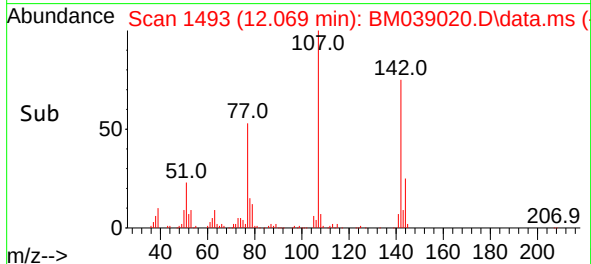
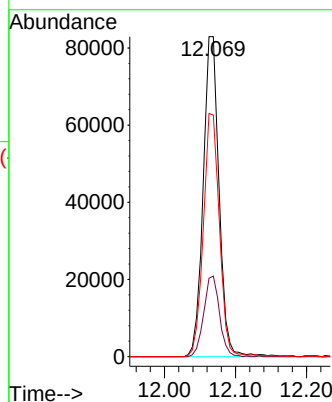
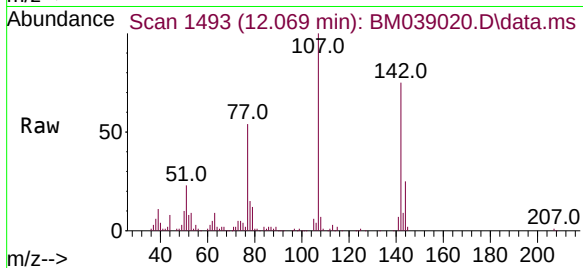
#36
4-Chloro-3-methylphenol
Concen: 5.107 ng
RT: 12.069 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:107 Resp: 128064
Ion Ratio Lower Upper
107 100
144 25.2 20.7 31.1
142 75.5 64.6 97.0

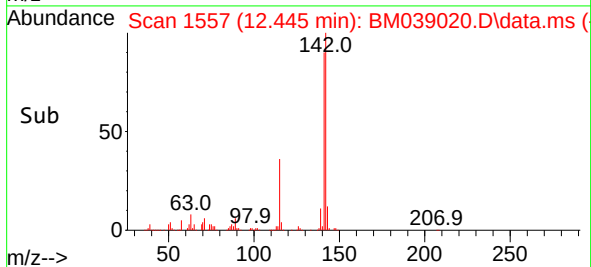
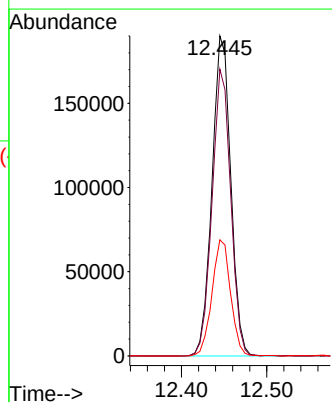
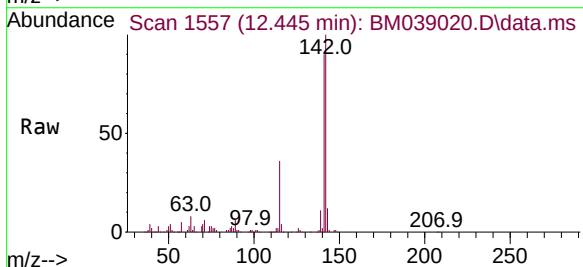
Manual Integrations
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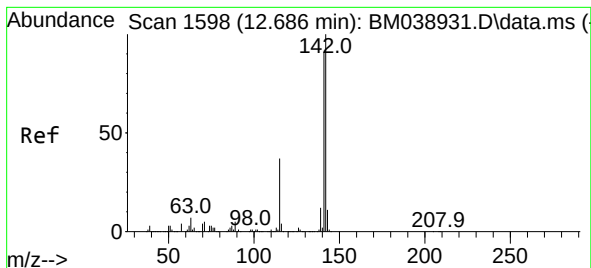
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#37
2-Methylnaphthalene
Concen: 4.993 ng
RT: 12.445 min Scan# 1557
Delta R.T. 0.000 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

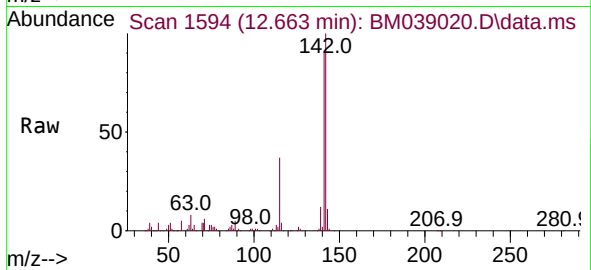
Tgt Ion:142 Resp: 290328
Ion Ratio Lower Upper
142 100
141 89.6 70.6 106.0
115 36.3 28.5 42.7





#38
1-Methylnaphthalene
Concen: 5.054 ng
RT: 12.663 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

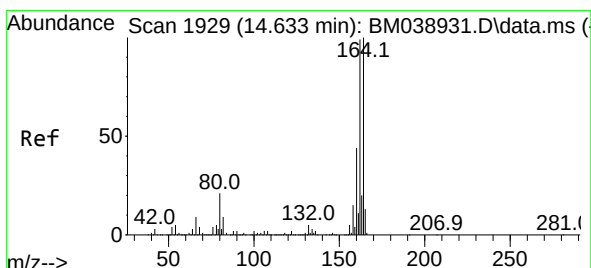
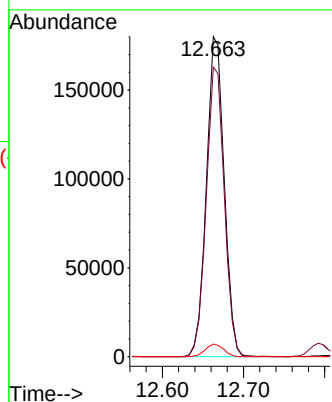
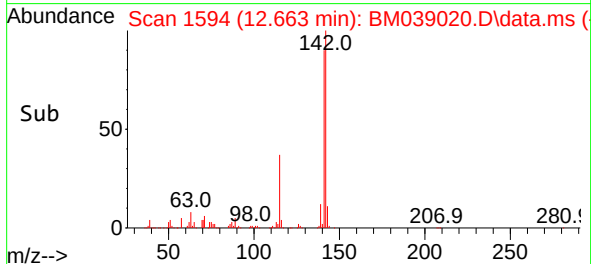
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:142 Resp: 275409
Ion Ratio Lower Upper
142 100
141 90.4 72.8 109.2
116 3.9 3.0 4.4

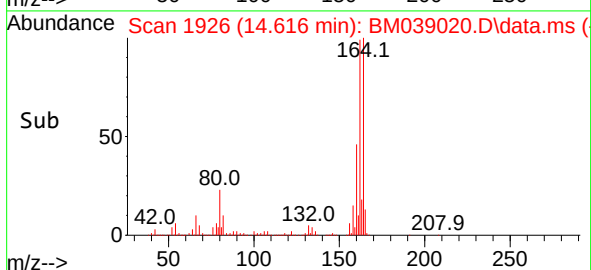
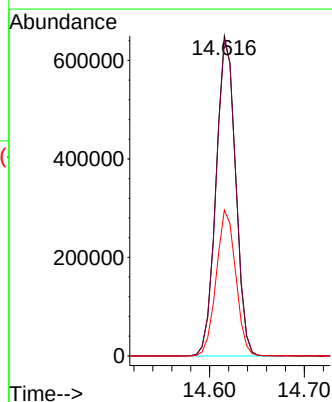
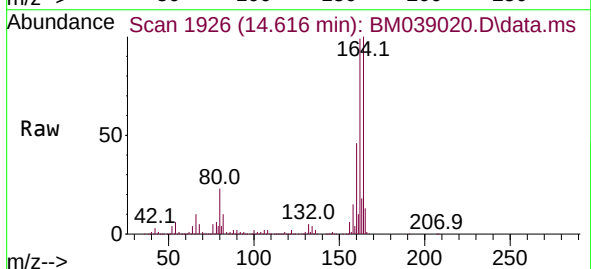
Manual Integrations
APPROVED

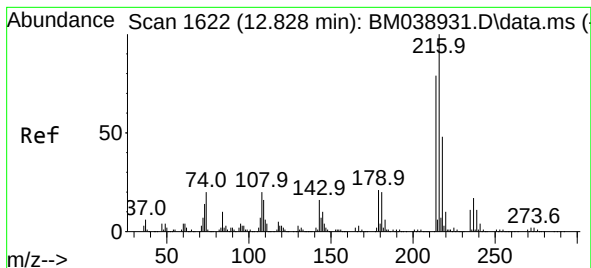
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.616 min Scan# 1926
Delta R.T. 0.001 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

Tgt Ion:164 Resp: 926187
Ion Ratio Lower Upper
164 100
162 98.6 79.2 118.8
160 45.6 35.5 53.3





#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.829 ng

RT: 12.810 min Scan# 1619

Delta R.T. -0.006 min

Lab File: BM039020.D

Acq: 16 Mar 2023 17:35

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion:216 Resp: 115288

Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.4

179 21.6 16.8 25.2

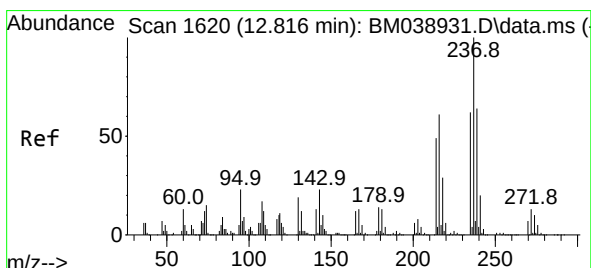
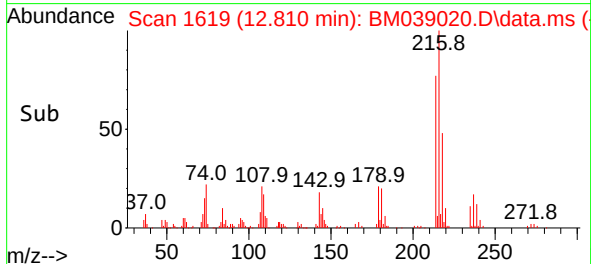
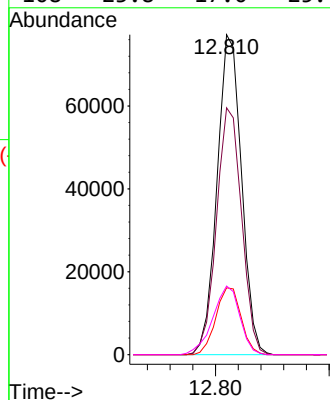
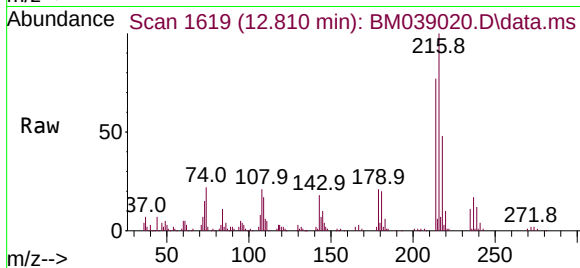
108 23.8 17.0 25.4

Manual Integrations

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Reviewed By :Christian Giraldo 03/17/2023

Supervised By :Jagrut Upadhyay 03/17/2023



#41

Hexachlorocyclopentadiene

Concen: 4.651 ng

RT: 12.792 min Scan# 1616

Delta R.T. 0.000 min

Lab File: BM039020.D

Acq: 16 Mar 2023 17:35

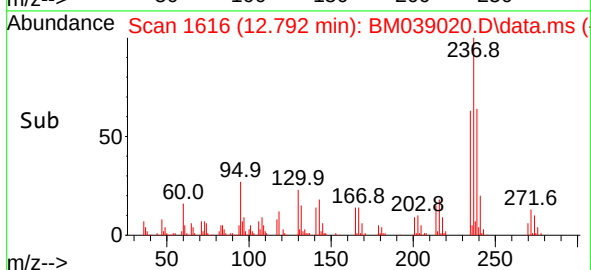
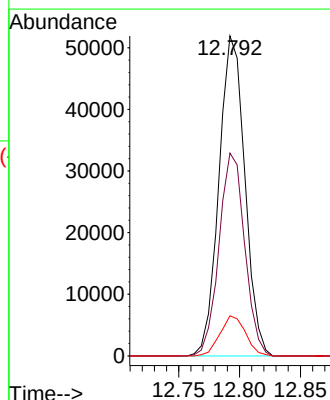
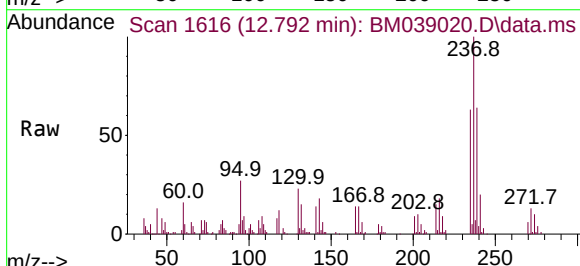
Tgt Ion:237 Resp: 76874

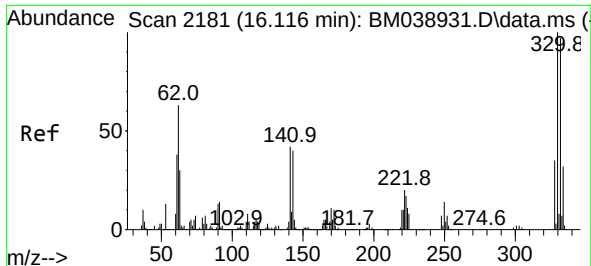
Ion Ratio Lower Upper

237 100

235 63.4 41.7 81.7

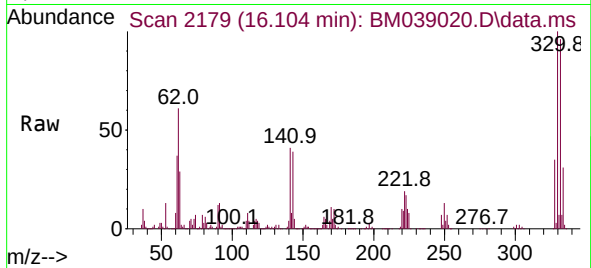
272 12.5 0.0 33.2





#42
2,4,6-Tribromophenol
Concen: 108.476 ng
RT: 16.104 min Scan# 2181
Delta R.T. 0.000 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

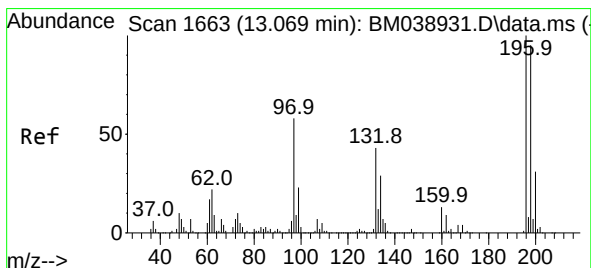
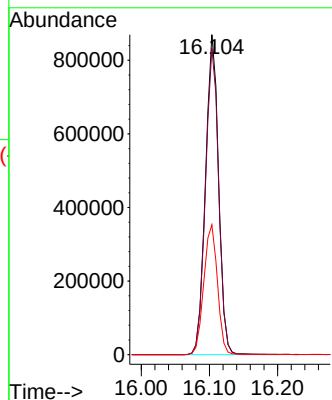
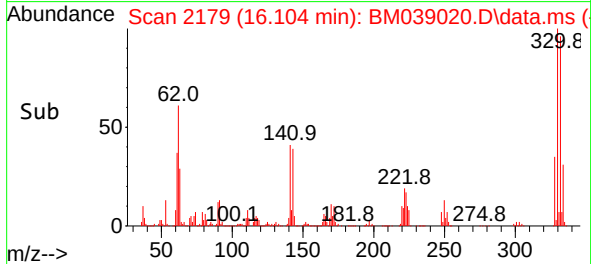
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023



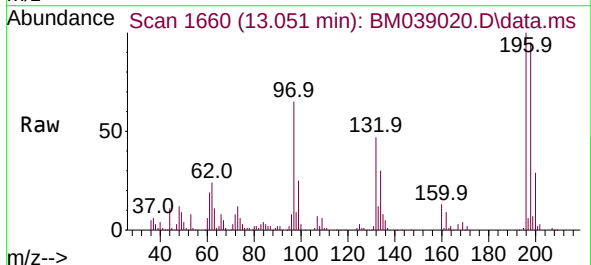
Tgt Ion:330 Resp: 1162268
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.0
141 42.2 32.2 48.4

