

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012323\
 Data File : BM038510.D
 Acq On : 23 Jan 2023 15:32
 Operator : CG/JU
 Sample : N4955-08
 Misc : LOQ-WATER 5ppm
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT4-2022

Quant Time: Jan 24 05:55:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 21 01:21:49 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 01/24/2023
 Supervised By : Jagrut Upadhyay 01/24/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	71014	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	234781	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	149236	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	341460	20.000	ng	# 0.00
76) Chrysene-d12	21.515	240	384208	20.000	ng	0.00
86) Perylene-d12	23.933	264	474538	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	464643	108.164	ng	0.00
7) Phenol-d6	7.128	99	591770	107.971	ng	0.00
23) Nitrobenzene-d5	9.139	82	379398	70.173	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	267527	124.487	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	875231	72.243	ng	0.00
79) Terphenyl-d14	19.956	244	1380137	70.030	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	8596	4.266	ng	97
3) Pyridine	3.804	79	19713m	3.725	ng	
4) n-Nitrosodimethylamine	3.704	42	12809	5.099	ng	# 96
6) Aniline	7.292	93	33562	4.933	ng	97
8) 2-Chlorophenol	7.522	128	24277	5.532	ng	91
9) Benzaldehyde	7.110	77	20444m	6.289	ng	
10) Phenol	7.151	94	30647	5.596	ng	88
11) bis(2-Chloroethyl)ether	7.387	93	23243	5.379	ng	96
12) 1,3-Dichlorobenzene	7.851	146	27633	5.539	ng	98
13) 1,4-Dichlorobenzene	7.998	146	28074	5.569	ng	99
14) 1,2-Dichlorobenzene	8.316	146	27496	5.631	ng	98
15) Benzyl Alcohol	8.216	79	20425	4.984	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.492	45	24449	5.388	ng	98
17) 2-Methylphenol	8.410	107	17923	4.624	ng	93
18) Hexachloroethane	9.039	117	9884	5.274	ng	89
19) n-Nitroso-di-n-propyla...	8.775	70	17914	4.634	ng	99
20) 3+4-Methylphenols	8.739	107	23852	4.591	ng	95
22) Acetophenone	8.798	105	29867	4.618	ng	# 93
24) Nitrobenzene	9.181	77	31953	5.841	ng	97
25) Isophorone	9.704	82	46401	5.201	ng	98
26) 2-Nitrophenol	9.892	139	10201	4.698	ng	90
27) 2,4-Dimethylphenol	9.951	122	13091	3.622	ng	96
28) bis(2-Chloroethoxy)met...	10.186	93	27437	5.257	ng	99
29) 2,4-Dichlorophenol	10.428	162	21140	4.986	ng	99
30) 1,2,4-Trichlorobenzene	10.633	180	26432	5.452	ng	95
31) Naphthalene	10.827	128	67001	5.253	ng	99
32) Benzoic acid	10.022	122	7125m	7.814	ng	
33) 4-Chloroaniline	10.945	127	25792	4.845	ng	97
34) Hexachlorobutadiene	11.098	225	18330	5.747	ng	99
35) Caprolactam	11.727	113	3549	3.453	ng	# 86
36) 4-Chloro-3-methylphenol	12.063	107	19276	5.000	ng	93
37) 2-Methylnaphthalene	12.433	142	44573	4.863	ng	94
38) 1-Methylnaphthalene	12.651	142	42254	4.888	ng	98
40) 1,2,4,5-Tetrachloroben...	12.798	216	26285	4.682	ng	97
41) Hexachlorocyclopentadiene	12.769	237	13261	4.298	ng	94
43) 2,4,6-Trichlorophenol	13.039	196	18689	5.201	ng	96

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Instrument :
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 ClientSampleId :
 LOQ-WATER-02-QT4-2022

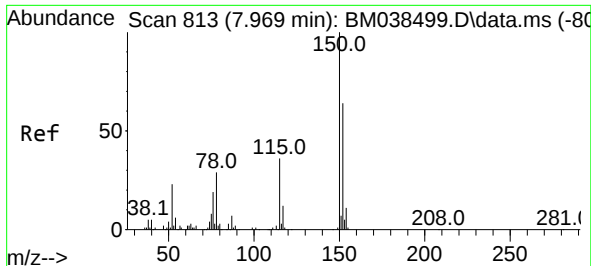
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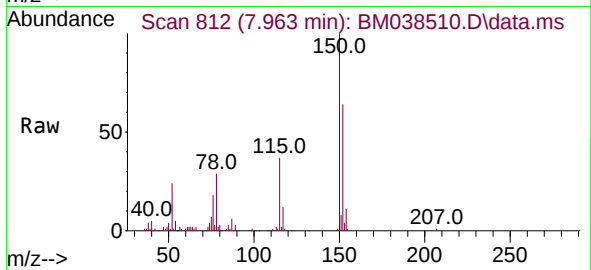
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	19611	4.659	ng	# 97
46) 1,1'-Biphenyl	13.439	154	53811	4.502	ng	98
47) 2-Chloronaphthalene	13.480	162	49791	5.337	ng	100
48) 2-Nitroaniline	13.692	65	11454	4.180	ng	96
49) Acenaphthylene	14.321	152	71414	4.892	ng	99
50) Dimethylphthalate	14.057	163	58172	5.064	ng	99
51) 2,6-Dinitrotoluene	14.186	165	11132	4.605	ng	95
52) Acenaphthene	14.663	154	44314	4.978	ng	97
53) 3-Nitroaniline	14.515	138	9627	4.007	ng	100
54) 2,4-Dinitrophenol	14.727	184	6078	7.884	ng	93
55) Dibenzofuran	14.998	168	77682	5.219	ng	97
56) 4-Nitrophenol	14.827	139	7057	3.567	ng	89
57) 2,4-Dinitrotoluene	14.974	165	13778	4.204	ng	# 97
58) Fluorene	15.645	166	59365	4.919	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.227	232	16782	4.878	ng	# 98
60) Diethylphthalate	15.415	149	55645	4.946	ng	99
61) 4-Chlorophenyl-phenyle...	15.639	204	32617	5.147	ng	96
62) 4-Nitroaniline	15.674	138	9122	6.465	ng	97
63) Azobenzene	15.927	77	55117	4.624	ng	98
65) 4,6-Dinitro-2-methylph...	15.733	198	8825	3.982	ng	95
66) n-Nitrosodiphenylamine	15.857	169	49093	4.789	ng	98
67) 4-Bromophenyl-phenylether	16.533	248	19586	5.171	ng	97
68) Hexachlorobenzene	16.645	284	22971	5.620	ng	95
69) Atrazine	16.804	200	14906	4.359	ng	95
70) Pentachlorophenol	16.992	266	12423	4.269	ng	95
71) Phenanthrene	17.386	178	97466	5.111	ng	99
72) Anthracene	17.474	178	93157	4.801	ng	98
73) Carbazole	17.751	167	82435	4.824	ng	98
74) Di-n-butylphthalate	18.298	149	83828	4.465	ng	99
75) Fluoranthene	19.398	202	116163	5.069	ng	97
77) Benzidine	19.586	184	30227	3.452	ng	98
78) Pyrene	19.762	202	122786	4.590	ng	99
80) Butylbenzylphthalate	20.645	149	37979	4.105	ng	95
81) Benzo(a)anthracene	21.503	228	139899	5.139	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	40080	4.583	ng	# 99
83) Chrysene	21.556	228	135811	5.101	ng	99
84) Bis(2-ethylhexyl)phtha...	21.415	149	56958	4.248	ng	99
85) Di-n-octyl phthalate	22.339	149	97439	4.087	ng	99
87) Indeno(1,2,3-cd)pyrene	26.444	276	179193	5.103	ng	99
88) Benzo(b)fluoranthene	23.191	252	157774	5.512	ng	99
89) Benzo(k)fluoranthene	23.244	252	151390	5.111	ng	97
90) Benzo(a)pyrene	23.821	252	138725	4.888	ng	# 97
91) Dibenzo(a,h)anthracene	26.456	278	159048	5.441	ng	# 97
92) Benzo(g,h,i)perylene	27.221	276	161999	5.411	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

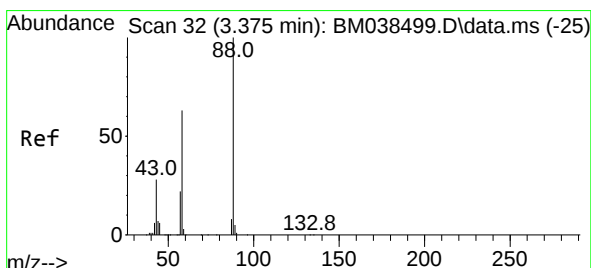
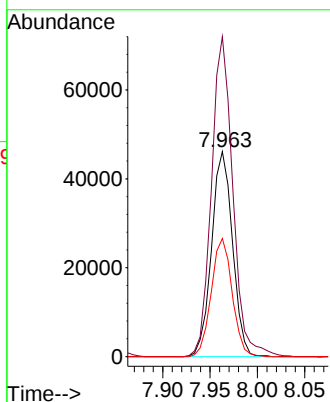
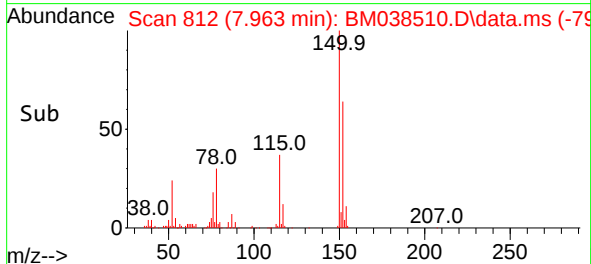
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 152 Resp: 71014
Ion Ratio Lower Upper
152 100
150 156.1 124.2 186.4
115 57.6 44.8 67.2

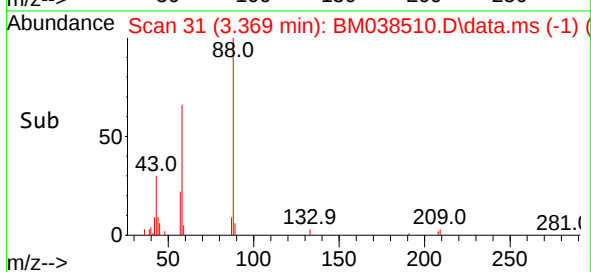
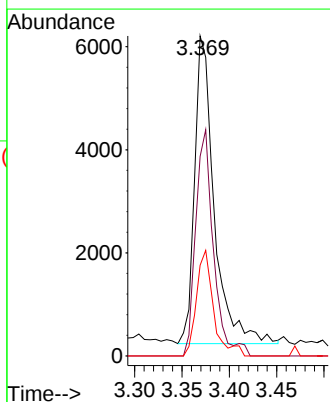
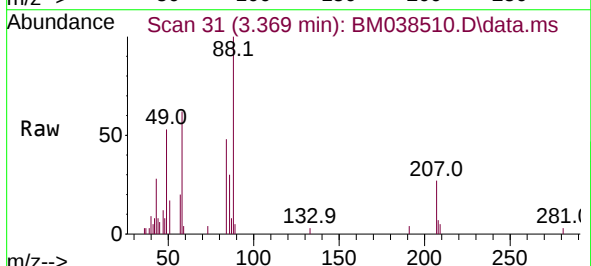
Manual Integrations
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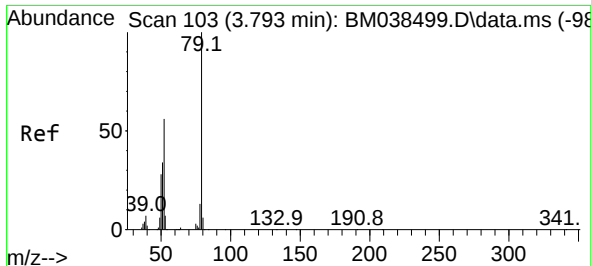
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#2
1,4-Dioxane
Concen: 4.266 ng
RT: 3.369 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

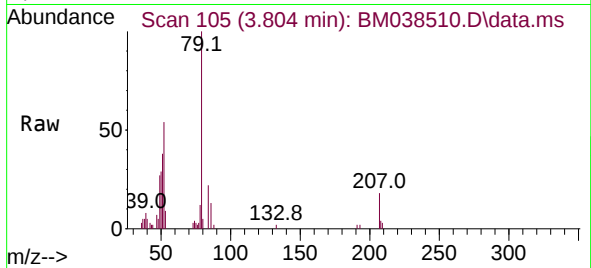
Tgt Ion: 88 Resp: 8596
Ion Ratio Lower Upper
88 100
58 66.6 50.5 75.7
43 29.8 23.9 35.9





#3
Pyridine
Concen: 3.725 ng m
RT: 3.804 min Scan# 103
Delta R.T. 0.012 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

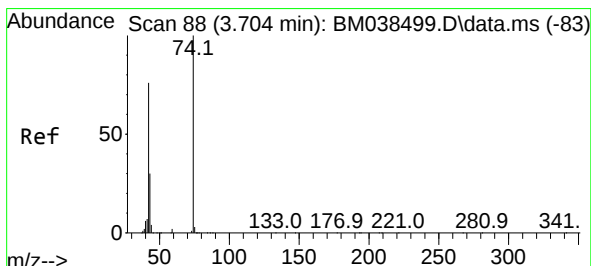
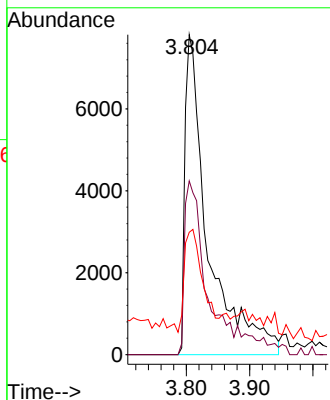
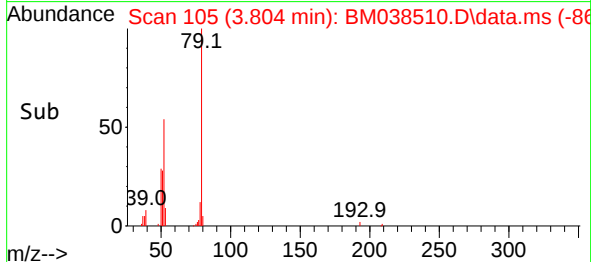
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 79 Resp: 19713
Ion Ratio Lower Upper
79 100
52 54.3 45.0 67.4
51 38.3 27.1 40.7

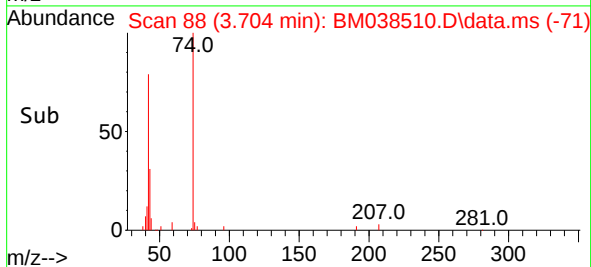
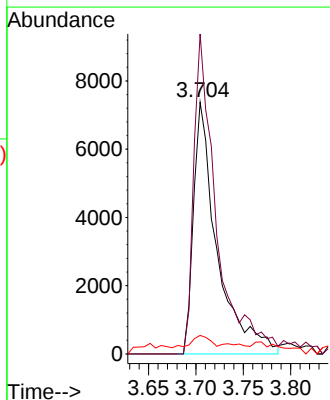
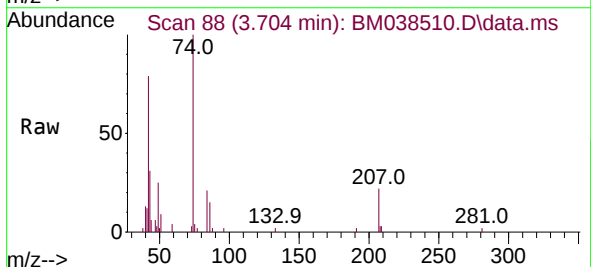
Manual Integrations
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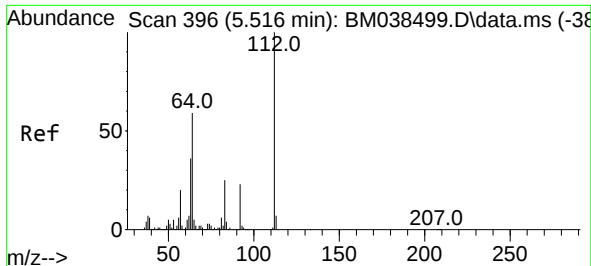
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#4
n-Nitrosodimethylamine
Concen: 5.099 ng
RT: 3.704 min Scan# 88
Delta R.T. 0.000 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

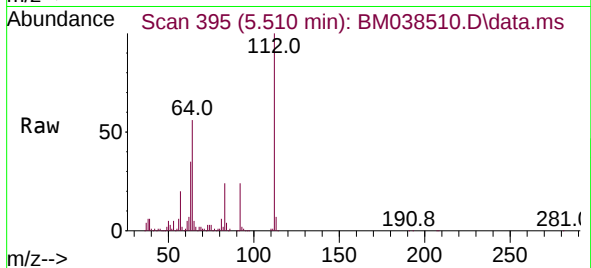
Tgt Ion: 42 Resp: 12809
Ion Ratio Lower Upper
42 100
74 127.2 105.0 157.4
44 7.3 4.1 6.1





#5
2-Fluorophenol
Concen: 108.164 ng
RT: 5.510 min Scan# 396
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

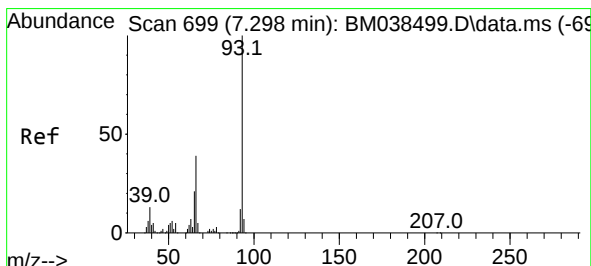
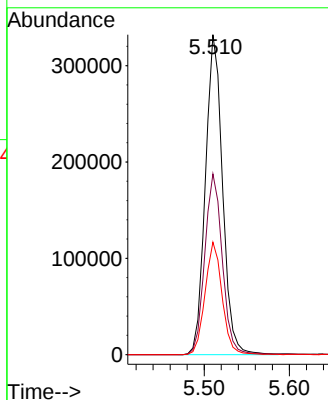
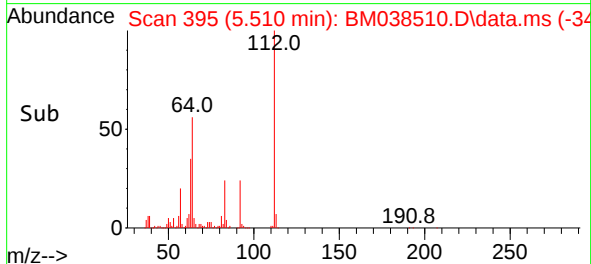
Instrument :
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ClientSampleId :
LOQ-WATER-02-QT4-2022



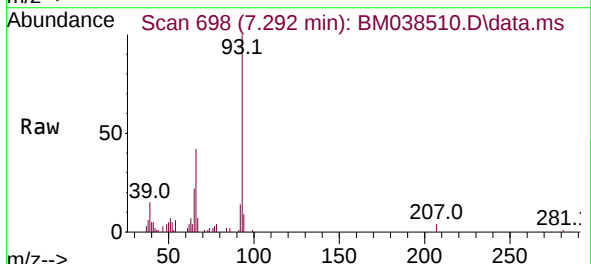
Tgt Ion: 112 Resp: 464643
Ion Ratio Lower Upper
112 100
64 56.5 47.3 70.9
63 35.1 28.8 43.2

Manual Integrations
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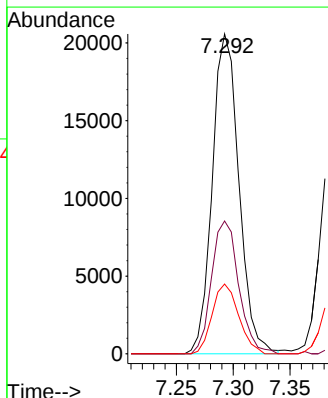
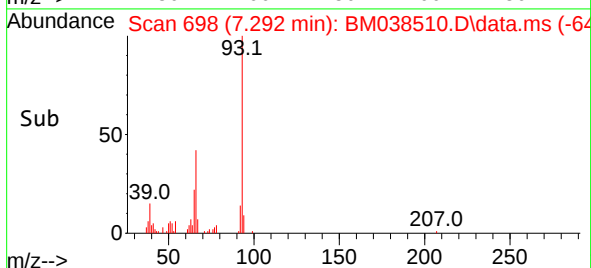
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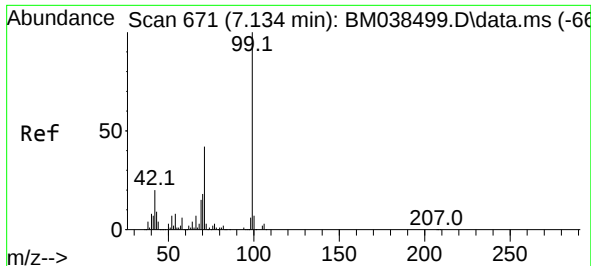


#6
Aniline
Concen: 4.933 ng
RT: 7.292 min Scan# 698
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32



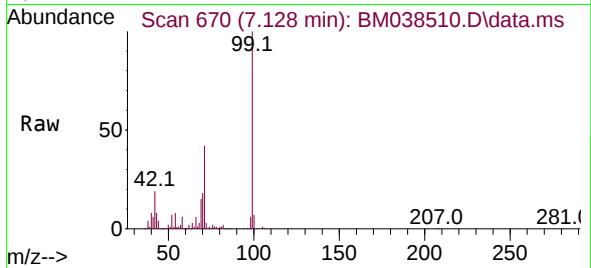
Tgt Ion: 93 Resp: 33562
Ion Ratio Lower Upper
93 100
66 41.5 31.6 47.4
65 21.8 16.6 24.8





#7
Phenol-d6
Concen: 107.971 ng
RT: 7.128 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

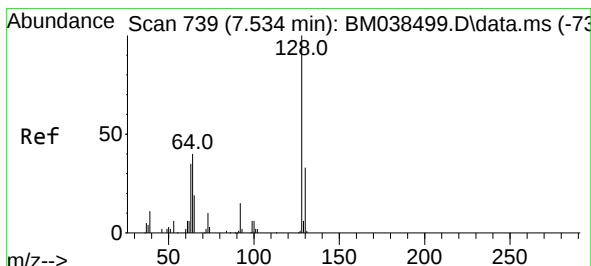
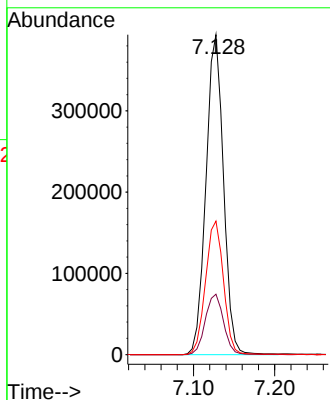
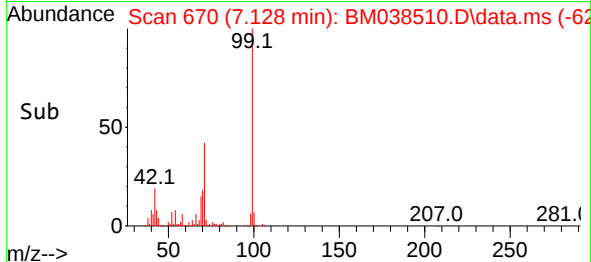
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 99 Resp: 591770
Ion Ratio Lower Upper
99 100
42 18.9 16.0 24.0
71 41.7 33.8 50.6

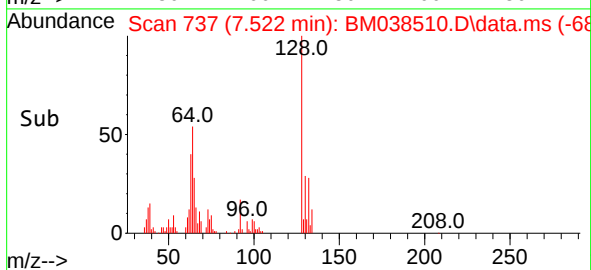
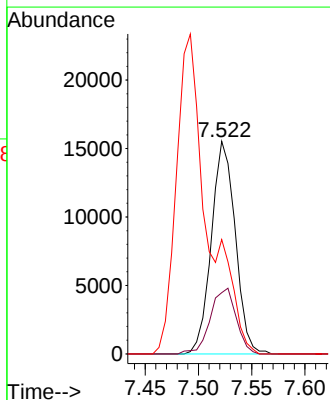
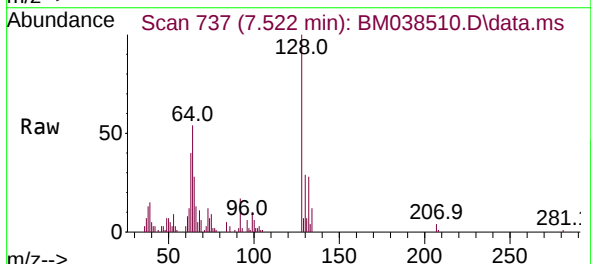
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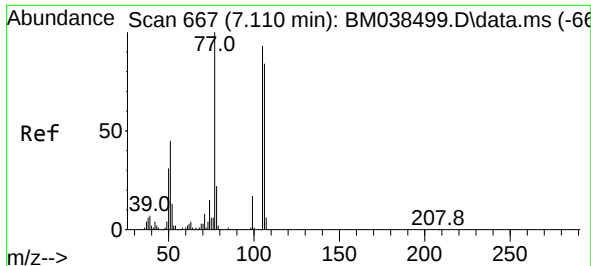
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#8
2-Chlorophenol
Concen: 5.532 ng
RT: 7.522 min Scan# 737
Delta R.T. -0.012 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

Tgt Ion:128 Resp: 24277
Ion Ratio Lower Upper
128 100
130 28.8 13.2 53.2
64 53.8 27.7 67.7





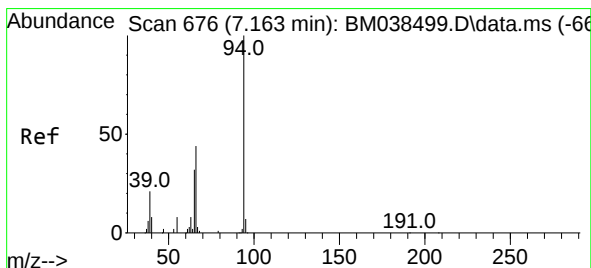
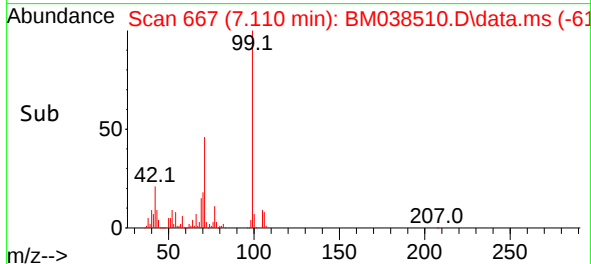
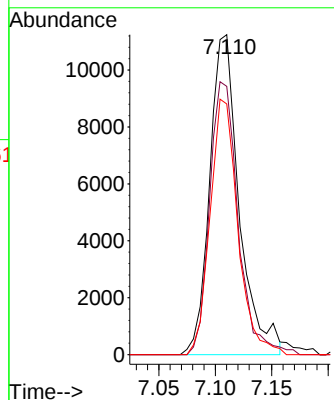
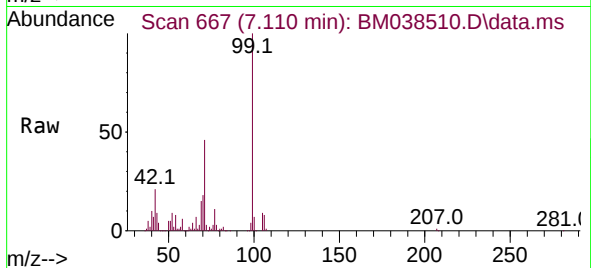
#9
Benzaldehyde
Concen: 6.289 ng m
RT: 7.110 min Scan# 667
Delta R.T. 0.000 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion: 77 Resp: 2044
Ion Ratio Lower Upper
77 100
105 83.8 72.9 112.9
106 78.3 63.8 103.8

