

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011823\
 Data File : BM038477.D
 Acq On : 18 Jan 2023 13:08
 Operator : CG/JU
 Sample : N3980-08
 Misc : LOQ-WATER-5ppm
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Jan 19 06:12:13 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	43766	20.000	ng	0.00
21) Naphthalene-d8	10.787	136	141940	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	84029	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	185062	20.000	ng	0.00
76) Chrysene-d12	21.521	240	193166	20.000	ng	0.00
86) Perylene-d12	23.944	264	245564	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	344465	120.058	ng	0.00
7) Phenol-d6	7.140	99	418238	113.796	ng	0.00
23) Nitrobenzene-d5	9.145	82	287746	82.600	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	160690	113.121	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	521579	77.409	ng	0.00
79) Terphenyl-d14	19.962	244	874895	84.789	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	7398	5.642	ng	97
3) Pyridine	3.816	79	15955m	4.206	ng	
4) n-Nitrosodimethylamine	3.716	42	12179	5.427	ng	# 94
6) Aniline	7.304	93	22104	4.761	ng	96
8) 2-Chlorophenol	7.534	128	14748	5.192	ng	90
9) Benzaldehyde	7.116	77	16127	6.562	ng	92
10) Phenol	7.163	94	19261	5.029	ng	83
11) bis(2-Chloroethyl)ether	7.398	93	15371	4.952	ng	92
12) 1,3-Dichlorobenzene	7.863	146	16698	5.487	ng	98
13) 1,4-Dichlorobenzene	8.010	146	16712m	5.459	ng	
14) 1,2-Dichlorobenzene	8.328	146	16396	5.477	ng	92
15) Benzyl Alcohol	8.228	79	13440	4.566	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.510	45	24008	5.548	ng	98
17) 2-Methylphenol	8.422	107	11028	4.263	ng	91
18) Hexachloroethane	9.051	117	6788	5.413	ng	90
19) n-Nitroso-di-n-propyla...	8.787	70	13167	4.935	ng	# 93
20) 3+4-Methylphenols	8.751	107	14608	4.206	ng	97
22) Acetophenone	8.810	105	21216	5.057	ng	# 93
24) Nitrobenzene	9.192	77	22099m	6.004	ng	
25) Isophorone	9.716	82	30634	4.965	ng	97
26) 2-Nitrophenol	9.904	139	5990	4.635	ng	96
27) 2,4-Dimethylphenol	9.957	122	10090	4.585	ng	95
28) bis(2-Chloroethoxy)met...	10.198	93	17694	5.099	ng	99
29) 2,4-Dichlorophenol	10.439	162	11797	4.853	ng	89
30) 1,2,4-Trichlorobenzene	10.651	180	14766	5.253	ng	95
31) Naphthalene	10.839	128	38899	5.171	ng	99
32) Benzoic acid	10.040	122	3911m	7.008	ng	
33) 4-Chloroaniline	10.963	127	14631	4.431	ng	98
34) Hexachlorobutadiene	11.110	225	10662	5.409	ng	99
35) Caprolactam	11.739	113	2040	2.969	ng	# 85
36) 4-Chloro-3-methylphenol	12.075	107	12092	4.562	ng	89
37) 2-Methylnaphthalene	12.439	142	24933	4.533	ng	97
38) 1-Methylnaphthalene	12.657	142	23501	4.551	ng	96
40) 1,2,4,5-Tetrachloroben...	12.804	216	14608	4.645	ng	95
41) Hexachlorocyclopentadiene	12.775	237	9046	5.059	ng	95
43) 2,4,6-Trichlorophenol	13.045	196	9950	5.005	ng	84

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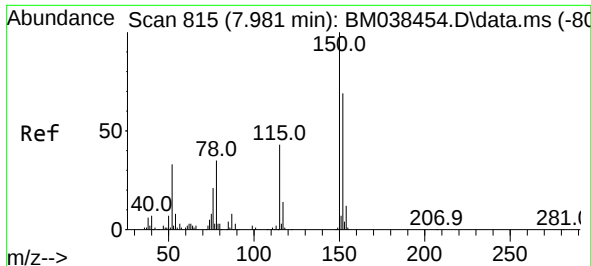
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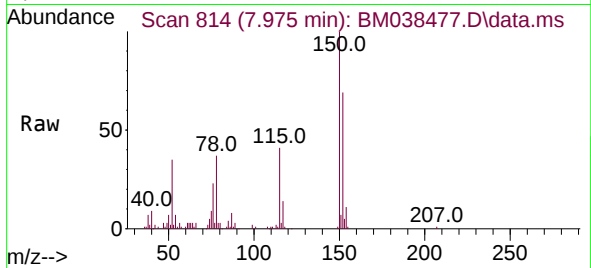
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.122	196	9898	4.223	ng	# 91
46) 1,1'-Biphenyl	13.445	154	32005	4.909	ng	96
47) 2-Chloronaphthalene	13.492	162	28112	5.479	ng	99
48) 2-Nitroaniline	13.704	65	8398	6.195	ng	98
49) Acenaphthylene	14.333	152	38482	4.757	ng	98
50) Dimethylphthalate	14.069	163	32220	4.731	ng	# 98
51) 2,6-Dinitrotoluene	14.192	165	5323	3.842	ng	# 81
52) Acenaphthene	14.674	154	23207	4.721	ng	99
53) 3-Nitroaniline	14.527	138	4764	5.601	ng	# 75
54) 2,4-Dinitrophenol	14.739	184	3020	7.960	ng	# 85
55) Dibenzofuran	15.010	168	41620	4.972	ng	99
56) 4-Nitrophenol	14.833	139	3912m	6.887	ng	
57) 2,4-Dinitrotoluene	14.980	165	7709	4.003	ng	# 90
58) Fluorene	15.657	166	31613	4.520	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.233	232	8571	4.124	ng	# 95
60) Diethylphthalate	15.422	149	32715	4.683	ng	95
61) 4-Chlorophenyl-phenyle...	15.645	204	17370	4.525	ng	98
62) 4-Nitroaniline	15.686	138	5269m	5.983	ng	
63) Azobenzene	15.939	77	36936	4.805	ng	98
65) 4,6-Dinitro-2-methylph...	15.745	198	4339	3.455	ng	90
66) n-Nitrosodiphenylamine	15.863	169	26124	4.811	ng	97
67) 4-Bromophenyl-phenylether	16.539	248	9958	4.652	ng	93
68) Hexachlorobenzene	16.651	284	12238	5.105	ng	# 90
69) Atrazine	16.810	200	8610	4.484	ng	99
70) Pentachlorophenol	17.004	266	6013	3.436	ng	97
71) Phenanthrene	17.392	178	50737	4.956	ng	97
72) Anthracene	17.486	178	48197	4.580	ng	97
73) Carbazole	17.757	167	41475	4.507	ng	99
74) Di-n-butylphthalate	18.310	149	49784	4.555	ng	98
75) Fluoranthene	19.404	202	57590	4.474	ng	97
77) Benzidine	19.598	184	20779	4.909	ng	97
78) Pyrene	19.768	202	61896	4.815	ng	100
80) Butylbenzylphthalate	20.651	149	21744	4.628	ng	89
81) Benzo(a)anthracene	21.509	228	69478	5.001	ng	98
82) 3,3'-Dichlorobenzidine	21.445	252	22490	5.027	ng	99
83) Chrysene	21.562	228	68695	5.088	ng	99
84) Bis(2-ethylhexyl)phtha...	21.421	149	31560	4.672	ng	96
85) Di-n-octyl phthalate	22.350	149	57540	4.841	ng	# 93
87) Indeno(1,2,3-cd)pyrene	26.462	276	86451	4.757	ng	98
88) Benzo(b)fluoranthene	23.197	252	73745	4.843	ng	# 97
89) Benzo(k)fluoranthene	23.250	252	74120	4.707	ng	98
90) Benzo(a)pyrene	23.833	252	66032	4.419	ng	# 98
91) Dibenzo(a,h)anthracene	26.474	278	73197	4.800	ng	97
92) Benzo(g,h,i)perylene	27.238	276	77318	5.110	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# 815
Delta R.T. -0.000 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

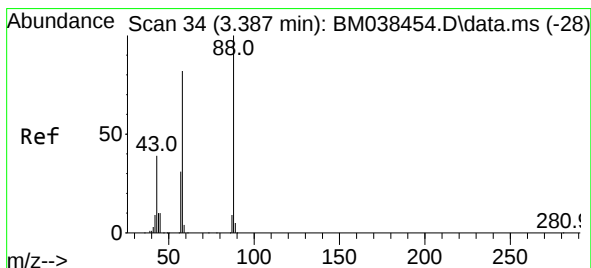
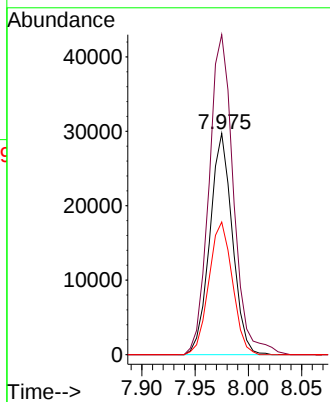
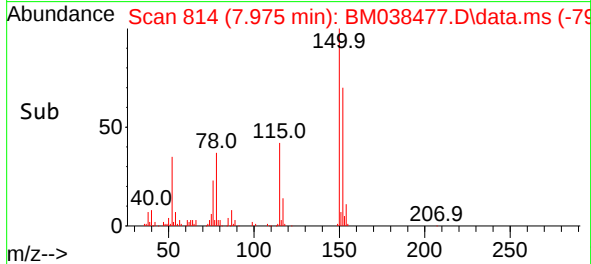
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 152 Resp: 43760
Ion Ratio Lower Upper
152 100
150 144.7 116.0 174.0
115 60.0 49.4 74.2

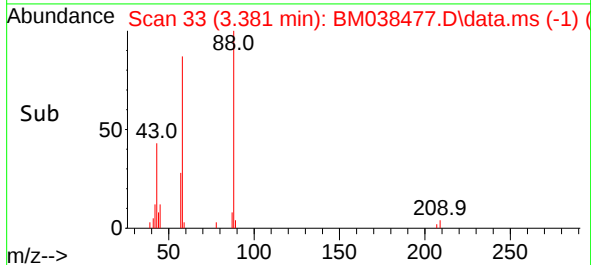
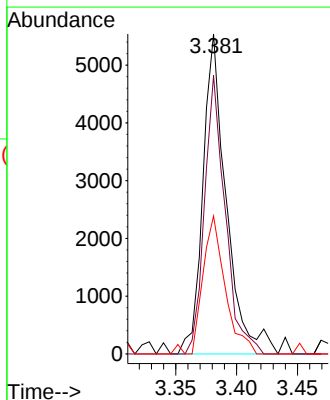
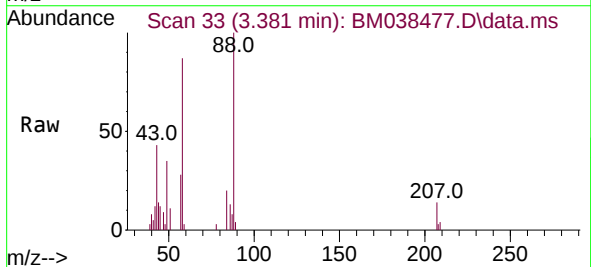
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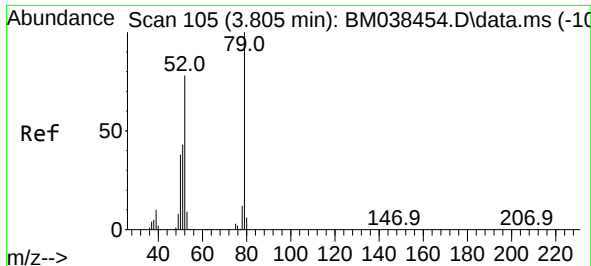
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#2
1,4-Dioxane
Concen: 5.642 ng
RT: 3.381 min Scan# 33
Delta R.T. 0.000 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