Manual Integrations
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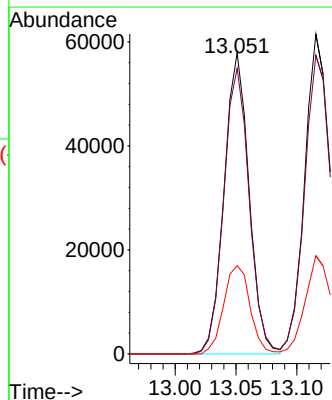
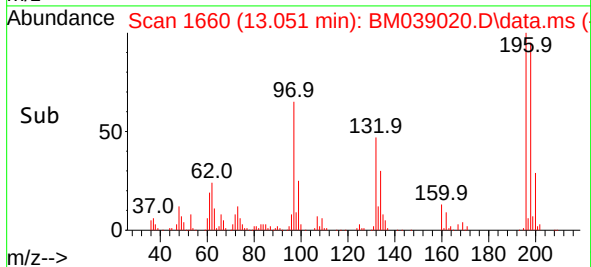
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023

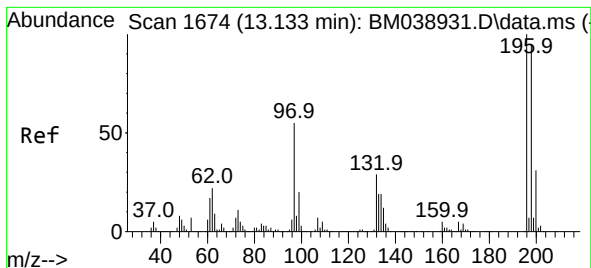


#43
2,4,6-Trichlorophenol
Concen: 4.244 ng
RT: 13.051 min Scan# 1660
Delta R.T. 0.000 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35



Tgt Ion:196 Resp: 82747
Ion Ratio Lower Upper
196 100
198 94.9 75.8 113.8
200 29.3 25.0 37.4





#44

2,4,5-Trichlorophenol

Concen: 3.979 ng

RT: 13.116 min Scan# 1671

Delta R.T. -0.006 min

Lab File: BM039020.D

Acq: 16 Mar 2023 17:35

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion:196 Resp: 90820

Ion Ratio Lower Upper

196 100

198 93.3 76.3 114.5

97 57.9 44.2 66.4

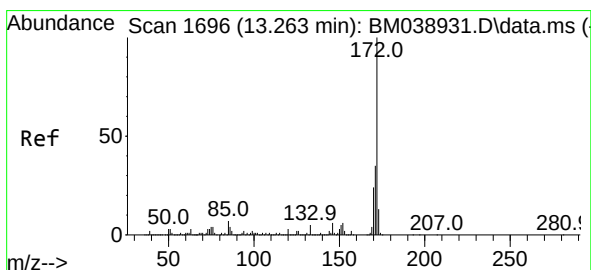
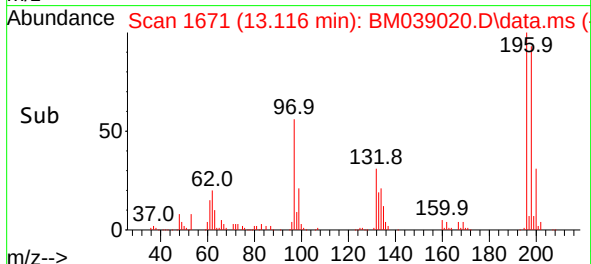
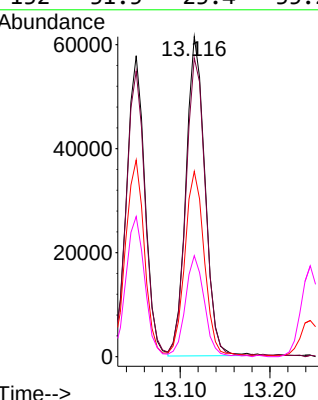
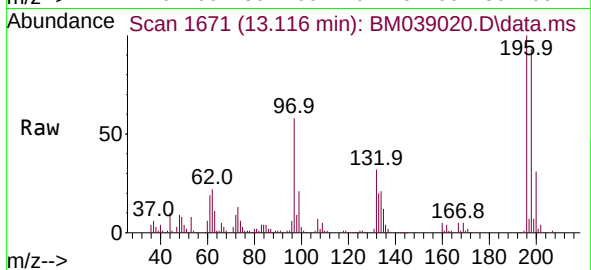
132 31.5 23.4 35.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/17/2023

Supervised By :Jagrut Upadhyay 03/17/2023



#45

2-Fluorobiphenyl

Concen: 72.198 ng

RT: 13.245 min Scan# 1693

Delta R.T. 0.000 min

Lab File: BM039020.D

Acq: 16 Mar 2023 17:35

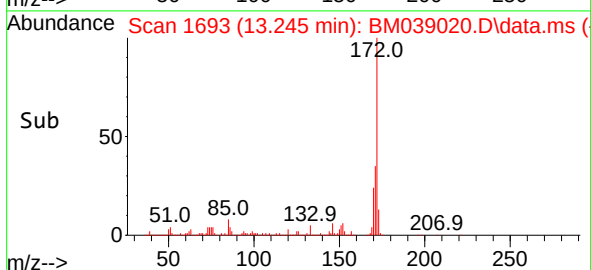
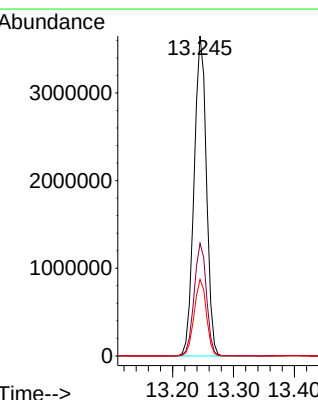
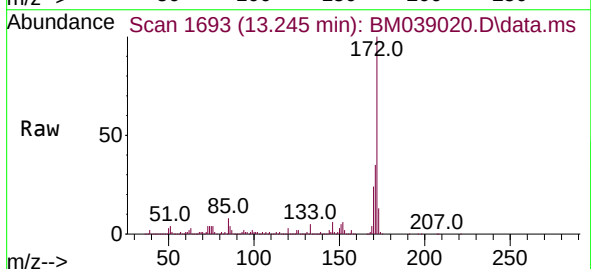
Tgt Ion:172 Resp: 5136683

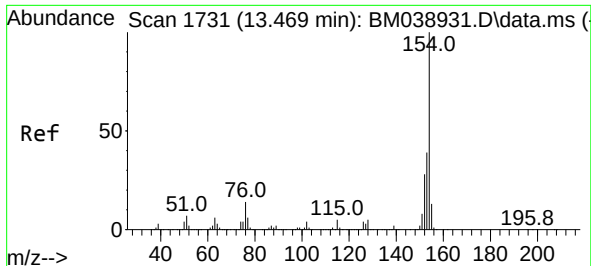
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

170 23.9 19.1 28.7





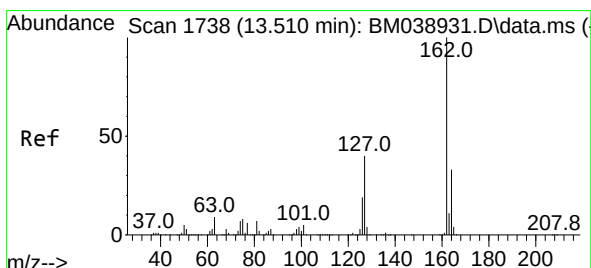
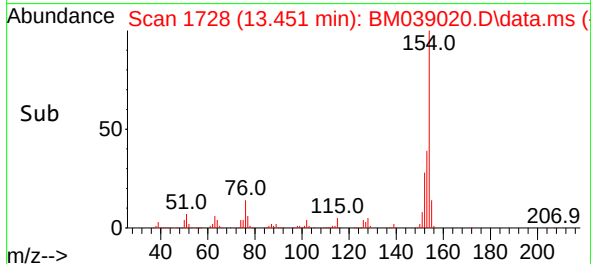
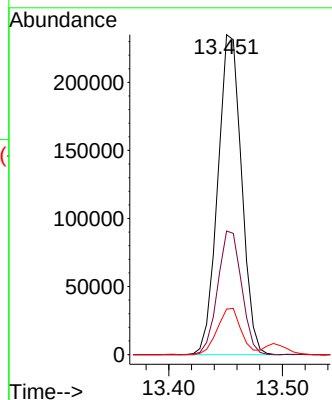
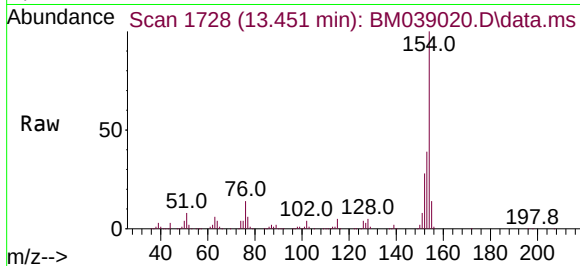
#46
1,1'-Biphenyl
Concen: 4.353 ng
RT: 13.451 min Scan# 1730
Delta R.T. -0.006 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:154 Resp: 341565
Ion Ratio Lower Upper
154 100
153 38.6 19.3 59.3
76 14.2 0.0 34.0

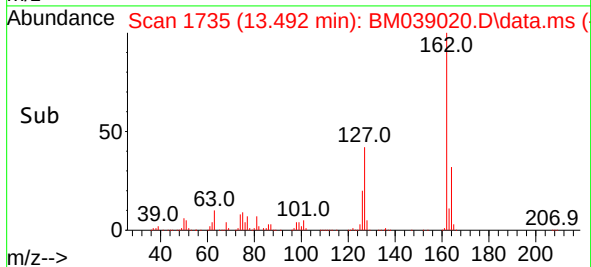
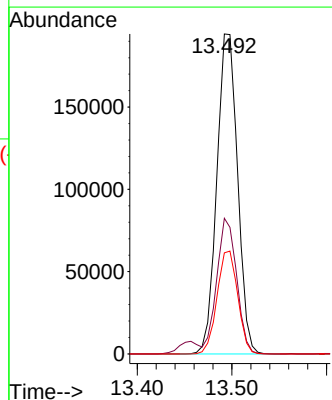
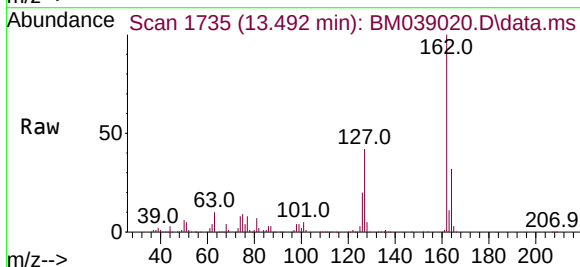
Manual Integrations
APPROVED

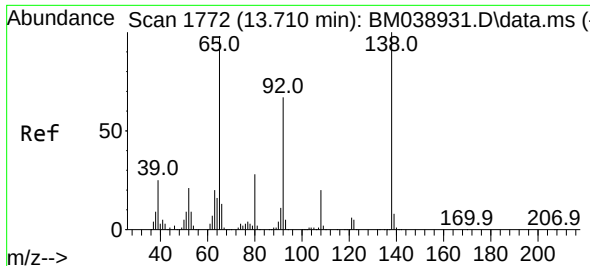
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#47
2-Chloronaphthalene
Concen: 4.996 ng
RT: 13.492 min Scan# 1735
Delta R.T. -0.006 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

Tgt Ion:162 Resp: 295595
Ion Ratio Lower Upper
162 100
127 42.4 32.1 48.1
164 31.6 26.2 39.4





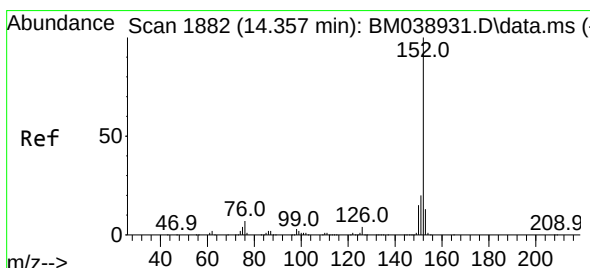
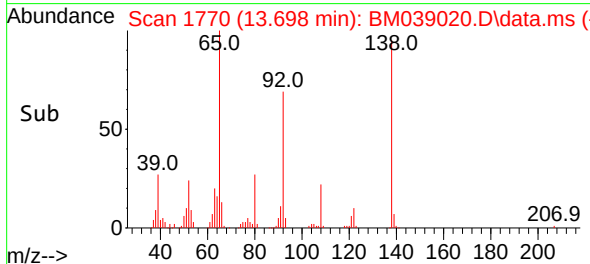
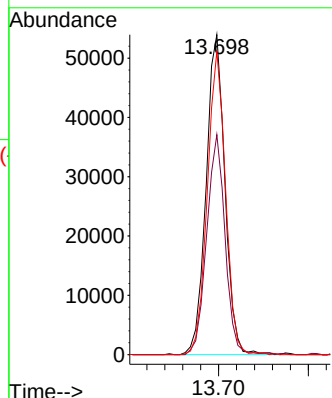
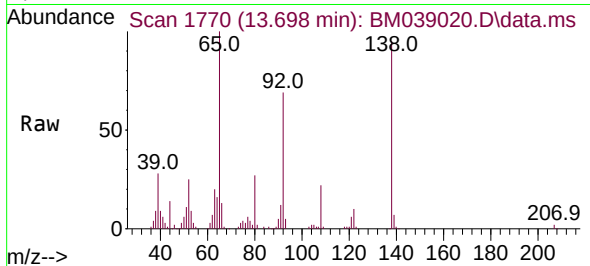
#48
2-Nitroaniline
Concen: 4.626 ng
RT: 13.698 min Scan# 1770
Delta R.T. -0.000 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion: 65 Resp: 78605
Ion Ratio Lower Upper
65 100
92 68.8 54.9 82.3
138 94.9 81.6 122.4

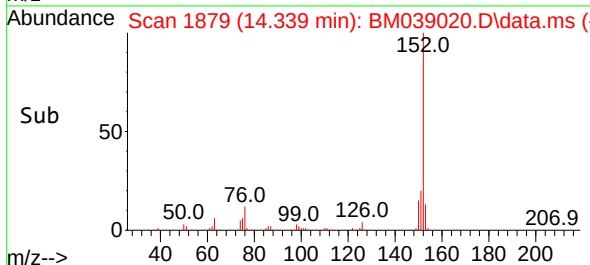
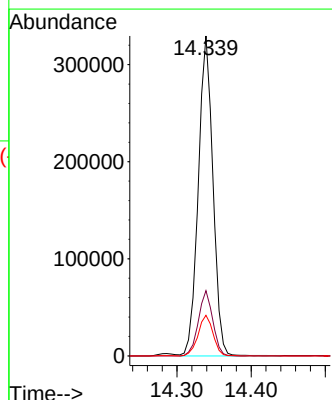
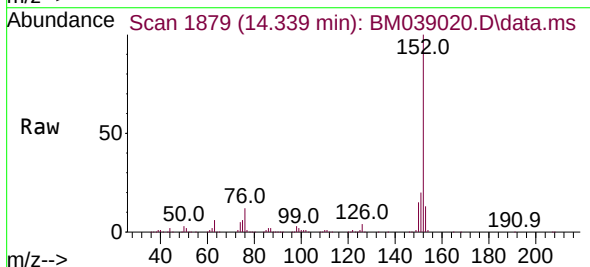
Manual Integrations
APPROVED

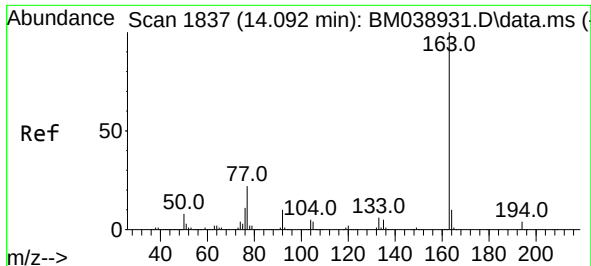
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#49
Acenaphthylene
Concen: 4.806 ng
RT: 14.339 min Scan# 1879
Delta R.T. 0.000 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

Tgt Ion:152 Resp: 452900
Ion Ratio Lower Upper
152 100
151 20.4 15.8 23.8
153 12.7 10.4 15.6