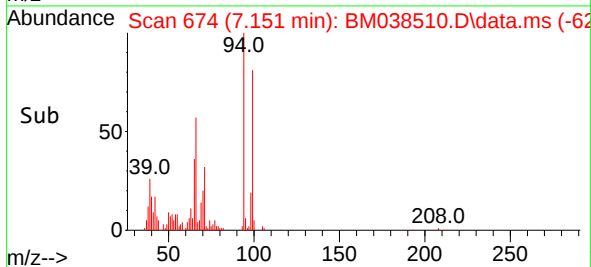
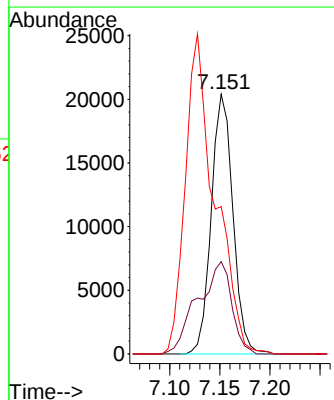
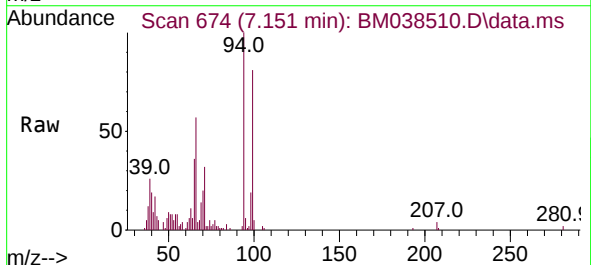
Manual Integrations
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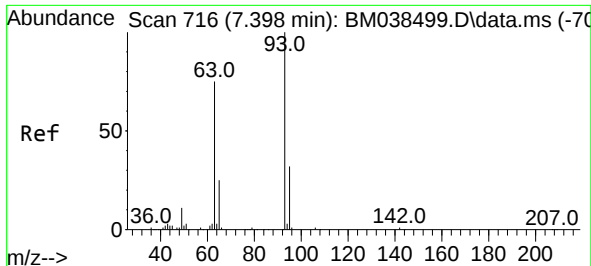
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#10
Phenol
Concen: 5.596 ng
RT: 7.151 min Scan# 674
Delta R.T. -0.012 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

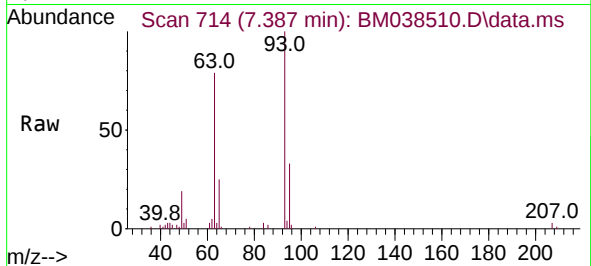
Tgt Ion: 94 Resp: 30647
Ion Ratio Lower Upper
94 100
65 35.6 12.7 52.7
66 56.7 26.0 66.0





#11
bis(2-Chloroethyl)ether
Concen: 5.379 ng
RT: 7.387 min Scan# 716
Delta R.T. -0.012 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

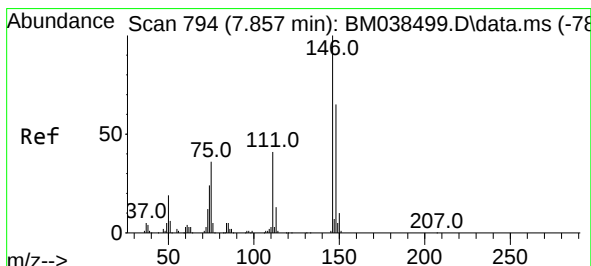
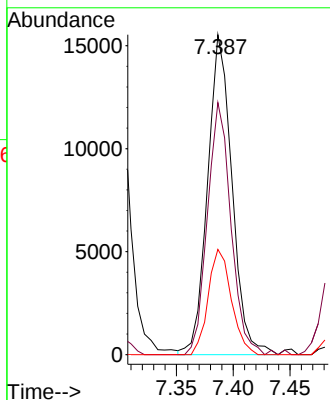
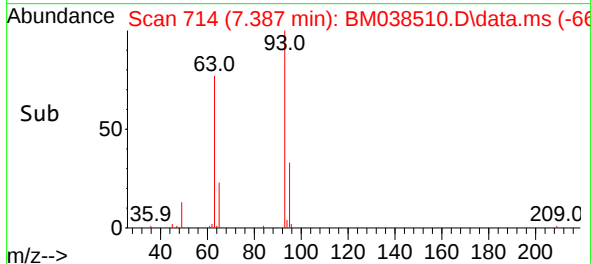
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 93 Resp: 23243
Ion Ratio Lower Upper
93 100
63 78.8 54.4 94.4
95 32.9 11.4 51.4

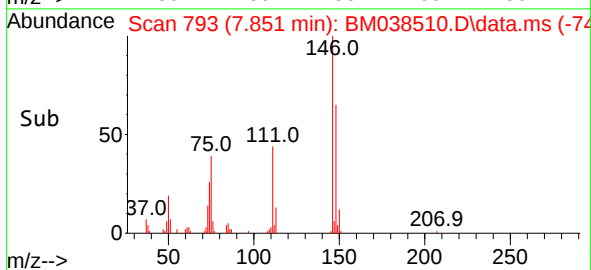
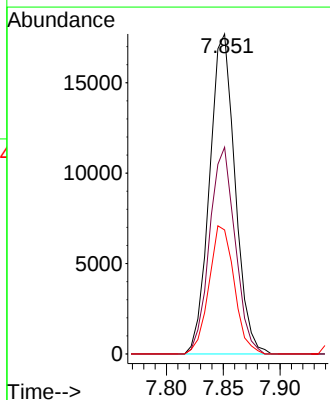
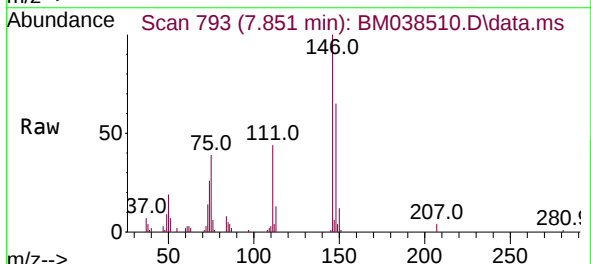
Manual Integrations
APPROVED

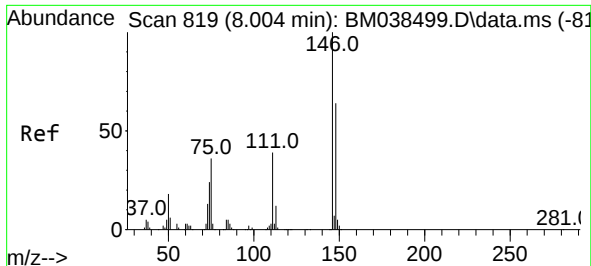
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#12
1,3-Dichlorobenzene
Concen: 5.539 ng
RT: 7.851 min Scan# 793
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

Tgt Ion:146 Resp: 27633
Ion Ratio Lower Upper
146 100
148 64.6 52.1 78.1
75 38.7 28.7 43.1





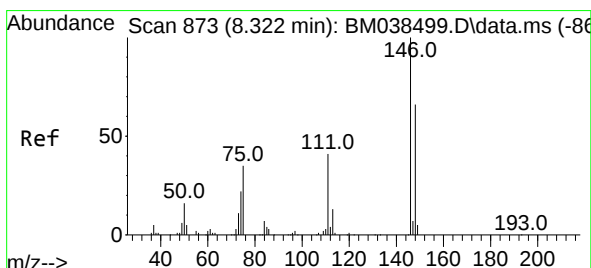
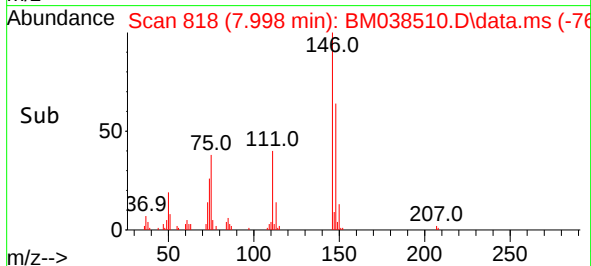
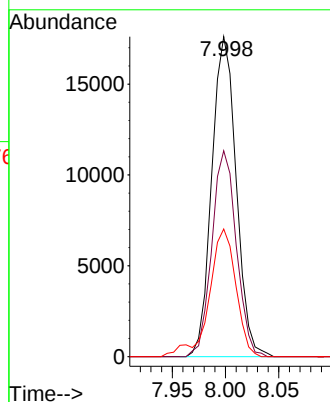
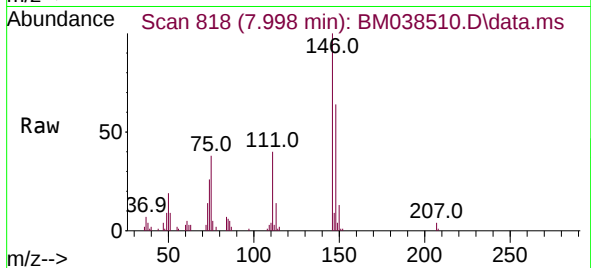
#13
1,4-Dichlorobenzene
Concen: 5.569 ng
RT: 7.998 min Scan# 819
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT4-2022

Tgt Ion:146 Resp: 28074
Ion Ratio Lower Upper
146 100
148 64.3 51.3 76.9
111 39.9 31.4 47.0

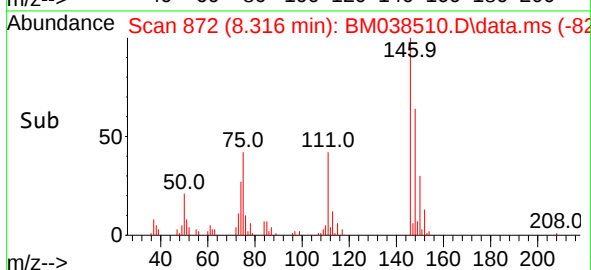
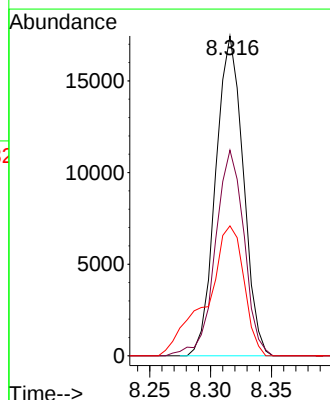
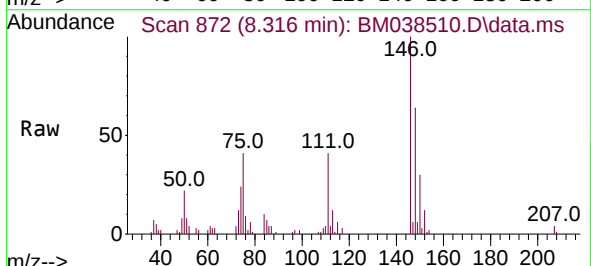
Manual Integrations
APPROVED

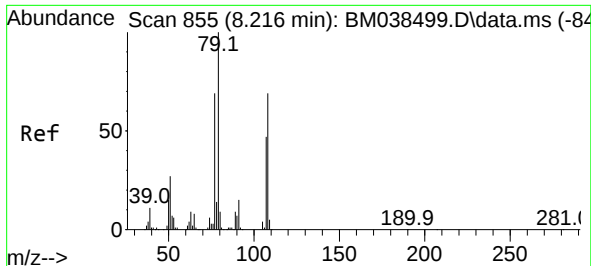
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#14
1,2-Dichlorobenzene
Concen: 5.631 ng
RT: 8.316 min Scan# 872
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

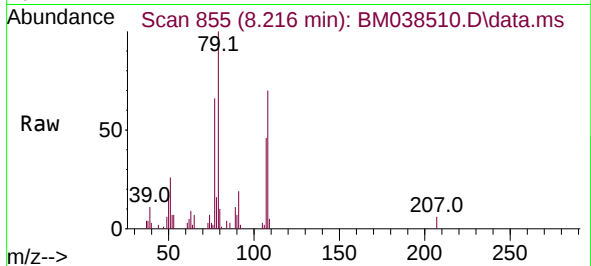
Tgt Ion:146 Resp: 27496
Ion Ratio Lower Upper
146 100
148 64.3 52.7 79.1
111 40.6 33.2 49.8





#15
Benzyl Alcohol
Concen: 4.984 ng
RT: 8.216 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

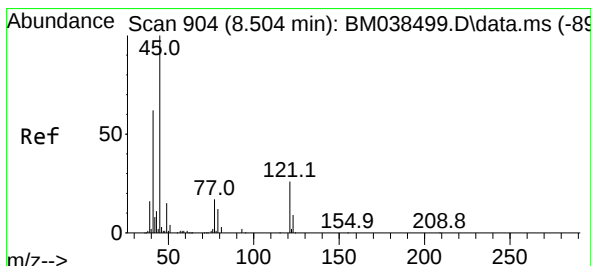
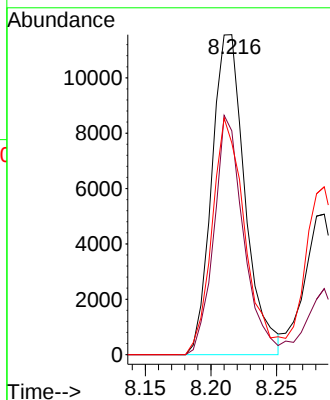
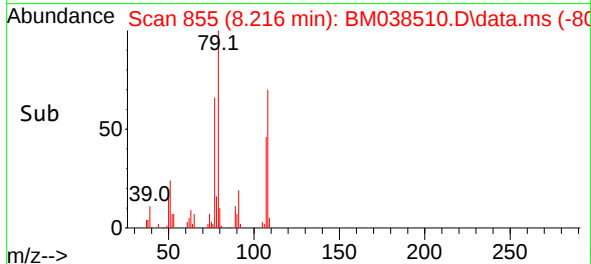
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 79 Resp: 20425
Ion Ratio Lower Upper
79 100
108 69.9 55.0 82.6
77 66.2 55.0 82.4

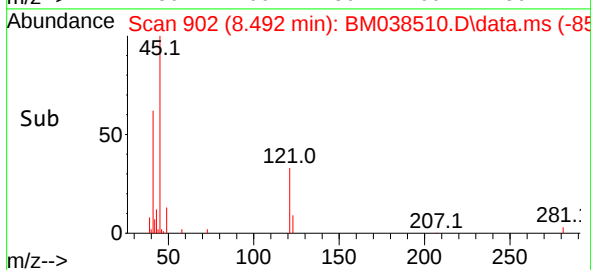
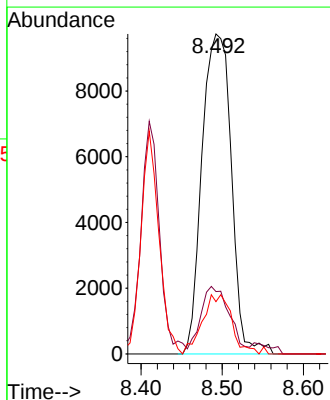
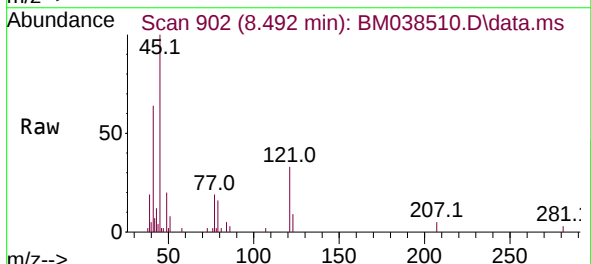
Manual Integrations
APPROVED

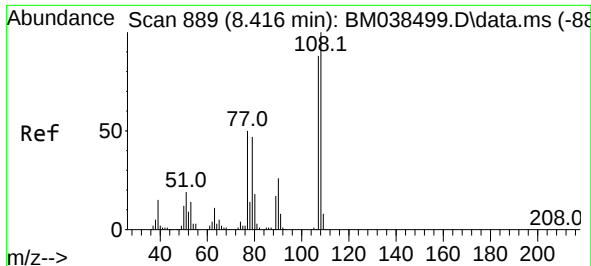
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.388 ng
RT: 8.492 min Scan# 902
Delta R.T. -0.012 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

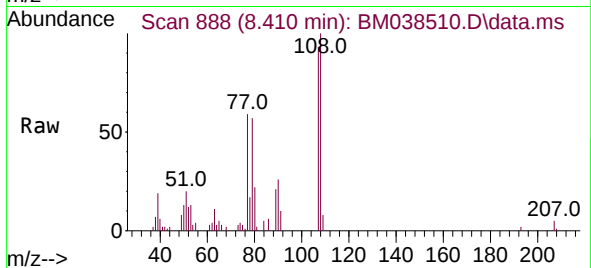
Tgt Ion: 45 Resp: 24449
Ion Ratio Lower Upper
45 100
77 19.5 0.0 39.2
79 16.3 0.0 34.9





#17
2-Methylphenol
Concen: 4.624 ng
RT: 8.410 min Scan# 889
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

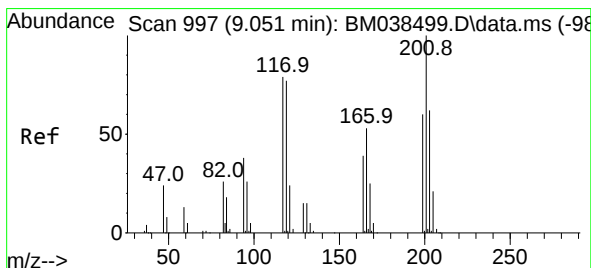
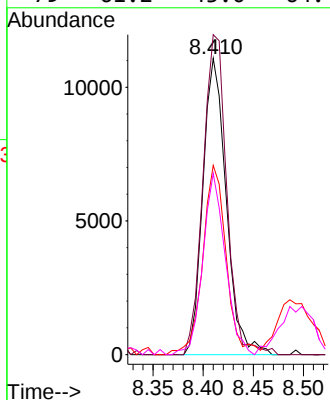
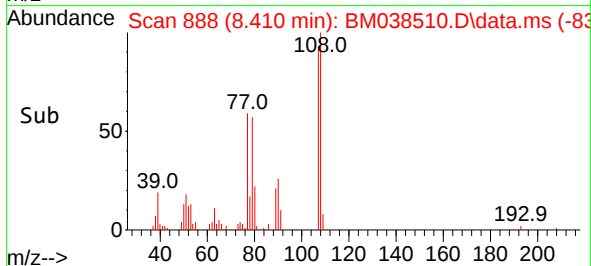
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:	107	Resp:	17923
Ion Ratio	Lower	Upper	
107	100		
108	108.0	90.8	136.2
77	63.9	46.1	69.1
79	61.2	43.0	64.4

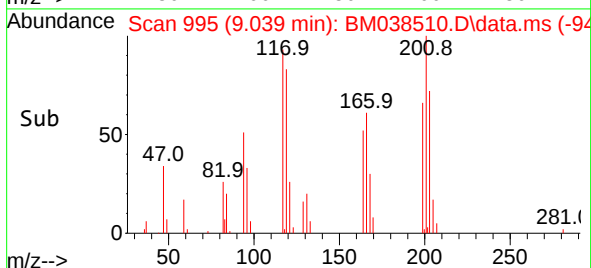
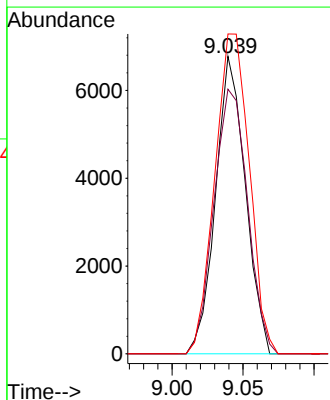
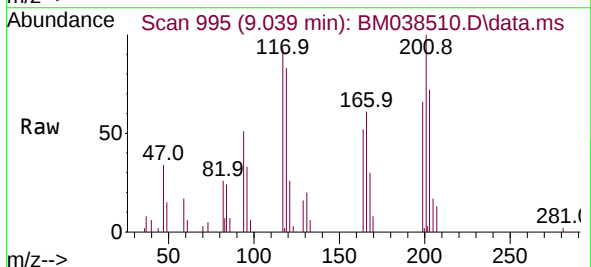
Manual Integrations
APPROVED

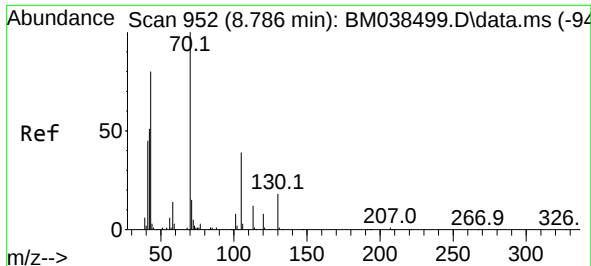
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#18
Hexachloroethane
Concen: 5.274 ng
RT: 9.039 min Scan# 995
Delta R.T. -0.012 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

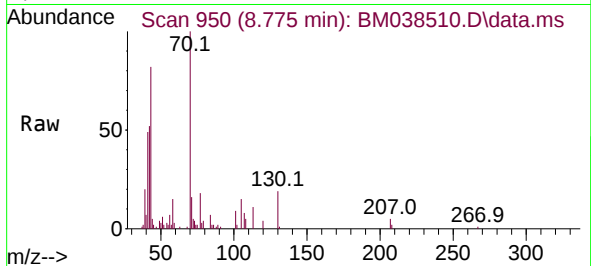
Tgt Ion:	117	Resp:	9884
Ion Ratio	Lower	Upper	
117	100		
119	89.0	77.9	116.9
201	111.0	100.6	151.0





#19
n-Nitroso-di-n-propylamine
Concen: 4.634 ng
RT: 8.775 min Scan# 91
Delta R.T. -0.011 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

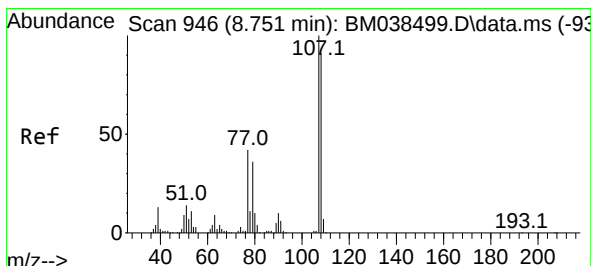
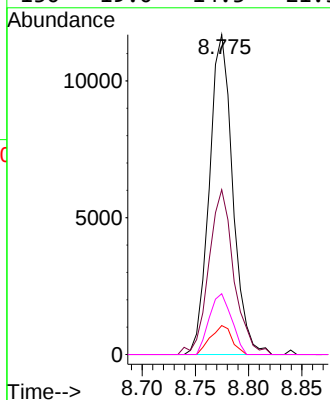
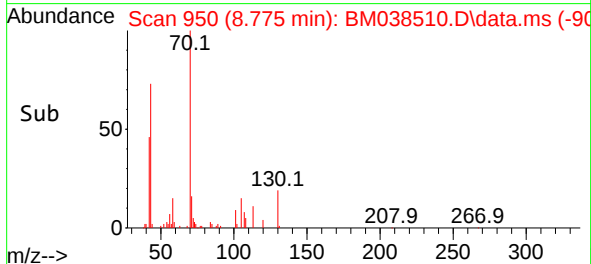
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 70 Resp: 17914
Ion Ratio Lower Upper
70 100
42 51.5 41.4 62.2
101 9.1 6.5 9.7
130 19.0 14.3 21.5

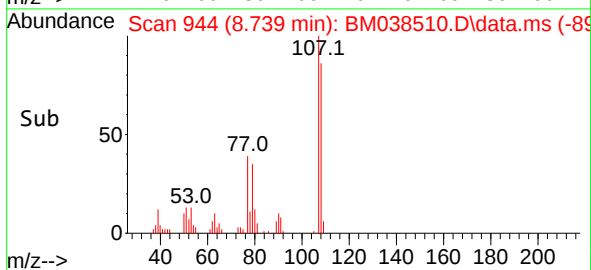
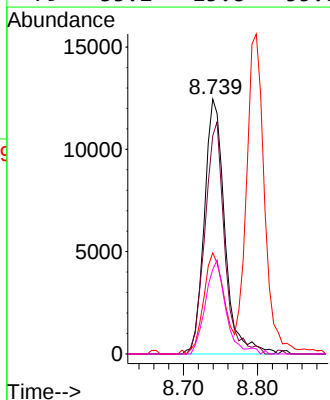
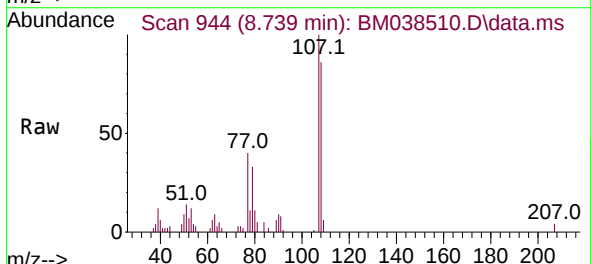
Manual Integrations
APPROVED

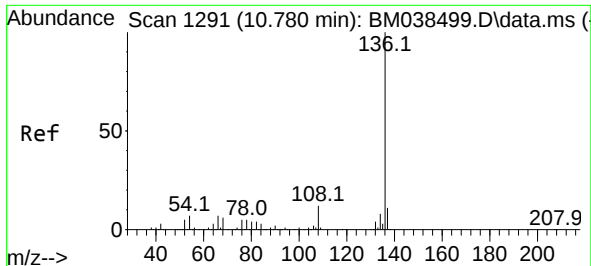
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#20
3+4-Methylphenols
Concen: 4.591 ng
RT: 8.739 min Scan# 944
Delta R.T. -0.012 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

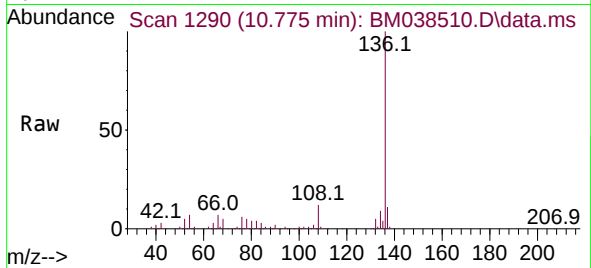
Tgt Ion:107 Resp: 23852
Ion Ratio Lower Upper
107 100
108 85.6 70.7 110.7
77 39.7 22.0 62.0
79 33.2 15.8 55.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