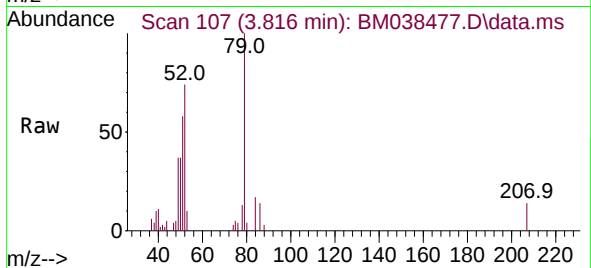
Tgt Ion: 88 Resp: 7398
Ion Ratio Lower Upper
88 100
58 77.2 64.3 96.5
43 41.3 32.3 48.5





#3
Pyridine
Concen: 4.206 ng m
RT: 3.816 min Scan# 10
Delta R.T. 0.024 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

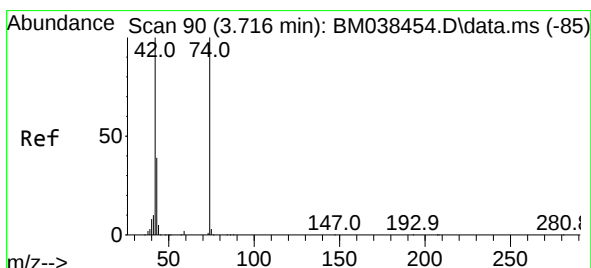
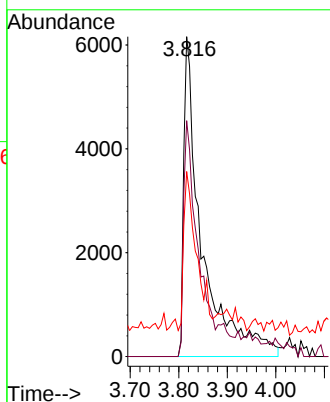
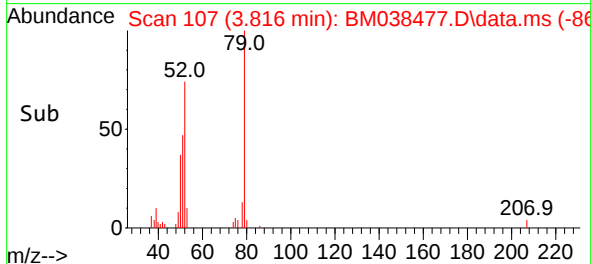
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 79 Resp: 1595
Ion Ratio Lower Upper
79 100
52 73.7 62.2 93.2
51 57.8 34.8 52.2

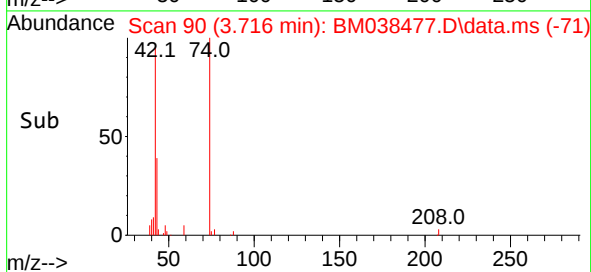
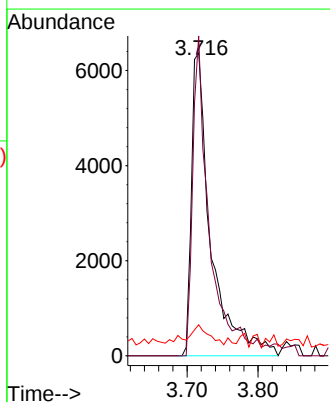
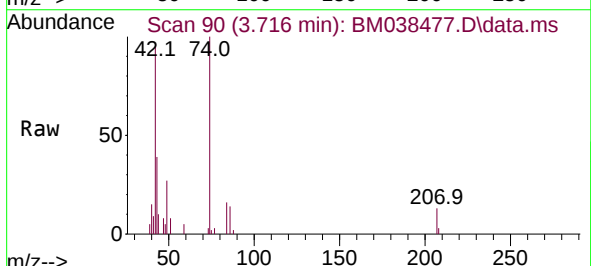
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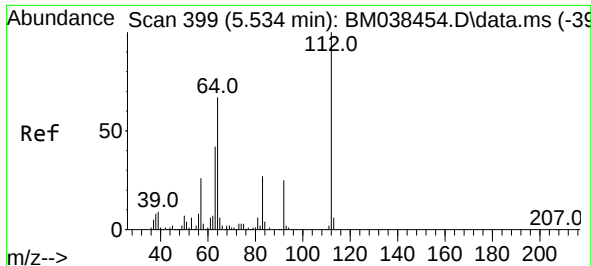
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#4
n-Nitrosodimethylamine
Concen: 5.427 ng
RT: 3.716 min Scan# 90
Delta R.T. 0.012 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

Tgt Ion: 42 Resp: 12179
Ion Ratio Lower Upper
42 100
74 105.6 79.7 119.5
44 10.3 4.7 7.1





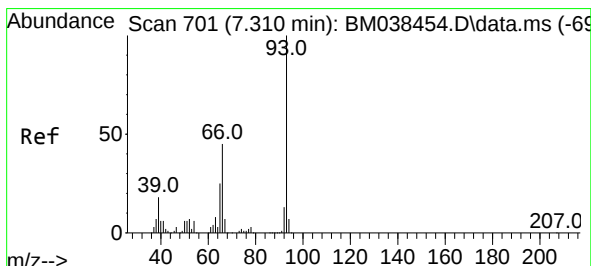
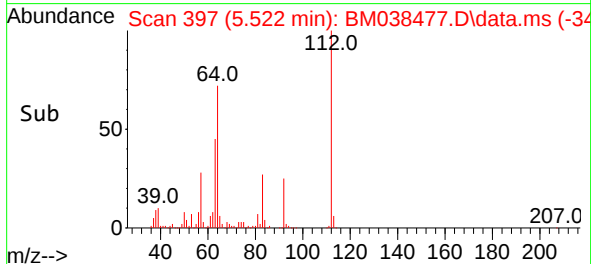
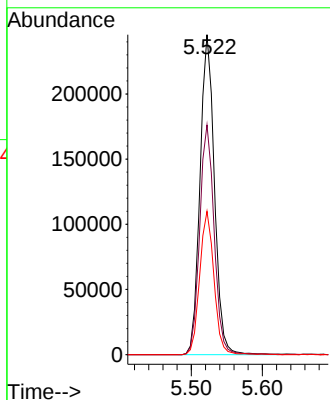
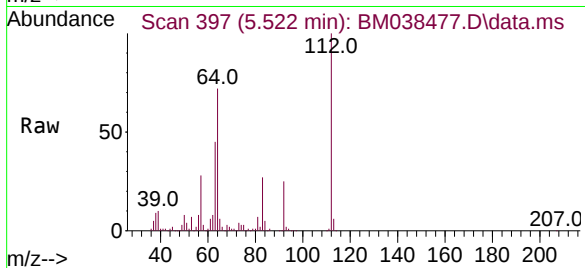
#5
2-Fluorophenol
Concen: 120.058 ng
RT: 5.522 min Scan# 399
Delta R.T. 0.000 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

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

Tgt Ion: 112 Resp: 344465
Ion Ratio Lower Upper
112 100
64 71.8 53.7 80.5
63 44.8 33.7 50.5

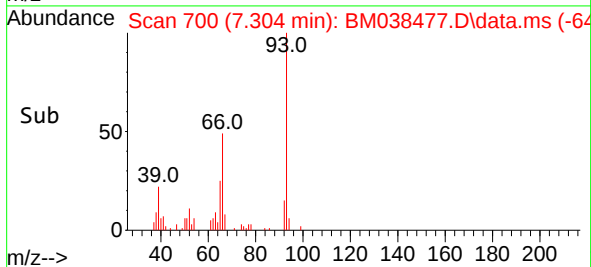
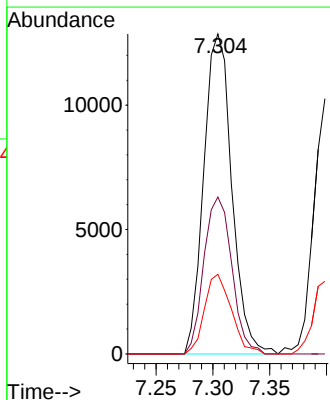
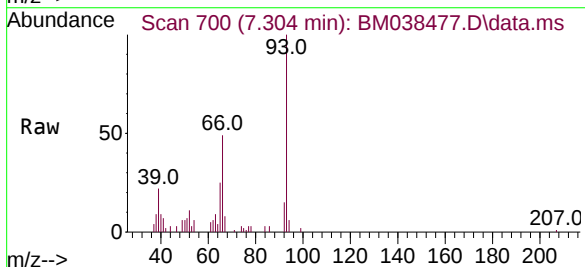
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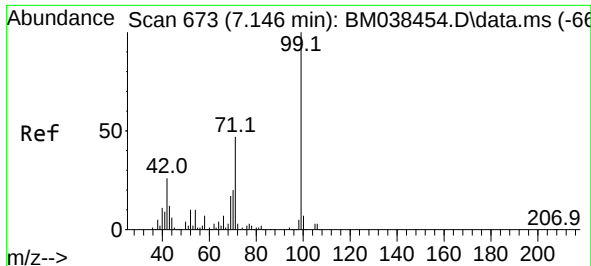
Reviewed By :Christian Giraldo 01/19/2023
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#6
Aniline
Concen: 4.761 ng
RT: 7.304 min Scan# 700
Delta R.T. 0.000 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

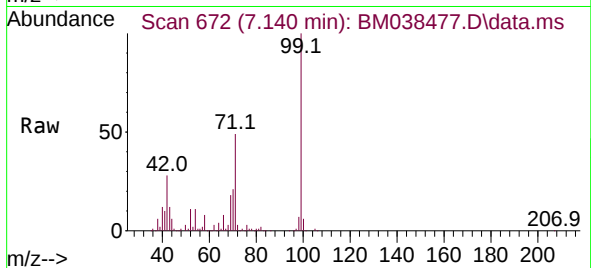
Tgt Ion: 93 Resp: 22104
Ion Ratio Lower Upper
93 100
66 49.0 36.2 54.2
65 24.9 19.8 29.8





#7
Phenol-d6
Concen: 113.796 ng
RT: 7.140 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

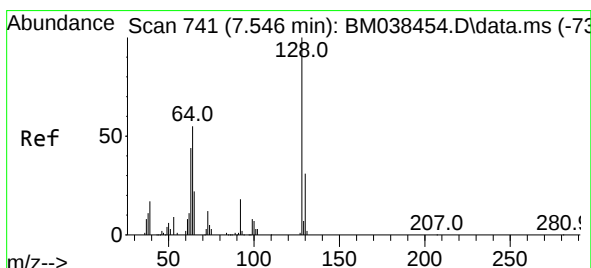
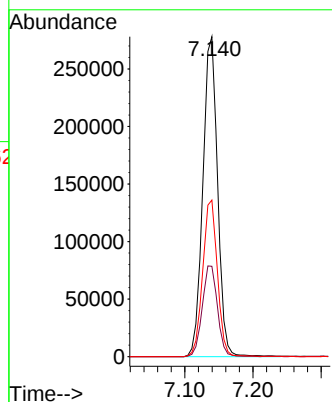
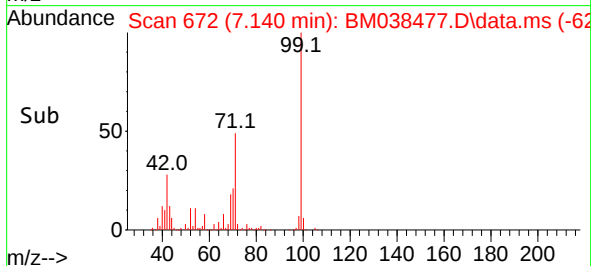
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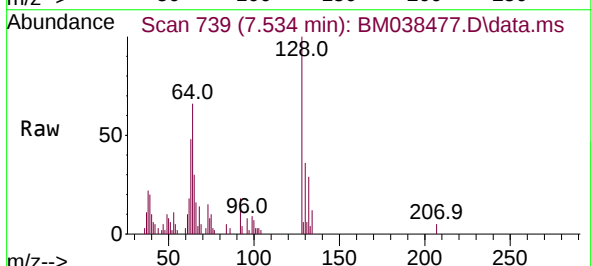
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Ion Ratio Lower Upper
99 100
42 28.2 20.8 31.2
71 48.9 37.8 56.8

