

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011823\
 Data File : BM038479.D
 Acq On : 18 Jan 2023 14:27
 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 06:13:18 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	55311	20.000	ng	0.00
21) Naphthalene-d8	10.786	136	193126	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	118282	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	267455	20.000	ng	0.00
76) Chrysene-d12	21.527	240	273363	20.000	ng	0.00
86) Perylene-d12	23.944	264	313634	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	389399	107.391	ng	0.00
7) Phenol-d6	7.140	99	493193	106.181	ng	0.00
23) Nitrobenzene-d5	9.151	82	362887	76.561	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	208741	104.394	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	693852	73.156	ng	0.00
79) Terphenyl-d14	19.962	244	1182044	80.948	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	15927	9.612	ng	99
3) Pyridine	3.804	79	35808m	7.470	ng	
4) n-Nitrosodimethylamine	3.710	42	25972m	9.157	ng	
6) Aniline	7.304	93	49713	8.474	ng	95
8) 2-Chlorophenol	7.534	128	31832	8.867	ng	94
9) Benzaldehyde	7.116	77	36449	11.735	ng	92
10) Phenol	7.163	94	43221	8.929	ng	96
11) bis(2-Chloroethyl)ether	7.398	93	34760	8.862	ng	99
12) 1,3-Dichlorobenzene	7.863	146	35104	9.128	ng	97
13) 1,4-Dichlorobenzene	8.010	146	35712	9.230	ng	97
14) 1,2-Dichlorobenzene	8.328	146	34959	9.241	ng	93
15) Benzyl Alcohol	8.222	79	32398	8.709	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.510	45	53070	9.704	ng	97
17) 2-Methylphenol	8.422	107	26706	8.169	ng	94
18) Hexachloroethane	9.057	117	15311	9.661	ng	92
19) n-Nitroso-di-n-propyla...	8.786	70	30032	8.907	ng	98
20) 3+4-Methylphenols	8.751	107	35220	8.024	ng	97
22) Acetophenone	8.810	105	54419	9.533	ng	# 94
24) Nitrobenzene	9.192	77	48018	9.588	ng	95
25) Isophorone	9.716	82	74642	8.890	ng	100
26) 2-Nitrophenol	9.904	139	14571	8.287	ng	88
27) 2,4-Dimethylphenol	9.963	122	24290	8.113	ng	92
28) bis(2-Chloroethoxy)met...	10.198	93	42451	8.991	ng	94
29) 2,4-Dichlorophenol	10.433	162	27835	8.416	ng	95
30) 1,2,4-Trichlorobenzene	10.645	180	33383	8.728	ng	100
31) Naphthalene	10.839	128	89697	8.764	ng	99
32) Benzoic acid	10.045	122	13627m	10.000	ng	
33) 4-Chloroaniline	10.957	127	35736	7.955	ng	92
34) Hexachlorobutadiene	11.110	225	23554	8.782	ng	94
35) Caprolactam	11.733	113	9488	10.149	ng	# 79
36) 4-Chloro-3-methylphenol	12.074	107	29580	8.202	ng	94
37) 2-Methylnaphthalene	12.439	142	60521	8.087	ng	95
38) 1-Methylnaphthalene	12.663	142	56267	8.009	ng	92
40) 1,2,4,5-Tetrachloroben...	12.810	216	39248	8.866	ng	99
41) Hexachlorocyclopentadiene	12.780	237	22006	8.742	ng	99
43) 2,4,6-Trichlorophenol	13.051	196	23754	8.488	ng	97

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Instrument :
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 ClientSampleId :
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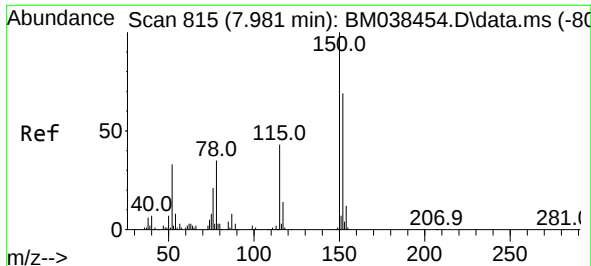
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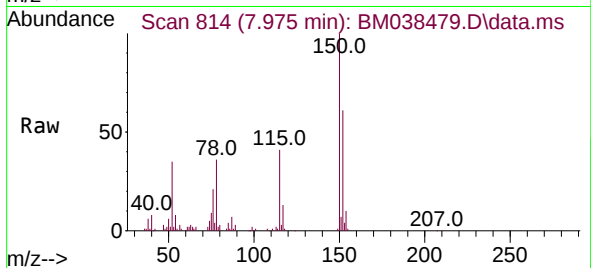
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.127	196	25271	7.659	ng	94
46) 1,1'-Biphenyl	13.445	154	82173	8.955	ng	99
47) 2-Chloronaphthalene	13.492	162	64816	8.974	ng	99
48) 2-Nitroaniline	13.704	65	20845	9.248	ng	97
49) Acenaphthylene	14.333	152	95770	8.410	ng	99
50) Dimethylphthalate	14.068	163	79736	8.318	ng	99
51) 2,6-Dinitrotoluene	14.192	165	15114	7.750	ng	# 85
52) Acenaphthene	14.674	154	58398	8.439	ng	95
53) 3-Nitroaniline	14.527	138	13973	8.799	ng	97
54) 2,4-Dinitrophenol	14.739	184	8456	10.458	ng	92
55) Dibenzofuran	15.004	168	99654	8.458	ng	97
56) 4-Nitrophenol	14.833	139	10899	9.735	ng	# 80
57) 2,4-Dinitrotoluene	14.980	165	20136	7.428	ng	92
58) Fluorene	15.657	166	78001	7.924	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.233	232	21994	7.518	ng	96
60) Diethylphthalate	15.421	149	79383	8.073	ng	99
61) 4-Chlorophenyl-phenyle...	15.645	204	43238	8.002	ng	97
62) 4-Nitroaniline	15.686	138	14128	8.751	ng	95
63) Azobenzene	15.939	77	96356	8.905	ng	98
65) 4,6-Dinitro-2-methylph...	15.739	198	16029	8.832	ng	89
66) n-Nitrosodiphenylamine	15.862	169	66748	8.505	ng	98
67) 4-Bromophenyl-phenylether	16.539	248	25105	8.115	ng	95
68) Hexachlorobenzene	16.657	284	29743	8.586	ng	97
69) Atrazine	16.809	200	24869	8.961	ng	98
70) Pentachlorophenol	17.004	266	25042	9.902	ng	100
71) Phenanthrene	17.392	178	122758	8.296	ng	99
72) Anthracene	17.486	178	123512	8.122	ng	98
73) Carbazole	17.756	167	106145	7.982	ng	98
74) Di-n-butylphthalate	18.309	149	125156	7.924	ng	98
75) Fluoranthene	19.403	202	151271	8.132	ng	99
77) Benzidine	19.592	184	65868	10.997	ng	96
78) Pyrene	19.768	202	156283	8.591	ng	99
80) Butylbenzylphthalate	20.650	149	55479	8.343	ng	87
81) Benzo(a)anthracene	21.509	228	165909	8.439	ng	98
82) 3,3'-Dichlorobenzidine	21.444	252	59849	9.454	ng	97
83) Chrysene	21.562	228	161476	8.452	ng	99
84) Bis(2-ethylhexyl)phtha...	21.421	149	79260	8.291	ng	96
85) Di-n-octyl phthalate	22.350	149	136799	8.133	ng	# 95
87) Indeno(1,2,3-cd)pyrene	26.462	276	180326	7.769	ng	97
88) Benzo(b)fluoranthene	23.203	252	166496m	8.561	ng	
89) Benzo(k)fluoranthene	23.250	252	165902	8.249	ng	99
90) Benzo(a)pyrene	23.833	252	146862	7.695	ng	98
91) Dibenzo(a,h)anthracene	26.474	278	158017	8.113	ng	98
92) Benzo(g,h,i)perylene	27.238	276	160563	8.309	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: BM038479.D
Acq: 18 Jan 2023 14:27

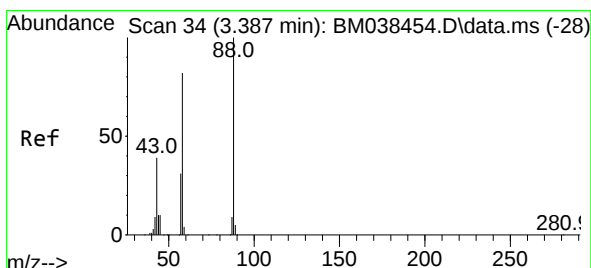
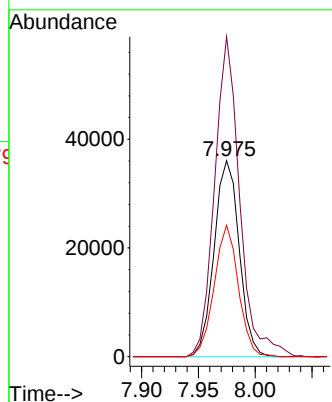
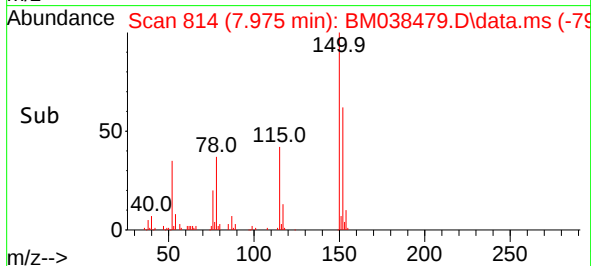
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:152 Resp: 5531
Ion Ratio Lower Upper
152 100
150 163.3 116.0 174.0
115 67.1 49.4 74.2

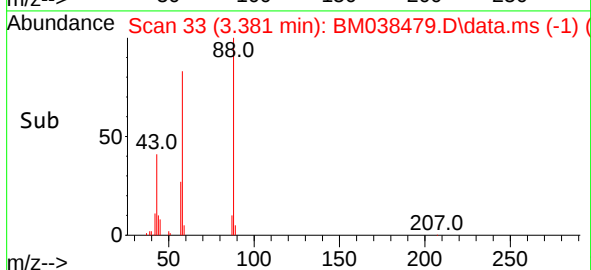
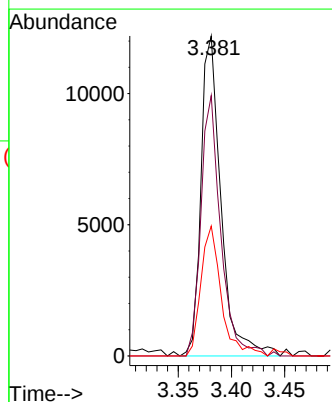
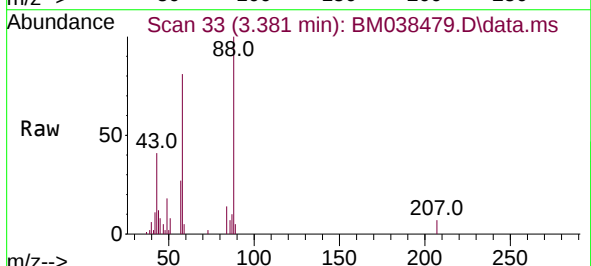
Manual Integrations
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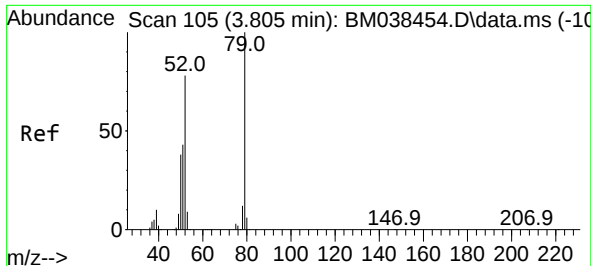
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#2
1,4-Dioxane
Concen: 9.612 ng
RT: 3.381 min Scan# 33
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

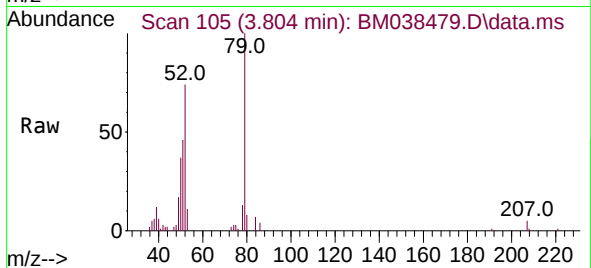
Tgt Ion: 88 Resp: 15927
Ion Ratio Lower Upper
88 100
58 80.5 64.3 96.5
43 41.3 32.3 48.5





#3
Pyridine
Concen: 7.470 ng m
RT: 3.804 min Scan# 10
Delta R.T. 0.012 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

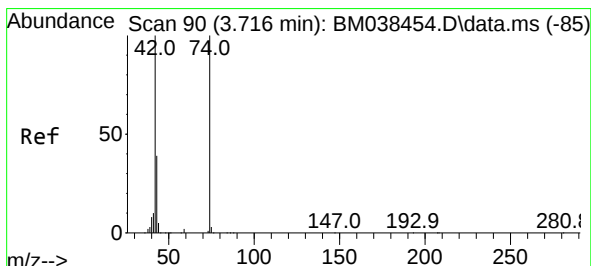
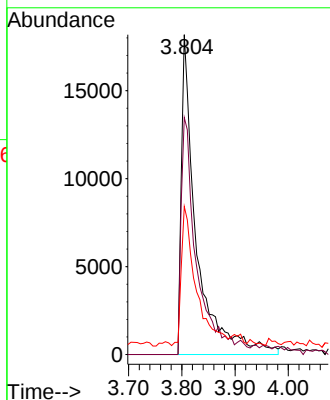
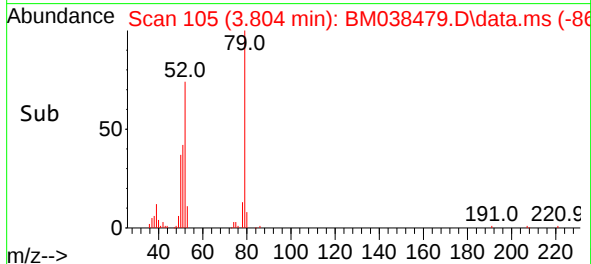
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



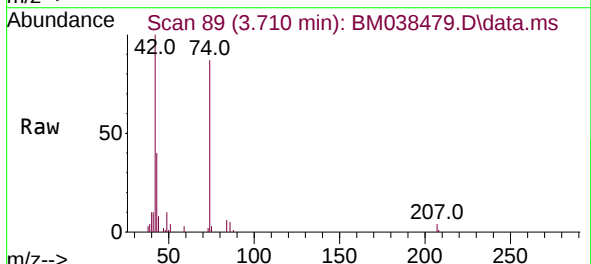
Tgt Ion: 79 Resp: 35808
Ion Ratio Lower Upper
79 100
52 74.1 62.2 93.2
51 46.3 34.8 52.2

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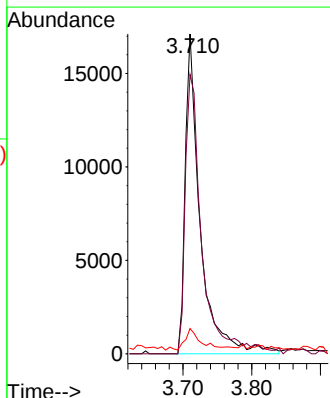
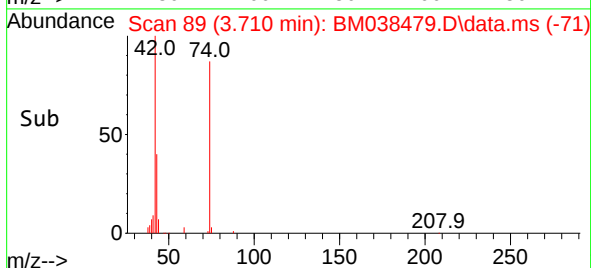
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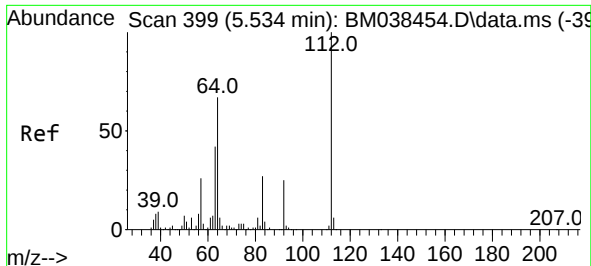


#4
n-Nitrosodimethylamine
Concen: 9.157 ng m
RT: 3.710 min Scan# 89
Delta R.T. 0.006 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27



Tgt Ion: 42 Resp: 25972
Ion Ratio Lower Upper
42 100
74 87.3 79.7 119.5
44 7.9 4.7 7.1#





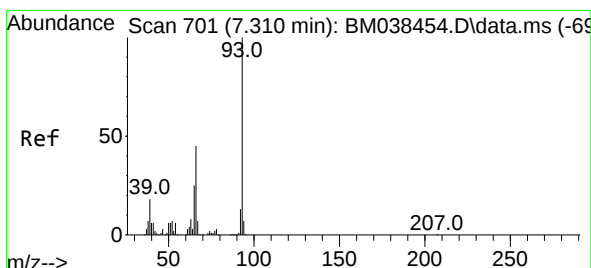
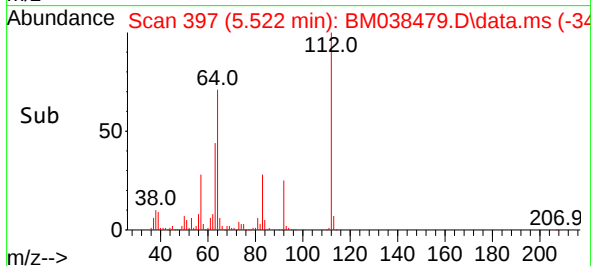
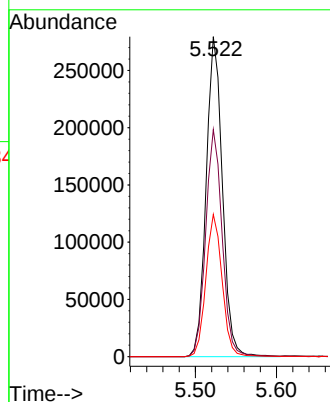
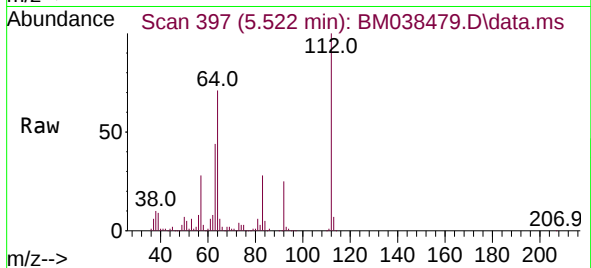
#5
2-Fluorophenol
Concen: 107.391 ng
RT: 5.522 min Scan# 399
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

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

Tgt Ion: 112 Resp: 389399
Ion Ratio Lower Upper
112 100
64 70.9 53.7 80.5
63 44.4 33.7 50.5

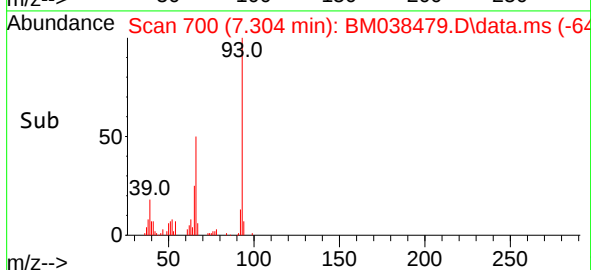
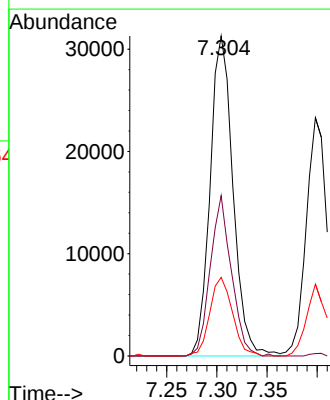
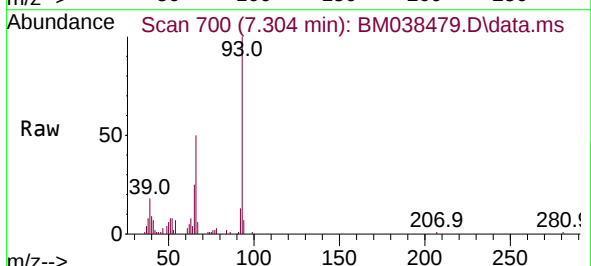
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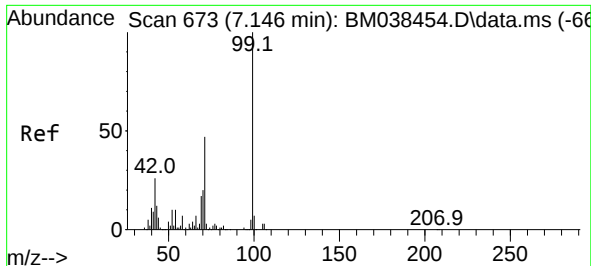
Reviewed By :Christian Giraldo 01/19/2023
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#6
Aniline
Concen: 8.474 ng
RT: 7.304 min Scan# 700
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

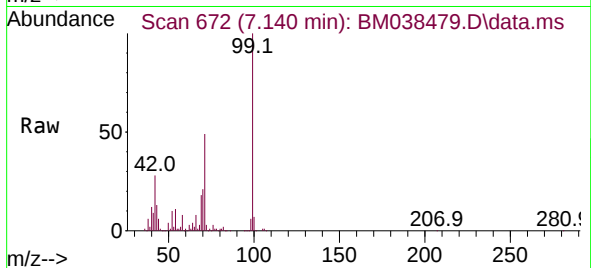
Tgt Ion: 93 Resp: 49713
Ion Ratio Lower Upper
93 100
66 50.1 36.2 54.2
65 24.5 19.8 29.8





#7
Phenol-d6
Concen: 106.181 ng
RT: 7.140 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

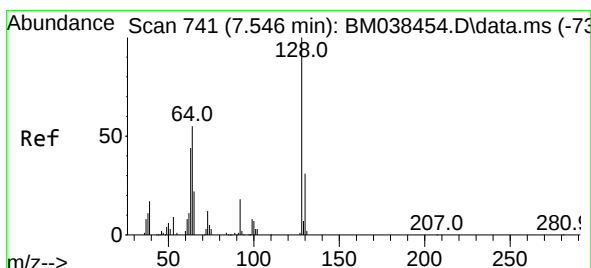
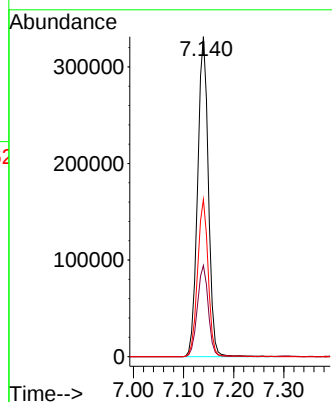
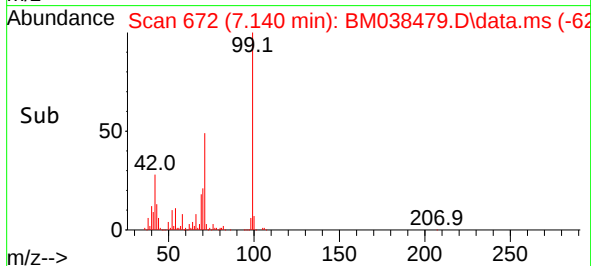
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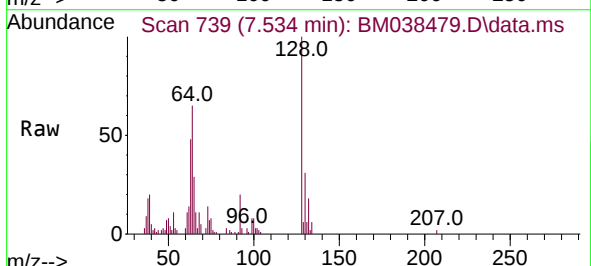
Tgt Ion: 99 Resp: 493193
Ion Ratio Lower Upper
99 100
42 28.5 20.8 31.2
71 49.2 37.8 56.8

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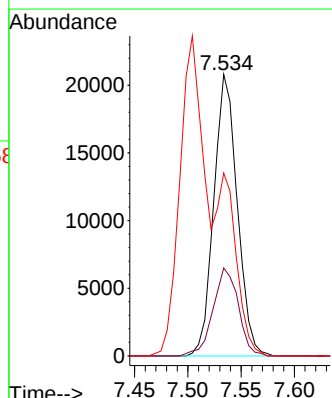
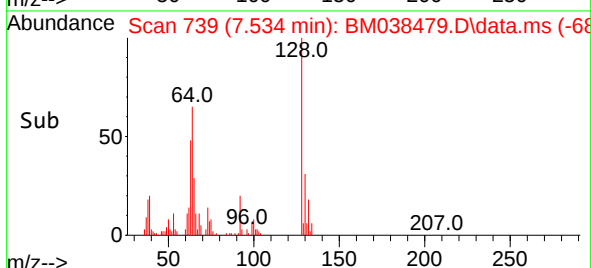
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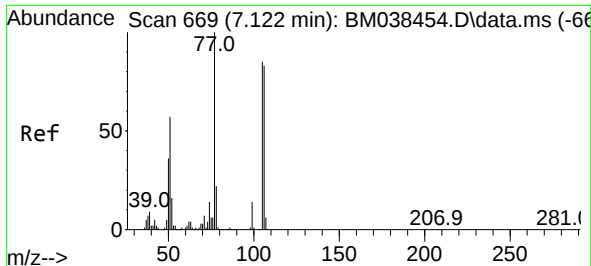


#8
2-Chlorophenol
Concen: 8.867 ng
RT: 7.534 min Scan# 739
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27



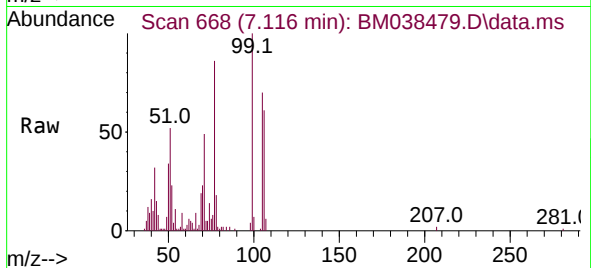
Tgt Ion:128 Resp: 31832
Ion Ratio Lower Upper
128 100
130 31.2 11.5 51.5
64 64.9 38.0 78.0





#9
Benzaldehyde
Concen: 11.735 ng
RT: 7.116 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

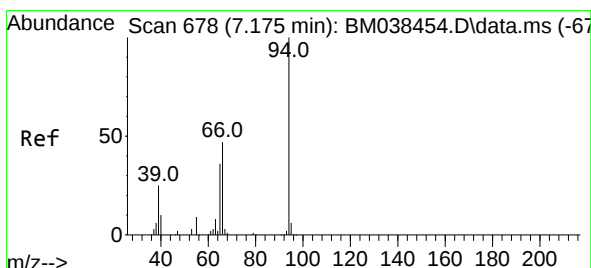
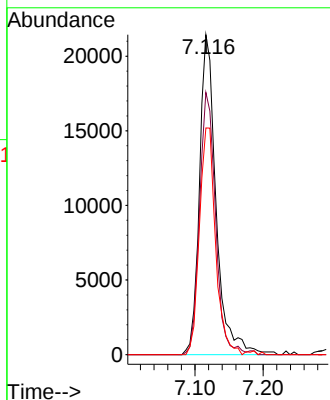
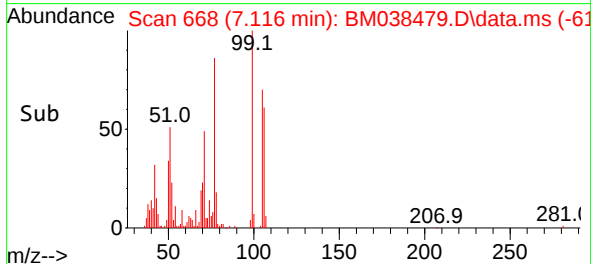
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 77 Resp: 36449
Ion Ratio Lower Upper
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106 70.8 62.5 102.5

