

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011823\
 Data File : BM038478.D
 Acq On : 18 Jan 2023 13:50
 Operator : CG/JU
 Sample : N3980-08
 Misc : LOQ-WATER-10ppm
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2022

Quant Time: Jan 19 06:12:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 06:09:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 01/19/2023
 Supervised By : Jagrut Upadhyay 01/19/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	46349	20.000	ng	0.00
21) Naphthalene-d8	10.786	136	163104	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	98454	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	222712	20.000	ng	0.00
76) Chrysene-d12	21.527	240	239576	20.000	ng	0.00
86) Perylene-d12	23.944	264	290290	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	347234	114.278	ng	0.00
7) Phenol-d6	7.140	99	424175	108.979	ng	0.00
23) Nitrobenzene-d5	9.145	82	310574	77.585	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	174865	105.064	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	573661	72.665	ng	0.00
79) Terphenyl-d14	19.962	244	1008338	78.791	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	15218	10.960	ng	97
3) Pyridine	3.805	79	30752m	7.656	ng	
4) n-Nitrosodimethylamine	3.710	42	21984	9.250	ng	97
6) Aniline	7.298	93	42337	8.612	ng	99
8) 2-Chlorophenol	7.534	128	28102	9.341	ng	94
9) Benzaldehyde	7.116	77	31913	12.261	ng	99
10) Phenol	7.163	94	37119	9.152	ng	85
11) bis(2-Chloroethyl)ether	7.398	93	30152	9.173	ng	96
12) 1,3-Dichlorobenzene	7.857	146	31030	9.628	ng	96
13) 1,4-Dichlorobenzene	8.010	146	31721	9.784	ng	99
14) 1,2-Dichlorobenzene	8.328	146	29935	9.443	ng	98
15) Benzyl Alcohol	8.222	79	26617	8.538	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.510	45	44548	9.721	ng	94
17) 2-Methylphenol	8.422	107	22681	8.279	ng	97
18) Hexachloroethane	9.051	117	12715	9.574	ng	93
19) n-Nitroso-di-n-propyla...	8.787	70	25508	9.028	ng	95
20) 3+4-Methylphenols	8.751	107	30406	8.267	ng	95
22) Acetophenone	8.804	105	45234	9.382	ng	91
24) Nitrobenzene	9.187	77	41828	9.890	ng	97
25) Isophorone	9.710	82	60933	8.594	ng	97
26) 2-Nitrophenol	9.904	139	12170	8.196	ng	93
27) 2,4-Dimethylphenol	9.957	122	20973	8.295	ng	89
28) bis(2-Chloroethoxy)met...	10.198	93	36211	9.081	ng	94
29) 2,4-Dichlorophenol	10.434	162	22949	8.216	ng	98
30) 1,2,4-Trichlorobenzene	10.645	180	27867	8.627	ng	96
31) Naphthalene	10.834	128	78421	9.072	ng	98
32) Benzoic acid	10.039	122	11860m	10.150	ng	
33) 4-Chloroaniline	10.957	127	30716	8.096	ng	96
34) Hexachlorobutadiene	11.110	225	19879	8.776	ng	94
35) Caprolactam	11.733	113	5229	6.623	ng	# 93
36) 4-Chloro-3-methylphenol	12.069	107	24829	8.152	ng	94
37) 2-Methylnaphthalene	12.439	142	49387	7.814	ng	96
38) 1-Methylnaphthalene	12.657	142	48022	8.093	ng	97
40) 1,2,4,5-Tetrachloroben...	12.804	216	31825	8.637	ng	96
41) Hexachlorocyclopentadiene	12.775	237	18587	8.871	ng	98
43) 2,4,6-Trichlorophenol	13.051	196	19006	8.159	ng	91

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Instrument :
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 LOQ-WATER-02-QT3-2022

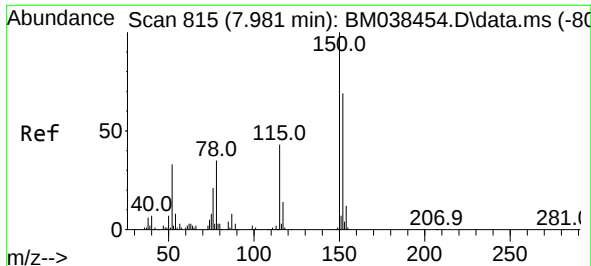
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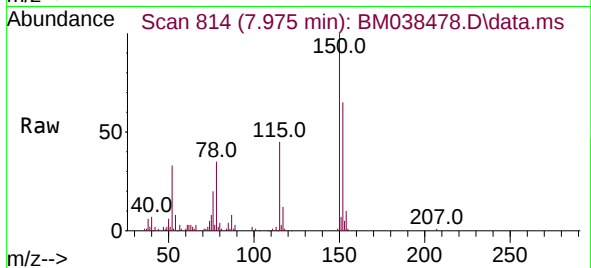
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.122	196	21100	7.683	ng	95
46) 1,1'-Biphenyl	13.445	154	70583	9.241	ng	99
47) 2-Chloronaphthalene	13.492	162	54674	9.094	ng	97
48) 2-Nitroaniline	13.704	65	17577	9.340	ng	93
49) Acenaphthylene	14.333	152	79058	8.341	ng	99
50) Dimethylphthalate	14.069	163	65831	8.250	ng	# 98
51) 2,6-Dinitrotoluene	14.192	165	12815	7.895	ng	90
52) Acenaphthene	14.674	154	48192	8.367	ng	96
53) 3-Nitroaniline	14.527	138	11359	8.655	ng	91
54) 2,4-Dinitrophenol	14.733	184	6941	10.388	ng	98
55) Dibenzofuran	15.004	168	82543	8.417	ng	98
56) 4-Nitrophenol	14.833	139	9110	9.760	ng	88
57) 2,4-Dinitrotoluene	14.980	165	16690	7.396	ng	94
58) Fluorene	15.657	166	64825	7.911	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.233	232	18388	7.551	ng	99
60) Diethylphthalate	15.421	149	65903	8.051	ng	100
61) 4-Chlorophenyl-phenyle...	15.645	204	35279	7.844	ng	97
62) 4-Nitroaniline	15.680	138	11383	8.564	ng	95
63) Azobenzene	15.939	77	79088	8.781	ng	98
65) 4,6-Dinitro-2-methylph...	15.739	198	10220	6.762	ng	92
66) n-Nitrosodiphenylamine	15.863	169	55075	8.428	ng	98
67) 4-Bromophenyl-phenylether	16.539	248	20856	8.096	ng	97
68) Hexachlorobenzene	16.651	284	24527	8.502	ng	# 91
69) Atrazine	16.810	200	19830	8.581	ng	99
70) Pentachlorophenol	17.004	266	13832	6.568	ng	94
71) Phenanthrene	17.392	178	104413	8.474	ng	99
72) Anthracene	17.486	178	102182	8.069	ng	99
73) Carbazole	17.757	167	89756	8.105	ng	99
74) Di-n-butylphthalate	18.309	149	106671	8.111	ng	99
75) Fluoranthene	19.404	202	119152	7.692	ng	98
77) Benzidine	19.592	184	54790	10.437	ng	98
78) Pyrene	19.768	202	130181	8.165	ng	98
80) Butylbenzylphthalate	20.651	149	48352	8.297	ng	89
81) Benzo(a)anthracene	21.509	228	145631	8.452	ng	98
82) 3,3'-Dichlorobenzidine	21.445	252	51862	9.347	ng	94
83) Chrysene	21.562	228	138798	8.289	ng	99
84) Bis(2-ethylhexyl)phtha...	21.421	149	69315	8.274	ng	96
85) Di-n-octyl phthalate	22.350	149	125944	8.544	ng	96
87) Indeno(1,2,3-cd)pyrene	26.462	276	171618	7.988	ng	97
88) Benzo(b)fluoranthene	23.203	252	152537	8.474	ng	99
89) Benzo(k)fluoranthene	23.250	252	159371	8.562	ng	99
90) Benzo(a)pyrene	23.839	252	134960	7.640	ng	# 96
91) Dibenzo(a,h)anthracene	26.474	278	150305	8.337	ng	97
92) Benzo(g,h,i)perylene	27.244	276	155202	8.677	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.975 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

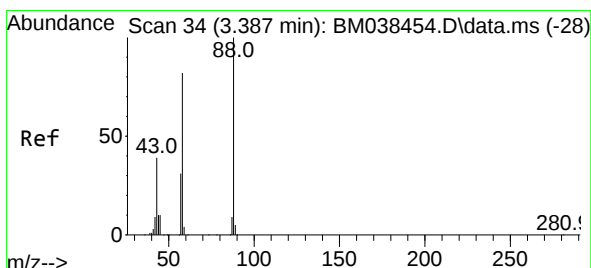
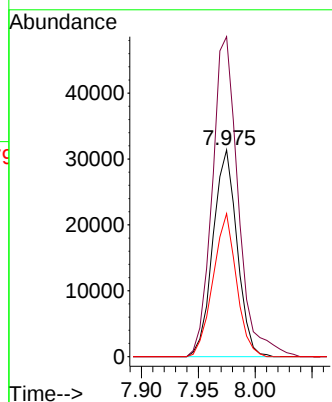
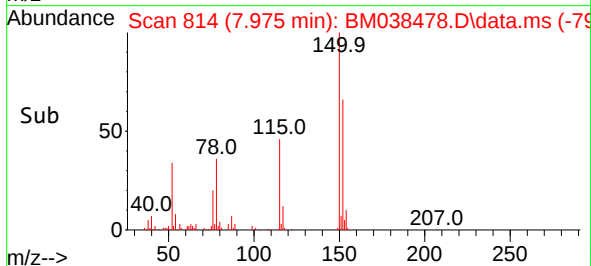
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:152 Resp: 46349
Ion Ratio Lower Upper
152 100
150 154.8 116.0 174.0
115 69.2 49.4 74.2

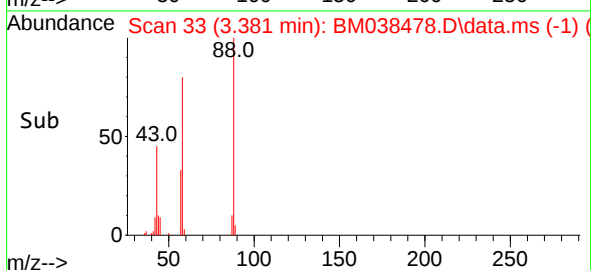
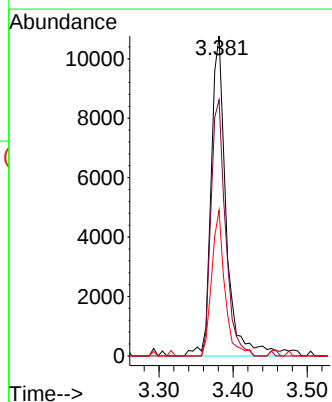
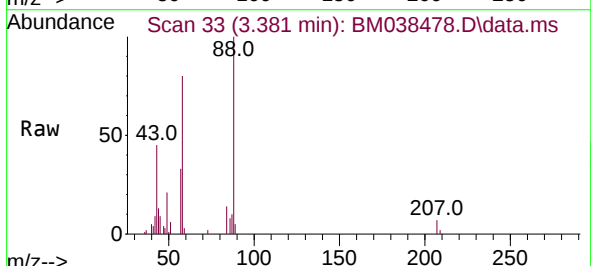
Manual Integrations
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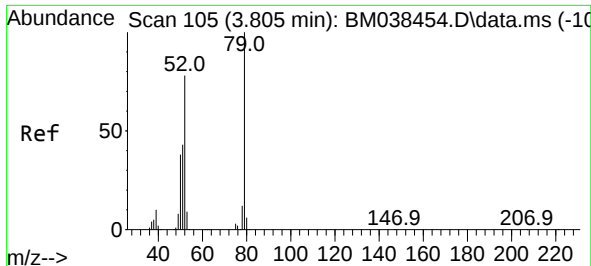
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#2
1,4-Dioxane
Concen: 10.960 ng
RT: 3.381 min Scan# 33
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

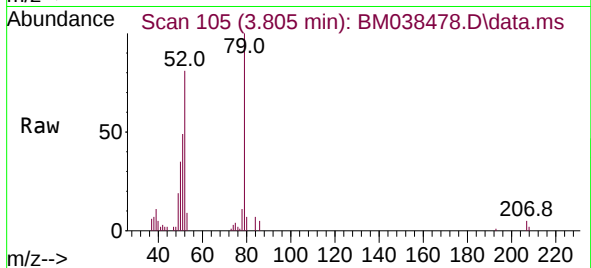
Tgt Ion: 88 Resp: 15218
Ion Ratio Lower Upper
88 100
58 76.7 64.3 96.5
43 39.5 32.3 48.5





#3
Pyridine
Concen: 7.656 ng m
RT: 3.805 min Scan# 105
Delta R.T. 0.012 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

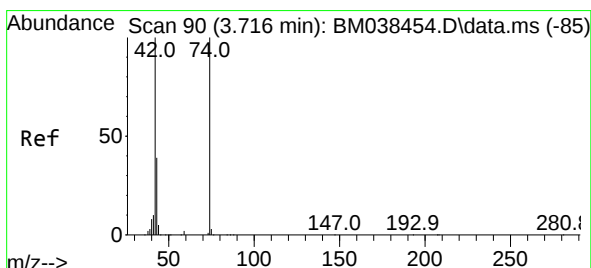
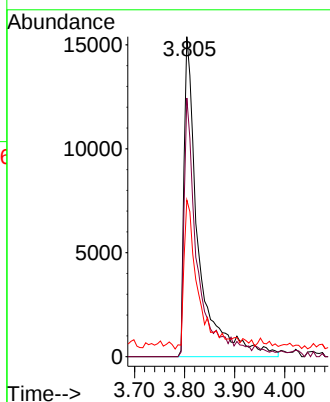
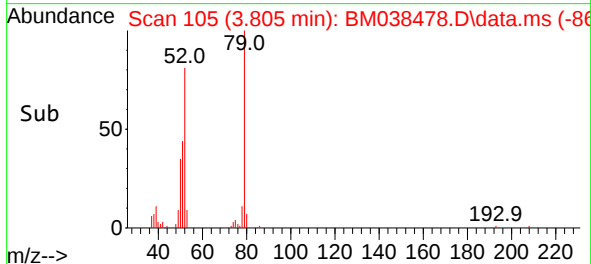
Instrument :
BNA_M
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LOQ-WATER-02-QT3-2022



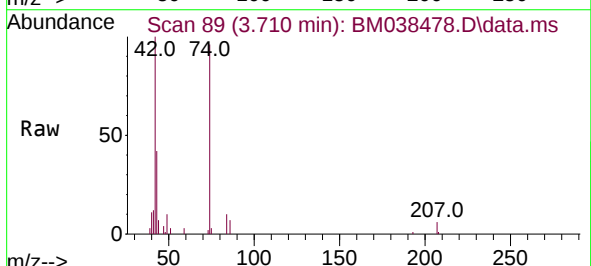
Tgt Ion: 79 Resp: 30752
Ion Ratio Lower Upper
79 100
52 80.8 62.2 93.2
51 48.9 34.8 52.2

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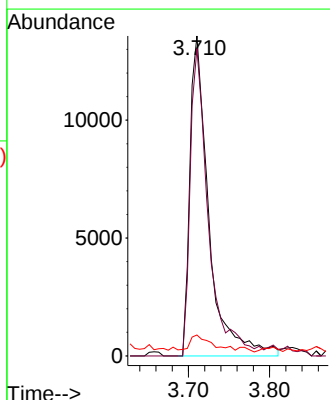
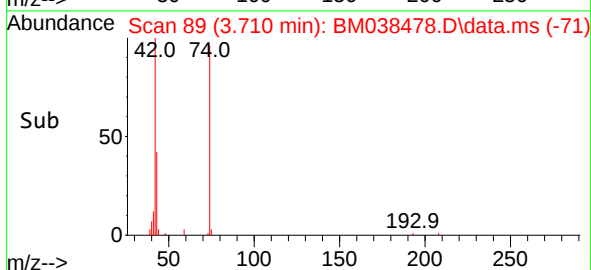
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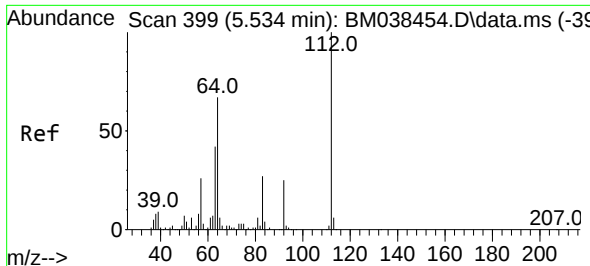


#4
n-Nitrosodimethylamine
Concen: 9.250 ng
RT: 3.710 min Scan# 89
Delta R.T. 0.006 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50



Tgt Ion: 42 Resp: 21984
Ion Ratio Lower Upper
42 100
74 96.0 79.7 119.5
44 6.5 4.7 7.1





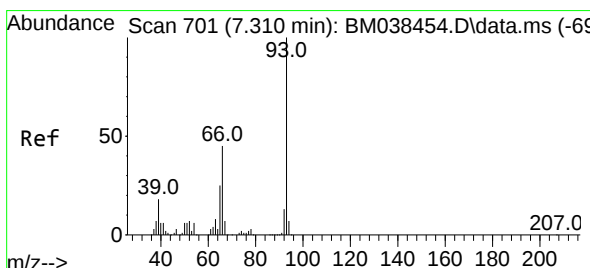
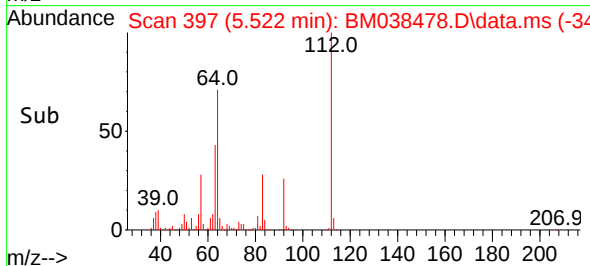
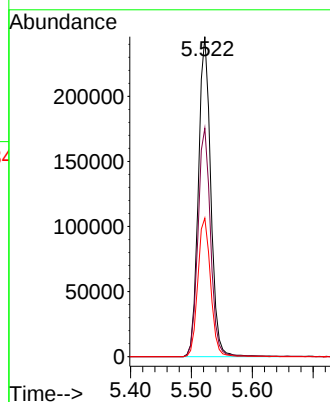
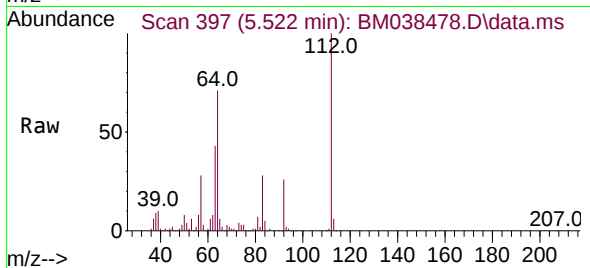
#5
2-Fluorophenol
Concen: 114.278 ng
RT: 5.522 min Scan# 399
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion: 112 Resp: 347234
Ion Ratio Lower Upper
112 100
64 71.4 53.7 80.5
63 43.3 33.7 50.5

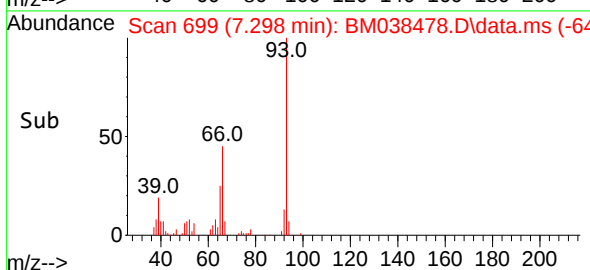
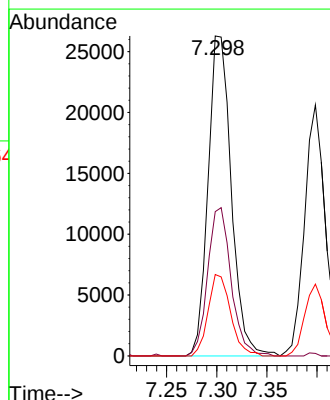
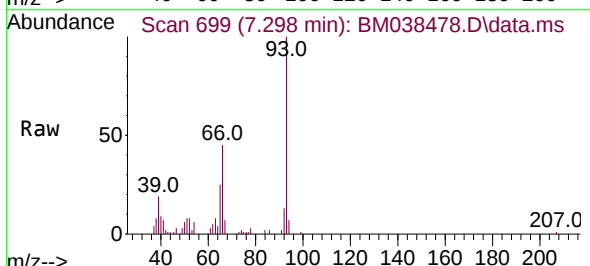
Manual Integrations
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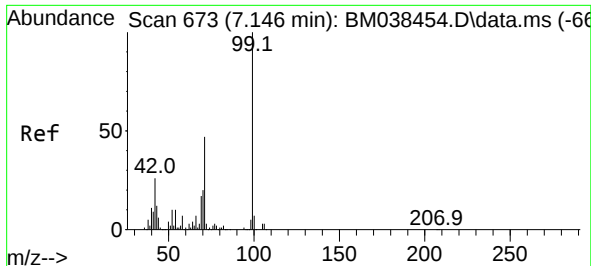
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#6
Aniline
Concen: 8.612 ng
RT: 7.298 min Scan# 699
Delta R.T. -0.006 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

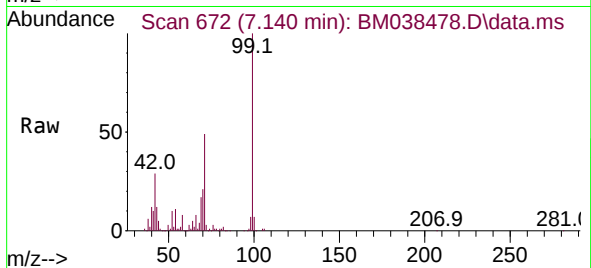
Tgt Ion: 93 Resp: 42337
Ion Ratio Lower Upper
93 100
66 45.1 36.2 54.2
65 25.4 19.8 29.8





#7
Phenol-d6
Concen: 108.979 ng
RT: 7.140 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

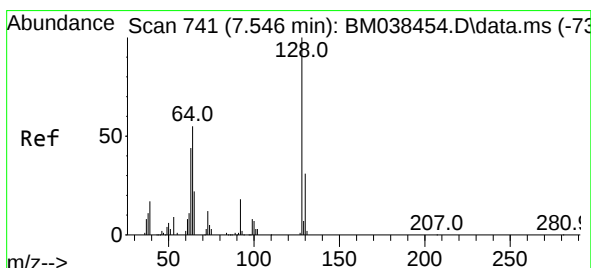
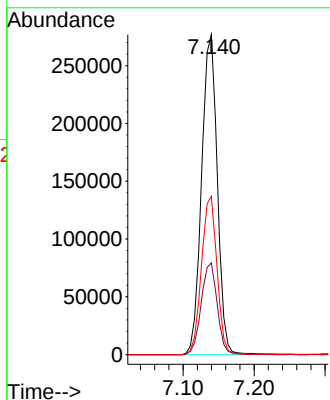
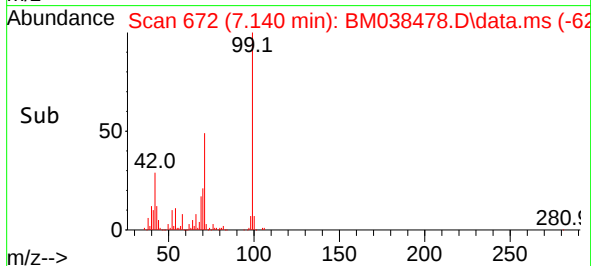
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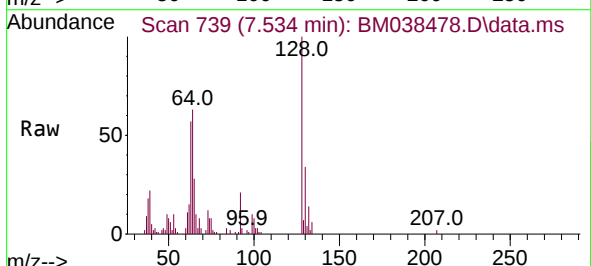
Tgt Ion: 99 Resp: 424175
Ion Ratio Lower Upper
99 100
42 28.7 20.8 31.2
71 49.4 37.8 56.8

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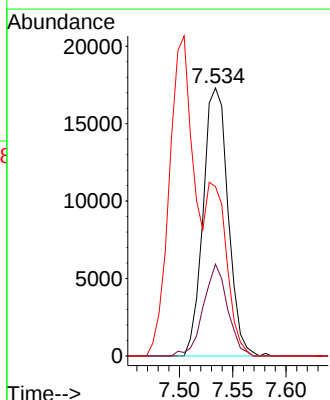
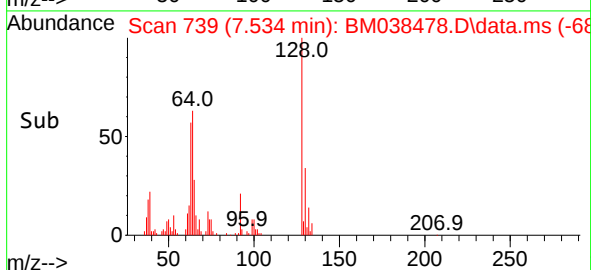
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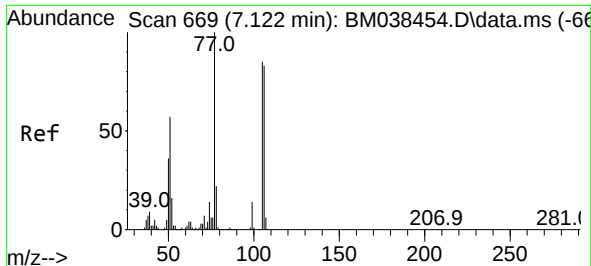


#8
2-Chlorophenol
Concen: 9.341 ng
RT: 7.534 min Scan# 739
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50



Tgt Ion:128 Resp: 28102
Ion Ratio Lower Upper
128 100
130 34.3 11.5 51.5
64 63.2 38.0 78.0





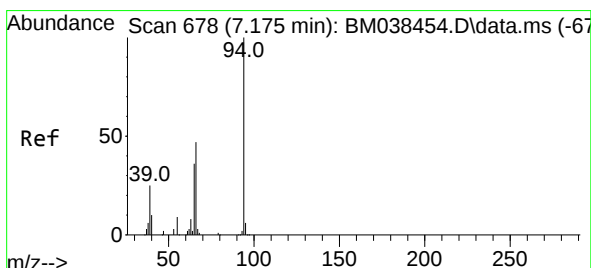
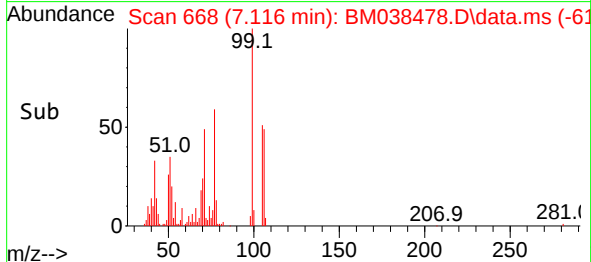
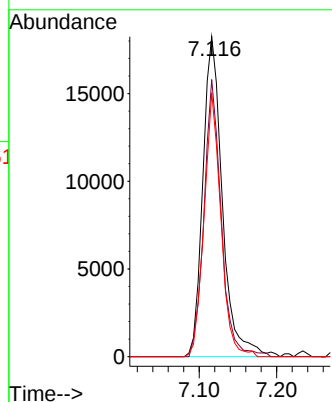
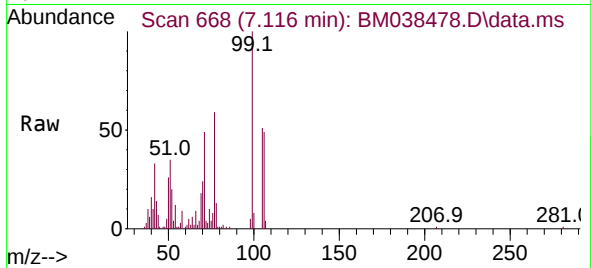
#9
Benzaldehyde
Concen: 12.261 ng
RT: 7.116 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion: 77 Resp: 31913
Ion Ratio Lower Upper
77 100
105 86.6 65.3 105.3
106 82.5 62.5 102.5