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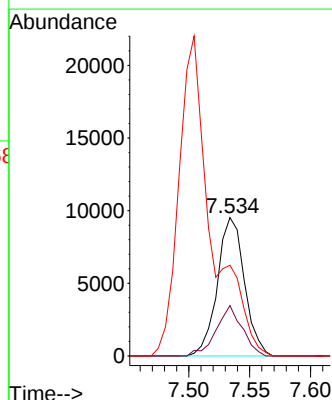
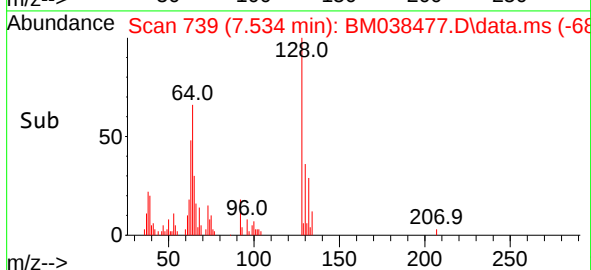
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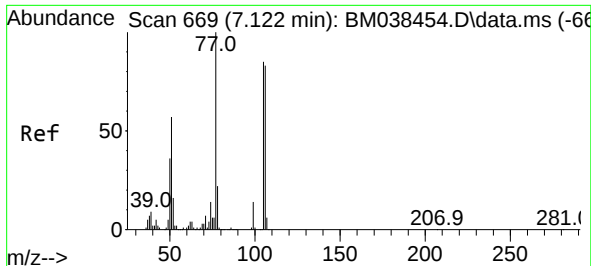


#8
2-Chlorophenol
Concen: 5.192 ng
RT: 7.534 min Scan# 739
Delta R.T. 0.000 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08



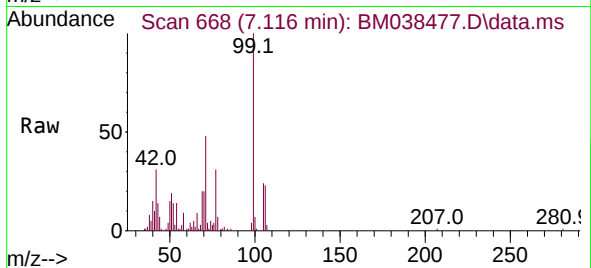
Tgt Ion:128 Resp: 14748
Ion Ratio Lower Upper
128 100
130 36.3 11.5 51.5
64 65.5 38.0 78.0





#9
Benzaldehyde
Concen: 6.562 ng
RT: 7.116 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

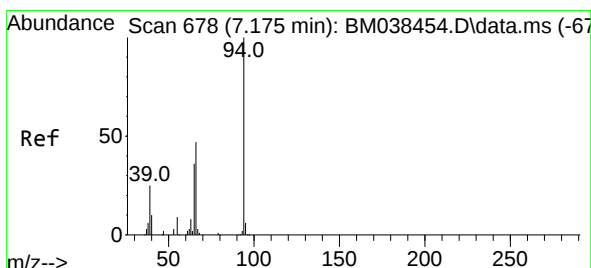
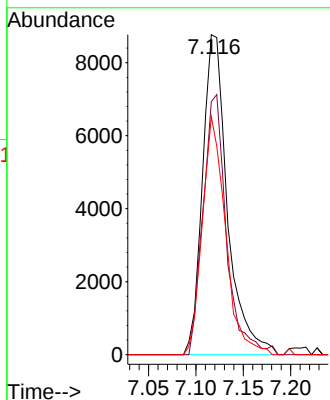
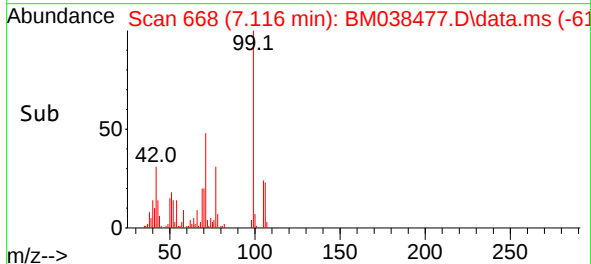
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 77 Resp: 1612
Ion Ratio Lower Upper
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106 74.3 62.5 102.5

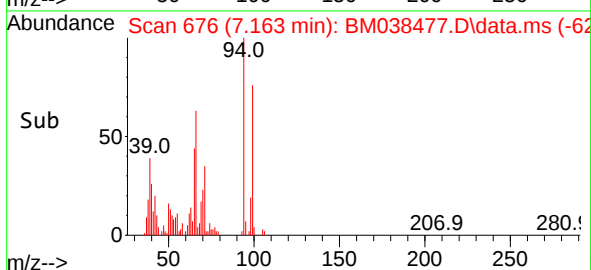
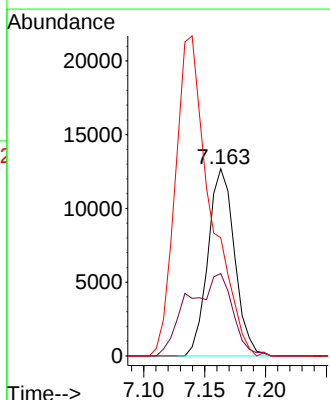
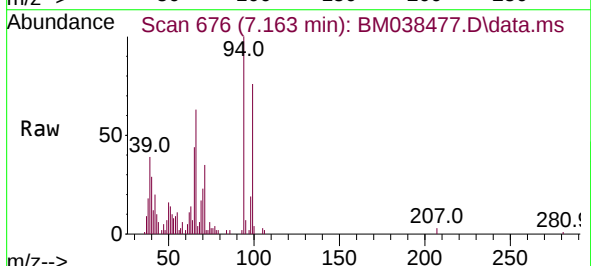
Manual Integrations
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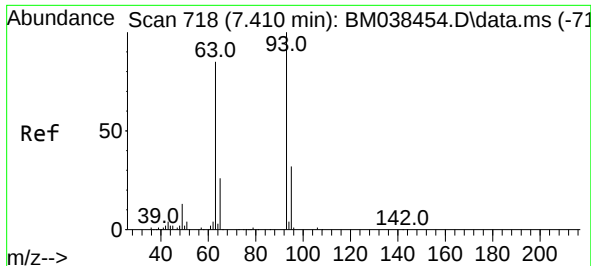
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#10
Phenol
Concen: 5.029 ng
RT: 7.163 min Scan# 676
Delta R.T. 0.000 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

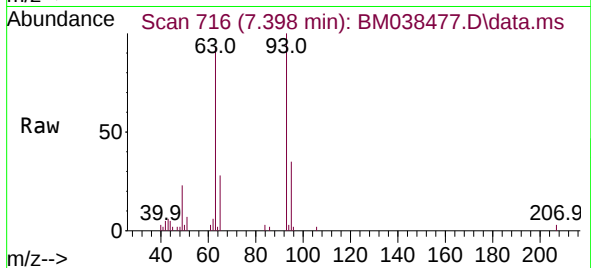
Tgt Ion: 94 Resp: 19261
Ion Ratio Lower Upper
94 100
65 44.0 16.3 56.3
66 63.2 29.2 69.2





#11
bis(2-Chloroethyl)ether
Concen: 4.952 ng
RT: 7.398 min Scan# 718
Delta R.T. 0.000 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

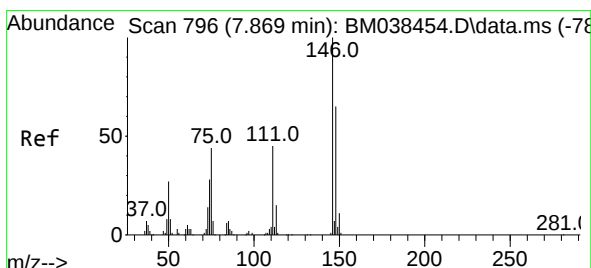
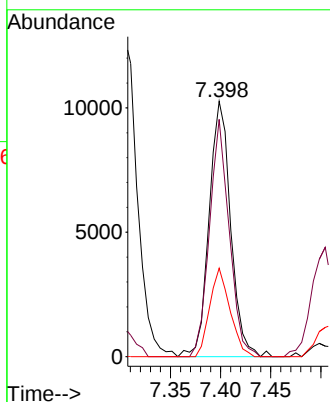
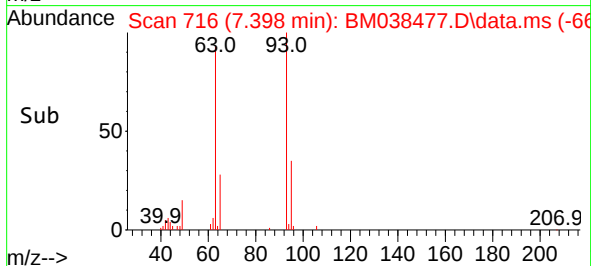
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



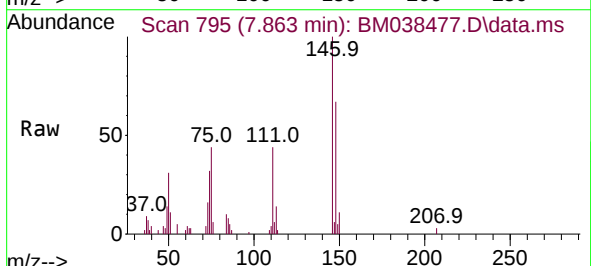
Tgt Ion: 93 Resp: 1537
Ion Ratio Lower Upper
93 100
63 93.0 64.6 104.6
95 34.6 12.0 52.0

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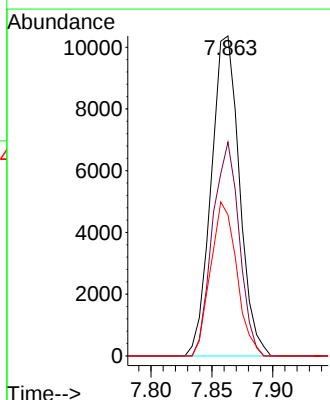
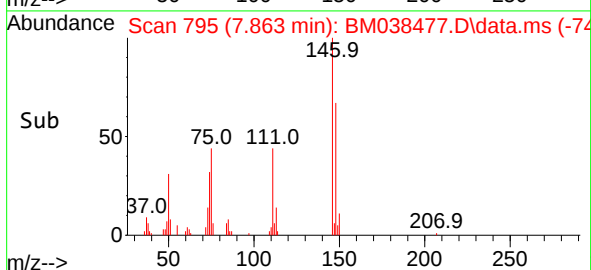
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

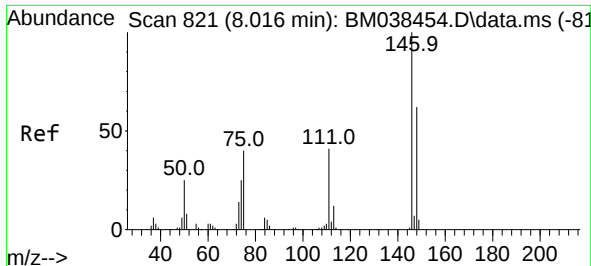


#12
1,3-Dichlorobenzene
Concen: 5.487 ng
RT: 7.863 min Scan# 795
Delta R.T. 0.000 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08



Tgt Ion:146 Resp: 16698
Ion Ratio Lower Upper
146 100
148 66.8 51.8 77.8
75 44.1 35.1 52.7