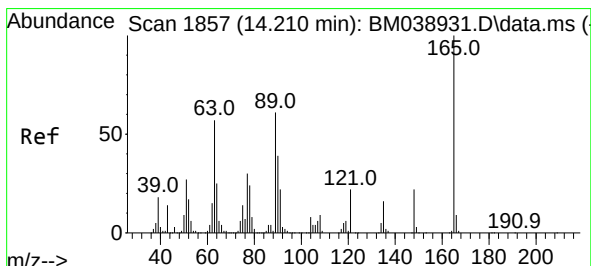
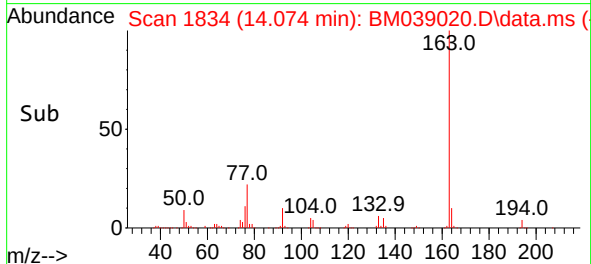
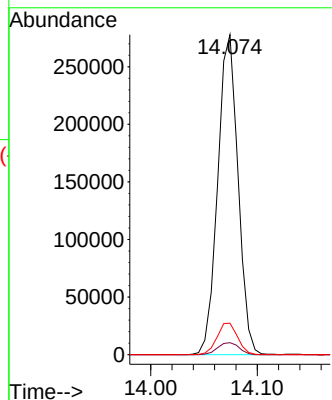
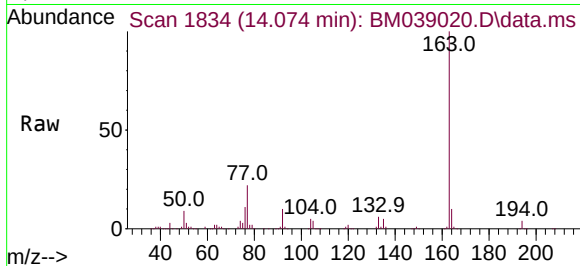
#50
Dimethylphthalate
Concen: 5.179 ng
RT: 14.074 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:163 Resp: 369102
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 9.8 8.1 12.1

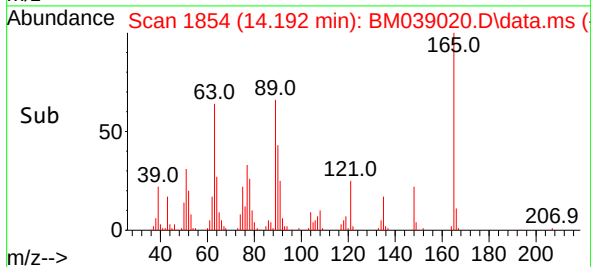
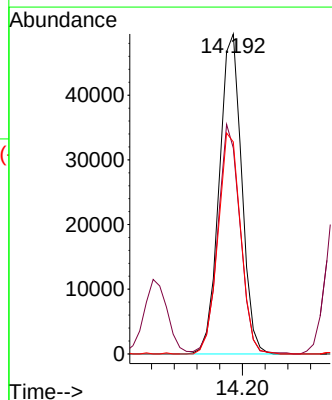
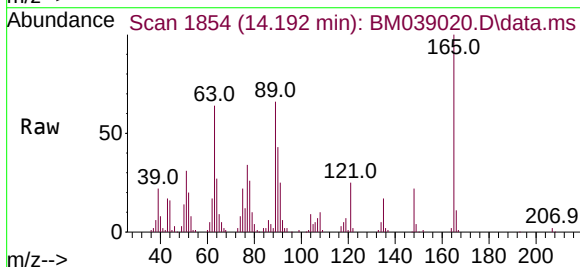
Manual Integrations
APPROVED

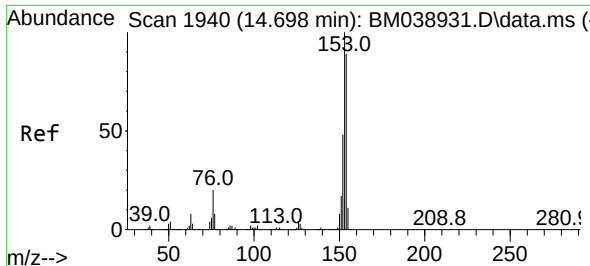
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#51
2,6-Dinitrotoluene
Concen: 4.668 ng
RT: 14.192 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

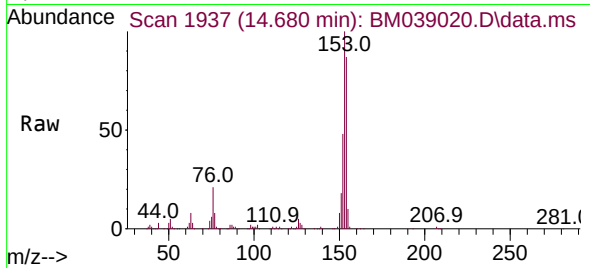
Tgt Ion:165 Resp: 67649
Ion Ratio Lower Upper
165 100
63 64.3 46.6 70.0
89 66.2 48.6 73.0





#52
Acenaphthene
Concen: 4.954 ng
RT: 14.680 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

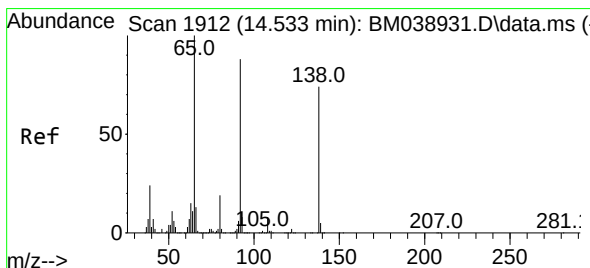
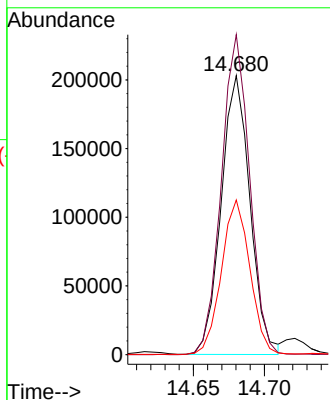
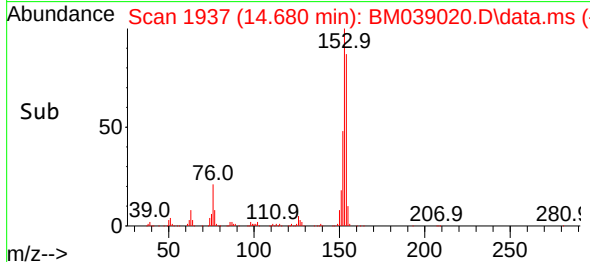
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023



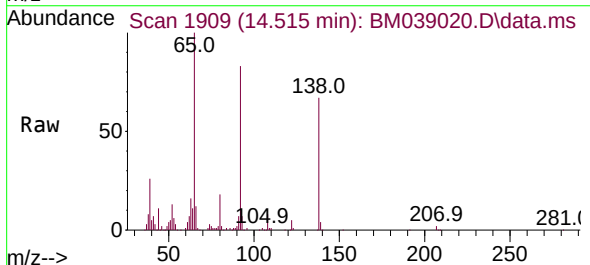
Tgt Ion:154 Resp: 286939
Ion Ratio Lower Upper
154 100
153 114.7 90.2 135.2
152 55.5 43.4 65.2

Manual Integrations
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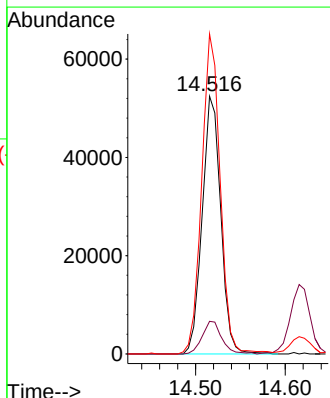
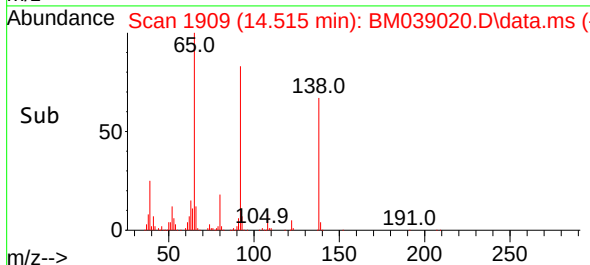
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023

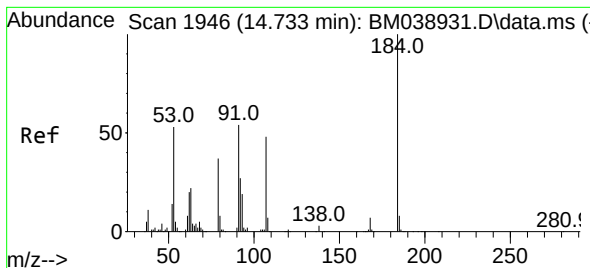


#53
3-Nitroaniline
Concen: 4.494 ng
RT: 14.515 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35



Tgt Ion:138 Resp: 75490
Ion Ratio Lower Upper
138 100
108 12.6 8.3 12.5#
92 124.2 95.8 143.8





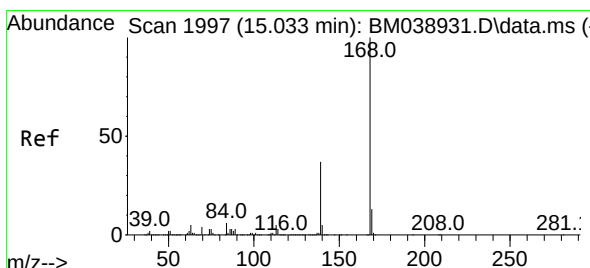
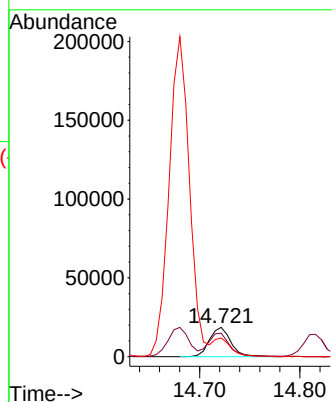
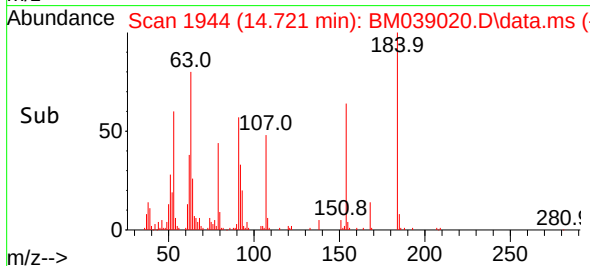
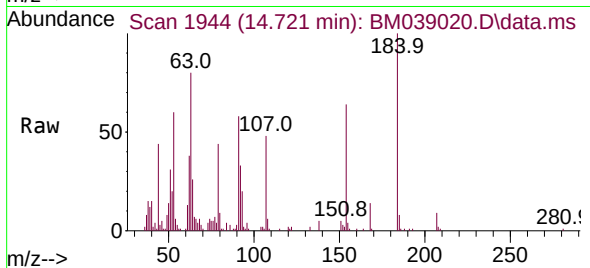
#54
2,4-Dinitrophenol
Concen: 3.473 ng
RT: 14.721 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:184 Resp: 27123
Ion Ratio Lower Upper
184 100
63 80.4 60.6 90.8
154 64.0 51.4 77.2

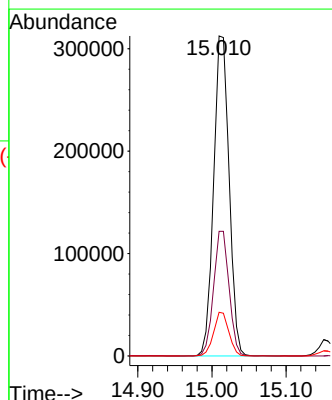
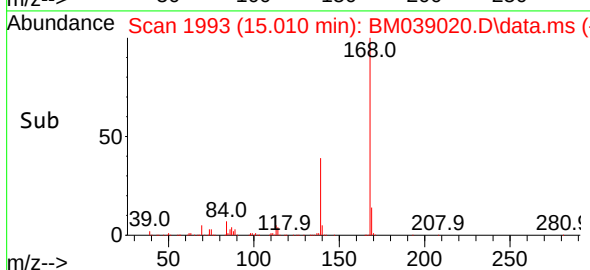
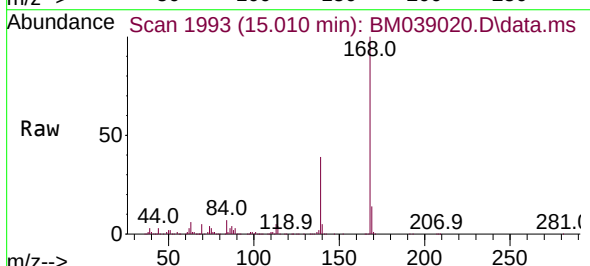
Manual Integrations
APPROVED

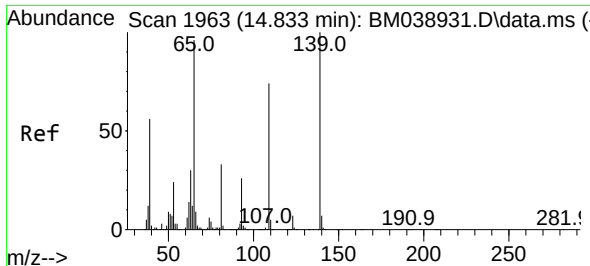
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#55
Dibenzofuran
Concen: 5.013 ng
RT: 15.010 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

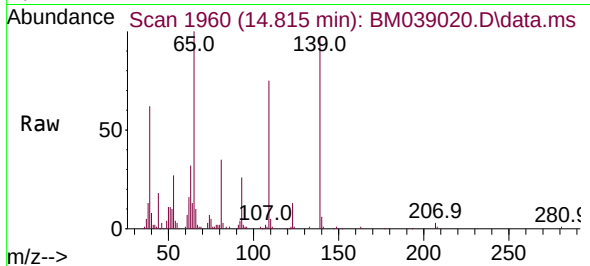
Tgt Ion:168 Resp: 454314
Ion Ratio Lower Upper
168 100
139 38.9 29.9 44.9
169 13.6 10.7 16.1





#56
4-Nitrophenol
Concen: 4.332 ng
RT: 14.815 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

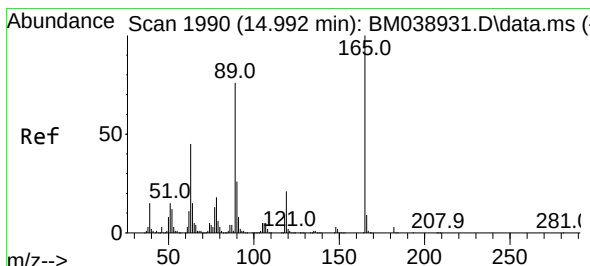
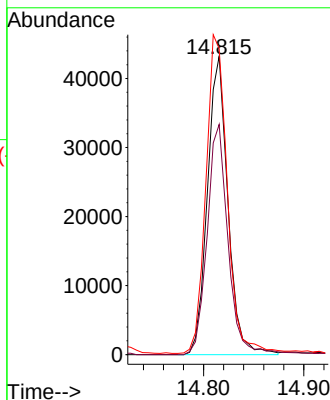
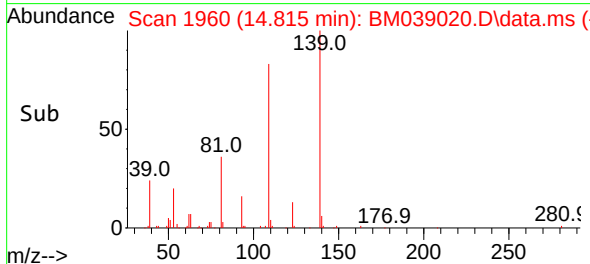
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023



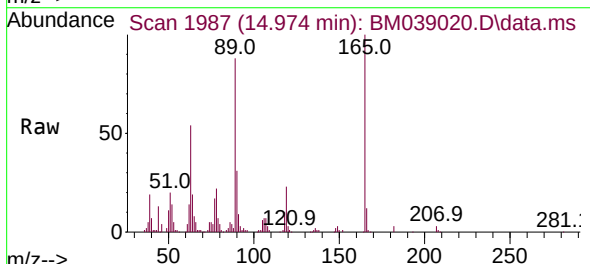
Tgt Ion:139 Resp: 61323
Ion Ratio Lower Upper
139 100
109 77.2 53.5 93.5
65 102.6 76.4 116.4

Manual Integrations
APPROVED

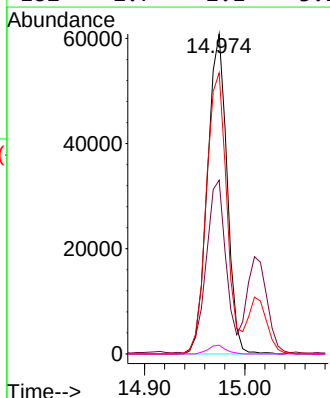
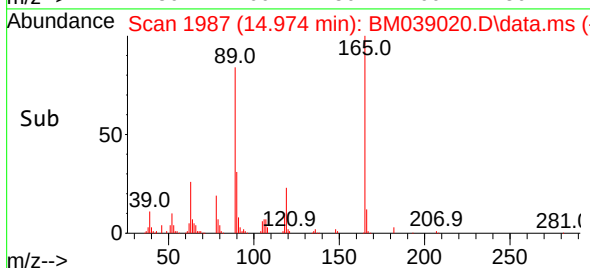
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023