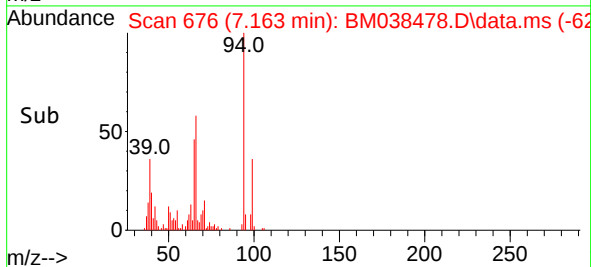
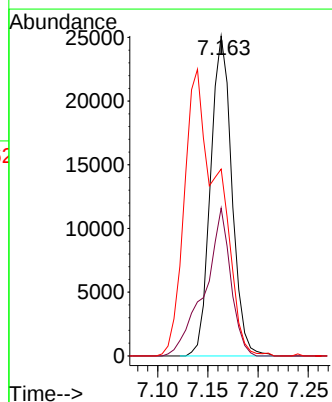
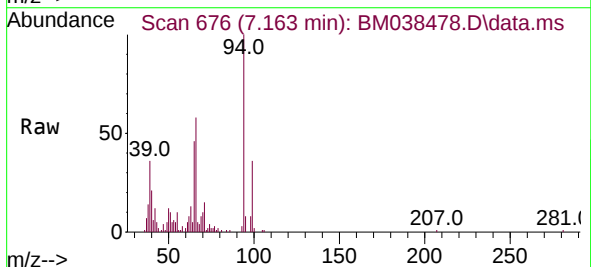
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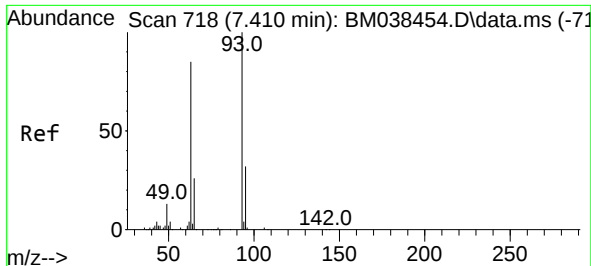
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#10
Phenol
Concen: 9.152 ng
RT: 7.163 min Scan# 676
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Tgt Ion: 94 Resp: 37119
Ion Ratio Lower Upper
94 100
65 46.2 16.3 56.3
66 58.4 29.2 69.2





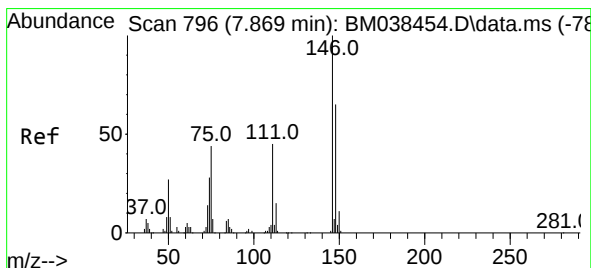
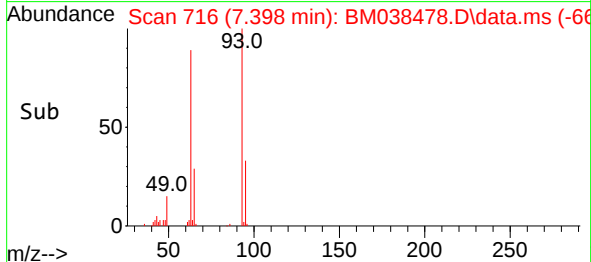
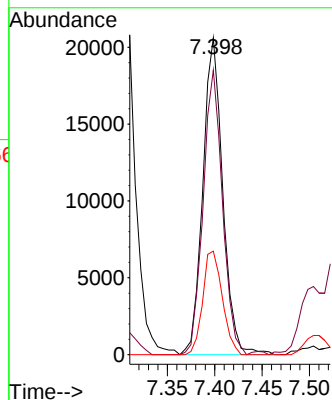
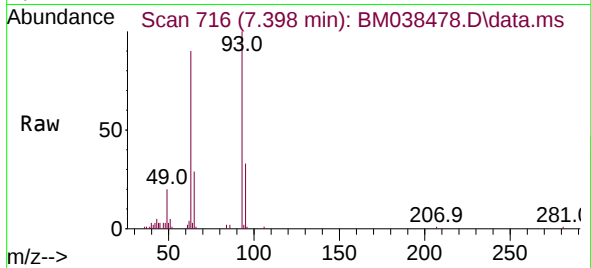
#11
bis(2-Chloroethyl)ether
Concen: 9.173 ng
RT: 7.398 min Scan# 718
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion: 93 Resp: 30152
Ion Ratio Lower Upper
93 100
63 89.8 64.6 104.6
95 32.7 12.0 52.0

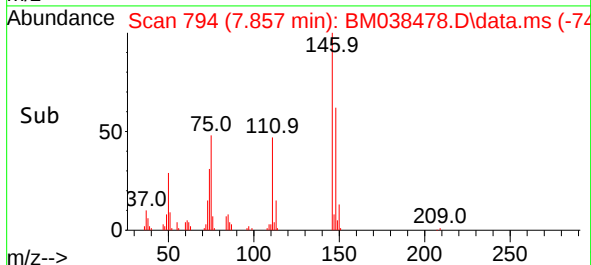
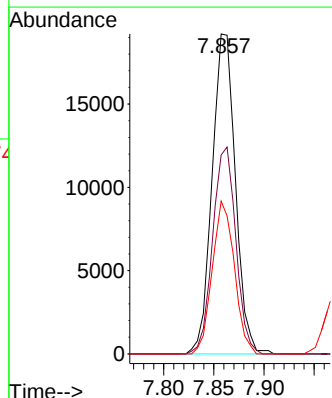
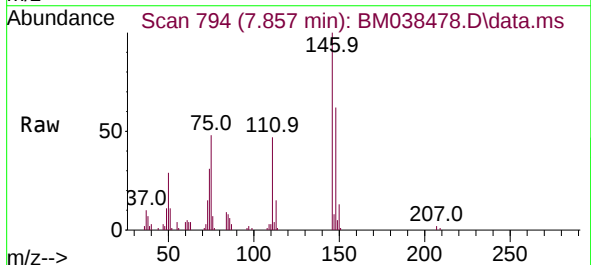
Manual Integrations
APPROVED

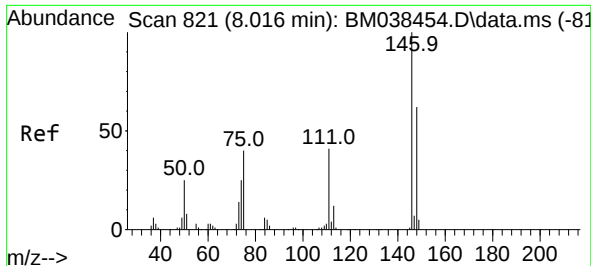
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#12
1,3-Dichlorobenzene
Concen: 9.628 ng
RT: 7.857 min Scan# 794
Delta R.T. -0.006 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Tgt Ion:146 Resp: 31030
Ion Ratio Lower Upper
146 100
148 62.2 51.8 77.8
75 47.7 35.1 52.7





#13

1,4-Dichlorobenzene

Concen: 9.784 ng

RT: 8.010 min Scan# 81

Delta R.T. 0.000 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

Instrument :

BNA_M

ClientSampleId :

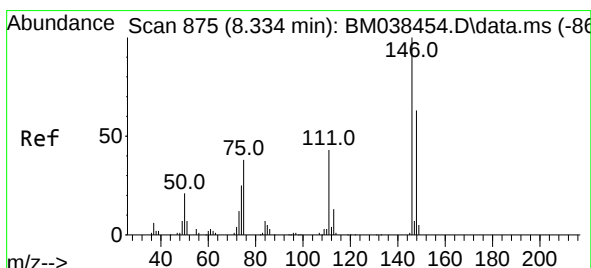
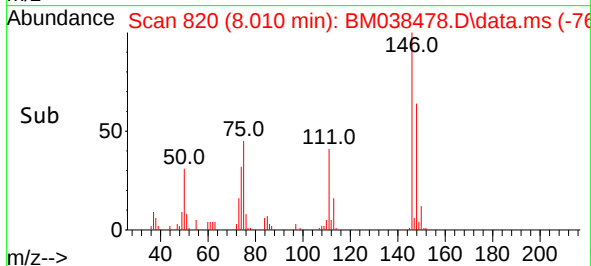
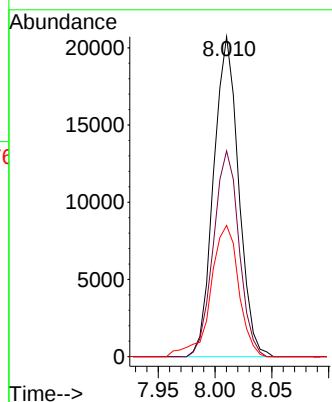
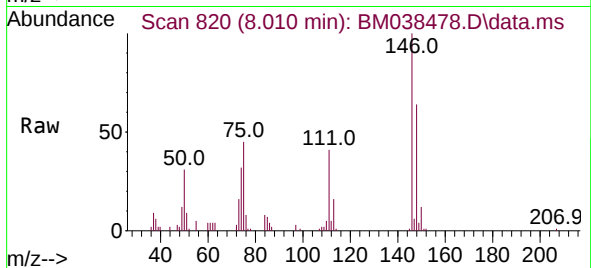
LOQ-WATER-02-QT3-2022

Tgt Ion:146 Resp: 31721
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.1 75.1
 111 41.0 32.8 49.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/19/2023
 Supervised By :Jagrut Upadhyay 01/19/2023



#14

1,2-Dichlorobenzene

Concen: 9.443 ng

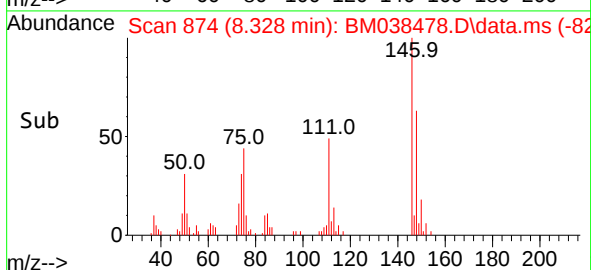
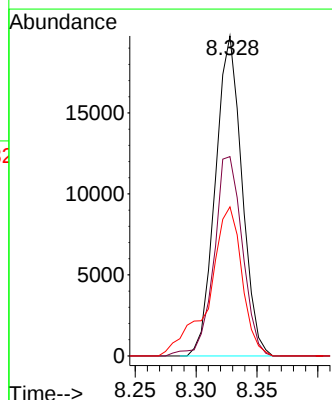
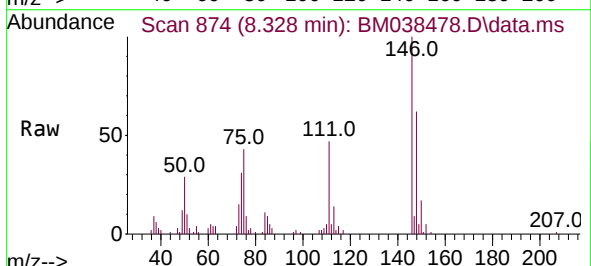
RT: 8.328 min Scan# 874

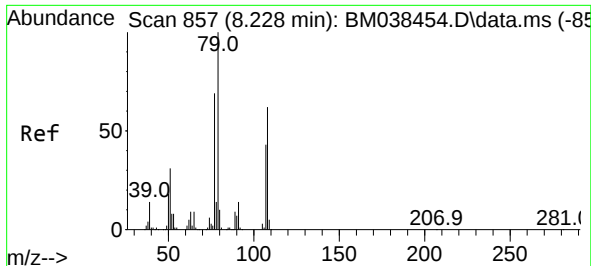
Delta R.T. 0.000 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

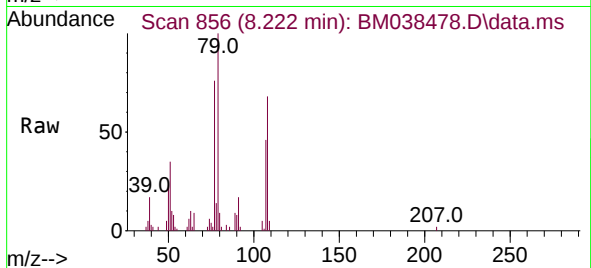
Tgt Ion:146 Resp: 29935
 Ion Ratio Lower Upper
 146 100
 148 62.3 50.7 76.1
 111 46.6 35.2 52.8





#15
Benzyl Alcohol
Concen: 8.538 ng
RT: 8.222 min Scan# 857
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

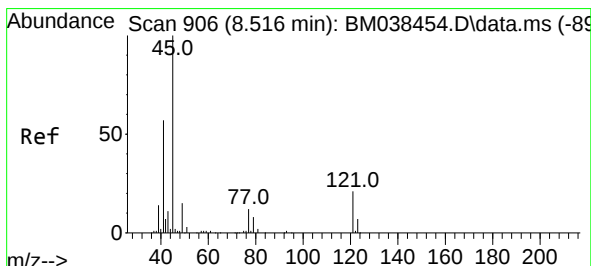
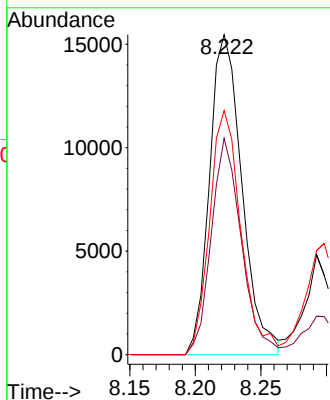
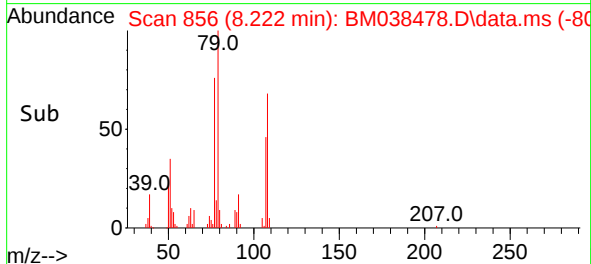
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 79 Resp: 26617
Ion Ratio Lower Upper
79 100
108 67.6 49.3 73.9
77 76.3 55.1 82.7

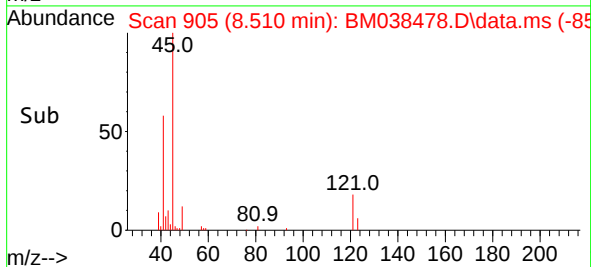
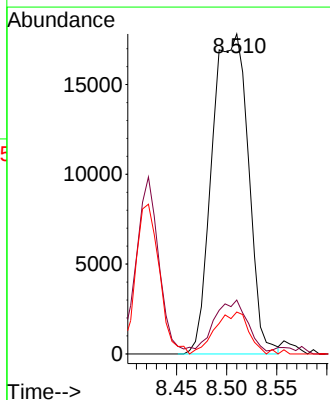
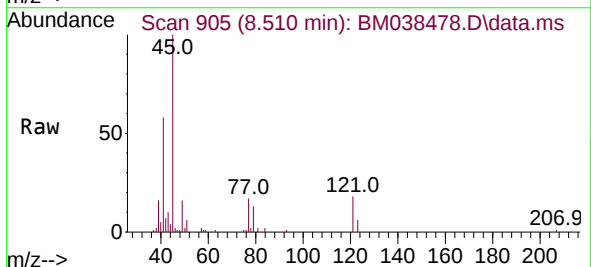
Manual Integrations
APPROVED

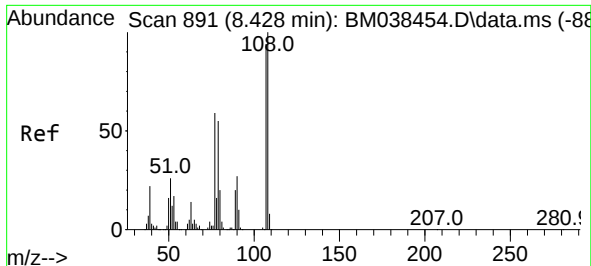
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.721 ng
RT: 8.510 min Scan# 905
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

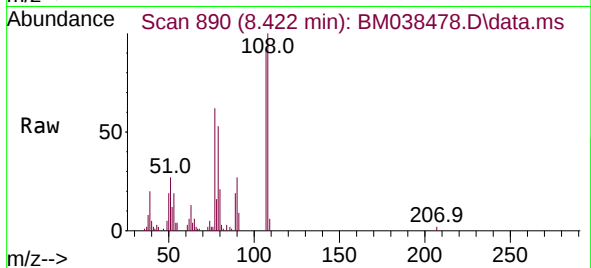
Tgt Ion: 45 Resp: 44548
Ion Ratio Lower Upper
45 100
77 16.8 0.0 34.7
79 13.1 0.0 30.4





#17
2-Methylphenol
Concen: 8.279 ng
RT: 8.422 min Scan# 891
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

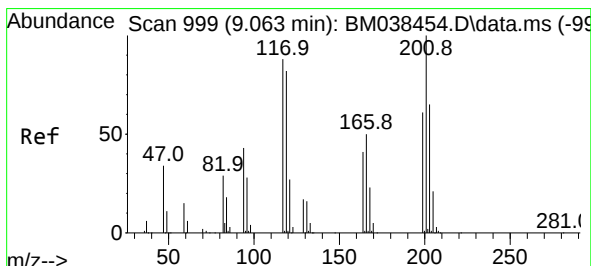
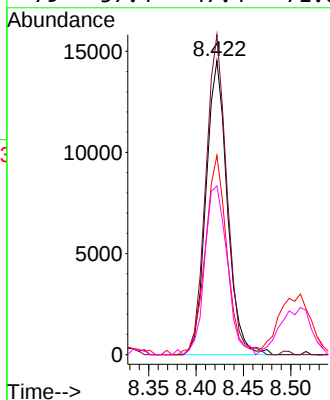
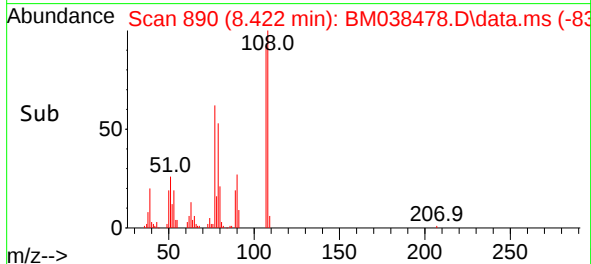
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:	107	Resp:	2268
Ion Ratio	Lower	Upper	
107	100		
108	108.9	85.7	128.5
77	67.8	50.5	75.7
79	57.4	47.4	71.0

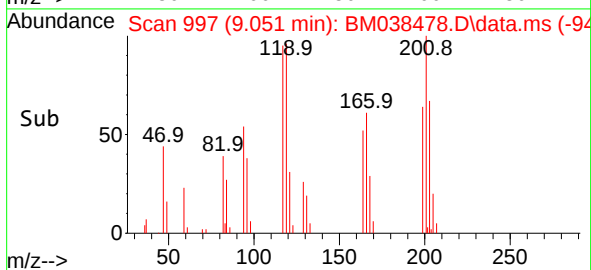
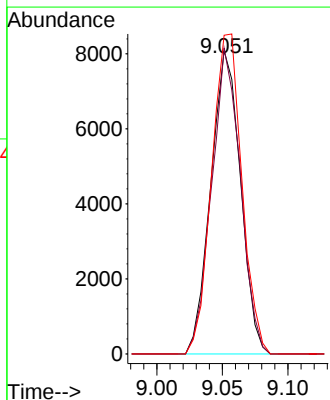
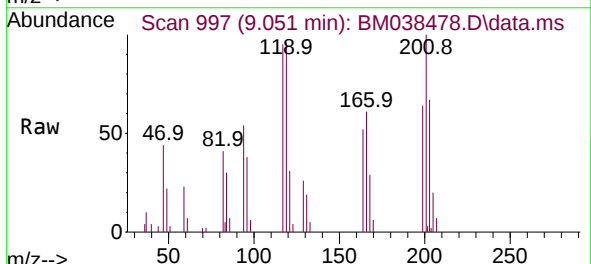
Manual Integrations
APPROVED

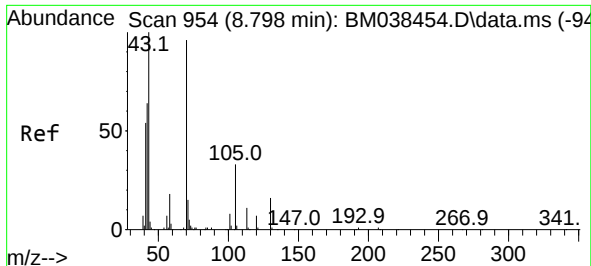
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#18
Hexachloroethane
Concen: 9.574 ng
RT: 9.051 min Scan# 997
Delta R.T. -0.006 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

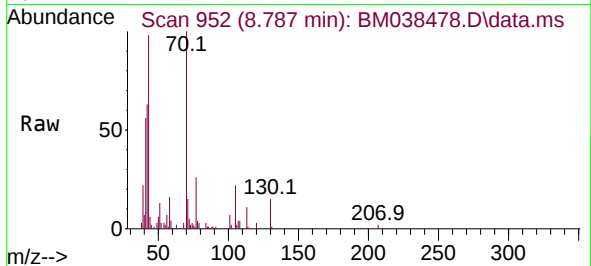
Tgt Ion:	117	Resp:	12715
Ion Ratio	Lower	Upper	
117	100		
119	100.8	74.5	111.7
201	107.8	91.3	136.9





#19
n-Nitroso-di-n-propylamine
Concen: 9.028 ng
RT: 8.787 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

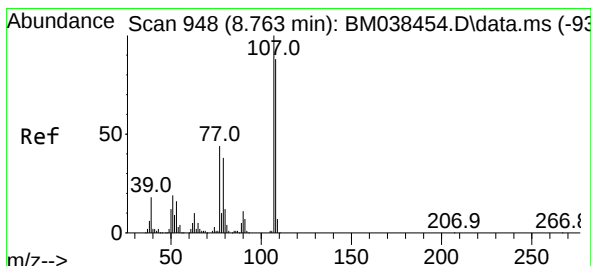
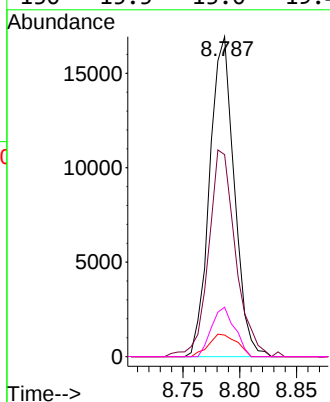
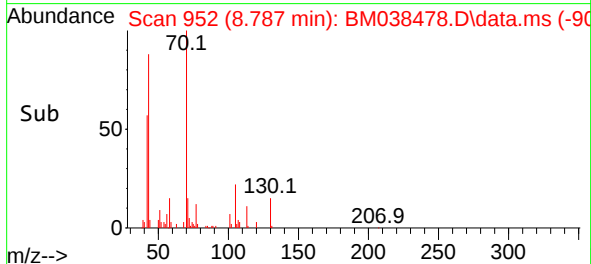
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



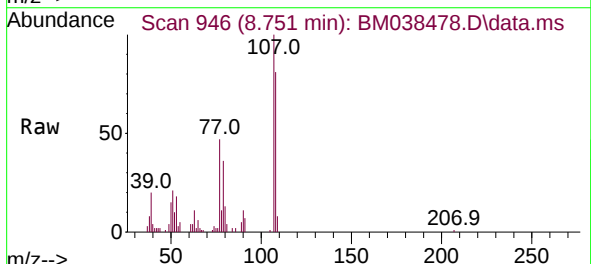
Tgt Ion: 70 Resp: 25508
Ion Ratio Lower Upper
70 100
42 63.1 54.2 81.2
101 6.7 6.6 10.0
130 15.5 13.0 19.4

Manual Integrations
APPROVED

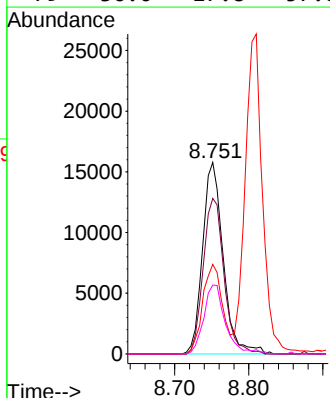
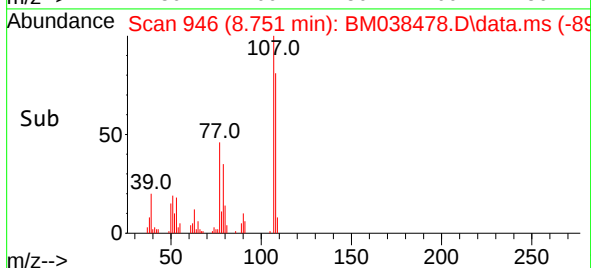
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

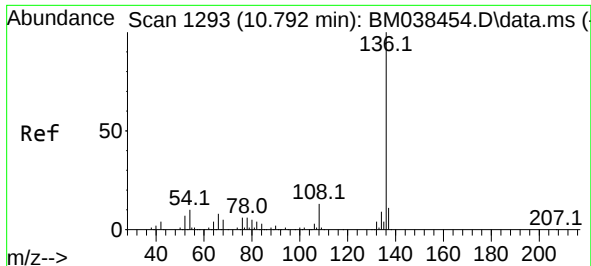


#20
3+4-Methylphenols
Concen: 8.267 ng
RT: 8.751 min Scan# 946
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50



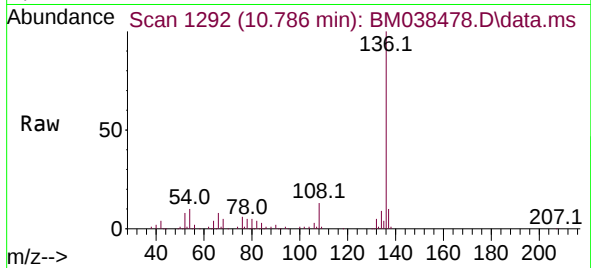
Tgt Ion:107 Resp: 30406
Ion Ratio Lower Upper
107 100
108 81.2 67.6 107.6
77 46.7 24.1 64.1
79 36.0 17.8 57.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.786 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