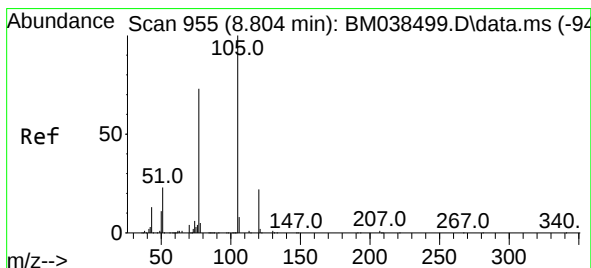
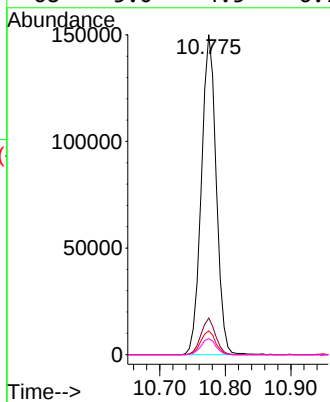
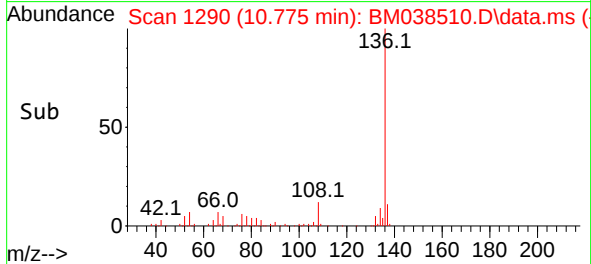
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:136 Resp: 234781
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 7.4 6.0 9.0
68 5.0 4.5 6.7

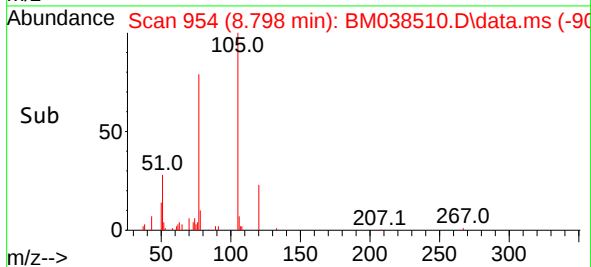
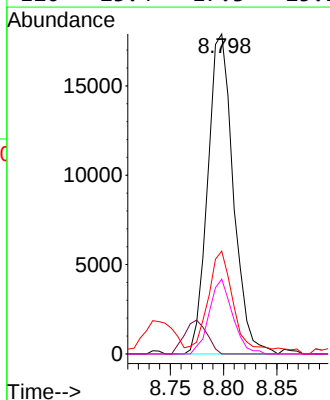
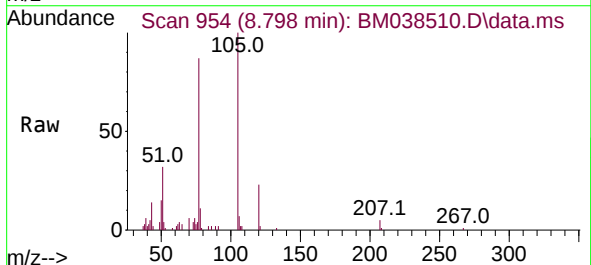
Manual Integrations
APPROVED

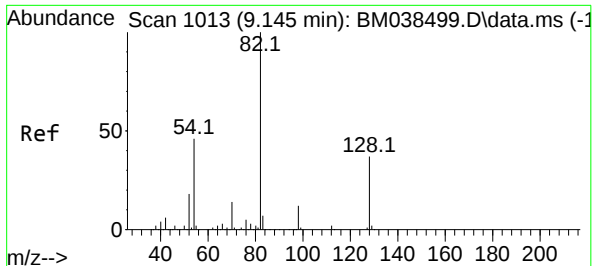
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#22
Acetophenone
Concen: 4.618 ng
RT: 8.798 min Scan# 954
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

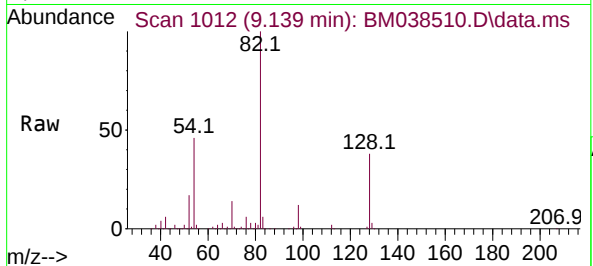
Tgt Ion:105 Resp: 29867
Ion Ratio Lower Upper
105 100
71 0.0 0.9 1.3#
51 32.1 21.8 32.8
120 23.4 17.3 25.9





#23
Nitrobenzene-d5
Concen: 70.173 ng
RT: 9.139 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

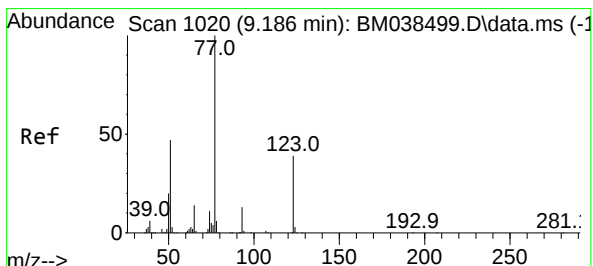
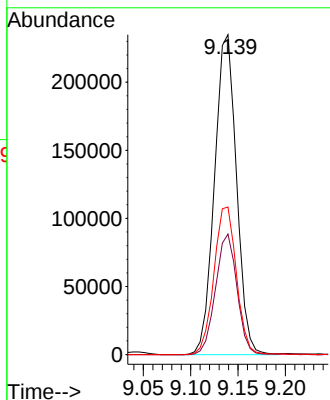
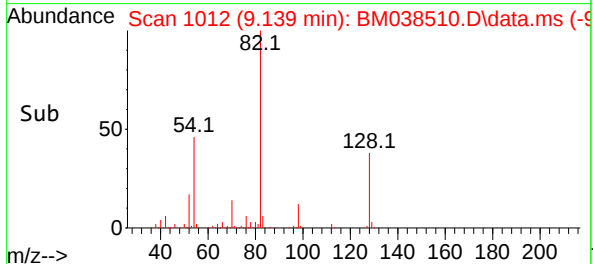
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 82 Resp: 379398
Ion Ratio Lower Upper
82 100
128 37.7 29.3 43.9
54 46.1 36.9 55.3

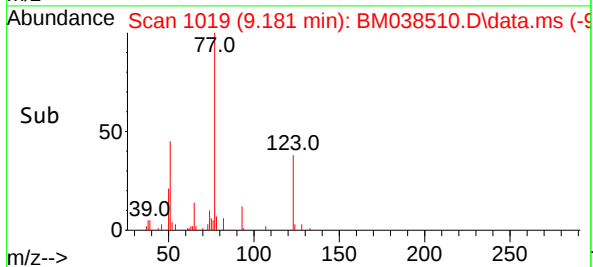
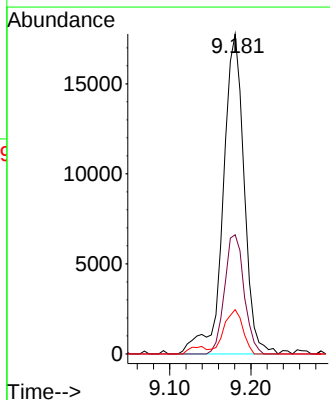
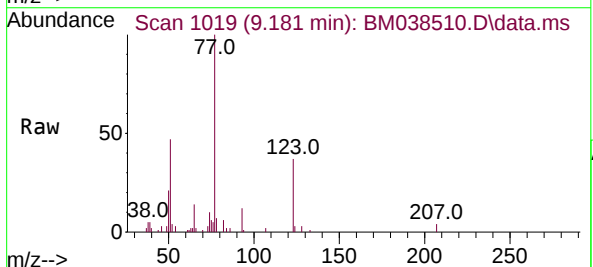
Manual Integrations
APPROVED

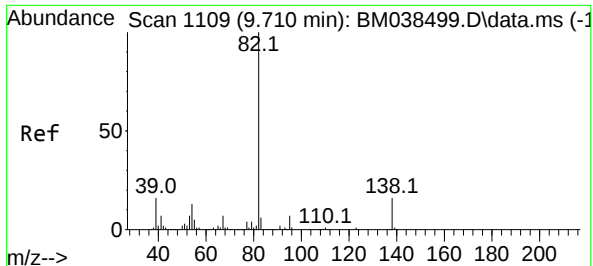
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#24
Nitrobenzene
Concen: 5.841 ng
RT: 9.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

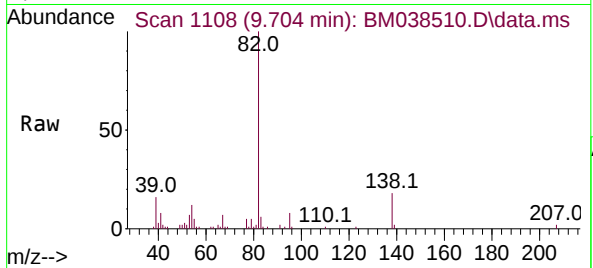
Tgt Ion: 77 Resp: 31953
Ion Ratio Lower Upper
77 100
123 37.2 31.5 47.3
65 13.9 11.2 16.8





#25
Isophorone
Concen: 5.201 ng
RT: 9.704 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

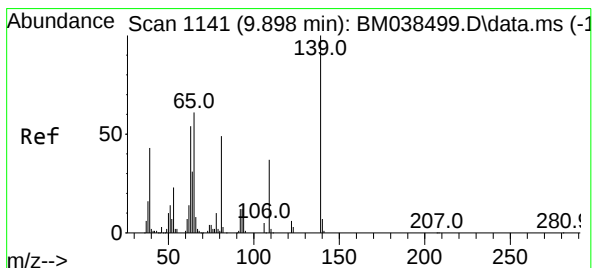
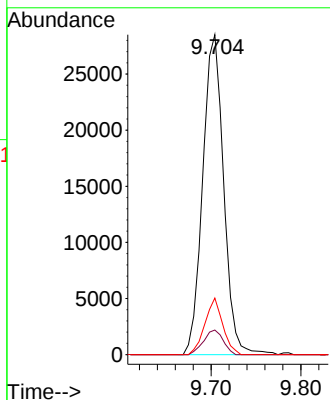
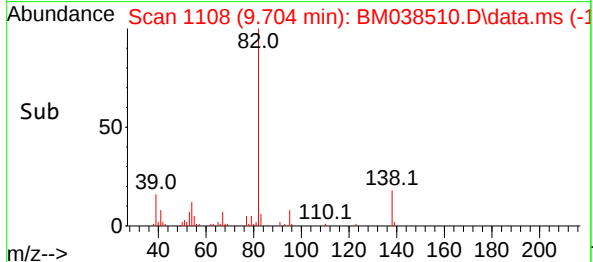
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



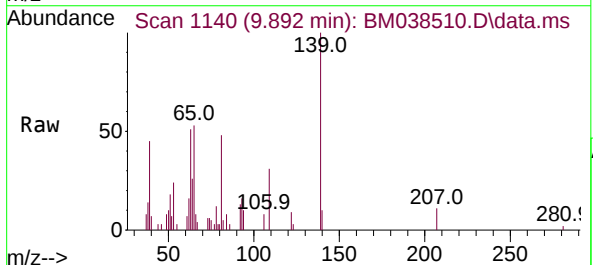
Tgt Ion: 82 Resp: 4640
Ion Ratio Lower Upper
82 100
95 7.7 5.6 8.4
138 17.7 13.2 19.8

Manual Integrations
APPROVED

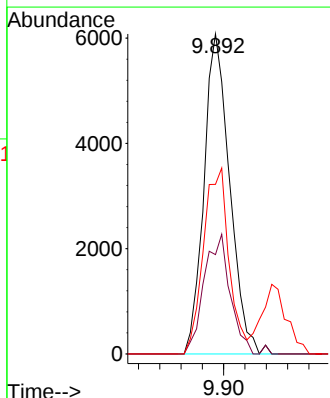
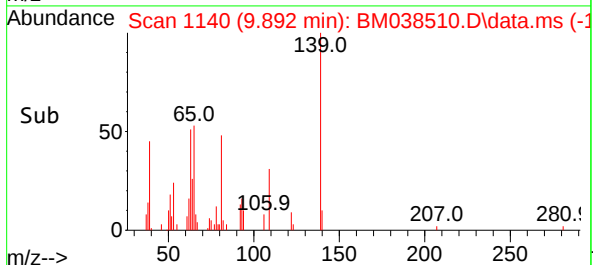
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

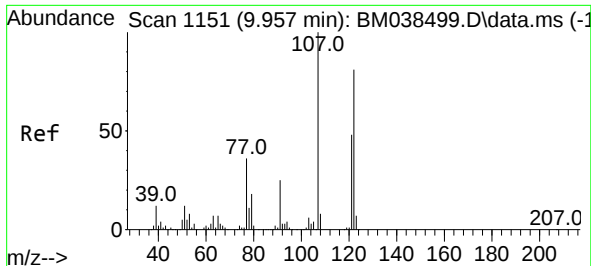


#26
2-Nitrophenol
Concen: 4.698 ng
RT: 9.892 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32



Tgt Ion:139 Resp: 10201
Ion Ratio Lower Upper
139 100
109 31.0 29.3 43.9
65 53.0 48.6 72.8





#27

2,4-Dimethylphenol

Concen: 3.622 ng

RT: 9.951 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BM038510.D

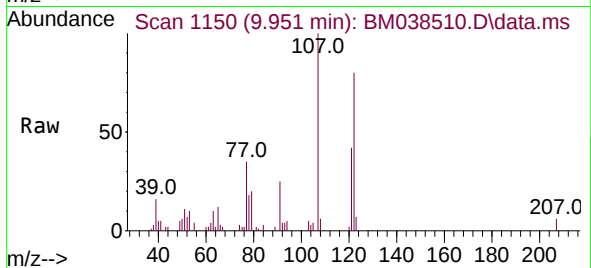
Acq: 23 Jan 2023 15:32

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2022



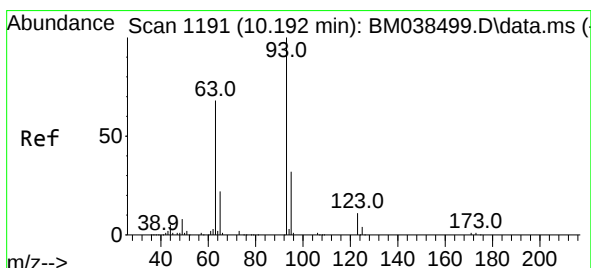
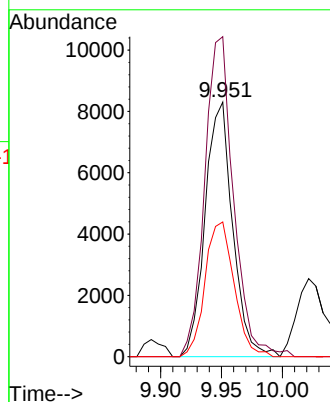
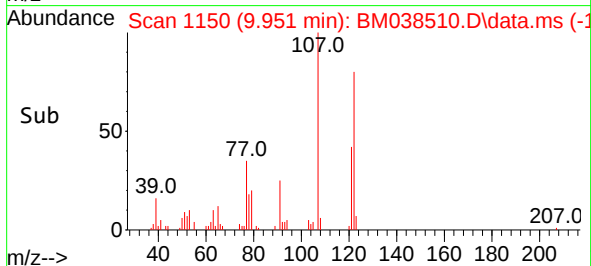
Tgt Ion:	122	Resp:	1309
Ion Ratio	Lower	Upper	
122	100		
107	125.8	98.2	147.2
121	52.9	47.1	70.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#28

bis(2-Chloroethoxy)methane

Concen: 5.257 ng

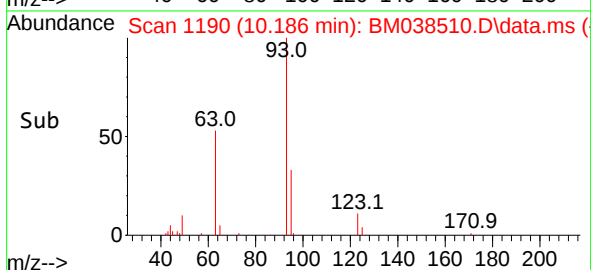
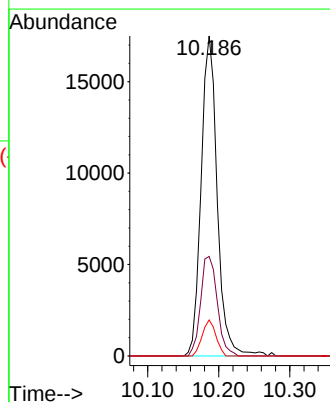
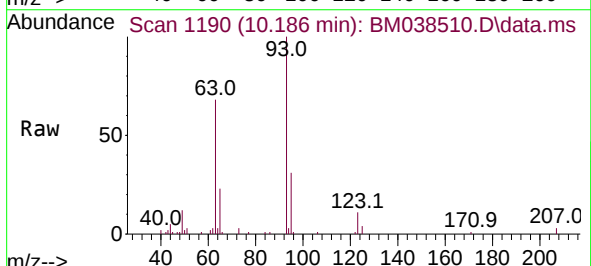
RT: 10.186 min Scan# 1190

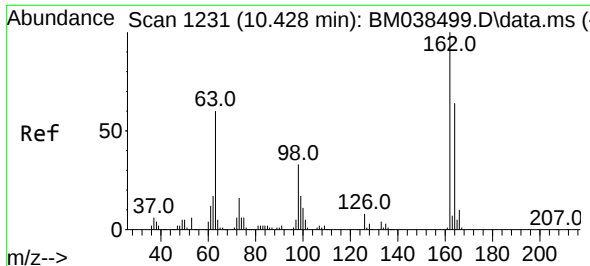
Delta R.T. -0.006 min

Lab File: BM038510.D

Acq: 23 Jan 2023 15:32

Tgt Ion:	93	Resp:	27437
Ion Ratio	Lower	Upper	
93	100		
95	31.1	25.3	37.9
123	11.2	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 4.986 ng

RT: 10.428 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BM038510.D

Acq: 23 Jan 2023 15:32

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2022

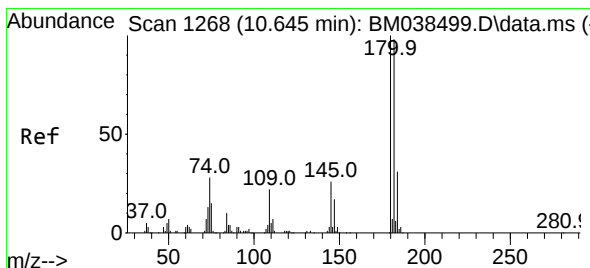
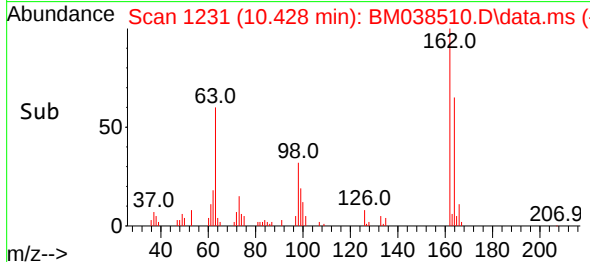
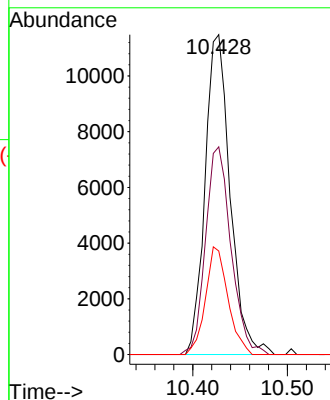
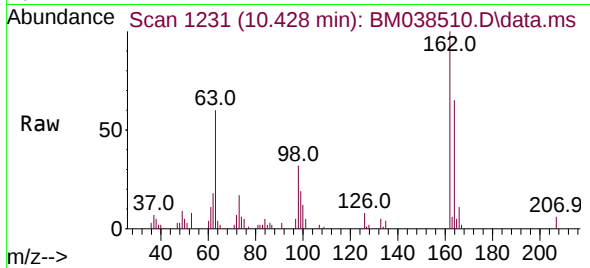
Tgt Ion:	162	Resp:	21140
Ion Ratio	Lower	Upper	
162	100		
164	64.9	43.7	83.7
98	32.4	12.9	52.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#30

1,2,4-Trichlorobenzene

Concen: 5.452 ng

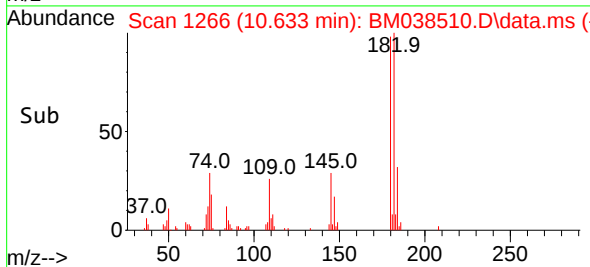
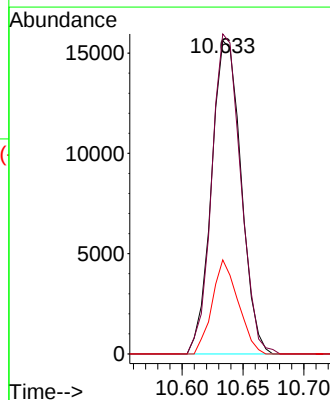
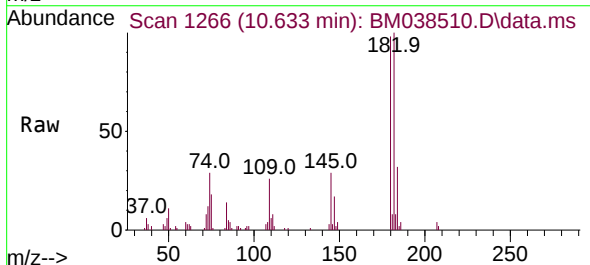
RT: 10.633 min Scan# 1266

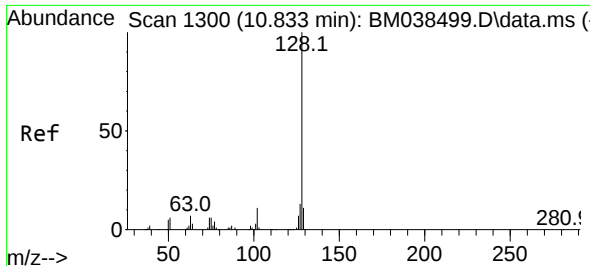
Delta R.T. -0.012 min

Lab File: BM038510.D

Acq: 23 Jan 2023 15:32

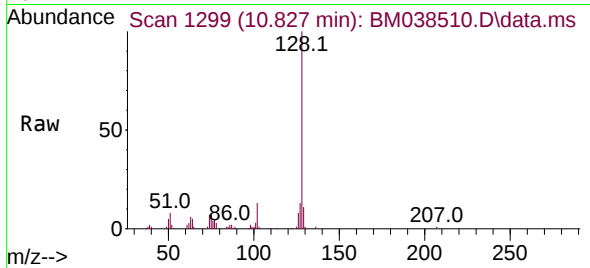
Tgt Ion:	180	Resp:	26432
Ion Ratio	Lower	Upper	
180	100		
182	102.2	78.3	117.5
145	30.0	21.0	31.6





#31
Naphthalene
Concen: 5.253 ng
RT: 10.827 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

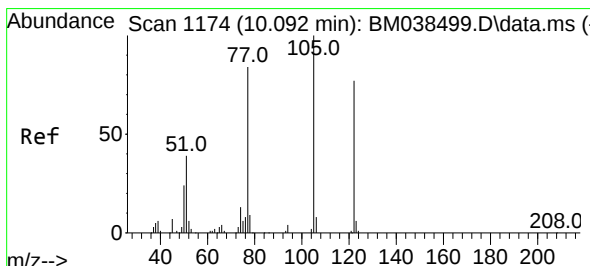
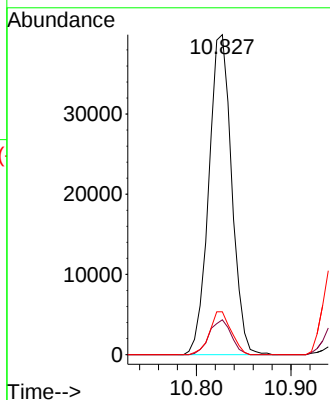
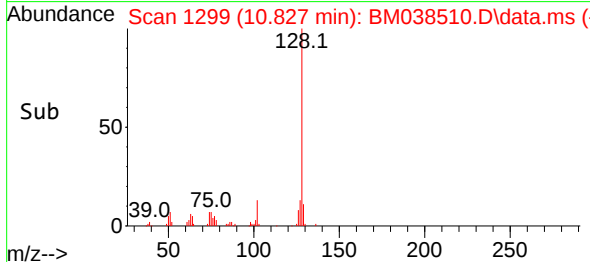
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:128 Resp: 67001
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.4 10.3 15.5

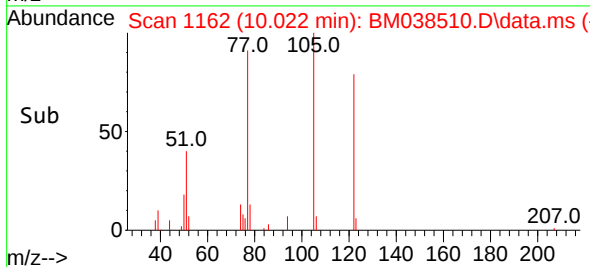
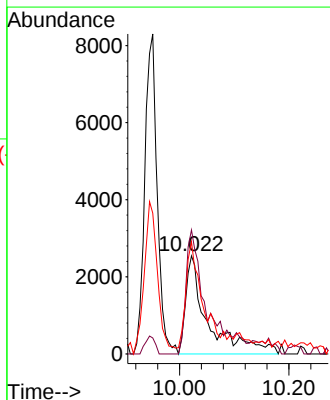
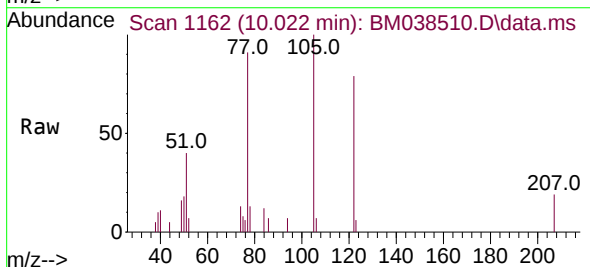
Manual Integrations
APPROVED

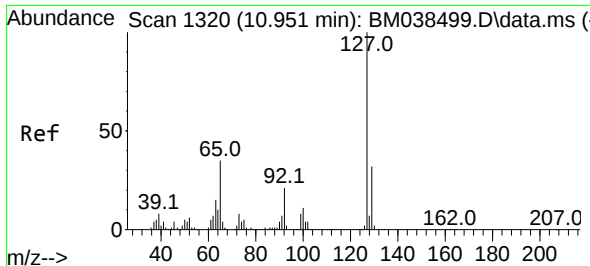
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#32
Benzoic acid
Concen: 7.814 ng m
RT: 10.022 min Scan# 1162
Delta R.T. -0.070 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

Tgt Ion:122 Resp: 7125
Ion Ratio Lower Upper
122 100
105 126.5 107.9 147.9
77 114.5 88.6 128.6