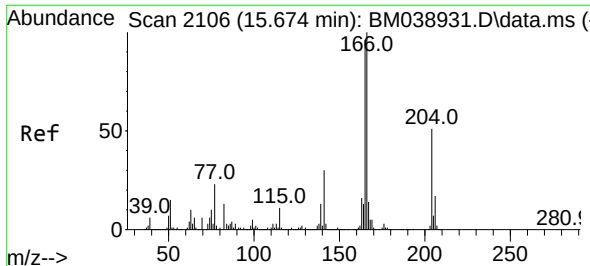


#57
2,4-Dinitrotoluene
Concen: 4.438 ng
RT: 14.974 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35



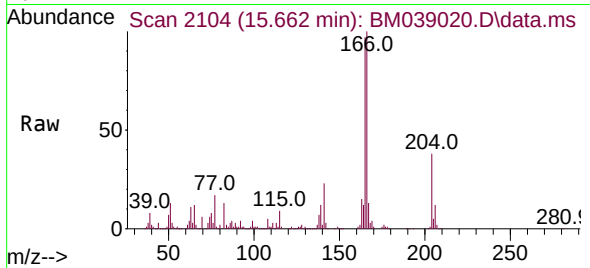
Tgt Ion:165 Resp: 82354
Ion Ratio Lower Upper
165 100
63 54.3 35.9 53.9#
89 87.8 61.0 91.6
182 2.7 2.1 3.1





#58
Fluorene
Concen: 5.097 ng
RT: 15.662 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

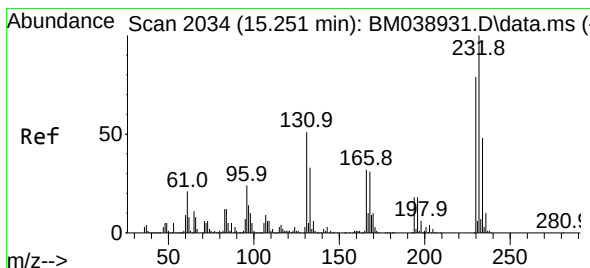
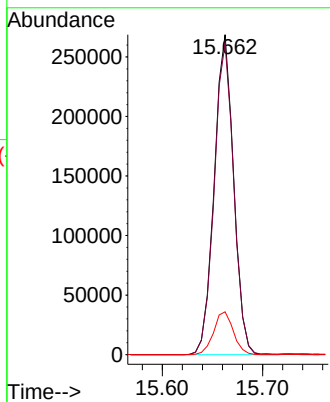
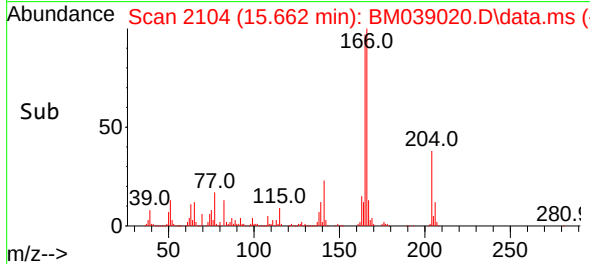
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023



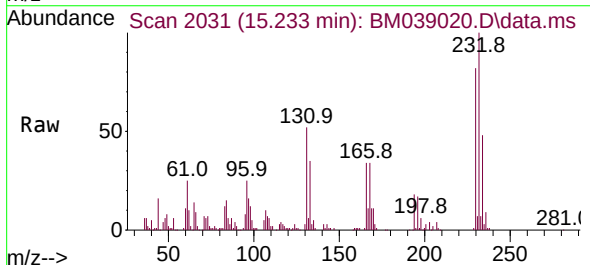
Tgt Ion:166 Resp: 361903
Ion Ratio Lower Upper
166 100
165 97.2 77.1 115.7
167 13.4 10.9 16.3

Manual Integrations
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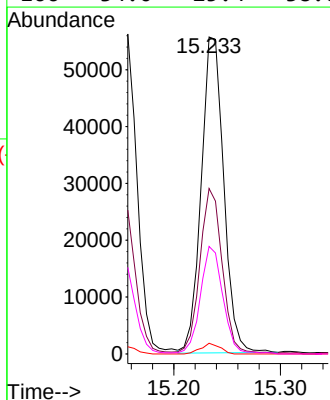
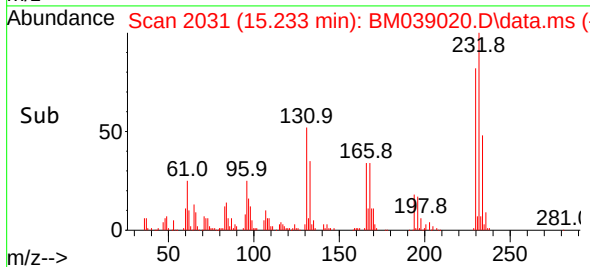
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023

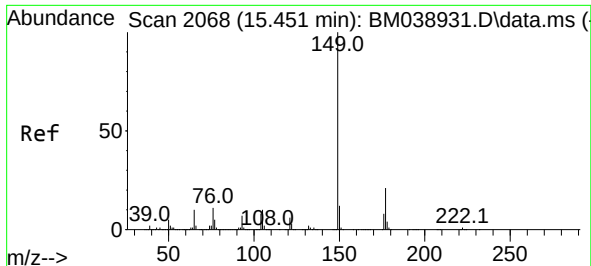


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.640 ng
RT: 15.233 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35



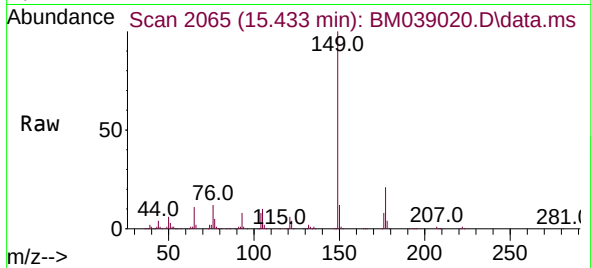
Tgt Ion:232 Resp: 81663
Ion Ratio Lower Upper
232 100
131 51.4 40.0 60.0
130 2.8 2.0 3.0
166 34.0 25.4 38.0





#60
Diethylphthalate
Concen: 5.178 ng
RT: 15.433 min Scan# 2065
Delta R.T. -0.006 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

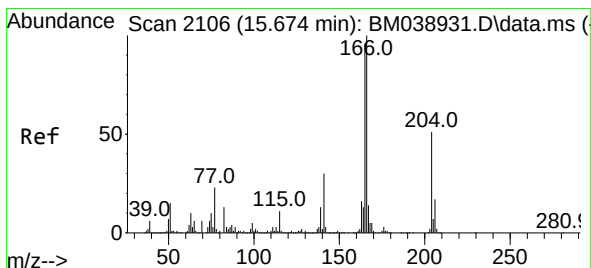
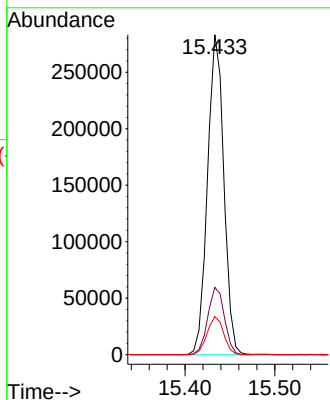
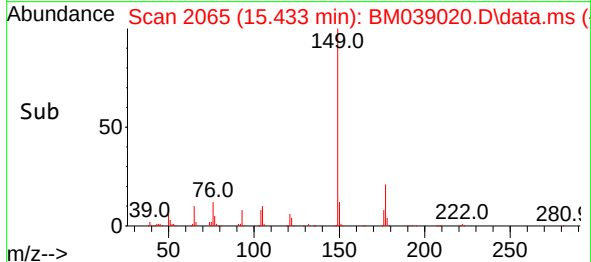
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023



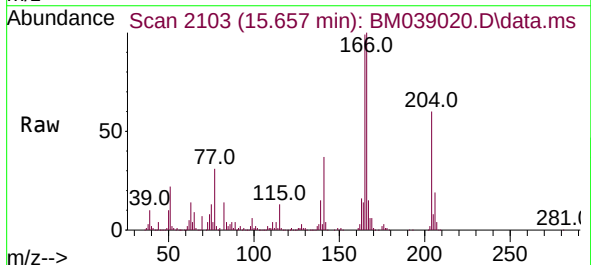
Tgt Ion:149 Resp: 359064
Ion Ratio Lower Upper
149 100
177 21.0 17.1 25.7
150 11.9 9.7 14.5

Manual Integrations
APPROVED

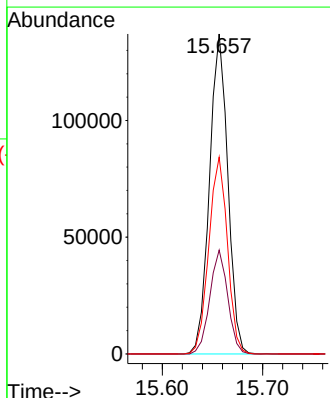
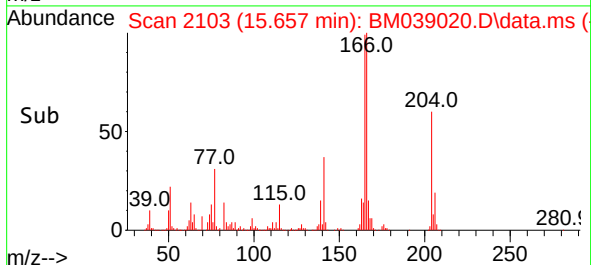
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023

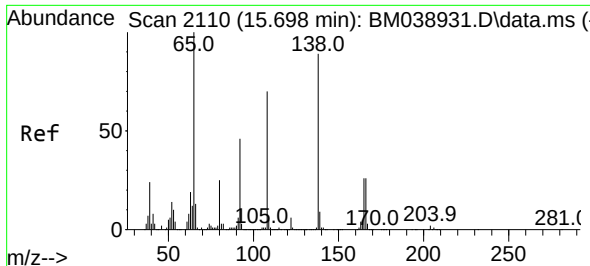


#61
4-Chlorophenyl-phenylether
Concen: 4.985 ng
RT: 15.657 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35



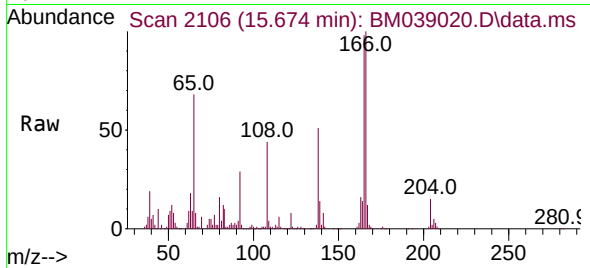
Tgt Ion:204 Resp: 173890
Ion Ratio Lower Upper
204 100
206 32.4 26.4 39.6
141 61.5 46.4 69.6





#62
4-Nitroaniline
Concen: 4.321 ng
RT: 15.674 min Scan# 2110
Delta R.T. -0.012 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

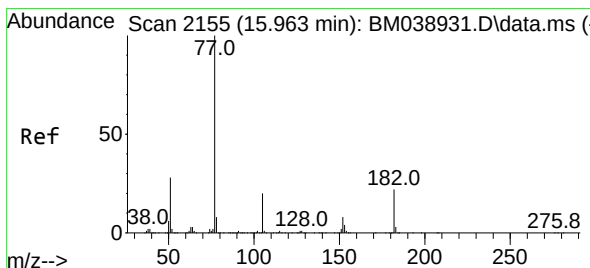
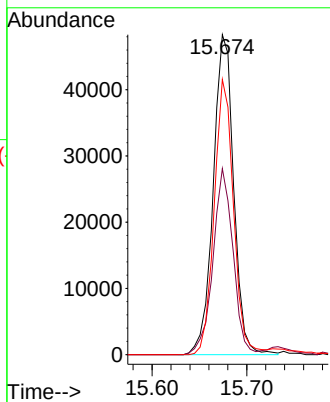
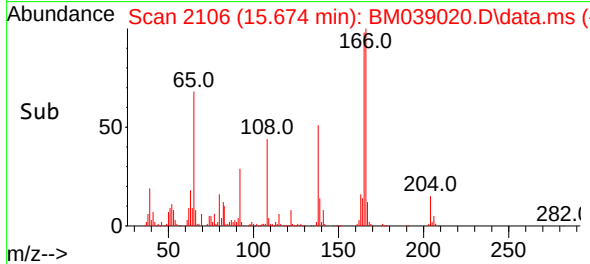
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:138 Resp: 72440
Ion Ratio Lower Upper
138 100
92 58.1 31.6 71.6
108 86.0 58.6 98.6

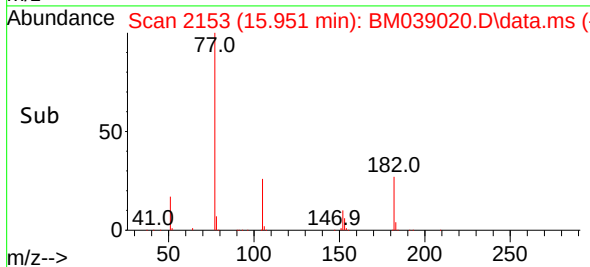
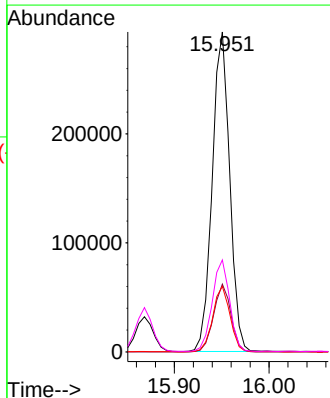
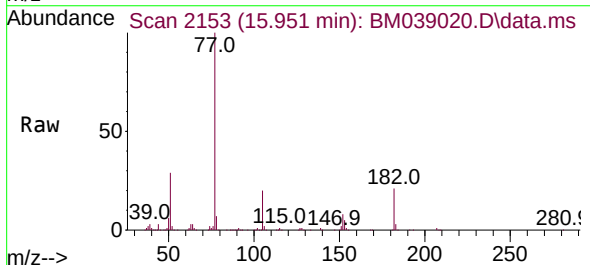
Manual Integrations
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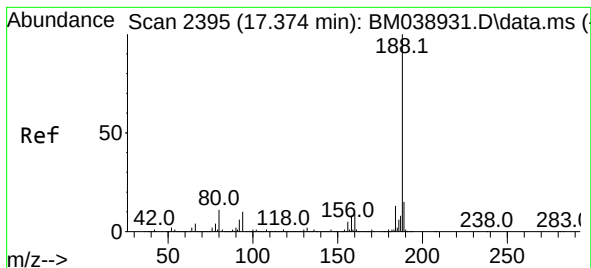
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#63
Azobenzene
Concen: 5.114 ng
RT: 15.951 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

Tgt Ion: 77 Resp: 375259
Ion Ratio Lower Upper
77 100
182 21.2 2.0 42.0
105 20.5 0.4 40.4
51 28.7 8.0 48.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.362 min Scan# 2395

Delta R.T. 0.000 min

Lab File: BM039020.D

Acq: 16 Mar 2023 17:35

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion:188 Resp: 1934936

Ion Ratio Lower Upper

188 100

94 10.3 7.9 11.9

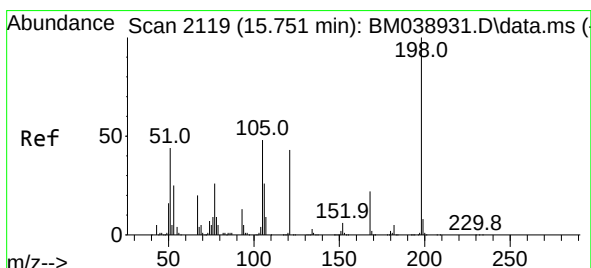
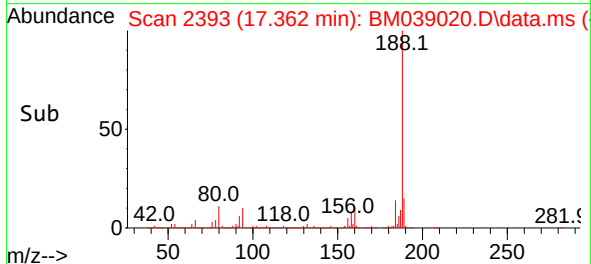
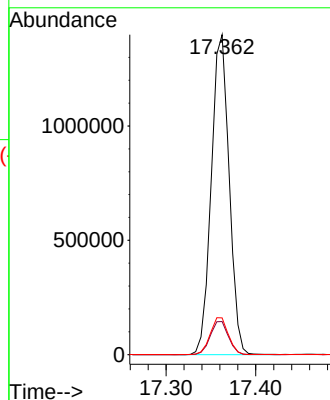
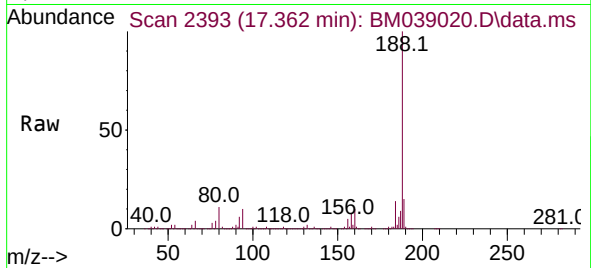
80 11.5 8.5 12.7