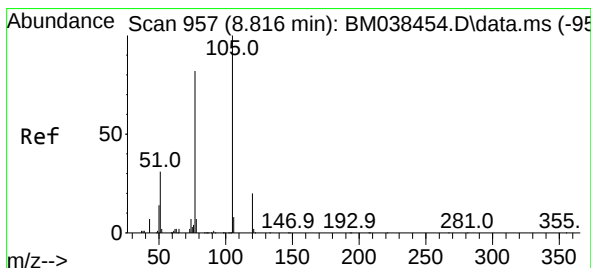
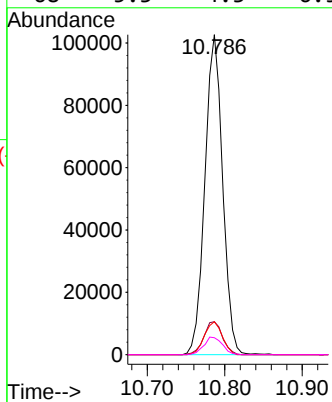
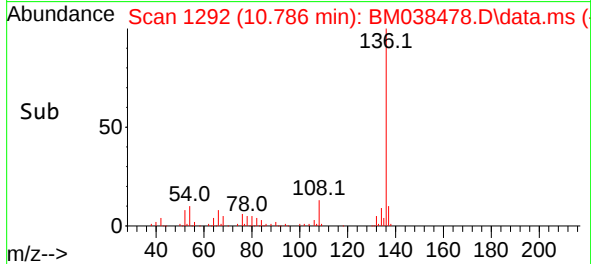
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:136 Resp: 163104
Ion Ratio Lower Upper
136 100
137 10.3 9.0 13.4
54 10.3 7.6 11.4
68 5.3 4.3 6.5

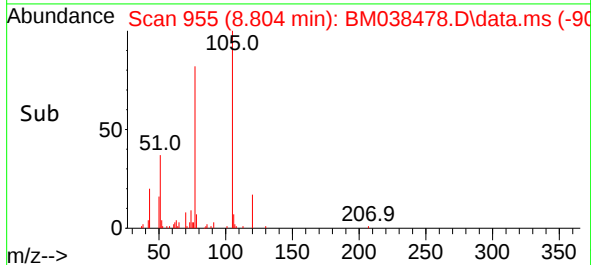
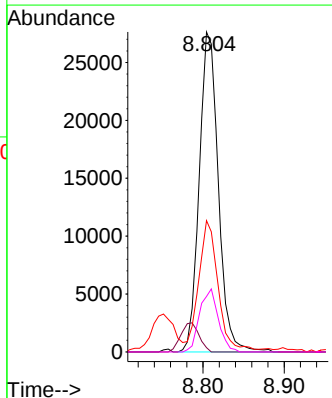
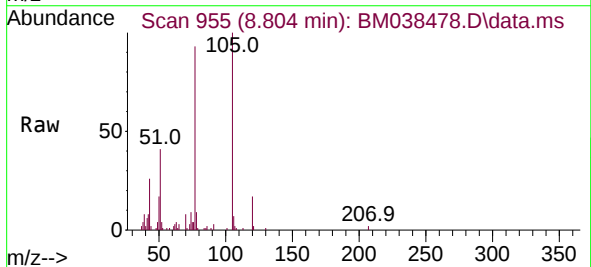
Manual Integrations
APPROVED

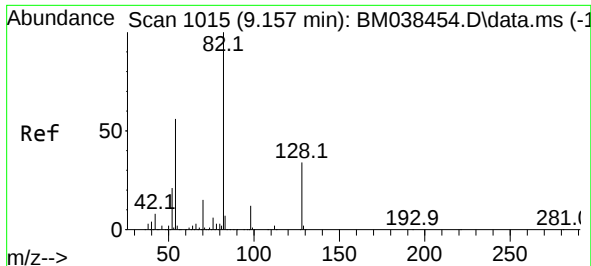
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#22
Acetophenone
Concen: 9.382 ng
RT: 8.804 min Scan# 955
Delta R.T. -0.006 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Tgt Ion:105 Resp: 45234
Ion Ratio Lower Upper
105 100
71 1.3 1.0 1.6
51 41.0 27.4 41.2
120 17.4 15.6 23.4





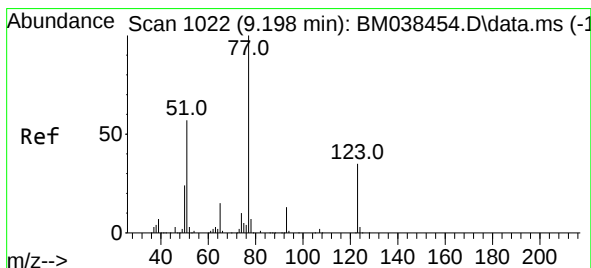
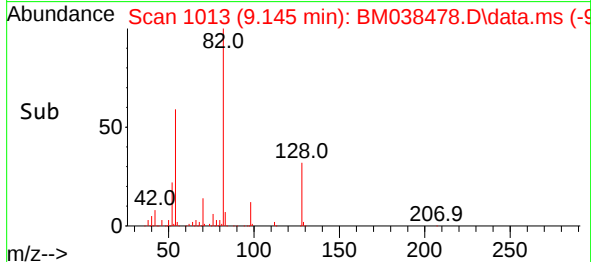
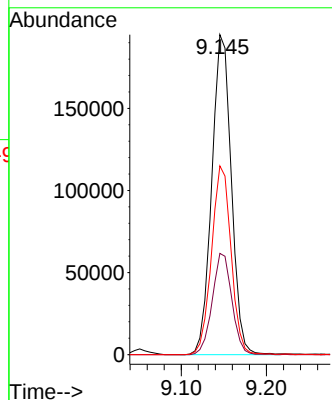
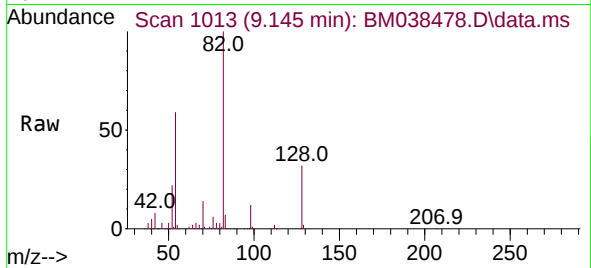
#23
Nitrobenzene-d5
Concen: 77.585 ng
RT: 9.145 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion: 82 Resp: 310574
Ion Ratio Lower Upper
82 100
128 31.6 27.0 40.6
54 59.0 45.0 67.6

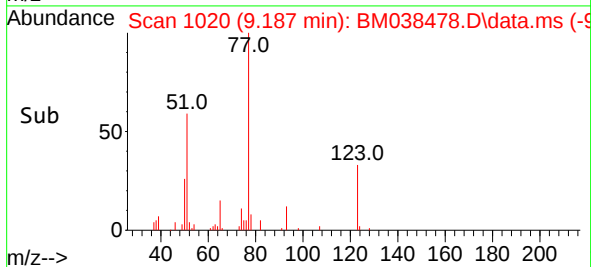
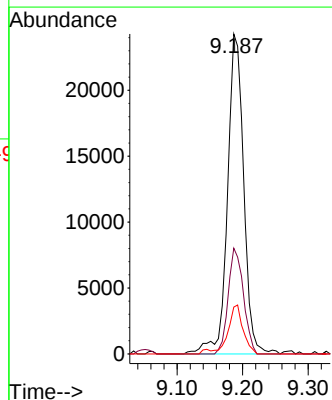
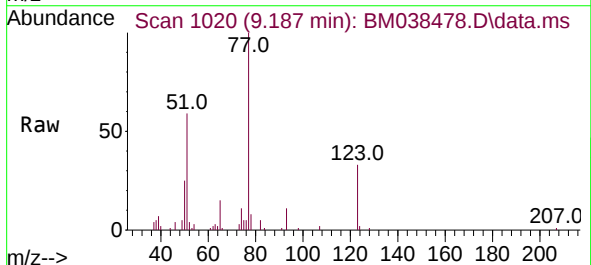
Manual Integrations
APPROVED

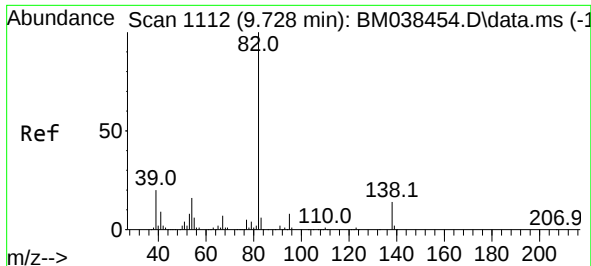
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#24
Nitrobenzene
Concen: 9.890 ng
RT: 9.187 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Tgt Ion: 77 Resp: 41828
Ion Ratio Lower Upper
77 100
123 33.0 28.2 42.4
65 14.6 12.1 18.1





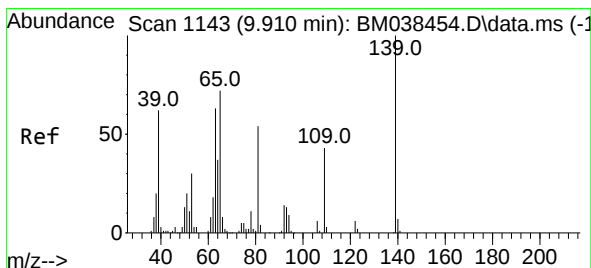
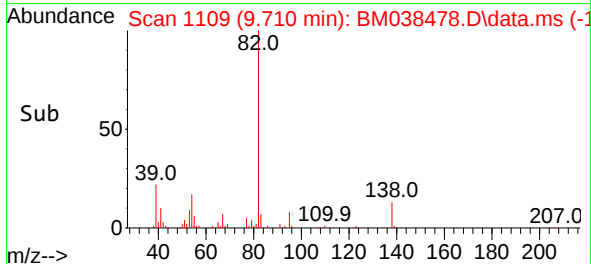
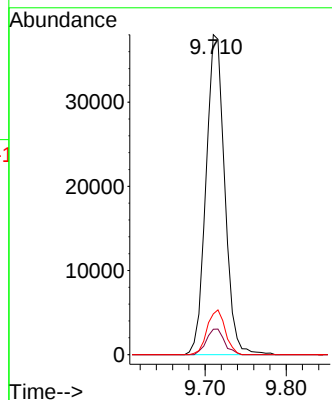
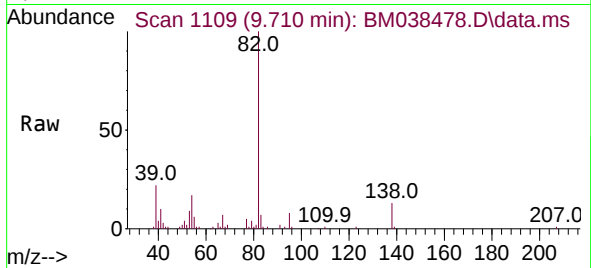
#25
Isophorone
Concen: 8.594 ng
RT: 9.710 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion: 82 Resp: 60933
Ion Ratio Lower Upper
82 100
95 7.9 6.1 9.1
138 12.7 11.5 17.3

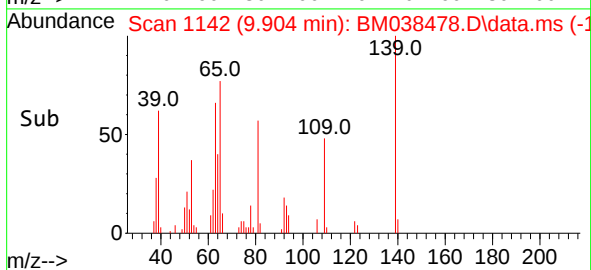
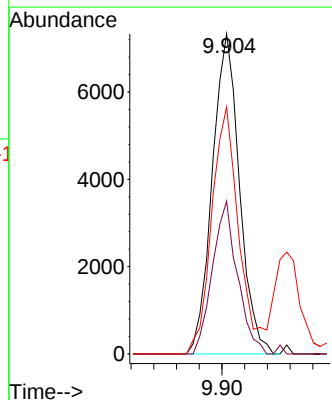
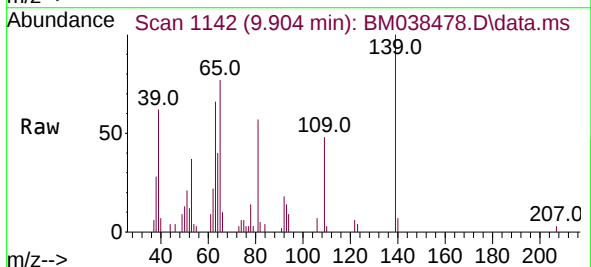
Manual Integrations
APPROVED

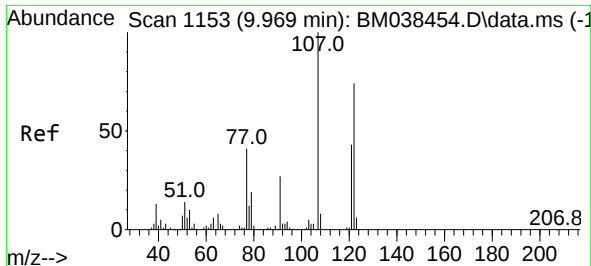
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#26
2-Nitrophenol
Concen: 8.196 ng
RT: 9.904 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Tgt Ion:139 Resp: 12170
Ion Ratio Lower Upper
139 100
109 47.7 34.7 52.1
65 77.1 57.4 86.0





#27

2,4-Dimethylphenol

Concen: 8.295 ng

RT: 9.957 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BM038478.D

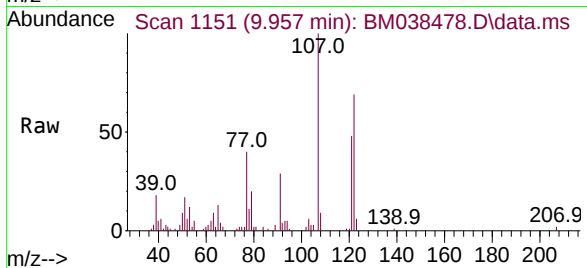
Acq: 18 Jan 2023 13:50

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022



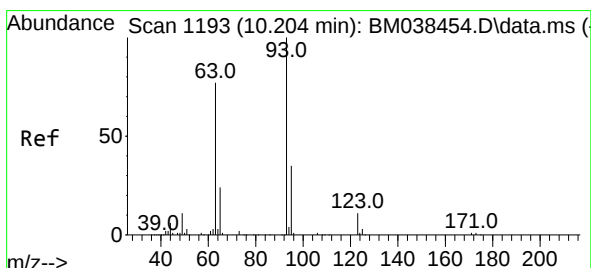
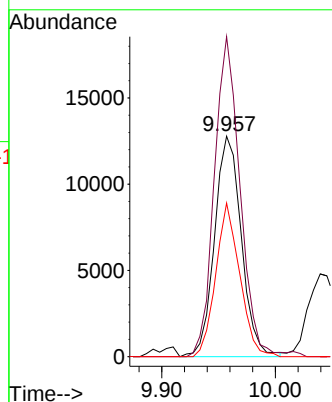
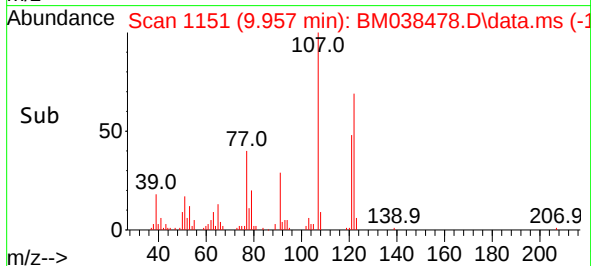
Tgt Ion:	122	Resp:	20973
Ion Ratio	Lower	Upper	
122	100		
107	145.2	107.4	161.0
121	69.6	46.6	70.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/19/2023

Supervised By :Jagrut Upadhyay 01/19/2023



#28

bis(2-Chloroethoxy)methane

Concen: 9.081 ng

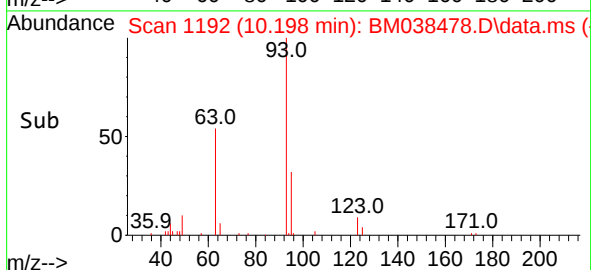
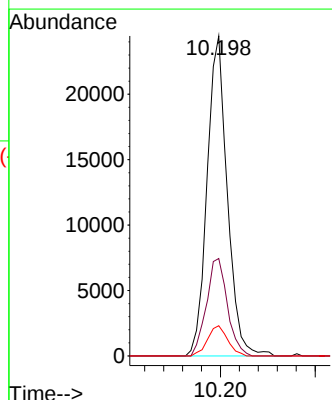
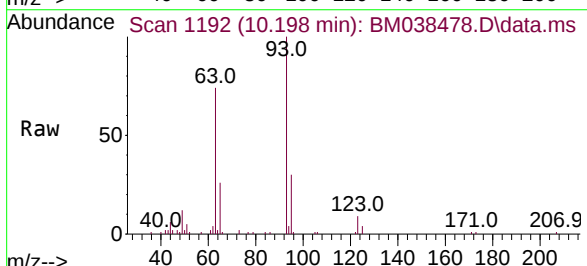
RT: 10.198 min Scan# 1192

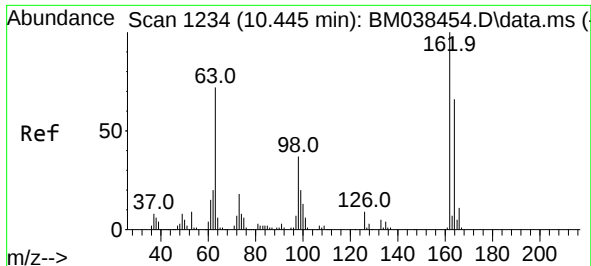
Delta R.T. 0.000 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

Tgt Ion:	93	Resp:	36211
Ion Ratio	Lower	Upper	
93	100		
95	30.4	27.7	41.5
123	9.4	8.6	13.0





#29

2,4-Dichlorophenol

Concen: 8.216 ng

RT: 10.434 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

Instrument :

BNA_M

ClientSampleId :

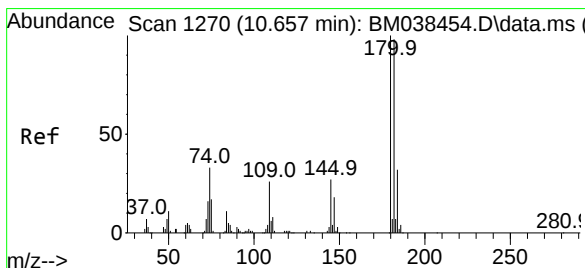
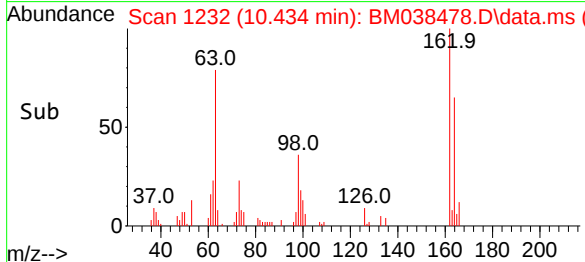
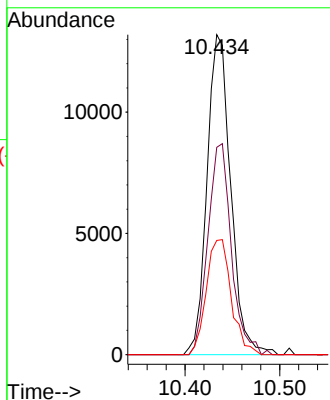
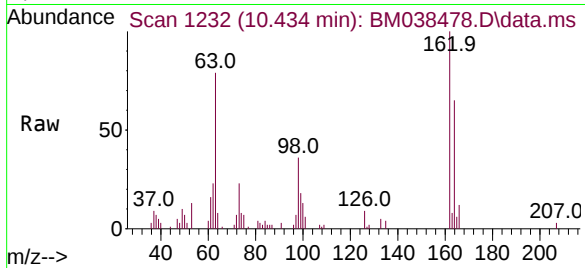
LOQ-WATER-02-QT3-2022

Tgt Ion:	162	Resp:	22949
Ion Ratio	Lower	Upper	
162	100		
164	64.8	46.5	86.5
98	35.7	17.1	57.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#30

1,2,4-Trichlorobenzene

Concen: 8.627 ng

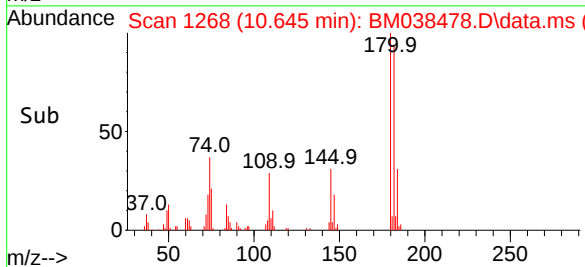
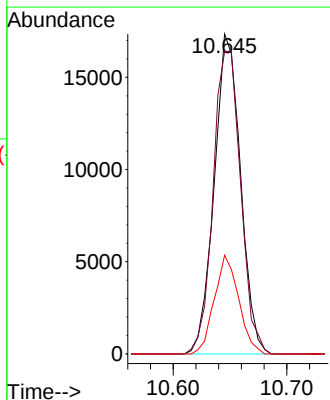
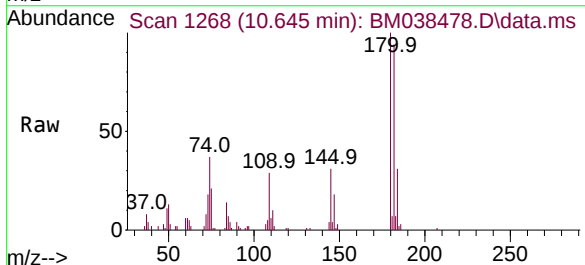
RT: 10.645 min Scan# 1268

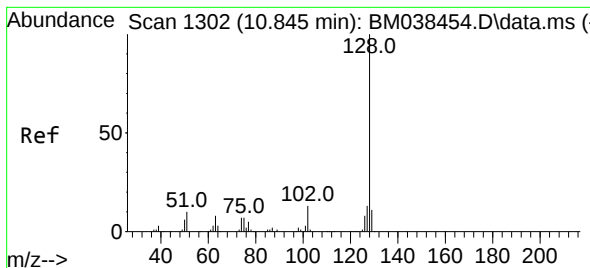
Delta R.T. -0.006 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

Tgt Ion:	180	Resp:	27867
Ion Ratio	Lower	Upper	
180	100		
182	94.5	78.1	117.1
145	30.8	21.9	32.9





#31

Naphthalene

Concen: 9.072 ng

RT: 10.834 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

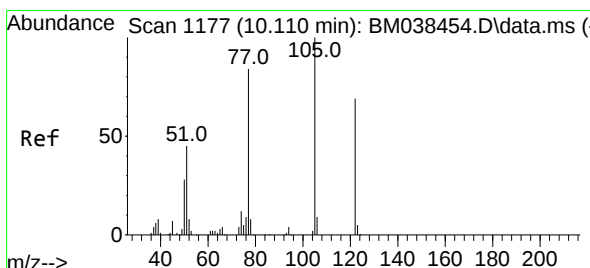
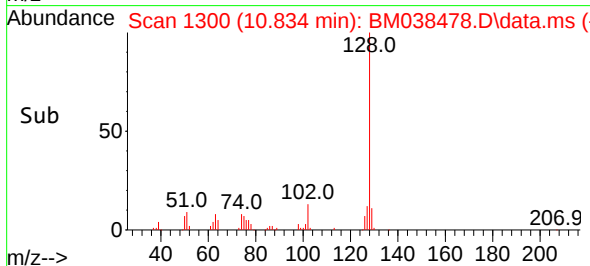
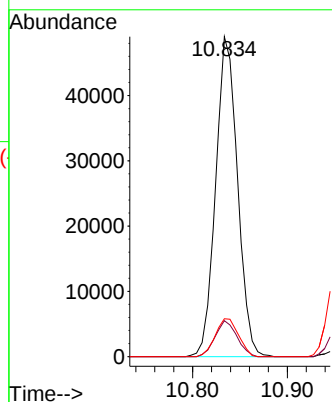
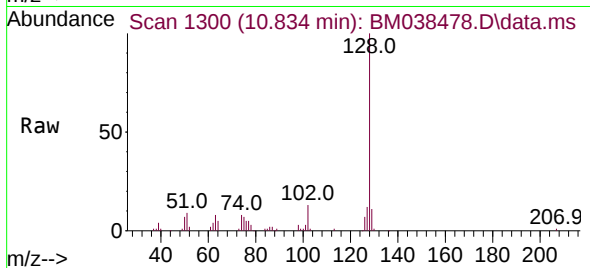
Tgt Ion:128	Resp:	7842
Ion Ratio	Lower	Upper
128	100	
129	11.2	8.9 13.3
127	11.8	10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/19/2023

Supervised By :Jagrut Upadhyay 01/19/2023



#32

Benzoic acid

Concen: 10.150 ng m

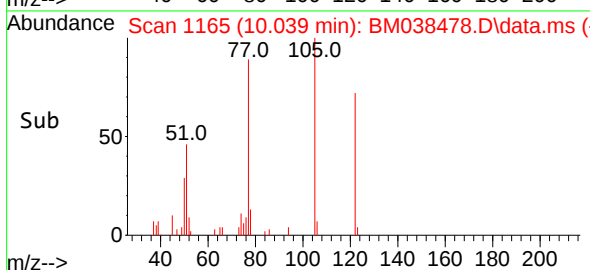
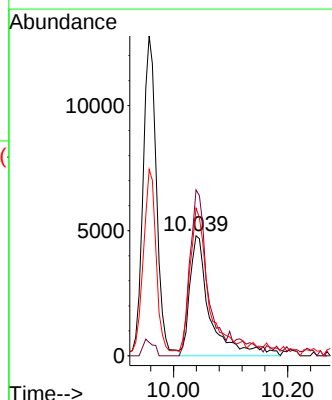
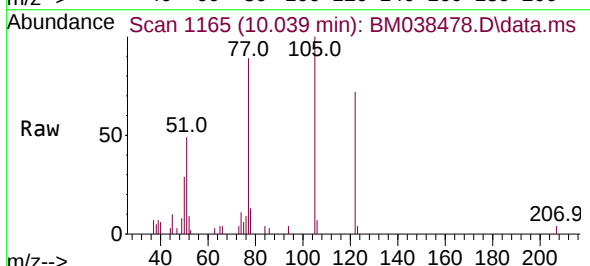
RT: 10.039 min Scan# 1165

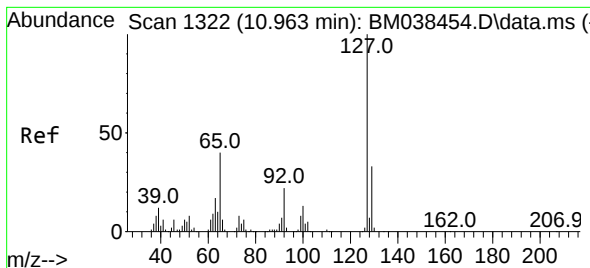
Delta R.T. -0.059 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

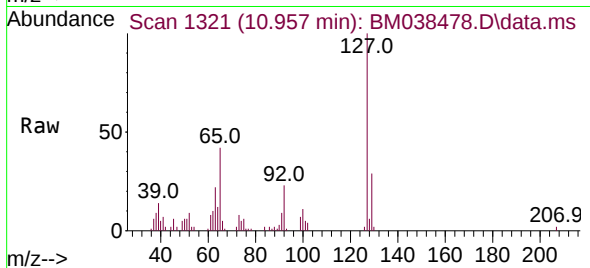
Tgt Ion:122	Resp:	11860
Ion Ratio	Lower	Upper
122	100	
105	138.4	122.6 162.6
77	123.1	101.5 141.5