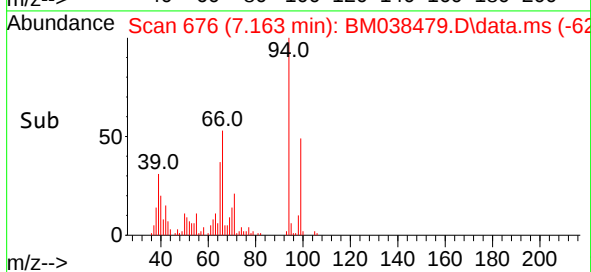
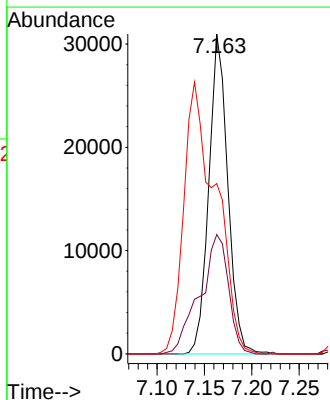
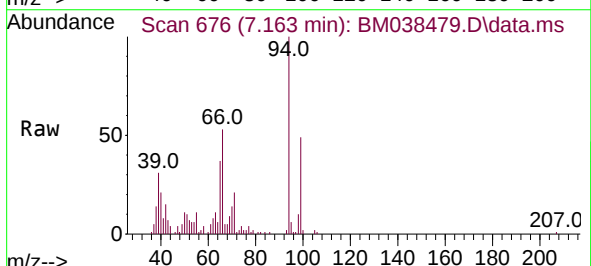
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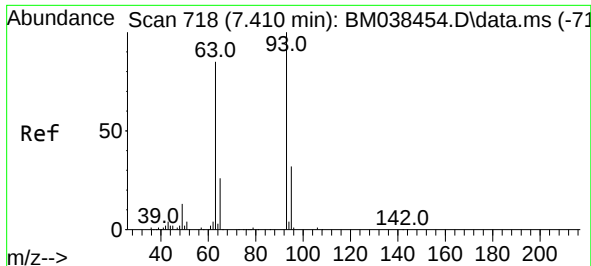
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#10
Phenol
Concen: 8.929 ng
RT: 7.163 min Scan# 676
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

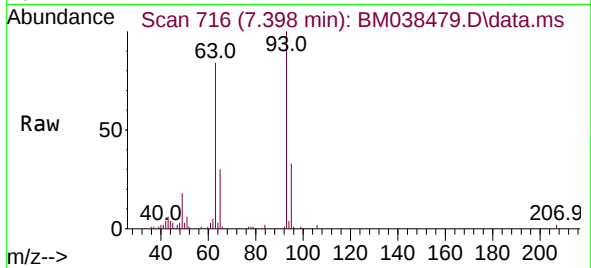
Tgt Ion: 94 Resp: 43221
Ion Ratio Lower Upper
94 100
65 37.3 16.3 56.3
66 53.2 29.2 69.2





#11
bis(2-Chloroethyl)ether
Concen: 8.862 ng
RT: 7.398 min Scan# 718
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

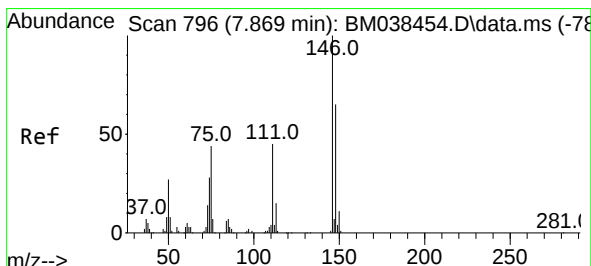
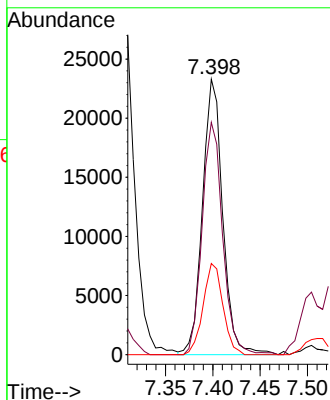
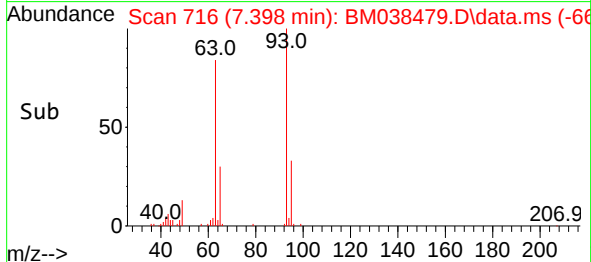
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



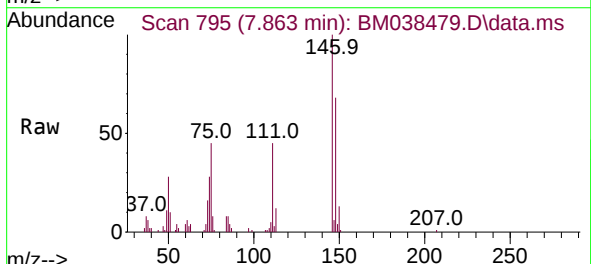
Tgt Ion: 93 Resp: 34760
Ion Ratio Lower Upper
93 100
63 84.3 64.6 104.6
95 33.1 12.0 52.0

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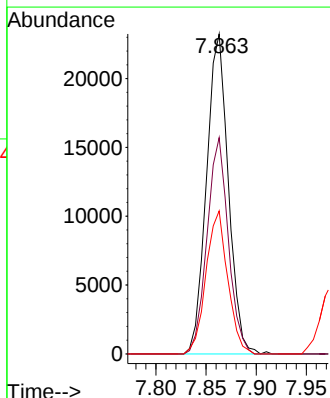
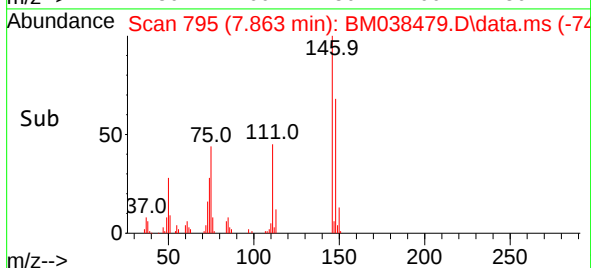
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

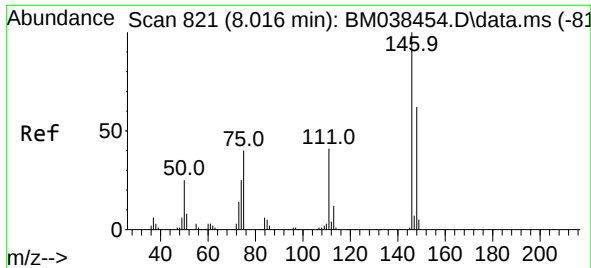


#12
1,3-Dichlorobenzene
Concen: 9.128 ng
RT: 7.863 min Scan# 795
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27



Tgt Ion:146 Resp: 35104
Ion Ratio Lower Upper
146 100
148 67.6 51.8 77.8
75 44.7 35.1 52.7





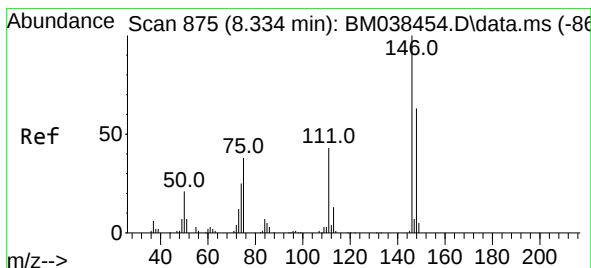
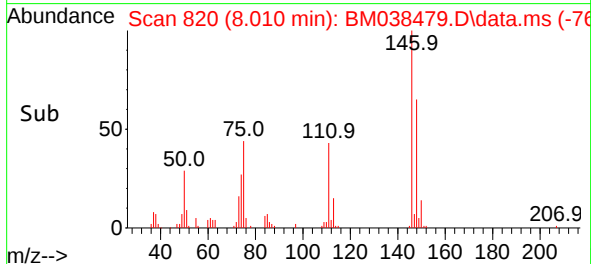
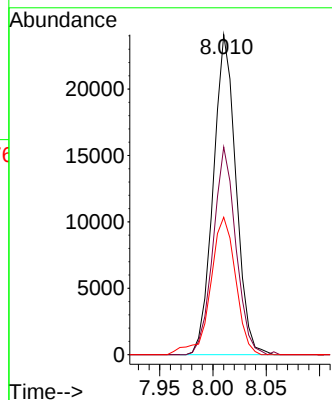
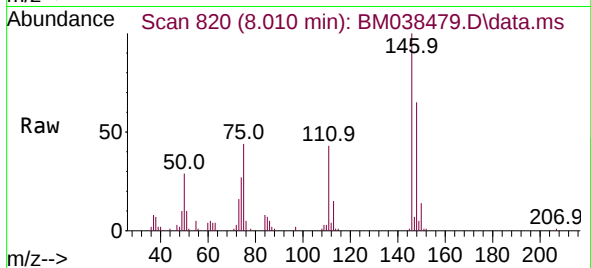
#13
1,4-Dichlorobenzene
Concen: 9.230 ng
RT: 8.010 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

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

Tgt Ion:146 Resp: 35712
Ion Ratio Lower Upper
146 100
148 64.9 50.1 75.1
111 42.9 32.8 49.2

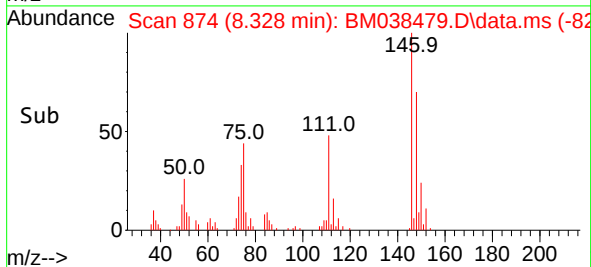
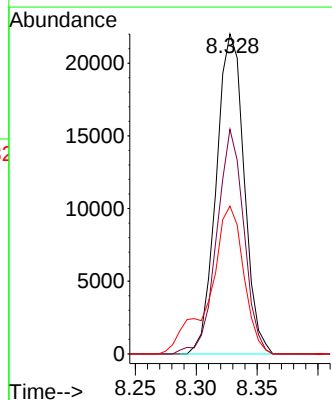
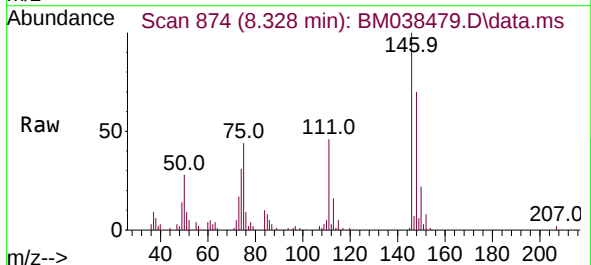
Manual Integrations
APPROVED

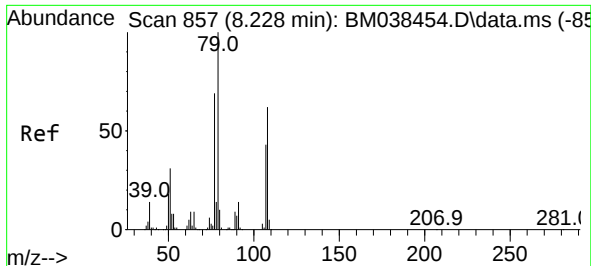
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#14
1,2-Dichlorobenzene
Concen: 9.241 ng
RT: 8.328 min Scan# 874
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

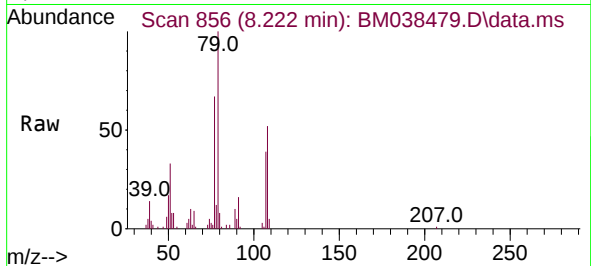
Tgt Ion:146 Resp: 34959
Ion Ratio Lower Upper
146 100
148 70.2 50.7 76.1
111 46.2 35.2 52.8





#15
Benzyl Alcohol
Concen: 8.709 ng
RT: 8.222 min Scan# 857
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

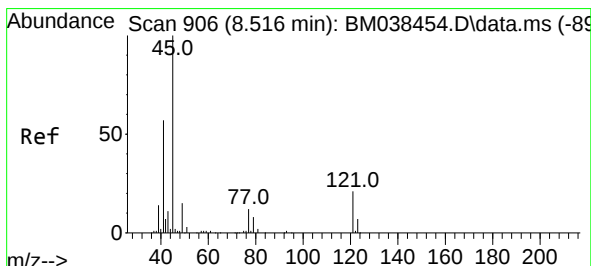
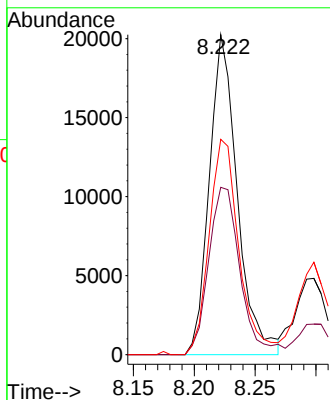
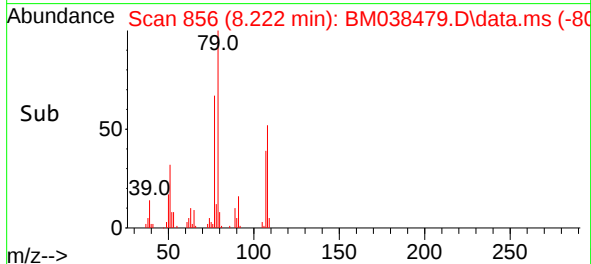
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 79 Resp: 32398
Ion Ratio Lower Upper
79 100
108 52.3 49.3 73.9
77 67.3 55.1 82.7

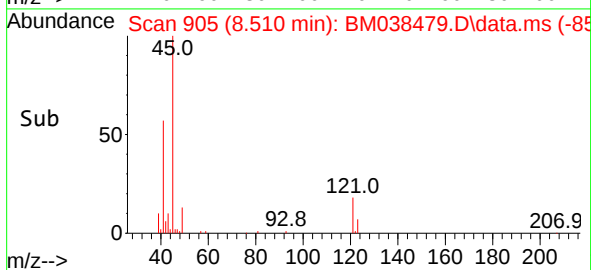
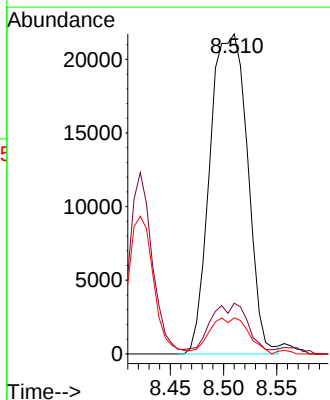
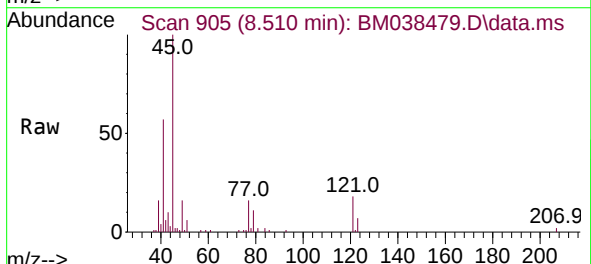
Manual Integrations
APPROVED

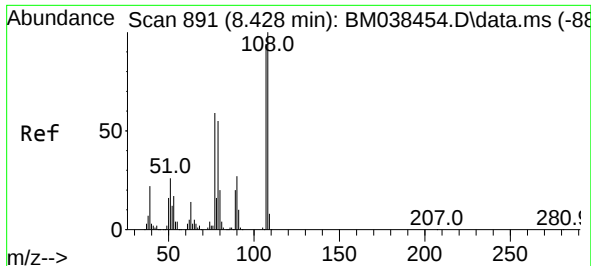
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.704 ng
RT: 8.510 min Scan# 905
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

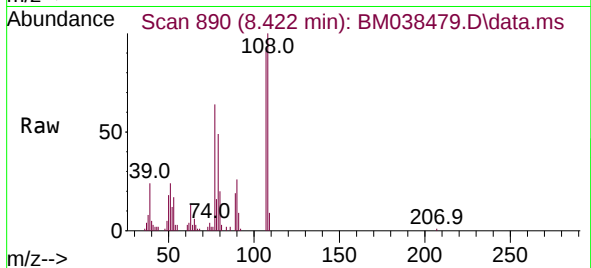
Tgt Ion: 45 Resp: 53070
Ion Ratio Lower Upper
45 100
77 15.8 0.0 34.7
79 11.3 0.0 30.4





#17
2-Methylphenol
Concen: 8.169 ng
RT: 8.422 min Scan# 891
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

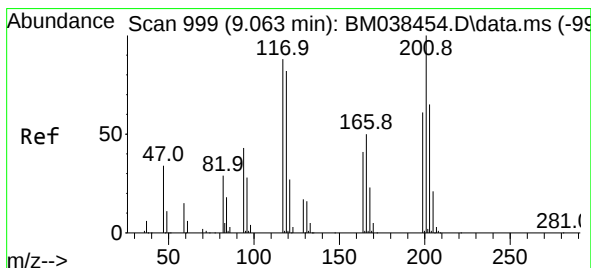
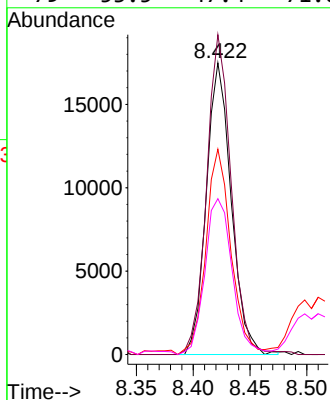
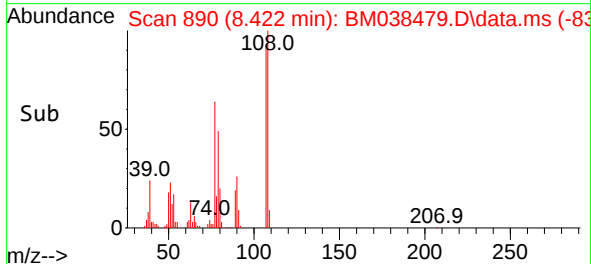
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:107 Resp: 26706
Ion Ratio Lower Upper
107 100
108 109.7 85.7 128.5
77 70.4 50.5 75.7
79 53.5 47.4 71.0

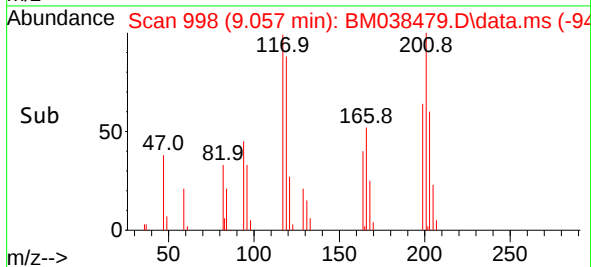
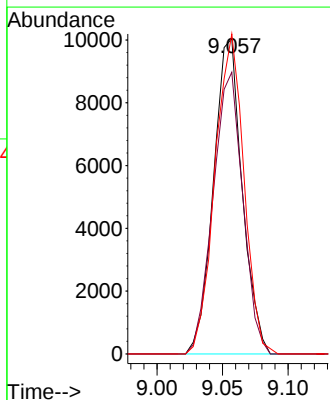
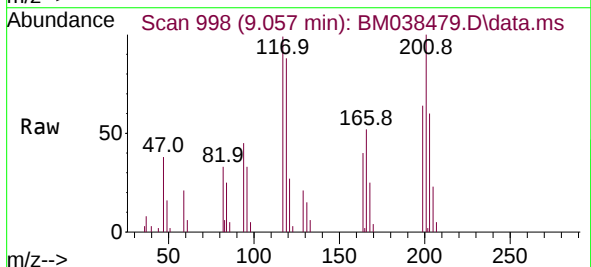
Manual Integrations
APPROVED

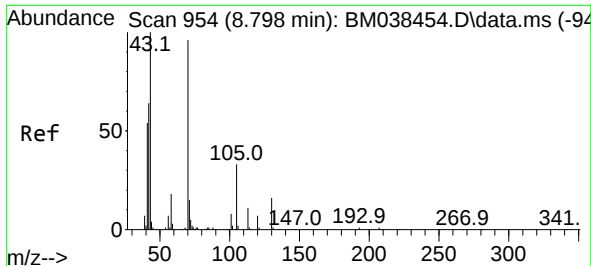
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#18
Hexachloroethane
Concen: 9.661 ng
RT: 9.057 min Scan# 998
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

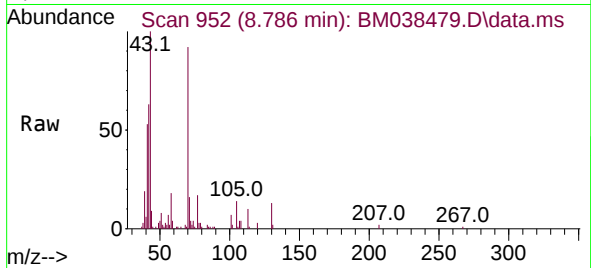
Tgt Ion:117 Resp: 15311
Ion Ratio Lower Upper
117 100
119 89.3 74.5 111.7
201 101.5 91.3 136.9





#19
n-Nitroso-di-n-propylamine
Concen: 8.907 ng
RT: 8.786 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

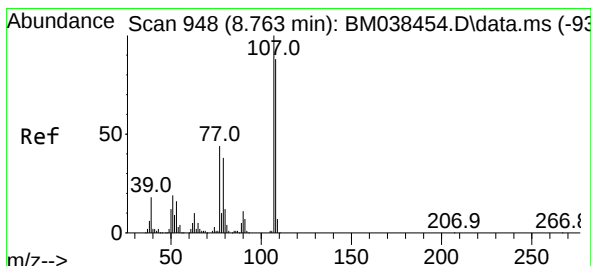
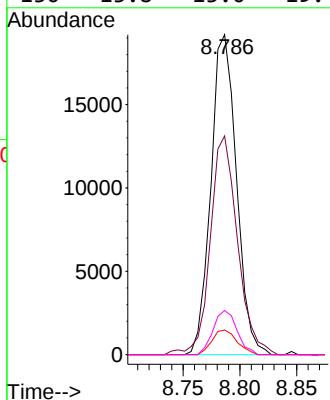
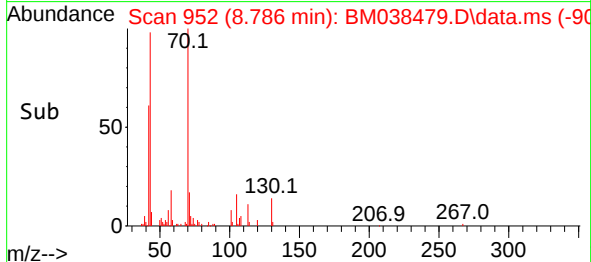
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



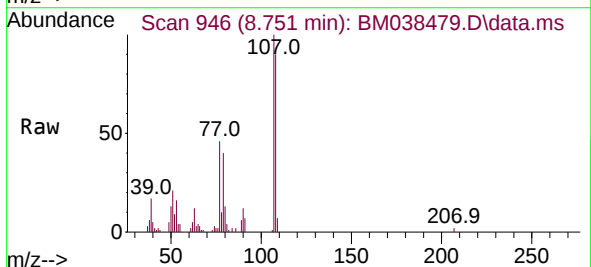
Tgt Ion: 70 Resp: 30032
Ion Ratio Lower Upper
70 100
42 68.3 54.2 81.2
101 7.7 6.6 10.0
130 13.8 13.0 19.4

Manual Integrations
APPROVED

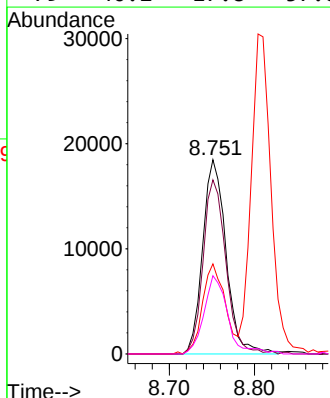
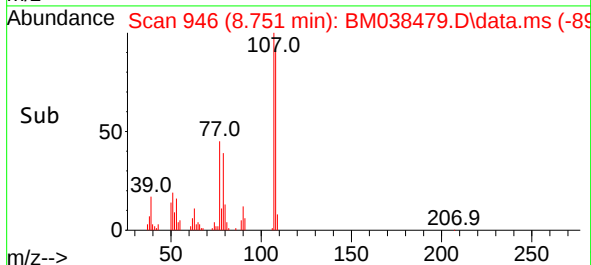
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

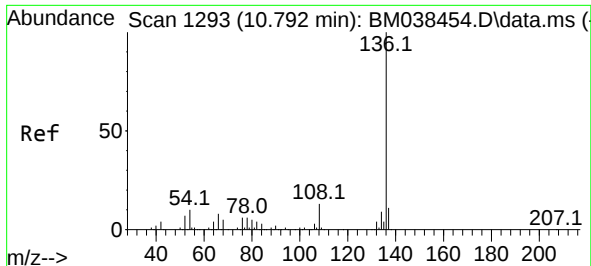


#20
3+4-Methylphenols
Concen: 8.024 ng
RT: 8.751 min Scan# 946
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27



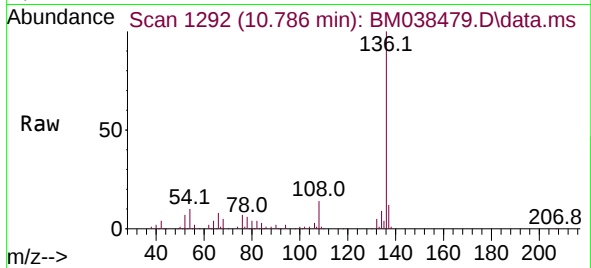
Tgt Ion:107 Resp: 35220
Ion Ratio Lower Upper
107 100
108 89.6 67.6 107.6
77 46.4 24.1 64.1
79 40.2 17.8 57.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.786 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