Manual Integrations

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Reviewed By :Christian Giraldo 03/17/2023

Supervised By :Jagrut Upadhyay 03/17/2023



#65

4,6-Dinitro-2-methylphenol

Concen: 3.275 ng

RT: 15.733 min Scan# 2116

Delta R.T. -0.006 min

Lab File: BM039020.D

Acq: 16 Mar 2023 17:35

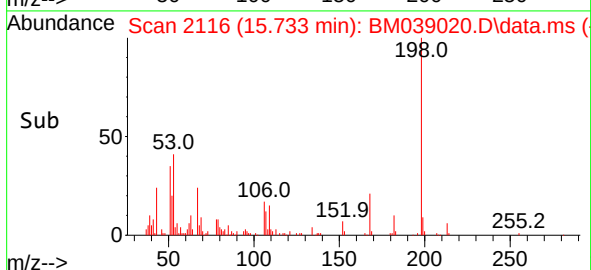
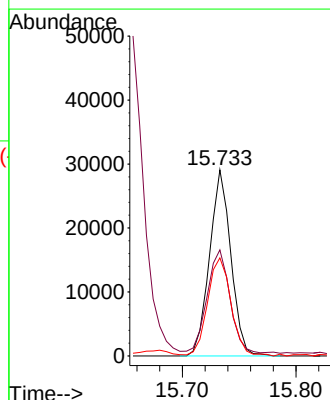
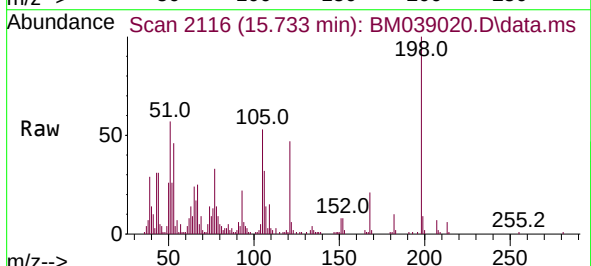
Tgt Ion:198 Resp: 37938

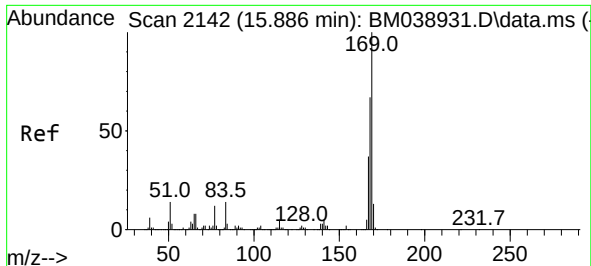
Ion Ratio Lower Upper

198 100

51 57.0 30.1 70.1

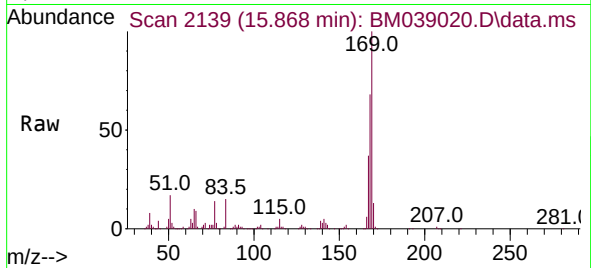
105 52.8 29.3 69.3





#66
n-Nitrosodiphenylamine
Concen: 4.624 ng
RT: 15.868 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

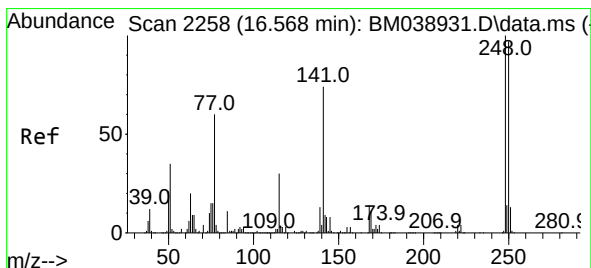
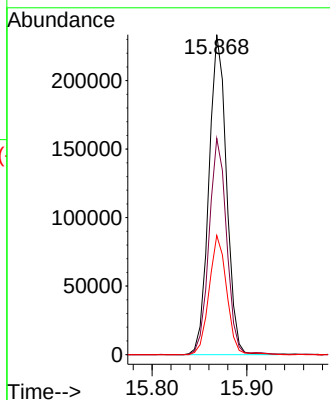
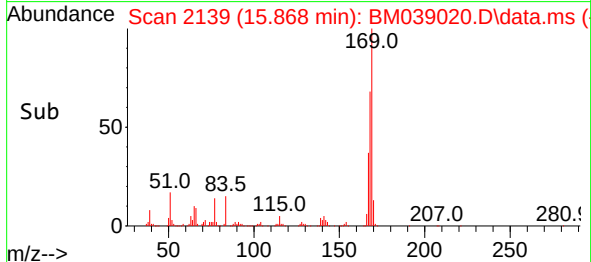
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023



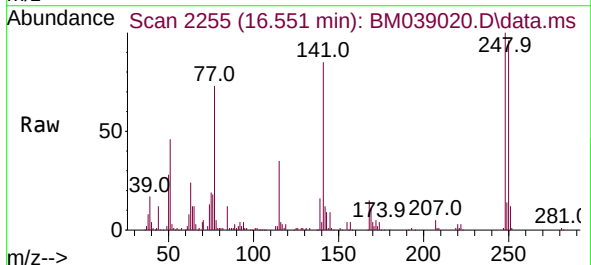
Tgt Ion:169 Resp: 301621
Ion Ratio Lower Upper
169 100
168 67.6 53.4 80.0
167 37.2 29.4 44.0

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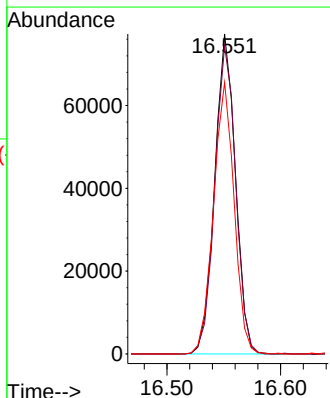
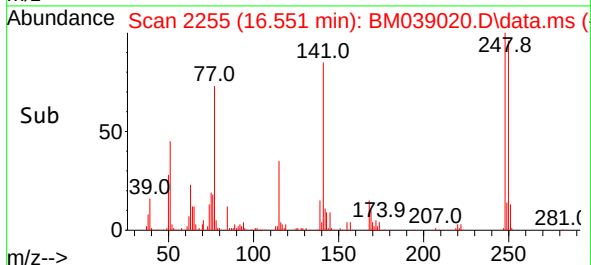
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023

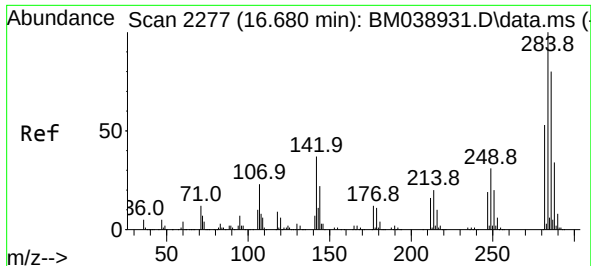


#67
4-Bromophenyl-phenylether
Concen: 4.676 ng
RT: 16.551 min Scan# 2255
Delta R.T. 0.000 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35



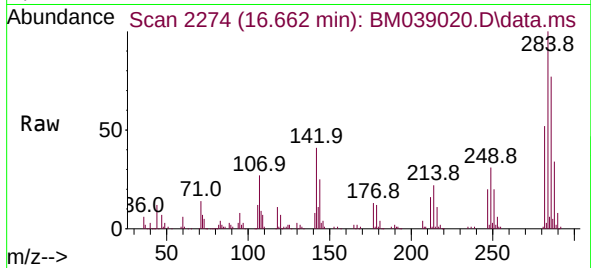
Tgt Ion:248 Resp: 97726
Ion Ratio Lower Upper
248 100
250 96.2 77.8 116.8
141 84.8 59.0 88.4





#68
Hexachlorobenzene
Concen: 4.922 ng
RT: 16.662 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

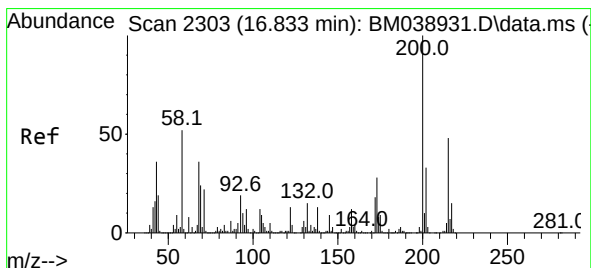
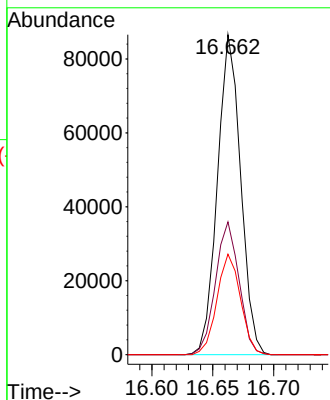
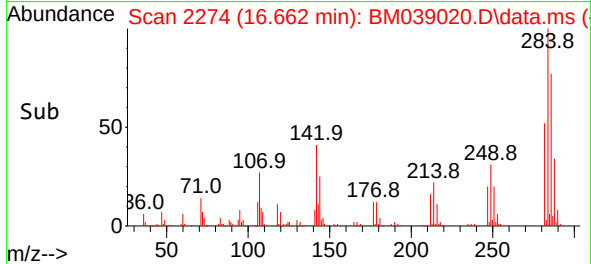
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023



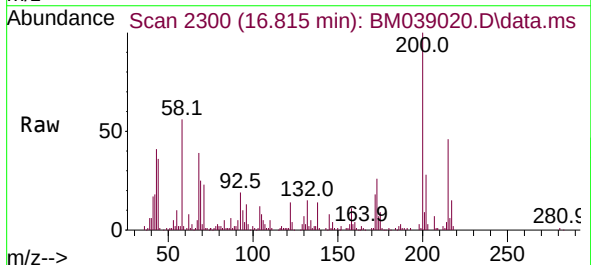
Tgt Ion:284 Resp: 114994
Ion Ratio Lower Upper
284 100
142 41.5 29.5 44.3
249 31.4 25.0 37.4

Manual Integrations
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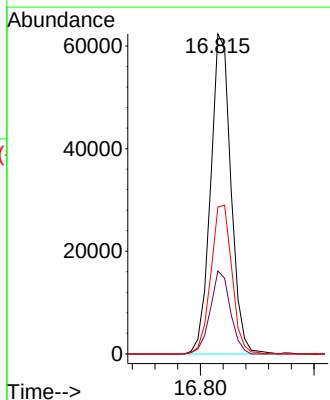
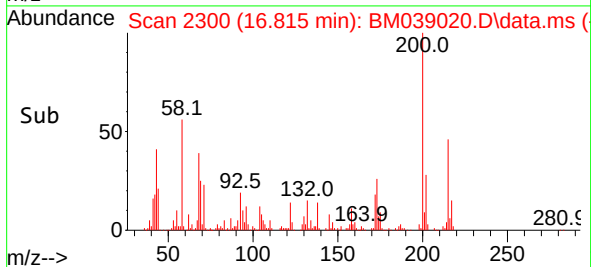
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023

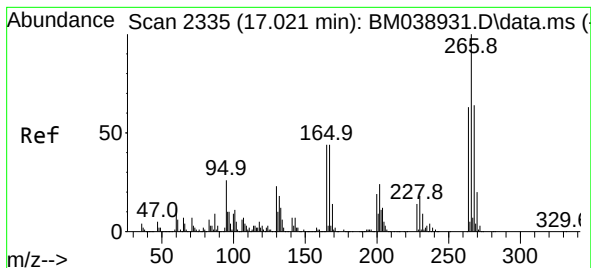


#69
Atrazine
Concen: 4.356 ng
RT: 16.815 min Scan# 2300
Delta R.T. -0.006 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35



Tgt Ion:200 Resp: 77613
Ion Ratio Lower Upper
200 100
173 25.9 8.2 48.2
215 45.9 27.8 67.8





#70

Pentachlorophenol

Concen: 3.548 ng

RT: 17.009 min Scan# 2333

Delta R.T. 0.000 min

Lab File: BM039020.D

Acq: 16 Mar 2023 17:35

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2023

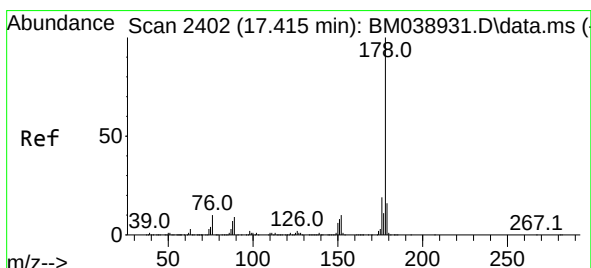
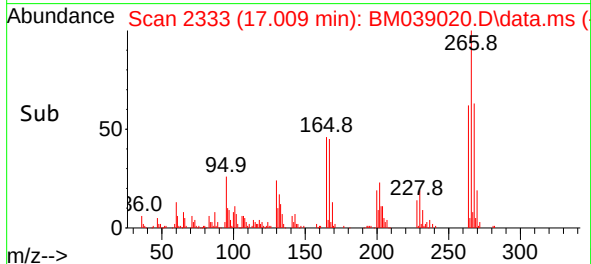
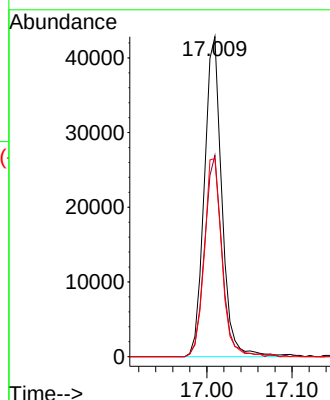
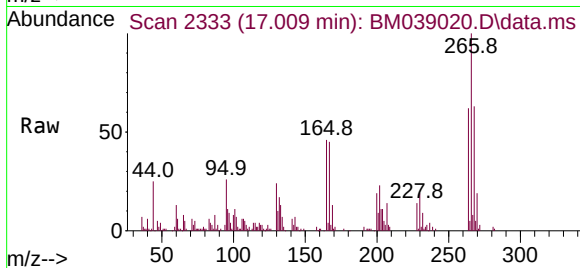
Tgt Ion:	266	Resp:	60966
Ion Ratio	Lower	Upper	
266	100		
268	62.9	51.0	76.4
264	61.9	50.3	75.5

Manual Integrations

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Reviewed By :Christian Giraldo 03/17/2023

Supervised By :Jagrut Upadhyay 03/17/2023



#71

Phenanthrene

Concen: 5.014 ng

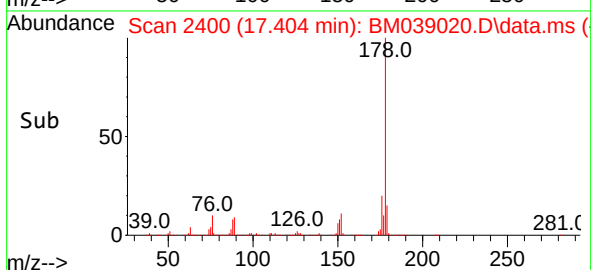
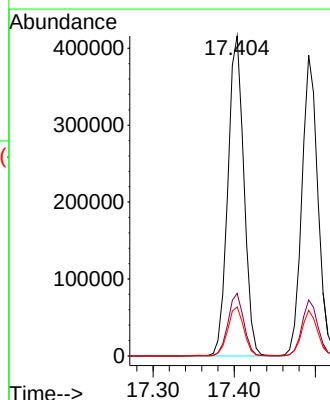
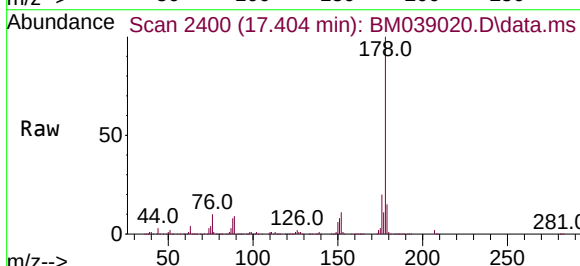
RT: 17.404 min Scan# 2400