#33
4-Chloroaniline
Concen: 8.096 ng
RT: 10.957 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

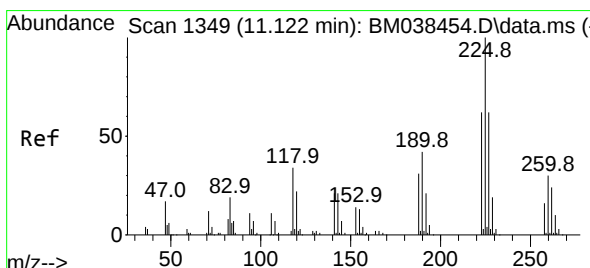
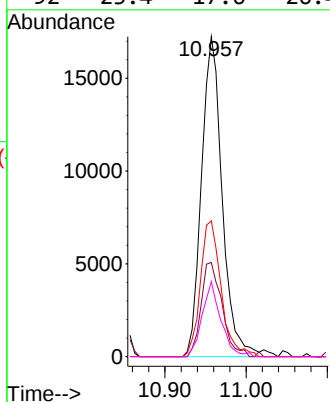
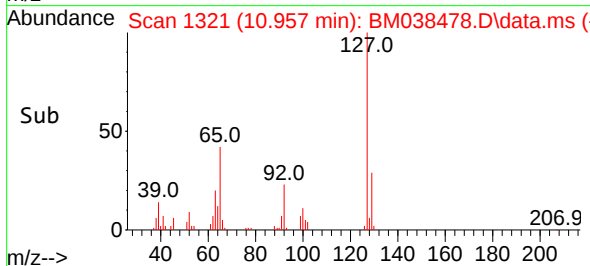
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



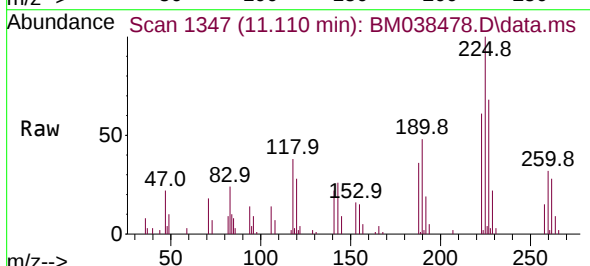
Tgt Ion	Ratio	Lower	Upper
127	100		
129	29.4	26.4	39.6
65	42.4	32.1	48.1
92	23.4	17.6	26.4

Manual Integrations
APPROVED

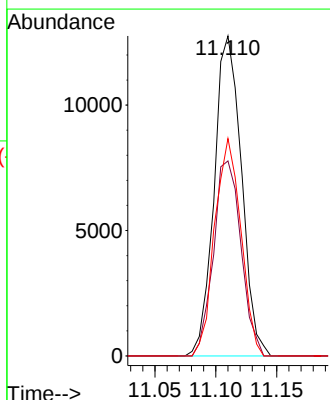
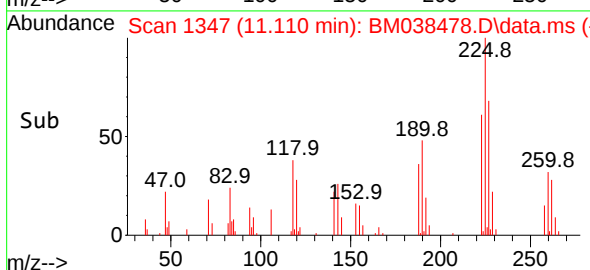
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

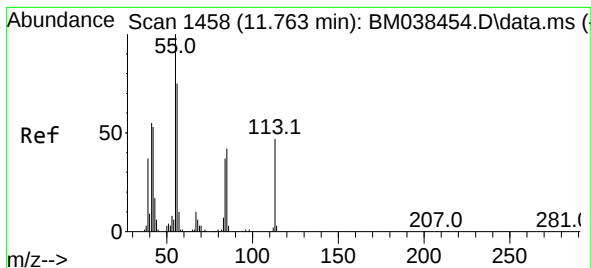


#34
Hexachlorobutadiene
Concen: 8.776 ng
RT: 11.110 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50



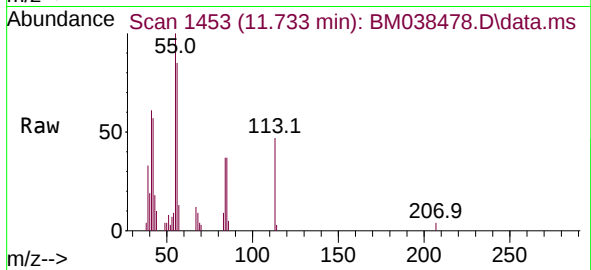
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.8	74.8
227	71.4	49.6	74.4





#35
Caprolactam
Concen: 6.623 ng
RT: 11.733 min Scan# 1453
Delta R.T. -0.017 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

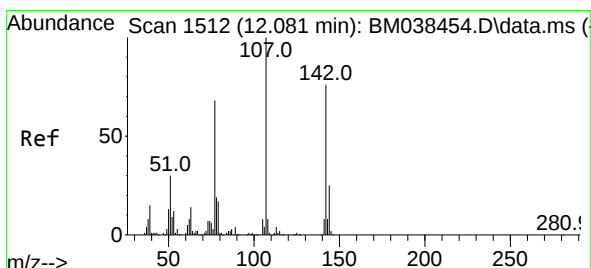
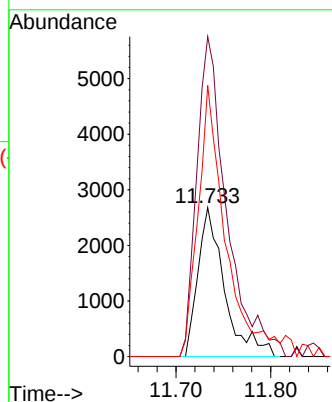
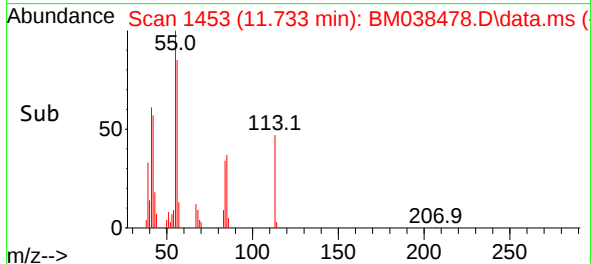
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



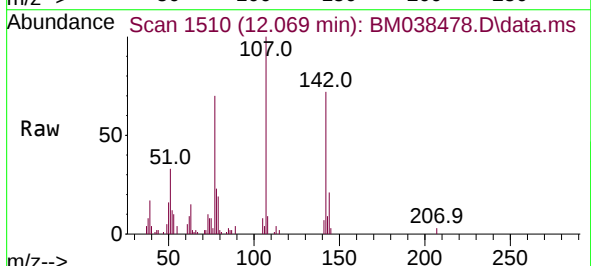
Tgt Ion:113 Resp: 5229
Ion Ratio Lower Upper
113 100
55 214.9 194.2 234.2
56 182.0 141.6 181.6

Manual Integrations
APPROVED

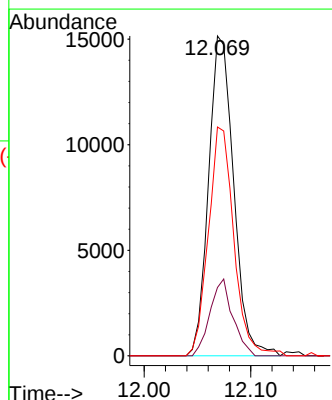
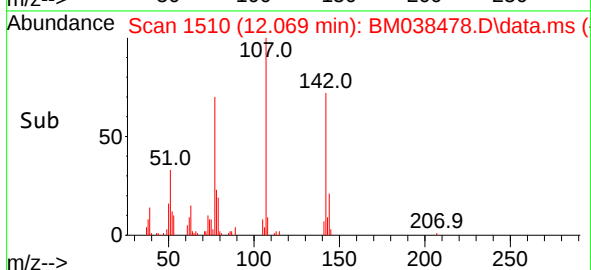
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

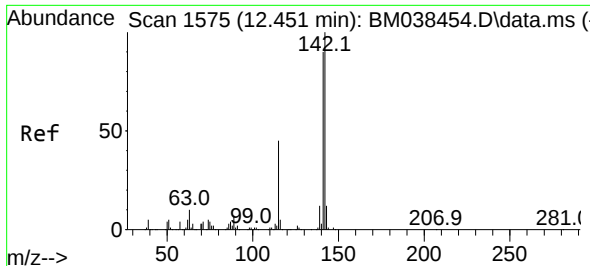


#36
4-Chloro-3-methylphenol
Concen: 8.152 ng
RT: 12.069 min Scan# 1510
Delta R.T. -0.006 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50



Tgt Ion:107 Resp: 24829
Ion Ratio Lower Upper
107 100
144 21.4 20.3 30.5
142 71.5 61.2 91.8





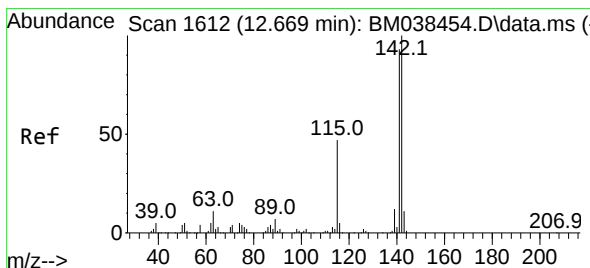
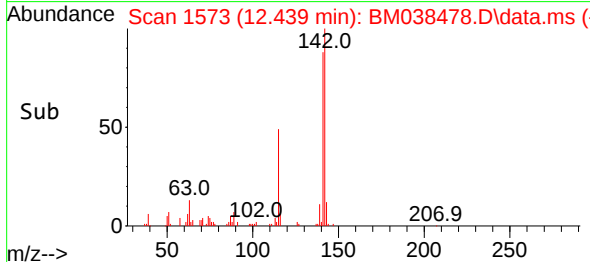
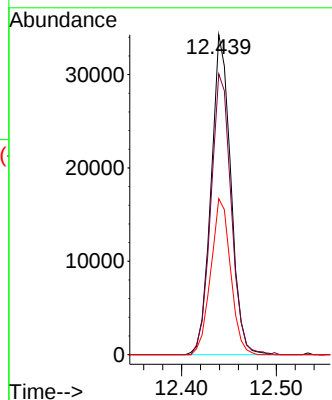
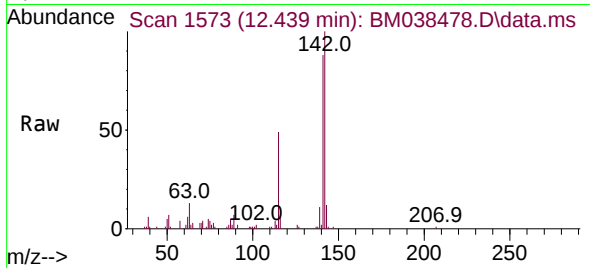
#37
2-Methylnaphthalene
Concen: 7.814 ng
RT: 12.439 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion:142 Resp: 4938
Ion Ratio Lower Upper
142 100
141 87.7 72.0 108.0
115 48.7 35.9 53.9

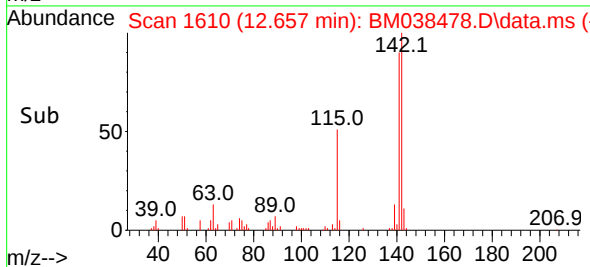
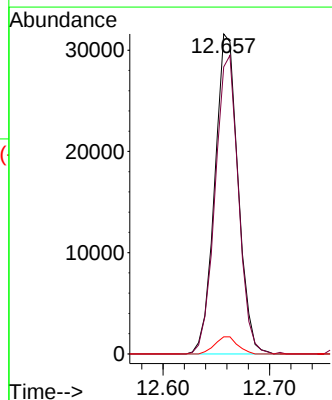
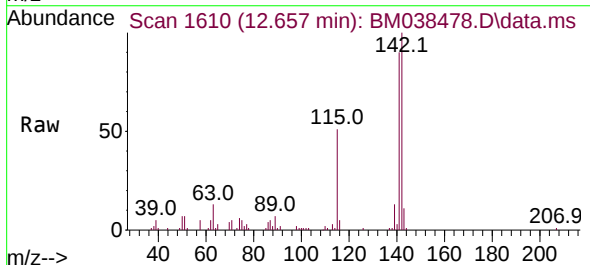
Manual Integrations
APPROVED

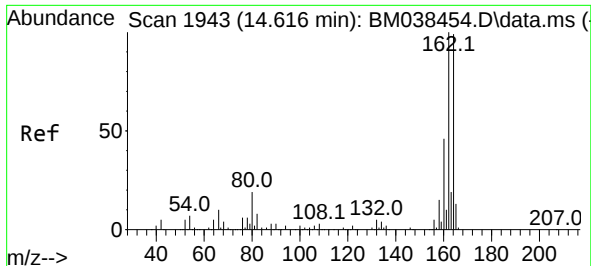
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#38
1-Methylnaphthalene
Concen: 8.093 ng
RT: 12.657 min Scan# 1610
Delta R.T. -0.006 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

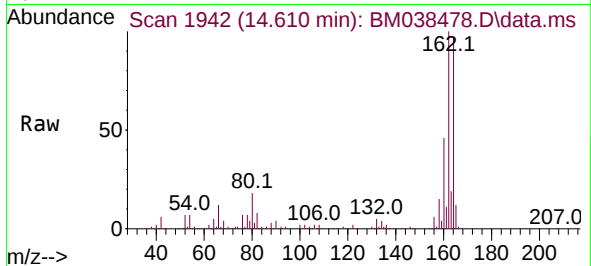
Tgt Ion:142 Resp: 48022
Ion Ratio Lower Upper
142 100
141 89.7 74.4 111.6
116 5.3 3.8 5.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

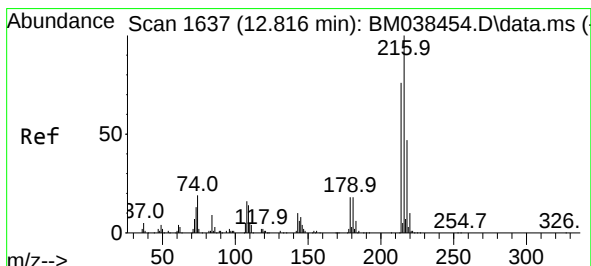
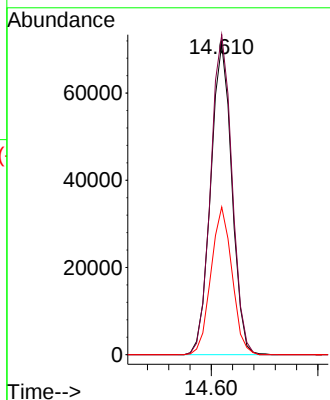
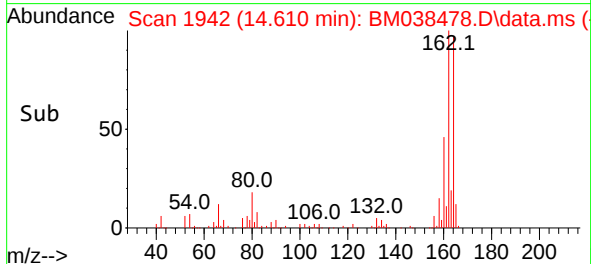
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:164 Resp: 98454
Ion Ratio Lower Upper
164 100
162 103.0 80.9 121.3
160 47.5 37.4 56.0

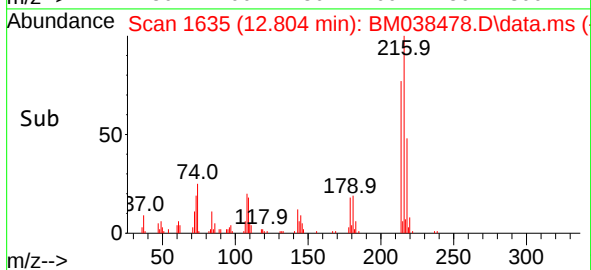
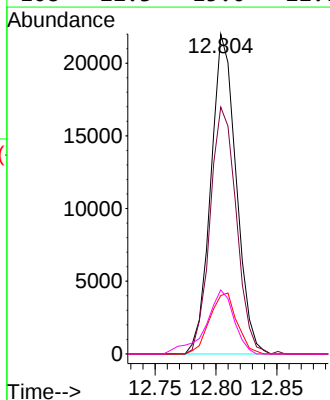
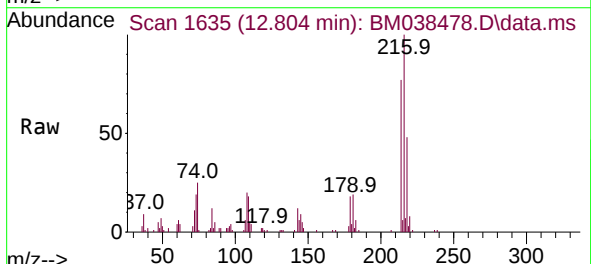
Manual Integrations
APPROVED

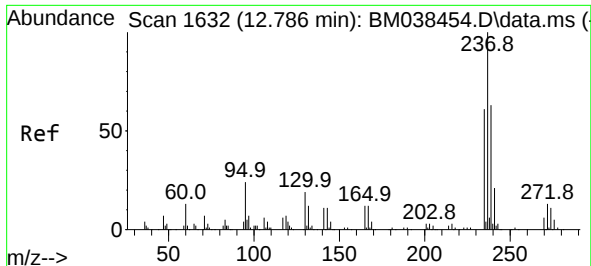
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.637 ng
RT: 12.804 min Scan# 1635
Delta R.T. -0.006 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

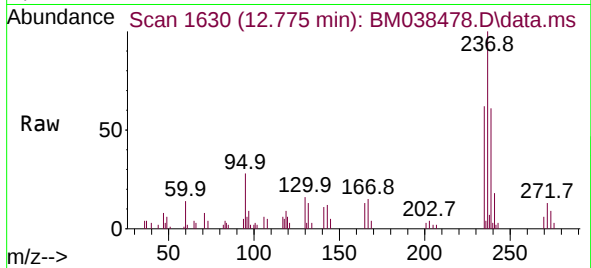
Tgt Ion:216 Resp: 31825
Ion Ratio Lower Upper
216 100
214 80.1 61.4 92.0
179 20.4 15.3 22.9
108 22.3 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 8.871 ng
RT: 12.775 min Scan# 1630
Delta R.T. -0.006 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

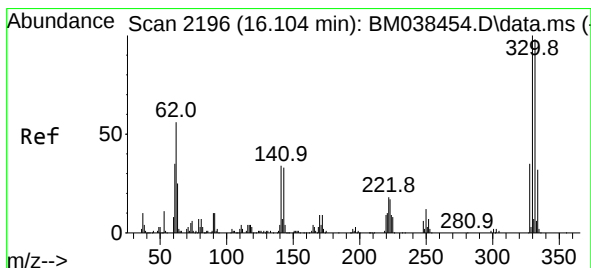
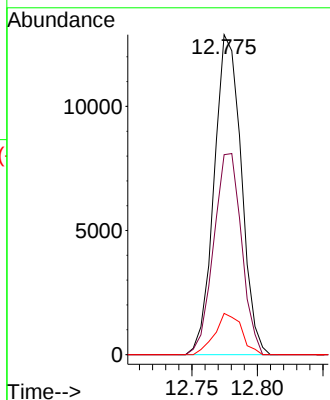
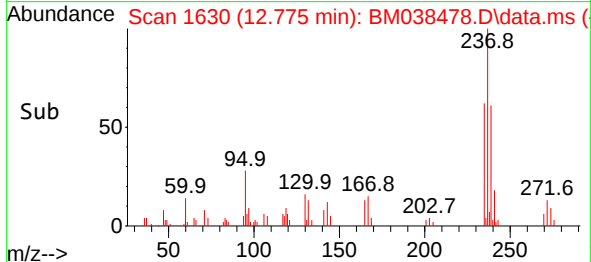
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:237 Resp: 1858
Ion Ratio Lower Upper
237 100
235 62.5 40.9 80.9
272 12.9 0.0 32.6

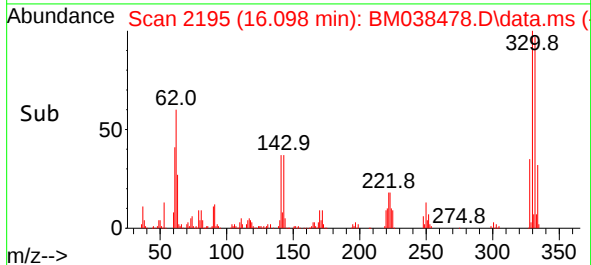
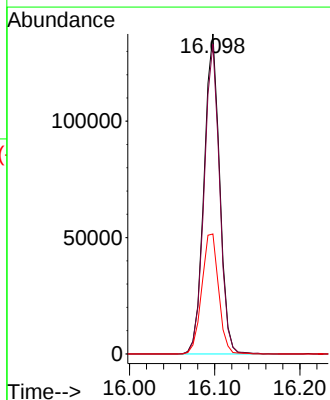
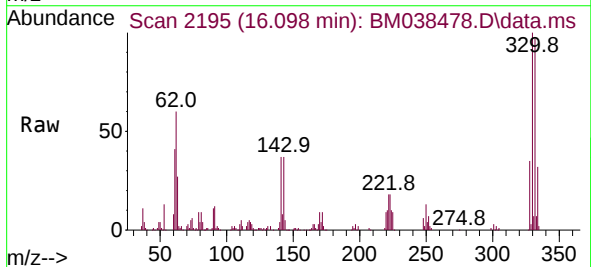
Manual Integrations
APPROVED

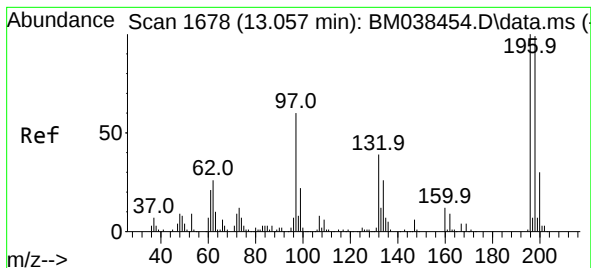
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#42
2,4,6-Tribromophenol
Concen: 105.064 ng
RT: 16.098 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Tgt Ion:330 Resp: 174865
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.4
141 40.2 28.1 42.1





#43

2,4,6-Trichlorophenol

Concen: 8.159 ng

RT: 13.051 min Scan# 1677

Delta R.T. 0.000 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

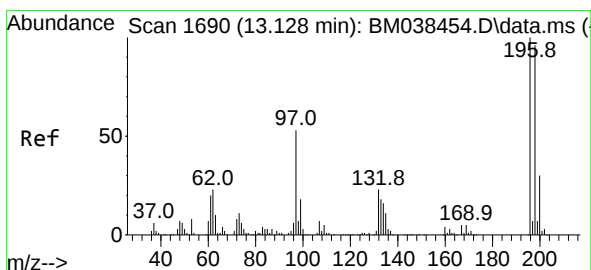
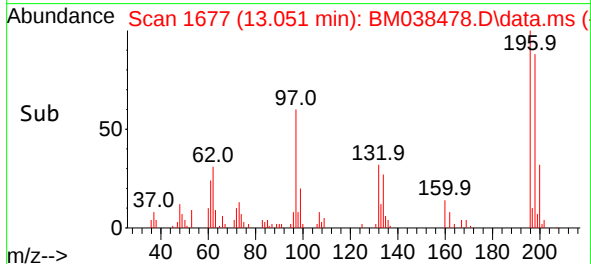
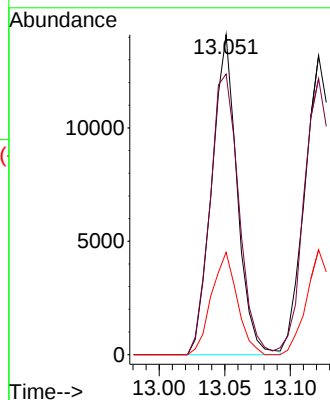
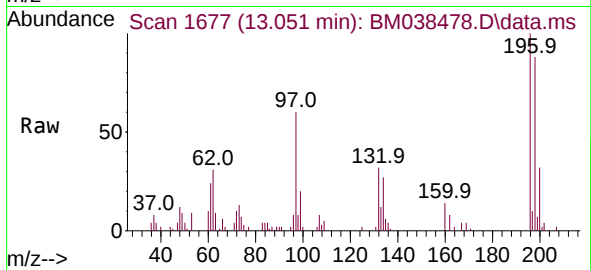
Tgt Ion:196	Resp:	19000	
Ion Ratio	Lower	Upper	
196	100		
198	87.7	78.8	118.2
200	32.0	24.4	36.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/19/2023

Supervised By :Jagrut Upadhyay 01/19/2023



#44

2,4,5-Trichlorophenol

Concen: 7.683 ng

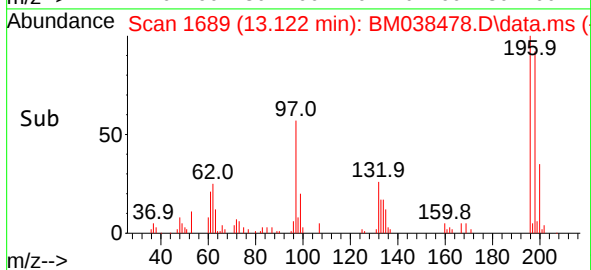
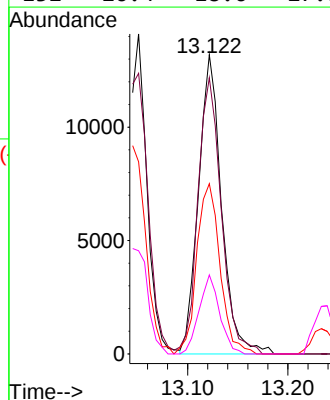
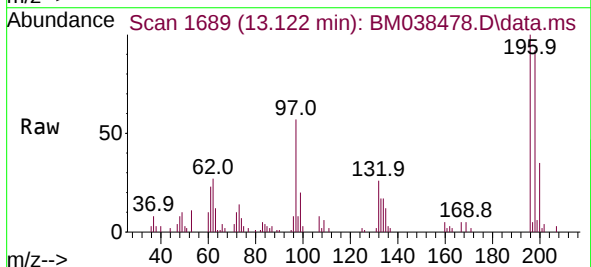
RT: 13.122 min Scan# 1689

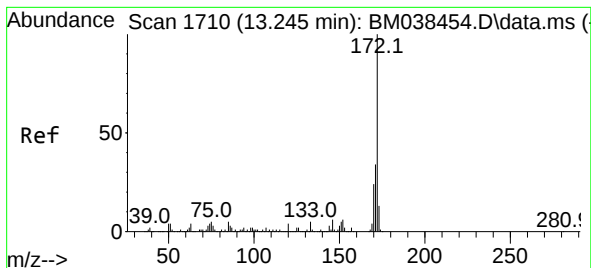
Delta R.T. 0.000 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