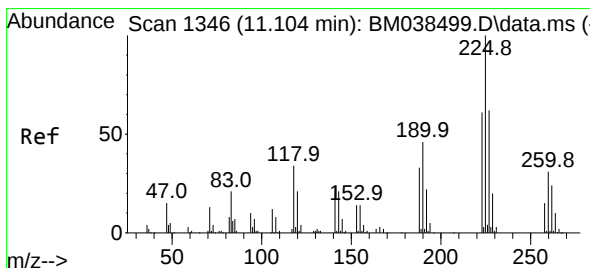
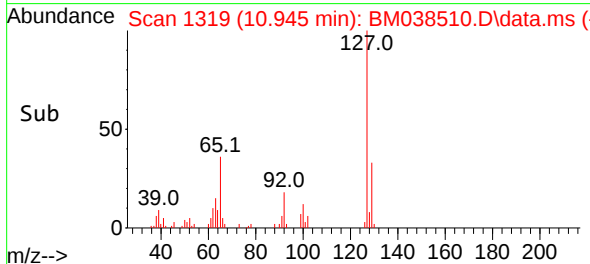
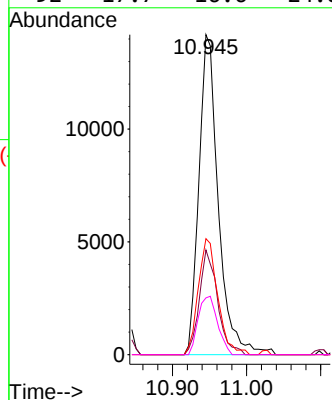
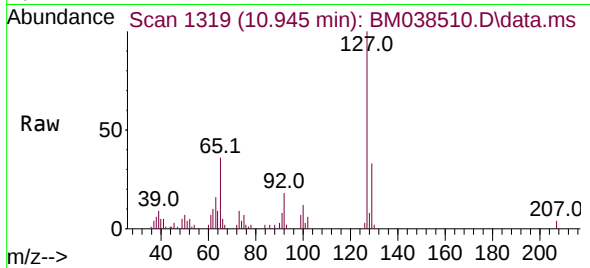
#33
4-Chloroaniline
Concen: 4.845 ng
RT: 10.945 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion:	127	Resp:	25792
Ion Ratio	Lower	Upper	
127	100		
129	32.7	25.8	38.6
65	36.2	28.2	42.2
92	17.7	16.6	24.8

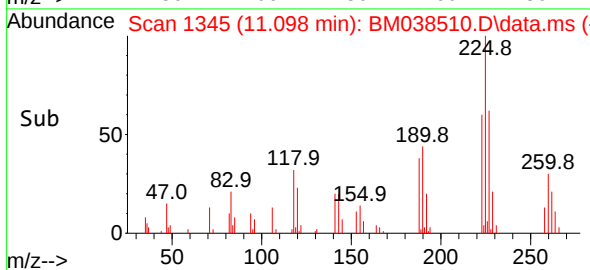
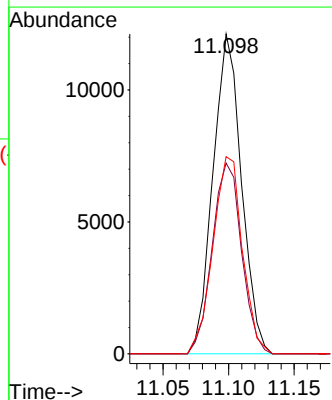
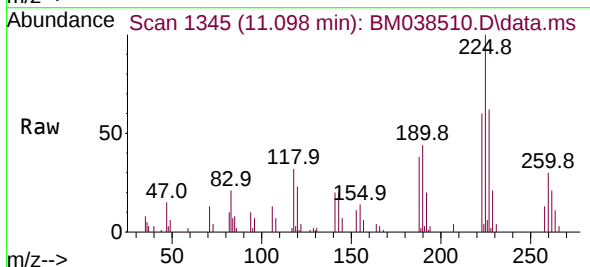
Manual Integrations
APPROVED

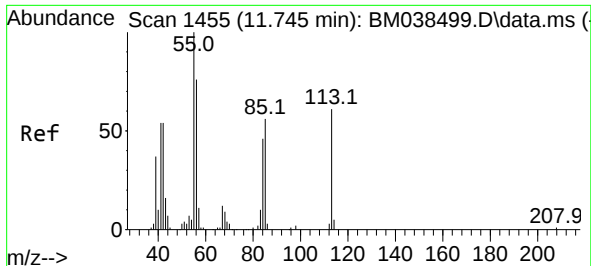
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#34
Hexachlorobutadiene
Concen: 5.747 ng
RT: 11.098 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

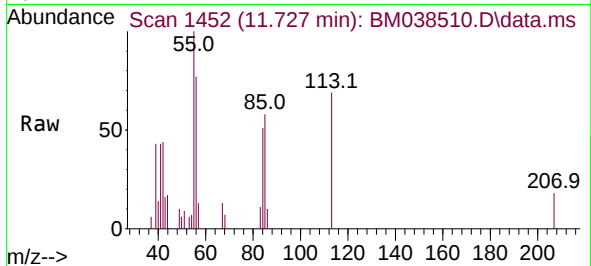
Tgt Ion:	225	Resp:	18330
Ion Ratio	Lower	Upper	
225	100		
223	59.6	48.8	73.2
227	61.6	49.4	74.0





#35
 Caprolactam
 Concen: 3.453 ng
 RT: 11.727 min Scan# 1455
 Delta R.T. -0.018 min
 Lab File: BM038510.D
 Acq: 23 Jan 2023 15:32

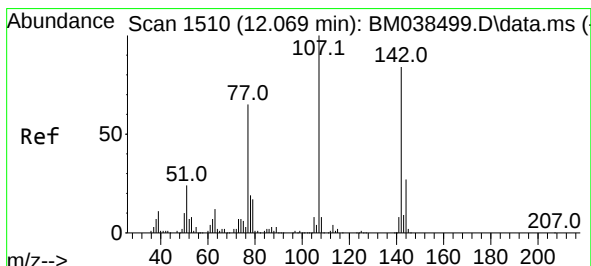
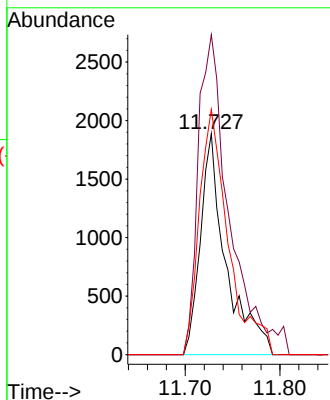
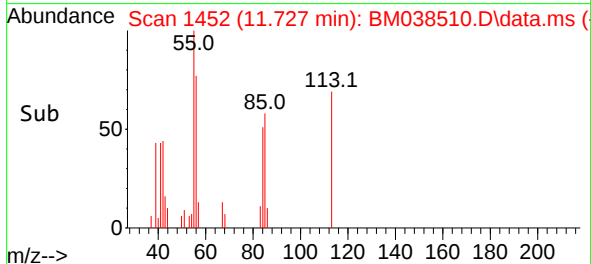
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT4-2022



Tgt Ion:113 Resp: 3549
 Ion Ratio Lower Upper
 113 100
 55 144.9 145.0 185.0
 56 111.0 105.7 145.7

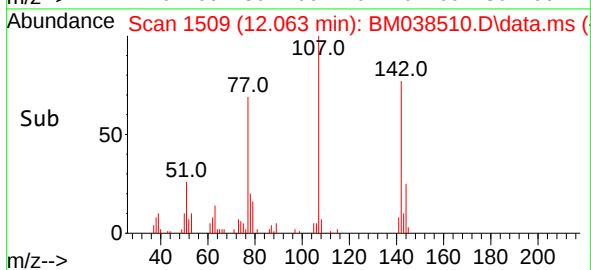
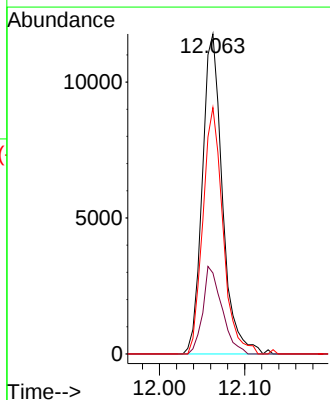
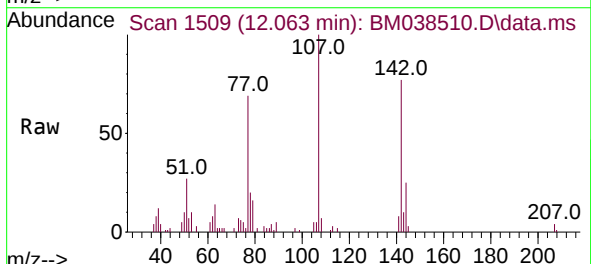
Manual Integrations
 APPROVED

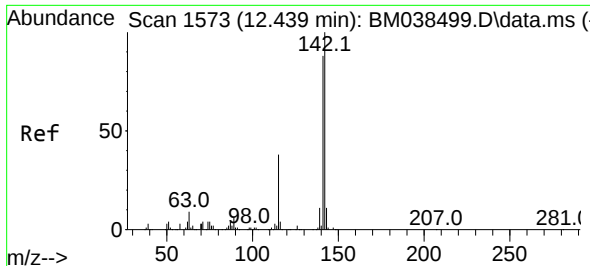
Reviewed By :Christian Giraldo 01/24/2023
 Supervised By :Jagrut Upadhyay 01/24/2023



#36
 4-Chloro-3-methylphenol
 Concen: 5.000 ng
 RT: 12.063 min Scan# 1509
 Delta R.T. -0.006 min
 Lab File: BM038510.D
 Acq: 23 Jan 2023 15:32

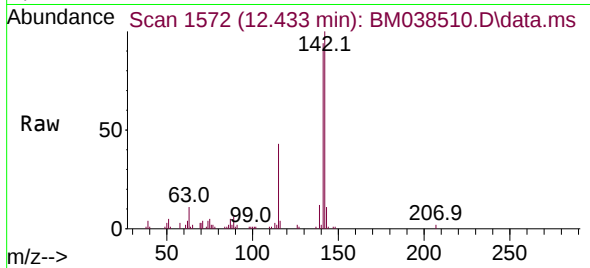
Tgt Ion:107 Resp: 19276
 Ion Ratio Lower Upper
 107 100
 144 25.3 22.0 33.0
 142 77.0 67.5 101.3





#37
2-Methylnaphthalene
Concen: 4.863 ng
RT: 12.433 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

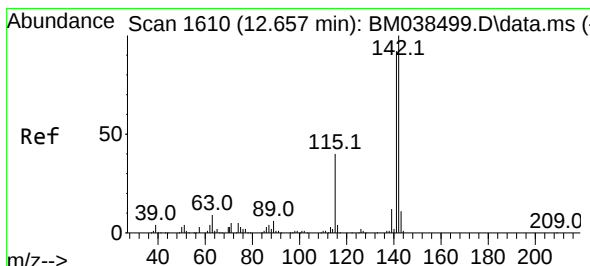
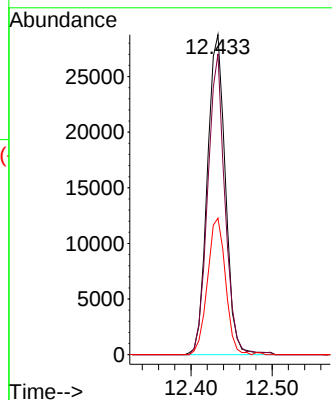
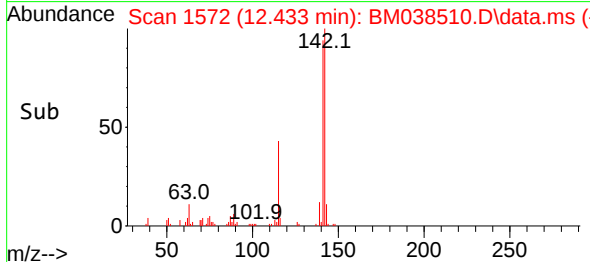
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:142 Resp: 44573
Ion Ratio Lower Upper
142 100
141 94.0 70.7 106.1
115 42.6 30.4 45.6

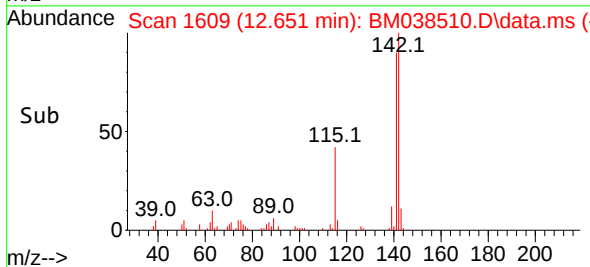
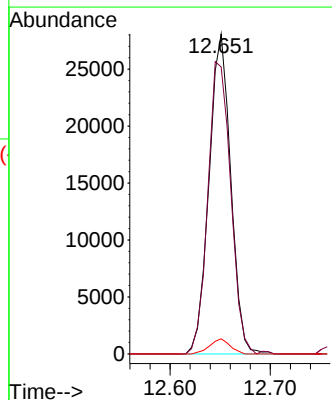
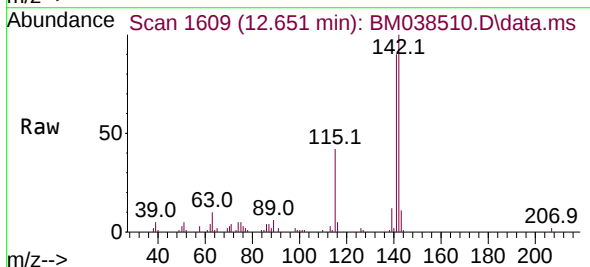
Manual Integrations
APPROVED

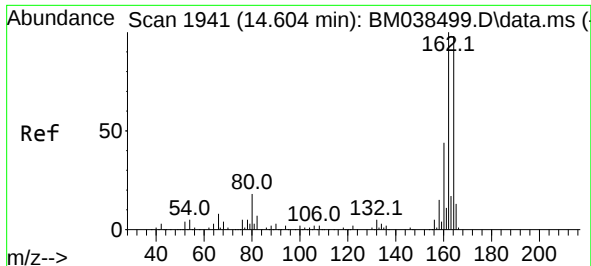
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#38
1-Methylnaphthalene
Concen: 4.888 ng
RT: 12.651 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

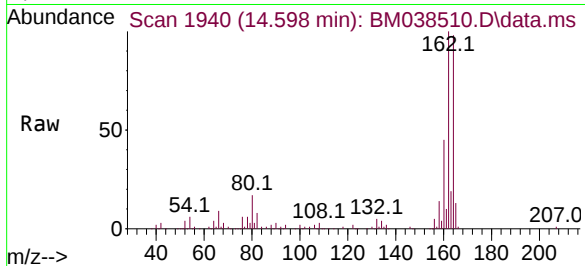
Tgt Ion:142 Resp: 42254
Ion Ratio Lower Upper
142 100
141 89.7 73.4 110.0
116 4.7 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

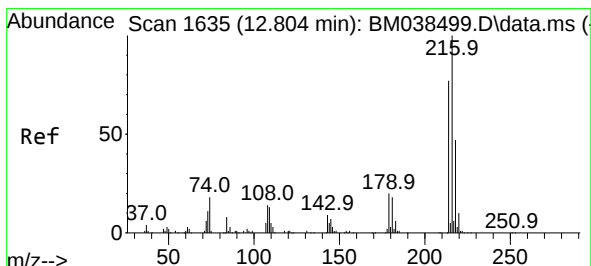
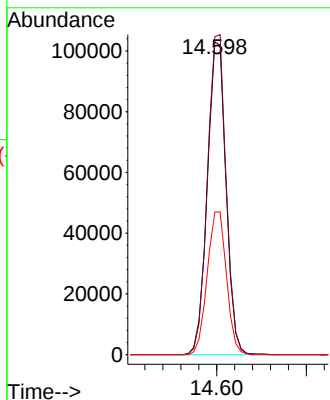
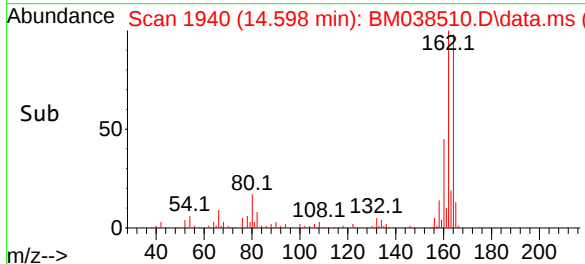
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



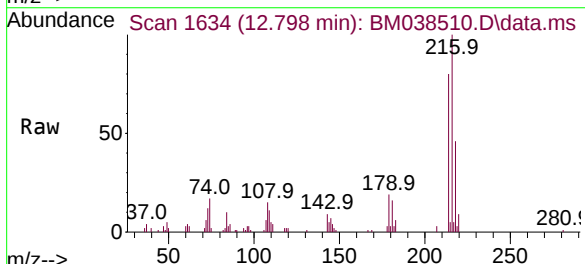
Tgt Ion:164 Resp: 149236
Ion Ratio Lower Upper
164 100
162 101.7 82.0 123.0
160 45.6 35.8 53.6

Manual Integrations
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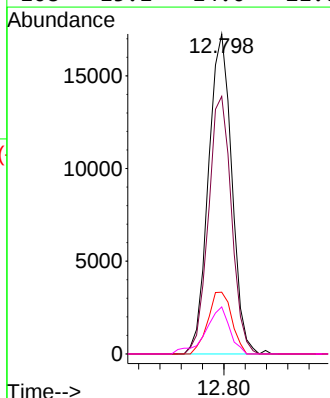
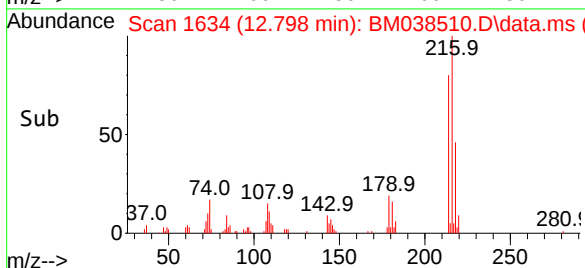
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

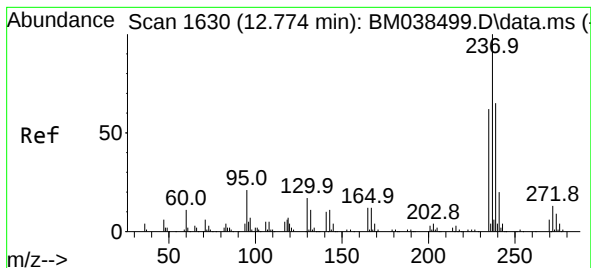


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.682 ng
RT: 12.798 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32



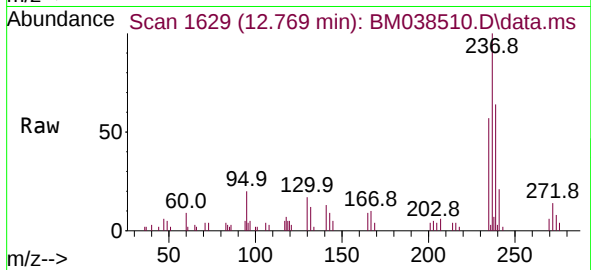
Tgt Ion:216 Resp: 26285
Ion Ratio Lower Upper
216 100
214 79.4 61.4 92.0
179 19.7 15.7 23.5
108 15.1 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 4.298 ng
RT: 12.769 min Scan# 1629
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

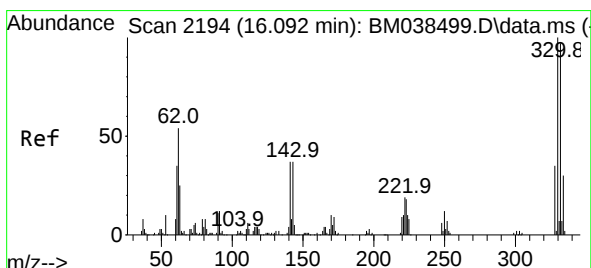
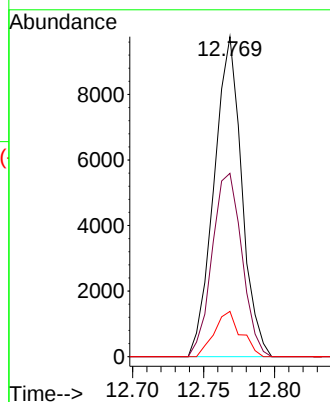
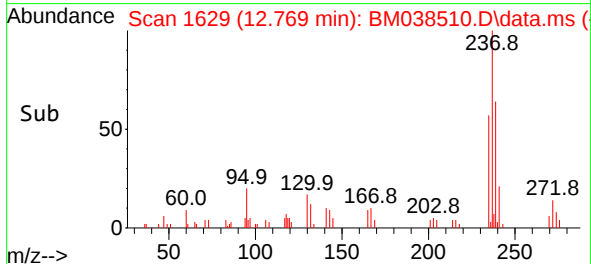
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



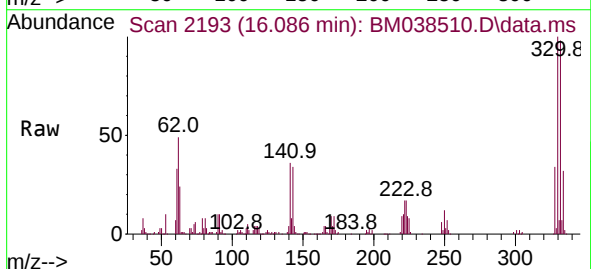
Tgt Ion: 237 Resp: 1326
Ion Ratio Lower Upper
237 100
235 57.3 42.3 82.3
272 14.1 0.0 32.9

Manual Integrations
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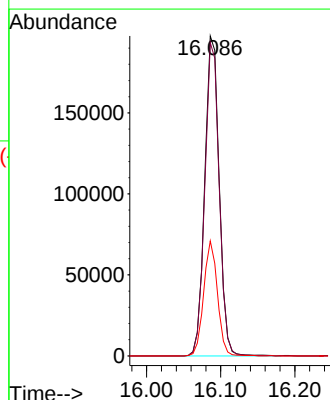
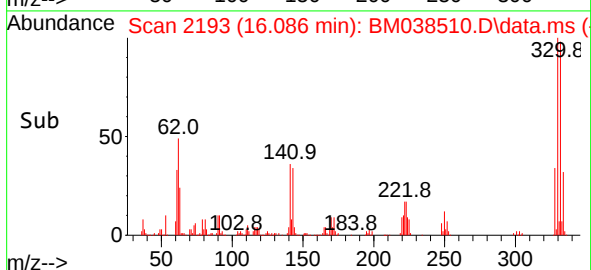
Reviewed By : Christian Giraldo 01/24/2023
Supervised By : Jagrut Upadhyay 01/24/2023

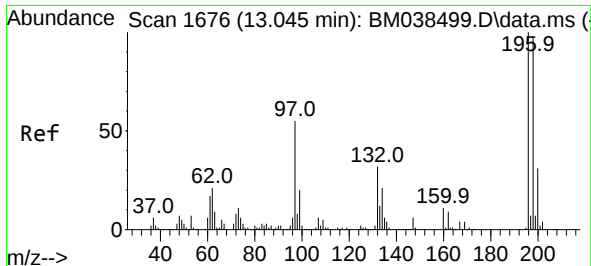


#42
2,4,6-Tribromophenol
Concen: 124.487 ng
RT: 16.086 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32



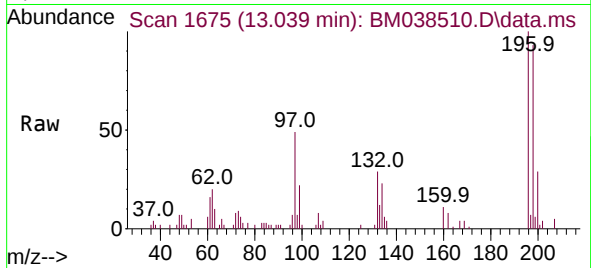
Tgt Ion: 330 Resp: 267527
Ion Ratio Lower Upper
330 100
332 97.1 77.5 116.3
141 34.3 29.0 43.4





#43
2,4,6-Trichlorophenol
Concen: 5.201 ng
RT: 13.039 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

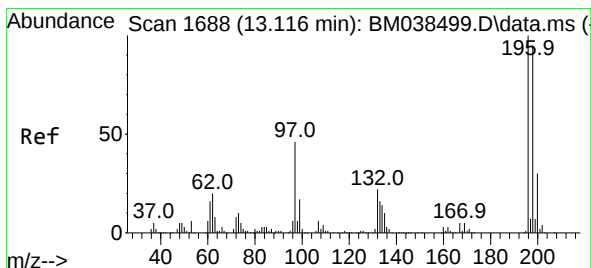
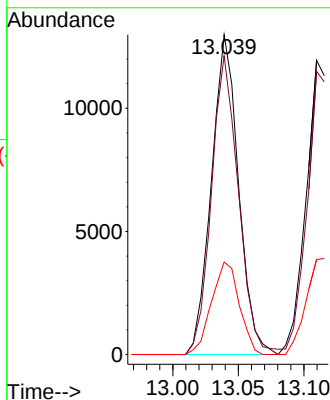
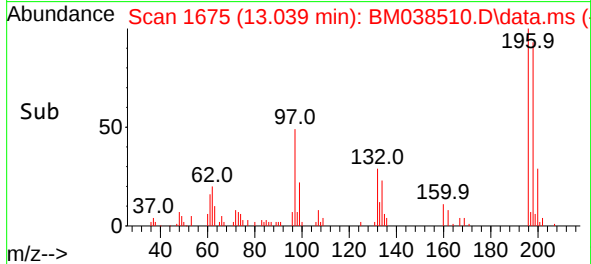
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



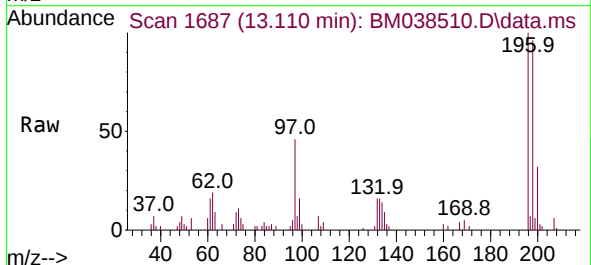
Tgt Ion:196 Resp: 18689
Ion Ratio Lower Upper
196 100
198 93.4 77.9 116.9
200 28.9 24.5 36.7

Manual Integrations
APPROVED

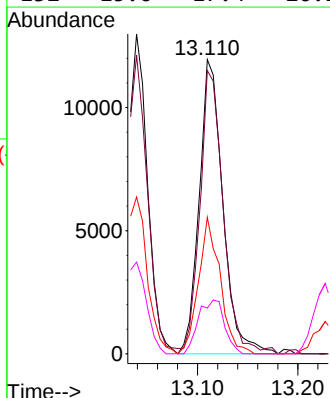
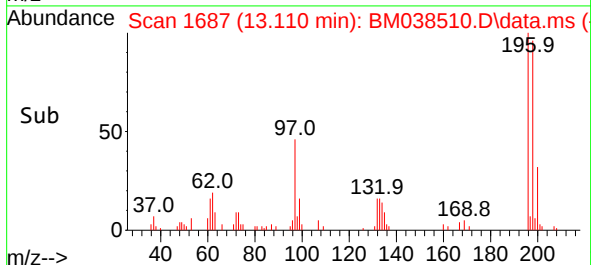
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

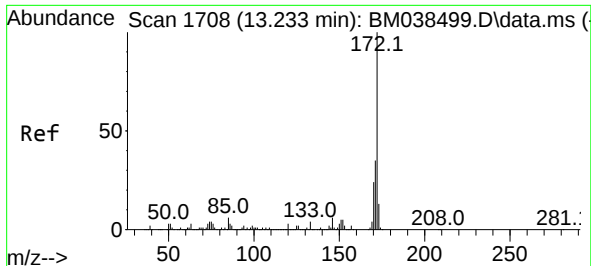


#44
2,4,5-Trichlorophenol
Concen: 4.659 ng
RT: 13.110 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32