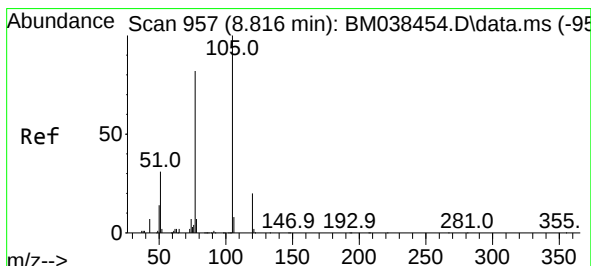
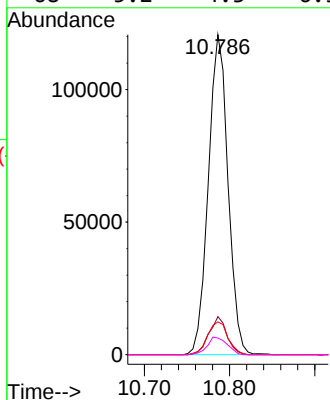
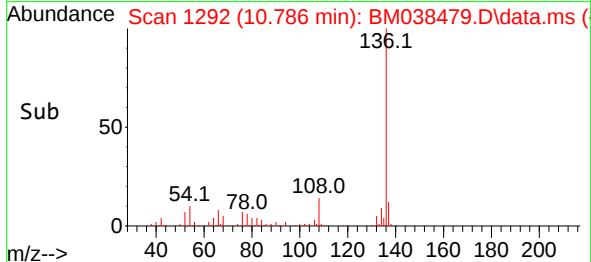
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:136 Resp: 193126
Ion Ratio Lower Upper
136 100
137 11.9 9.0 13.4
54 10.2 7.6 11.4
68 5.2 4.3 6.5

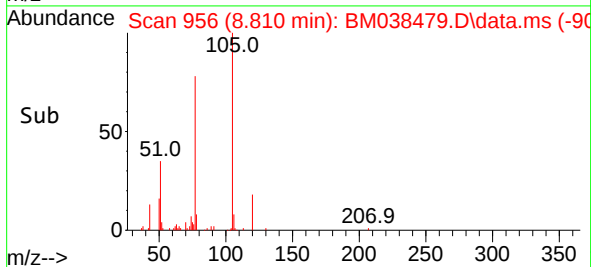
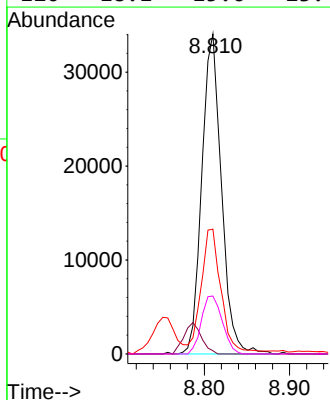
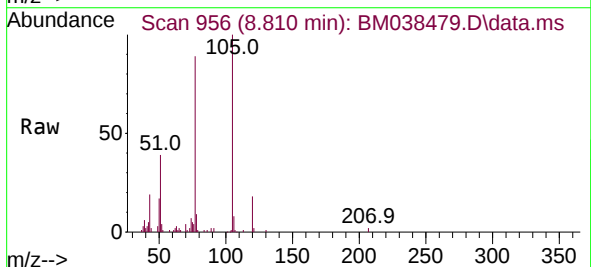
Manual Integrations
APPROVED

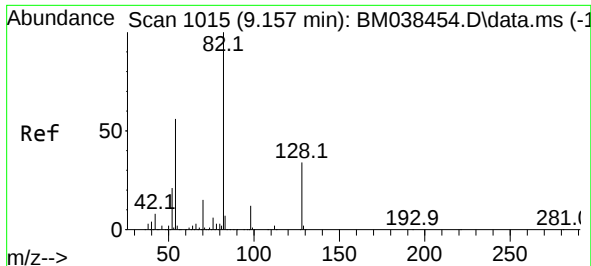
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#22
Acetophenone
Concen: 9.533 ng
RT: 8.810 min Scan# 956
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

Tgt Ion:105 Resp: 54419
Ion Ratio Lower Upper
105 100
71 1.0 1.0 1.6#
51 39.0 27.4 41.2
120 18.1 15.6 23.4





#23

Nitrobenzene-d5

Concen: 76.561 ng

RT: 9.151 min Scan# 1014

Delta R.T. 0.000 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

Instrument :

BNA_M

ClientSampleId :

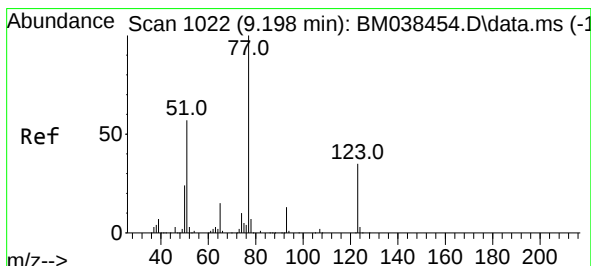
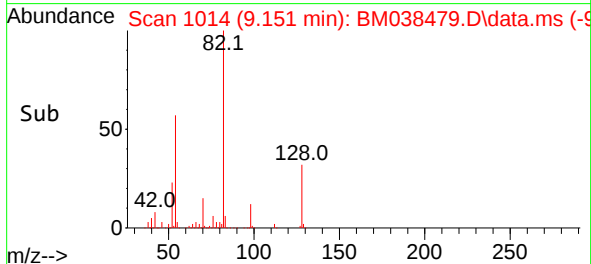
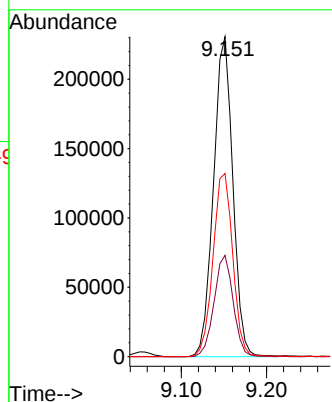
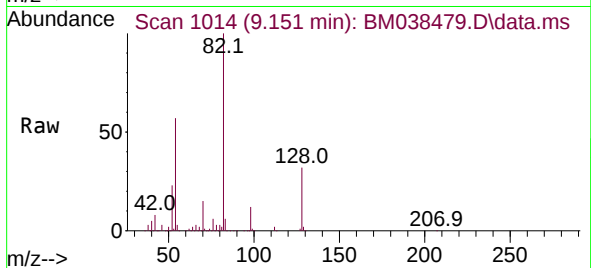
LOQ-WATER-02-QT3-2022

Tgt Ion: 82	Resp: 36288
Ion Ratio	Lower Upper
82 100	
128 31.6	27.0 40.6
54 57.2	45.0 67.6

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 9.588 ng

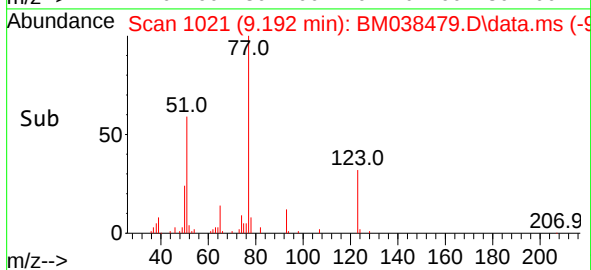
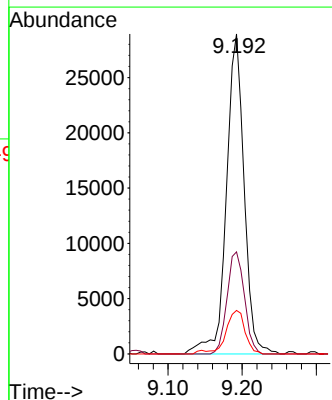
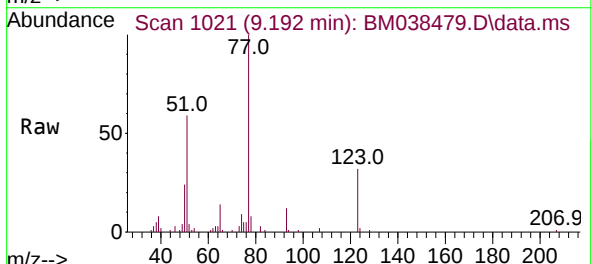
RT: 9.192 min Scan# 1021

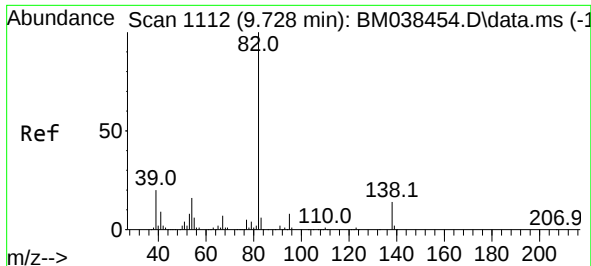
Delta R.T. 0.000 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

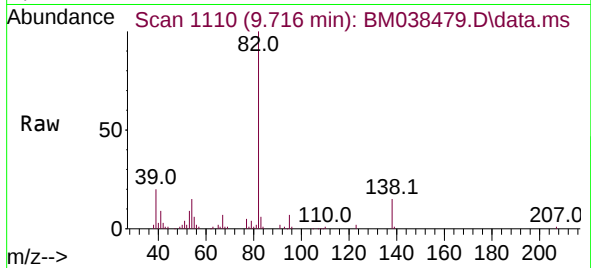
Tgt Ion: 77	Resp: 48018
Ion Ratio	Lower Upper
77 100	
123 31.9	28.2 42.4
65 13.6	12.1 18.1





#25
Isophorone
Concen: 8.890 ng
RT: 9.716 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

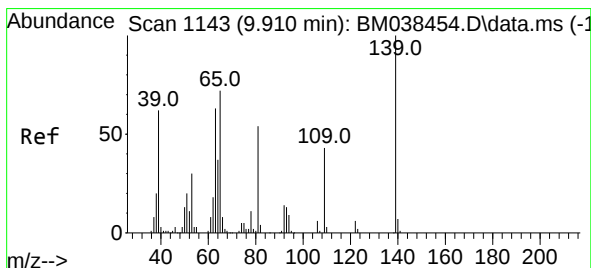
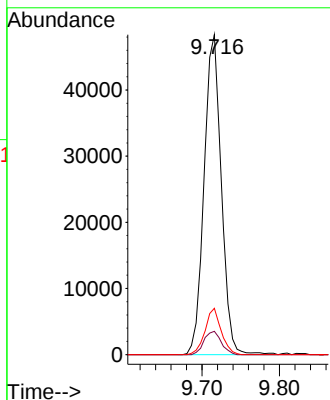
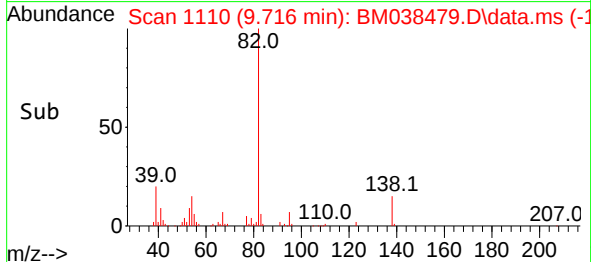
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 82 Resp: 74642
Ion Ratio Lower Upper
82 100
95 7.3 6.1 9.1
138 14.5 11.5 17.3

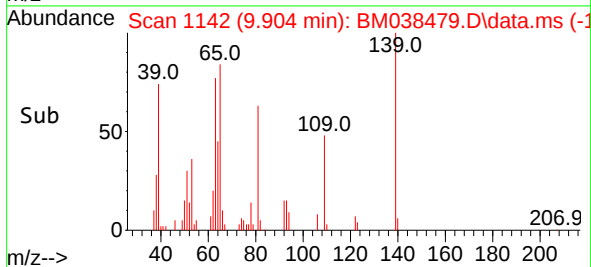
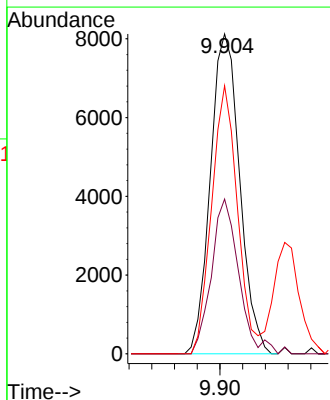
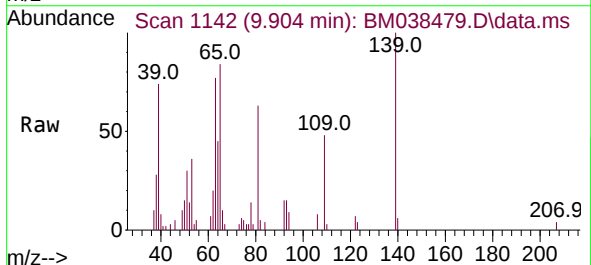
Manual Integrations
APPROVED

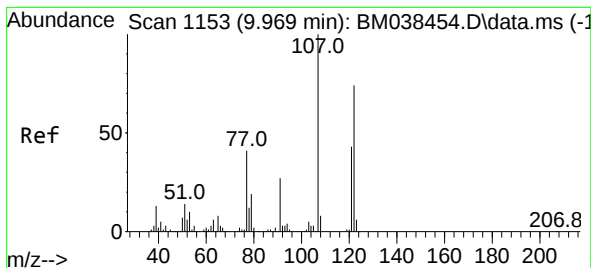
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#26
2-Nitrophenol
Concen: 8.287 ng
RT: 9.904 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

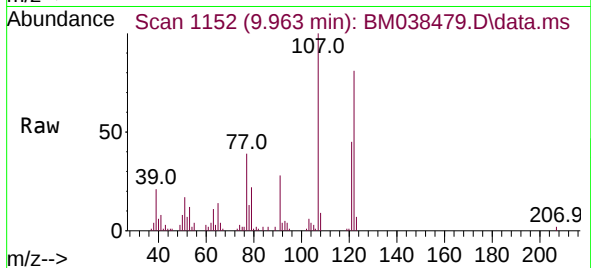
Tgt Ion:139 Resp: 14571
Ion Ratio Lower Upper
139 100
109 48.4 34.7 52.1
65 83.8 57.4 86.0





#27
2,4-Dimethylphenol
Concen: 8.113 ng
RT: 9.963 min Scan# 1152
Delta R.T. 0.006 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

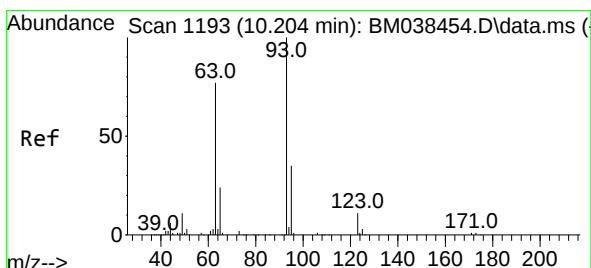
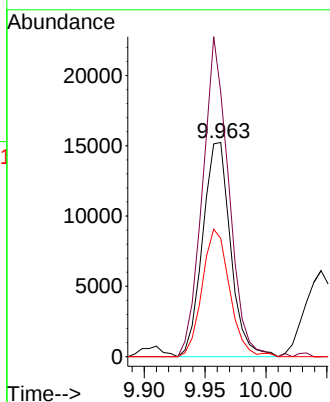
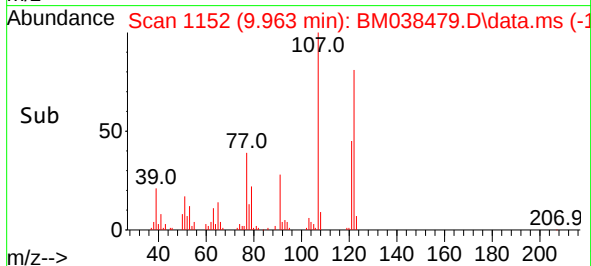
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 122 Resp: 24290
Ion Ratio Lower Upper
122 100
107 123.3 107.4 161.0
121 55.1 46.6 70.0

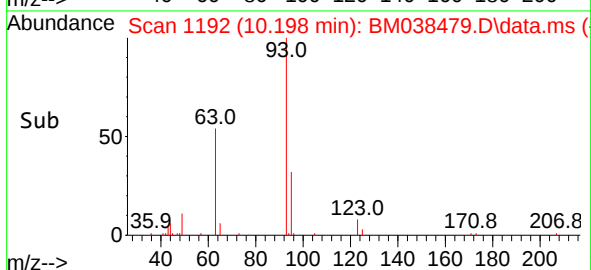
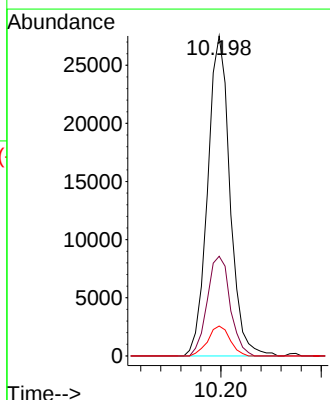
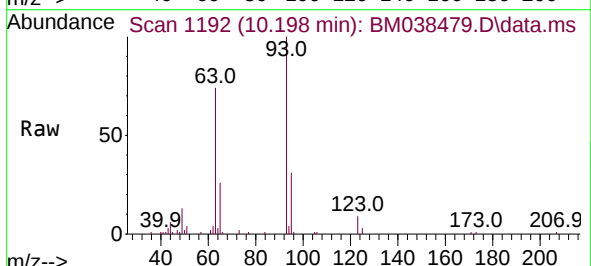
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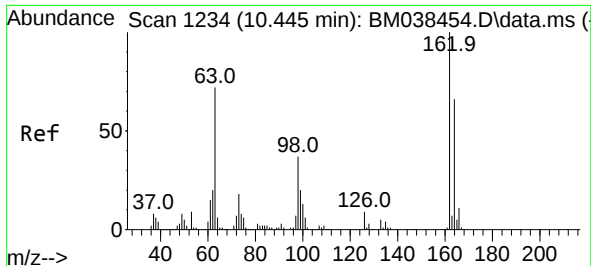
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#28
bis(2-Chloroethoxy)methane
Concen: 8.991 ng
RT: 10.198 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

Tgt Ion: 93 Resp: 42451
Ion Ratio Lower Upper
93 100
95 31.1 27.7 41.5
123 9.3 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 8.416 ng

RT: 10.433 min Scan# 1232

Delta R.T. 0.000 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

Instrument :

BNA_M

ClientSampleId :

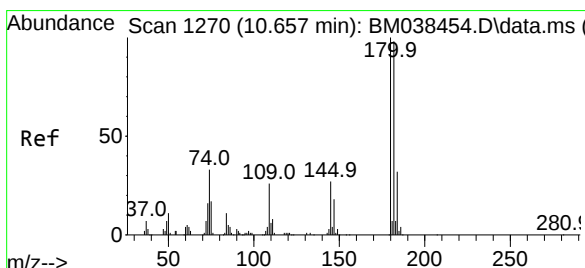
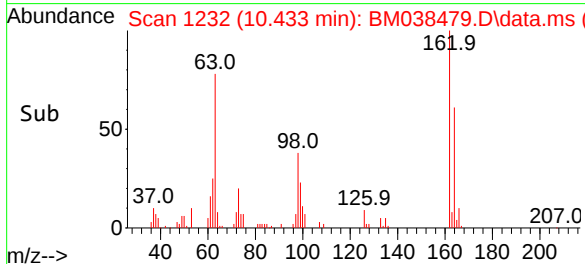
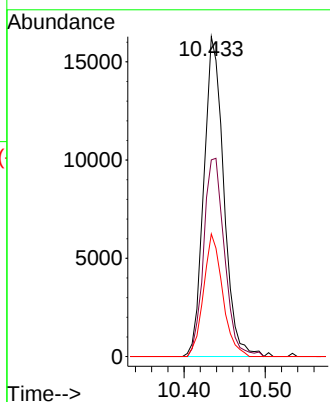
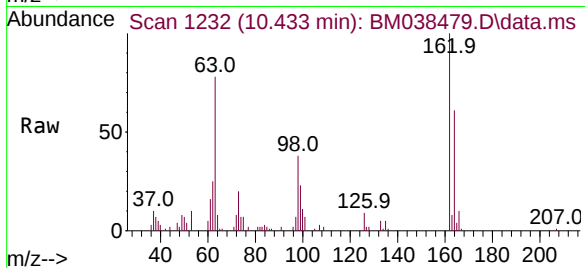
LOQ-WATER-02-QT3-2022

Tgt Ion:	162	Resp:	27835
Ion Ratio	Lower	Upper	
162	100		
164	61.5	46.5	86.5
98	38.3	17.1	57.1

Manual Integrations

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



#30

1,2,4-Trichlorobenzene

Concen: 8.728 ng

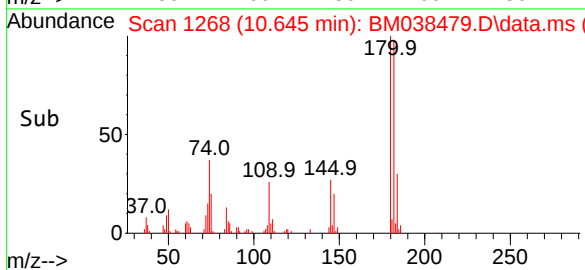
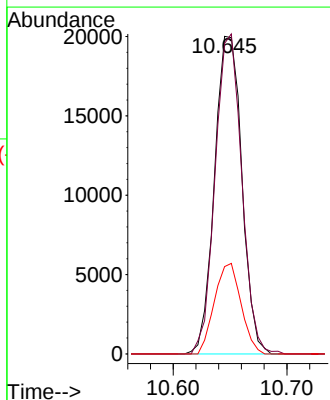
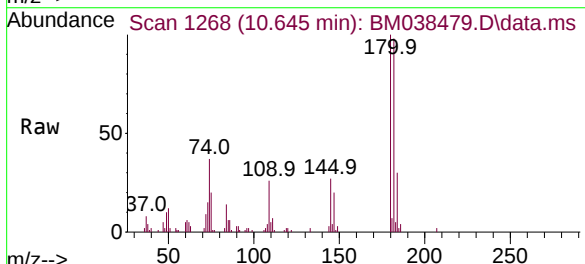
RT: 10.645 min Scan# 1268

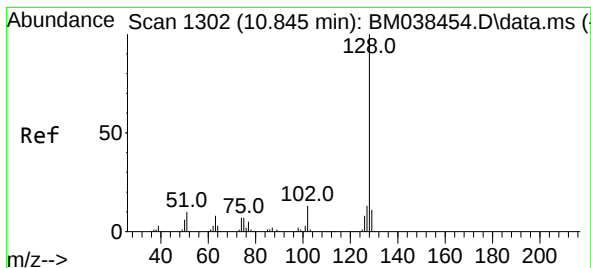
Delta R.T. -0.006 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

Tgt Ion:	180	Resp:	33383
Ion Ratio	Lower	Upper	
180	100		
182	97.8	78.1	117.1
145	27.5	21.9	32.9





#31

Naphthalene

Concen: 8.764 ng

RT: 10.839 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

Instrument :

BNA_M

ClientSampleId :

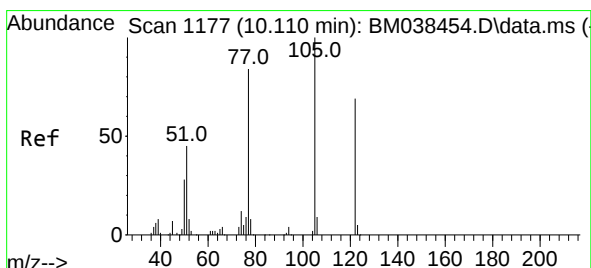
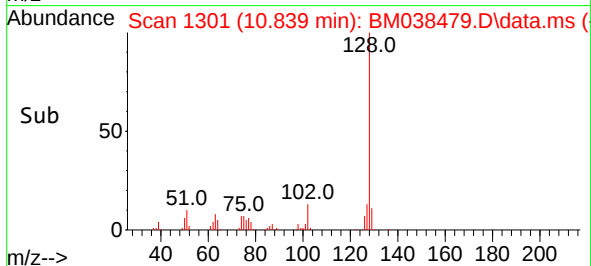
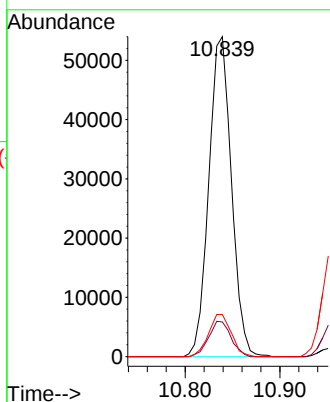
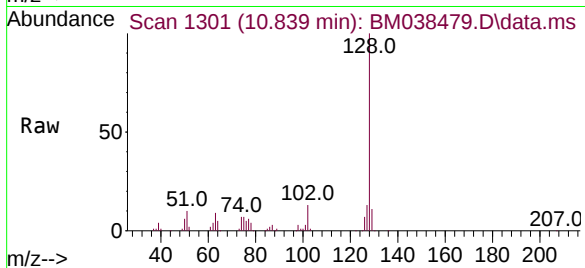
LOQ-WATER-02-QT3-2022

Tgt Ion:128 Resp: 8969
 Ion Ratio Lower Upper
 128 100
 129 10.9 8.9 13.3
 127 13.2 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: 10.000 ng m

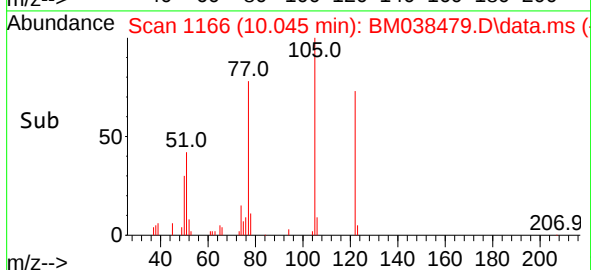
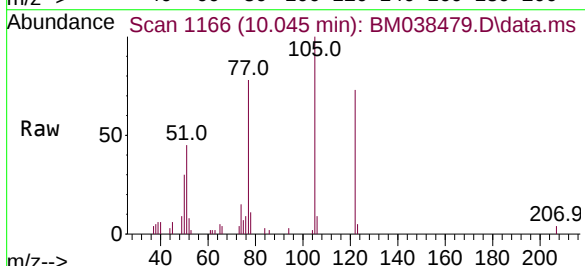
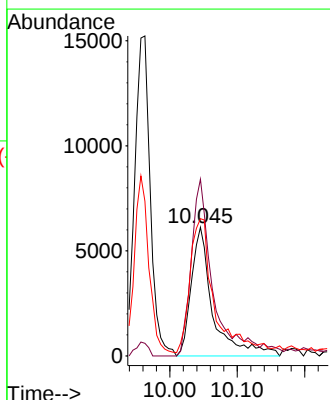
RT: 10.045 min Scan# 1166

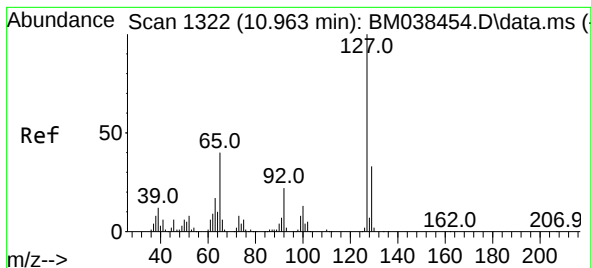
Delta R.T. -0.053 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

Tgt Ion:122 Resp: 13627
 Ion Ratio Lower Upper
 122 100
 105 137.5 122.6 162.6
 77 106.6 101.5 141.5