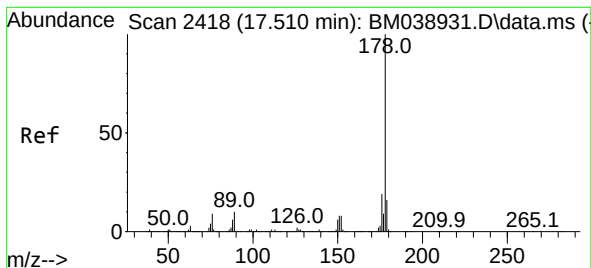
Delta R.T. 0.000 min

Lab File: BM039020.D

Acq: 16 Mar 2023 17:35

Tgt Ion:	178	Resp:	569346
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.6	23.4
179	15.3	12.5	18.7





#72

Anthracene

Concen: 4.797 ng

RT: 17.492 min Scan# 2418

Delta R.T. 0.000 min

Lab File: BM039020.D

Acq: 16 Mar 2023 17:35

Instrument :

BNA_M

ClientSampleId :

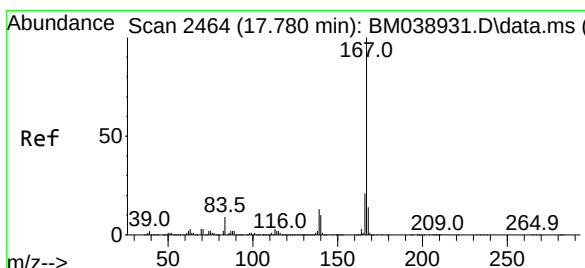
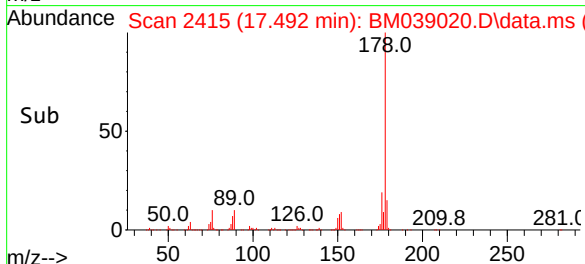
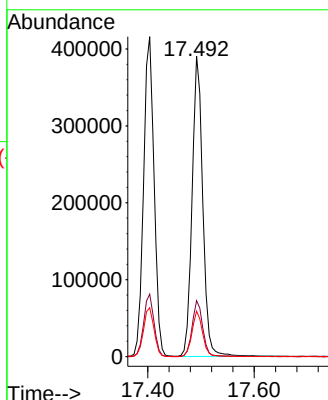
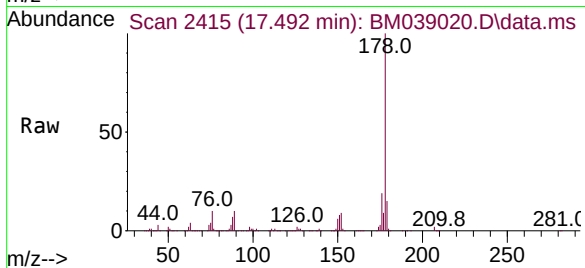
LOQ-WATER-02-QT1-2023

Tgt Ion:178 Resp: 54323
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.3 22.9
 179 15.1 12.5 18.7

Manual Integrations

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Reviewed By :Christian Giraldo 03/17/2023
 Supervised By :Jagrut Upadhyay 03/17/2023



#73

Carbazole

Concen: 4.918 ng

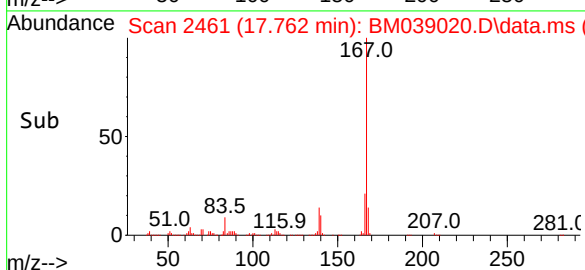
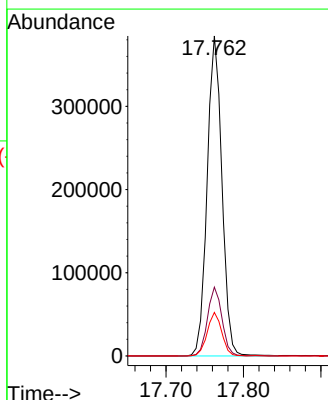
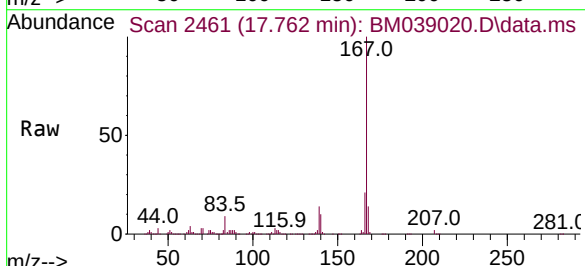
RT: 17.762 min Scan# 2461

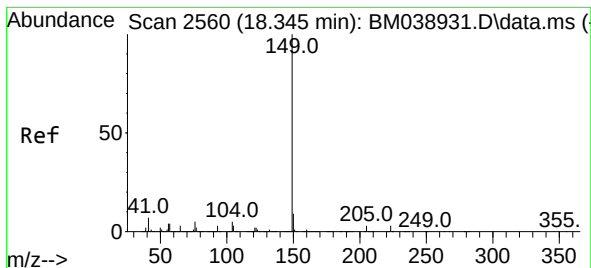
Delta R.T. 0.000 min

Lab File: BM039020.D

Acq: 16 Mar 2023 17:35

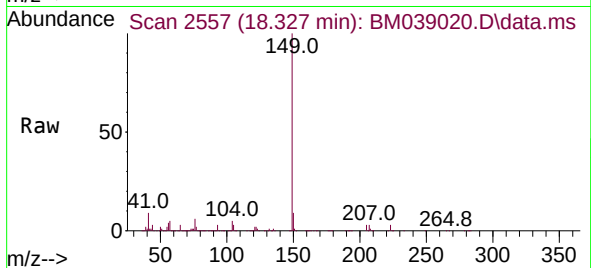
Tgt Ion:167 Resp: 508329
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.4
 139 13.6 10.3 15.5





#74
Di-n-butylphthalate
Concen: 4.901 ng
RT: 18.327 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

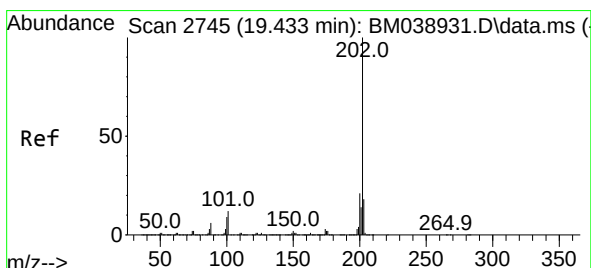
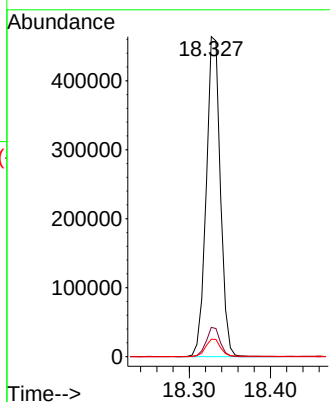
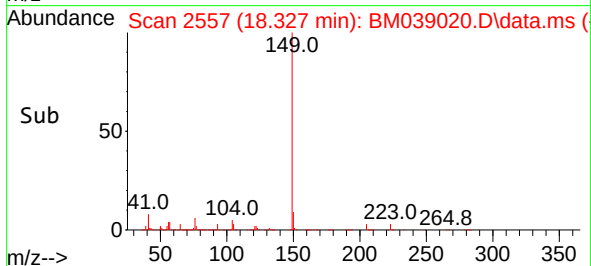
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:149 Resp: 562712
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.2
104 5.4 4.3 6.5

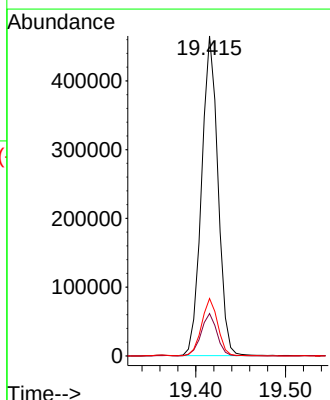
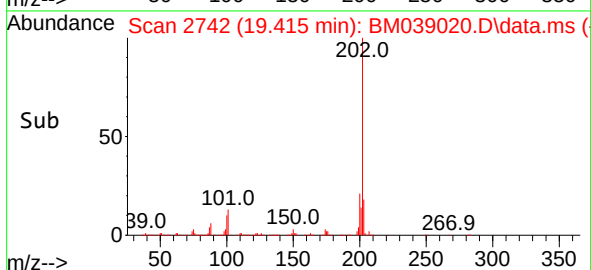
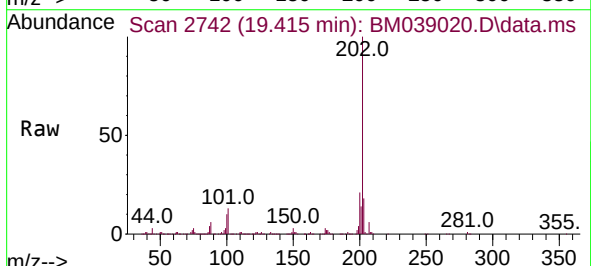
Manual Integrations
APPROVED

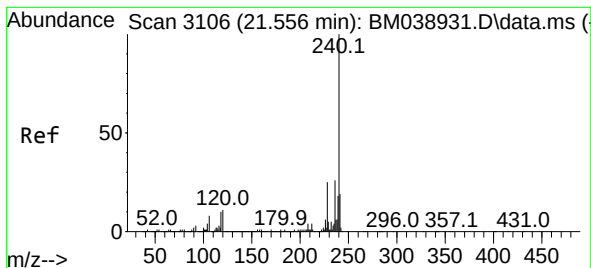
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#75
Fluoranthene
Concen: 4.914 ng
RT: 19.415 min Scan# 2742
Delta R.T. 0.000 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

Tgt Ion:202 Resp: 589268
Ion Ratio Lower Upper
202 100
101 13.2 0.0 31.7
203 17.9 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.539 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BM039020.D

Acq: 16 Mar 2023 17:35

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion:240 Resp: 177479

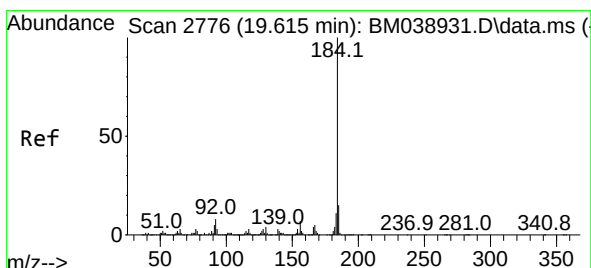
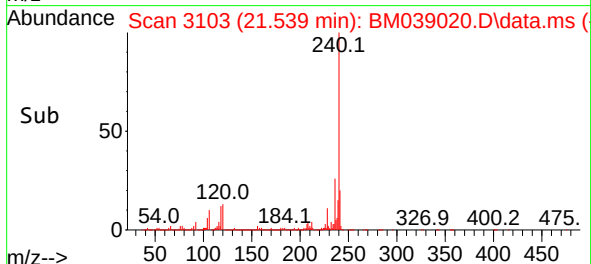
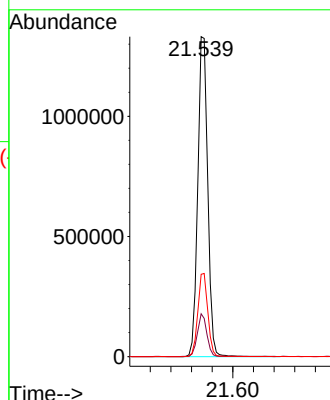
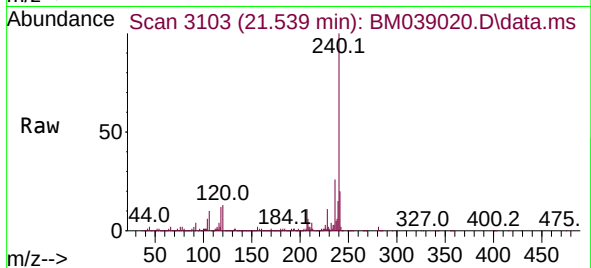
Ion	Ratio	Lower	Upper
240	100		
120	13.4	9.2	13.8
236	25.7	20.8	31.2

Manual Integrations

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Reviewed By :Christian Giraldo 03/17/2023

Supervised By :Jagrut Upadhyay 03/17/2023



#77

Benzidine

Concen: 5.871 ng

RT: 19.603 min Scan# 2774

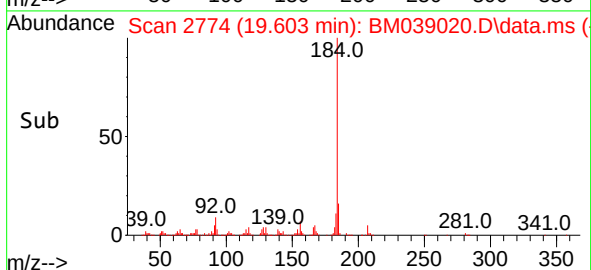
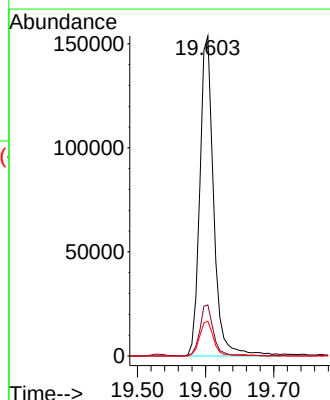
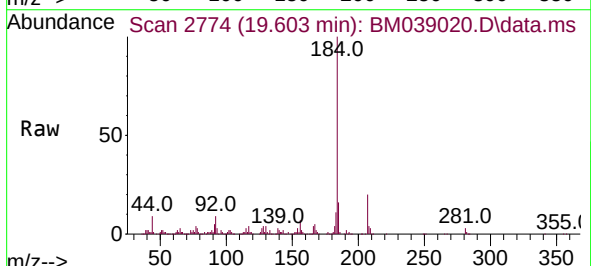
Delta R.T. 0.005 min

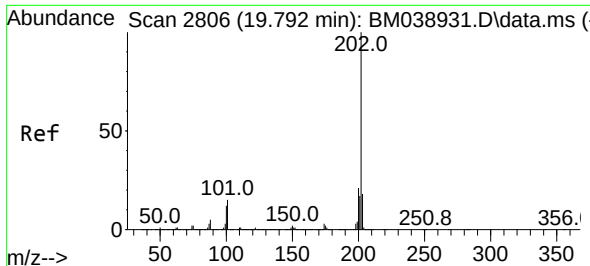
Lab File: BM039020.D

Acq: 16 Mar 2023 17:35

Tgt Ion:184 Resp: 217181

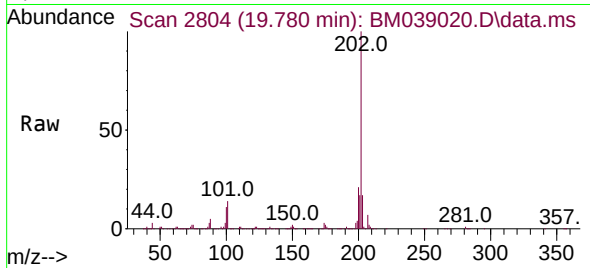
Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.2	18.4
183	10.9	8.8	13.2





#78
 Pyrene
 Concen: 4.797 ng
 RT: 19.780 min Scan# 2804
 Delta R.T. 0.000 min
 Lab File: BM039020.D
 Acq: 16 Mar 2023 17:35