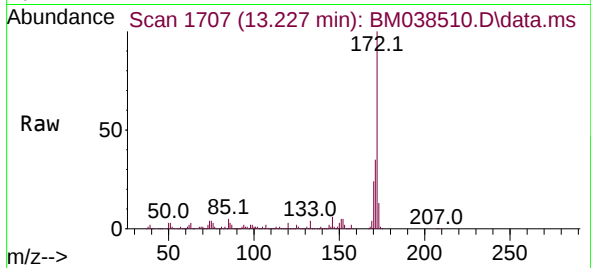
Tgt Ion:196 Resp: 19611
Ion Ratio Lower Upper
196 100
198 96.2 76.0 114.0
97 46.4 36.9 55.3
132 15.6 17.4 26.2#





#45
2-Fluorobiphenyl
Concen: 72.243 ng
RT: 13.227 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

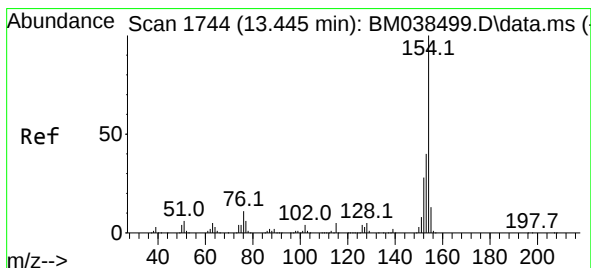
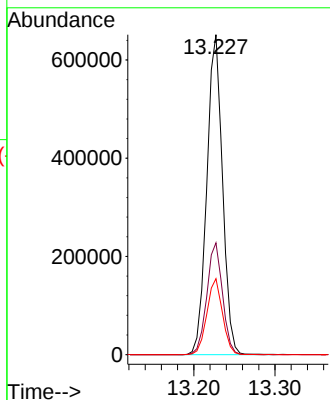
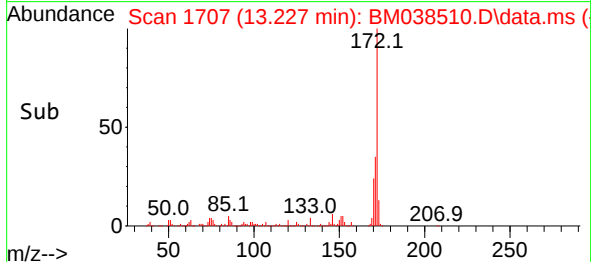
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



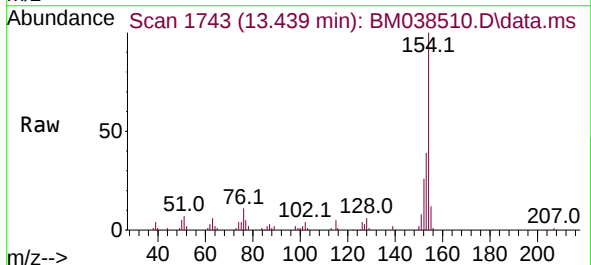
Tgt Ion:172 Resp: 875231
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 23.7 19.5 29.3

Manual Integrations
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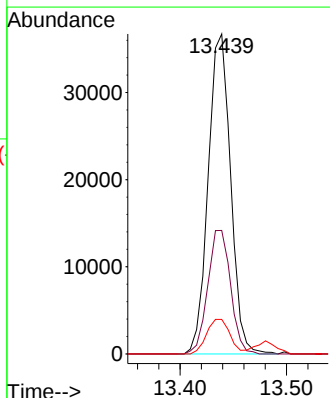
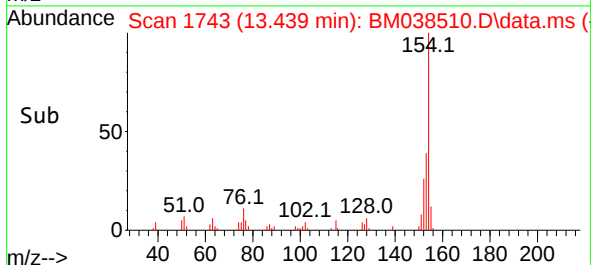
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

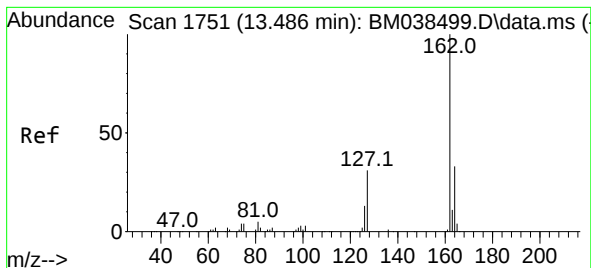


#46
1,1'-Biphenyl
Concen: 4.502 ng
RT: 13.439 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32



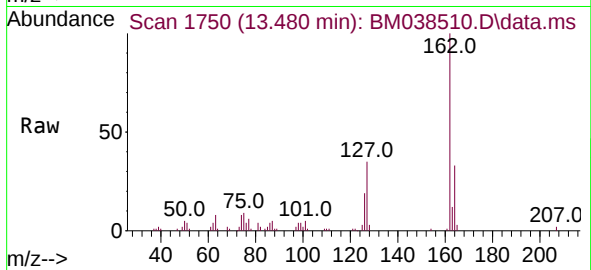
Tgt Ion:154 Resp: 53811
Ion Ratio Lower Upper
154 100
153 38.6 20.1 60.1
76 10.8 0.0 31.3





#47
2-Chloronaphthalene
Concen: 5.337 ng
RT: 13.480 min Scan# 1750
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

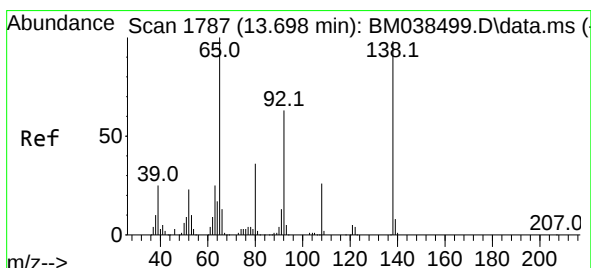
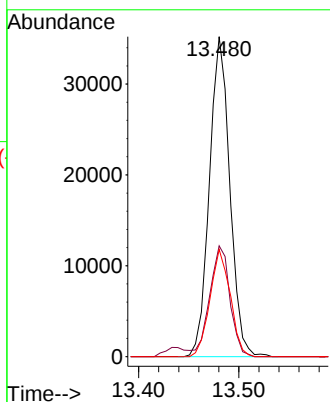
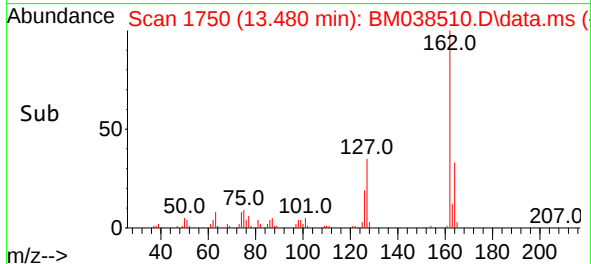
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



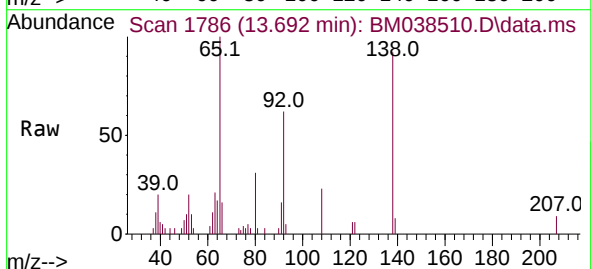
Tgt Ion:162 Resp: 49791
Ion Ratio Lower Upper
162 100
127 34.6 27.4 41.2
164 33.5 26.7 40.1

Manual Integrations
APPROVED

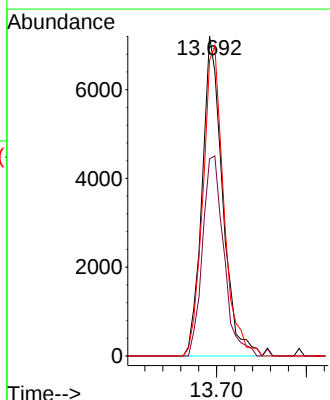
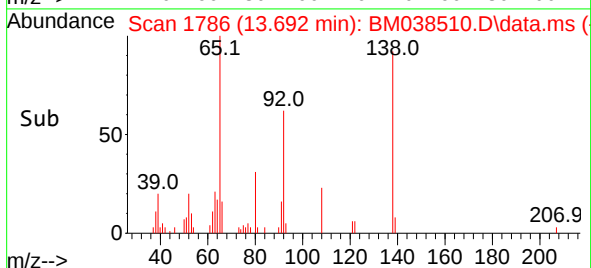
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

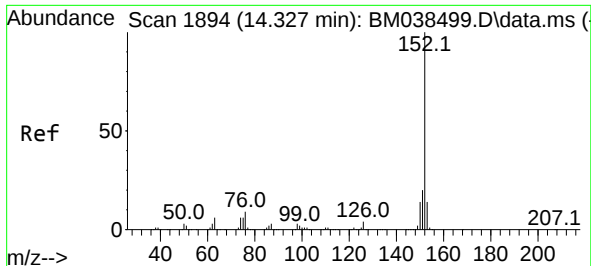


#48
2-Nitroaniline
Concen: 4.180 ng
RT: 13.692 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32



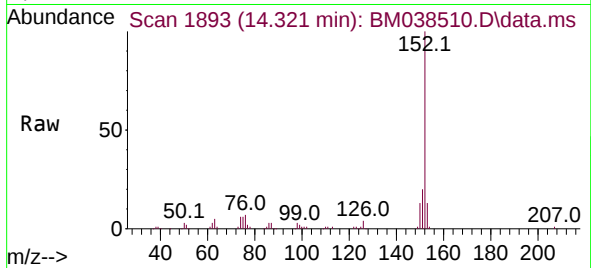
Tgt Ion: 65 Resp: 11454
Ion Ratio Lower Upper
65 100
92 61.6 50.0 75.0
138 92.3 78.2 117.2





#49
Acenaphthylene
Concen: 4.892 ng
RT: 14.321 min Scan# 1893
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

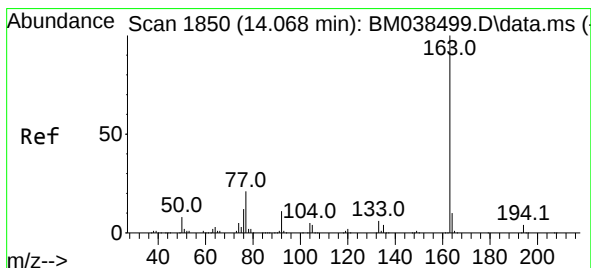
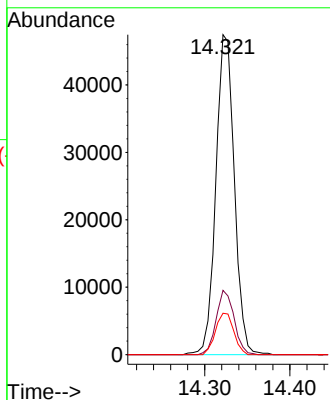
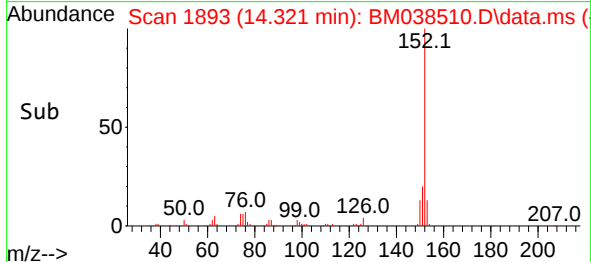
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



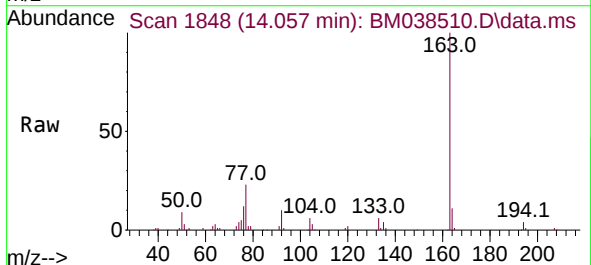
Tgt Ion:152 Resp: 71414
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 12.9 10.8 16.2

Manual Integrations
APPROVED

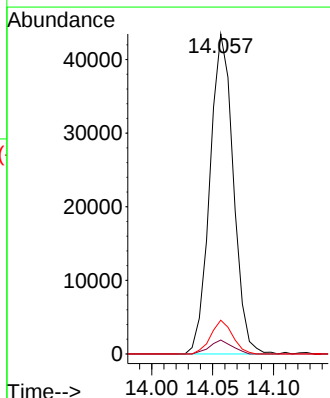
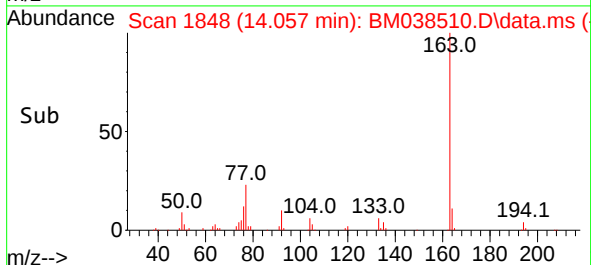
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

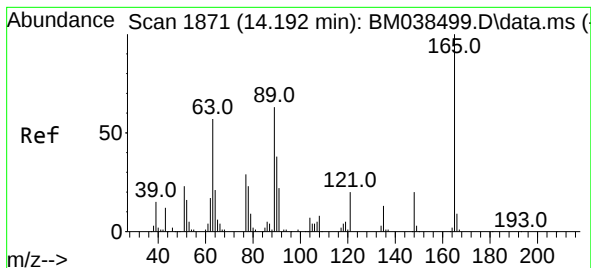


#50
Dimethylphthalate
Concen: 5.064 ng
RT: 14.057 min Scan# 1848
Delta R.T. -0.012 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32



Tgt Ion:163 Resp: 58172
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.5 8.0 12.0





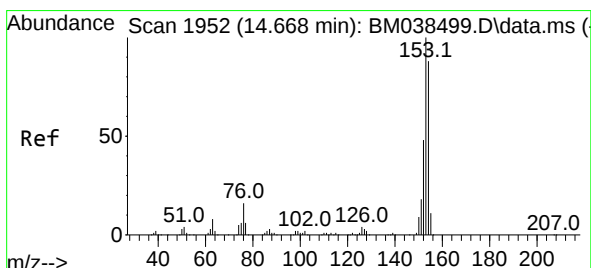
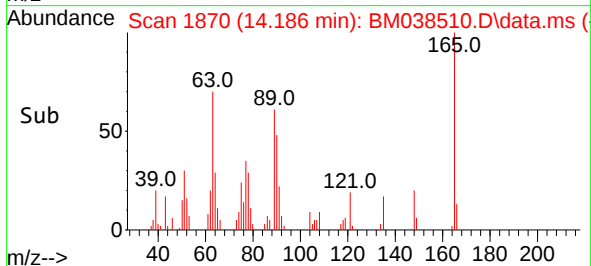
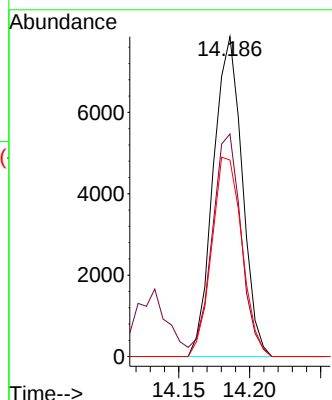
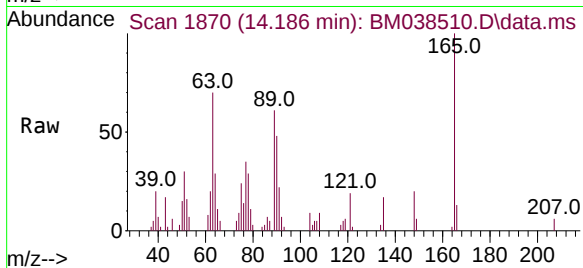
#51
2,6-Dinitrotoluene
Concen: 4.605 ng
RT: 14.186 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion:165 Resp: 11132
Ion Ratio Lower Upper
165 100
63 69.6 51.0 76.4
89 61.4 50.2 75.4

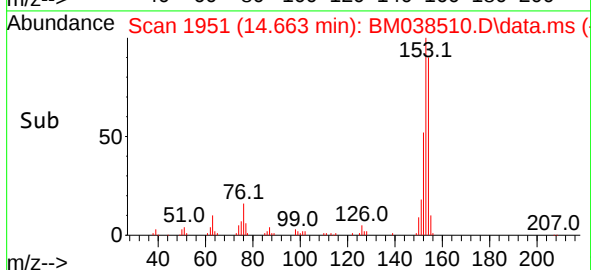
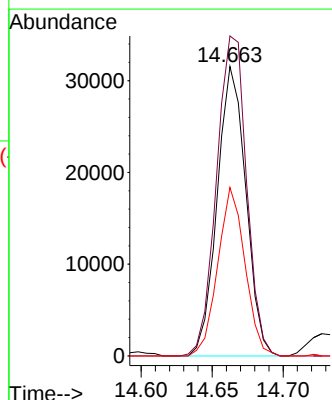
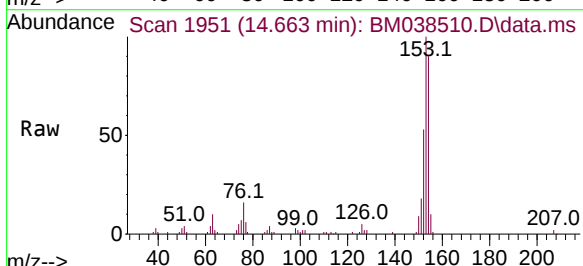
Manual Integrations
APPROVED

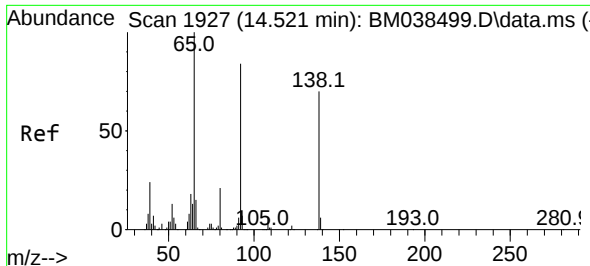
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#52
Acenaphthene
Concen: 4.978 ng
RT: 14.663 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

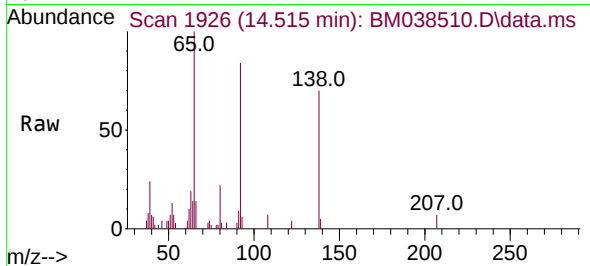
Tgt Ion:154 Resp: 44314
Ion Ratio Lower Upper
154 100
153 110.6 90.7 136.1
152 58.2 43.8 65.8





#53
3-Nitroaniline
Concen: 4.007 ng
RT: 14.515 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

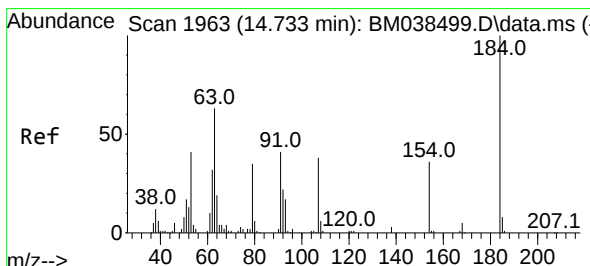
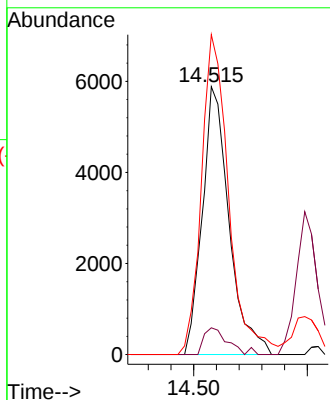
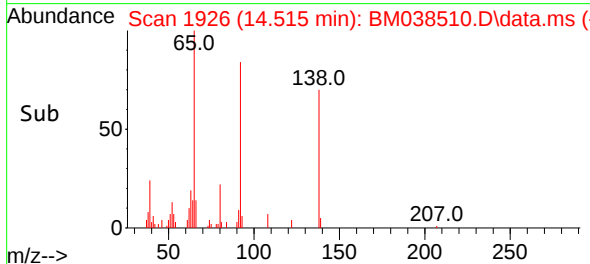
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



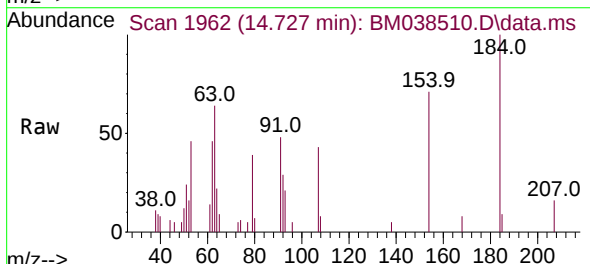
Tgt Ion:138 Resp: 962
Ion Ratio Lower Upper
138 100
108 10.0 7.0 10.4
92 119.4 95.7 143.5

Manual Integrations
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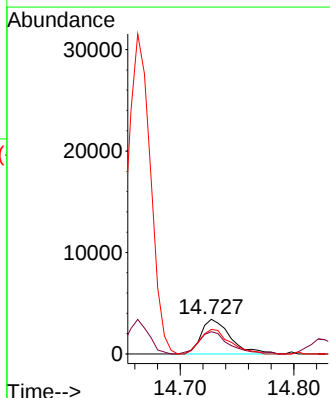
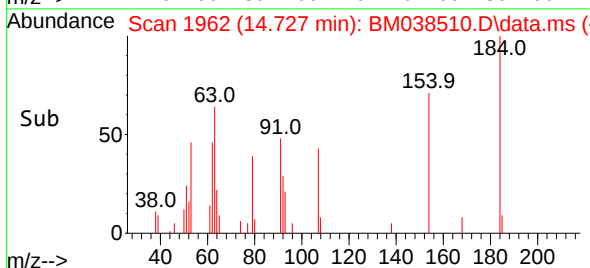
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

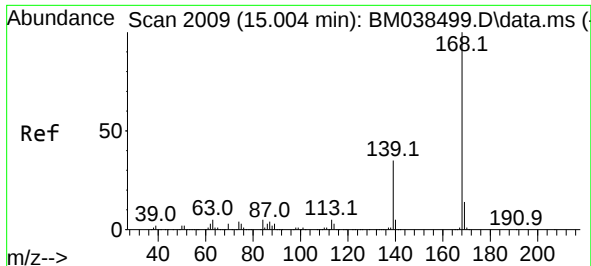


#54
2,4-Dinitrophenol
Concen: 7.884 ng
RT: 14.727 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32



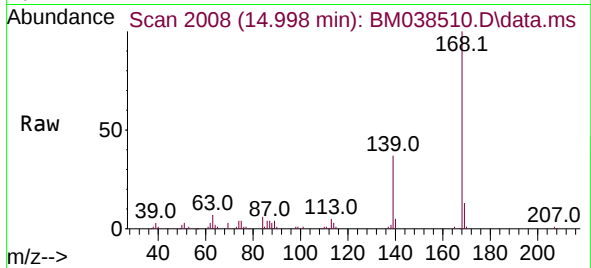
Tgt Ion:184 Resp: 6078
Ion Ratio Lower Upper
184 100
63 64.1 52.2 78.4
154 70.6 48.9 73.3





#55
Dibenzofuran
Concen: 5.219 ng
RT: 14.998 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

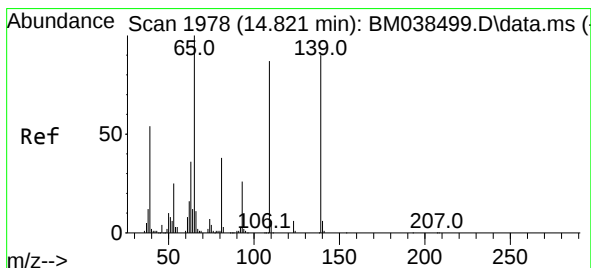
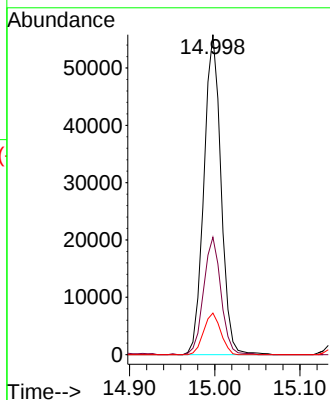
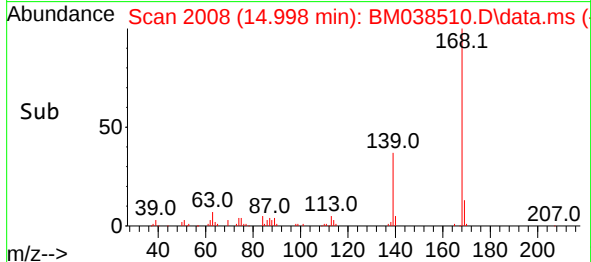
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:168 Resp: 77682
Ion Ratio Lower Upper
168 100
139 36.7 27.9 41.9
169 13.0 11.0 16.6

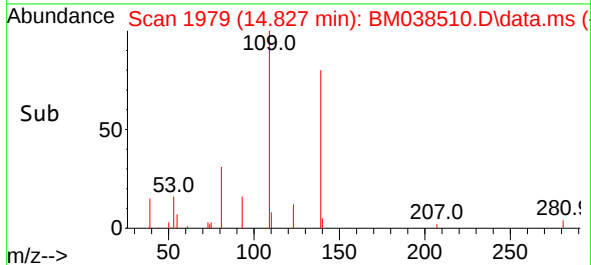
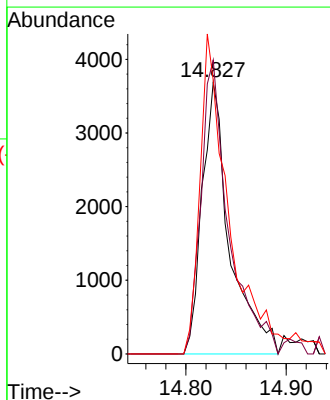
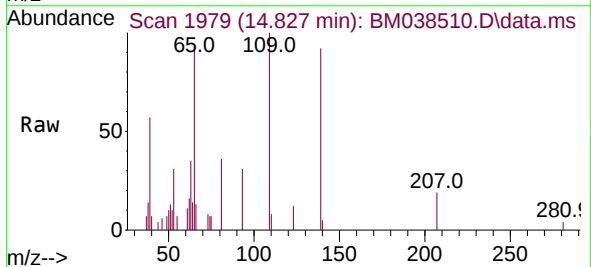
Manual Integrations
APPROVED

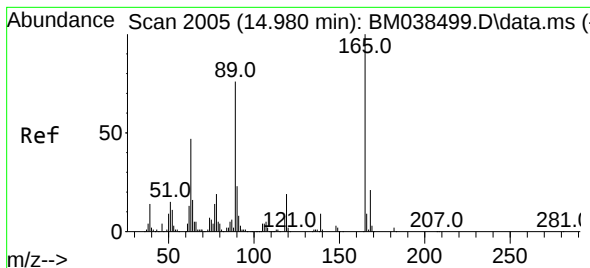
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#56
4-Nitrophenol
Concen: 3.567 ng
RT: 14.827 min Scan# 1979
Delta R.T. 0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