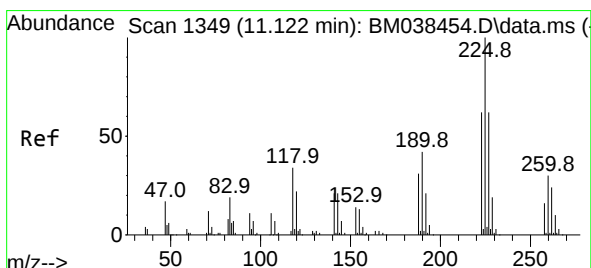
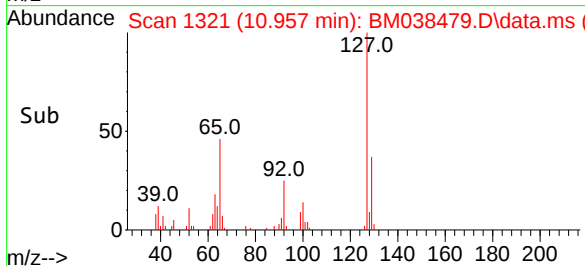
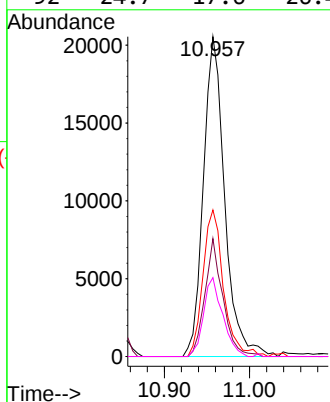
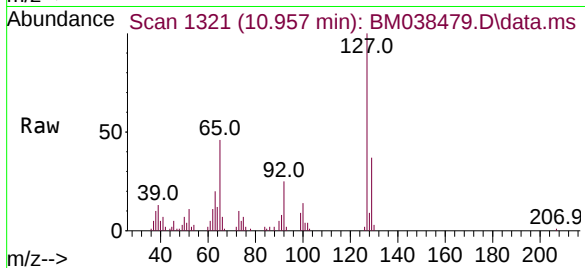
#33
4-Chloroaniline
Concen: 7.955 ng
RT: 10.957 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

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

Tgt Ion:127 Resp: 35736
Ion Ratio Lower Upper
127 100
129 36.9 26.4 39.6
65 45.8 32.1 48.1
92 24.7 17.6 26.4

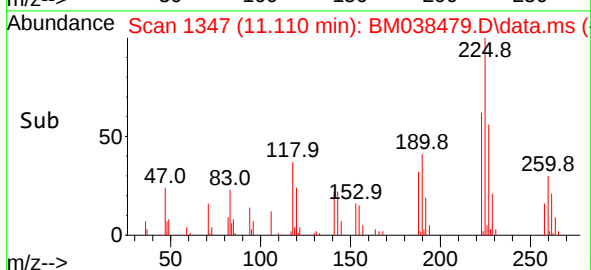
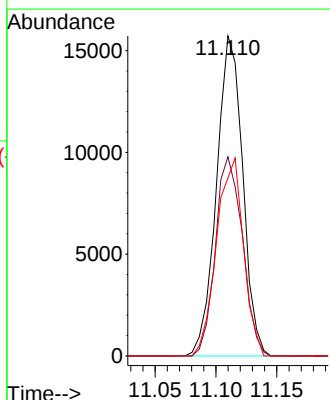
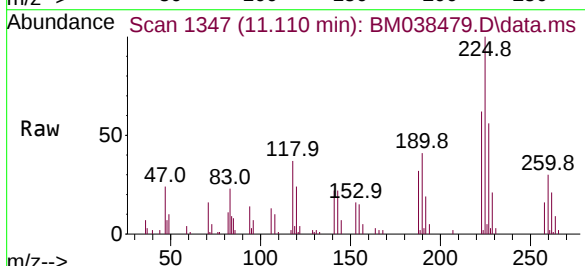
Manual Integrations
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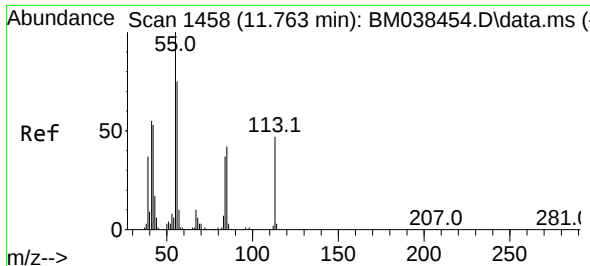
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#34
Hexachlorobutadiene
Concen: 8.782 ng
RT: 11.110 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

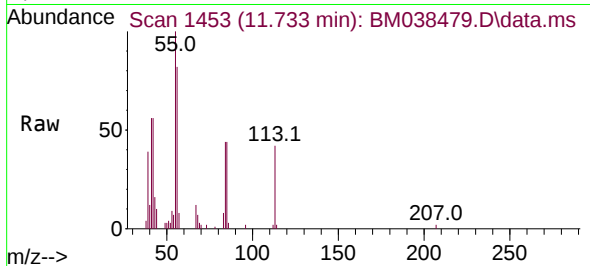
Tgt Ion:225 Resp: 23554
Ion Ratio Lower Upper
225 100
223 64.7 49.8 74.8
227 55.6 49.6 74.4





#35
Caprolactam
Concen: 10.149 ng
RT: 11.733 min Scan# 1458
Delta R.T. -0.018 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

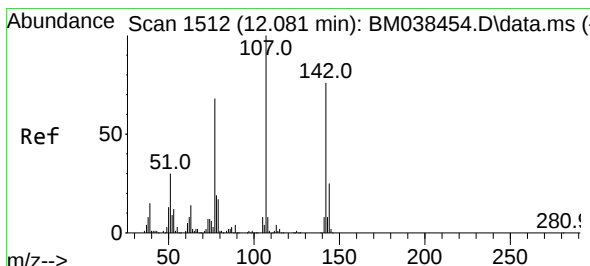
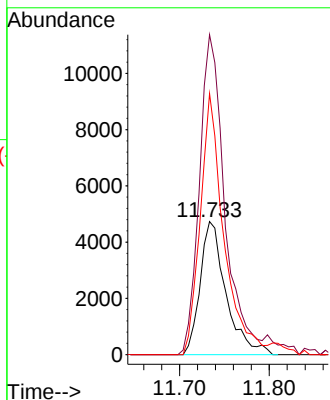
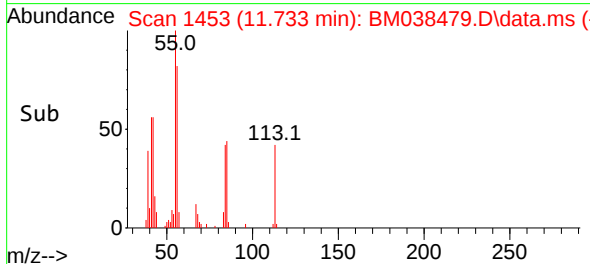
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



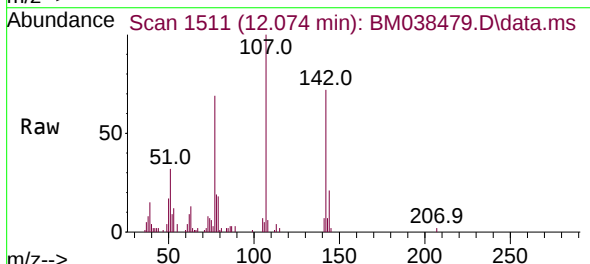
Tgt Ion:113 Resp: 9488
Ion Ratio Lower Upper
113 100
55 240.4 194.2 234.2
56 196.1 141.6 181.6

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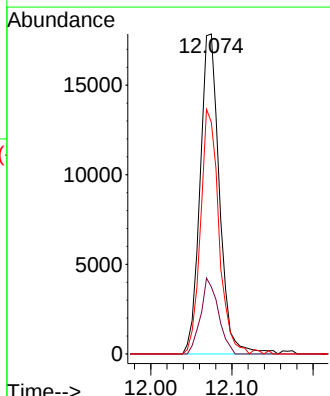
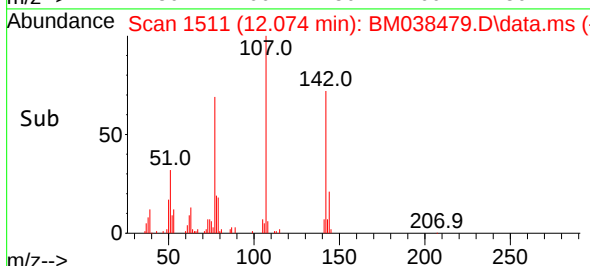
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

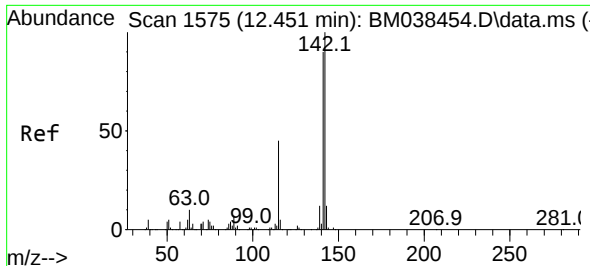


#36
4-Chloro-3-methylphenol
Concen: 8.202 ng
RT: 12.074 min Scan# 1511
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27



Tgt Ion:107 Resp: 29580
Ion Ratio Lower Upper
107 100
144 20.9 20.3 30.5
142 72.4 61.2 91.8





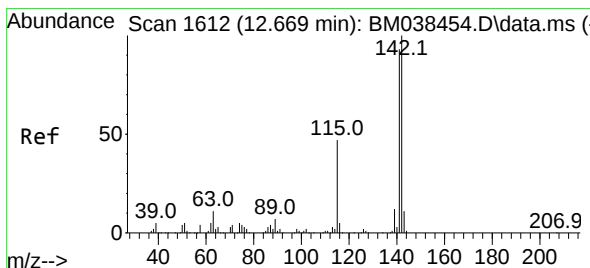
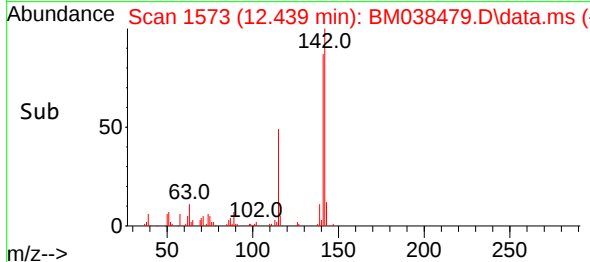
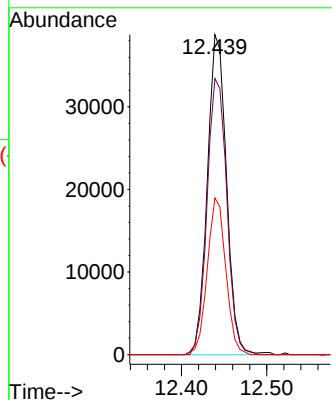
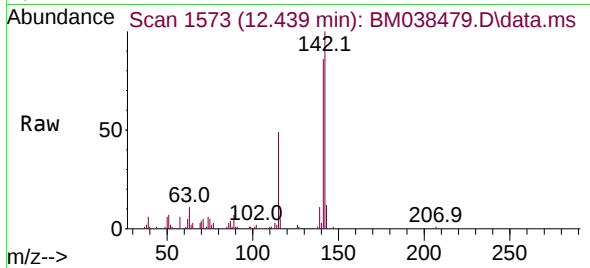
#37
2-Methylnaphthalene
Concen: 8.087 ng
RT: 12.439 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

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

Tgt Ion:142 Resp: 6052
Ion Ratio Lower Upper
142 100
141 86.3 72.0 108.0
115 48.9 35.9 53.9

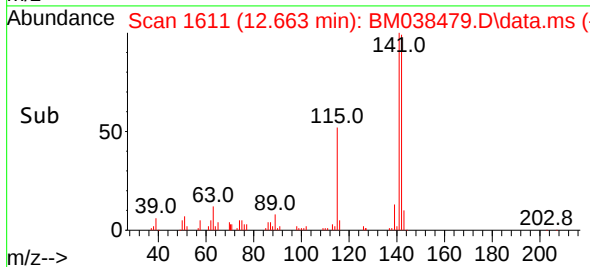
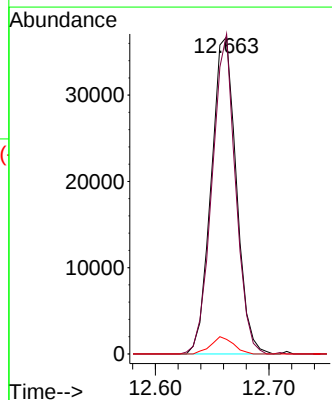
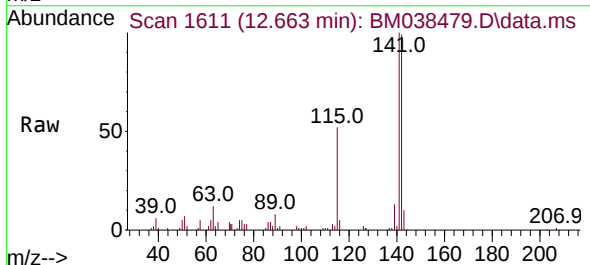
Manual Integrations
APPROVED

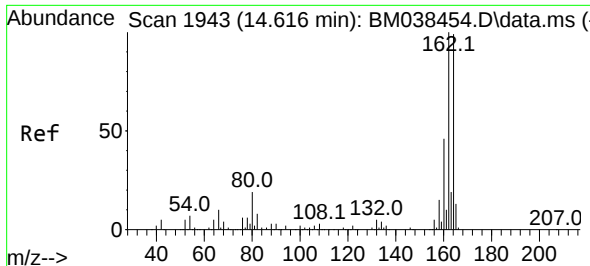
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#38
1-Methylnaphthalene
Concen: 8.009 ng
RT: 12.663 min Scan# 1611
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

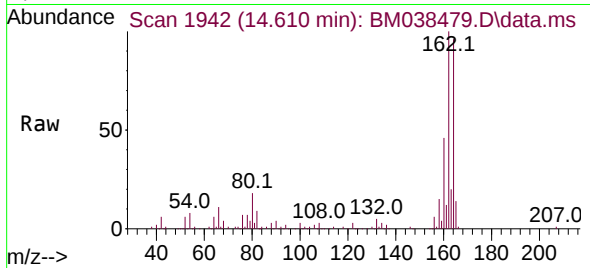
Tgt Ion:142 Resp: 56267
Ion Ratio Lower Upper
142 100
141 100.9 74.4 111.6
116 4.6 3.8 5.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

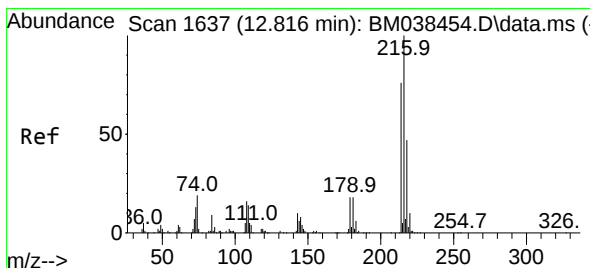
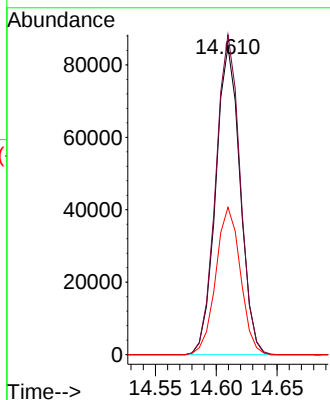
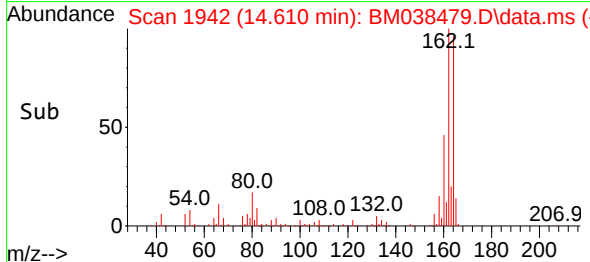
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:164 Resp: 118282
Ion Ratio Lower Upper
164 100
162 103.8 80.9 121.3
160 47.8 37.4 56.0

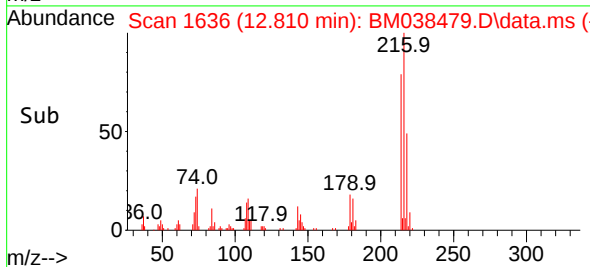
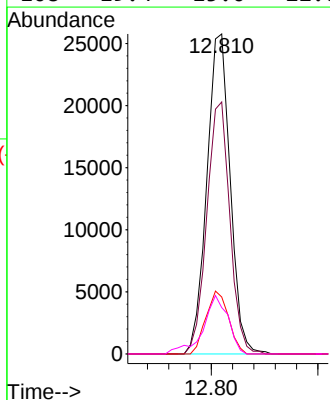
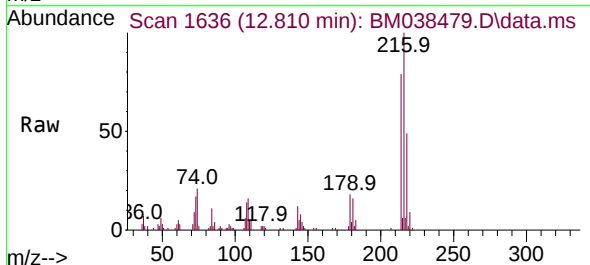
Manual Integrations
APPROVED

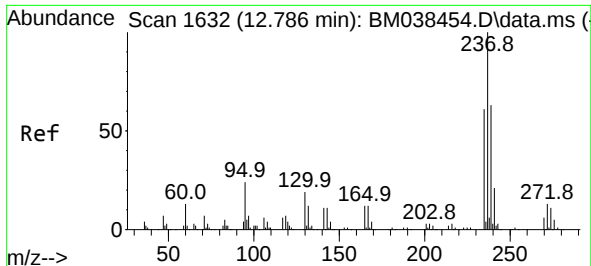
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.866 ng
RT: 12.810 min Scan# 1636
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

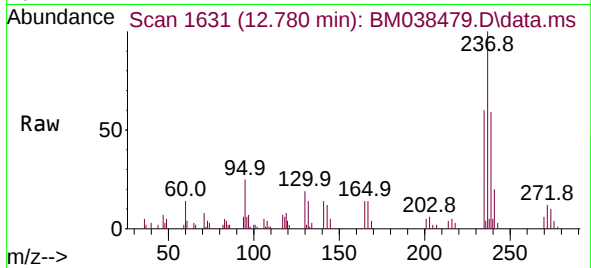
Tgt Ion:216 Resp: 39248
Ion Ratio Lower Upper
216 100
214 77.5 61.4 92.0
179 18.9 15.3 22.9
108 19.4 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 8.742 ng
RT: 12.780 min Scan# 1632
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

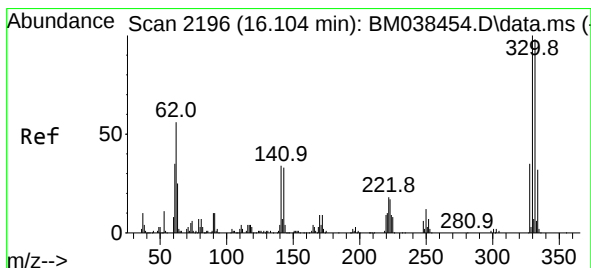
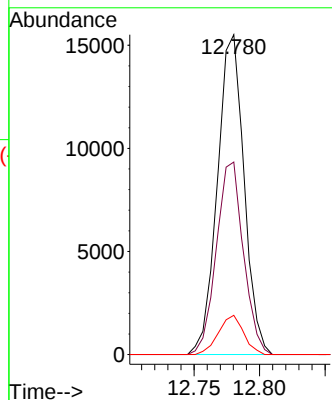
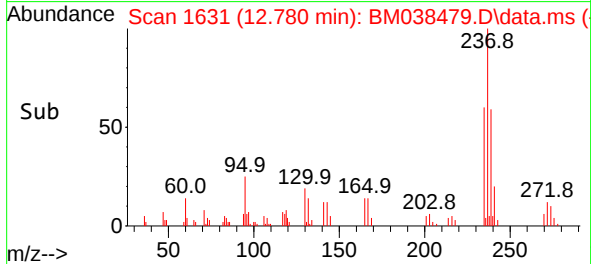
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:237 Resp: 22000
Ion Ratio Lower Upper
237 100
235 60.2 40.9 80.9
272 12.3 0.0 32.6

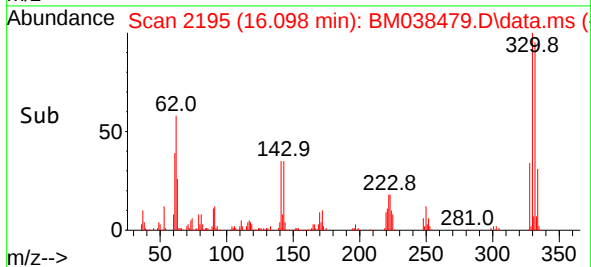
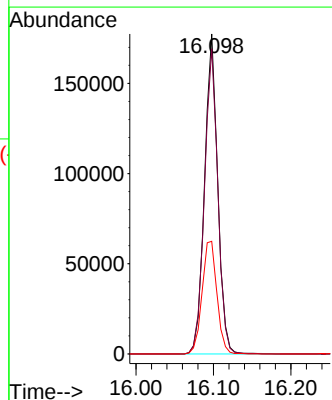
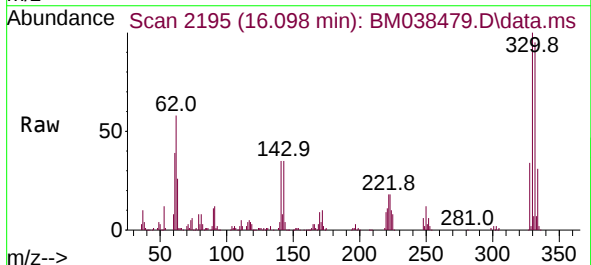
Manual Integrations
APPROVED

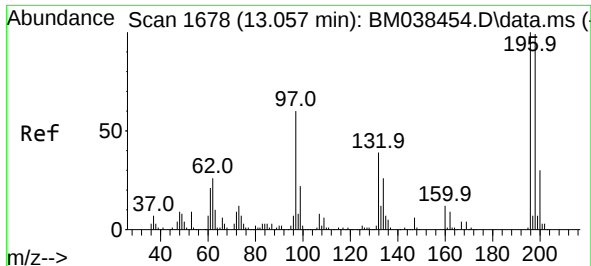
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#42
2,4,6-Tribromophenol
Concen: 104.394 ng
RT: 16.098 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

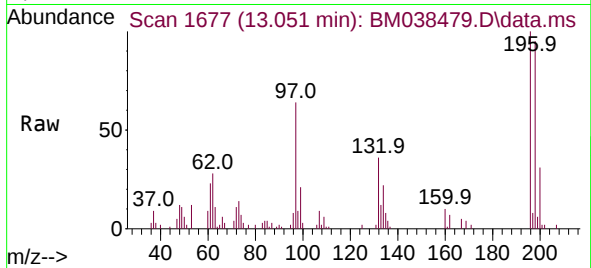
Tgt Ion:330 Resp: 208741
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.4
141 39.6 28.1 42.1





#43
2,4,6-Trichlorophenol
Concen: 8.488 ng
RT: 13.051 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

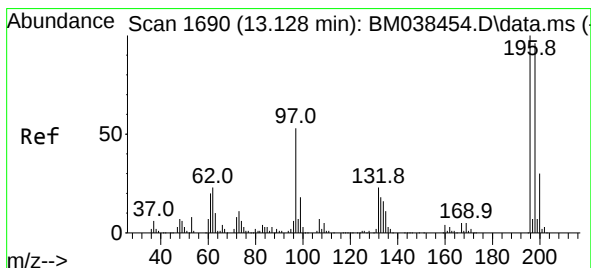
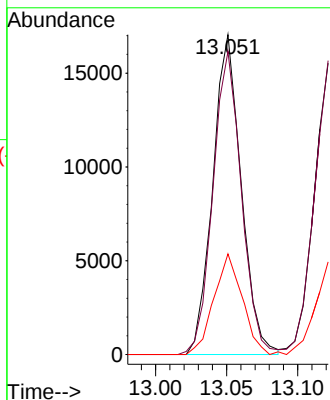
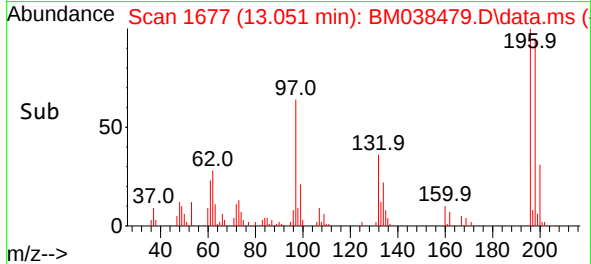
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



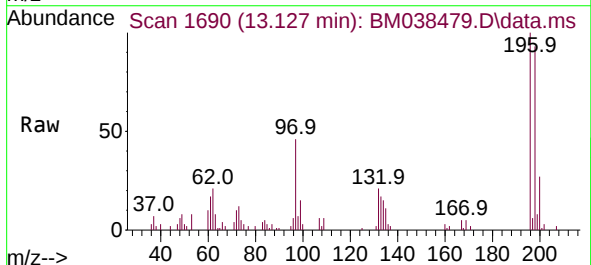
Tgt Ion:196 Resp: 23754
Ion Ratio Lower Upper
196 100
198 94.7 78.8 118.2
200 31.5 24.4 36.6

Manual Integrations
APPROVED

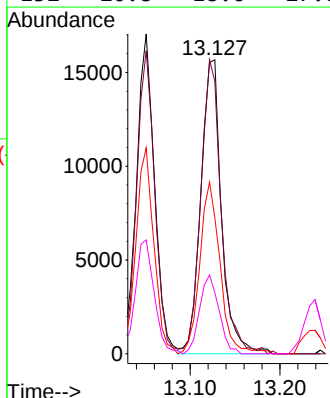
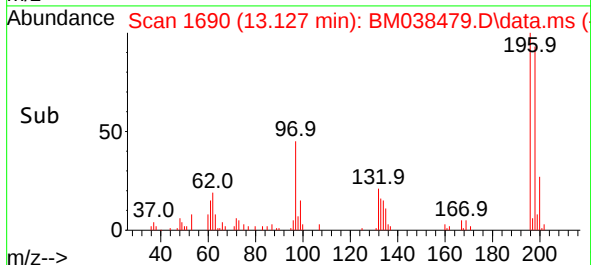
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

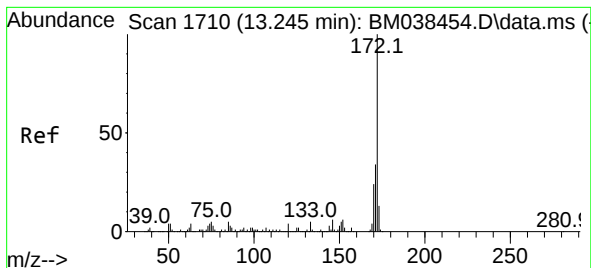


#44
2,4,5-Trichlorophenol
Concen: 7.659 ng
RT: 13.127 min Scan# 1690
Delta R.T. 0.006 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27