#13

1,4-Dichlorobenzene

Concen: 5.459 ng m

RT: 8.010 min Scan# 81

Delta R.T. 0.000 min

Lab File: BM038477.D

Acq: 18 Jan 2023 13:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

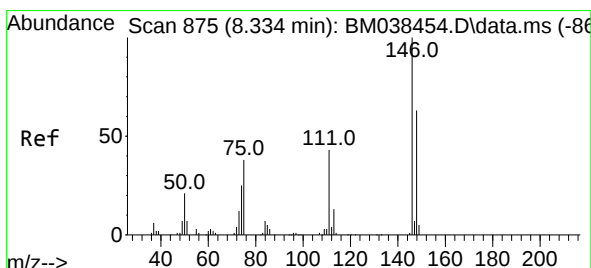
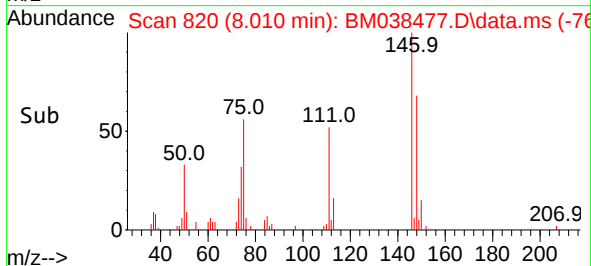
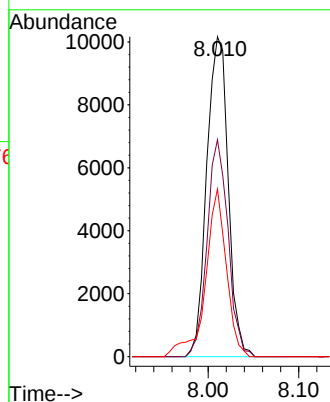
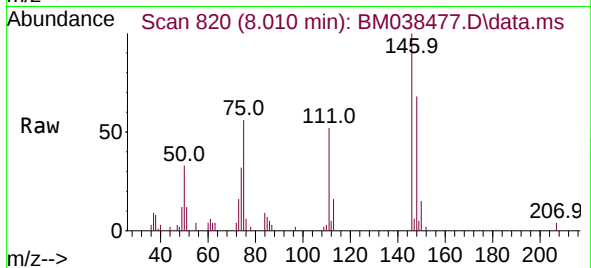
Tgt Ion:	146	Resp:	16712
Ion Ratio	Lower	Upper	
146	100		
148	67.8	50.1	75.1
111	52.4	32.8	49.2

Manual Integrations

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Reviewed By :Christian Giraldo 01/19/2023

Supervised By :Jagrut Upadhyay 01/19/2023



#14

1,2-Dichlorobenzene

Concen: 5.477 ng

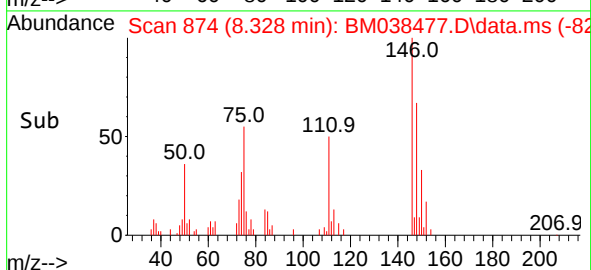
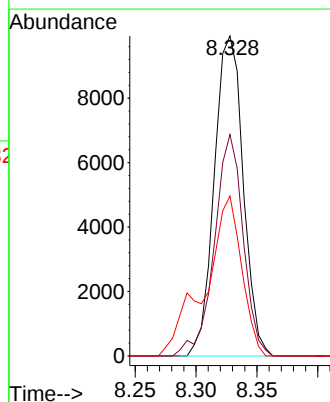
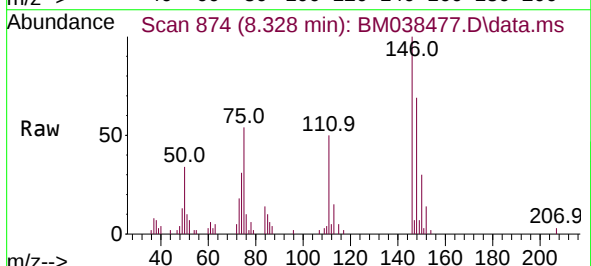
RT: 8.328 min Scan# 874

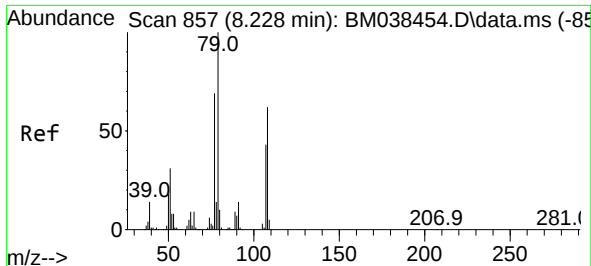
Delta R.T. 0.000 min

Lab File: BM038477.D

Acq: 18 Jan 2023 13:08

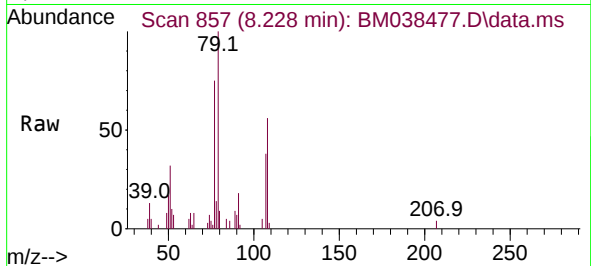
Tgt Ion:	146	Resp:	16396
Ion Ratio	Lower	Upper	
146	100		
148	69.2	50.7	76.1
111	50.0	35.2	52.8





#15
Benzyl Alcohol
Concen: 4.566 ng
RT: 8.228 min Scan# 857
Delta R.T. 0.006 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

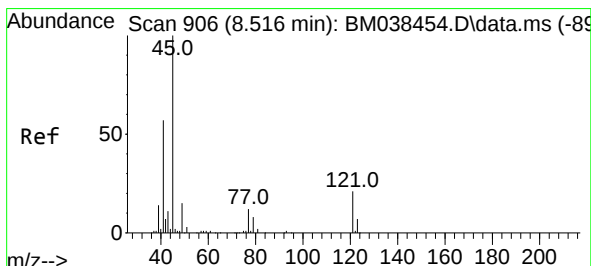
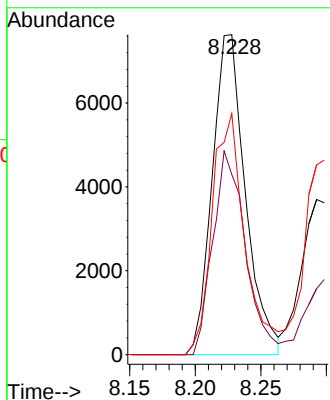
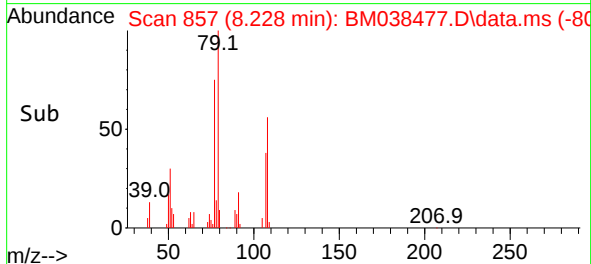
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



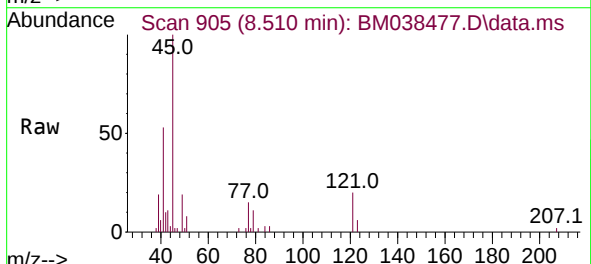
Tgt Ion: 79 Resp: 13440
Ion Ratio Lower Upper
79 100
108 56.3 49.3 73.9
77 75.3 55.1 82.7

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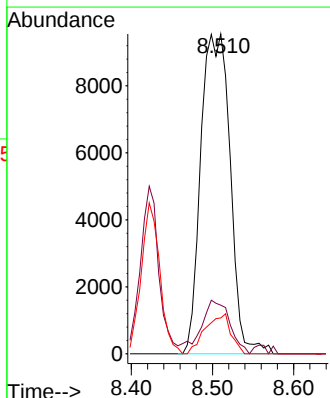
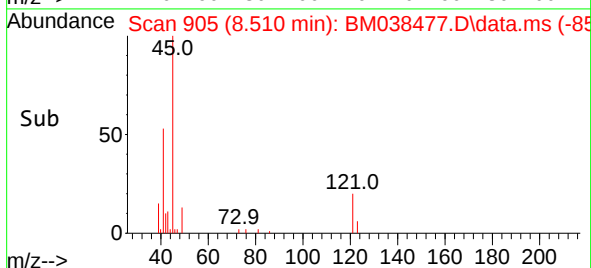
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

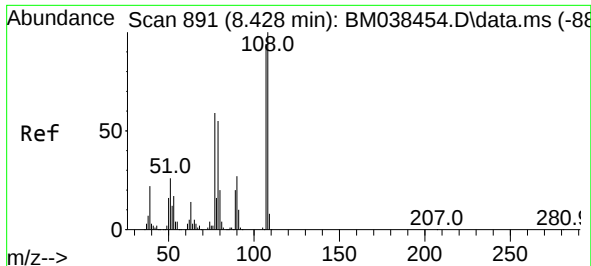


#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.548 ng
RT: 8.510 min Scan# 905
Delta R.T. 0.000 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08



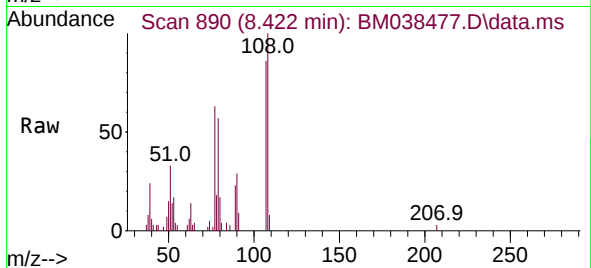
Tgt Ion: 45 Resp: 24008
Ion Ratio Lower Upper
45 100
77 15.2 0.0 34.7
79 11.2 0.0 30.4





#17
2-Methylphenol
Concen: 4.263 ng
RT: 8.422 min Scan# 891
Delta R.T. 0.000 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

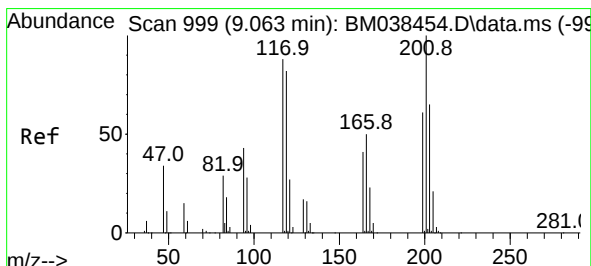
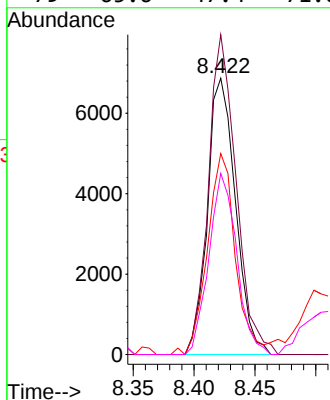
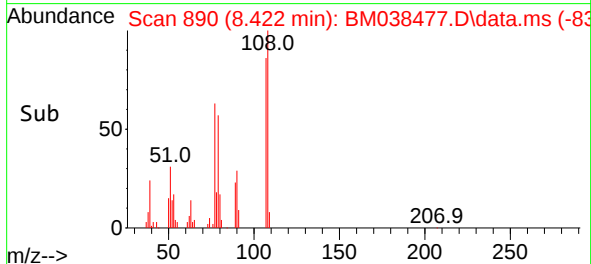
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:	107	Resp:	11028
Ion	Ratio	Lower	Upper
107	100		
108	115.8	85.7	128.5
77	72.8	50.5	75.7
79	65.6	47.4	71.0