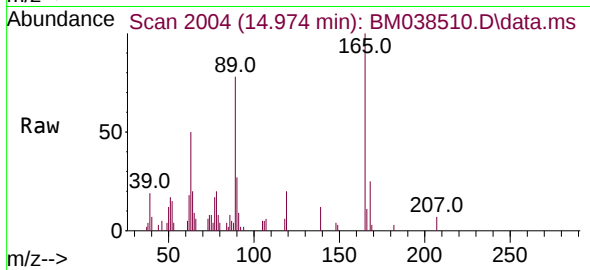
Tgt Ion:139 Resp: 7057
Ion Ratio Lower Upper
139 100
109 108.2 76.8 116.8
65 100.7 91.7 131.7





#57
2,4-Dinitrotoluene
Concen: 4.204 ng
RT: 14.974 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

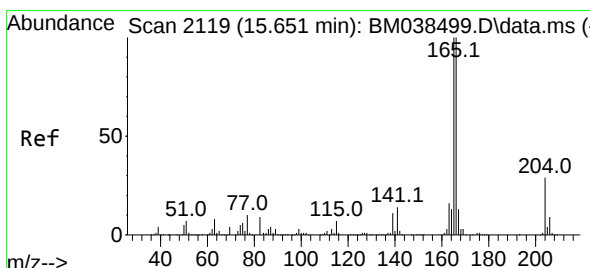
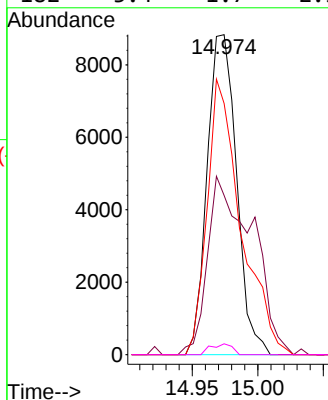
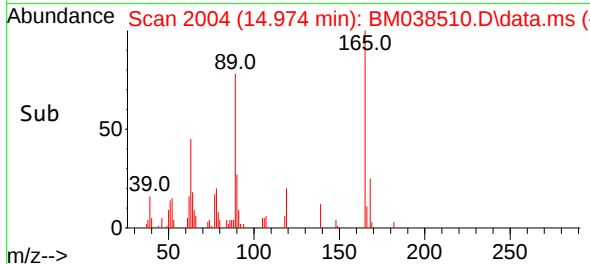
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:165 Resp: 13778
Ion Ratio Lower Upper
165 100
63 49.7 37.8 56.8
89 78.5 60.9 91.3
182 3.4 1.7 2.5#

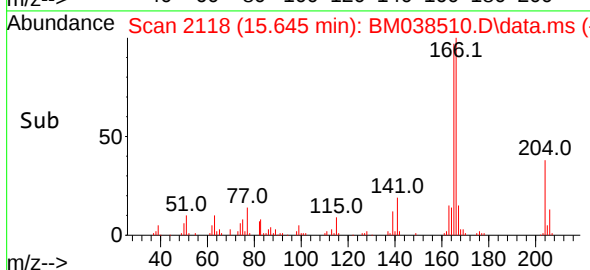
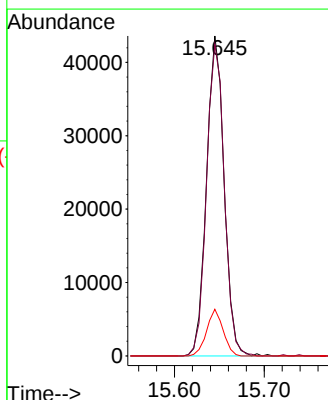
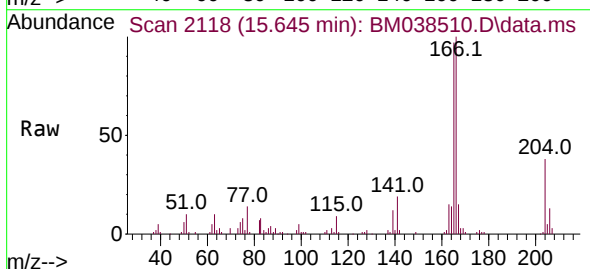
Manual Integrations
APPROVED

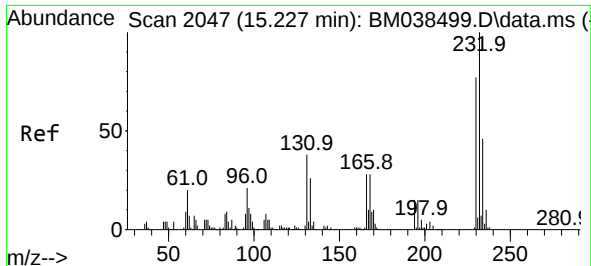
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#58
Fluorene
Concen: 4.919 ng
RT: 15.645 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

Tgt Ion:166 Resp: 59365
Ion Ratio Lower Upper
166 100
165 97.4 79.6 119.4
167 14.6 10.5 15.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 4.878 ng

RT: 15.227 min Scan# 2047

Delta R.T. 0.000 min

Lab File: BM038510.D

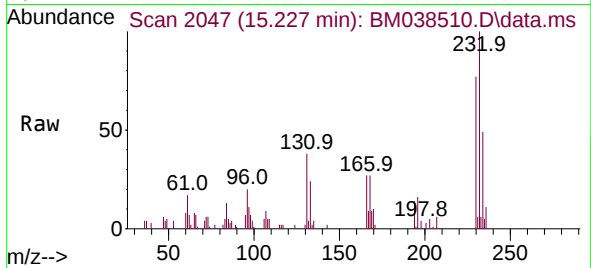
Acq: 23 Jan 2023 15:32

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2022



Tgt Ion:232 Resp: 16782

Ion Ratio Lower Upper

232 100

131 37.7 31.0 46.4

130 1.3 1.8 2.6

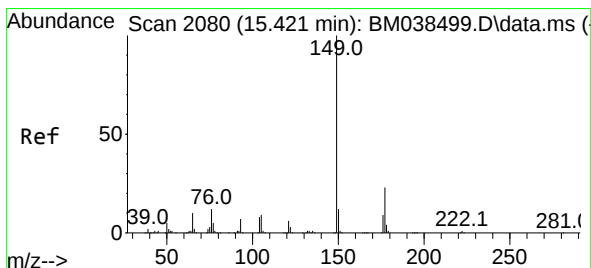
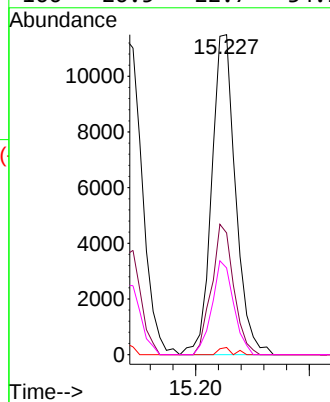
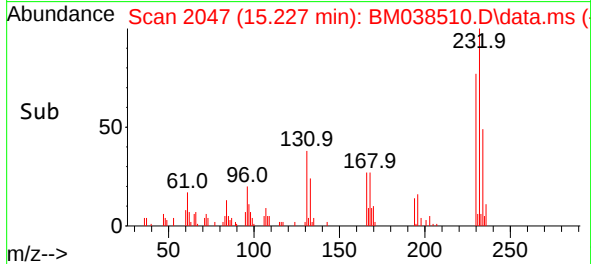
166 26.5 22.7 34.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#60

Diethylphthalate

Concen: 4.946 ng

RT: 15.415 min Scan# 2079

Delta R.T. -0.006 min

Lab File: BM038510.D

Acq: 23 Jan 2023 15:32

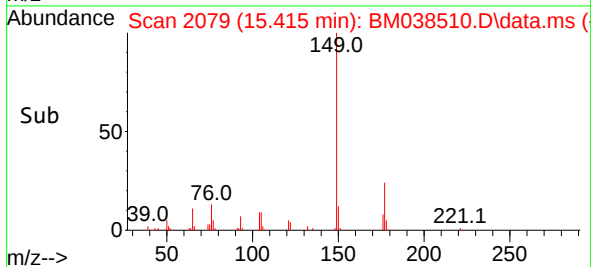
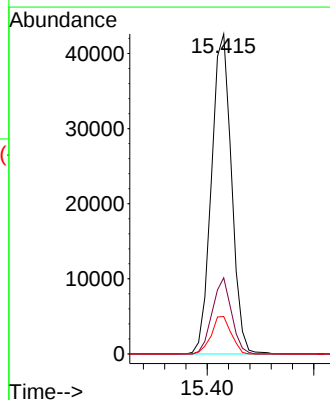
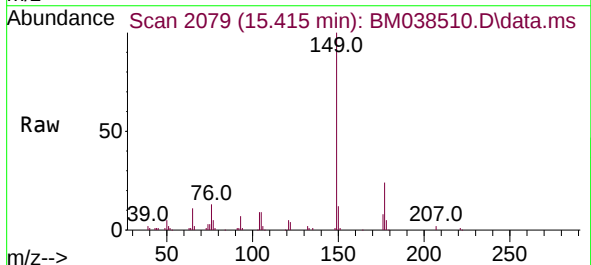
Tgt Ion:149 Resp: 55645

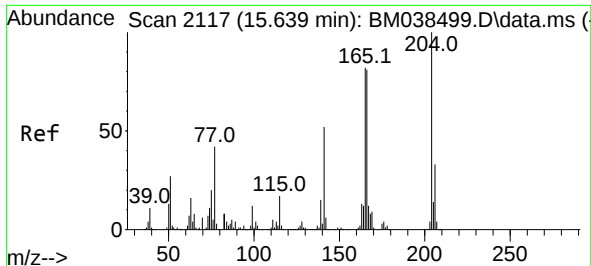
Ion Ratio Lower Upper

149 100

177 23.8 18.6 27.8

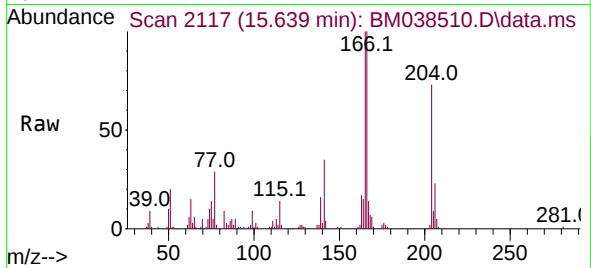
150 11.7 9.5 14.3





#61
4-Chlorophenyl-phenylether
Concen: 5.147 ng
RT: 15.639 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

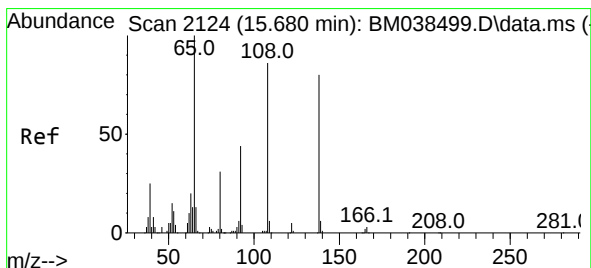
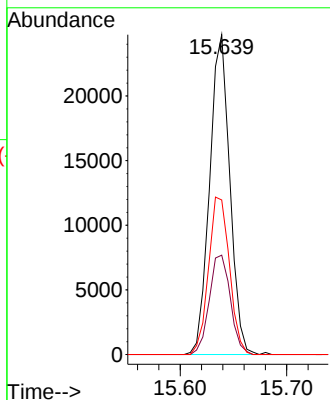
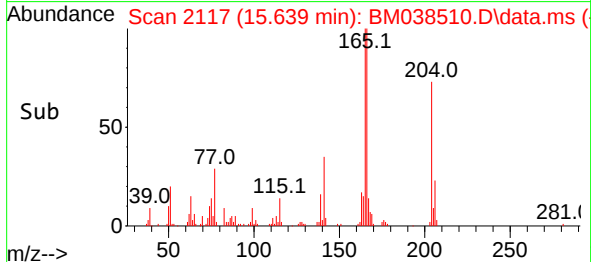
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



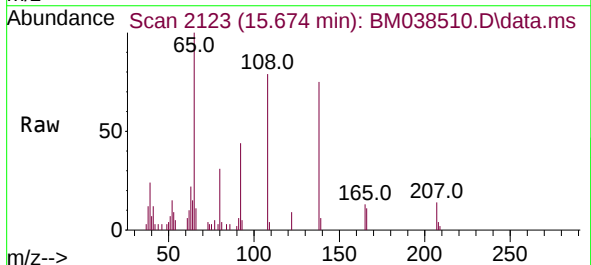
Tgt Ion:204 Resp: 3261
Ion Ratio Lower Upper
204 100
206 31.1 26.2 39.4
141 48.3 41.5 62.3

Manual Integrations
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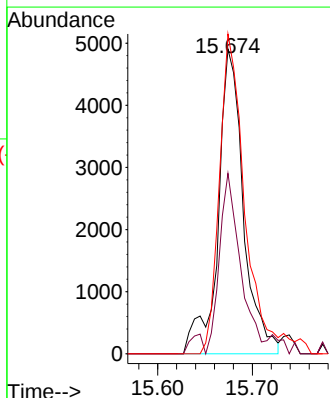
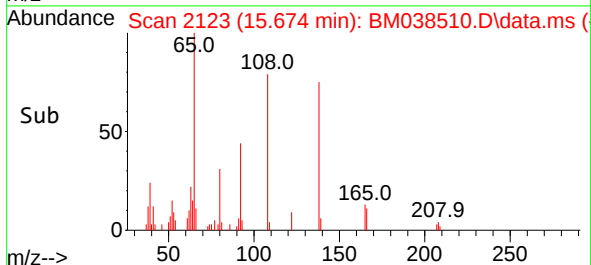
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

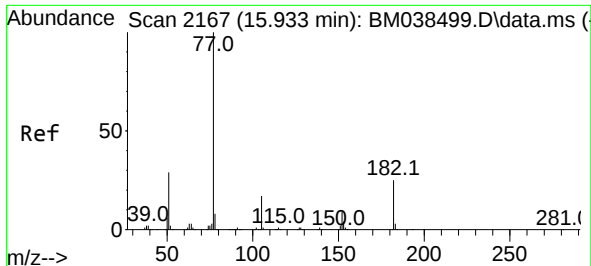


#62
4-Nitroaniline
Concen: 6.465 ng
RT: 15.674 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32



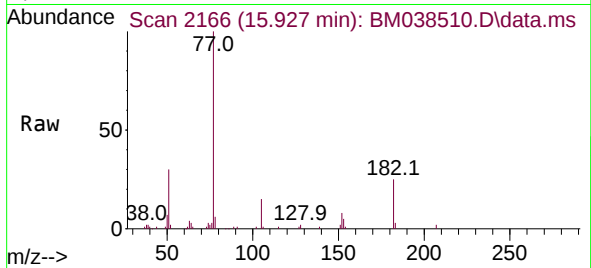
Tgt Ion:138 Resp: 9122
Ion Ratio Lower Upper
138 100
92 59.3 35.2 75.2
108 105.0 87.3 127.3





#63
Azobenzene
Concen: 4.624 ng
RT: 15.927 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

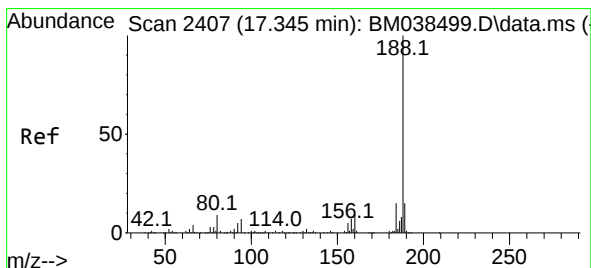
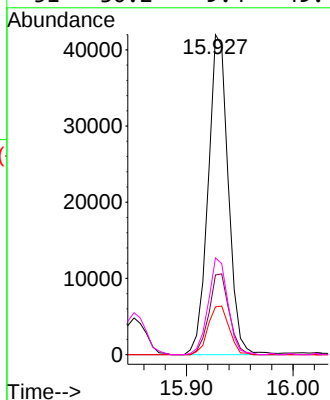
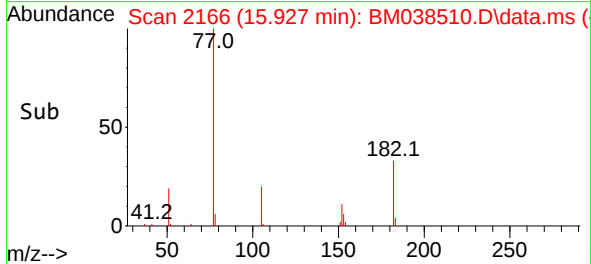
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.9	4.7	44.7
105	14.9	0.0	36.7
51	30.2	9.4	49.4

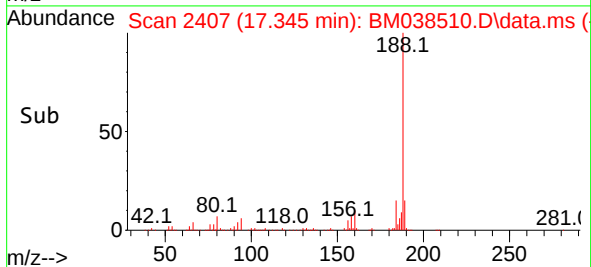
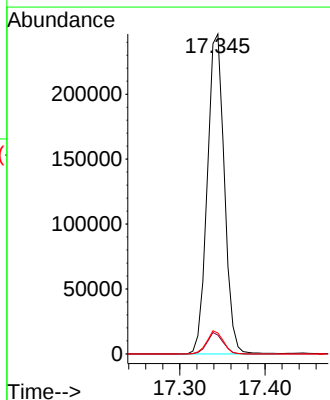
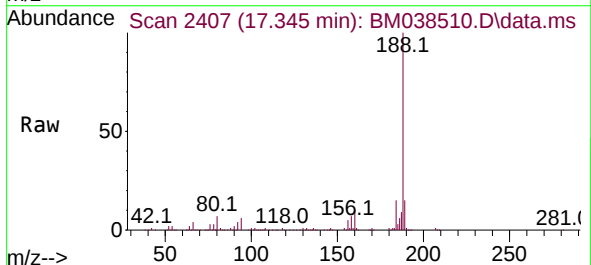
Manual Integrations
APPROVED

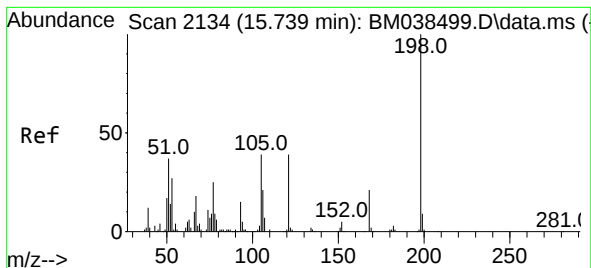
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.345 min Scan# 2407
Delta R.T. 0.000 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

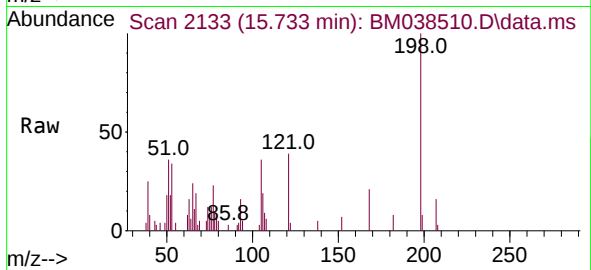
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.9	6.0	9.0#
80	6.5	6.9	10.3#





#65
4,6-Dinitro-2-methylphenol
Concen: 3.982 ng
RT: 15.733 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

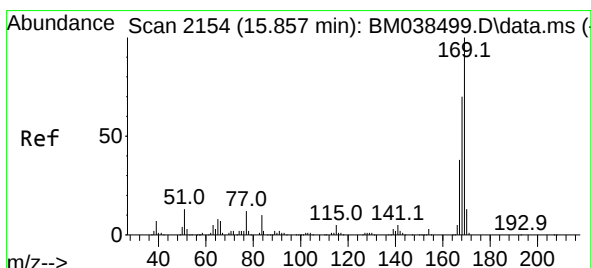
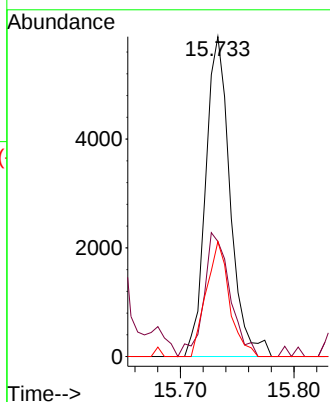
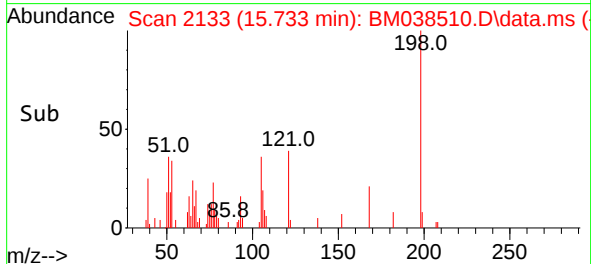
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



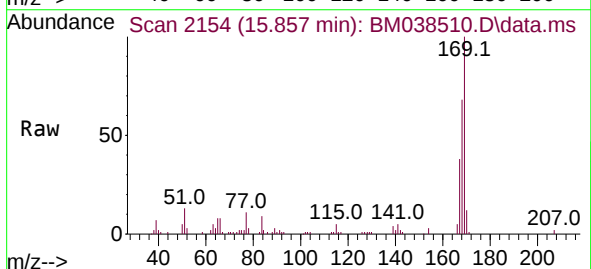
Tgt Ion:198 Resp: 8825
Ion Ratio Lower Upper
198 100
51 36.0 18.8 58.8
105 35.9 19.7 59.7

Manual Integrations
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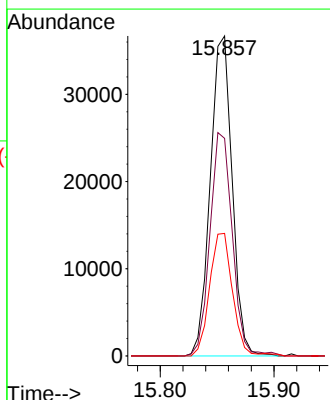
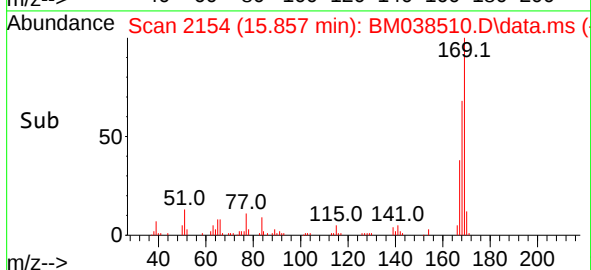
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

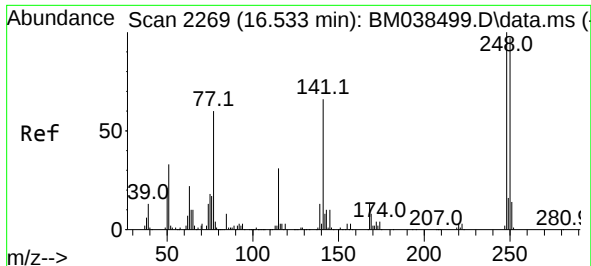


#66
n-Nitrosodiphenylamine
Concen: 4.789 ng
RT: 15.857 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32



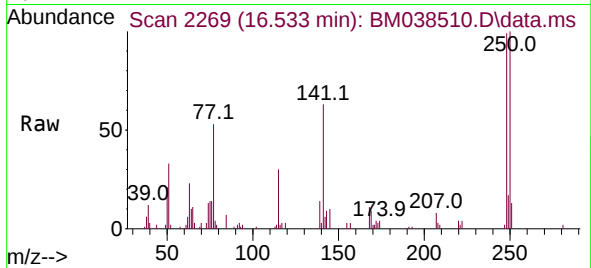
Tgt Ion:169 Resp: 49093
Ion Ratio Lower Upper
169 100
168 68.0 55.8 83.8
167 38.3 30.3 45.5





#67
4-Bromophenyl-phenylether
Concen: 5.171 ng
RT: 16.533 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

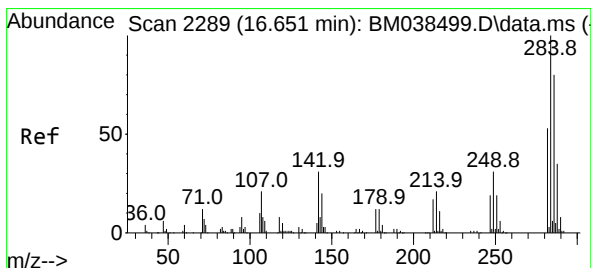
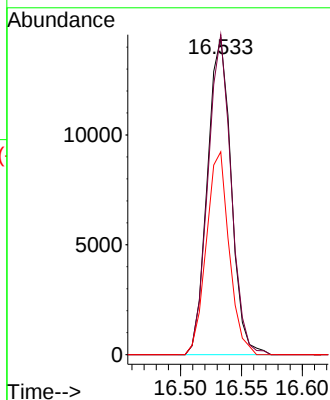
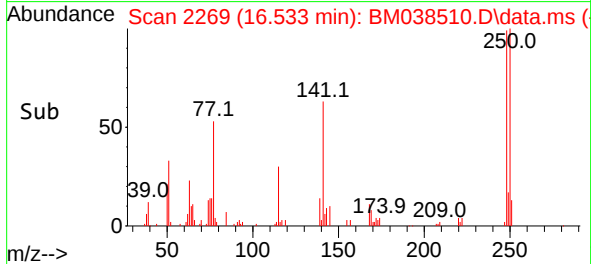
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:248 Resp: 19586
Ion Ratio Lower Upper
248 100
250 100.9 77.6 116.4
141 63.9 52.5 78.7

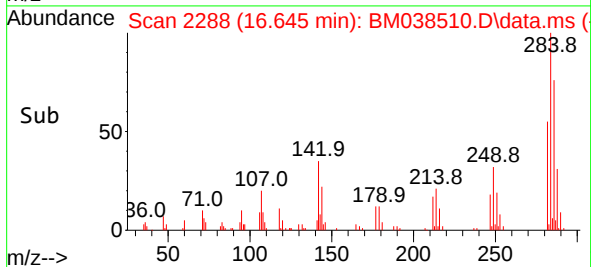
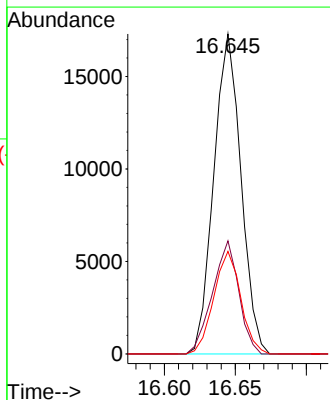
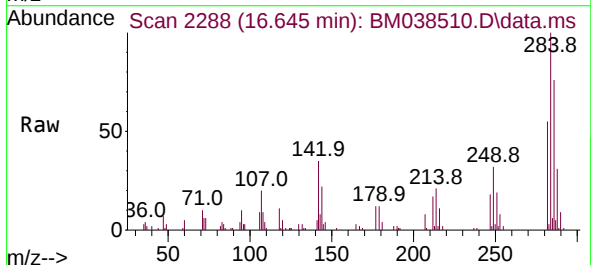
Manual Integrations
APPROVED

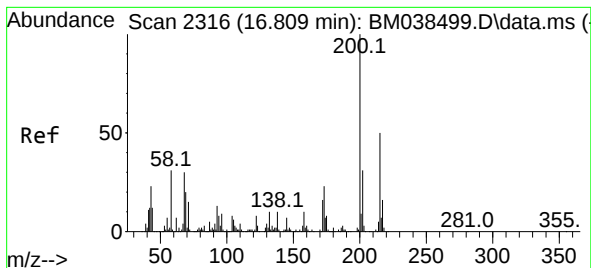
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#68
Hexachlorobenzene
Concen: 5.620 ng
RT: 16.645 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

Tgt Ion:284 Resp: 22971
Ion Ratio Lower Upper
284 100
142 35.3 25.2 37.8
249 32.0 24.4 36.6