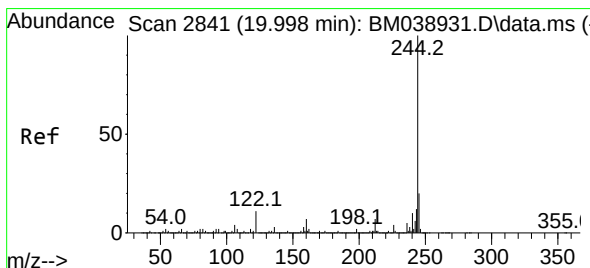
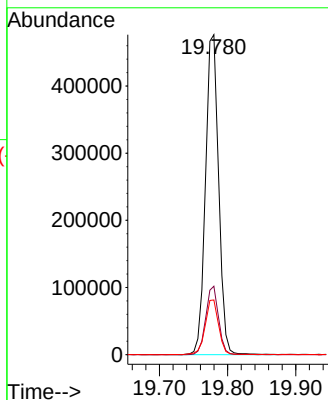
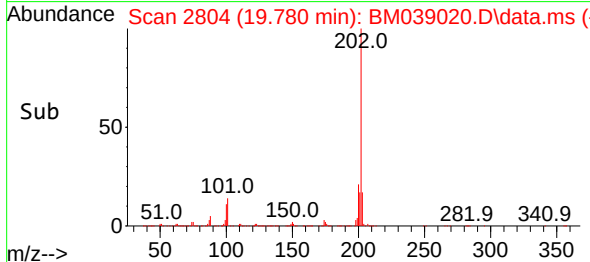
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT1-2023



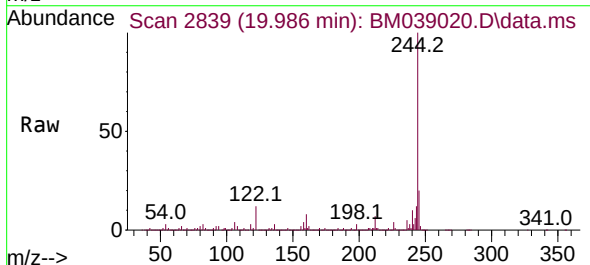
Tgt Ion:202 Resp: 639385
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.1 25.7
 203 17.1 14.1 21.1

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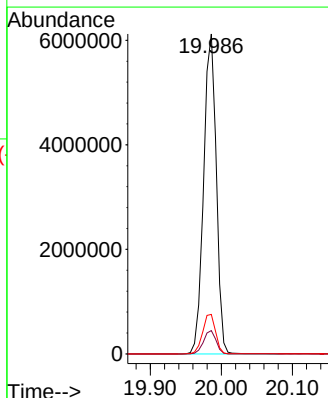
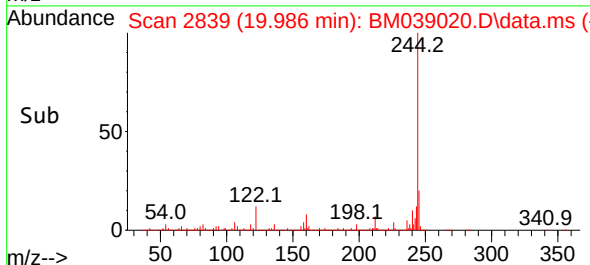
Reviewed By :Christian Giraldo 03/17/2023
 Supervised By :Jagrut Upadhyay 03/17/2023

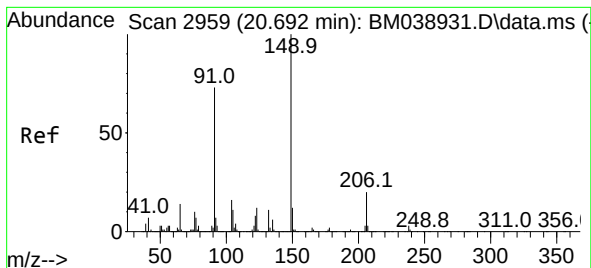


#79
 Terphenyl-d14
 Concen: 77.427 ng
 RT: 19.986 min Scan# 2839
 Delta R.T. 0.006 min
 Lab File: BM039020.D
 Acq: 16 Mar 2023 17:35



Tgt Ion:244 Resp: 7515988
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 12.3 9.0 13.4





#80

Butylbenzylphthalate

Concen: 4.555 ng

RT: 20.674 min Scan# 2956

Delta R.T. -0.000 min

Lab File: BM039020.D

Acq: 16 Mar 2023 17:35

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2023

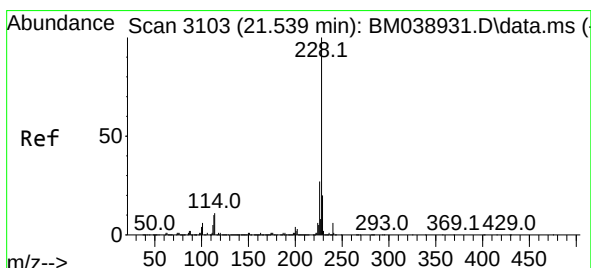
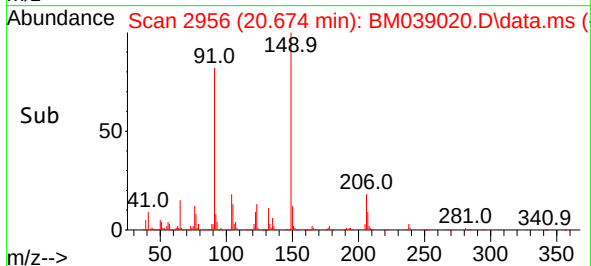
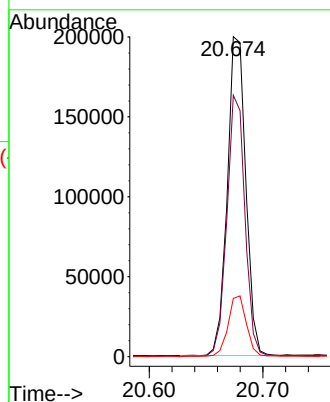
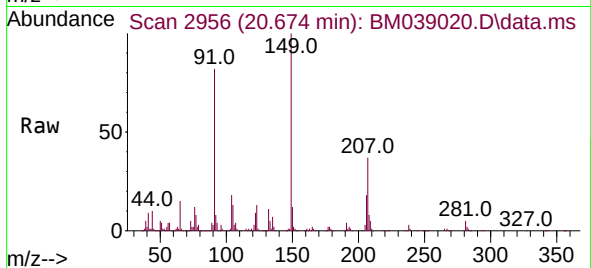
Tgt Ion:	149	Resp:	225505
Ion Ratio	Lower	Upper	
149	100		
91	81.7	58.4	87.6
206	18.2	16.1	24.1

Manual Integrations

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Reviewed By :Christian Giraldo 03/17/2023

Supervised By :Jagrut Upadhyay 03/17/2023



#81

Benzo(a)anthracene

Concen: 4.913 ng

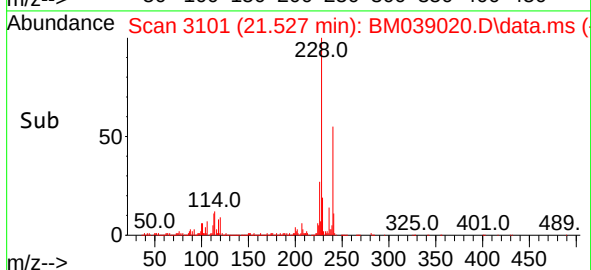
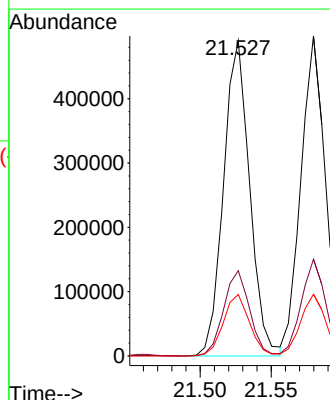
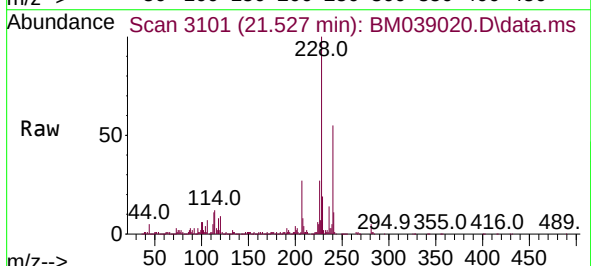
RT: 21.527 min Scan# 3101

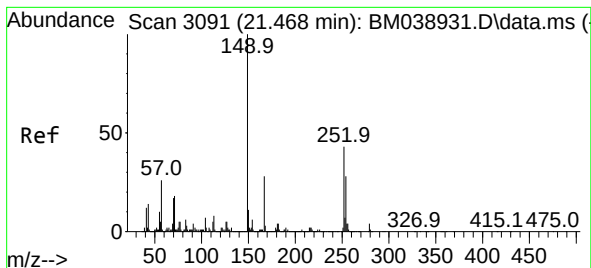
Delta R.T. 0.000 min

Lab File: BM039020.D

Acq: 16 Mar 2023 17:35

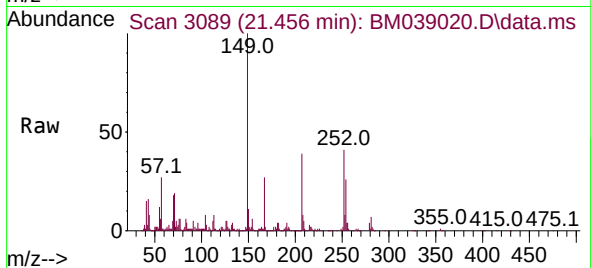
Tgt Ion:	228	Resp:	627953
Ion Ratio	Lower	Upper	
228	100		
226	27.0	21.4	32.2
229	19.5	15.7	23.5





#82
3,3'-Dichlorobenzidine
Concen: 4.214 ng
RT: 21.456 min Scan# 3091
Delta R.T. 0.000 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

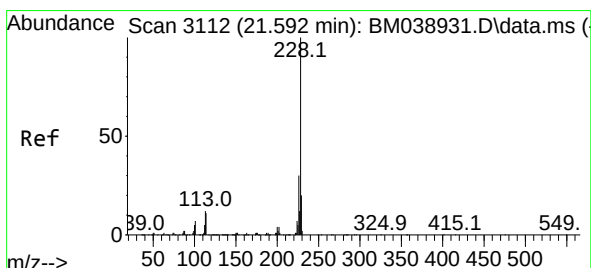
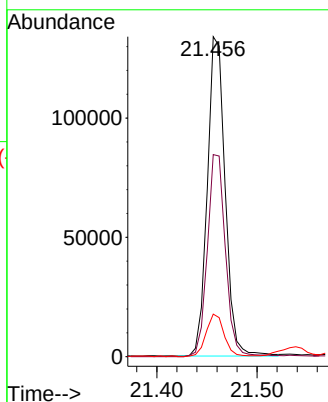
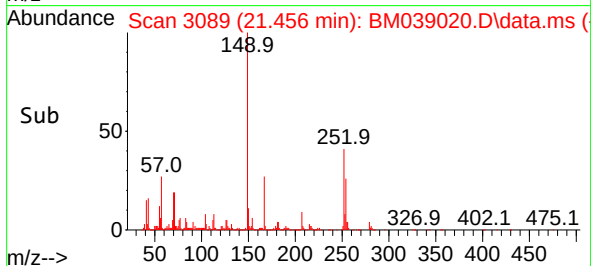
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:252 Resp: 165525
Ion Ratio Lower Upper
252 100
254 63.1 51.5 77.3
126 13.3 9.9 14.9

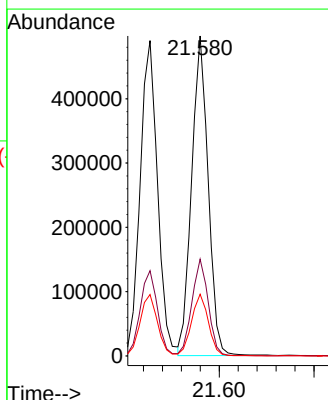
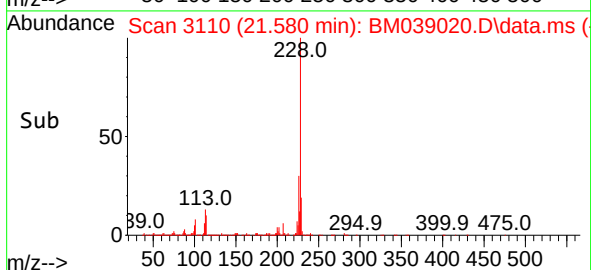
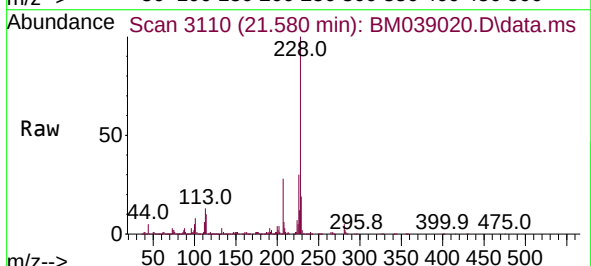
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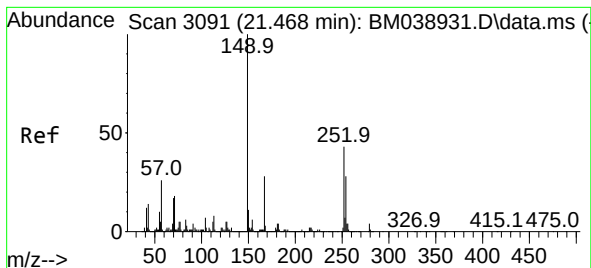
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023



#83
Chrysene
Concen: 4.835 ng
RT: 21.580 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

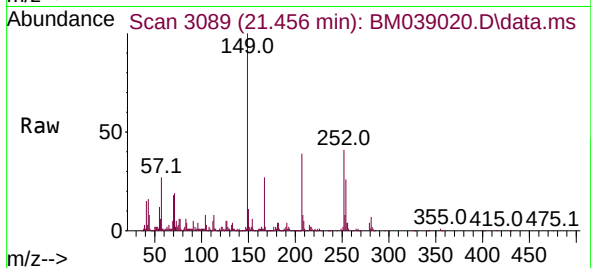
Tgt Ion:228 Resp: 601018
Ion Ratio Lower Upper
228 100
226 30.2 24.0 36.0
229 19.3 16.0 24.0





#84
Bis(2-ethylhexyl)phthalate
Concen: 4.694 ng
RT: 21.456 min Scan# 3091
Delta R.T. 0.006 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

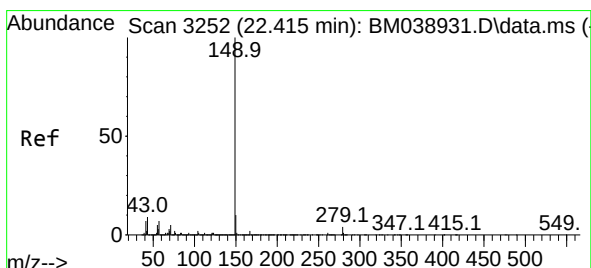
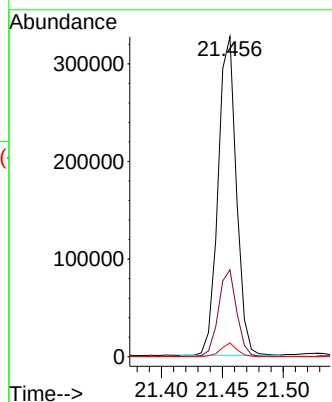
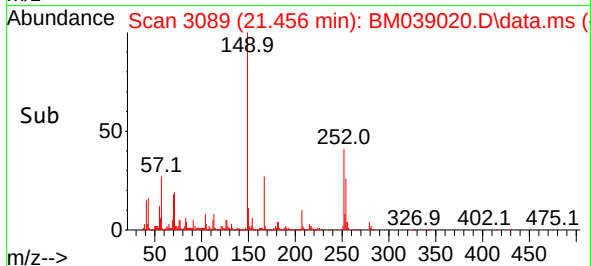
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023



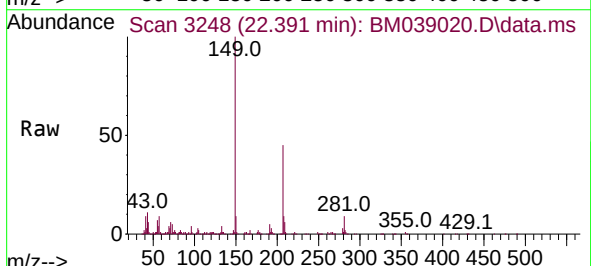
Tgt Ion:149 Resp: 341086
Ion Ratio Lower Upper
149 100
167 27.1 22.3 33.5
279 4.3 3.2 4.8

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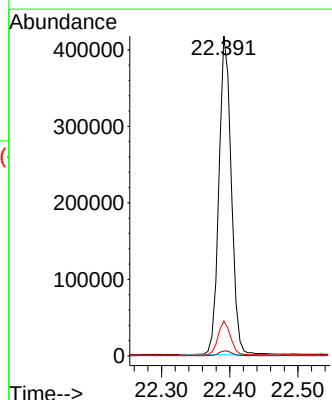
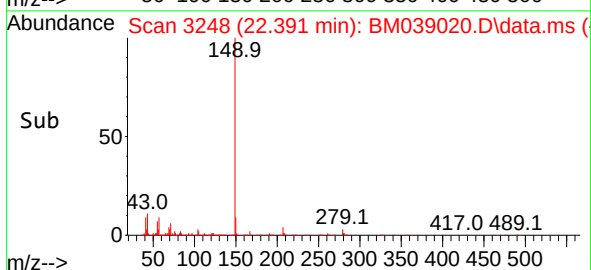
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023