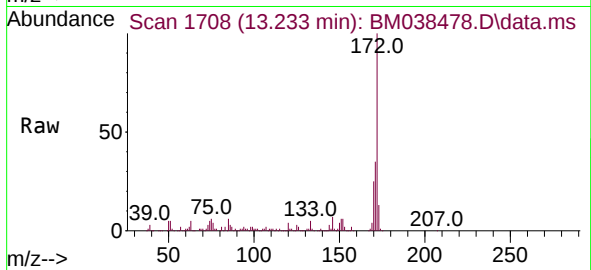
Tgt Ion:196	Resp:	21100	
Ion Ratio	Lower	Upper	
196	100		
198	92.3	77.4	116.2
97	56.9	42.4	63.6
132	26.4	18.6	27.8





#45
2-Fluorobiphenyl
Concen: 72.665 ng
RT: 13.233 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

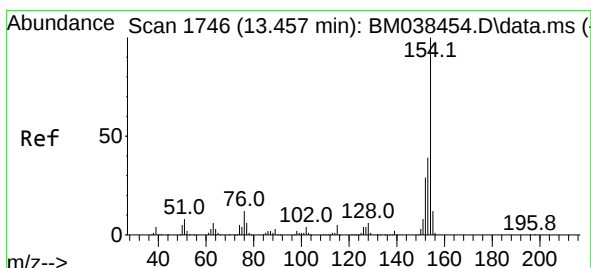
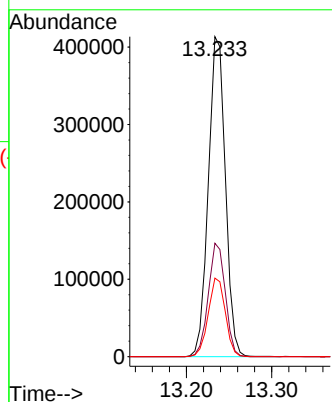
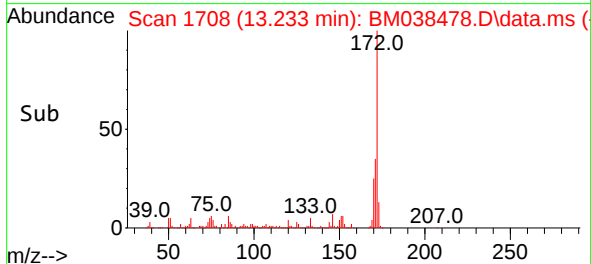
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT3-2022



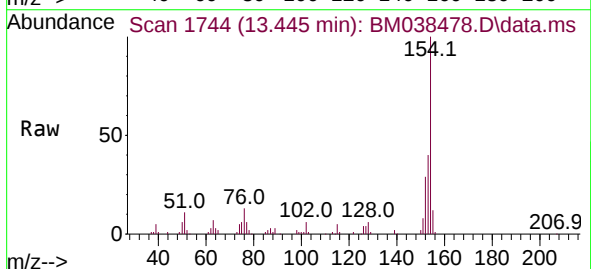
Tgt Ion:172 Resp: 57366
Ion Ratio Lower Upper
172 100
171 35.4 27.5 41.3
170 24.5 19.0 28.6

Manual Integrations
APPROVED

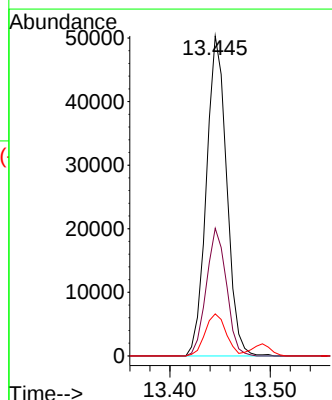
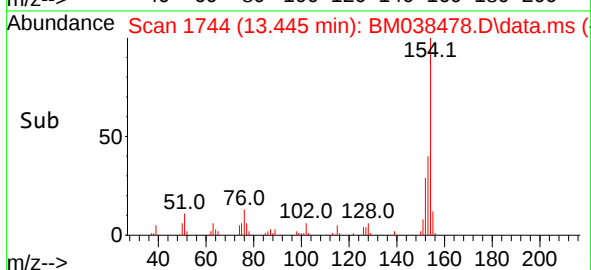
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

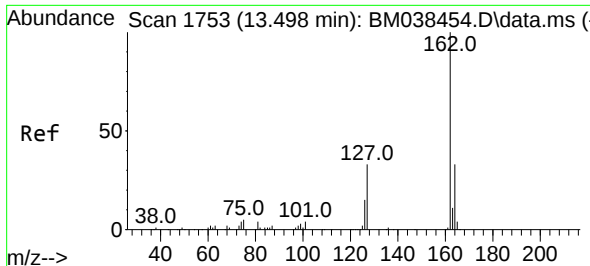


#46
1,1'-Biphenyl
Concen: 9.241 ng
RT: 13.445 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50



Tgt Ion:154 Resp: 70583
Ion Ratio Lower Upper
154 100
153 39.9 19.3 59.3
76 13.1 0.0 32.2





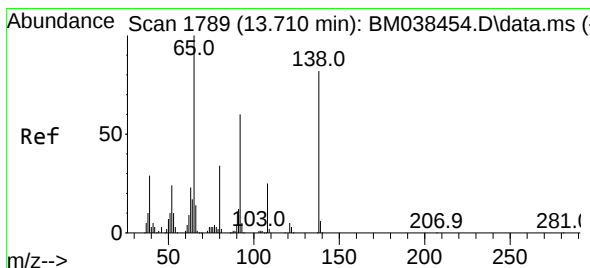
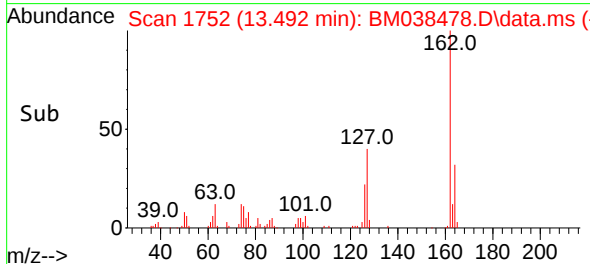
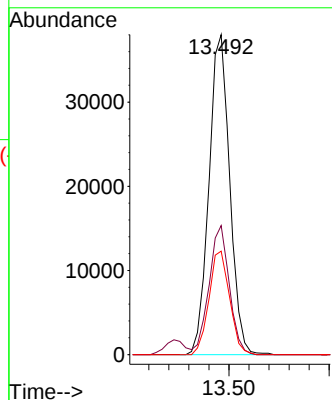
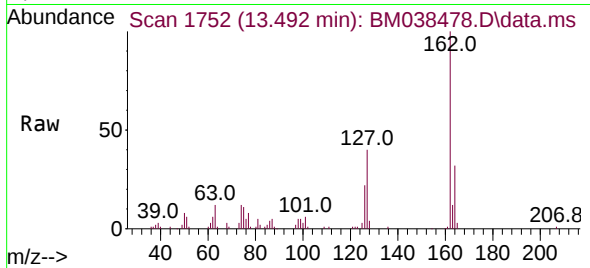
#47
2-Chloronaphthalene
Concen: 9.094 ng
RT: 13.492 min Scan# 1752
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion:162 Resp: 54674
Ion Ratio Lower Upper
162 100
127 40.3 29.5 44.3
164 32.3 26.2 39.4

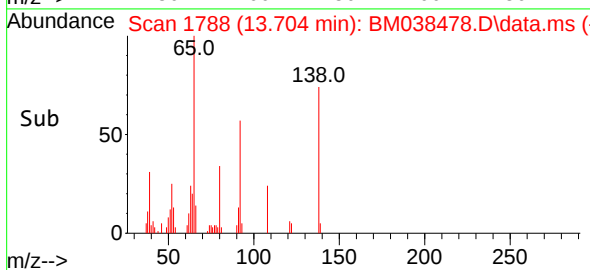
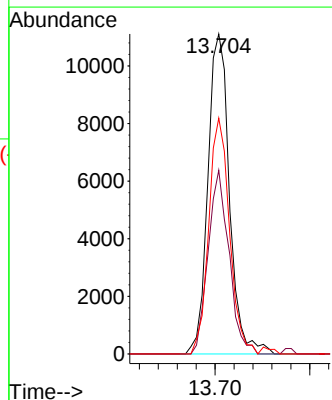
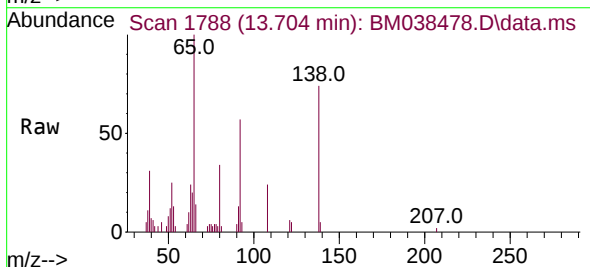
Manual Integrations
APPROVED

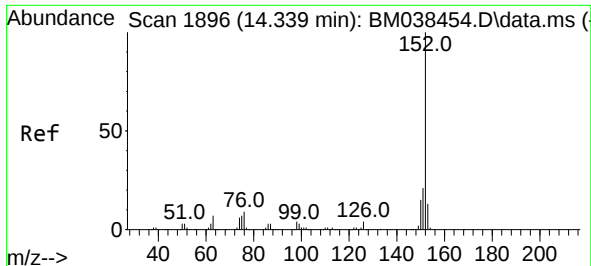
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#48
2-Nitroaniline
Concen: 9.340 ng
RT: 13.704 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Tgt Ion: 65 Resp: 17577
Ion Ratio Lower Upper
65 100
92 57.4 47.6 71.4
138 73.7 65.8 98.8





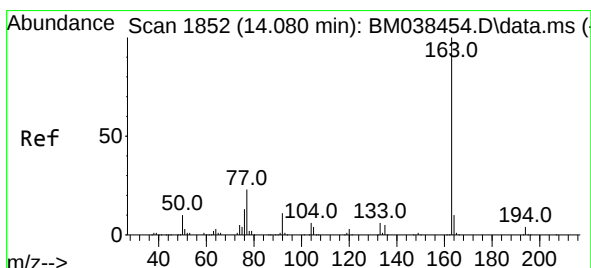
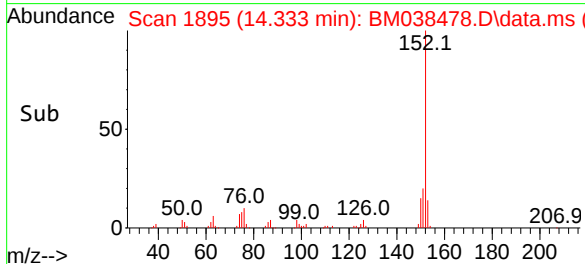
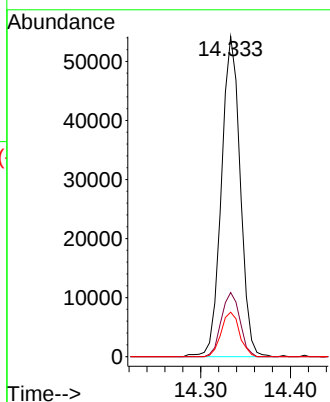
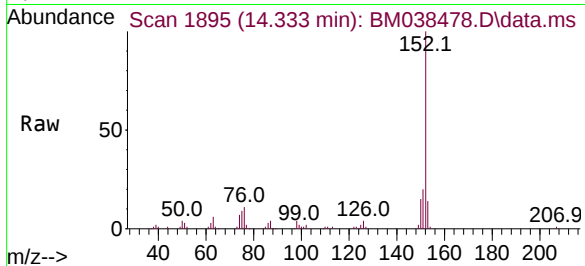
#49
Acenaphthylene
Concen: 8.341 ng
RT: 14.333 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion:152 Resp: 79058
Ion Ratio Lower Upper
152 100
151 20.0 16.4 24.6
153 13.9 10.6 15.8

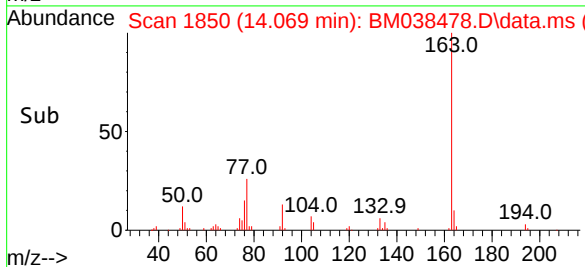
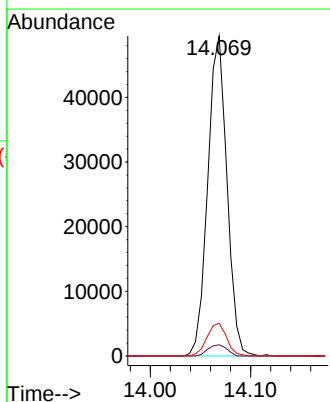
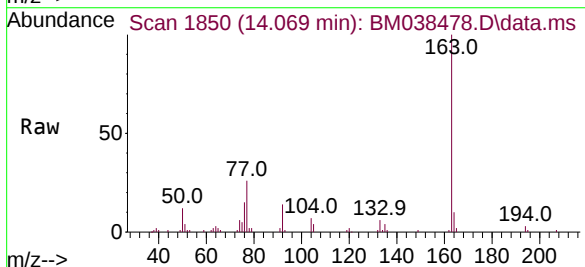
Manual Integrations
APPROVED

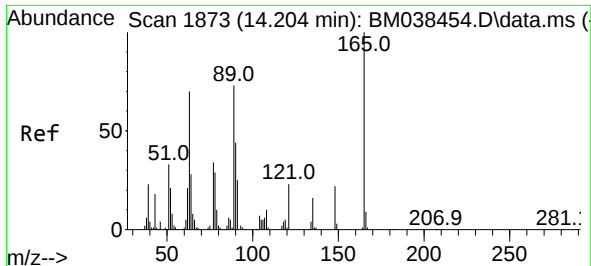
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#50
Dimethylphthalate
Concen: 8.250 ng
RT: 14.069 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

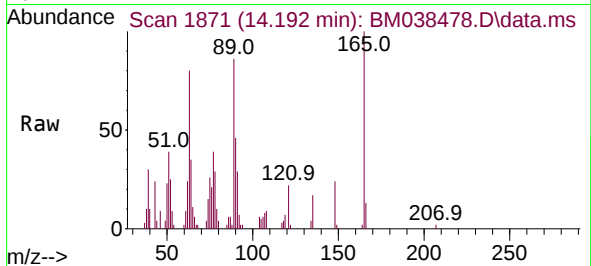
Tgt Ion:163 Resp: 65831
Ion Ratio Lower Upper
163 100
194 3.5 3.6 5.4#
164 10.2 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 7.895 ng
RT: 14.192 min Scan# 1873
Delta R.T. -0.006 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

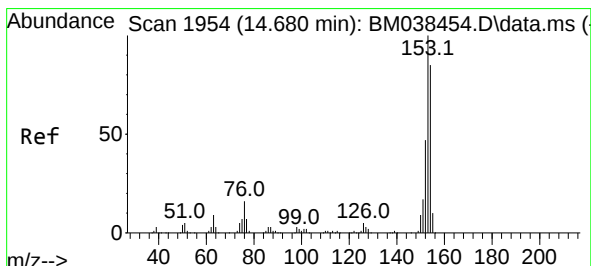
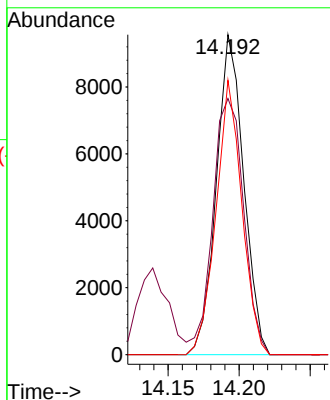
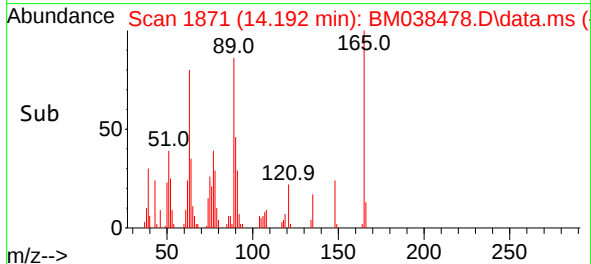
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:165 Resp: 12815
Ion Ratio Lower Upper
165 100
63 80.0 60.9 91.3
89 85.7 58.6 87.8

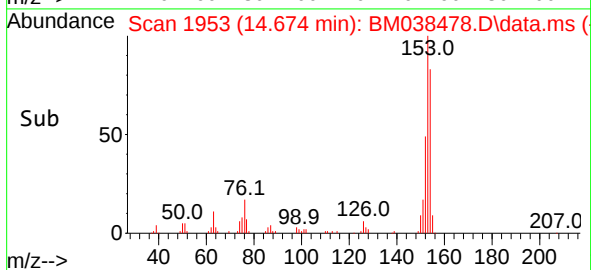
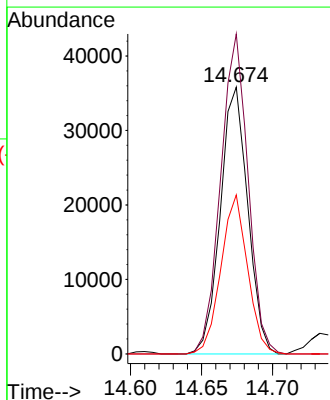
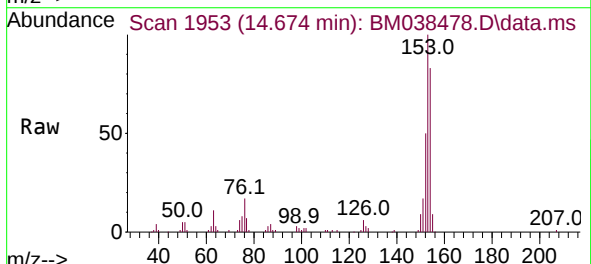
Manual Integrations
APPROVED

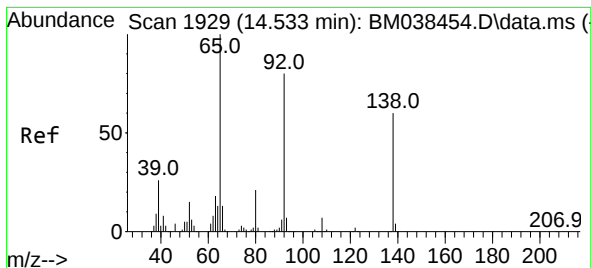
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#52
Acenaphthene
Concen: 8.367 ng
RT: 14.674 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Tgt Ion:154 Resp: 48192
Ion Ratio Lower Upper
154 100
153 119.9 93.8 140.6
152 59.6 44.2 66.4





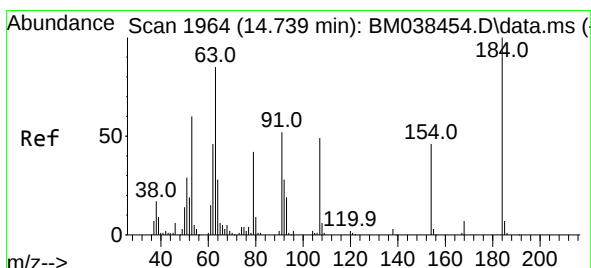
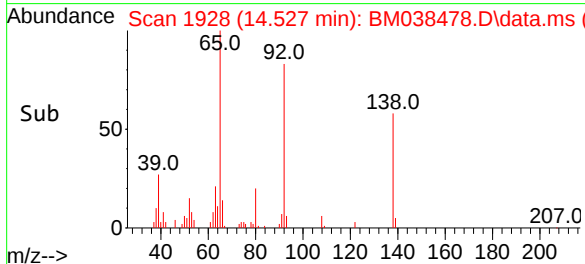
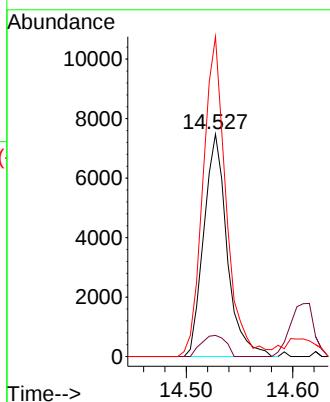
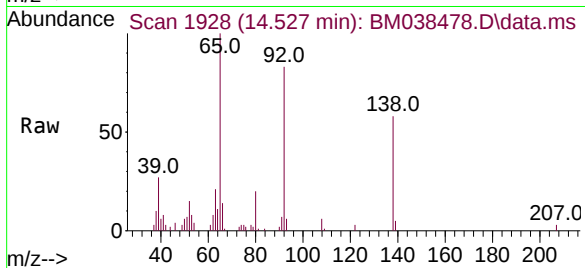
#53
3-Nitroaniline
Concen: 8.655 ng
RT: 14.527 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion:138 Resp: 11359
Ion Ratio Lower Upper
138 100
108 9.6 8.9 13.3
92 143.8 106.4 159.6

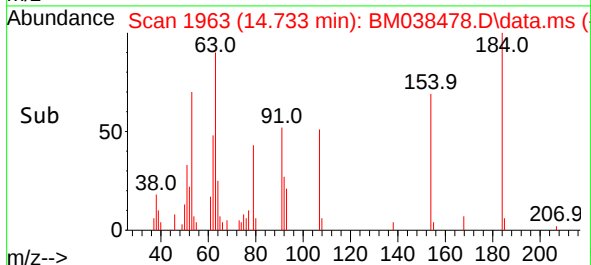
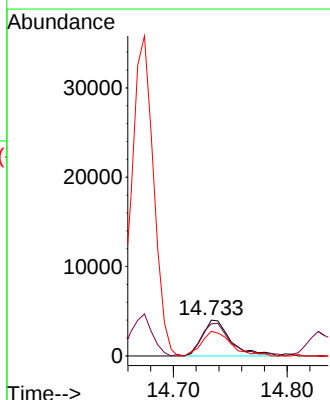
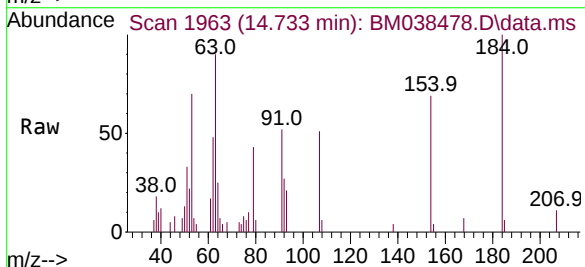
Manual Integrations
APPROVED

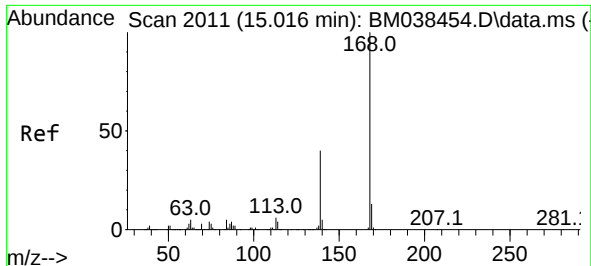
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#54
2,4-Dinitrophenol
Concen: 10.388 ng
RT: 14.733 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

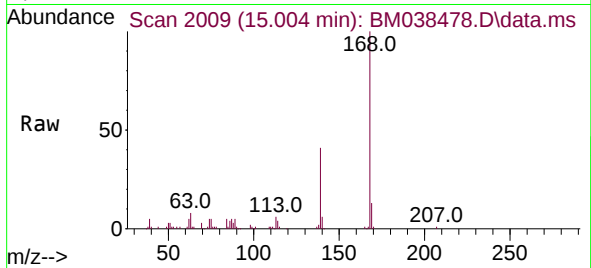
Tgt Ion:184 Resp: 6941
Ion Ratio Lower Upper
184 100
63 89.6 70.0 105.0
154 68.8 55.6 83.4





#55
Dibenzenofuran
Concen: 8.417 ng
RT: 15.004 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

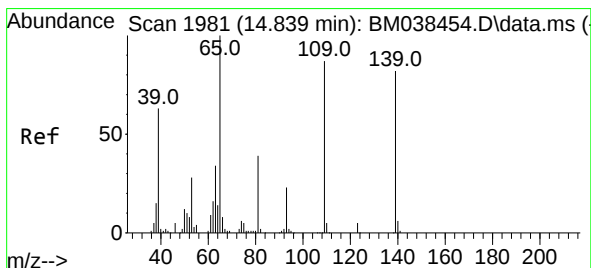
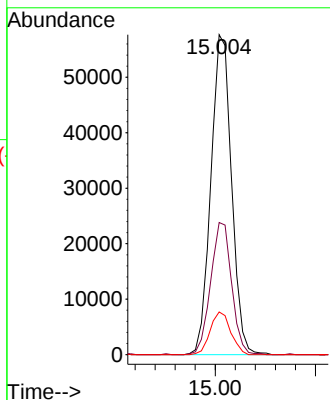
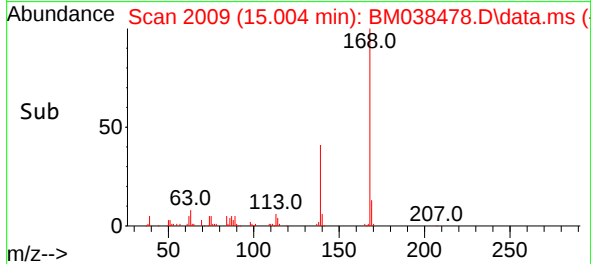
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:168 Resp: 82543
Ion Ratio Lower Upper
168 100
139 41.3 31.9 47.9
169 13.3 10.5 15.7

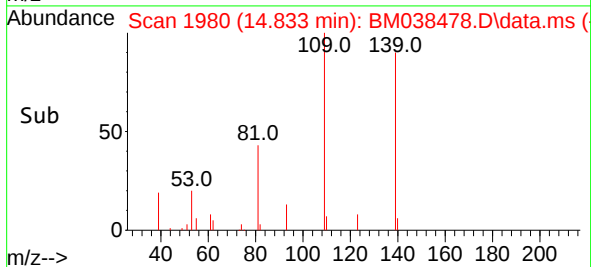
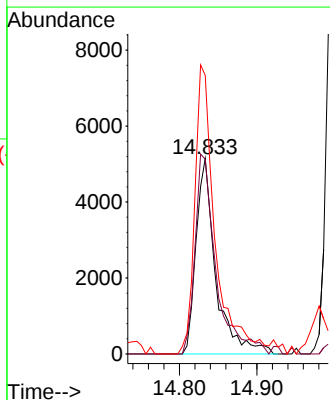
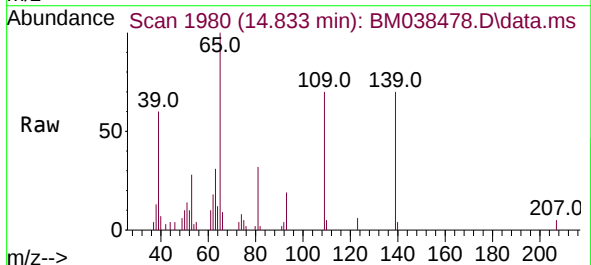
Manual Integrations
APPROVED

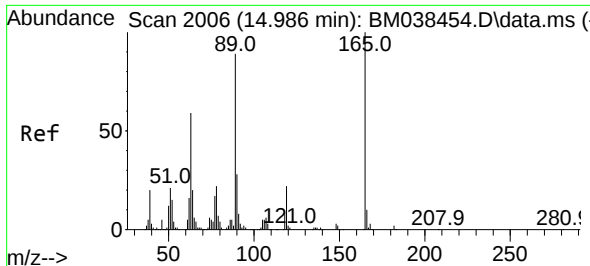
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#56
4-Nitrophenol
Concen: 9.760 ng
RT: 14.833 min Scan# 1980
Delta R.T. 0.006 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