#69

Atrazine

Concen: 4.359 ng

RT: 16.804 min Scan# 2316

Delta R.T. -0.006 min

Lab File: BM038510.D

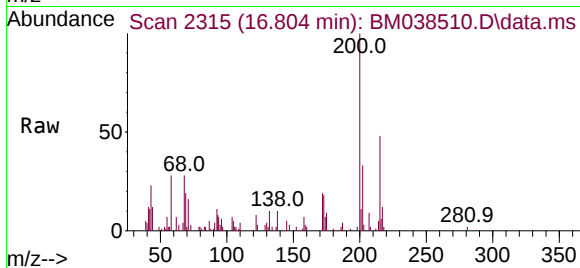
Acq: 23 Jan 2023 15:32

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2022



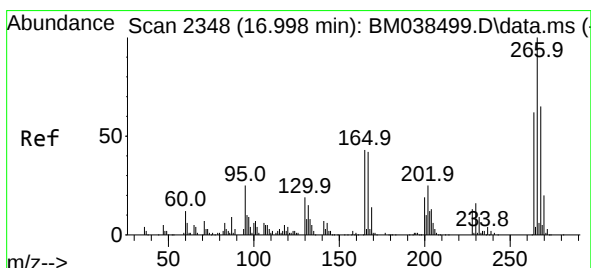
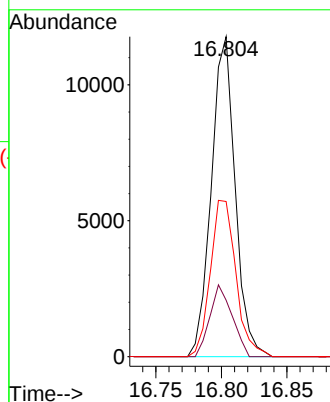
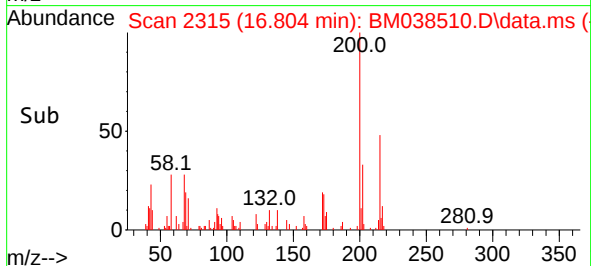
Tgt Ion:	200	Resp:	14906
Ion Ratio	Lower	Upper	
200	100		
173	17.6	3.5	43.5
215	48.5	30.0	70.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#70

Pentachlorophenol

Concen: 4.269 ng

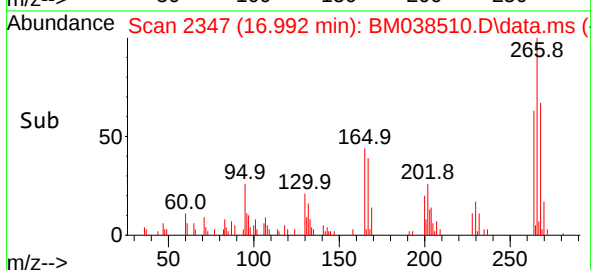
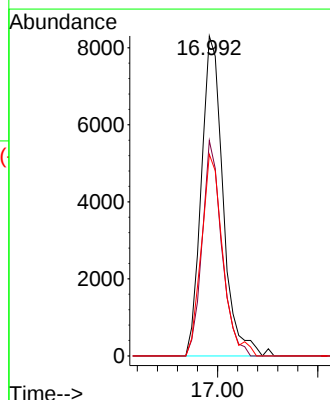
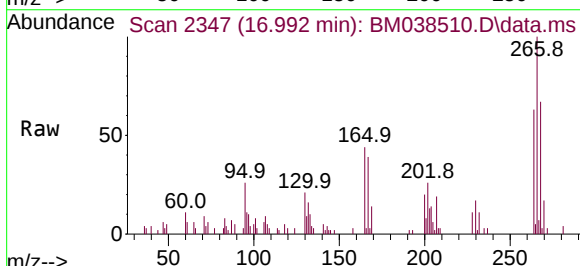
RT: 16.992 min Scan# 2347

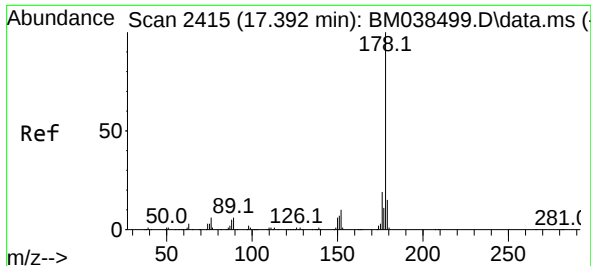
Delta R.T. -0.006 min

Lab File: BM038510.D

Acq: 23 Jan 2023 15:32

Tgt Ion:	266	Resp:	12423
Ion Ratio	Lower	Upper	
266	100		
268	70.4	51.7	77.5
264	63.0	49.4	74.0





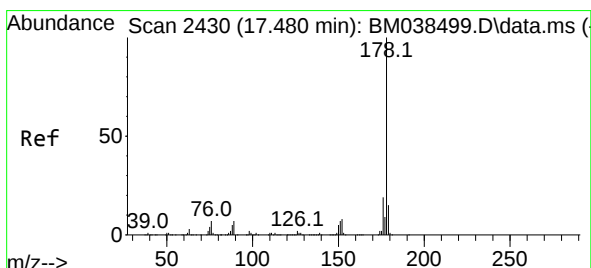
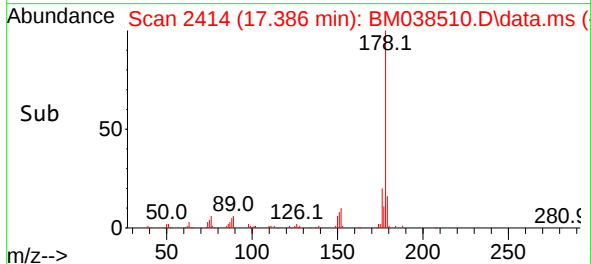
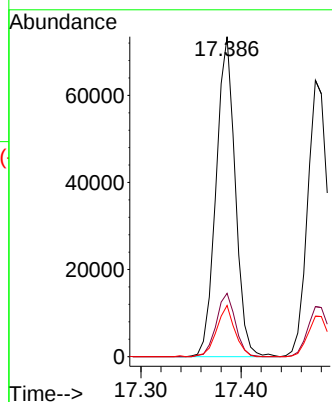
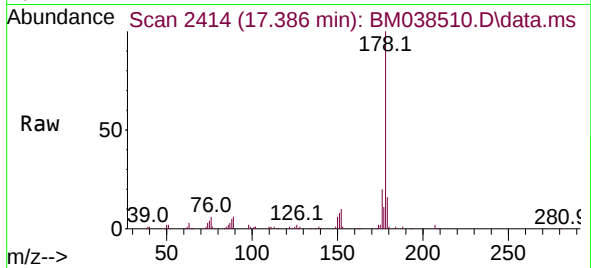
#71
Phenanthrene
Concen: 5.111 ng
RT: 17.386 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion:178 Resp: 97466
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.2
179 16.0 12.2 18.4

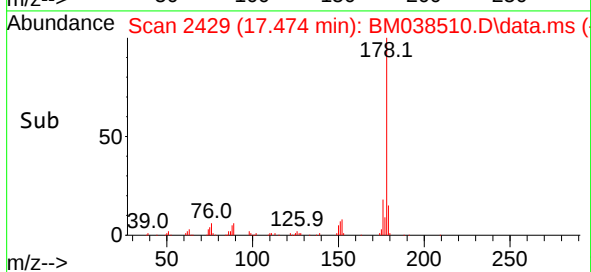
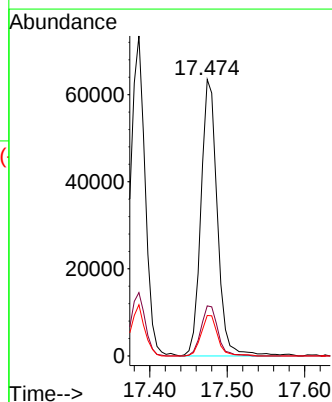
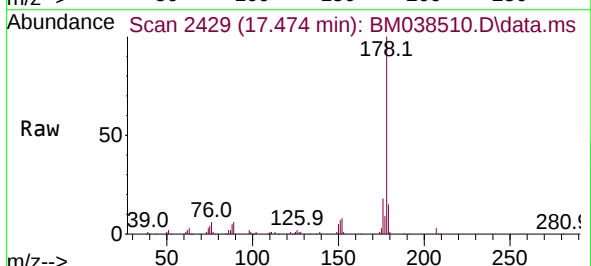
Manual Integrations
APPROVED

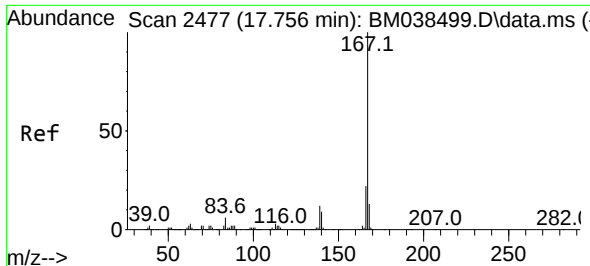
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#72
Anthracene
Concen: 4.801 ng
RT: 17.474 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

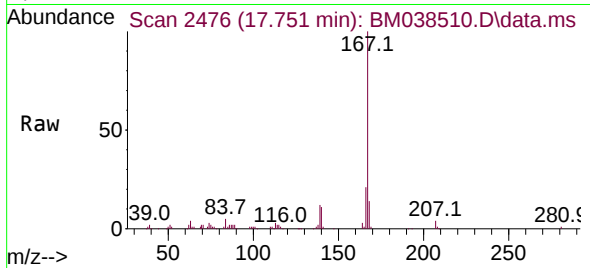
Tgt Ion:178 Resp: 93157
Ion Ratio Lower Upper
178 100
176 18.1 15.0 22.6
179 14.6 12.2 18.4





#73
 Carbazole
 Concen: 4.824 ng
 RT: 17.751 min Scan# 2476
 Delta R.T. -0.006 min
 Lab File: BM038510.D
 Acq: 23 Jan 2023 15:32

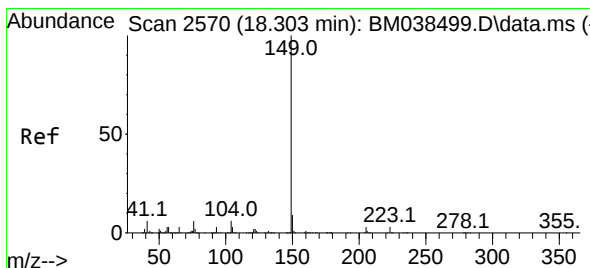
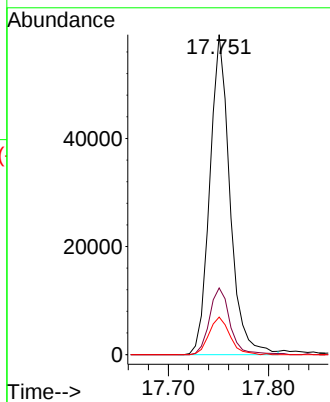
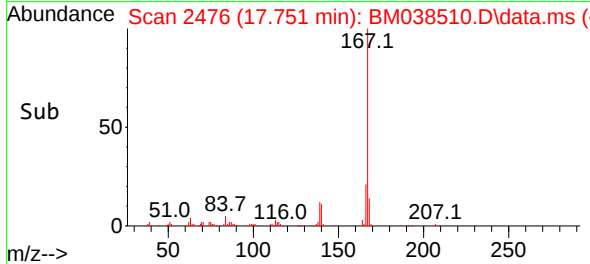
Instrument : BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT4-2022



Tgt Ion:167 Resp: 82435
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.7 26.5
 139 11.7 9.4 14.0

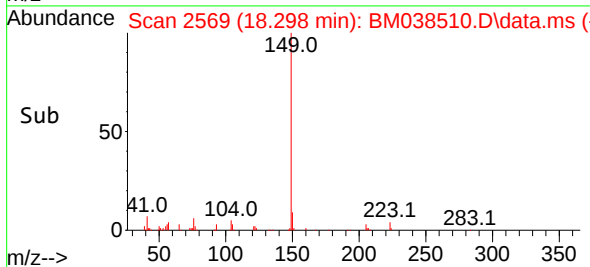
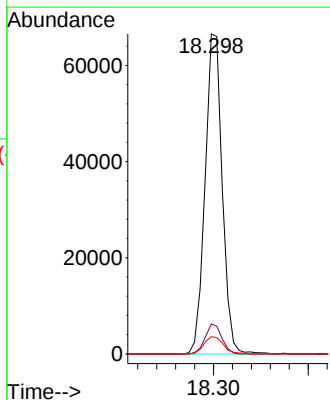
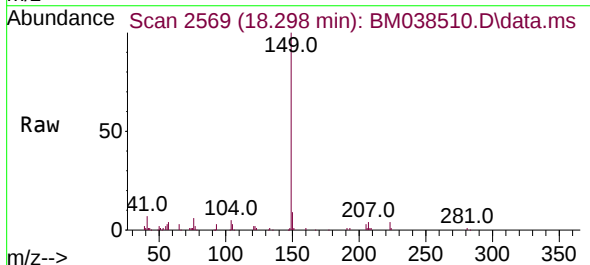
Manual Integrations
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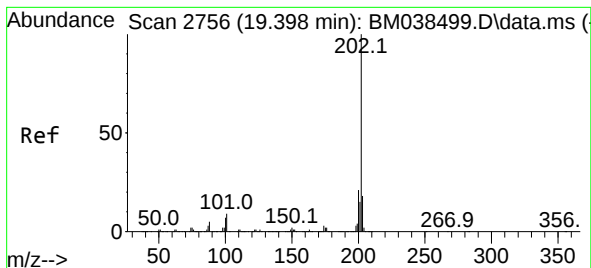
Reviewed By :Christian Giraldo 01/24/2023
 Supervised By :Jagrut Upadhyay 01/24/2023



#74
 Di-n-butylphthalate
 Concen: 4.465 ng
 RT: 18.298 min Scan# 2569
 Delta R.T. -0.006 min
 Lab File: BM038510.D
 Acq: 23 Jan 2023 15:32

Tgt Ion:149 Resp: 83828
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.4 4.6 6.8





#75

Fluoranthene

Concen: 5.069 ng

RT: 19.398 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038510.D

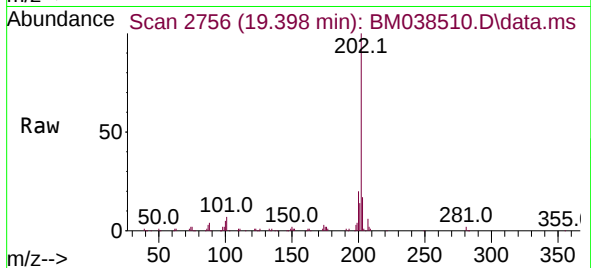
Acq: 23 Jan 2023 15:32

Instrument :

BNA_M

ClientSampleId :

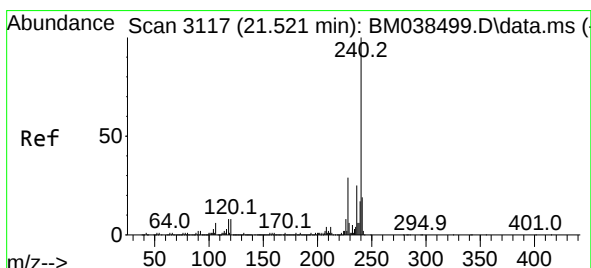
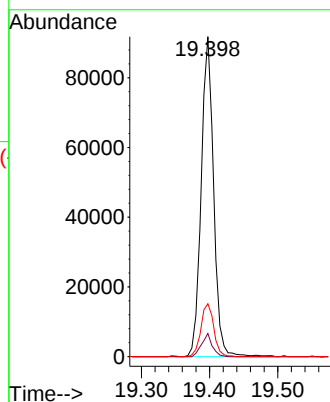
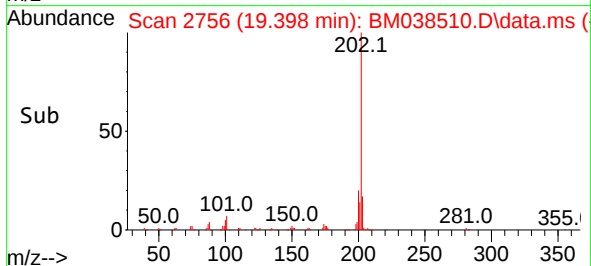
LOQ-WATER-02-QT4-2022



Tgt Ion:	202	Resp:	116163
Ion Ratio	Lower	Upper	
202	100		
101	7.2	0.0	28.7
203	16.5	0.0	37.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#76

Chrysene-d12

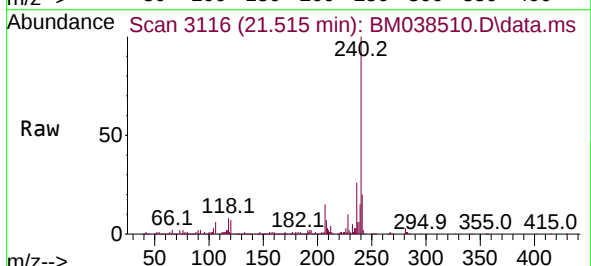
Concen: 20.000 ng

RT: 21.515 min Scan# 3116

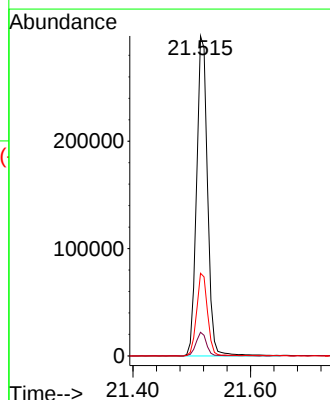
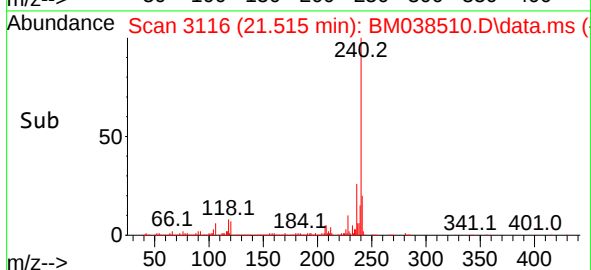
Delta R.T. -0.006 min

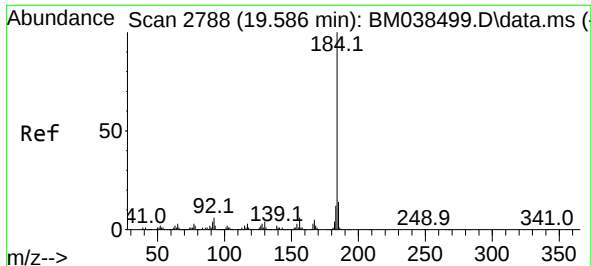
Lab File: BM038510.D

Acq: 23 Jan 2023 15:32



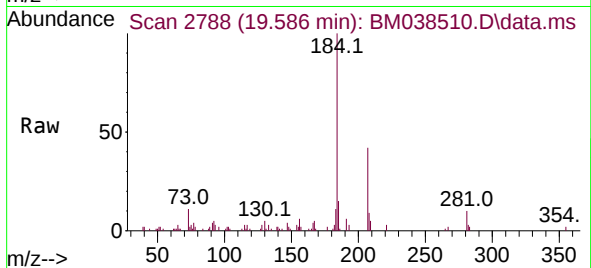
Tgt Ion:	240	Resp:	384208
Ion Ratio	Lower	Upper	
240	100		
120	7.4	6.2	9.2
236	25.8	20.2	30.2





#77
Benzidine
Concen: 3.452 ng
RT: 19.586 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

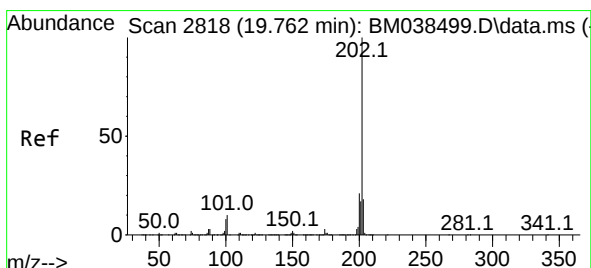
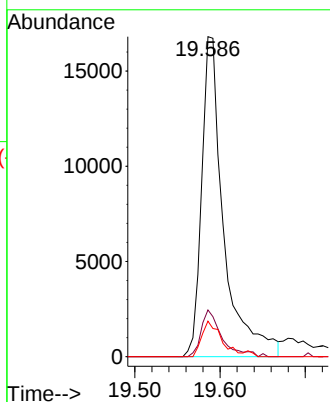
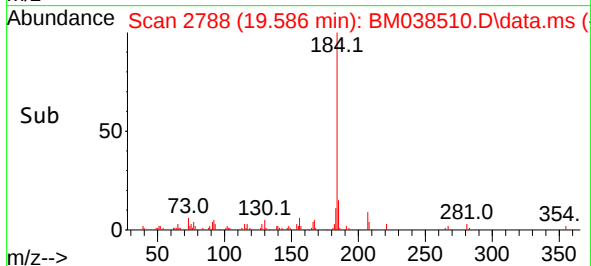
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:184 Resp: 3022
Ion Ratio Lower Upper
184 100
185 14.6 10.9 16.3
183 11.1 9.3 13.9

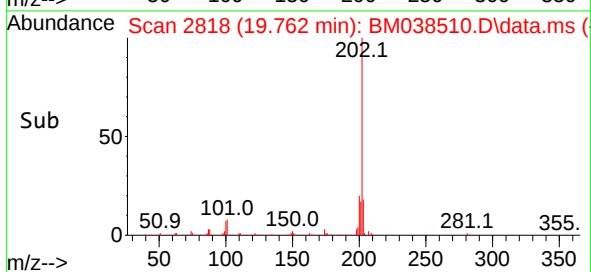
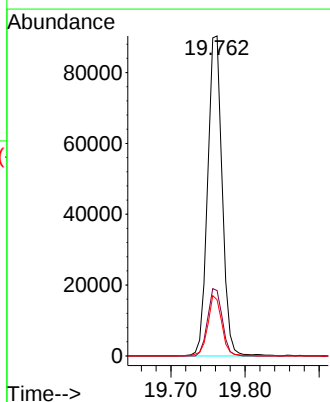
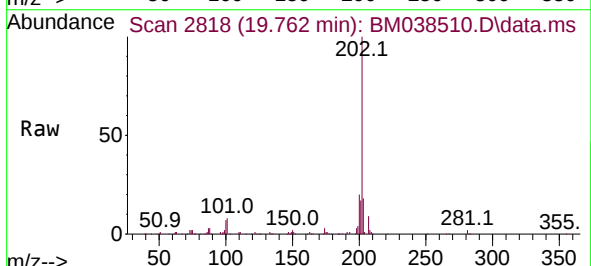
Manual Integrations
APPROVED

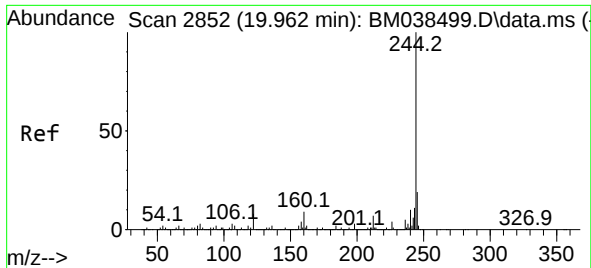
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#78
Pyrene
Concen: 4.590 ng
RT: 19.762 min Scan# 2818
Delta R.T. 0.000 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

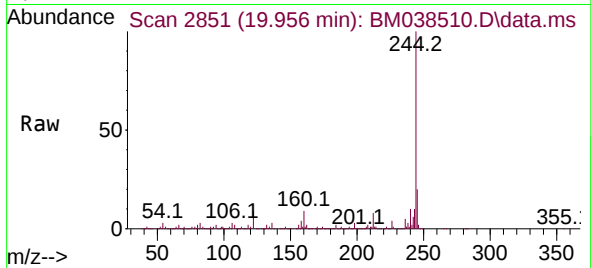
Tgt Ion:202 Resp: 122786
Ion Ratio Lower Upper
202 100
200 20.4 17.0 25.4
203 17.5 14.2 21.2





#79
 Terphenyl-d14
 Concen: 70.030 ng
 RT: 19.956 min Scan# 2851
 Delta R.T. -0.006 min
 Lab File: BM038510.D
 Acq: 23 Jan 2023 15:32

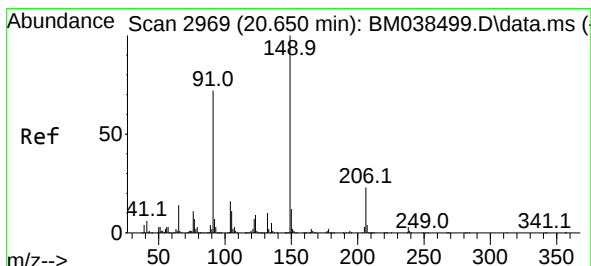
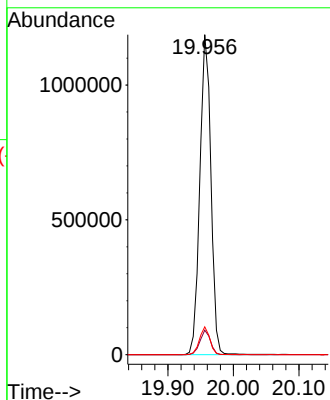
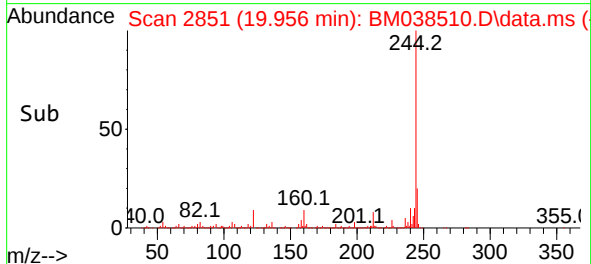
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT4-2022



Tgt Ion:244 Resp: 1380137
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 8.7 6.7 10.1

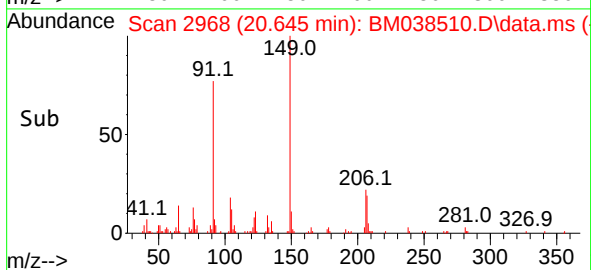
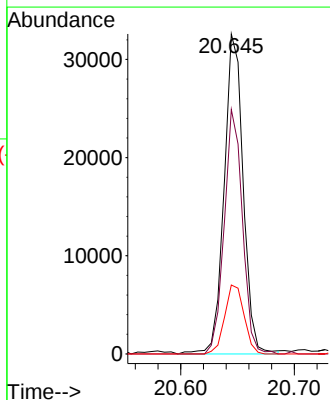
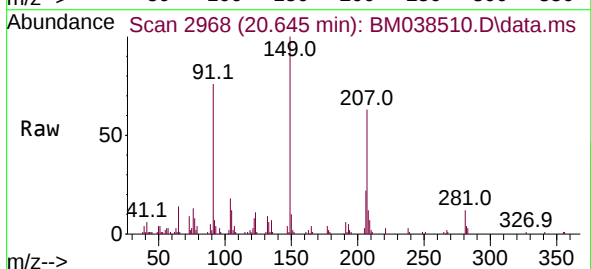
Manual Integrations
 APPROVED