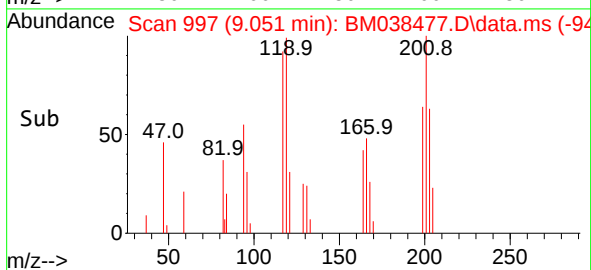
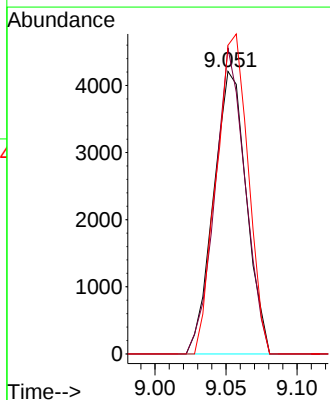
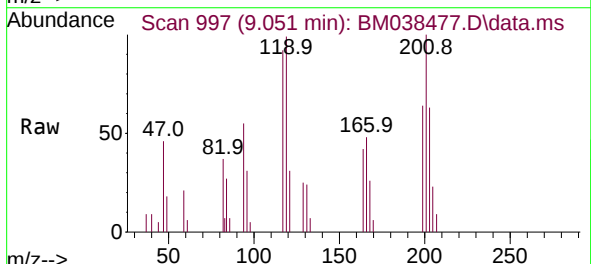
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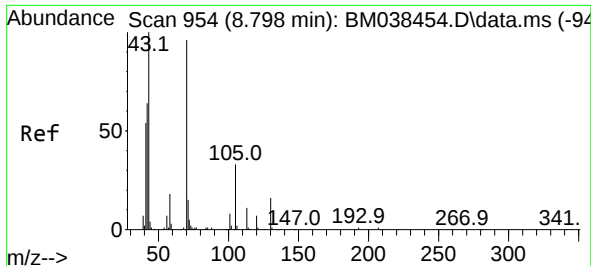
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#18
Hexachloroethane
Concen: 5.413 ng
RT: 9.051 min Scan# 997
Delta R.T. -0.006 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

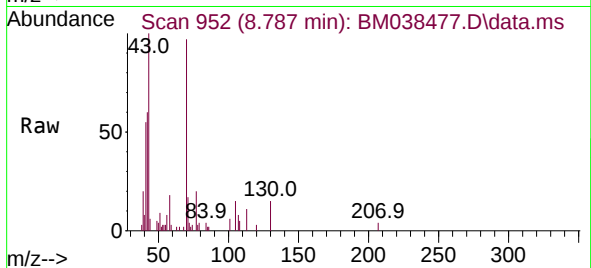
Tgt Ion:	117	Resp:	6788
Ion	Ratio	Lower	Upper
117	100		
119	108.3	74.5	111.7
201	109.2	91.3	136.9





#19
n-Nitroso-di-n-propylamine
Concen: 4.935 ng
RT: 8.787 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

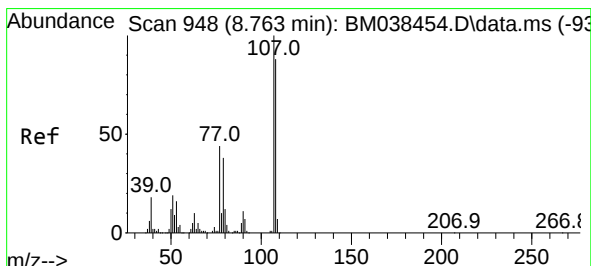
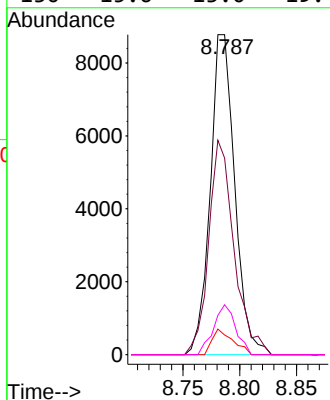
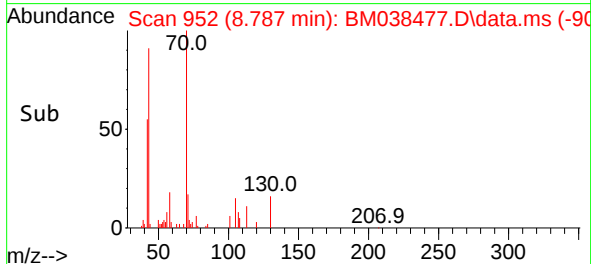
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



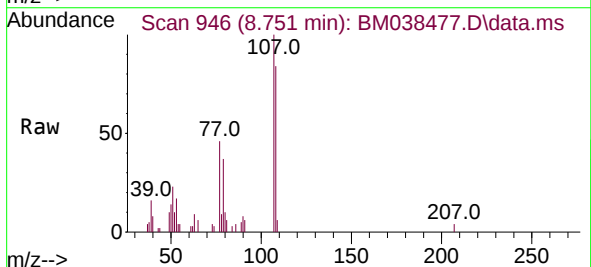
Tgt Ion: 70 Resp: 13162
Ion Ratio Lower Upper
70 100
42 61.4 54.2 81.2
101 6.1 6.6 10.0
130 15.6 13.0 19.4

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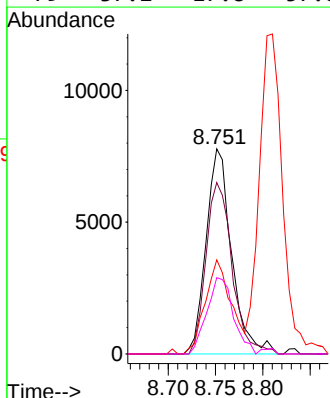
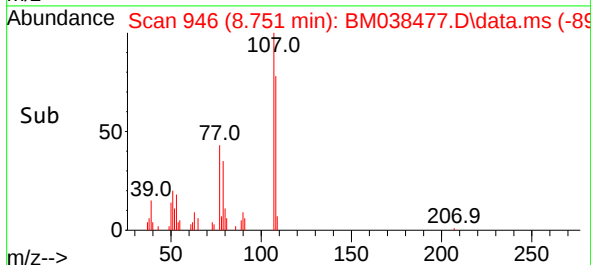
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

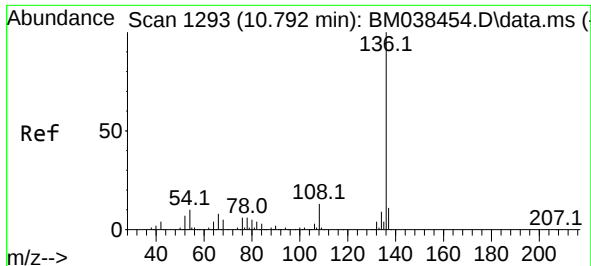


#20
3+4-Methylphenols
Concen: 4.206 ng
RT: 8.751 min Scan# 946
Delta R.T. 0.000 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08



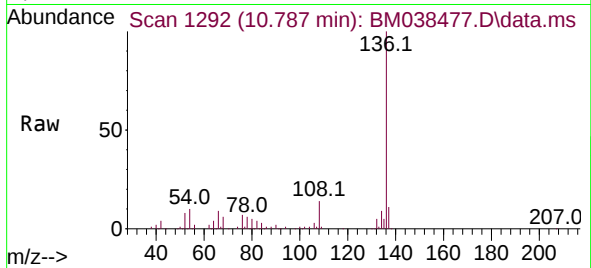
Tgt Ion:107 Resp: 14608
Ion Ratio Lower Upper
107 100
108 83.5 67.6 107.6
77 45.9 24.1 64.1
79 37.2 17.8 57.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.787 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

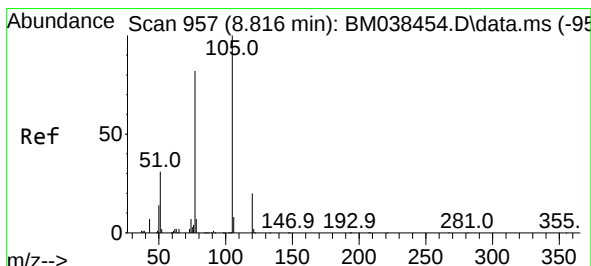
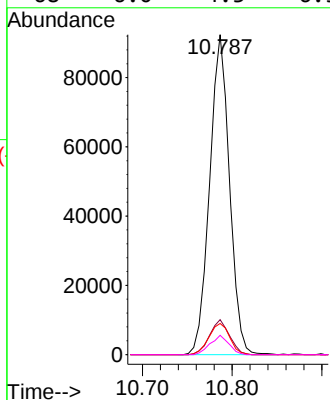
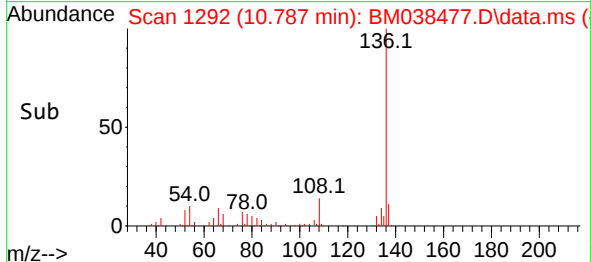
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:136 Resp: 141940
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 9.7 7.6 11.4
68 6.0 4.3 6.5

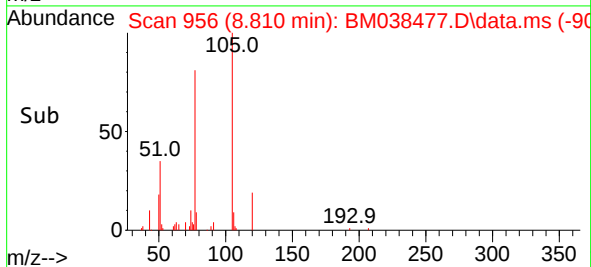
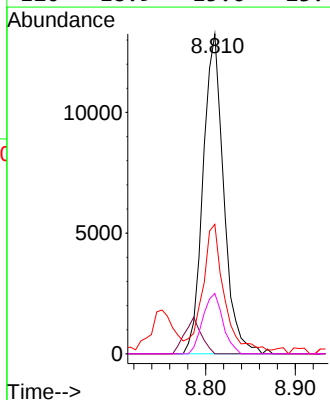
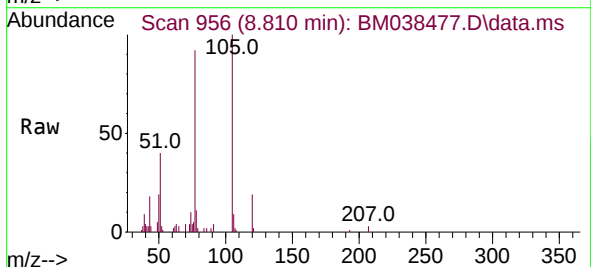
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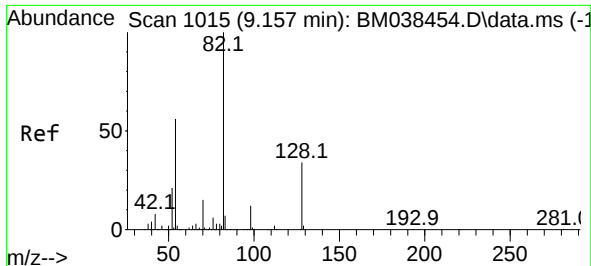
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#22
Acetophenone
Concen: 5.057 ng
RT: 8.810 min Scan# 956
Delta R.T. 0.000 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