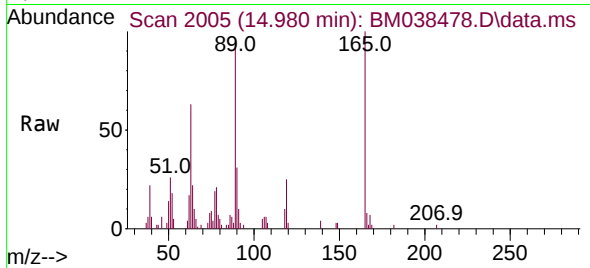
Tgt Ion:139 Resp: 9110
Ion Ratio Lower Upper
139 100
109 99.6 86.0 126.0
65 142.4 102.7 142.7





#57
2,4-Dinitrotoluene
Concen: 7.396 ng
RT: 14.980 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

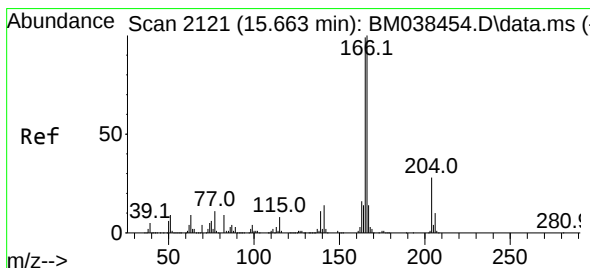
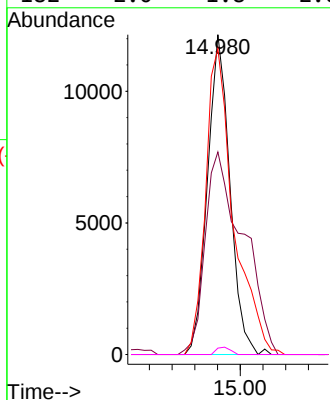
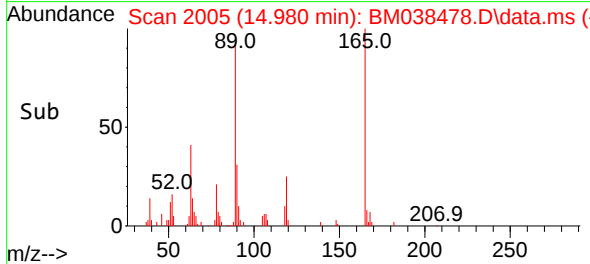
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:165 Resp: 16690
Ion Ratio Lower Upper
165 100
63 63.3 47.7 71.5
89 95.6 71.5 107.3
182 2.0 1.8 2.6

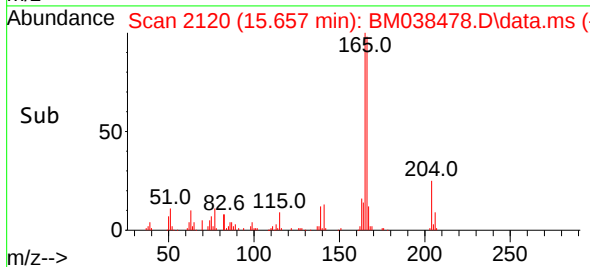
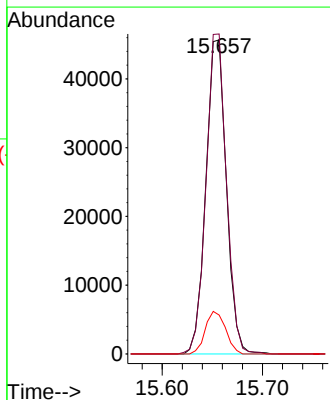
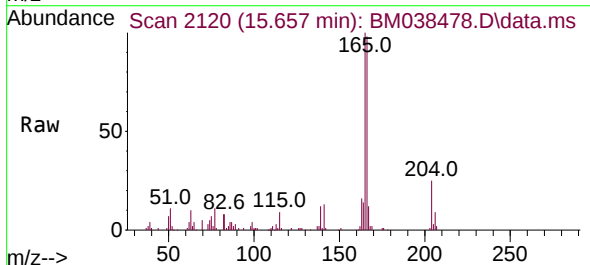
Manual Integrations
APPROVED

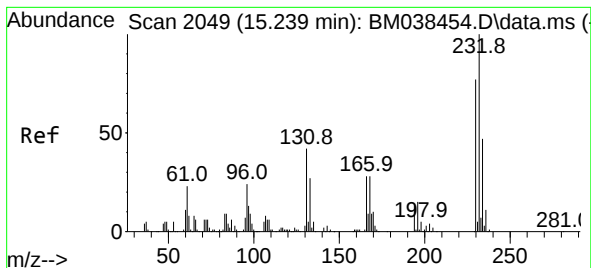
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#58
Fluorene
Concen: 7.911 ng
RT: 15.657 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

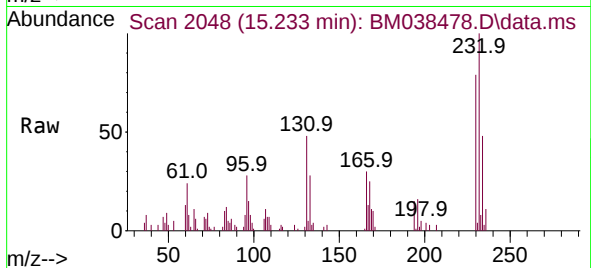
Tgt Ion:166 Resp: 64825
Ion Ratio Lower Upper
166 100
165 101.9 79.2 118.8
167 12.3 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 7.551 ng
RT: 15.233 min Scan# 2049
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

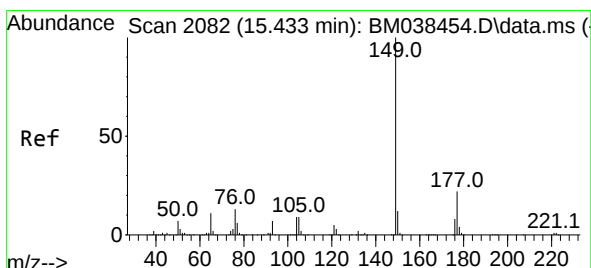
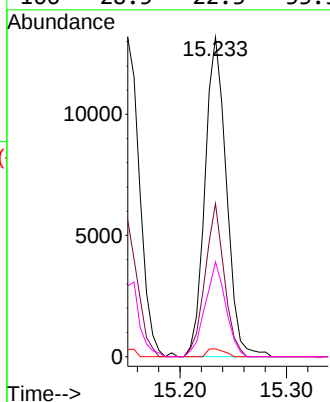
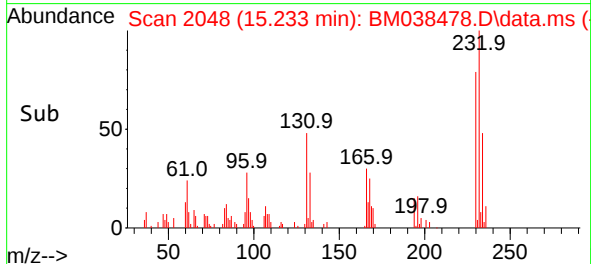
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



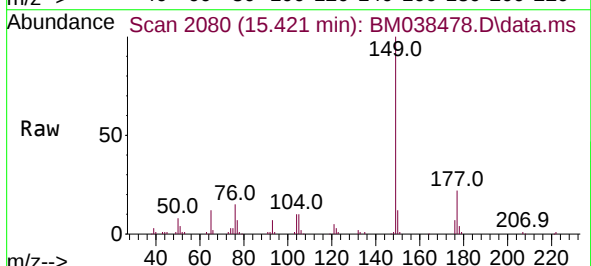
Tgt Ion:232 Resp: 18388
Ion Ratio Lower Upper
232 100
131 43.1 33.8 50.6
130 2.0 1.9 2.9
166 28.5 22.3 33.5

Manual Integrations
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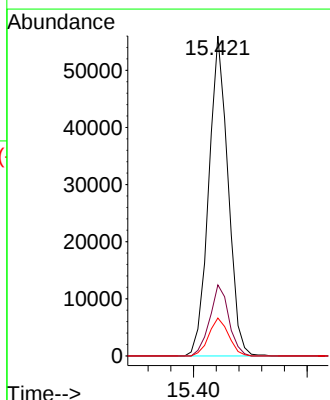
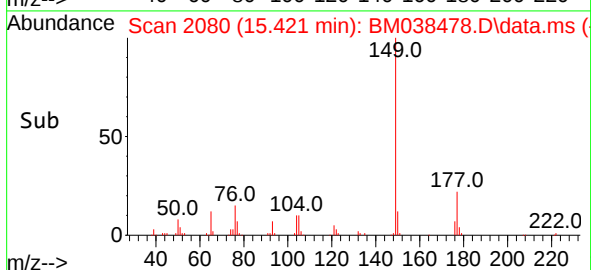
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

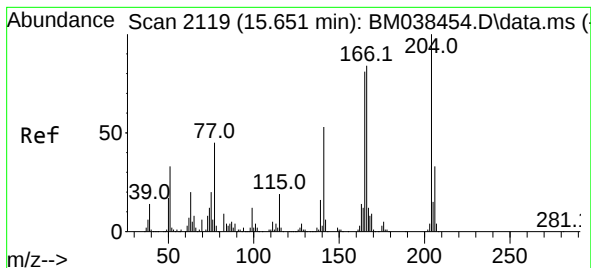


#60
Diethylphthalate
Concen: 8.051 ng
RT: 15.421 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50



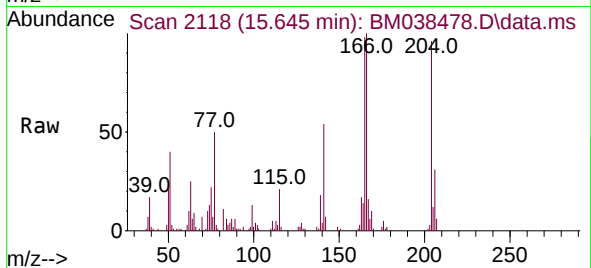
Tgt Ion:149 Resp: 65903
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.6
150 11.8 9.5 14.3





#61
4-Chlorophenyl-phenylether
Concen: 7.844 ng
RT: 15.645 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

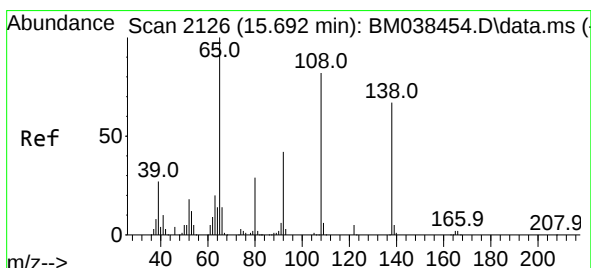
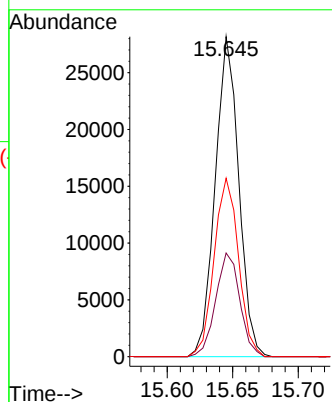
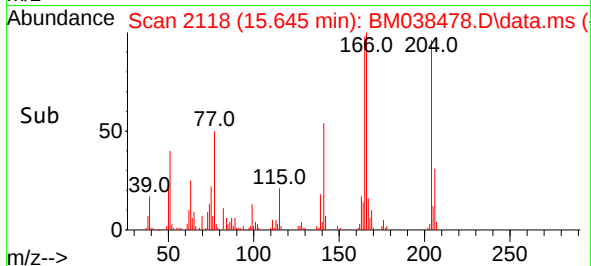
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



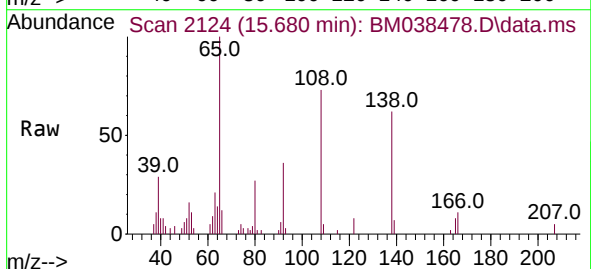
Tgt Ion:204 Resp: 35279
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.4
141 55.7 42.5 63.7

Manual Integrations
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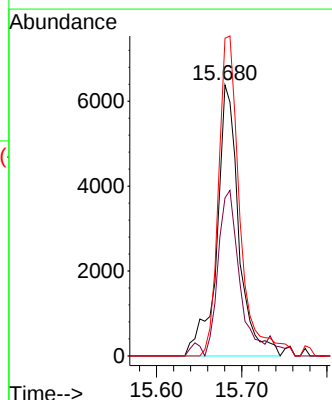
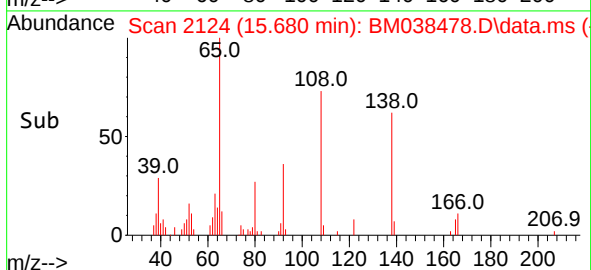
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

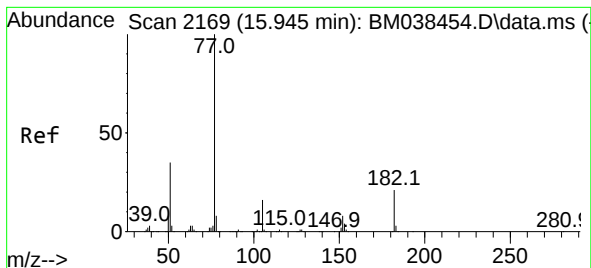


#62
4-Nitroaniline
Concen: 8.564 ng
RT: 15.680 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50



Tgt Ion:138 Resp: 11383
Ion Ratio Lower Upper
138 100
92 58.4 42.1 82.1
108 117.4 102.5 142.5





#63

Azobenzene

Concen: 8.781 ng

RT: 15.939 min Scan# 2169

Delta R.T. 0.000 min

Lab File: BM038478.D

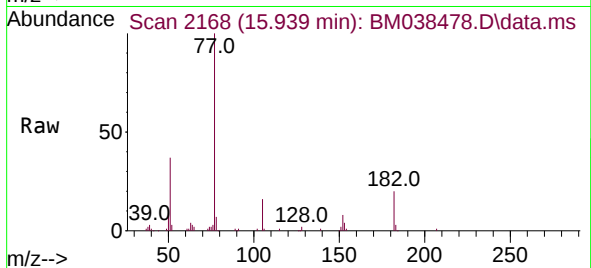
Acq: 18 Jan 2023 13:50

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022



Tgt Ion: 77 Resp: 79088

Ion Ratio Lower Upper

77 100

182 20.3 1.1 41.1

105 15.6 0.0 36.4

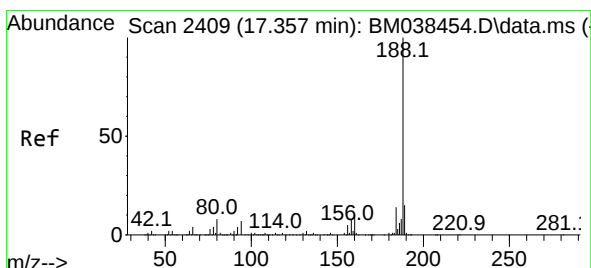
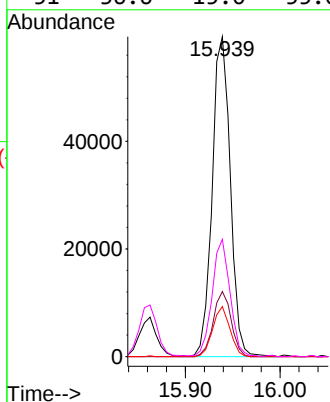
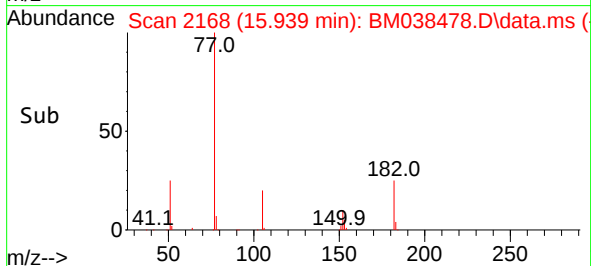
51 36.6 15.0 55.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/19/2023

Supervised By :Jagrut Upadhyay 01/19/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.351 min Scan# 2408

Delta R.T. 0.000 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

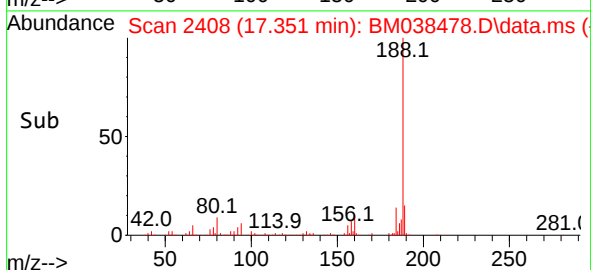
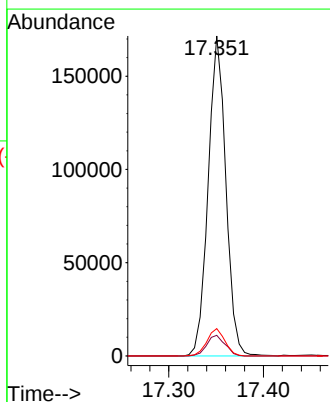
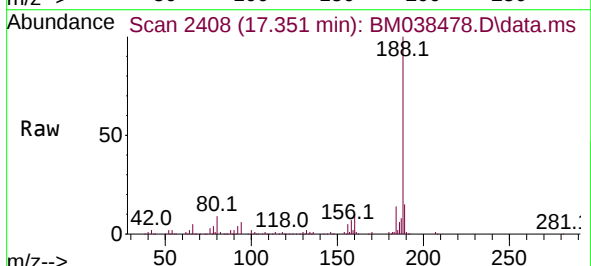
Tgt Ion:188 Resp: 222712

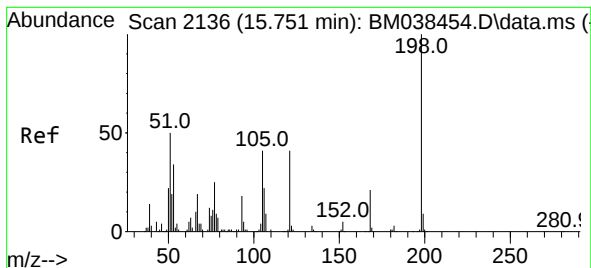
Ion Ratio Lower Upper

188 100

94 6.4 5.4 8.0

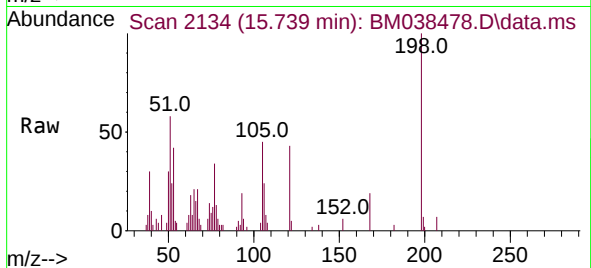
80 8.5 6.5 9.7





#65
4,6-Dinitro-2-methylphenol
Concen: 6.762 ng
RT: 15.739 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

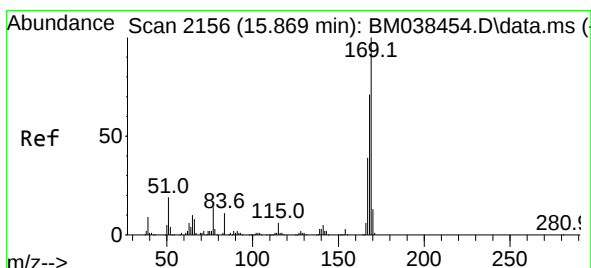
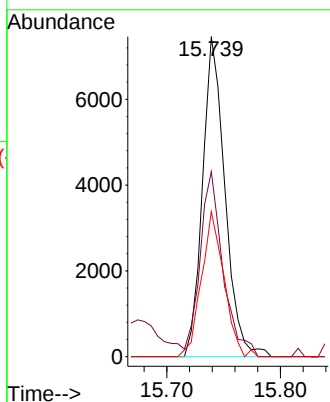
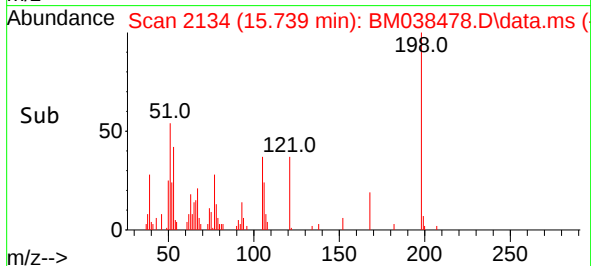
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:198 Resp: 10220
Ion Ratio Lower Upper
198 100
51 57.8 31.6 71.6
105 45.3 21.5 61.5

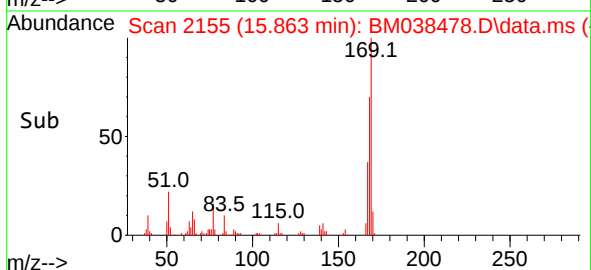
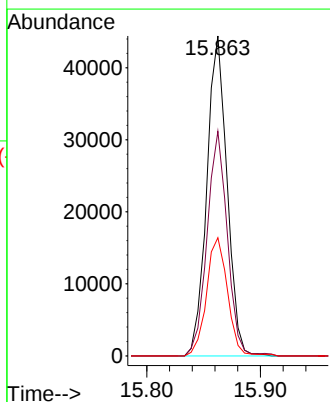
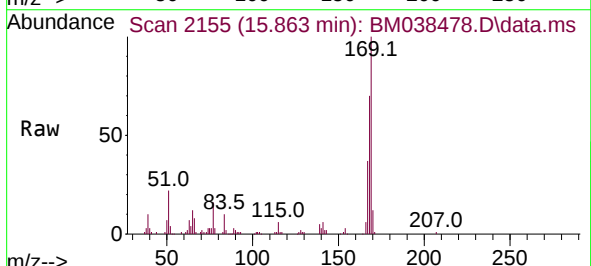
Manual Integrations
APPROVED

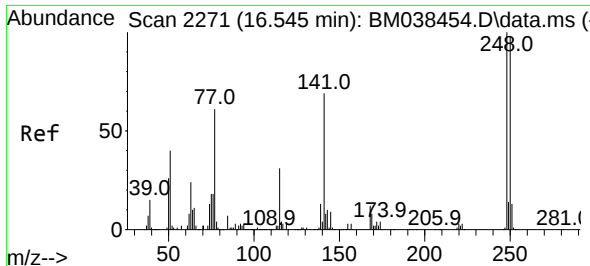
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#66
n-Nitrosodiphenylamine
Concen: 8.428 ng
RT: 15.863 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

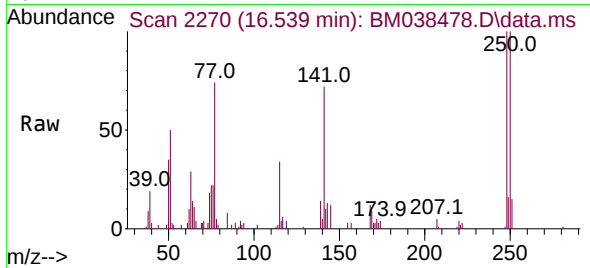
Tgt Ion:169 Resp: 55075
Ion Ratio Lower Upper
169 100
168 70.2 56.6 85.0
167 36.9 31.1 46.7





#67
4-Bromophenyl-phenylether
Concen: 8.096 ng
RT: 16.539 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

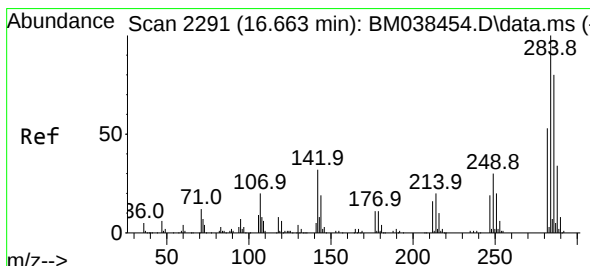
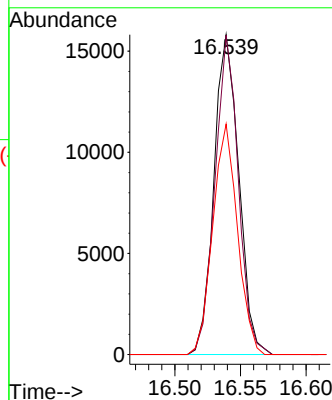
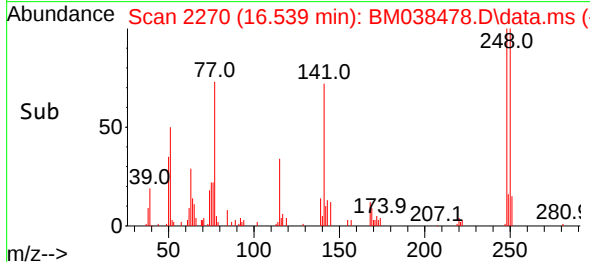
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



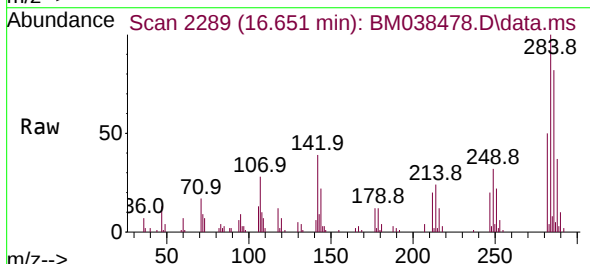
Tgt Ion:248 Resp: 20856
Ion Ratio Lower Upper
248 100
250 99.8 78.3 117.5
141 72.0 55.1 82.7

Manual Integrations
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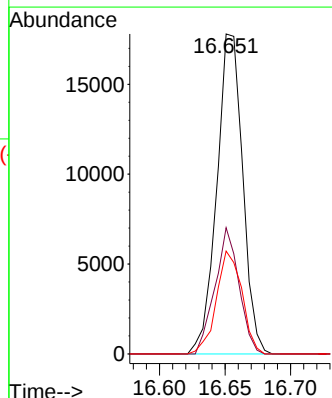
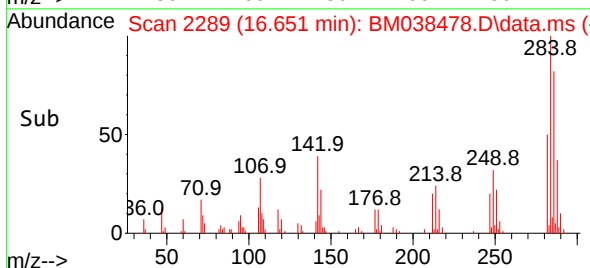
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