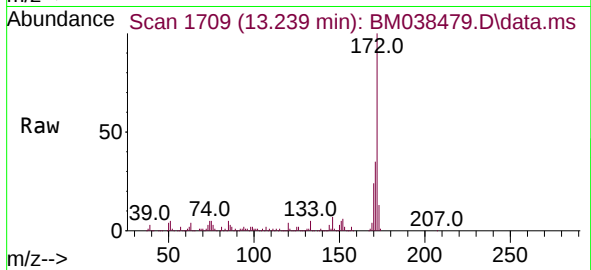
Tgt Ion:196 Resp: 25271
Ion Ratio Lower Upper
196 100
198 92.7 77.4 116.2
97 46.3 42.4 63.6
132 20.8 18.6 27.8





#45
2-Fluorobiphenyl
Concen: 73.156 ng
RT: 13.239 min Scan# 1709
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

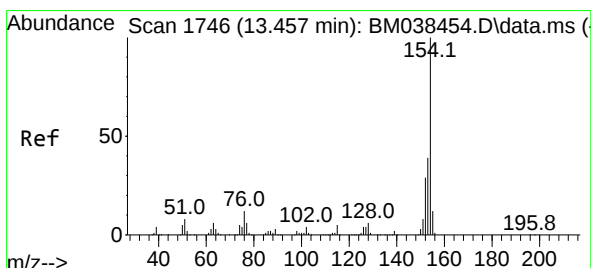
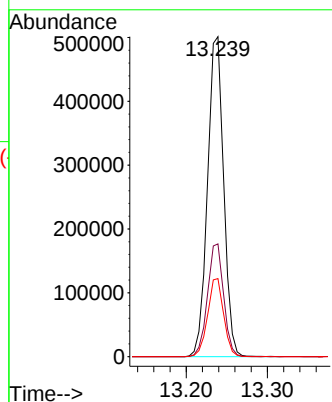
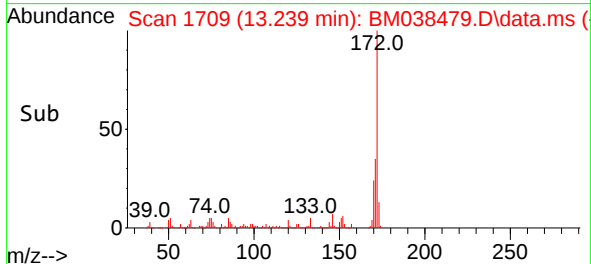
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



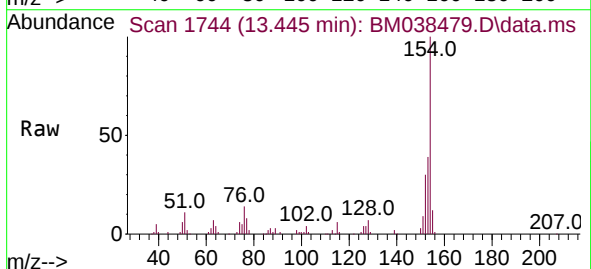
Tgt Ion:172 Resp: 693852
Ion Ratio Lower Upper
172 100
171 35.2 27.5 41.3
170 24.4 19.0 28.6

Manual Integrations
APPROVED

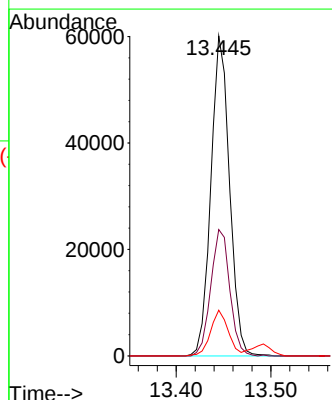
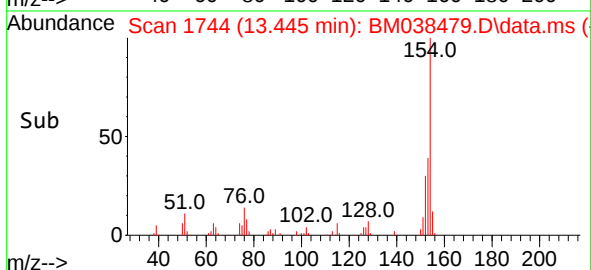
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

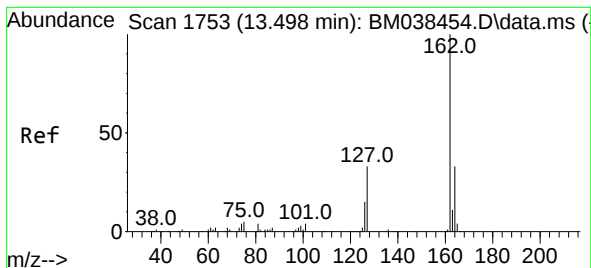


#46
1,1'-Biphenyl
Concen: 8.955 ng
RT: 13.445 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27



Tgt Ion:154 Resp: 82173
Ion Ratio Lower Upper
154 100
153 39.5 19.3 59.3
76 14.3 0.0 32.2





#47

2-Chloronaphthalene

Concen: 8.974 ng

RT: 13.492 min Scan# 1752

Delta R.T. 0.000 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

Instrument :

BNA_M

ClientSampleId :

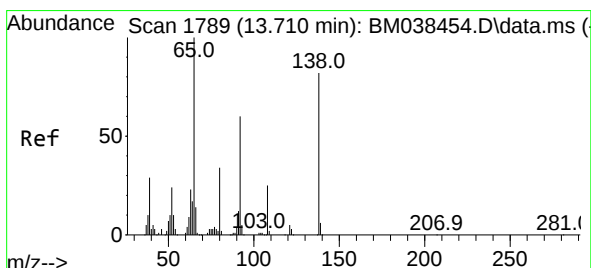
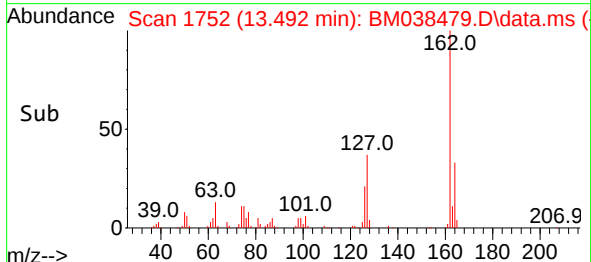
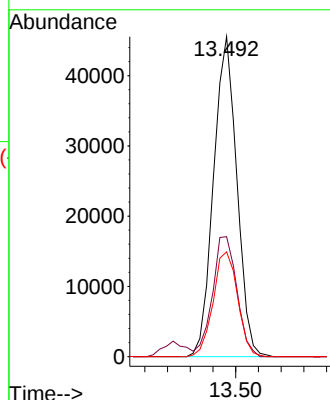
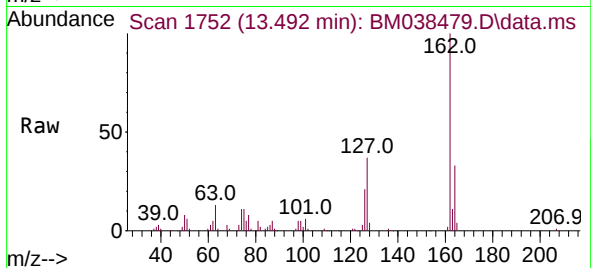
LOQ-WATER-02-QT3-2022

Tgt Ion:	162	Resp:	64816
Ion Ratio	Lower	Upper	
162	100		
127	37.5	29.5	44.3
164	32.7	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: 9.248 ng

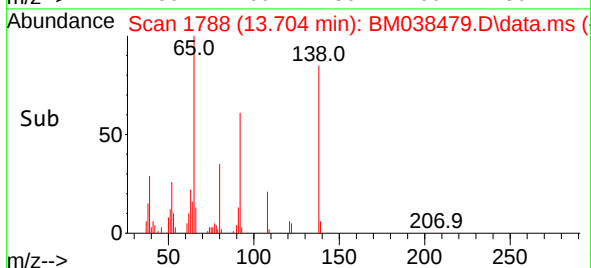
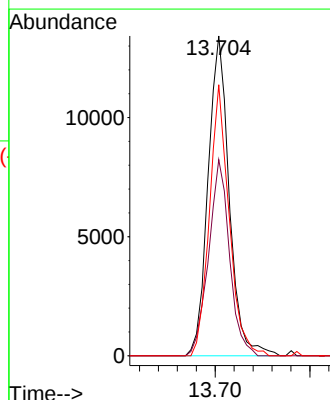
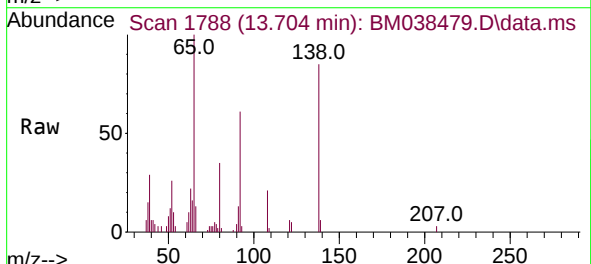
RT: 13.704 min Scan# 1788

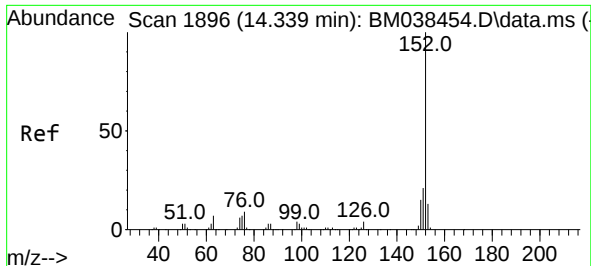
Delta R.T. 0.000 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

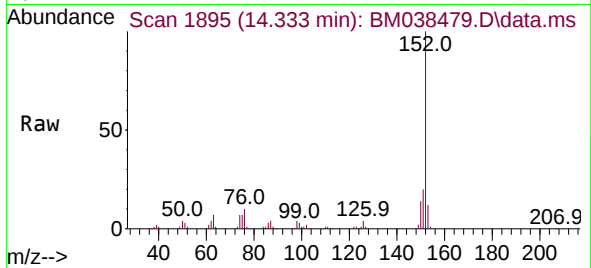
Tgt Ion:	65	Resp:	20845
Ion Ratio	Lower	Upper	
65	100		
92	61.3	47.6	71.4
138	84.8	65.8	98.8





#49
Acenaphthylene
Concen: 8.410 ng
RT: 14.333 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

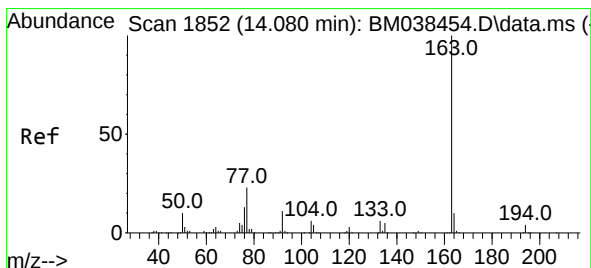
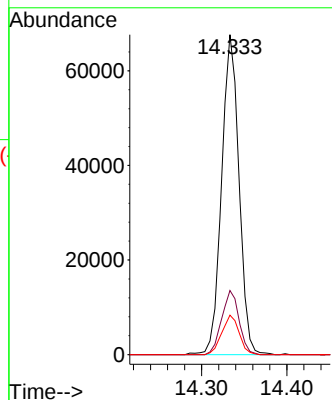
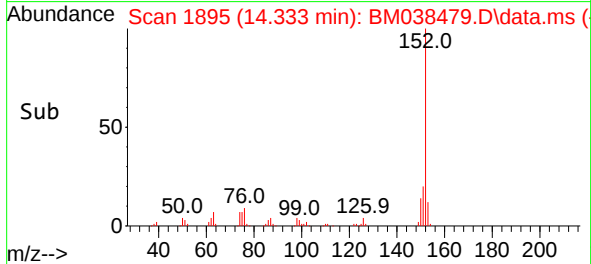
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



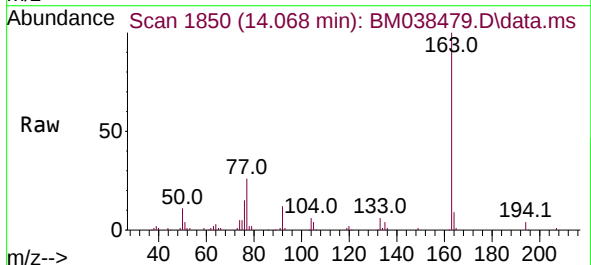
Tgt Ion:152 Resp: 95776
Ion Ratio Lower Upper
152 100
151 20.0 16.4 24.6
153 12.3 10.6 15.8

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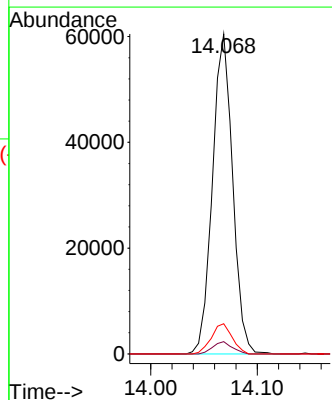
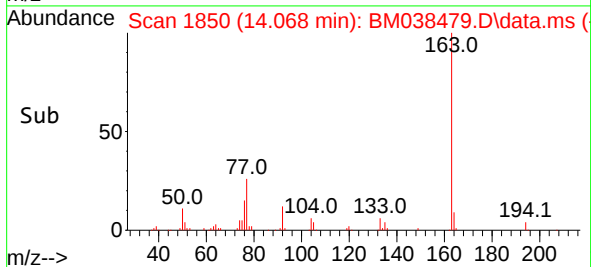
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

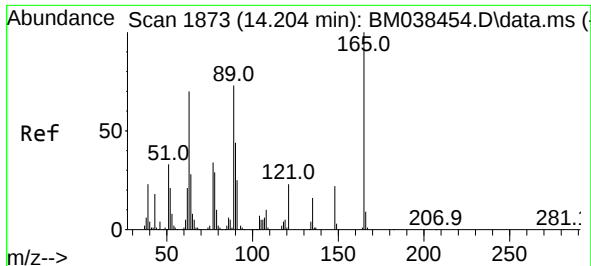


#50
Dimethylphthalate
Concen: 8.318 ng
RT: 14.068 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27



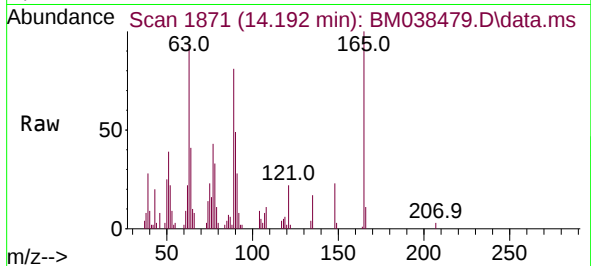
Tgt Ion:163 Resp: 79736
Ion Ratio Lower Upper
163 100
194 3.8 3.6 5.4
164 9.4 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 7.750 ng
RT: 14.192 min Scan# 1873
Delta R.T. -0.006 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

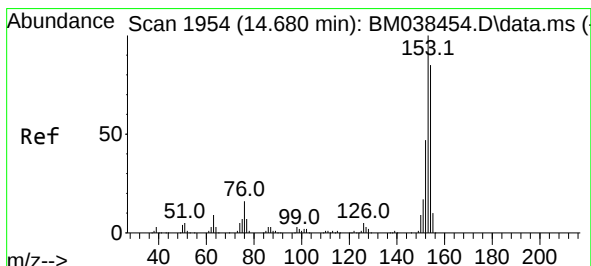
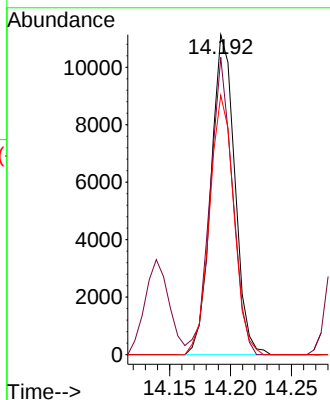
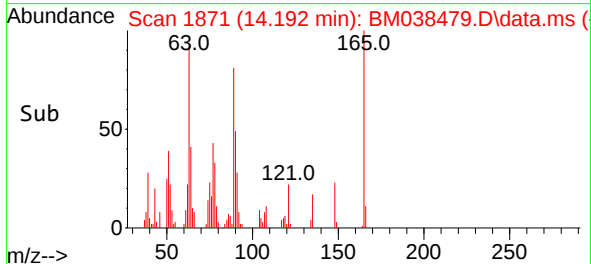
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:165 Resp: 15114
Ion Ratio Lower Upper
165 100
63 92.9 60.9 91.3
89 81.0 58.6 87.8

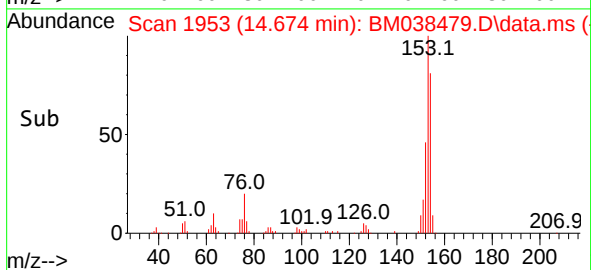
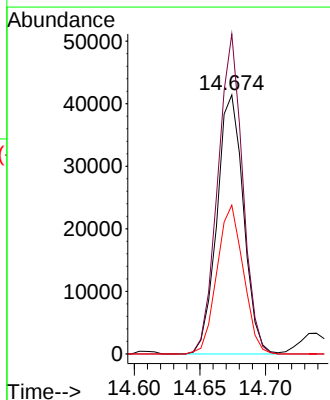
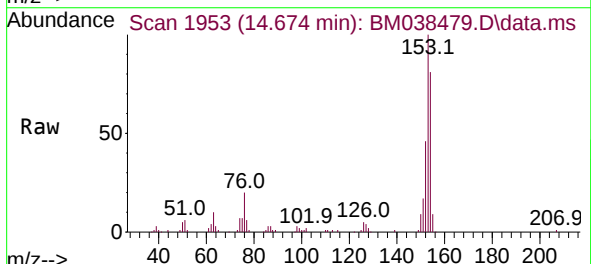
Manual Integrations
APPROVED

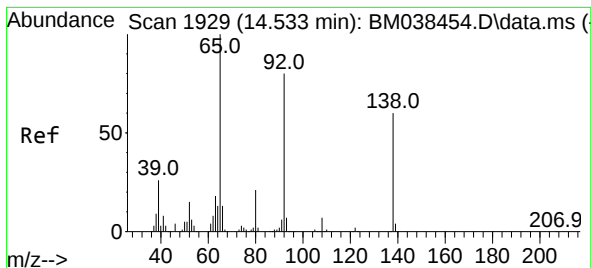
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#52
Acenaphthene
Concen: 8.439 ng
RT: 14.674 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

Tgt Ion:154 Resp: 58398
Ion Ratio Lower Upper
154 100
153 123.6 93.8 140.6
152 57.4 44.2 66.4





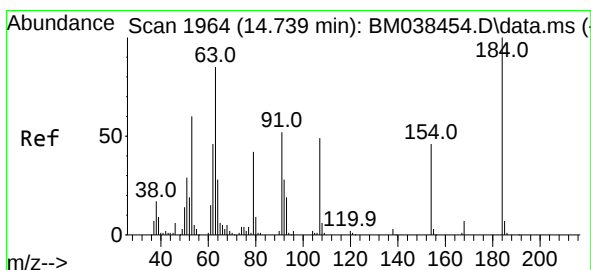
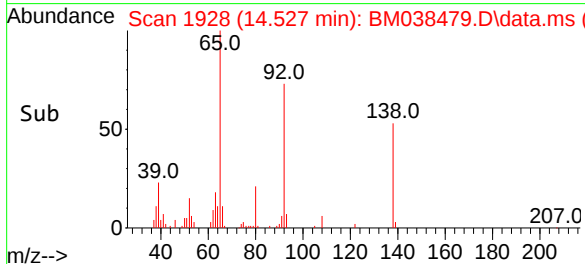
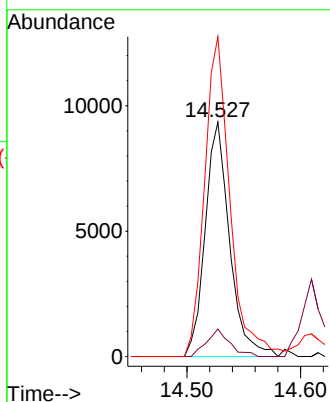
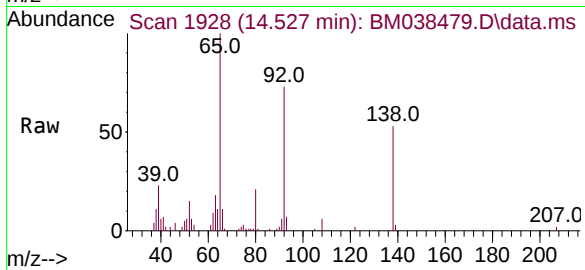
#53
3-Nitroaniline
Concen: 8.799 ng
RT: 14.527 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

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

Tgt Ion:138 Resp: 13973
Ion Ratio Lower Upper
138 100
108 11.7 8.9 13.3
92 136.5 106.4 159.6

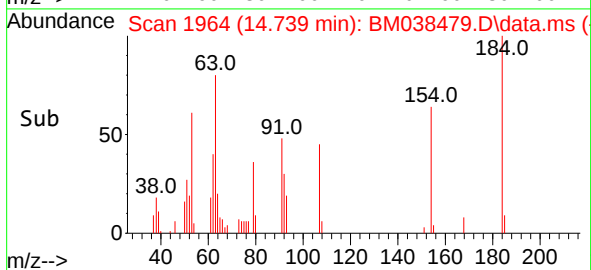
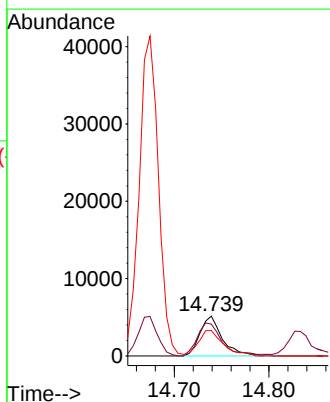
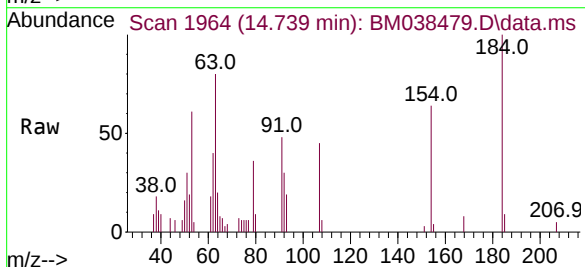
Manual Integrations
APPROVED

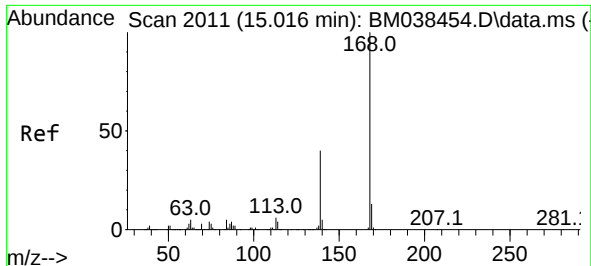
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#54
2,4-Dinitrophenol
Concen: 10.458 ng
RT: 14.739 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

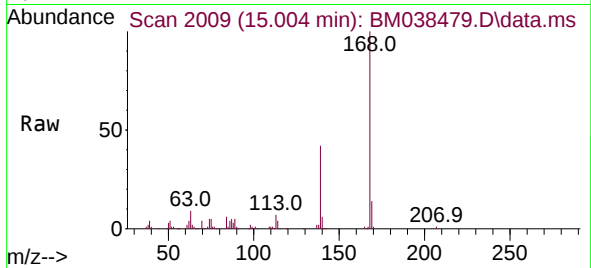
Tgt Ion:184 Resp: 8456
Ion Ratio Lower Upper
184 100
63 79.9 70.0 105.0
154 63.8 55.6 83.4





#55
Dibenzofuran
Concen: 8.458 ng
RT: 15.004 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

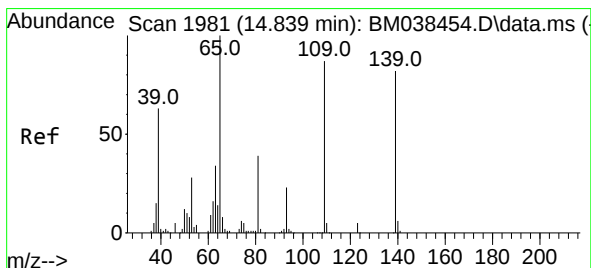
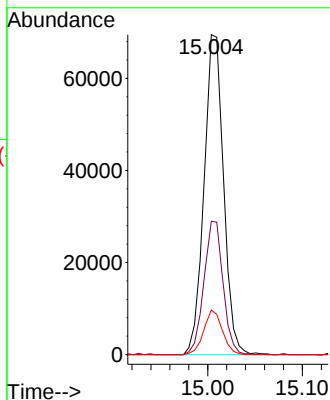
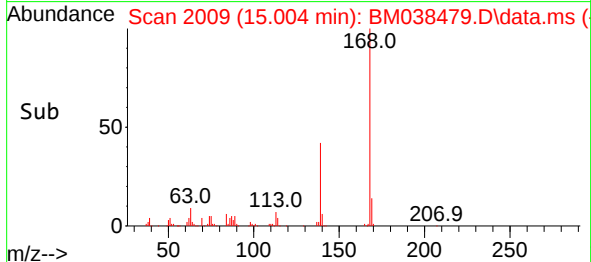
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:168 Resp: 99654
Ion Ratio Lower Upper
168 100
139 41.7 31.9 47.9
169 13.9 10.5 15.7

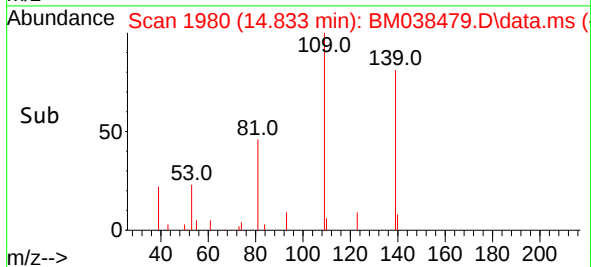
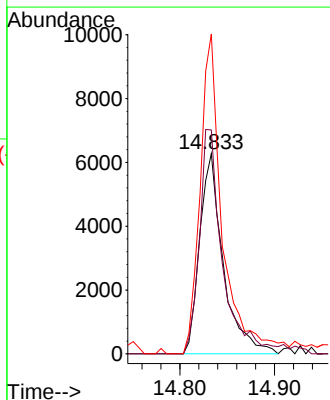
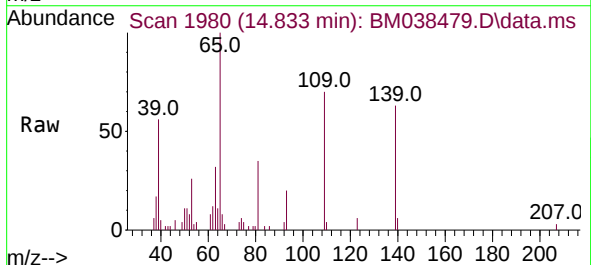
Manual Integrations
APPROVED

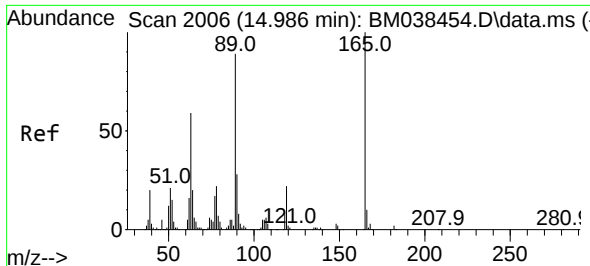
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#56
4-Nitrophenol
Concen: 9.735 ng
RT: 14.833 min Scan# 1980
Delta R.T. 0.006 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