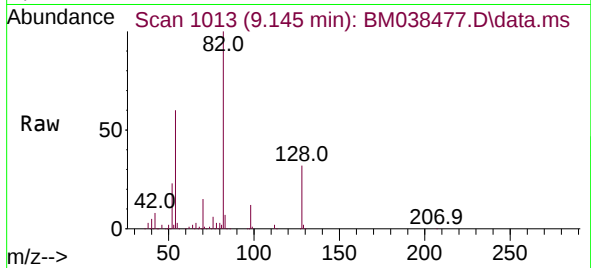
Tgt Ion:105 Resp: 21216
Ion Ratio Lower Upper
105 100
71 0.0 1.0 1.6#
51 40.5 27.4 41.2
120 18.9 15.6 23.4





#23
Nitrobenzene-d5
Concen: 82.600 ng
RT: 9.145 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

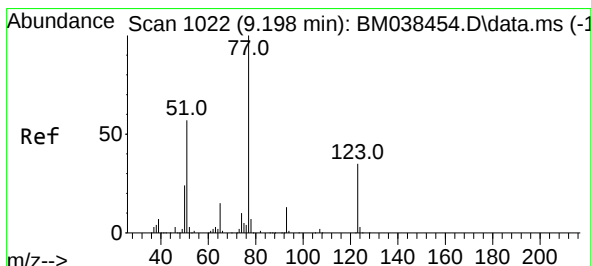
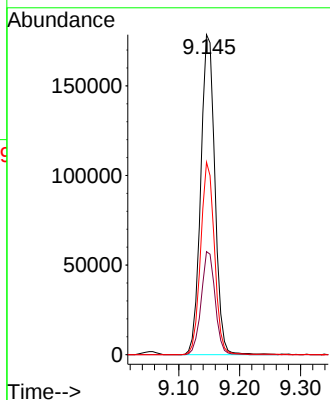
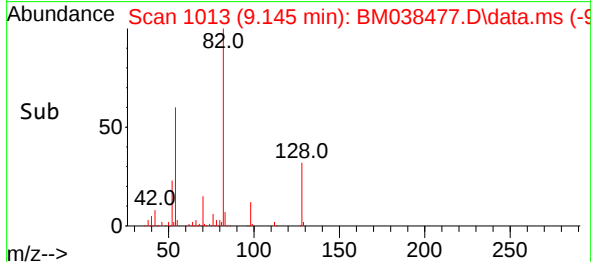
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 82 Resp: 287746
Ion Ratio Lower Upper
82 100
128 32.2 27.0 40.6
54 60.1 45.0 67.6

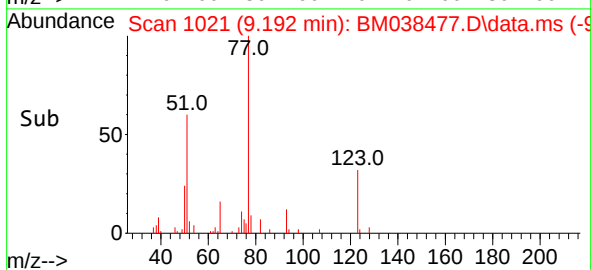
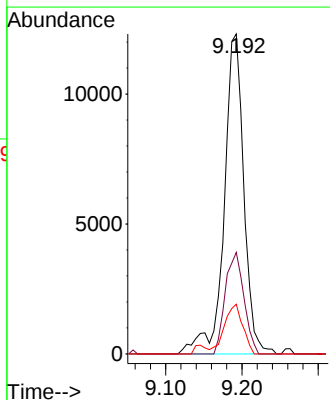
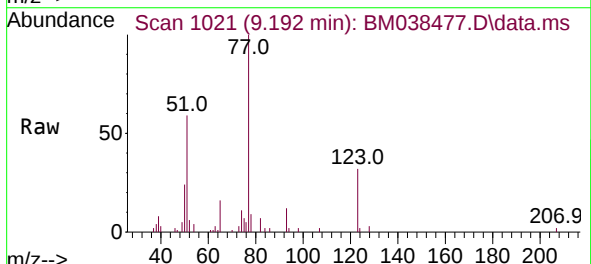
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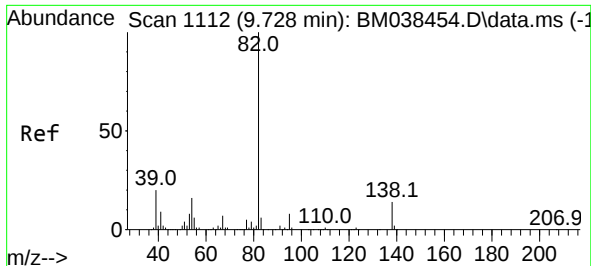
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#24
Nitrobenzene
Concen: 6.004 ng m
RT: 9.192 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

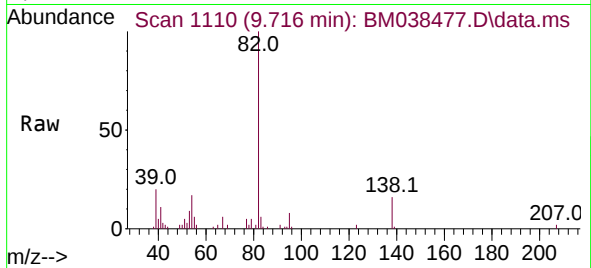
Tgt Ion: 77 Resp: 22099
Ion Ratio Lower Upper
77 100
123 31.7 28.2 42.4
65 15.5 12.1 18.1





#25
Isophorone
Concen: 4.965 ng
RT: 9.716 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

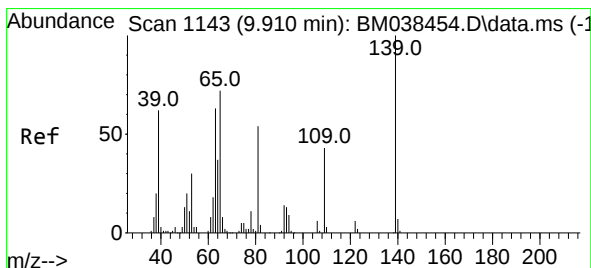
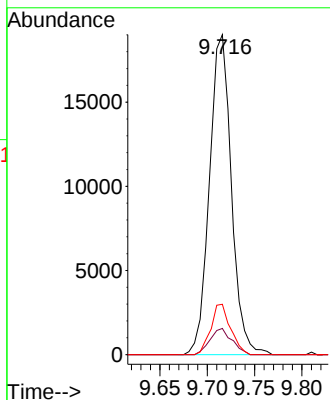
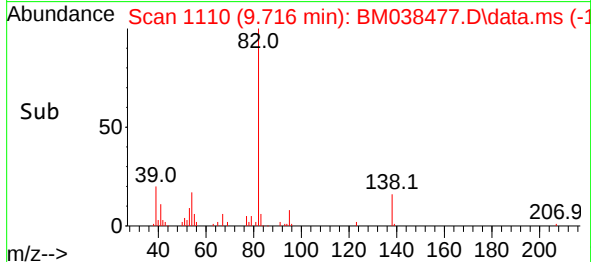
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 82 Resp: 30634
Ion Ratio Lower Upper
82 100
95 8.2 6.1 9.1
138 15.7 11.5 17.3

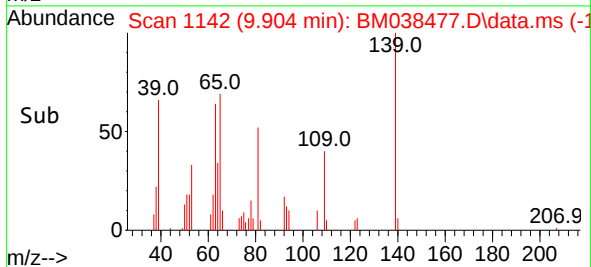
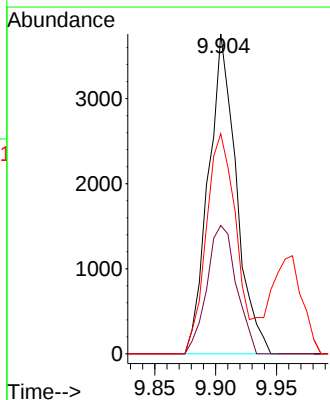
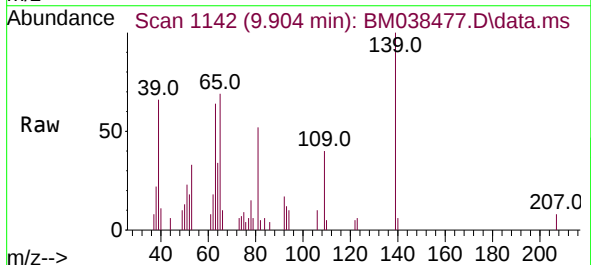
Manual Integrations
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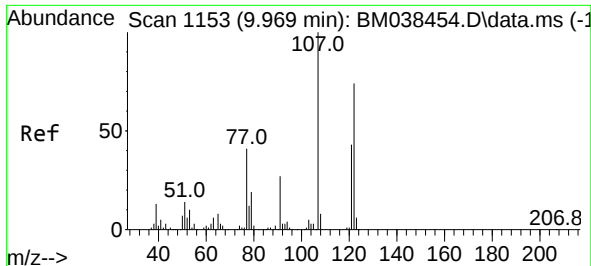
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#26
2-Nitrophenol
Concen: 4.635 ng
RT: 9.904 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

Tgt Ion:139 Resp: 5990
Ion Ratio Lower Upper
139 100
109 40.1 34.7 52.1
65 68.8 57.4 86.0





#27

2,4-Dimethylphenol

Concen: 4.585 ng

RT: 9.957 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BM038477.D

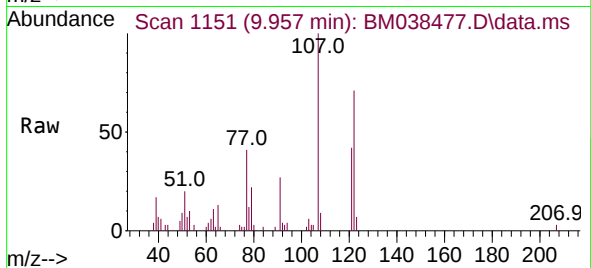
Acq: 18 Jan 2023 13:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022



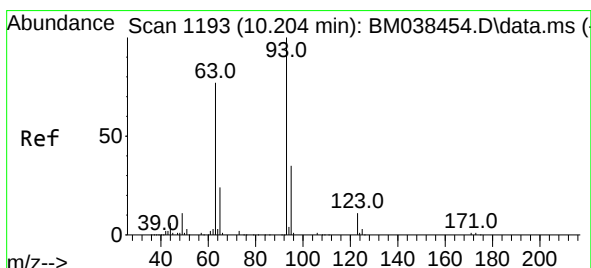
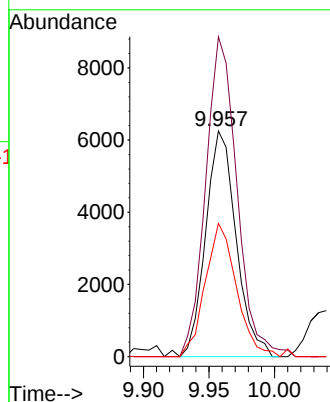
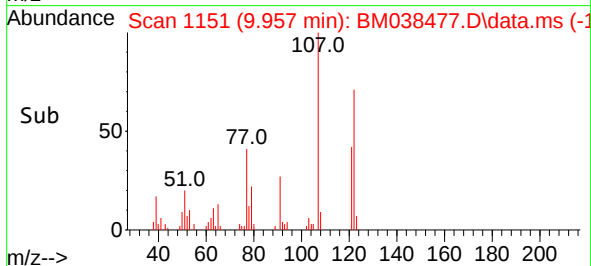
Tgt Ion:	122	Resp:	10090
Ion	Ratio	Lower	Upper
122	100		
107	141.8	107.4	161.0
121	59.1	46.6	70.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/19/2023