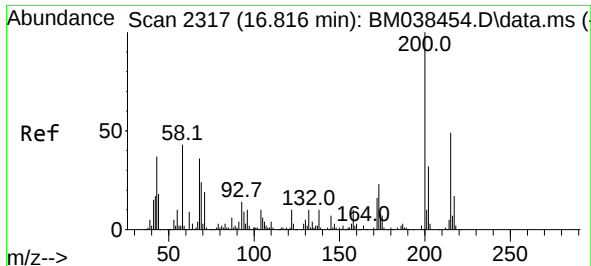


#68
Hexachlorobenzene
Concen: 8.502 ng
RT: 16.651 min Scan# 2289
Delta R.T. -0.006 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50



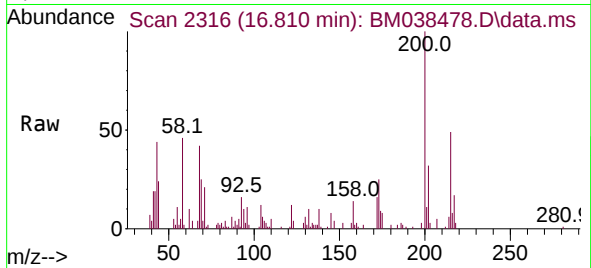
Tgt Ion:284 Resp: 24527
Ion Ratio Lower Upper
284 100
142 39.4 26.0 39.0#
249 32.1 23.8 35.8





#69
Atrazine
Concen: 8.581 ng
RT: 16.810 min Scan# 2317
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

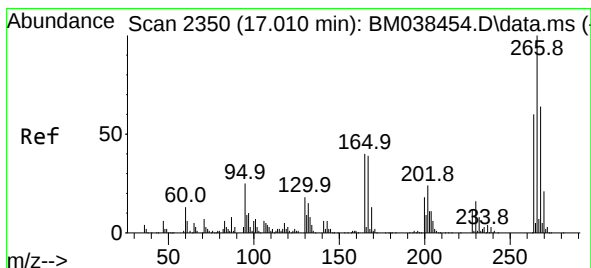
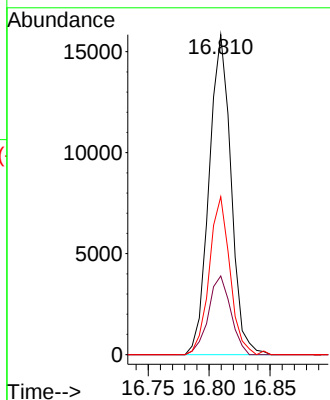
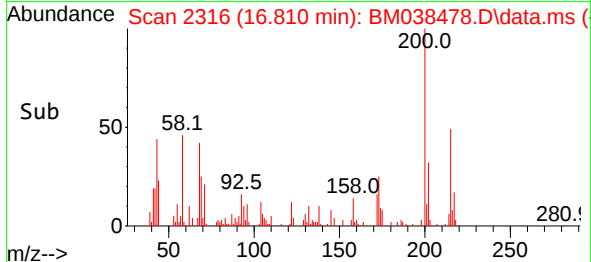
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



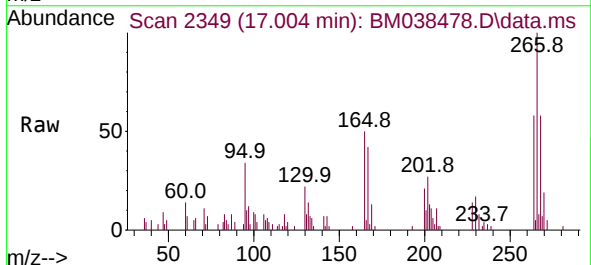
Tgt Ion:200 Resp: 19830
Ion Ratio Lower Upper
200 100
173 24.6 3.4 43.4
215 49.3 29.3 69.3

Manual Integrations
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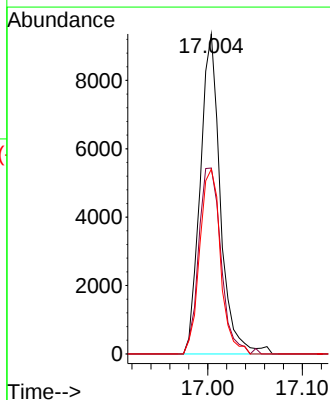
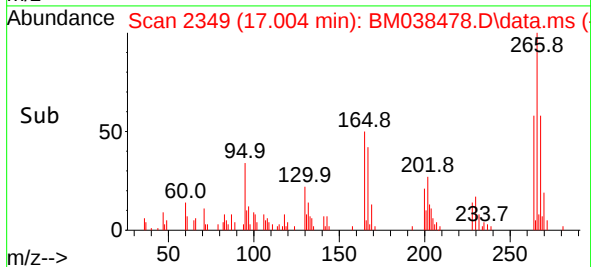
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

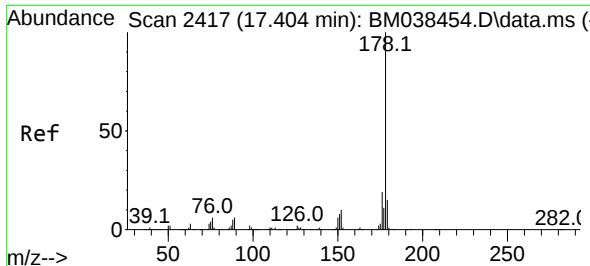


#70
Pentachlorophenol
Concen: 6.568 ng
RT: 17.004 min Scan# 2349
Delta R.T. 0.006 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50



Tgt Ion:266 Resp: 13832
Ion Ratio Lower Upper
266 100
268 58.1 51.4 77.0
264 57.7 48.2 72.2





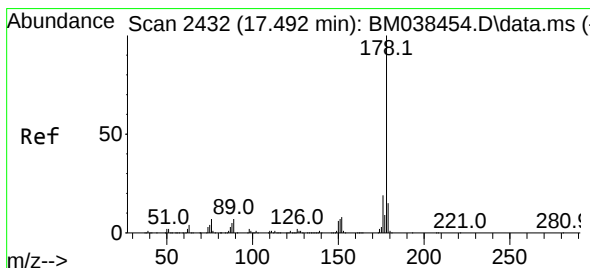
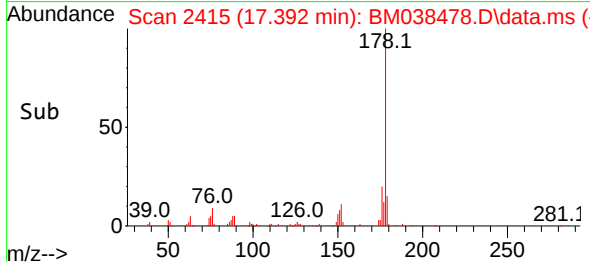
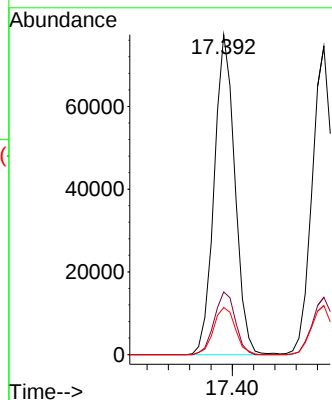
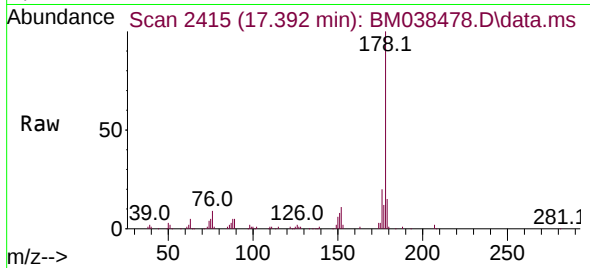
#71
Phenanthrene
Concen: 8.474 ng
RT: 17.392 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion:178 Resp: 104413
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 14.7 12.1 18.1

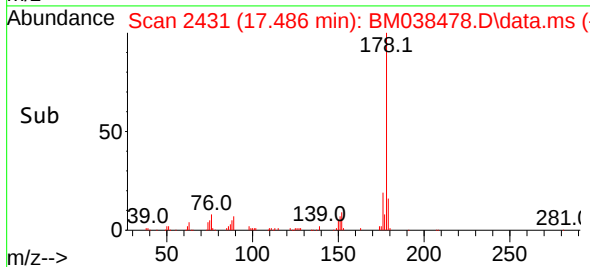
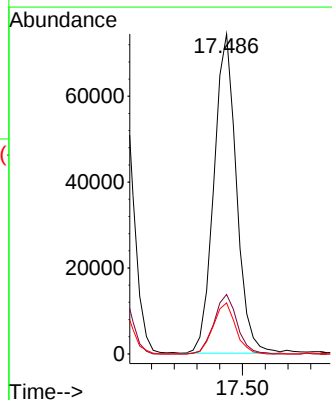
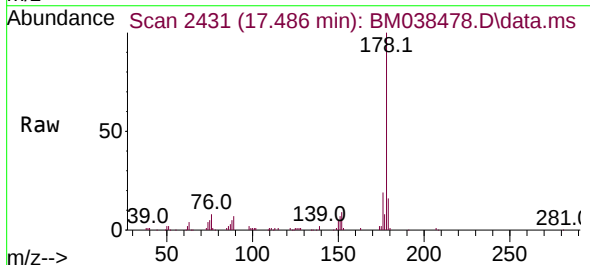
Manual Integrations
APPROVED

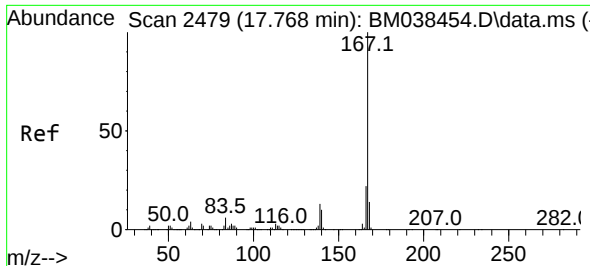
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#72
Anthracene
Concen: 8.069 ng
RT: 17.486 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

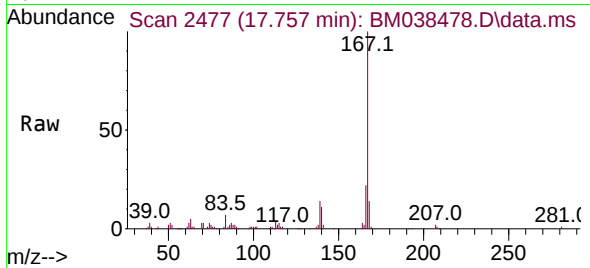
Tgt Ion:178 Resp: 102182
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.9 12.2 18.2





#73
 Carbazole
 Concen: 8.105 ng
 RT: 17.757 min Scan# 2477
 Delta R.T. 0.000 min
 Lab File: BM038478.D
 Acq: 18 Jan 2023 13:50

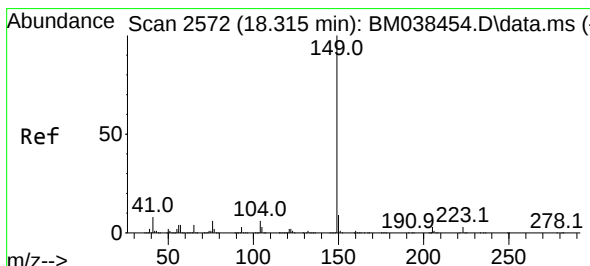
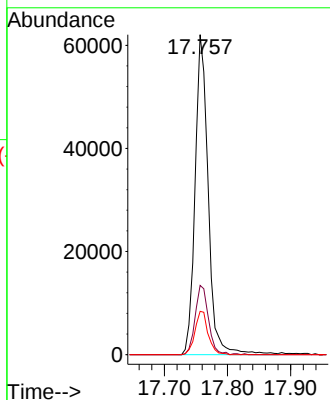
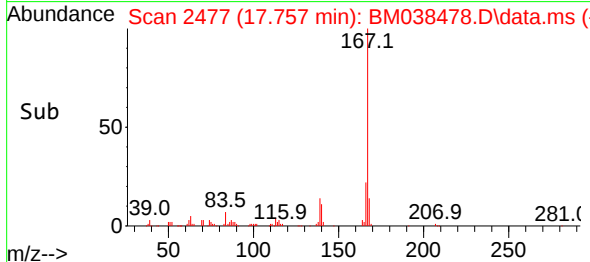
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2022



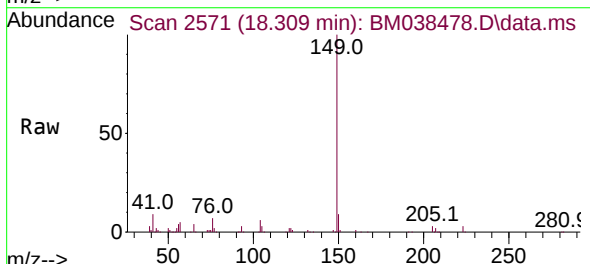
Tgt Ion:167 Resp: 89756
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 13.5 10.1 15.1

Manual Integrations
 APPROVED

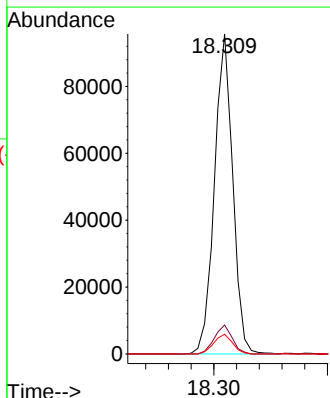
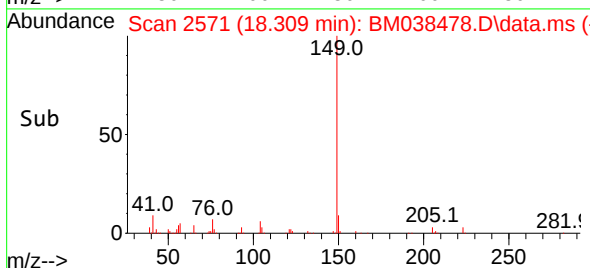
Reviewed By :Christian Giraldo 01/19/2023
 Supervised By :Jagrut Upadhyay 01/19/2023

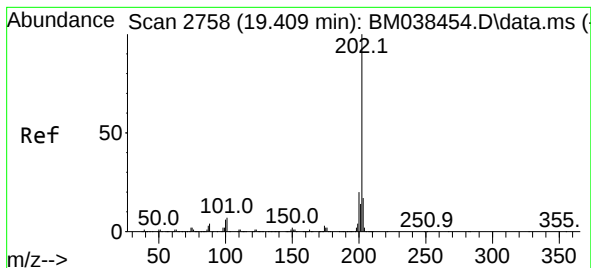


#74
 Di-n-butylphthalate
 Concen: 8.111 ng
 RT: 18.309 min Scan# 2571
 Delta R.T. 0.000 min
 Lab File: BM038478.D
 Acq: 18 Jan 2023 13:50



Tgt Ion:149 Resp: 106671
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 6.1 4.7 7.1





#75

Fluoranthene

Concen: 7.692 ng

RT: 19.404 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

Instrument :

BNA_M

ClientSampleId :

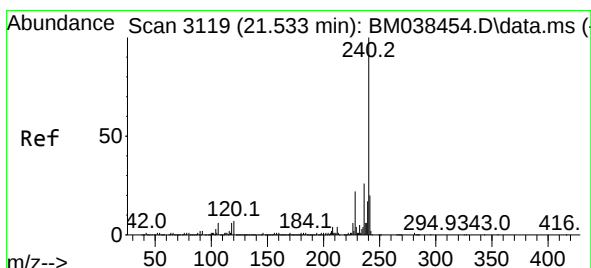
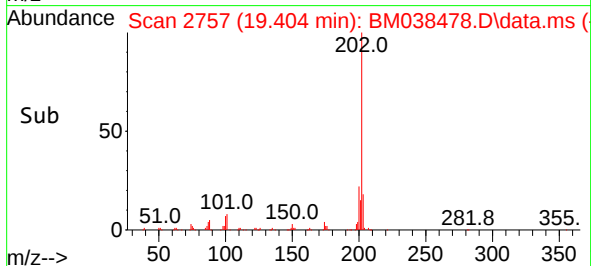
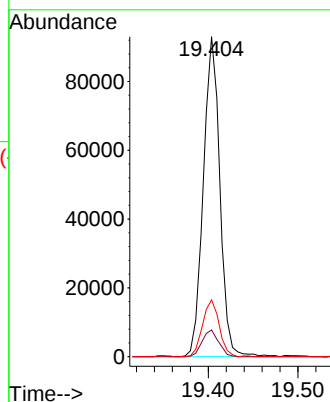
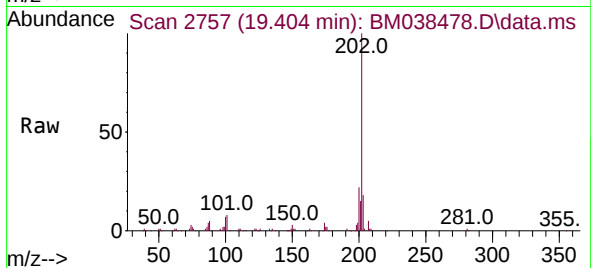
LOQ-WATER-02-QT3-2022

Tgt Ion:202 Resp: 119152
 Ion Ratio Lower Upper
 202 100
 101 8.3 0.0 27.4
 203 17.7 0.0 37.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/19/2023
 Supervised By :Jagrut Upadhyay 01/19/2023



#76

Chrysene-d12

Concen: 20.000 ng

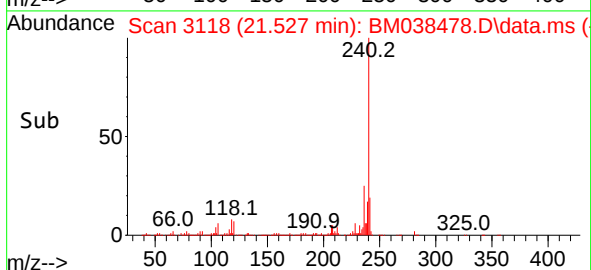
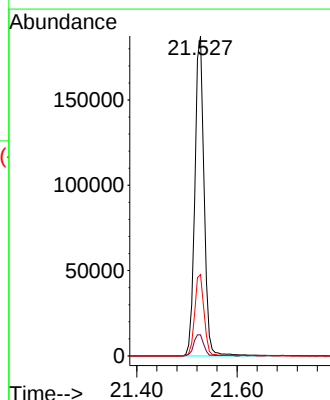
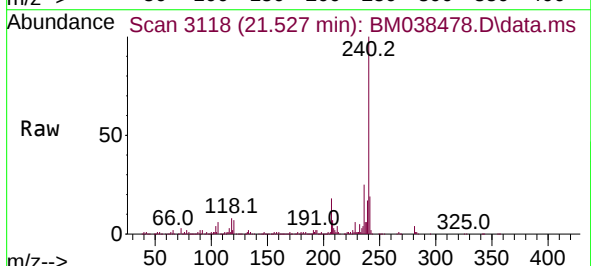
RT: 21.527 min Scan# 3118

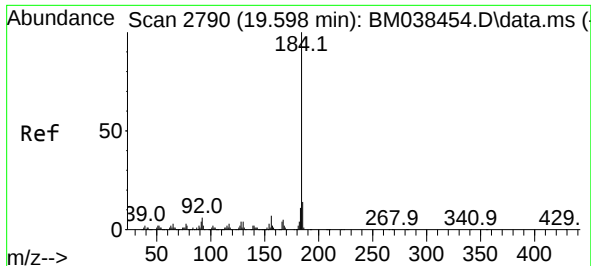
Delta R.T. 0.000 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

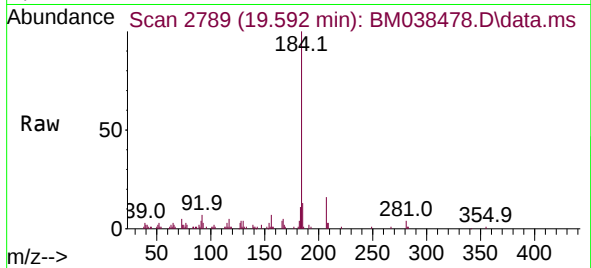
Tgt Ion:240 Resp: 239576
 Ion Ratio Lower Upper
 240 100
 120 6.6 5.6 8.4
 236 25.4 21.0 31.4





#77
Benzidine
Concen: 10.437 ng
RT: 19.592 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

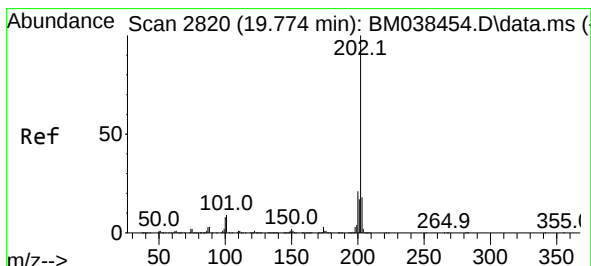
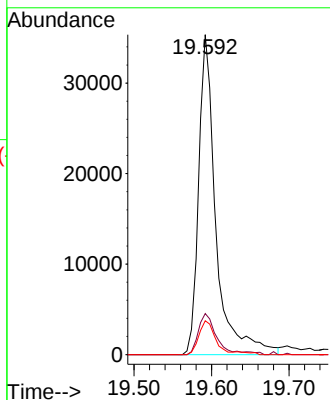
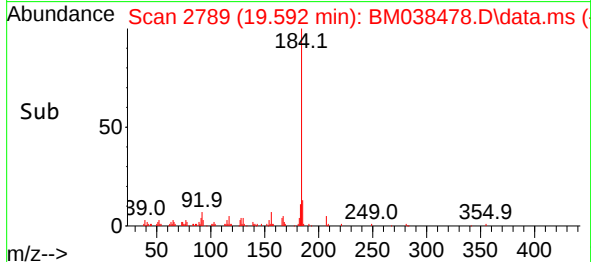
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



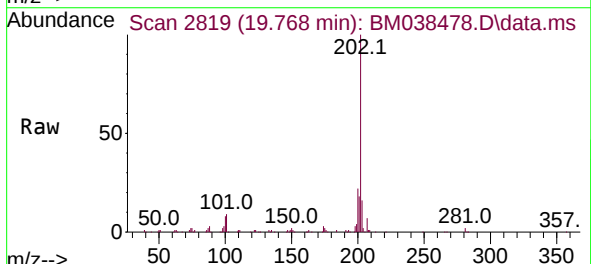
Tgt Ion:184 Resp: 54790
Ion Ratio Lower Upper
184 100
185 12.8 11.1 16.7
183 10.6 8.6 13.0

Manual Integrations
APPROVED

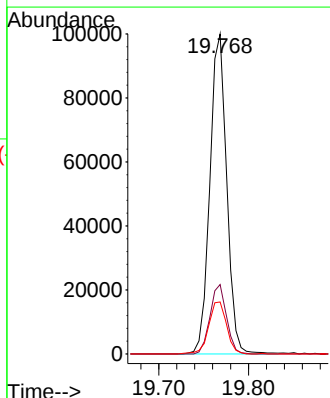
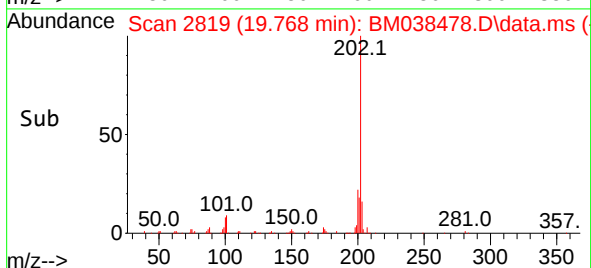
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

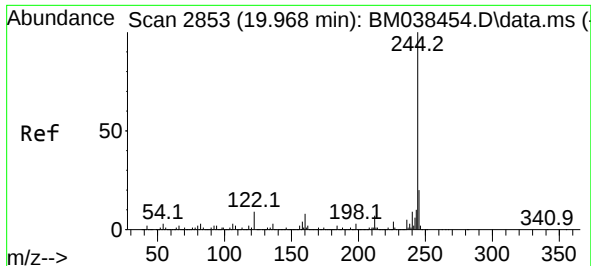


#78
Pyrene
Concen: 8.165 ng
RT: 19.768 min Scan# 2819
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50



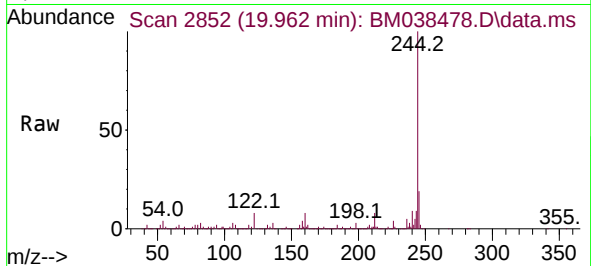
Tgt Ion:202 Resp: 130181
Ion Ratio Lower Upper
202 100
200 21.7 16.9 25.3
203 16.2 14.2 21.2





#79
 Terphenyl-d14
 Concen: 78.791 ng
 RT: 19.962 min Scan# 2853
 Delta R.T. 0.000 min
 Lab File: BM038478.D
 Acq: 18 Jan 2023 13:50

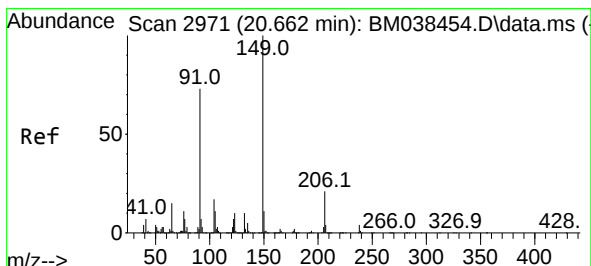
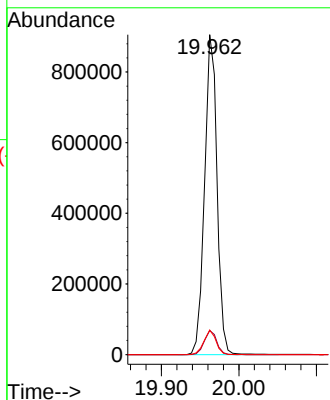
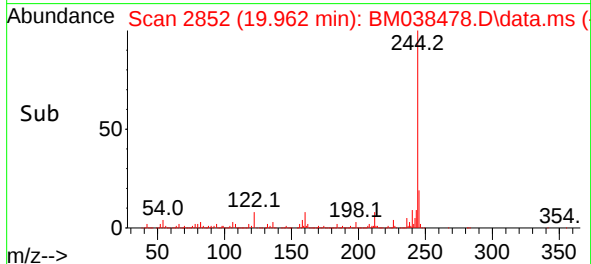
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2022



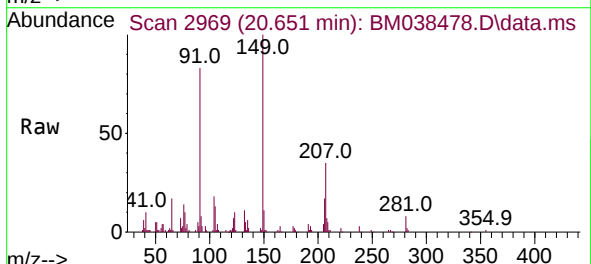
Tgt Ion:244 Resp: 1008338
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 7.7 7.1 10.7

Manual Integrations
 APPROVED

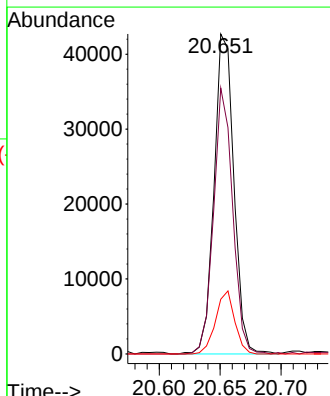
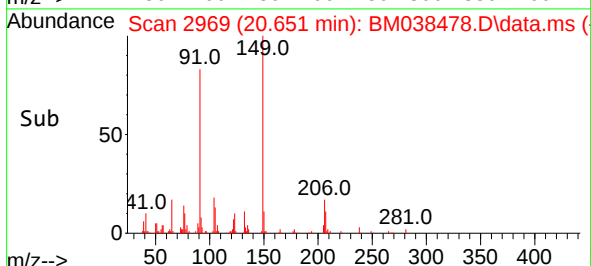
Reviewed By :Christian Giraldo 01/19/2023
 Supervised By :Jagrut Upadhyay 01/19/2023