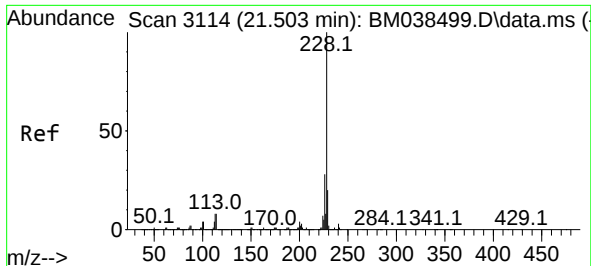
Reviewed By :Christian Giraldo 01/24/2023
 Supervised By :Jagrut Upadhyay 01/24/2023



#80
 Butylbenzylphthalate
 Concen: 4.105 ng
 RT: 20.645 min Scan# 2968
 Delta R.T. -0.006 min
 Lab File: BM038510.D
 Acq: 23 Jan 2023 15:32

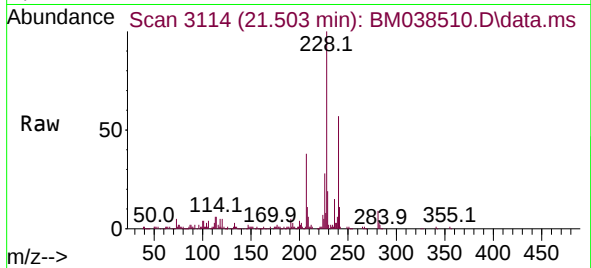
Tgt Ion:149 Resp: 37979
 Ion Ratio Lower Upper
 149 100
 91 76.4 57.5 86.3
 206 21.5 18.2 27.2





#81
Benzo(a)anthracene
Concen: 5.139 ng
RT: 21.503 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

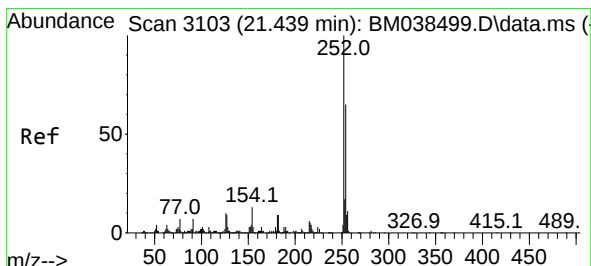
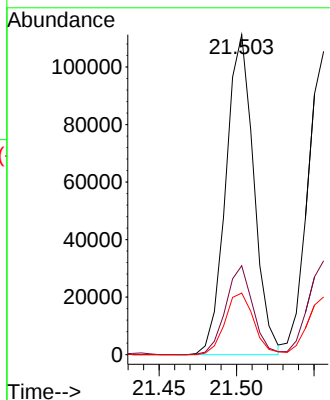
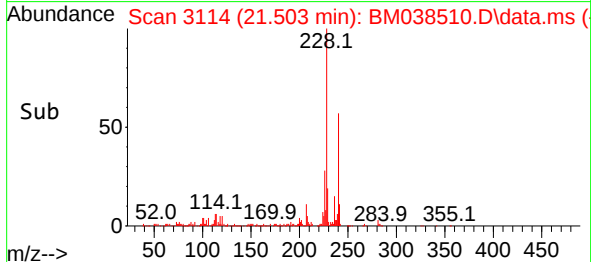
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



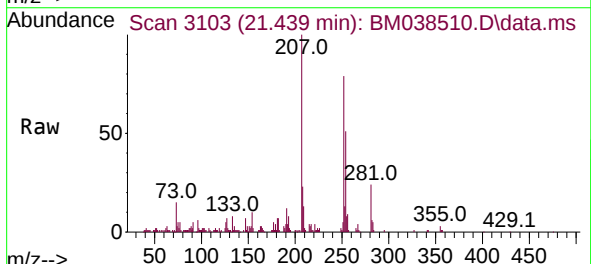
Tgt Ion:228 Resp: 139899
Ion Ratio Lower Upper
228 100
226 27.8 22.2 33.2
229 19.2 16.0 24.0

Manual Integrations
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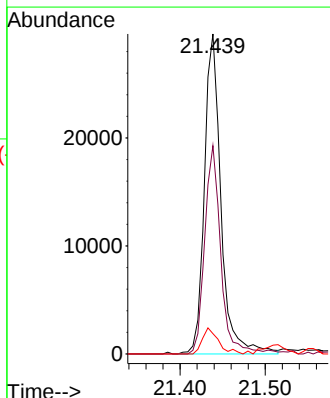
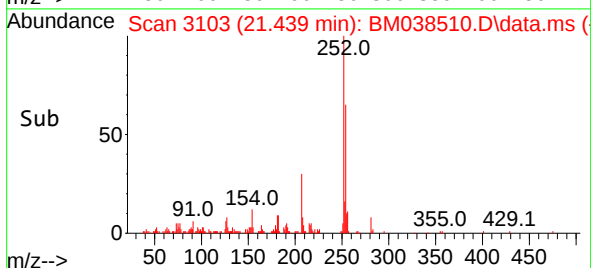
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

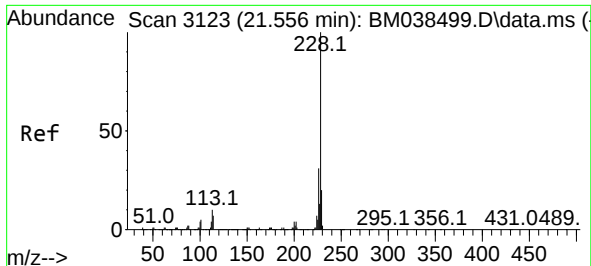


#82
3,3'-Dichlorobenzidine
Concen: 4.583 ng
RT: 21.439 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32



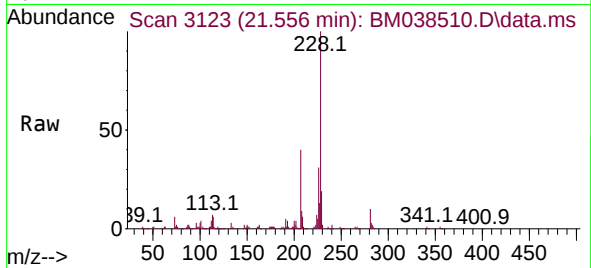
Tgt Ion:252 Resp: 40080
Ion Ratio Lower Upper
252 100
254 65.1 51.9 77.9
126 6.3 7.7 11.5





#83
Chrysene
Concen: 5.101 ng
RT: 21.556 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

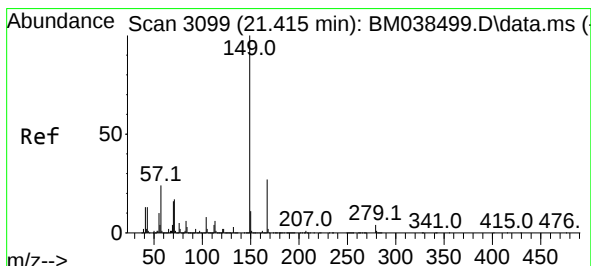
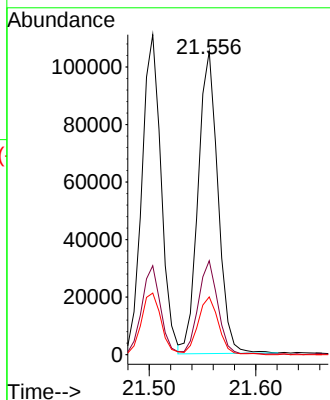
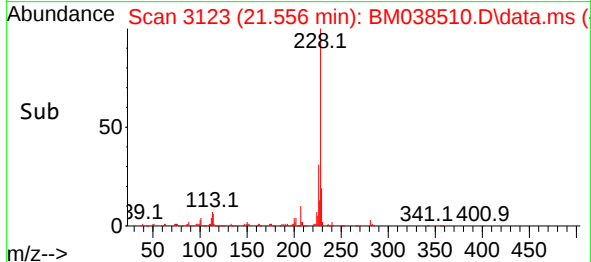
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:228 Resp: 135811
Ion Ratio Lower Upper
228 100
226 30.9 24.4 36.6
229 19.0 15.7 23.5

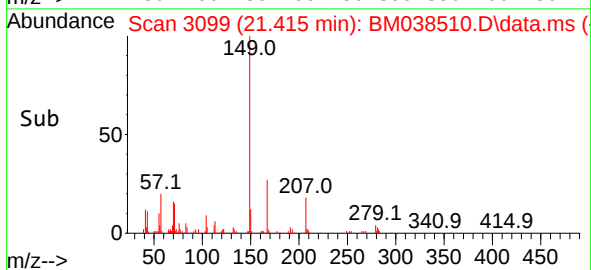
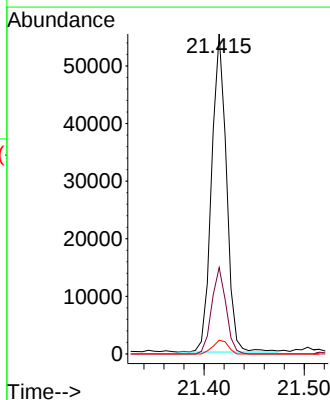
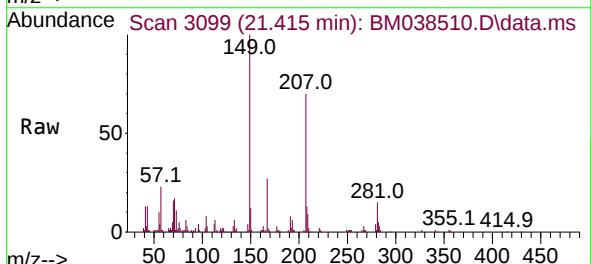
Manual Integrations
APPROVED

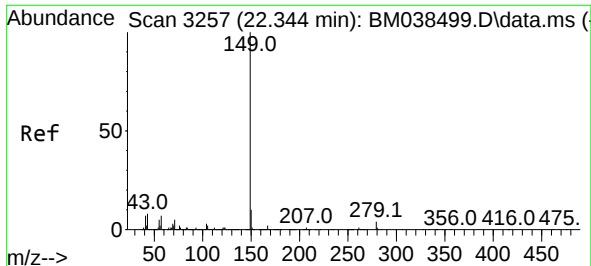
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.248 ng
RT: 21.415 min Scan# 3099
Delta R.T. 0.000 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

Tgt Ion:149 Resp: 56958
Ion Ratio Lower Upper
149 100
167 27.0 21.3 31.9
279 4.3 3.0 4.4





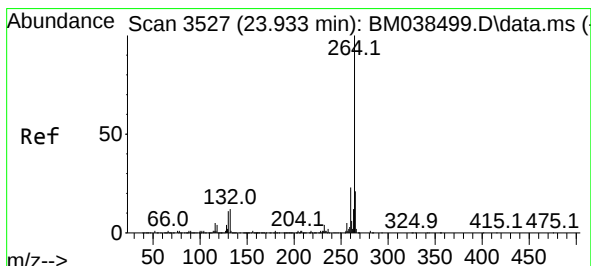
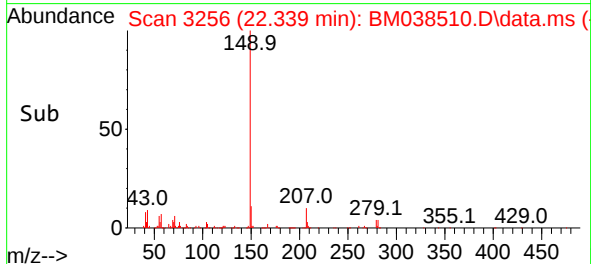
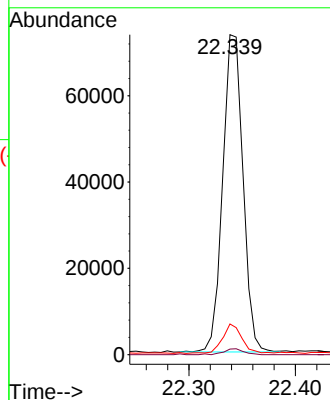
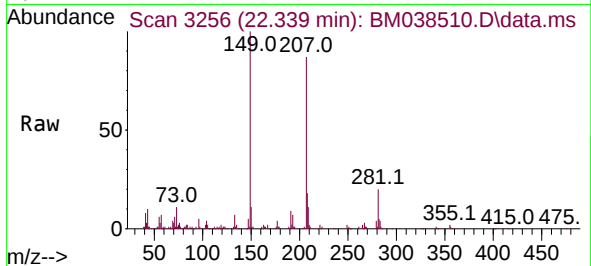
#85
Di-n-octyl phthalate
Concen: 4.087 ng
RT: 22.339 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion:149 Resp: 97439
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 9.0 6.7 10.1

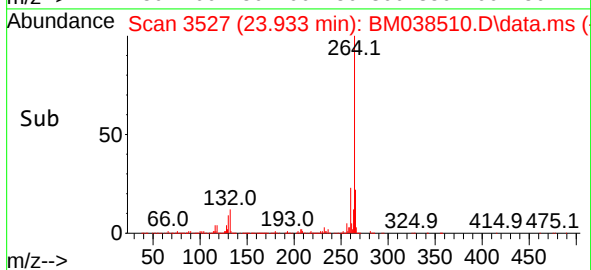
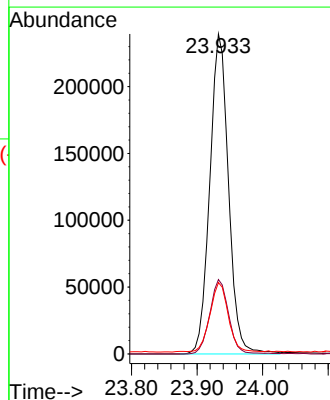
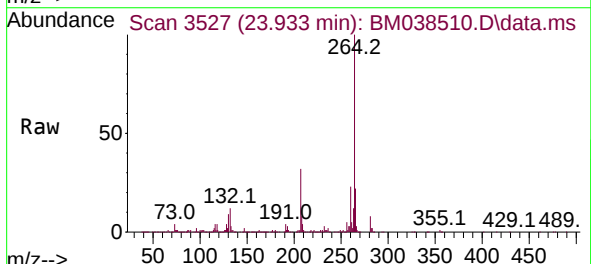
Manual Integrations
APPROVED

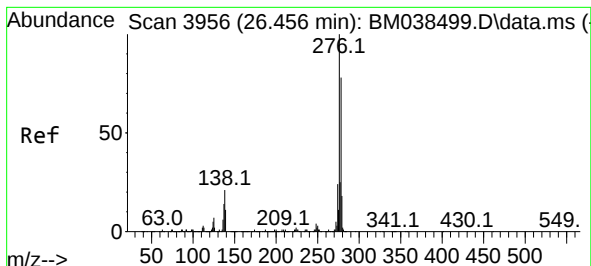
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.933 min Scan# 3527
Delta R.T. 0.000 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

Tgt Ion:264 Resp: 474538
Ion Ratio Lower Upper
264 100
260 23.2 18.5 27.7
265 22.3 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.103 ng

RT: 26.444 min Scan# 3954

Delta R.T. -0.012 min

Lab File: BM038510.D

Acq: 23 Jan 2023 15:32

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2022

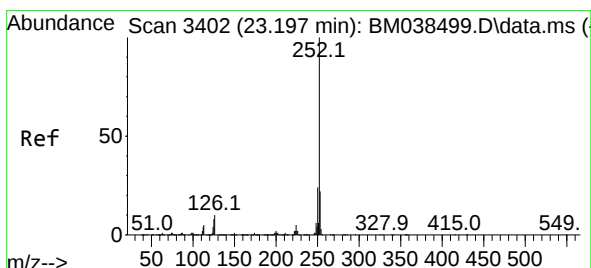
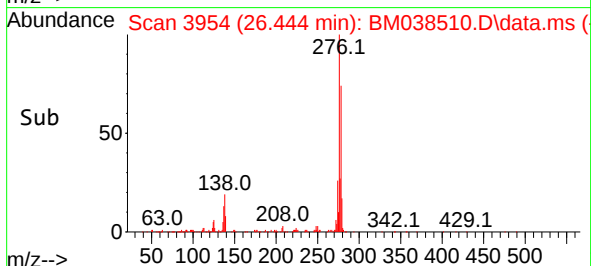
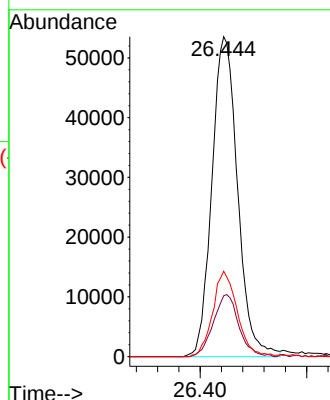
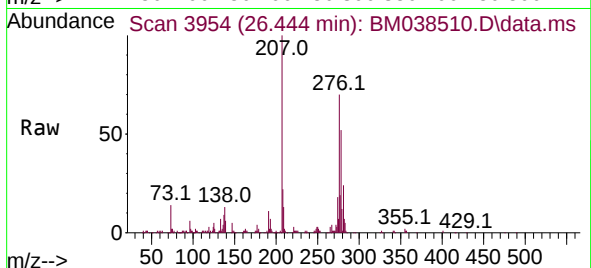
Tgt Ion:	276	Resp:	179193
Ion Ratio	Lower	Upper	
276	100		
138	19.2	15.8	23.8
277	25.5	20.1	30.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#88

Benzo(b)fluoranthene

Concen: 5.512 ng

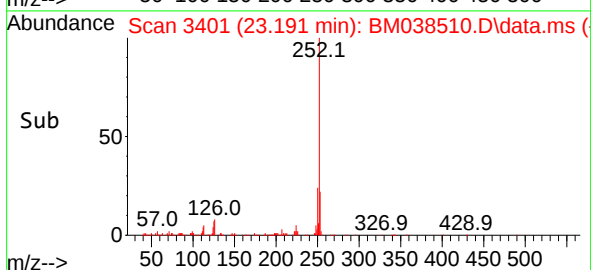
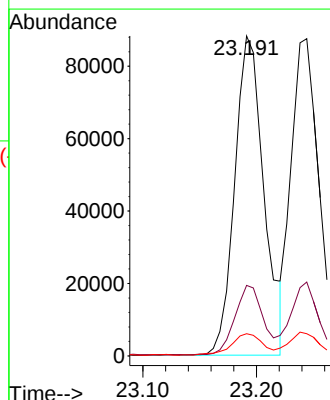
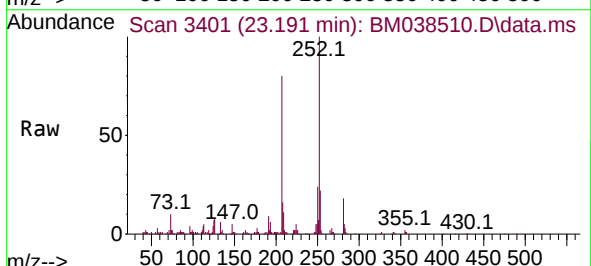
RT: 23.191 min Scan# 3401

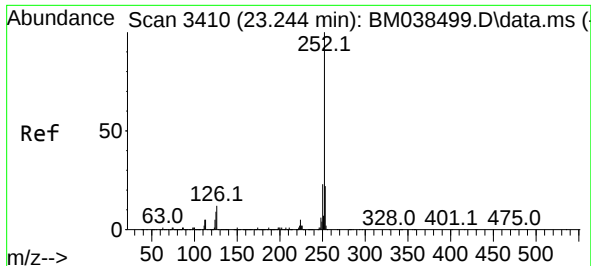
Delta R.T. -0.006 min

Lab File: BM038510.D

Acq: 23 Jan 2023 15:32

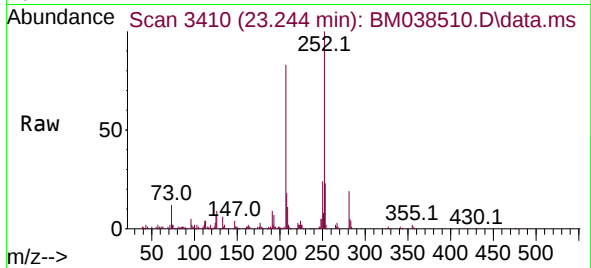
Tgt Ion:	252	Resp:	157774
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.4	26.0
125	6.9	6.4	9.6





#89
Benzo(k)fluoranthene
Concen: 5.111 ng
RT: 23.244 min Scan# 3410
Delta R.T. 0.000 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

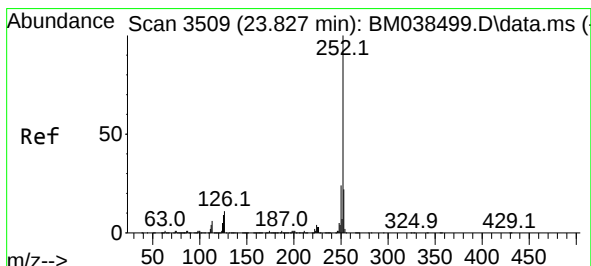
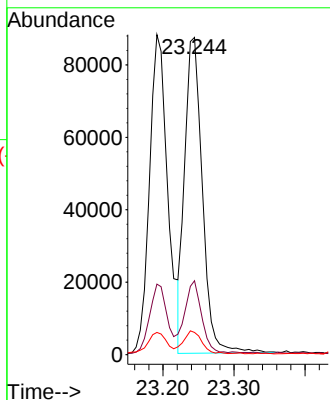
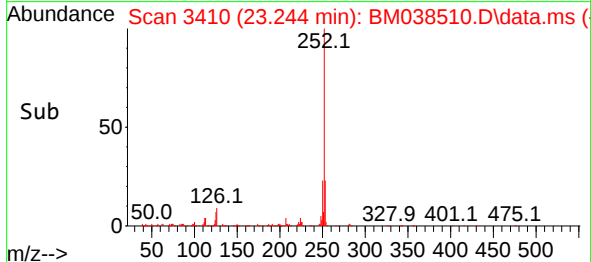
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:252 Resp: 151390
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 7.0 6.8 10.2

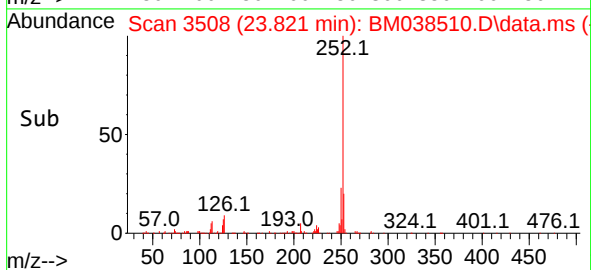
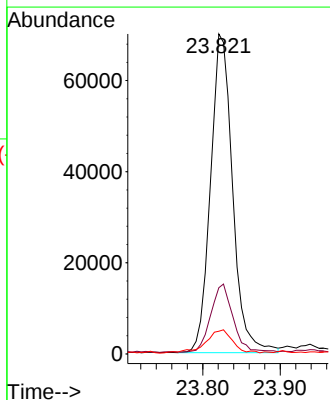
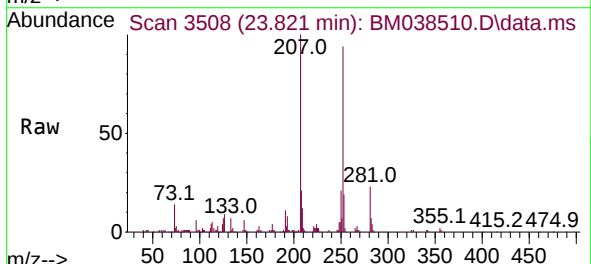
Manual Integrations
APPROVED

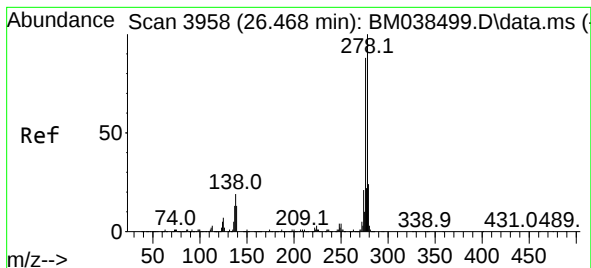
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#90
Benzo(a)pyrene
Concen: 4.888 ng
RT: 23.821 min Scan# 3508
Delta R.T. -0.006 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

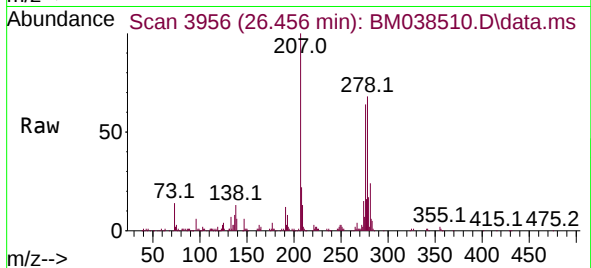
Tgt Ion:252 Resp: 138725
Ion Ratio Lower Upper
252 100
253 20.7 17.4 26.0
125 7.1 7.3 10.9#





#91
Dibenzo(a,h)anthracene
Concen: 5.441 ng
RT: 26.456 min Scan# 3956
Delta R.T. -0.012 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32

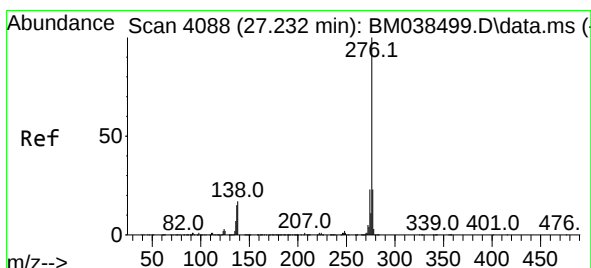
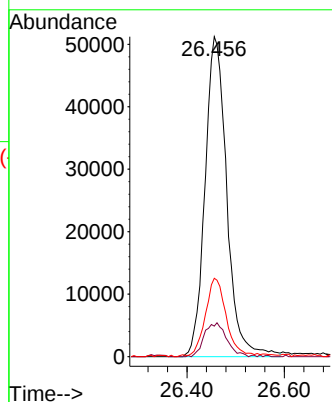
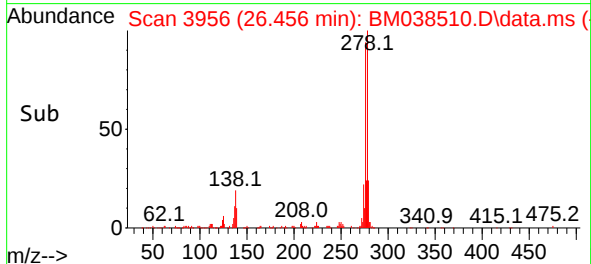
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



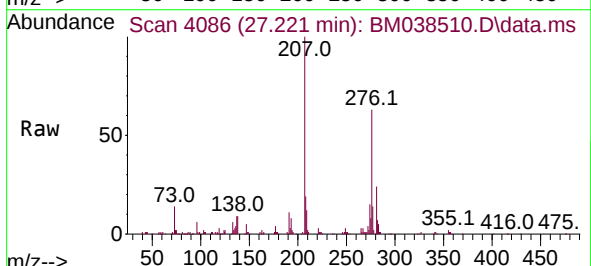
Tgt Ion:278 Resp: 159048
Ion Ratio Lower Upper
278 100
139 9.5 10.3 15.5
279 24.5 19.3 28.9

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#92
Benzo(g,h,i)perylene
Concen: 5.411 ng
RT: 27.221 min Scan# 4086
Delta R.T. -0.012 min
Lab File: BM038510.D
Acq: 23 Jan 2023 15:32



Tgt Ion:276 Resp: 161999
Ion Ratio Lower Upper
276 100
277 22.9 18.8 28.2
138 14.5 13.8 20.8