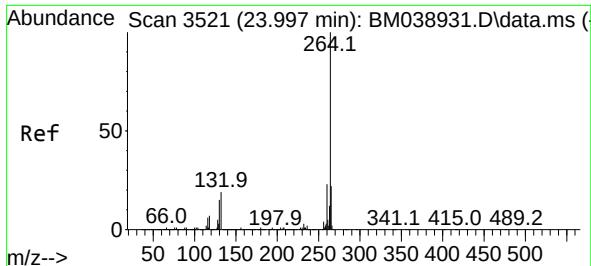


#85
Di-n-octyl phthalate
Concen: 4.152 ng
RT: 22.391 min Scan# 3248
Delta R.T. 0.000 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35



Tgt Ion:149 Resp: 520934
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.9 7.4 11.2





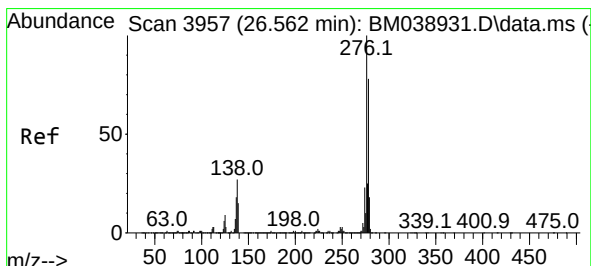
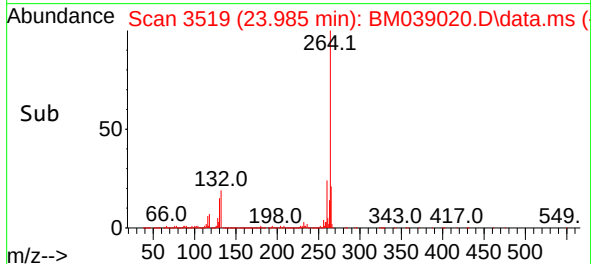
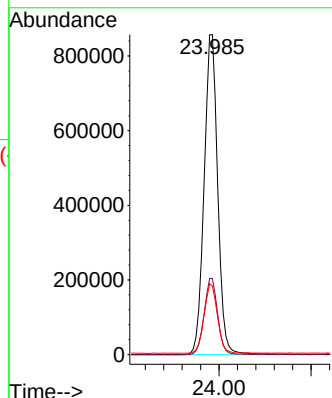
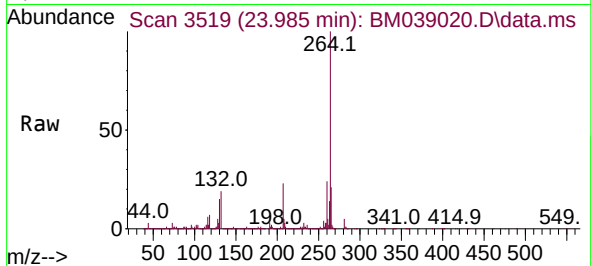
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.985 min Scan# 3519
 Delta R.T. 0.006 min
 Lab File: BM039020.D
 Acq: 16 Mar 2023 17:35

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT1-2023

Tgt Ion:264 Resp: 1746508
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.7 28.1
 265 21.5 17.9 26.9

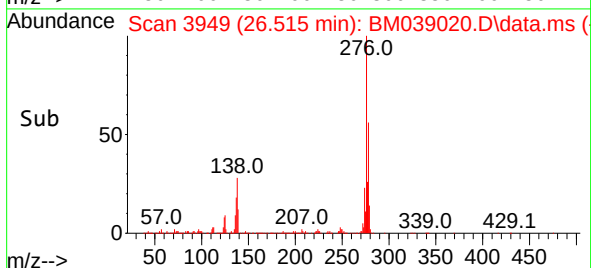
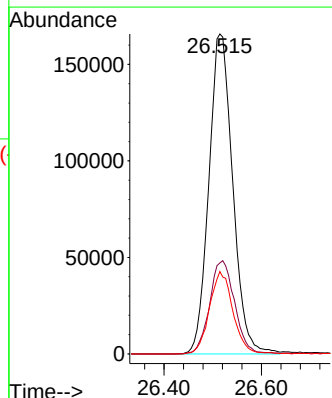
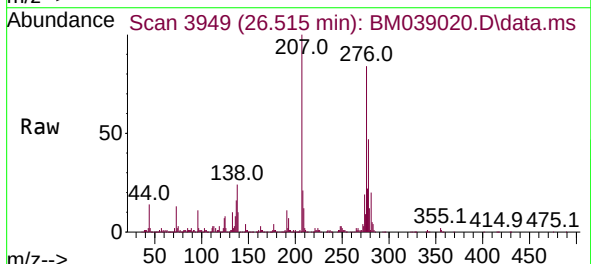
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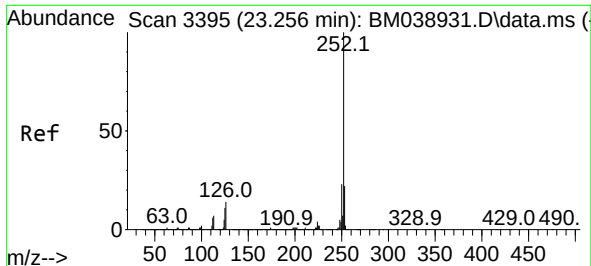
Reviewed By :Christian Giraldo 03/17/2023
 Supervised By :Jagrut Upadhyay 03/17/2023



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.250 ng
 RT: 26.515 min Scan# 3949
 Delta R.T. -0.006 min
 Lab File: BM039020.D
 Acq: 16 Mar 2023 17:35

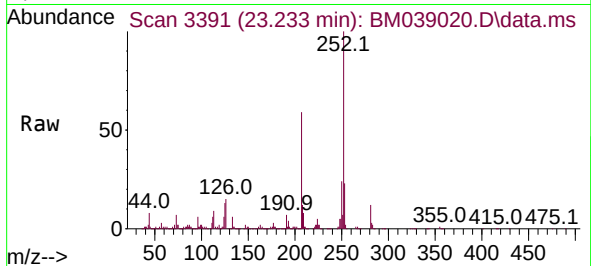
Tgt Ion:276 Resp: 564761
 Ion Ratio Lower Upper
 276 100
 138 30.5 22.1 33.1
 277 25.3 20.1 30.1





#88
Benzo(b)fluoranthene
Concen: 5.242 ng
RT: 23.233 min Scan# 3395
Delta R.T. -0.006 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35

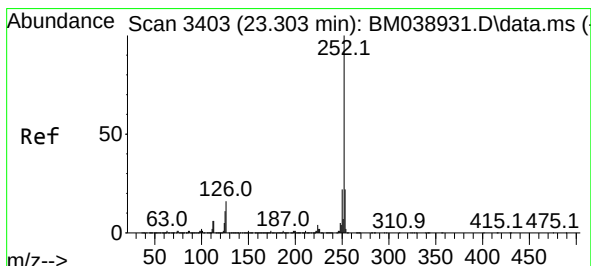
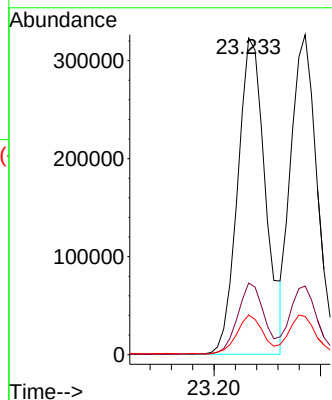
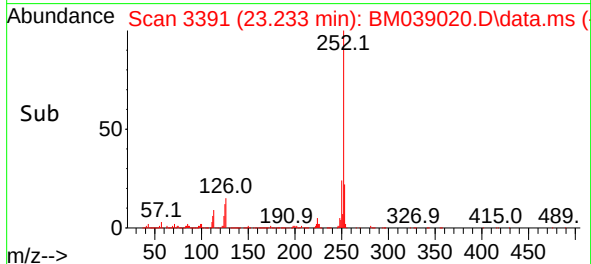
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2023



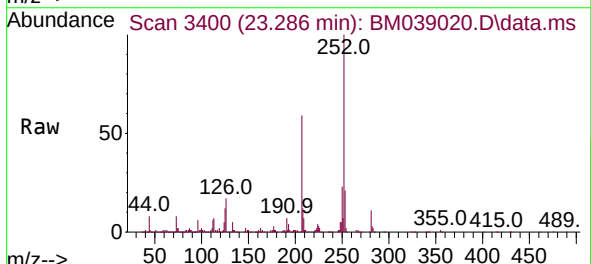
Tgt Ion:252 Resp: 584893
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 12.5 8.8 13.2

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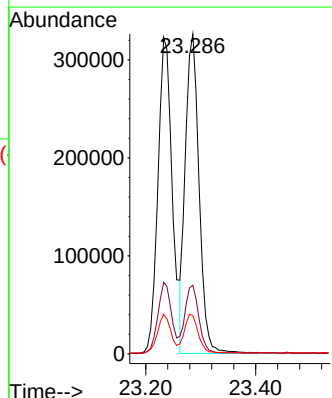
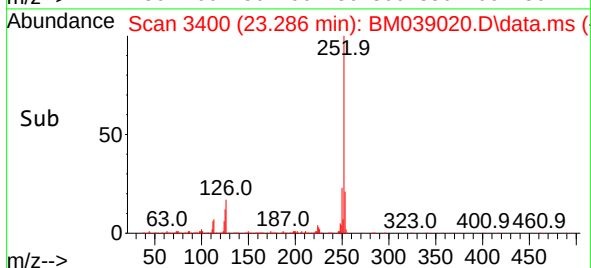
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023

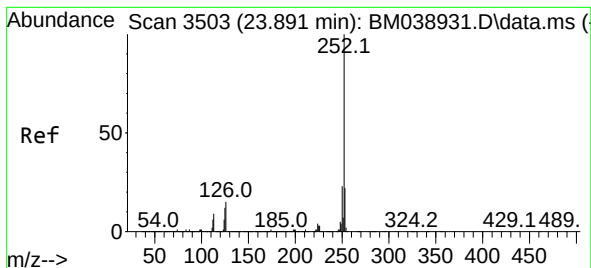


#89
Benzo(k)fluoranthene
Concen: 4.869 ng
RT: 23.286 min Scan# 3400
Delta R.T. 0.000 min
Lab File: BM039020.D
Acq: 16 Mar 2023 17:35



Tgt Ion:252 Resp: 565340
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 11.9 8.9 13.3





#90

Benzo(a)pyrene

Concen: 4.317 ng

RT: 23.868 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM039020.D

Acq: 16 Mar 2023 17:35

Instrument :

BNA_M

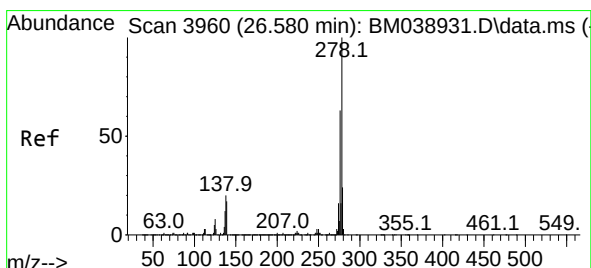
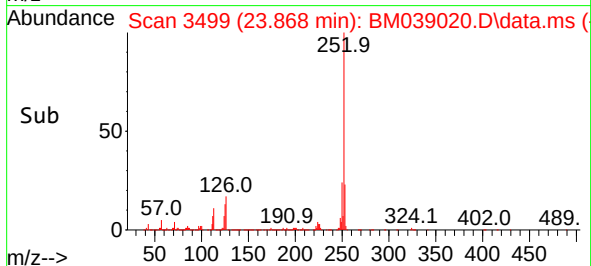
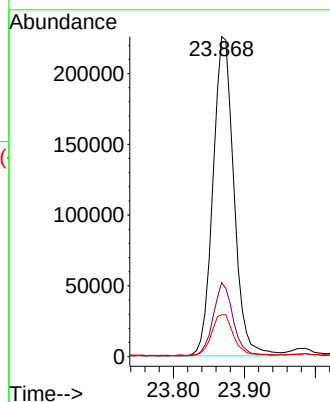
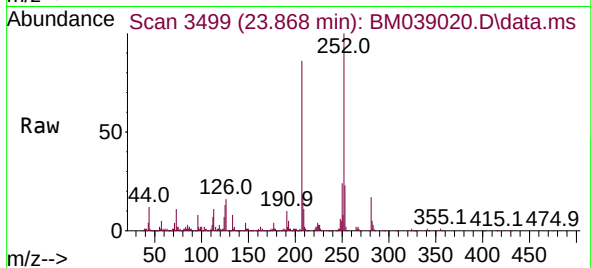
ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion:252 Resp: 46355
 Ion Ratio Lower Upper
 252 100
 253 23.1 17.6 26.4
 125 13.1 9.8 14.8

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Reviewed By :Christian Giraldo 03/17/2023
 Supervised By :Jagrut Upadhyay 03/17/2023



#91

Dibenzo(a,h)anthracene

Concen: 4.288 ng

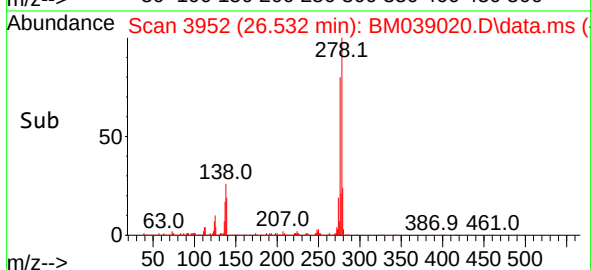
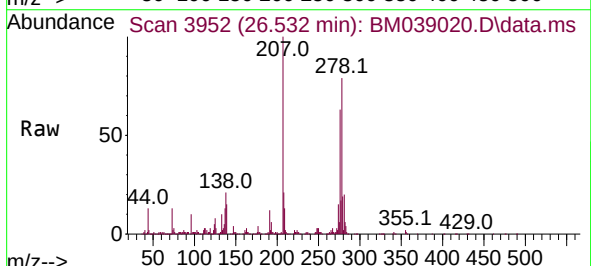
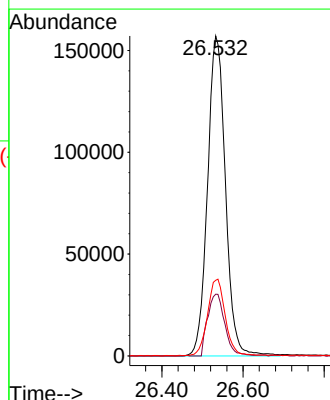
RT: 26.532 min Scan# 3952

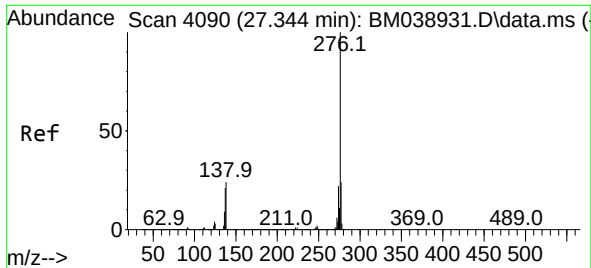
Delta R.T. -0.006 min

Lab File: BM039020.D

Acq: 16 Mar 2023 17:35

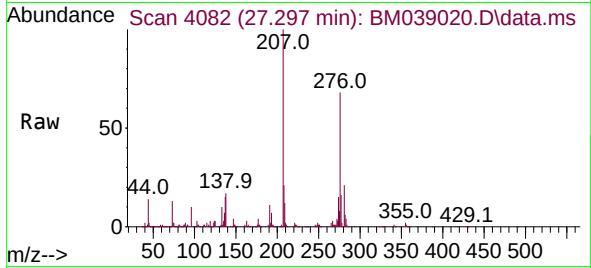
Tgt Ion:278 Resp: 482559
 Ion Ratio Lower Upper
 278 100
 139 19.3 13.7 20.5
 279 23.6 18.9 28.3





#92
 Benzo(g,h,i)perylene
 Concen: 4.105 ng
 RT: 27.297 min Scan# 40
 Delta R.T. -0.006 min
 Lab File: BM039020.D
 Acq: 16 Mar 2023 17:35

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT1-2023



Tgt Ion:	276	Resp:	45205
Ion Ratio	Lower	Upper	
276	100		
277	23.5	19.3	28.9
138	25.5	19.0	28.6

Manual Integrations
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Reviewed By :Christian Giraldo 03/17/2023
 Supervised By :Jagrut Upadhyay 03/17/2023