Supervised By :Jagrut Upadhyay 01/19/2023



#28

bis(2-Chloroethoxy)methane

Concen: 5.099 ng

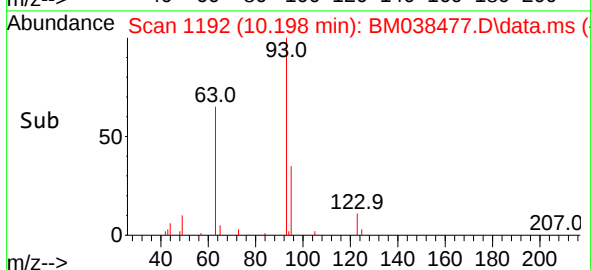
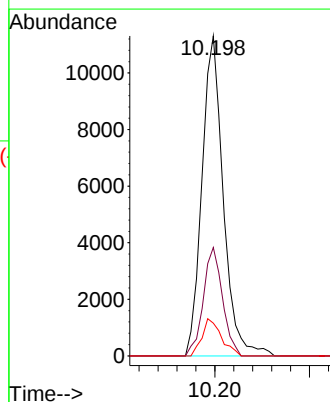
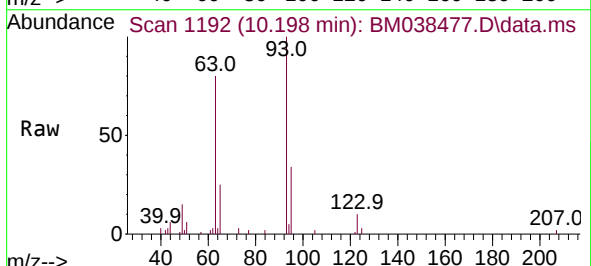
RT: 10.198 min Scan# 1192

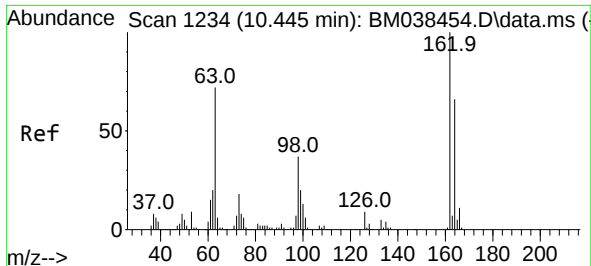
Delta R.T. 0.000 min

Lab File: BM038477.D

Acq: 18 Jan 2023 13:08

Tgt Ion:	93	Resp:	17694
Ion	Ratio	Lower	Upper
93	100		
95	33.9	27.7	41.5
123	10.2	8.6	13.0





#29

2,4-Dichlorophenol

Concen: 4.853 ng

RT: 10.439 min Scan# 1179

Delta R.T. 0.006 min

Lab File: BM038477.D

Acq: 18 Jan 2023 13:08

Instrument :

BNA_M

ClientSampleId :

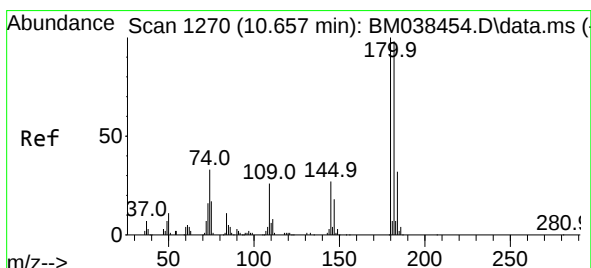
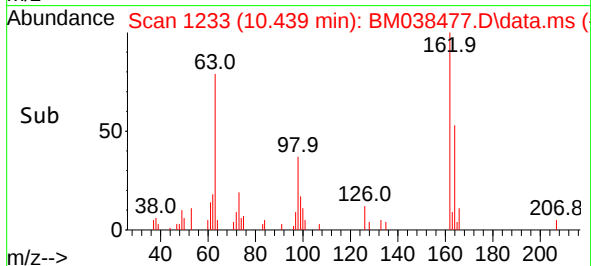
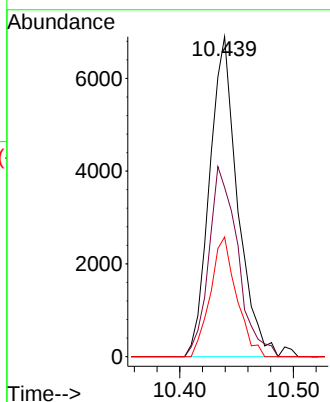
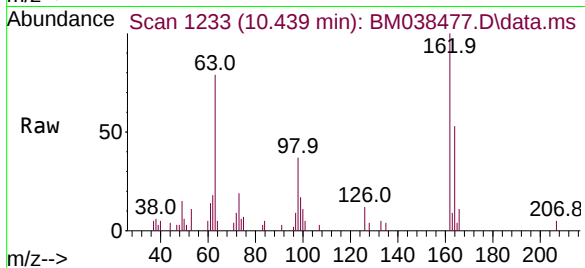
LOQ-WATER-02-QT3-2022

Tgt Ion:	162	Resp:	1179
Ion Ratio	Lower	Upper	
162	100		
164	52.9	46.5	86.5
98	37.4	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: 5.253 ng

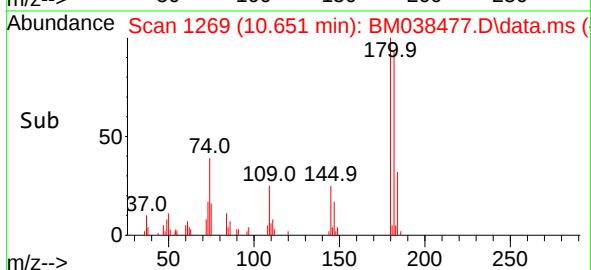
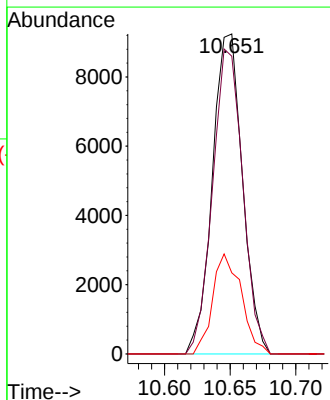
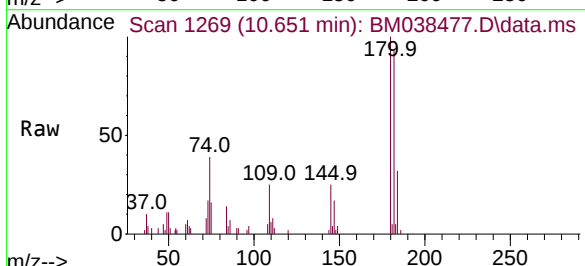
RT: 10.651 min Scan# 1269

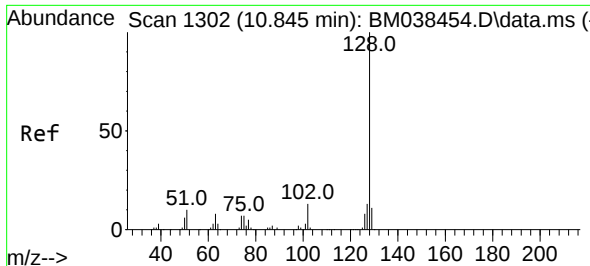
Delta R.T. 0.000 min

Lab File: BM038477.D

Acq: 18 Jan 2023 13:08

Tgt Ion:	180	Resp:	14766
Ion Ratio	Lower	Upper	
180	100		
182	93.0	78.1	117.1
145	25.3	21.9	32.9





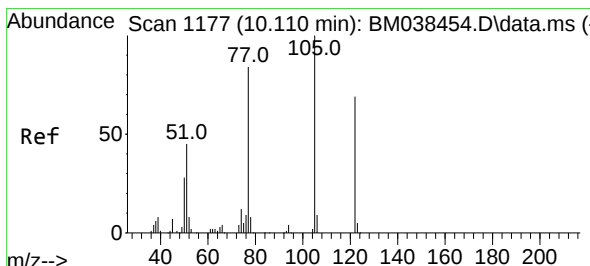
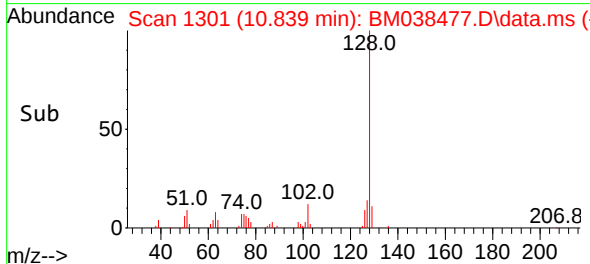
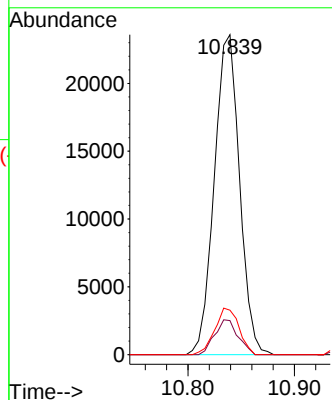
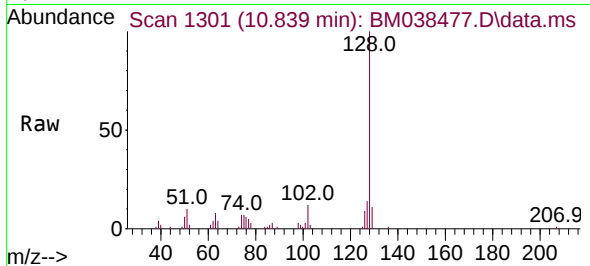
#31
Naphthalene
Concen: 5.171 ng
RT: 10.839 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

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

Tgt Ion:128 Resp: 3889
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 13.9 10.8 16.2

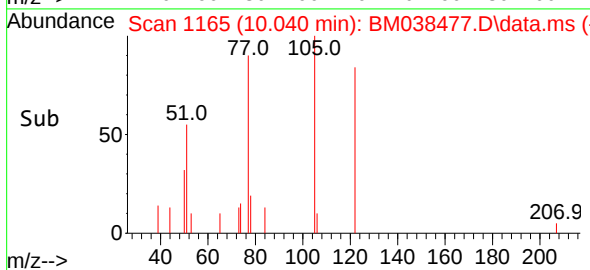
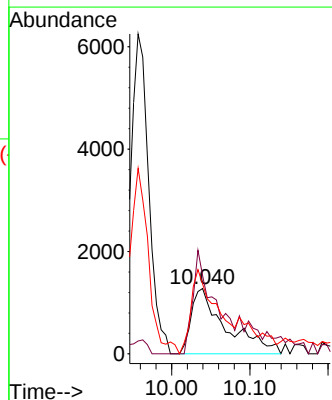
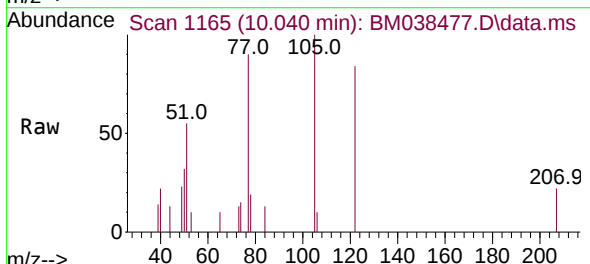
Manual Integrations
APPROVED

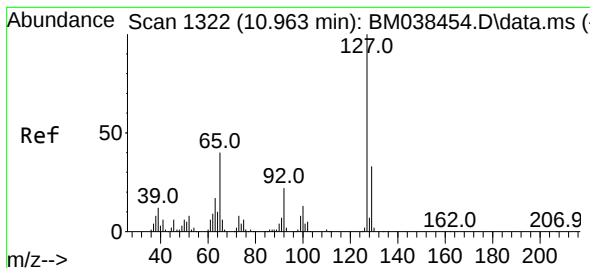
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#32
Benzoic acid
Concen: 7.008 ng m
RT: 10.040 min Scan# 1165
Delta R.T. -0.059 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