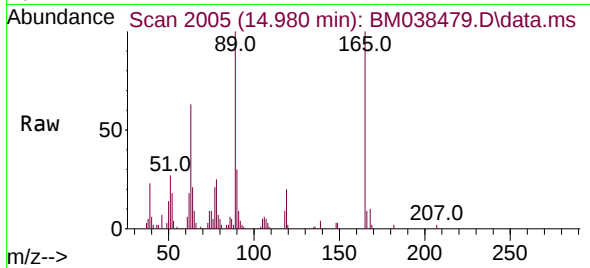
Tgt Ion:139 Resp: 10899
Ion Ratio Lower Upper
139 100
109 111.8 86.0 126.0
65 159.8 102.7 142.7#





#57
2,4-Dinitrotoluene
Concen: 7.428 ng
RT: 14.980 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

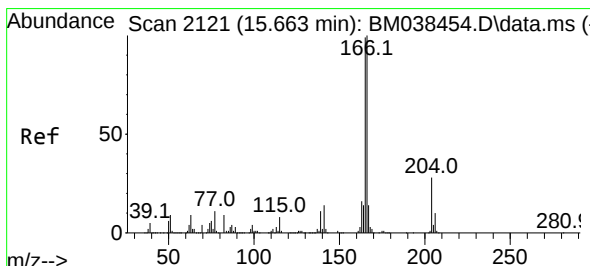
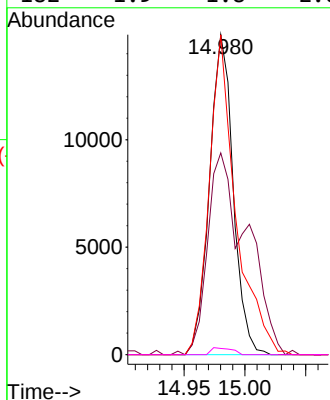
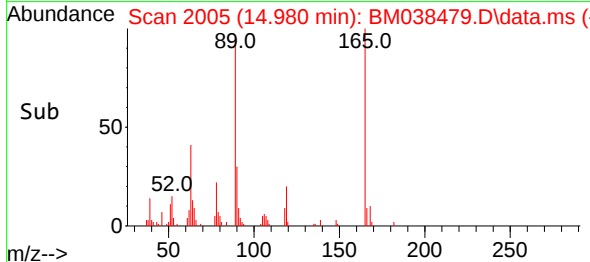
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



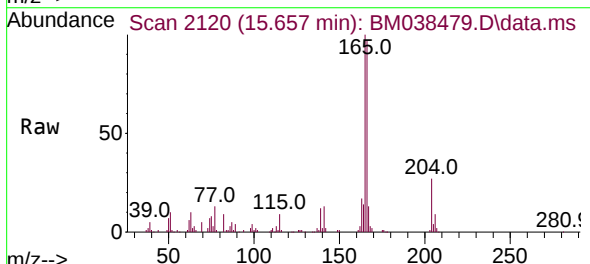
Tgt Ion:165 Resp: 20136
Ion Ratio Lower Upper
165 100
63 63.0 47.7 71.5
89 99.9 71.5 107.3
182 1.9 1.8 2.6

Manual Integrations
APPROVED

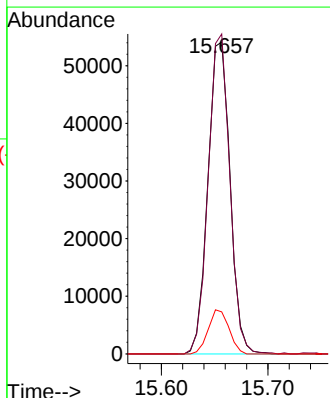
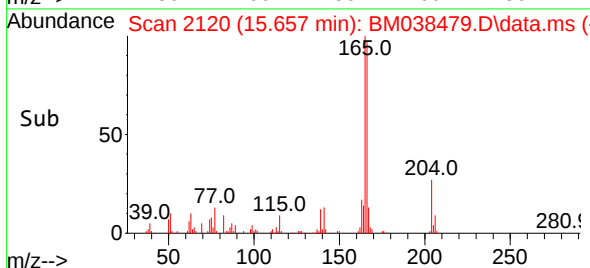
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

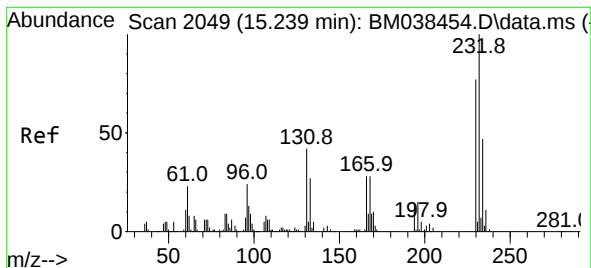


#58
Fluorene
Concen: 7.924 ng
RT: 15.657 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27



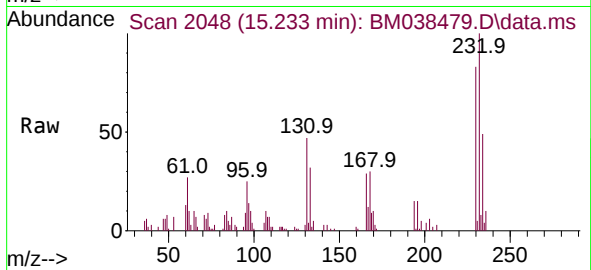
Tgt Ion:166 Resp: 78001
Ion Ratio Lower Upper
166 100
165 102.6 79.2 118.8
167 13.5 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 7.518 ng
RT: 15.233 min Scan# 2049
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

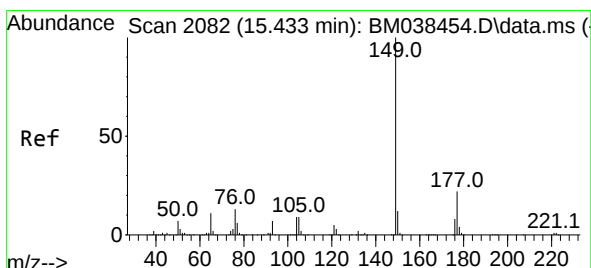
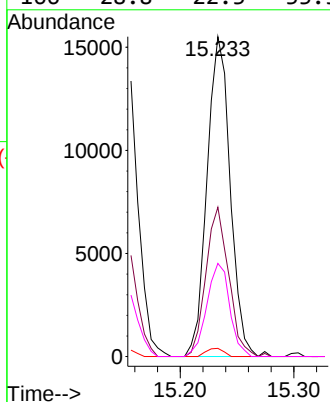
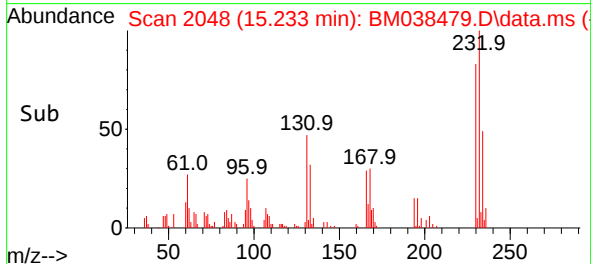
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:232 Resp: 21994
Ion Ratio Lower Upper
232 100
131 46.0 33.8 50.6
130 1.9 1.9 2.9
166 28.8 22.3 33.5

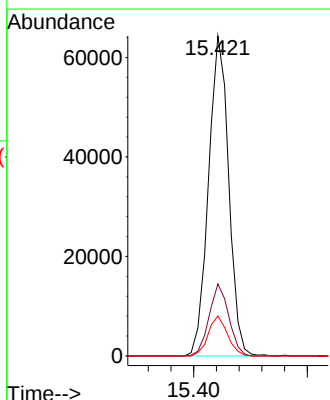
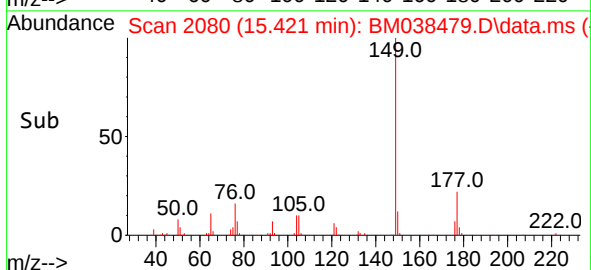
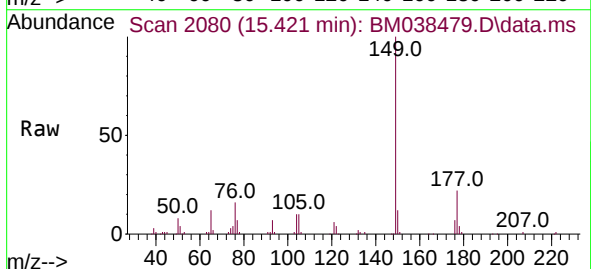
Manual Integrations
APPROVED

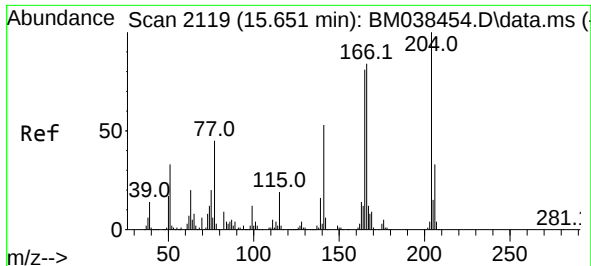
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#60
Diethylphthalate
Concen: 8.073 ng
RT: 15.421 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

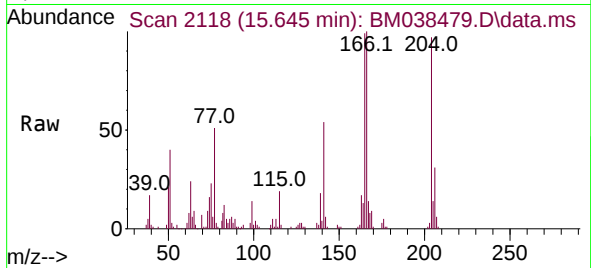
Tgt Ion:149 Resp: 79383
Ion Ratio Lower Upper
149 100
177 22.5 17.8 26.6
150 12.5 9.5 14.3





#61
4-Chlorophenyl-phenylether
Concen: 8.002 ng
RT: 15.645 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

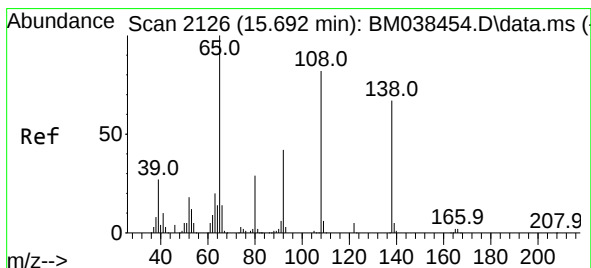
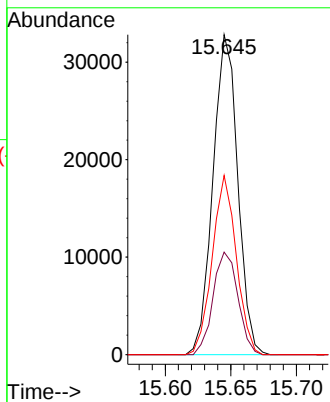
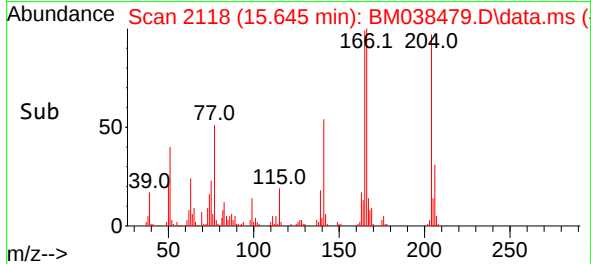
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:204 Resp: 43238
Ion Ratio Lower Upper
204 100
206 32.0 26.2 39.4
141 56.0 42.5 63.7

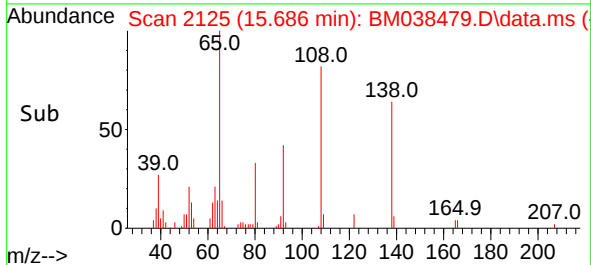
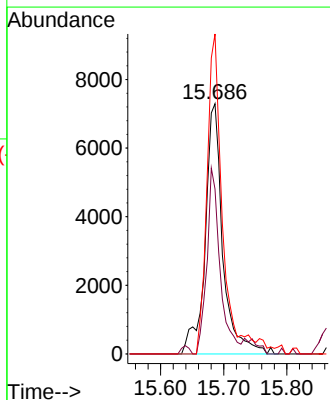
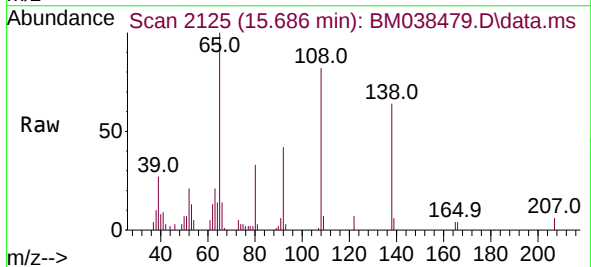
Manual Integrations
APPROVED

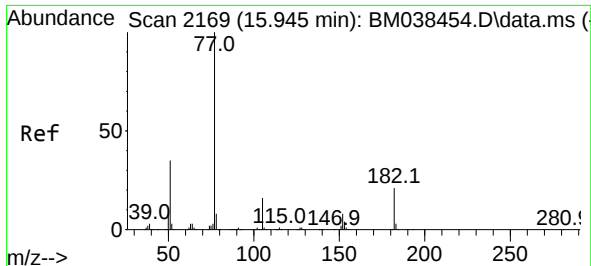
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#62
4-Nitroaniline
Concen: 8.751 ng
RT: 15.686 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

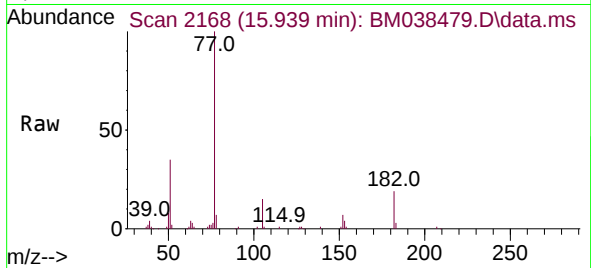
Tgt Ion:138 Resp: 14128
Ion Ratio Lower Upper
138 100
92 65.9 42.1 82.1
108 127.9 102.5 142.5





#63
Azobenzene
Concen: 8.905 ng
RT: 15.939 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

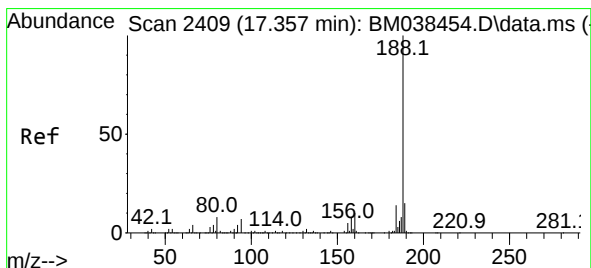
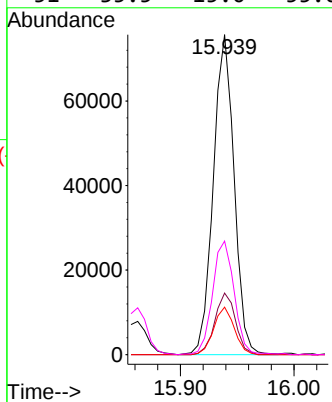
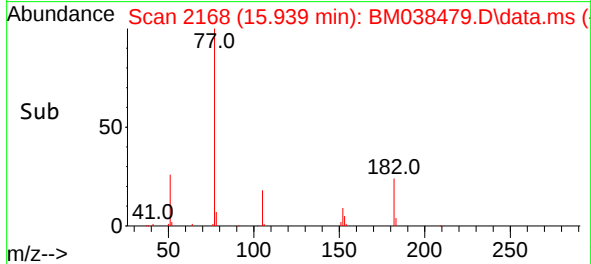
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



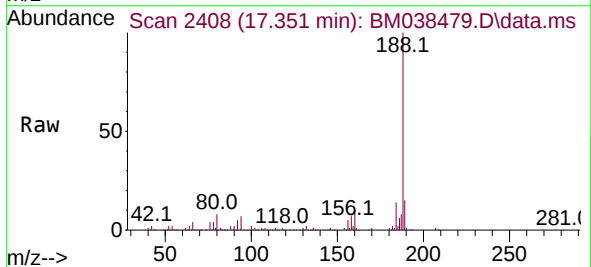
Tgt Ion: 77 Resp: 96356
Ion Ratio Lower Upper
77 100
182 19.2 1.1 41.1
105 14.8 0.0 36.4
51 35.5 15.0 55.0

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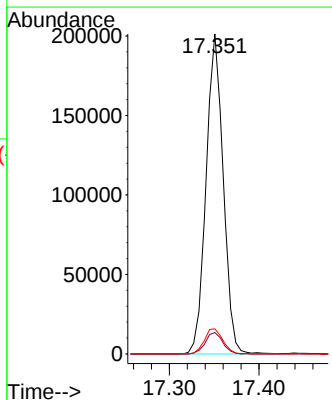
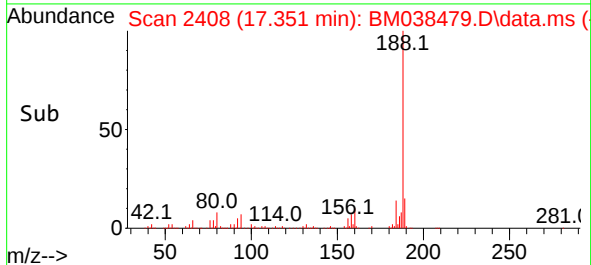
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

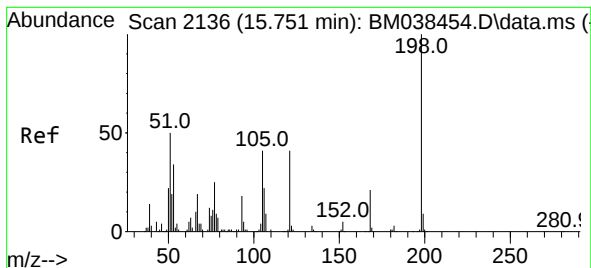


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27



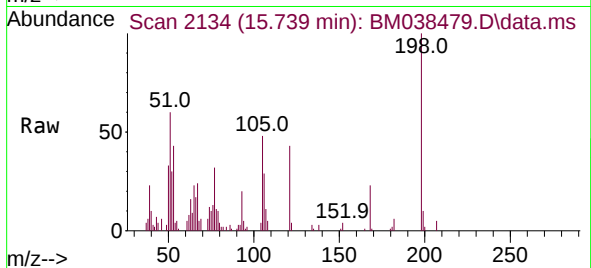
Tgt Ion:188 Resp: 267455
Ion Ratio Lower Upper
188 100
94 6.7 5.4 8.0
80 7.8 6.5 9.7





#65
4,6-Dinitro-2-methylphenol
Concen: 8.832 ng
RT: 15.739 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

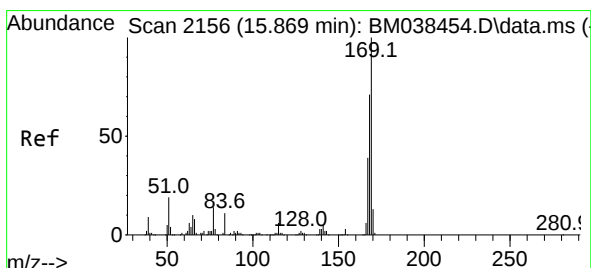
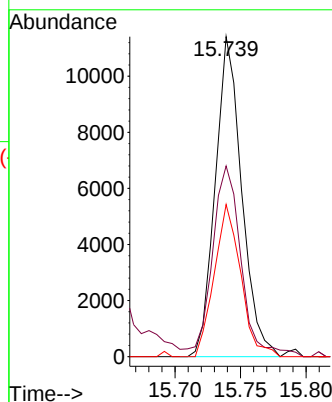
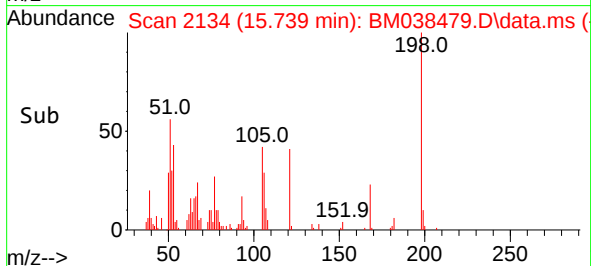
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:198 Resp: 16029
Ion Ratio Lower Upper
198 100
51 59.6 31.6 71.6
105 47.5 21.5 61.5

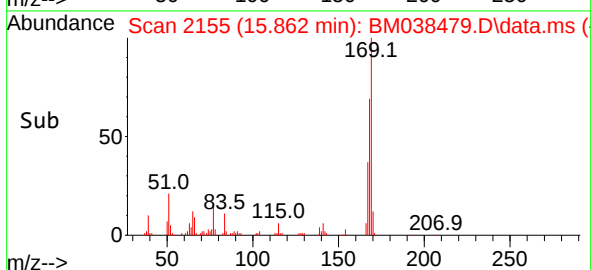
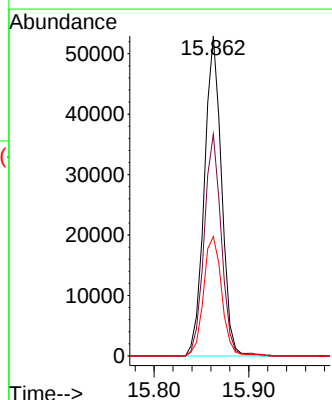
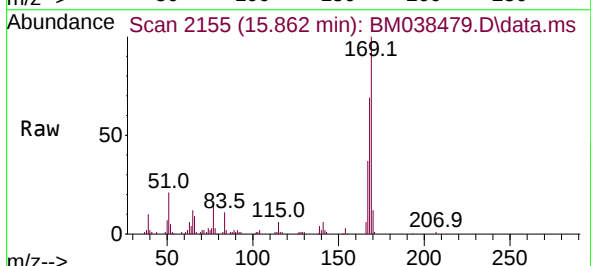
Manual Integrations
APPROVED

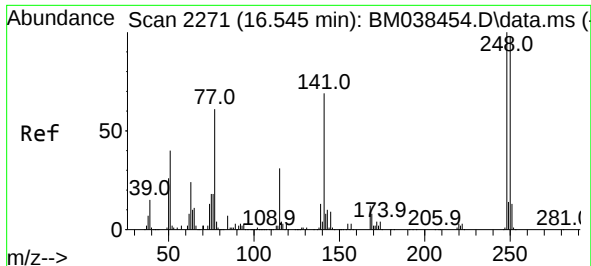
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#66
n-Nitrosodiphenylamine
Concen: 8.505 ng
RT: 15.862 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

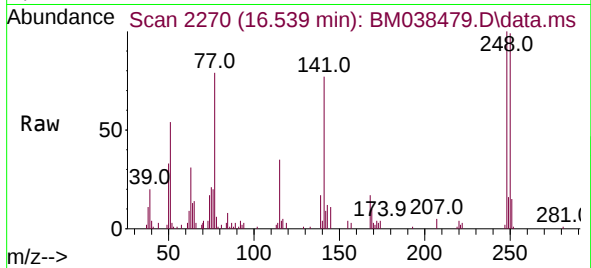
Tgt Ion:169 Resp: 66748
Ion Ratio Lower Upper
169 100
168 69.3 56.6 85.0
167 37.3 31.1 46.7





#67
4-Bromophenyl-phenylether
Concen: 8.115 ng
RT: 16.539 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

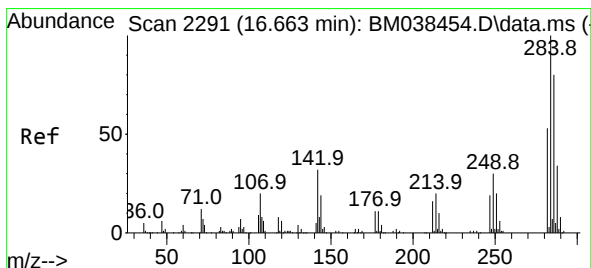
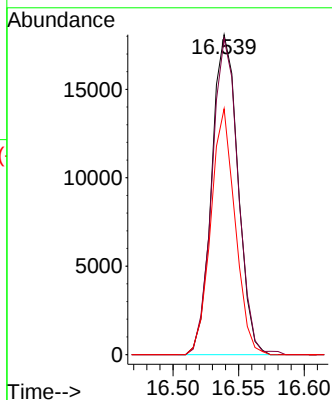
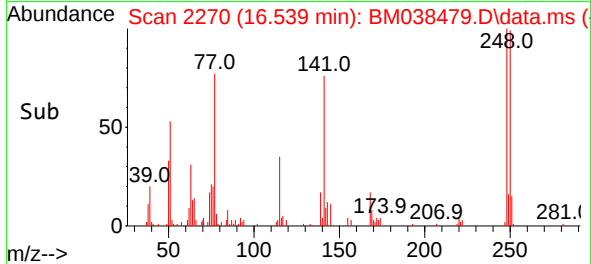
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



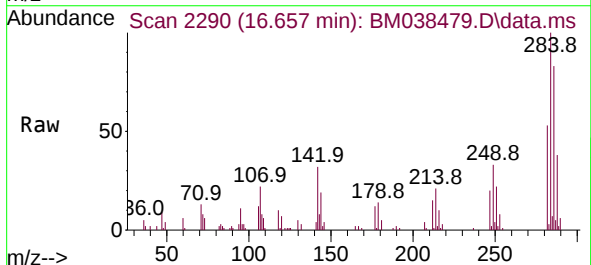
Tgt Ion:248 Resp: 25105
Ion Ratio Lower Upper
248 100
250 98.8 78.3 117.5
141 76.8 55.1 82.7

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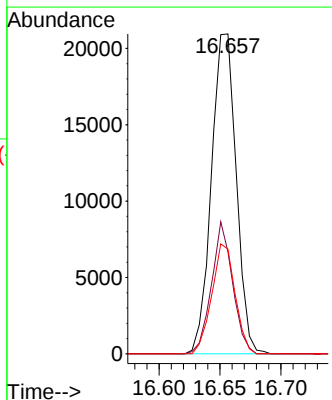
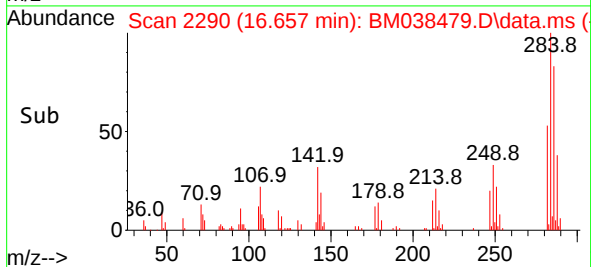
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