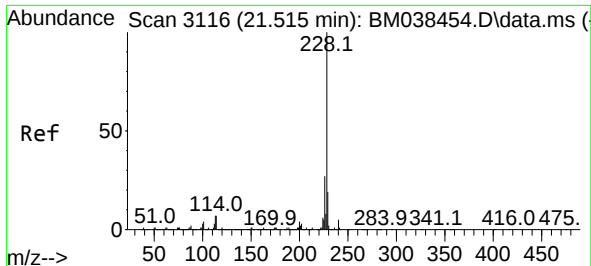


#80
 Butylbenzylphthalate
 Concen: 8.297 ng
 RT: 20.651 min Scan# 2969
 Delta R.T. -0.006 min
 Lab File: BM038478.D
 Acq: 18 Jan 2023 13:50



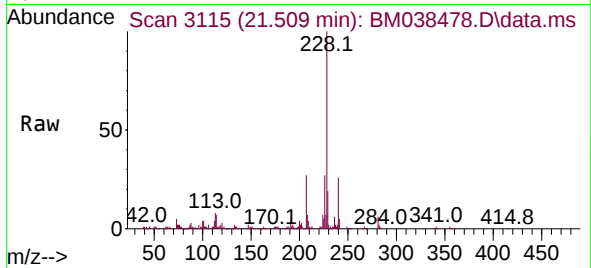
Tgt Ion:149 Resp: 48352
 Ion Ratio Lower Upper
 149 100
 91 83.1 58.3 87.5
 206 17.1 16.7 25.1





#81
Benzo(a)anthracene
Concen: 8.452 ng
RT: 21.509 min Scan# 3116
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

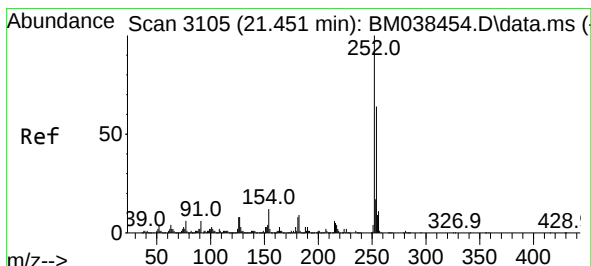
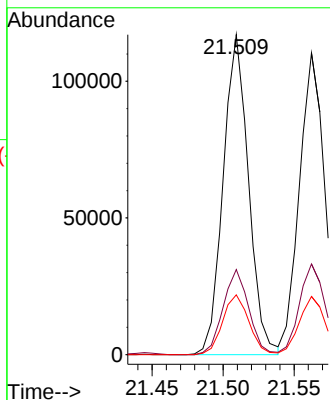
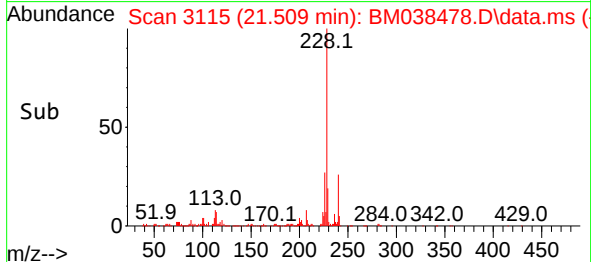
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



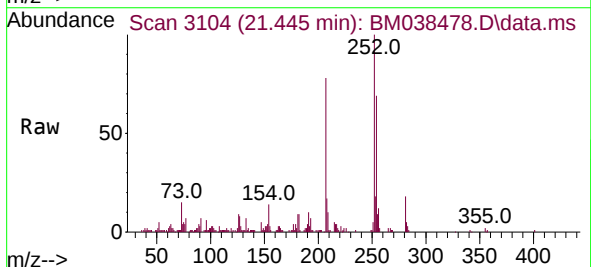
Tgt Ion:228 Resp: 145631
Ion Ratio Lower Upper
228 100
226 26.6 22.0 33.0
229 18.7 15.4 23.0

Manual Integrations
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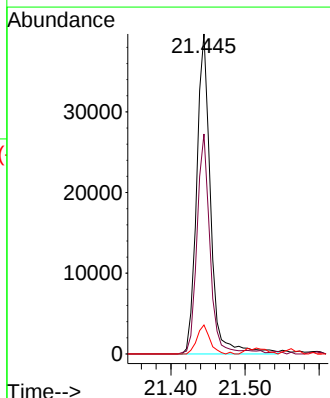
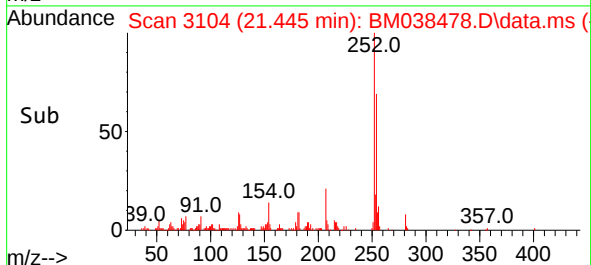
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

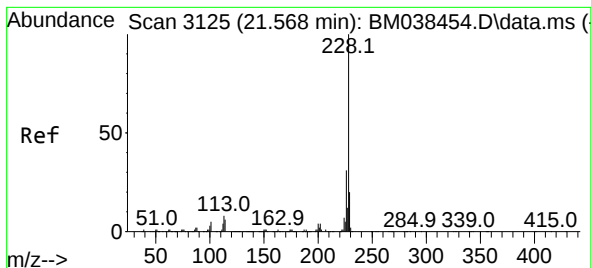


#82
3,3'-Dichlorobenzidine
Concen: 9.347 ng
RT: 21.445 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50



Tgt Ion:252 Resp: 51862
Ion Ratio Lower Upper
252 100
254 68.7 51.2 76.8
126 9.0 6.3 9.5





#83

Chrysene

Concen: 8.289 ng

RT: 21.562 min Scan# 3125

Delta R.T. 0.000 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

Instrument :

BNA_M

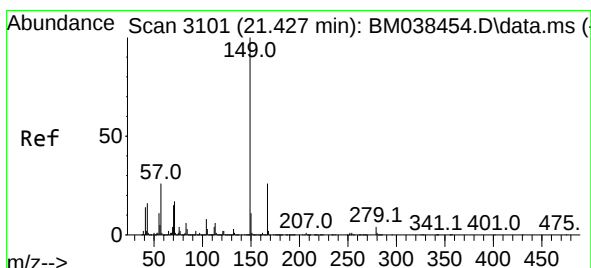
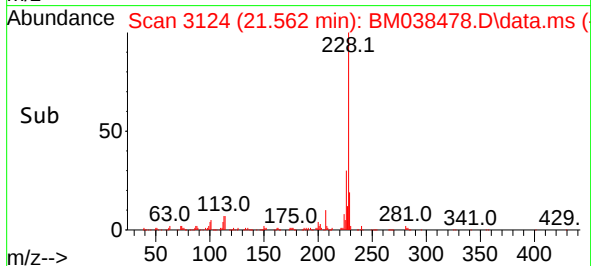
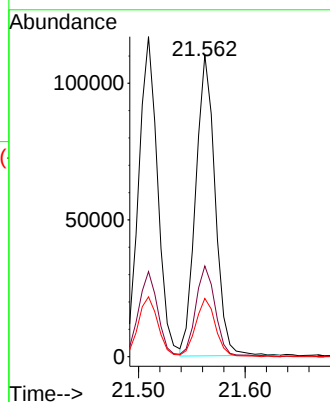
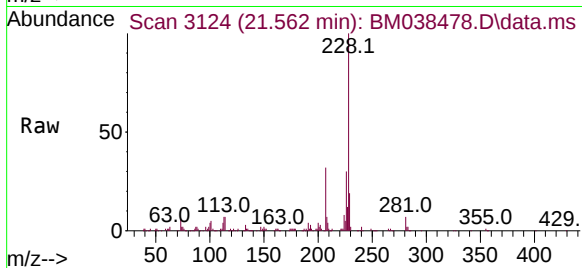
ClientSampleId :

LOQ-WATER-02-QT3-2022

Tgt Ion:228 Resp: 138798
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.6 36.8
 229 19.3 16.1 24.1

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 01/19/2023
 Supervised By :Jagrut Upadhyay 01/19/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.274 ng

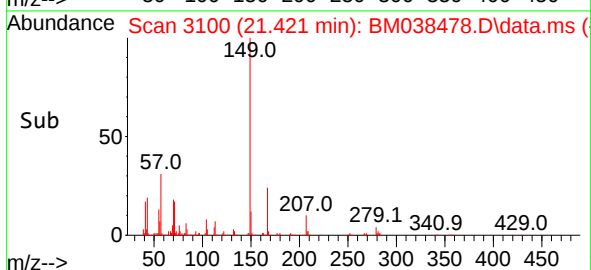
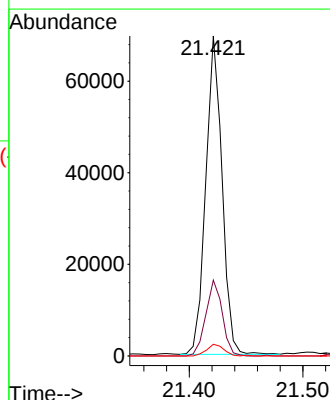
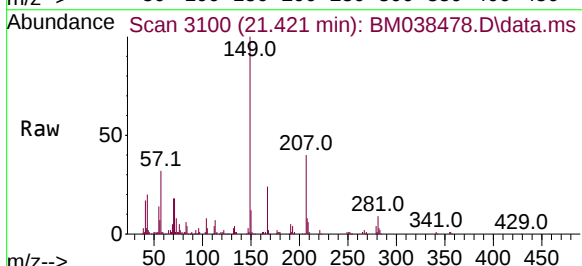
RT: 21.421 min Scan# 3100

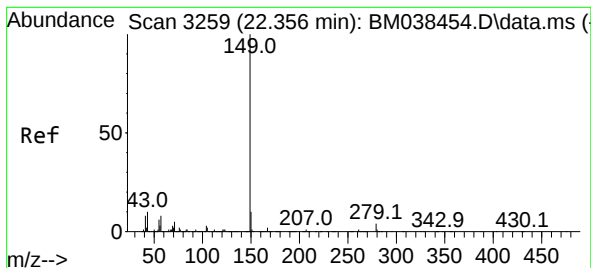
Delta R.T. 0.000 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

Tgt Ion:149 Resp: 69315
 Ion Ratio Lower Upper
 149 100
 167 23.7 21.0 31.4
 279 3.6 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 8.544 ng

RT: 22.350 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

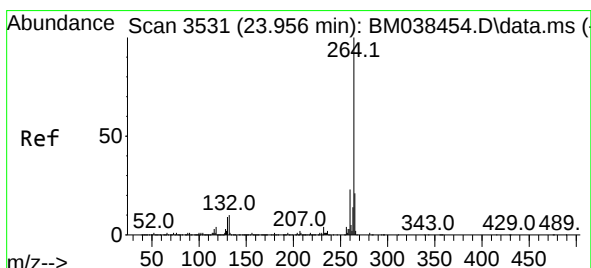
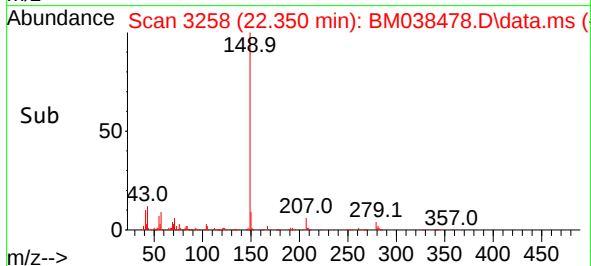
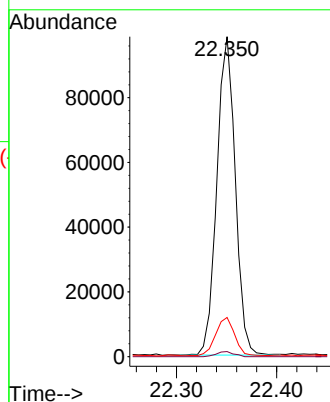
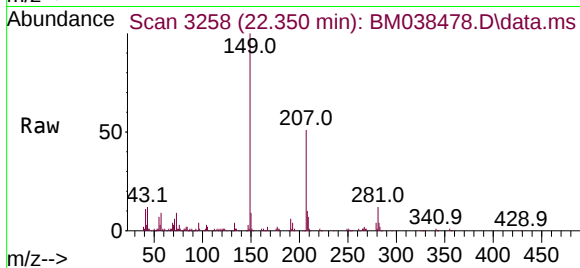
Tgt Ion:	149	Resp:	125944
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	12.2	8.4	12.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/19/2023

Supervised By :Jagrut Upadhyay 01/19/2023



#86

Perylene-d12

Concen: 20.000 ng

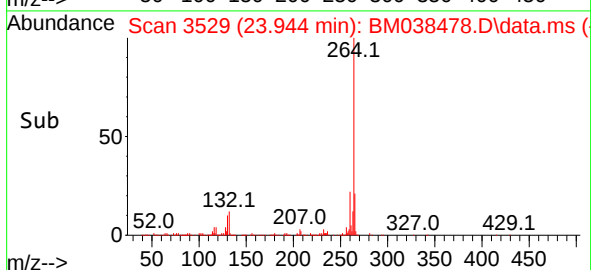
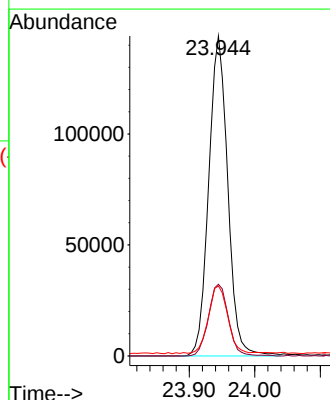
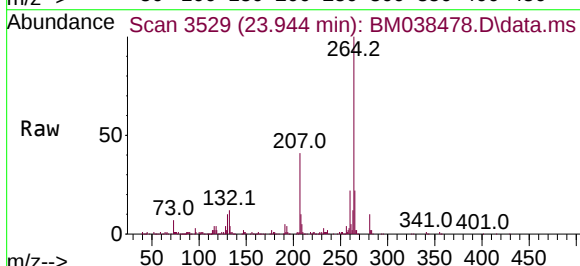
RT: 23.944 min Scan# 3529

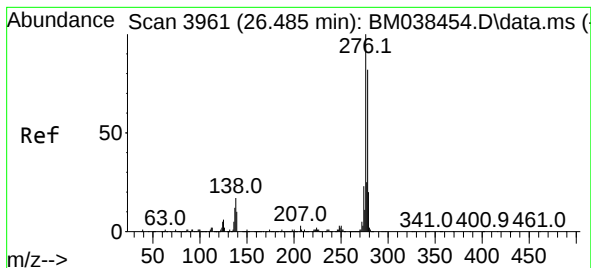
Delta R.T. 0.006 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

Tgt Ion:	264	Resp:	290290
Ion Ratio	Lower	Upper	
264	100		
260	22.4	18.2	27.4
265	21.9	17.2	25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.988 ng

RT: 26.462 min Scan# 3957

Delta R.T. -0.006 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

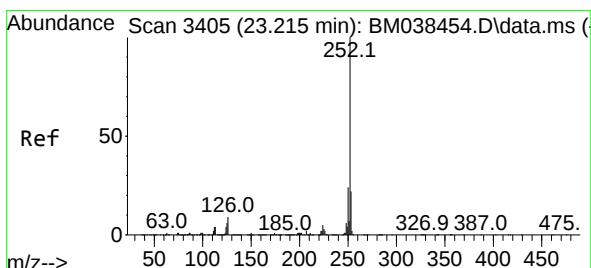
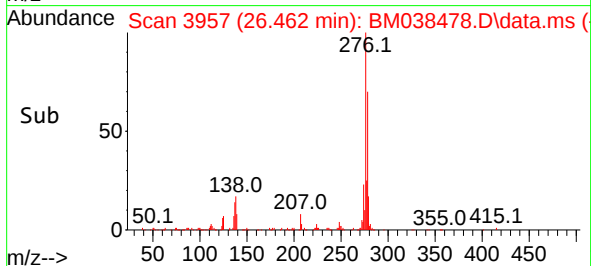
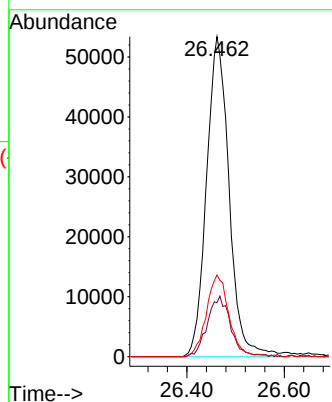
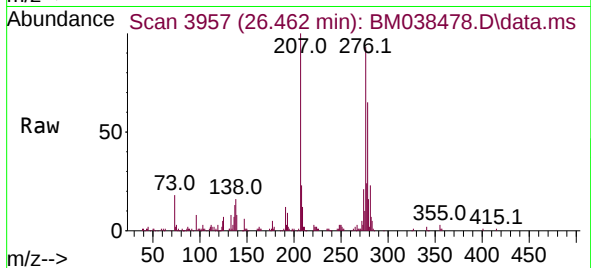
Tgt Ion:	276	Resp:	171618
Ion Ratio	Lower	Upper	
276	100		
138	19.4	13.4	20.2
277	25.6	19.8	29.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/19/2023

Supervised By :Jagrut Upadhyay 01/19/2023



#88

Benzo(b)fluoranthene

Concen: 8.474 ng

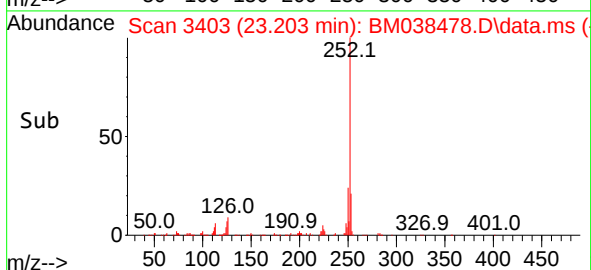
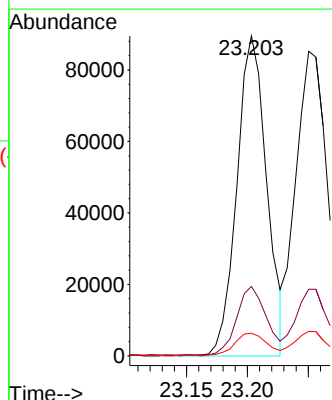
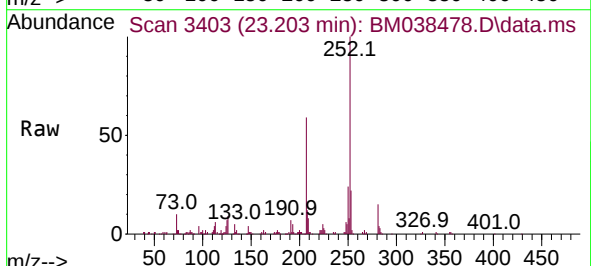
RT: 23.203 min Scan# 3403

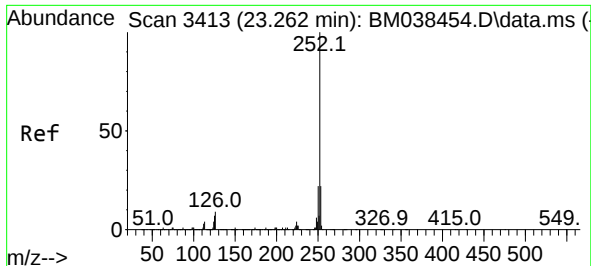
Delta R.T. 0.000 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

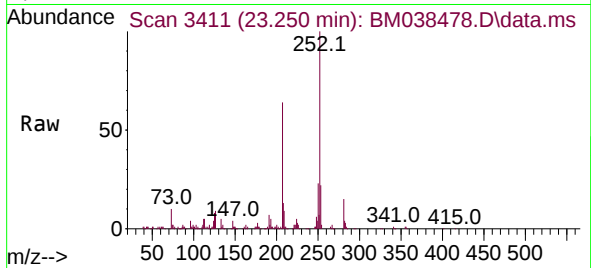
Tgt Ion:	252	Resp:	152537
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.8	26.6
125	7.1	5.1	7.7





#89
Benzo(k)fluoranthene
Concen: 8.562 ng
RT: 23.250 min Scan# 3413
Delta R.T. -0.006 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

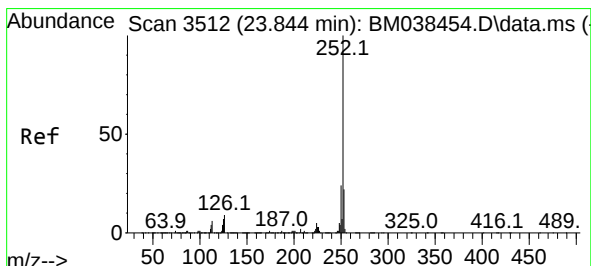
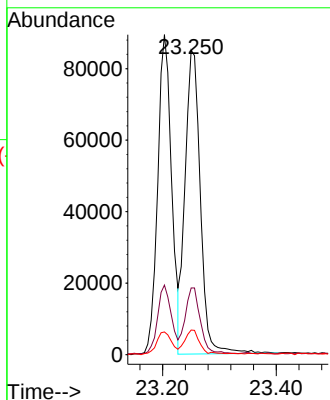
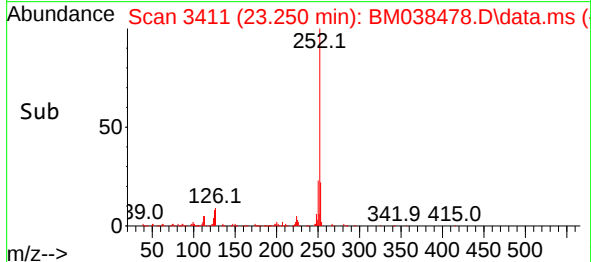
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:252 Resp: 15937
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 8.1 5.5 8.3

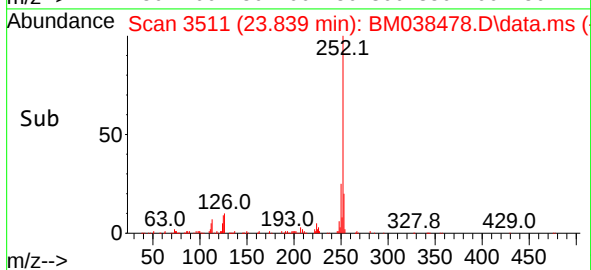
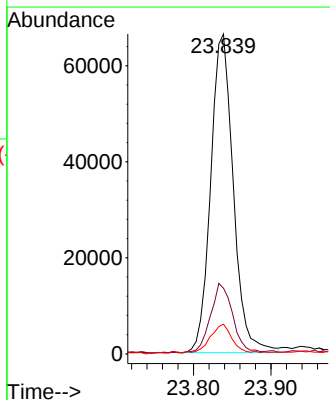
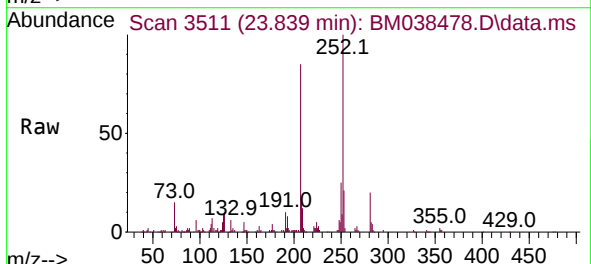
Manual Integrations
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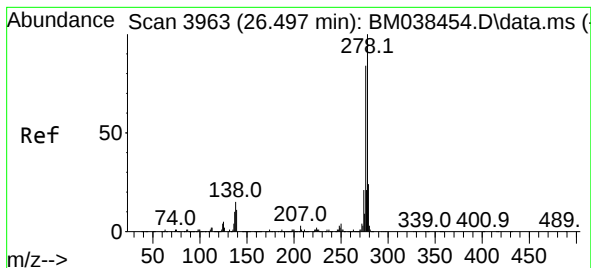
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#90
Benzo(a)pyrene
Concen: 7.640 ng
RT: 23.839 min Scan# 3511
Delta R.T. 0.000 min
Lab File: BM038478.D
Acq: 18 Jan 2023 13:50

Tgt Ion:252 Resp: 134960
Ion Ratio Lower Upper
252 100
253 20.5 17.6 26.4
125 9.3 5.8 8.8#





#91

Dibenzo(a,h)anthracene

Concen: 8.337 ng

RT: 26.474 min Scan# 3963

Delta R.T. -0.006 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

Tgt Ion:278 Resp: 150305

Ion Ratio Lower Upper

278 100

139 9.3 8.4 12.6

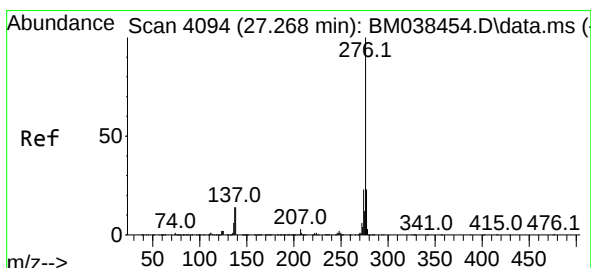
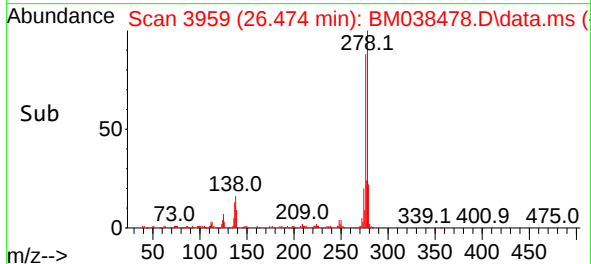
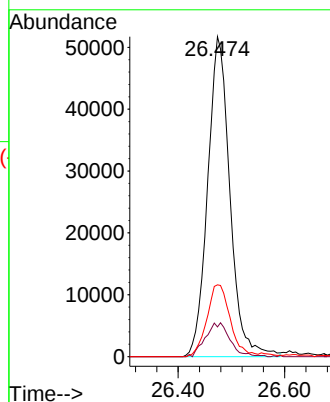
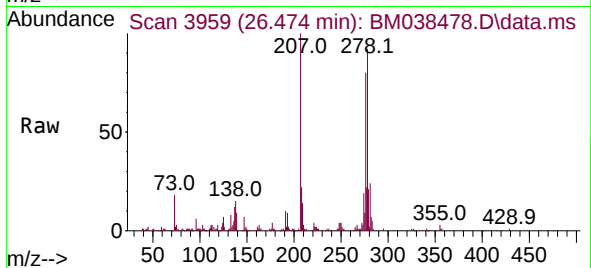
279 22.4 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/19/2023

Supervised By :Jagrut Upadhyay 01/19/2023



#92

Benzo(g,h,i)perylene

Concen: 8.677 ng

RT: 27.244 min Scan# 4090

Delta R.T. -0.006 min

Lab File: BM038478.D

Acq: 18 Jan 2023 13:50

Tgt Ion:276 Resp: 155202

Ion Ratio Lower Upper

276 100

277 21.9 18.6 27.8

138 15.8 11.3 16.9