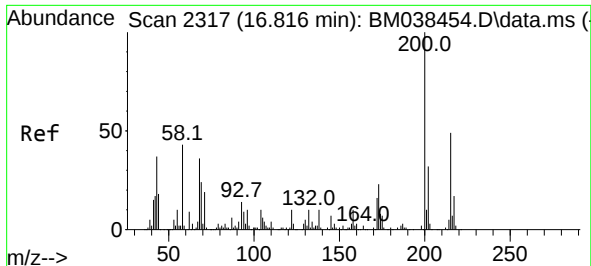


#68
Hexachlorobenzene
Concen: 8.586 ng
RT: 16.657 min Scan# 2290
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27



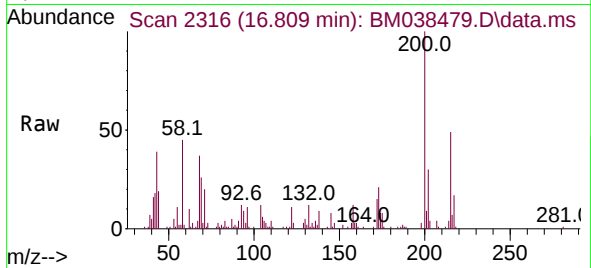
Tgt Ion:284 Resp: 29743
Ion Ratio Lower Upper
284 100
142 31.9 26.0 39.0
249 32.7 23.8 35.8





#69
Atrazine
Concen: 8.961 ng
RT: 16.809 min Scan# 2317
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

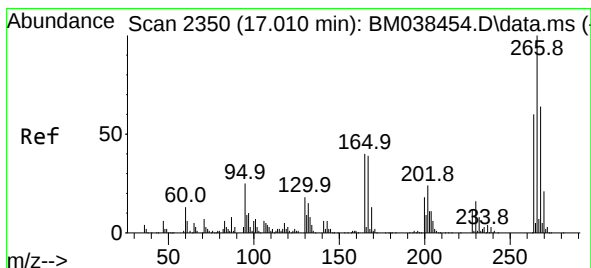
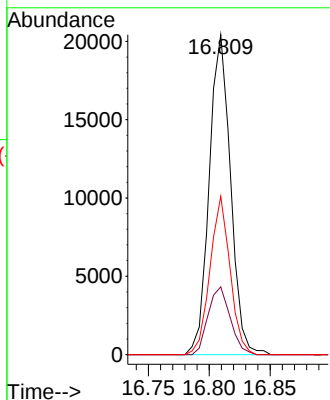
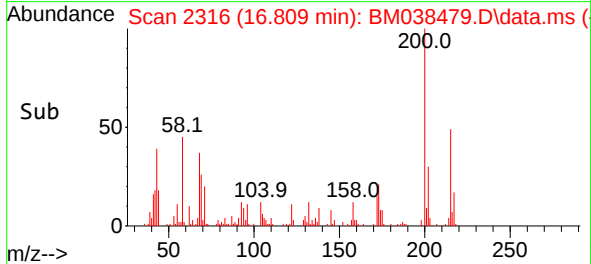
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:200 Resp: 24869
Ion Ratio Lower Upper
200 100
173 21.2 3.4 43.4
215 49.4 29.3 69.3

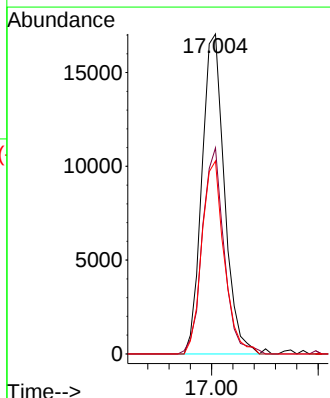
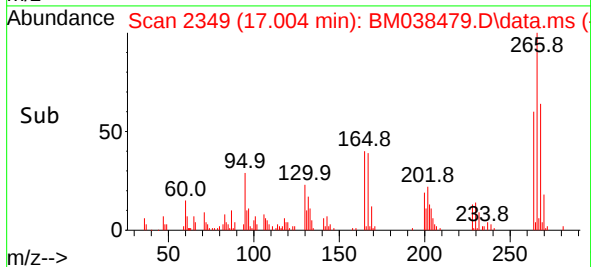
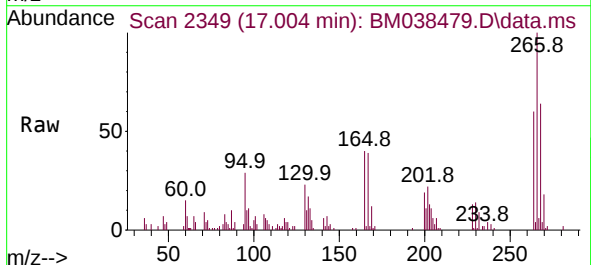
Manual Integrations
APPROVED

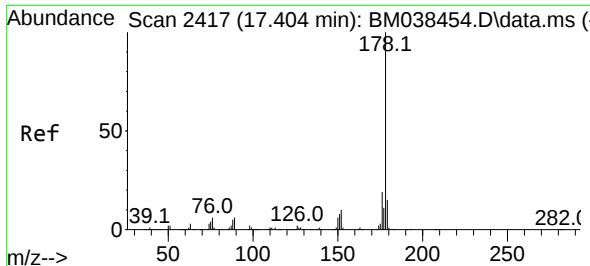
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#70
Pentachlorophenol
Concen: 9.902 ng
RT: 17.004 min Scan# 2349
Delta R.T. 0.006 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

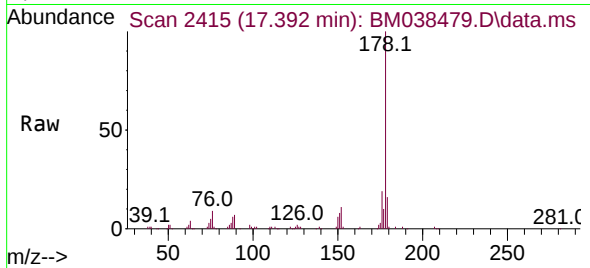
Tgt Ion:266 Resp: 25042
Ion Ratio Lower Upper
266 100
268 64.4 51.4 77.0
264 60.3 48.2 72.2





#71
Phenanthrene
Concen: 8.296 ng
RT: 17.392 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

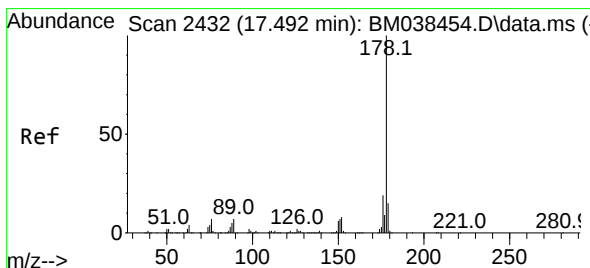
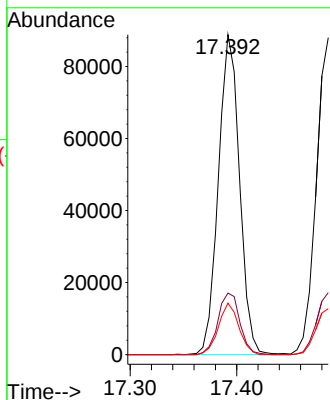
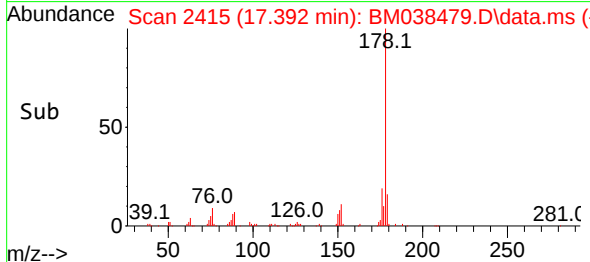
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



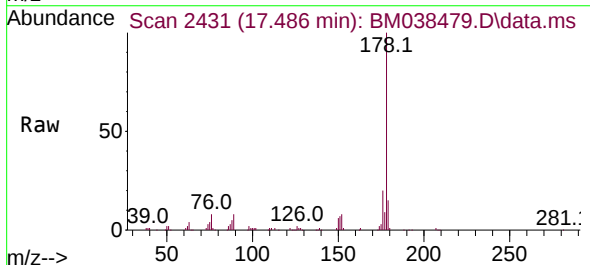
Tgt Ion:178 Resp: 122758
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 16.1 12.1 18.1

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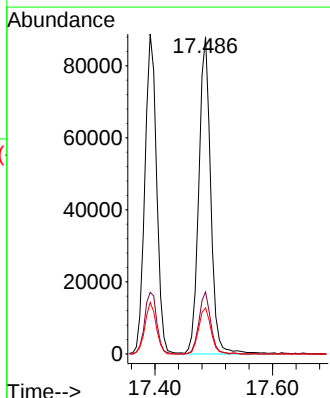
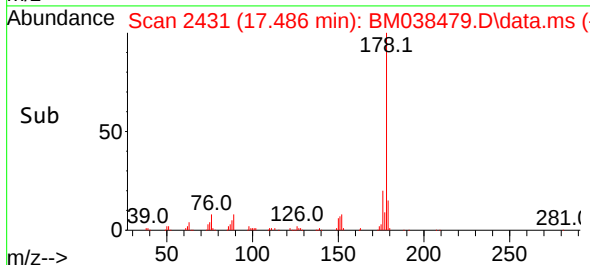
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

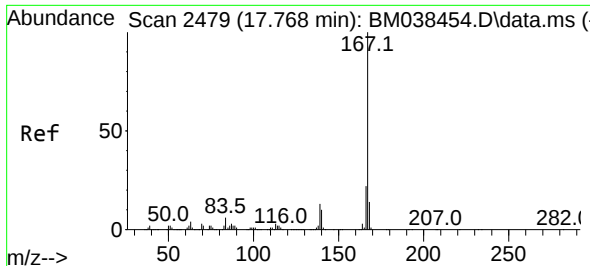


#72
Anthracene
Concen: 8.122 ng
RT: 17.486 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27



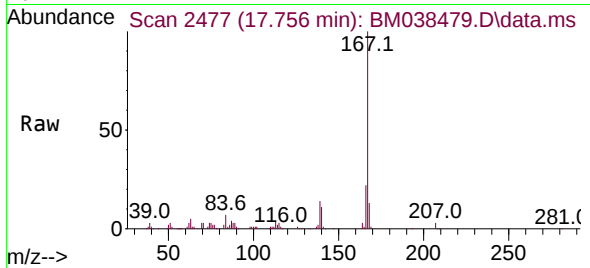
Tgt Ion:178 Resp: 123512
Ion Ratio Lower Upper
178 100
176 19.5 15.0 22.6
179 14.5 12.2 18.2





#73
Carbazole
Concen: 7.982 ng
RT: 17.756 min Scan# 2479
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

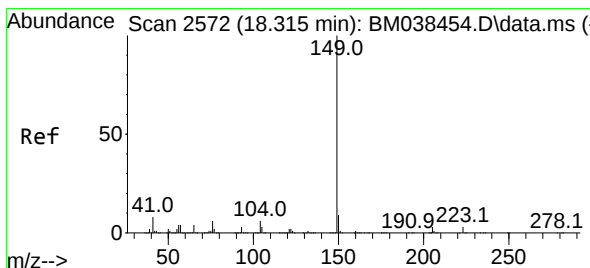
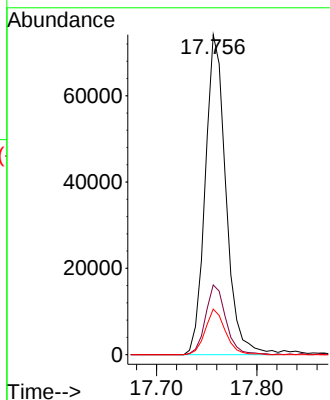
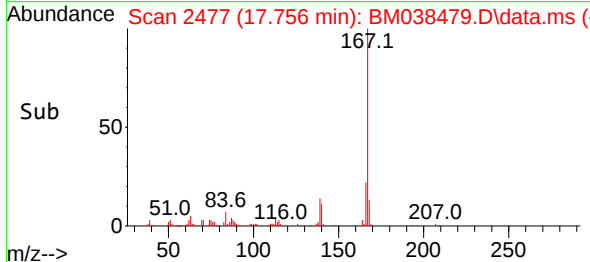
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



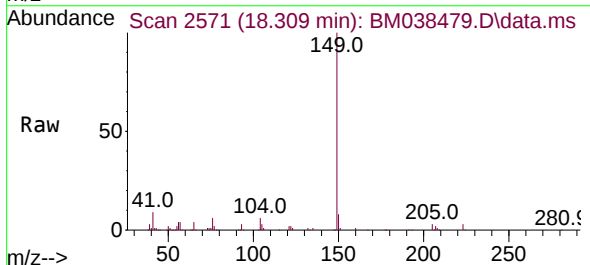
Tgt Ion:167 Resp: 106145
Ion Ratio Lower Upper
167 100
166 21.8 17.4 26.0
139 14.2 10.1 15.1

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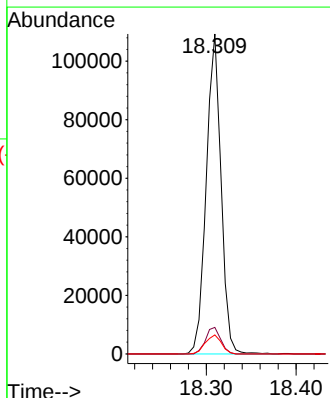
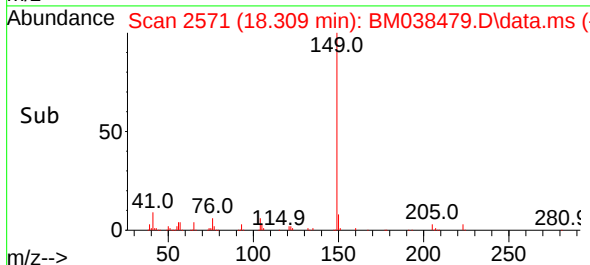
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

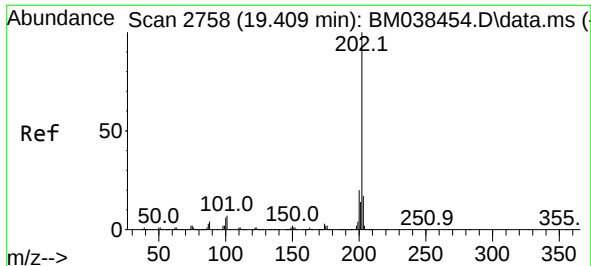


#74
Di-n-butylphthalate
Concen: 7.924 ng
RT: 18.309 min Scan# 2571
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27



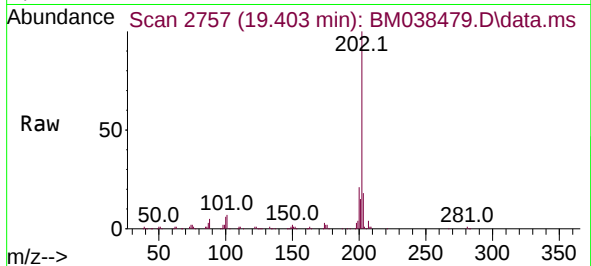
Tgt Ion:149 Resp: 125156
Ion Ratio Lower Upper
149 100
150 8.3 7.4 11.2
104 5.9 4.7 7.1





#75
Fluoranthene
Concen: 8.132 ng
RT: 19.403 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

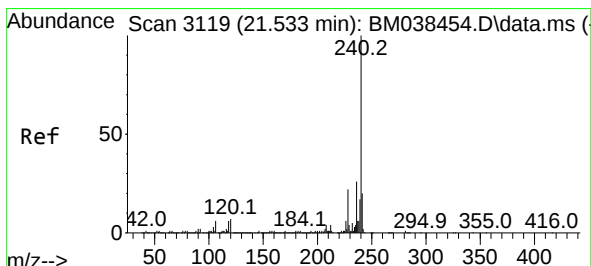
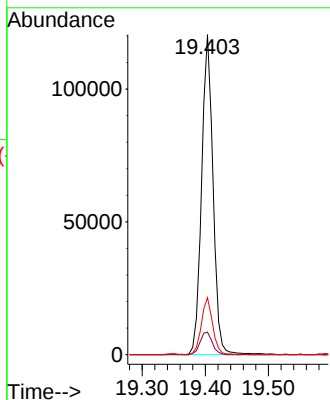
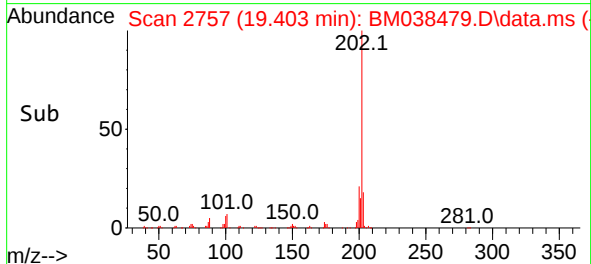
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:202 Resp: 15127
Ion Ratio Lower Upper
202 100
101 7.0 0.0 27.4
203 17.8 0.0 37.1

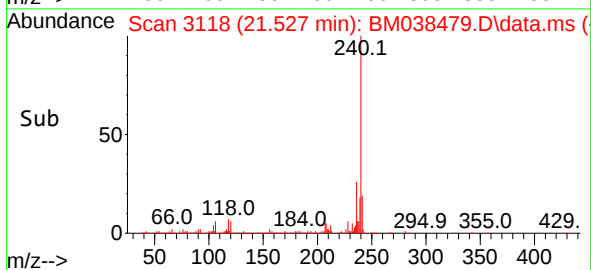
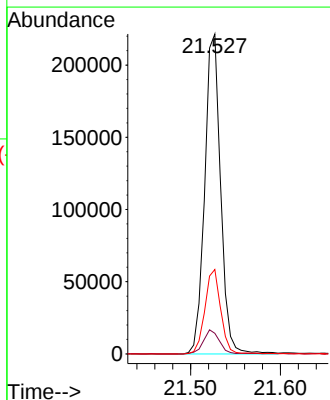
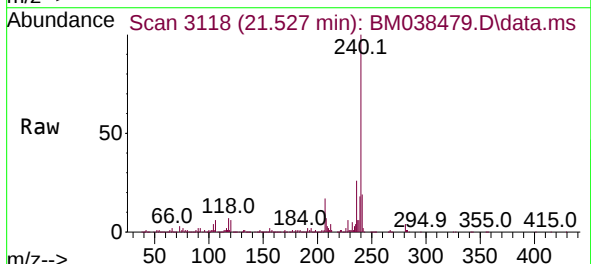
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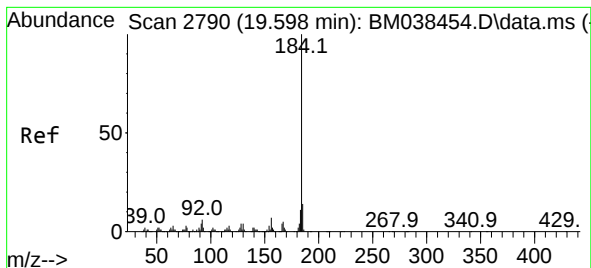
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.527 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

Tgt Ion:240 Resp: 273363
Ion Ratio Lower Upper
240 100
120 6.4 5.6 8.4
236 26.4 21.0 31.4





#77

Benzidine

Concen: 10.997 ng

RT: 19.592 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

Instrument :

BNA_M

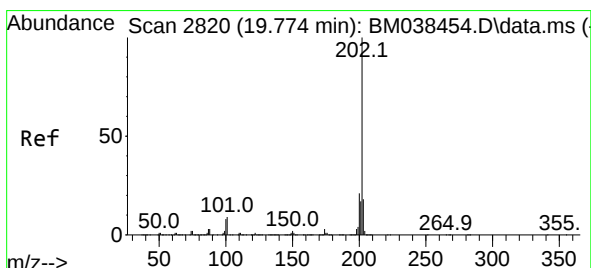
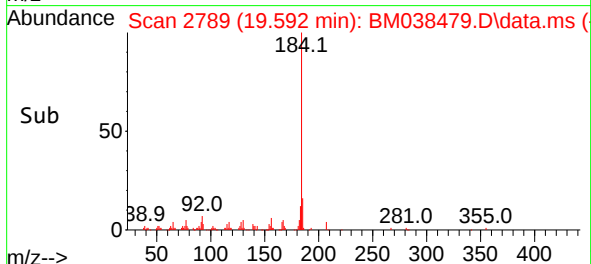
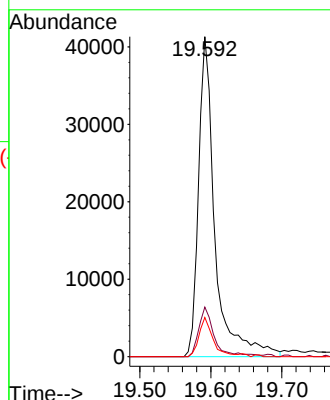
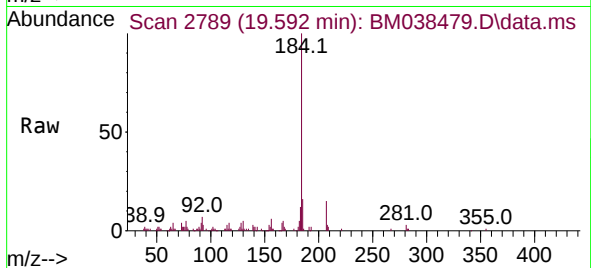
ClientSampleId :

LOQ-WATER-02-QT3-2022

Tgt Ion:184	Resp:	65868
Ion Ratio	Lower	Upper
184	100	
185	15.5	11.1 16.7
183	12.2	8.6 13.0

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



#78

Pyrene

Concen: 8.591 ng

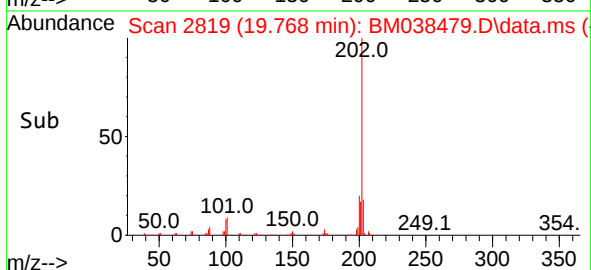
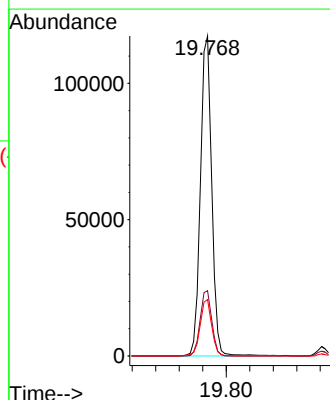
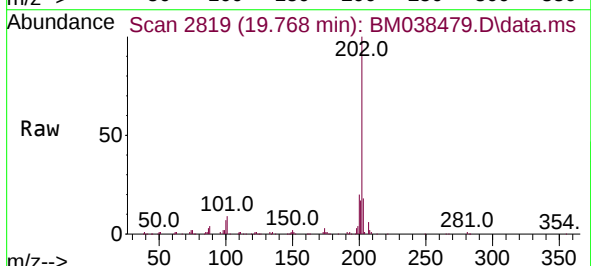
RT: 19.768 min Scan# 2819

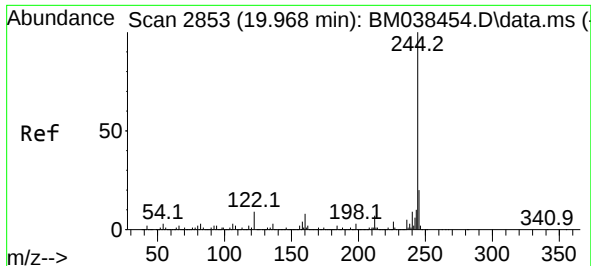
Delta R.T. 0.000 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

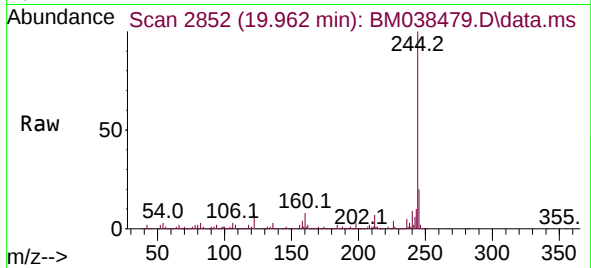
Tgt Ion:202	Resp:	156283
Ion Ratio	Lower	Upper
202	100	
200	20.4	16.9 25.3
203	17.6	14.2 21.2





#79
 Terphenyl-d14
 Concen: 80.948 ng
 RT: 19.962 min Scan# 2852
 Delta R.T. 0.000 min
 Lab File: BM038479.D
 Acq: 18 Jan 2023 14:27

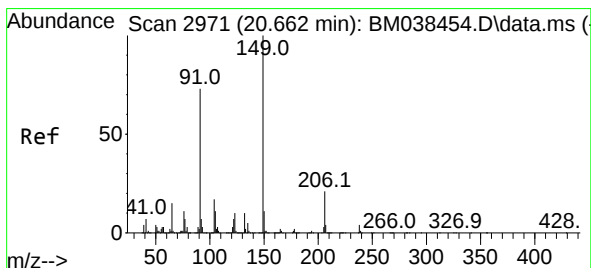
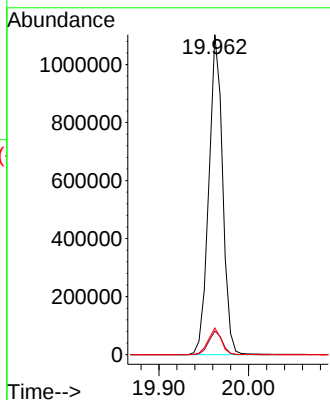
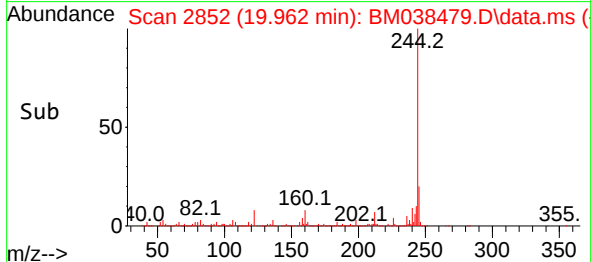
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2022



Tgt Ion:244 Resp: 1182044
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 8.3 7.1 10.7

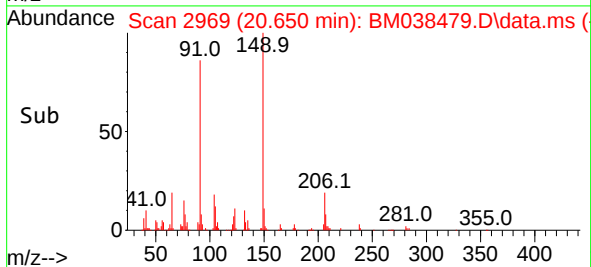
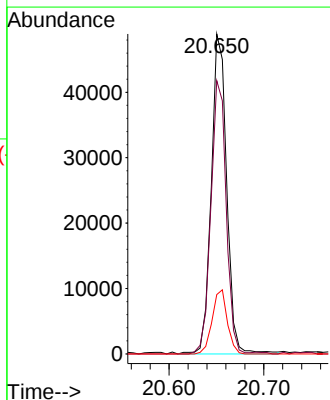
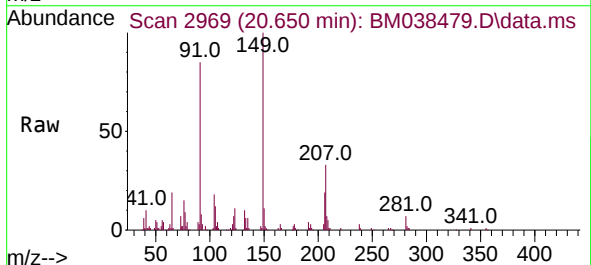
Manual Integrations
 APPROVED

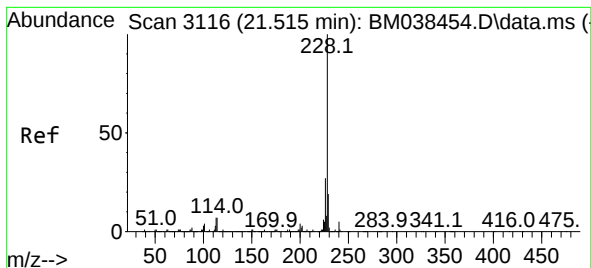
Reviewed By :Christian Giraldo 01/19/2023
 Supervised By :Jagrut Upadhyay 01/19/2023



#80
 Butylbenzylphthalate
 Concen: 8.343 ng
 RT: 20.650 min Scan# 2969
 Delta R.T. -0.006 min
 Lab File: BM038479.D
 Acq: 18 Jan 2023 14:27

Tgt Ion:149 Resp: 55479
 Ion Ratio Lower Upper
 149 100
 91 85.4 58.3 87.5
 206 18.5 16.7 25.1





#81

Benzo(a)anthracene

Concen: 8.439 ng

RT: 21.509 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

Instrument :

BNA_M

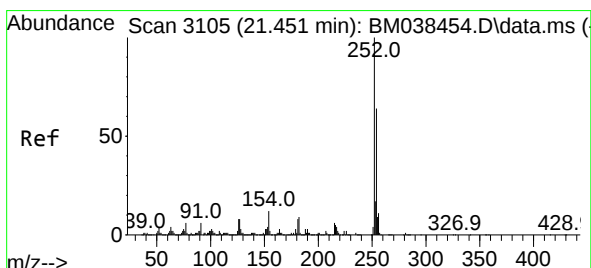
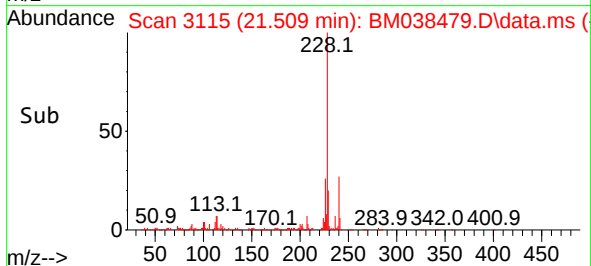
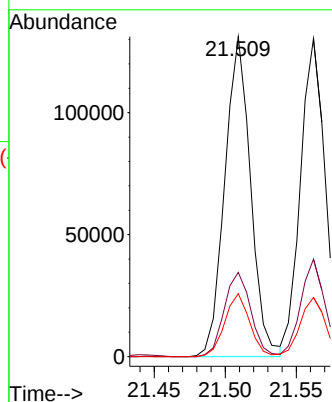
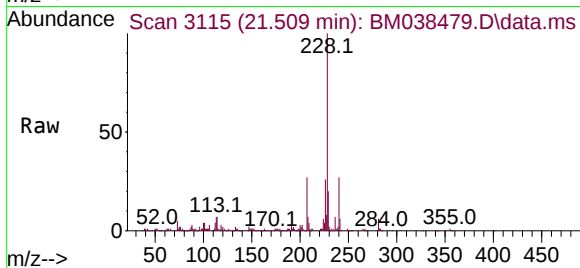
ClientSampleId :

LOQ-WATER-02-QT3-2022

Tgt Ion:	228	Resp:	165909
Ion Ratio	Lower	Upper	
228	100		
226	26.3	22.0	33.0
229	19.7	15.4	23.0

Manual Integrations
APPROVED

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



#82

3,3'-Dichlorobenzidine

Concen: 9.454 ng

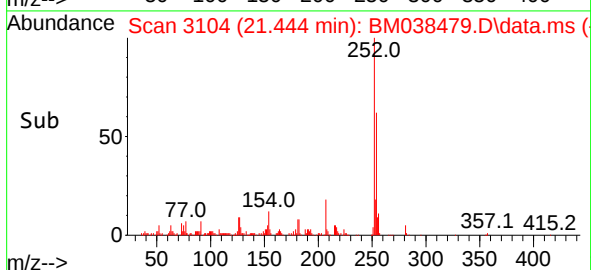
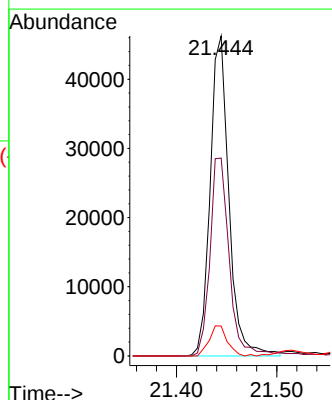
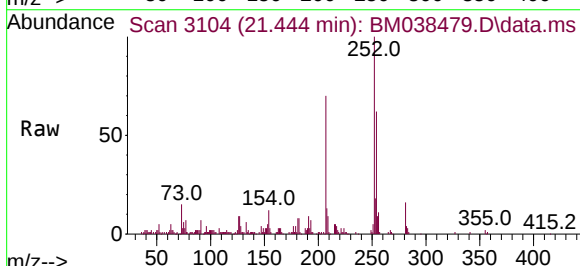
RT: 21.444 min Scan# 3104

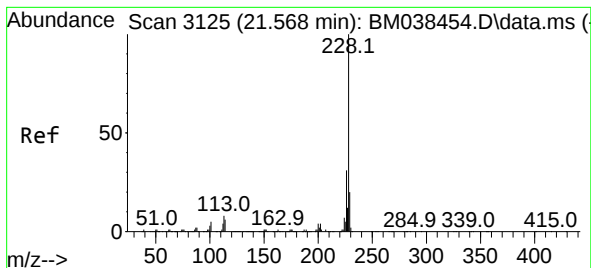
Delta R.T. 0.000 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

Tgt Ion:	252	Resp:	59849
Ion Ratio	Lower	Upper	
252	100		
254	61.8	51.2	76.8
126	9.3	6.3	9.5





#83

Chrysene

Concen: 8.452 ng

RT: 21.562 min Scan# 3125

Delta R.T. 0.000 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

Instrument :

BNA_M

ClientSampleId :

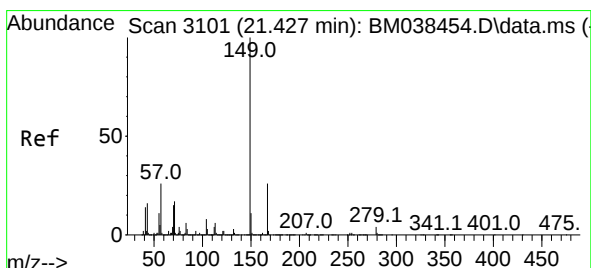
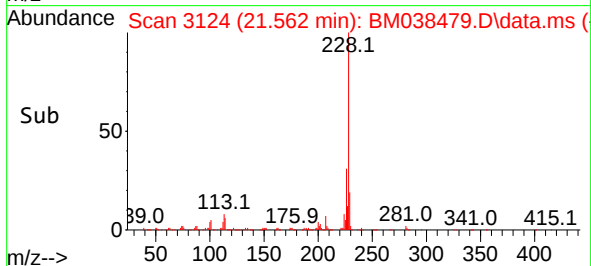
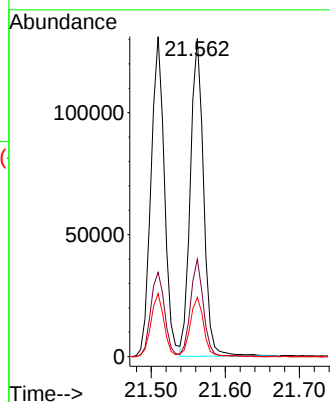
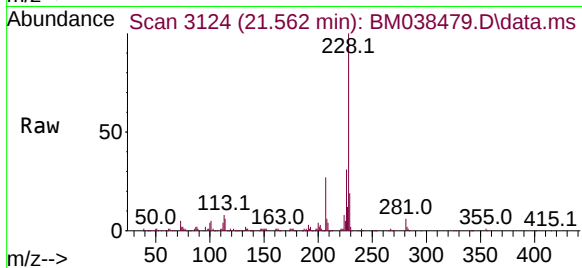
LOQ-WATER-02-QT3-2022

Tgt Ion:228 Resp: 161476
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.6 36.8
 229 18.6 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: 8.291 ng

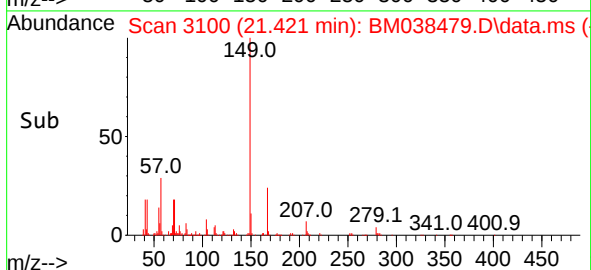
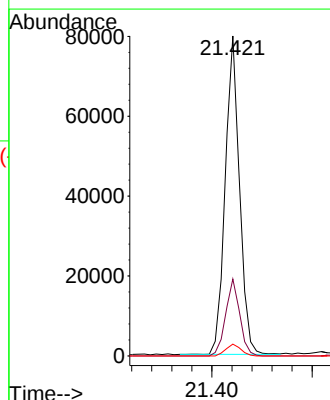
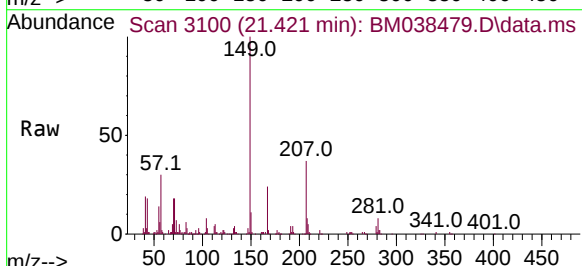
RT: 21.421 min Scan# 3100

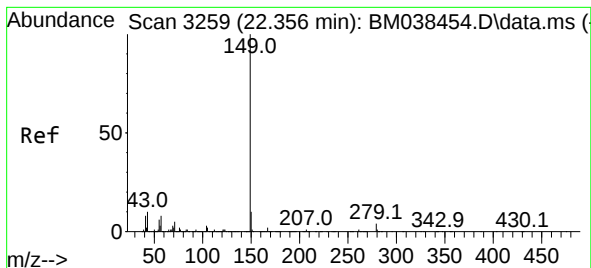
Delta R.T. 0.000 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

Tgt Ion:149 Resp: 79260
 Ion Ratio Lower Upper
 149 100
 167 24.0 21.0 31.4
 279 3.7 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 8.133 ng

RT: 22.350 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

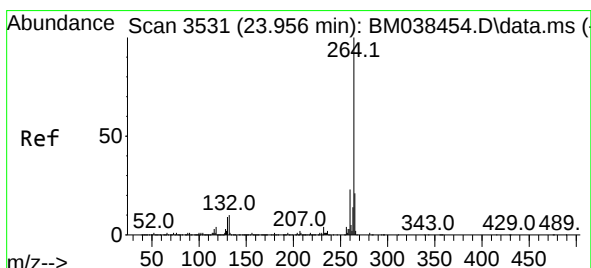
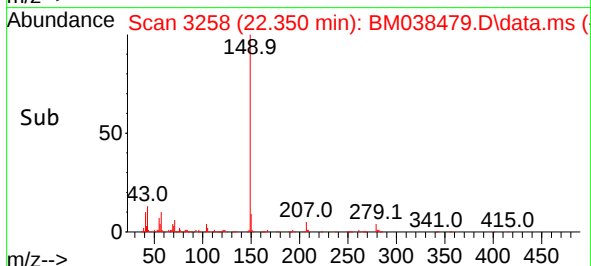
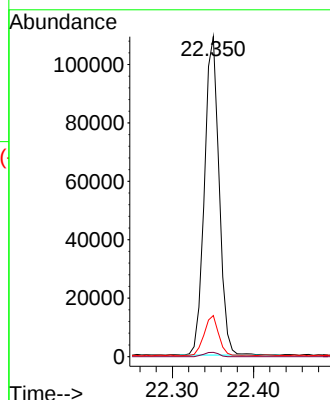
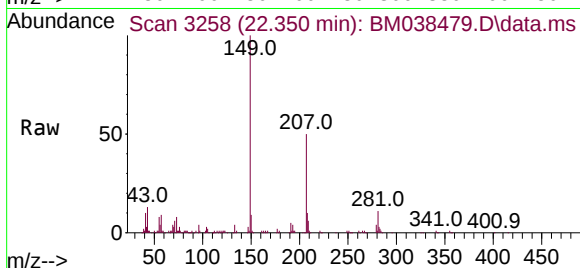
Tgt Ion:	149	Resp:	136799
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.3	1.9
43	12.8	8.4	12.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/19/2023

Supervised By :Jagrut Upadhyay 01/19/2023



#86

Perylene-d12

Concen: 20.000 ng

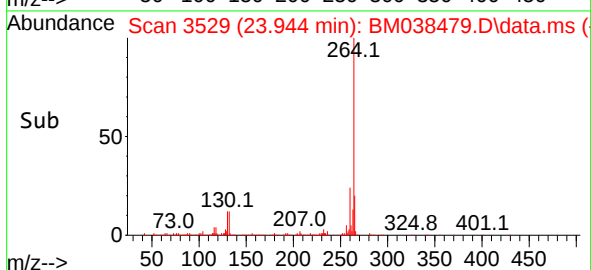
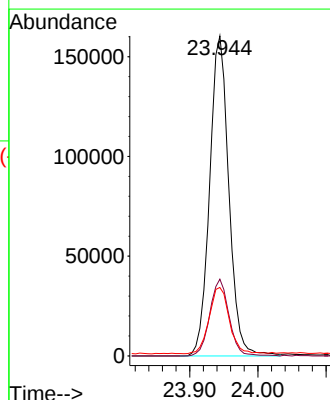
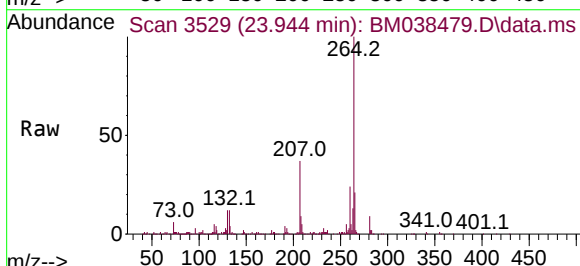
RT: 23.944 min Scan# 3529

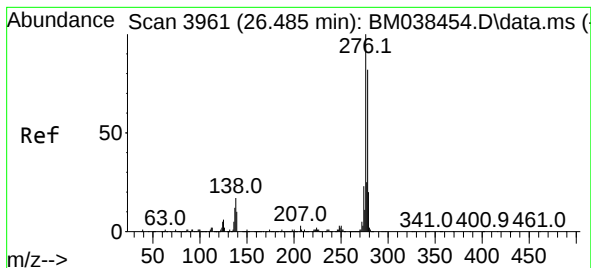
Delta R.T. 0.006 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

Tgt Ion:	264	Resp:	313634
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.2	27.4
265	21.4	17.2	25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.769 ng

RT: 26.462 min Scan# 3957

Delta R.T. -0.006 min

Lab File: BM038479.D

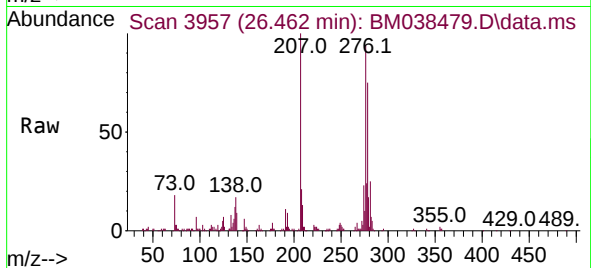
Acq: 18 Jan 2023 14:27

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022



Tgt Ion: 276 Resp: 180326

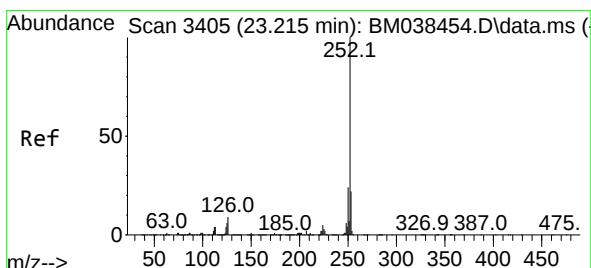
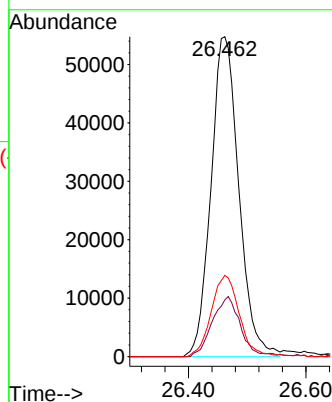
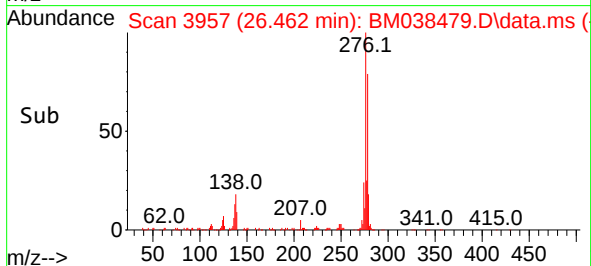
Ion	Ratio	Lower	Upper
276	100		
138	18.9	13.4	20.2
277	25.4	19.8	29.8

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 01/19/2023

Supervised By : Jagrut Upadhyay 01/19/2023



#88

Benzo(b)fluoranthene

Concen: 8.561 ng m

RT: 23.203 min Scan# 3403

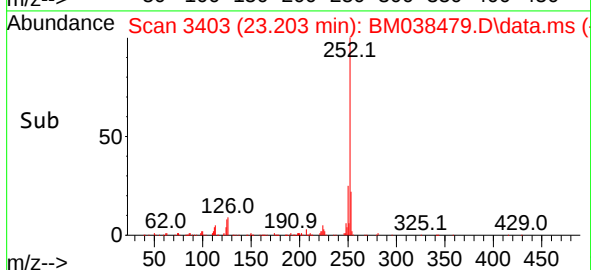
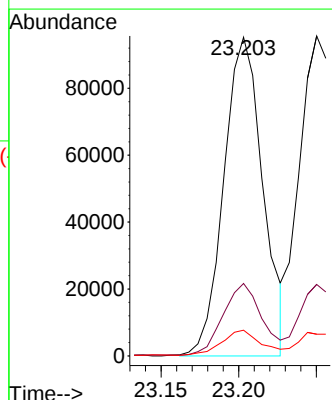
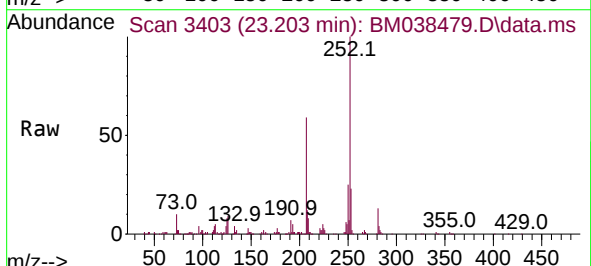
Delta R.T. 0.000 min

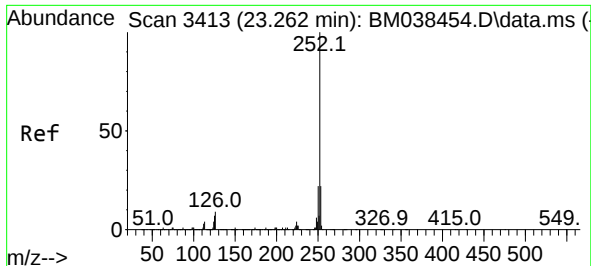
Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

Tgt Ion: 252 Resp: 166496

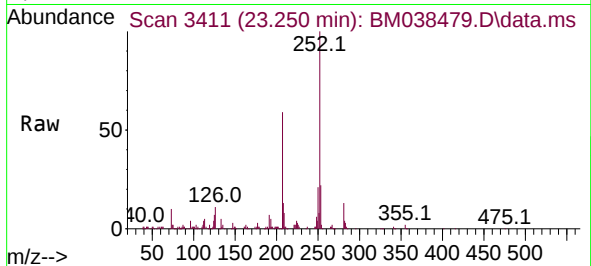
Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	8.1	5.1	7.7





#89
Benzo(k)fluoranthene
Concen: 8.249 ng
RT: 23.250 min Scan# 3413
Delta R.T. -0.006 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

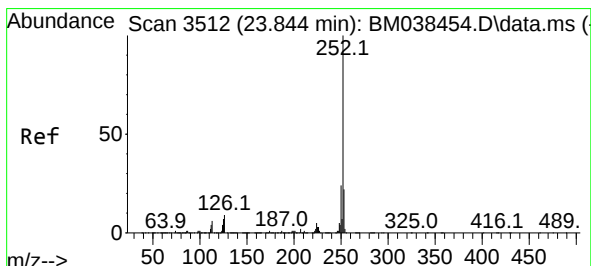
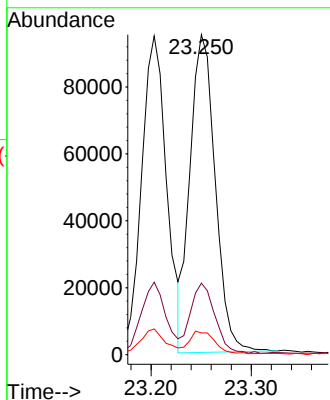
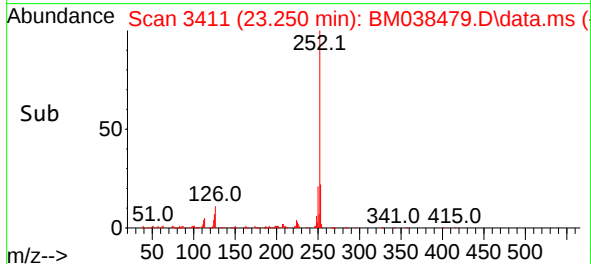
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:252 Resp: 165902
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 6.8 5.5 8.3

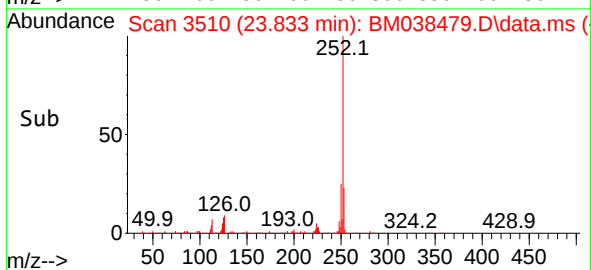
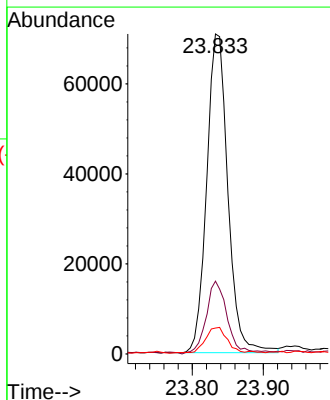
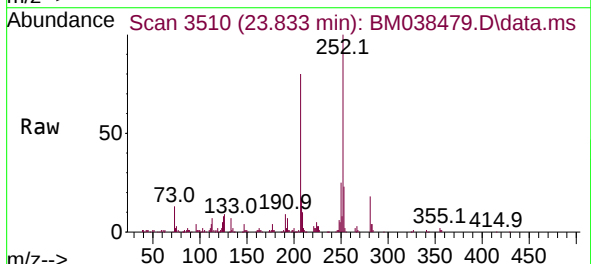
Manual Integrations
APPROVED

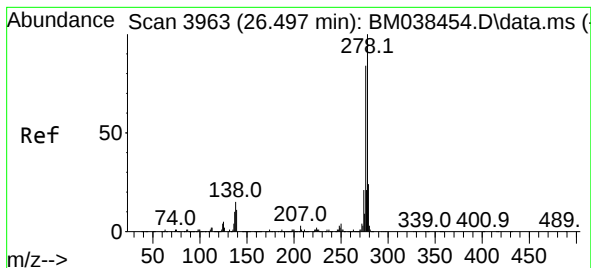
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#90
Benzo(a)pyrene
Concen: 7.695 ng
RT: 23.833 min Scan# 3510
Delta R.T. -0.006 min
Lab File: BM038479.D
Acq: 18 Jan 2023 14:27

Tgt Ion:252 Resp: 146862
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 8.1 5.8 8.8





#91

Dibenzo(a,h)anthracene

Concen: 8.113 ng

RT: 26.474 min Scan# 3963

Delta R.T. -0.006 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

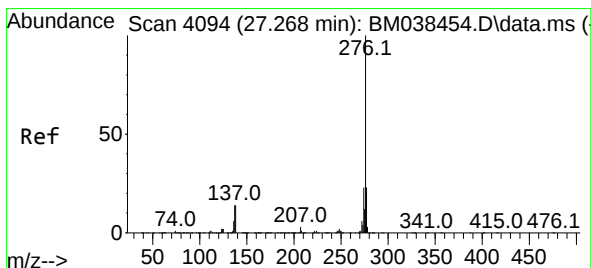
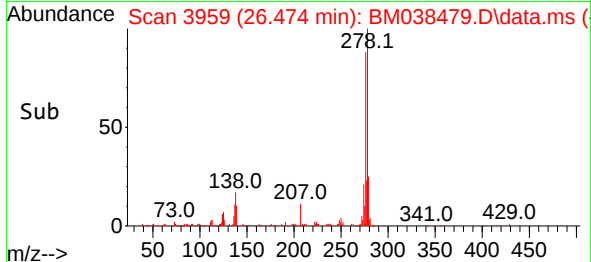
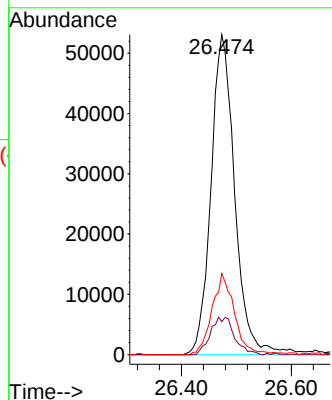
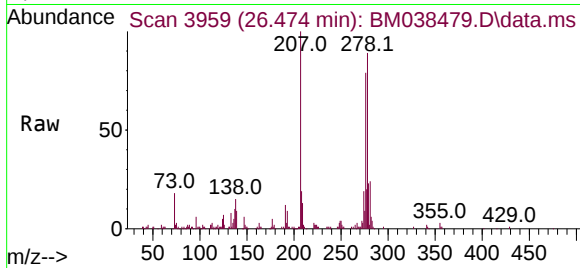
Tgt Ion:	278	Resp:	15801
Ion Ratio	Lower	Upper	
278	100		
139	10.3	8.4	12.6
279	25.3	19.0	28.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/19/2023

Supervised By :Jagrut Upadhyay 01/19/2023



#92

Benzo(g,h,i)perylene

Concen: 8.309 ng

RT: 27.238 min Scan# 4089

Delta R.T. -0.012 min

Lab File: BM038479.D

Acq: 18 Jan 2023 14:27

Tgt Ion:	276	Resp:	160563
Ion Ratio	Lower	Upper	
276	100		
277	24.9	18.6	27.8
138	13.5	11.3	16.9