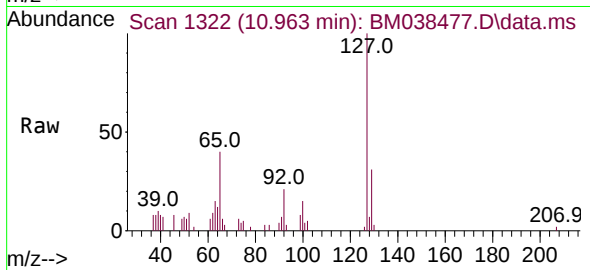
Tgt Ion:122 Resp: 3911
Ion Ratio Lower Upper
122 100
105 119.7 122.6 162.6#
77 107.2 101.5 141.5





#33
4-Chloroaniline
Concen: 4.431 ng
RT: 10.963 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

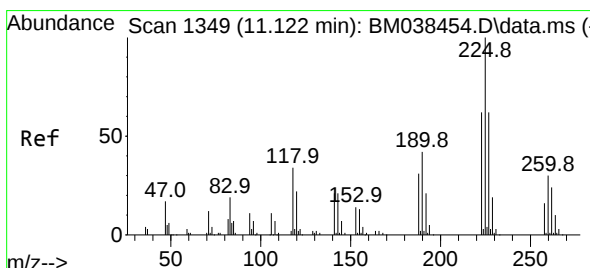
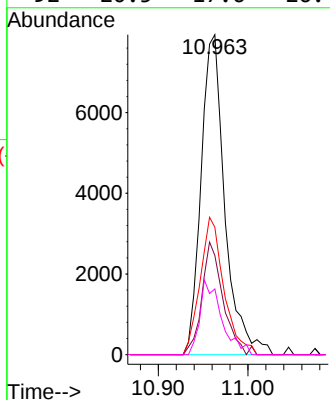
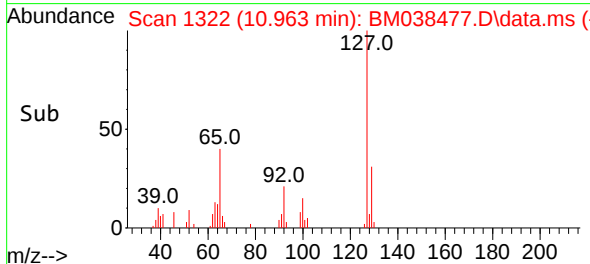
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



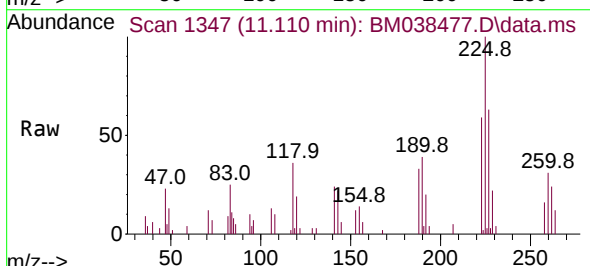
Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.4	39.6
65	39.8	32.1	48.1
92	20.5	17.6	26.4

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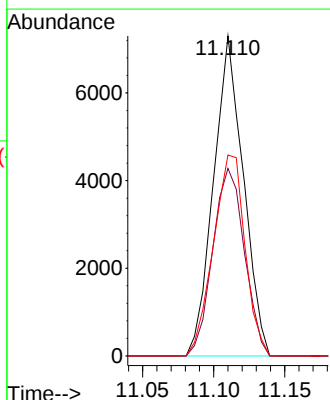
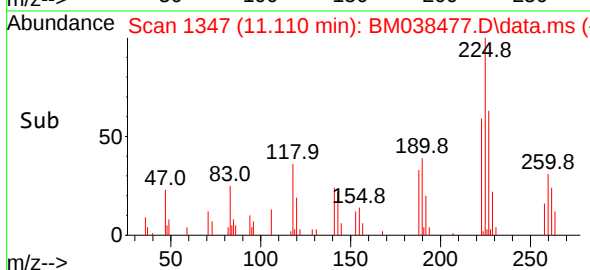
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

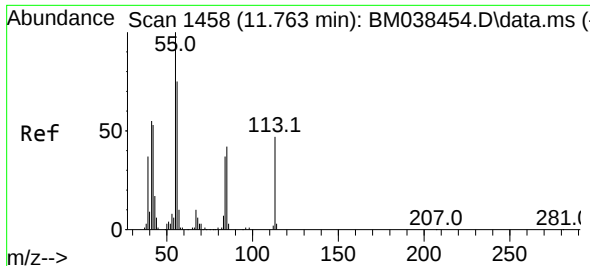


#34
Hexachlorobutadiene
Concen: 5.409 ng
RT: 11.110 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08



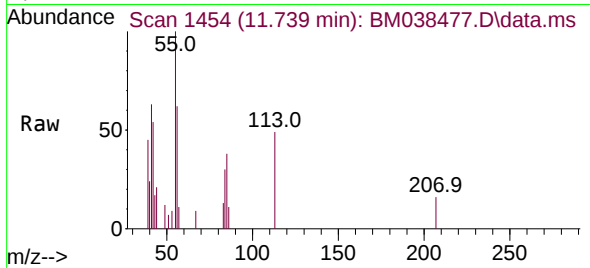
Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	49.8	74.8
227	62.8	49.6	74.4





#35
Caprolactam
Concen: 2.969 ng
RT: 11.739 min Scan# 1454
Delta R.T. -0.012 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

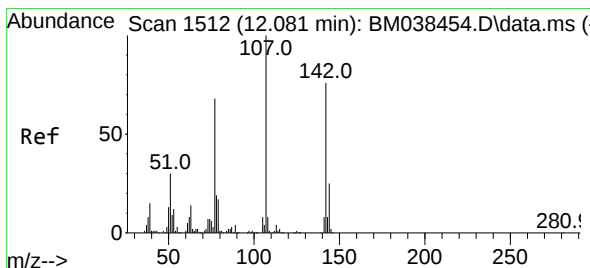
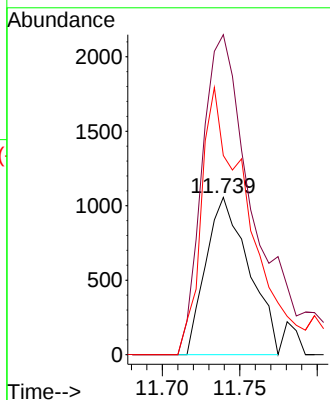
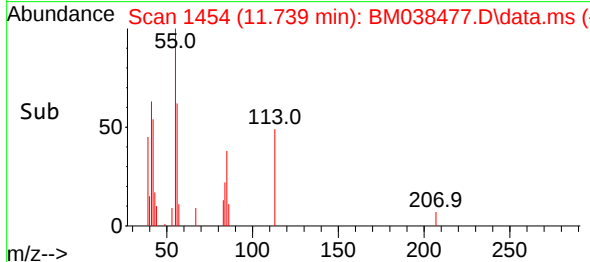
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



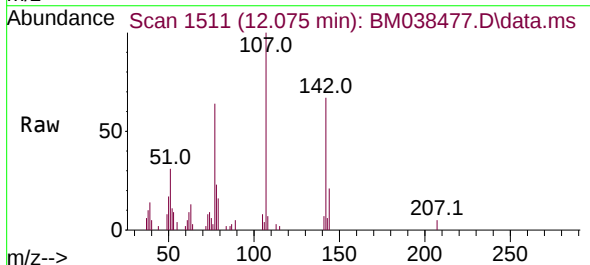
Tgt Ion:113 Resp: 2040
Ion Ratio Lower Upper
113 100
55 203.5 194.2 234.2
56 126.6 141.6 181.6

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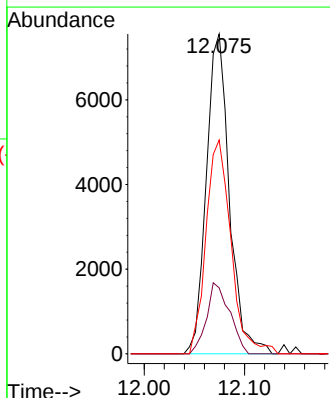
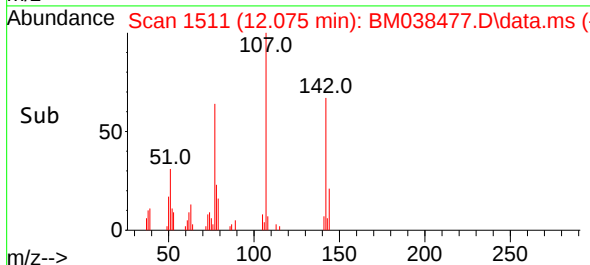
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

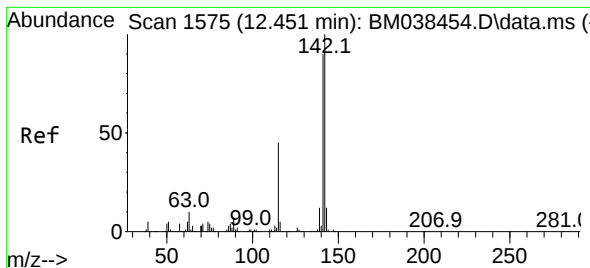


#36
4-Chloro-3-methylphenol
Concen: 4.562 ng
RT: 12.075 min Scan# 1511
Delta R.T. 0.000 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08



Tgt Ion:107 Resp: 12092
Ion Ratio Lower Upper
107 100
144 20.6 20.3 30.5
142 66.8 61.2 91.8





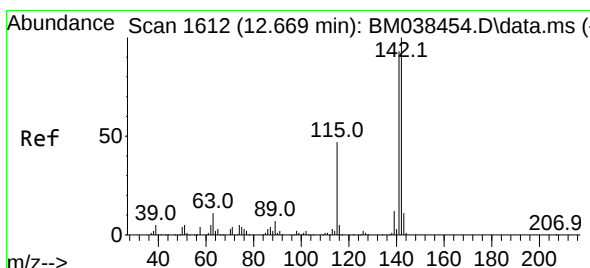
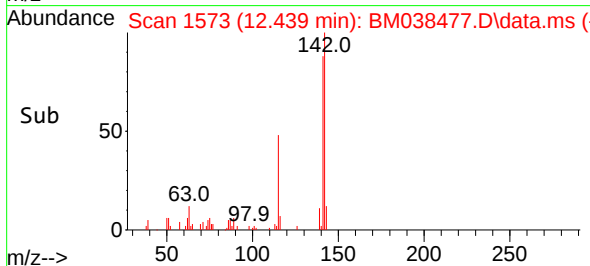
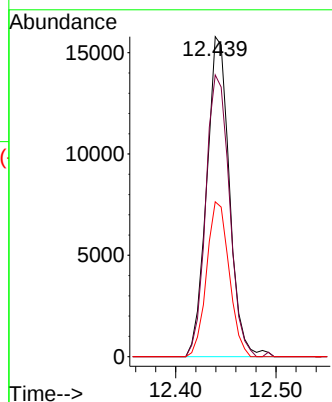
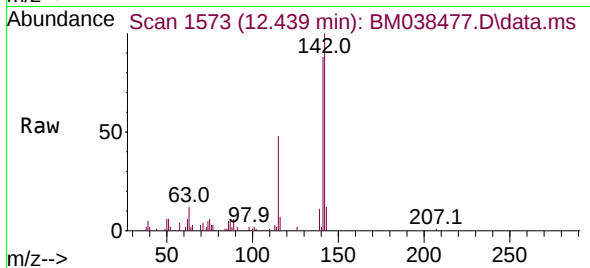
#37
2-Methylnaphthalene
Concen: 4.533 ng
RT: 12.439 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

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

Tgt Ion:142 Resp: 24933
Ion Ratio Lower Upper
142 100
141 88.0 72.0 108.0
115 48.4 35.9 53.9

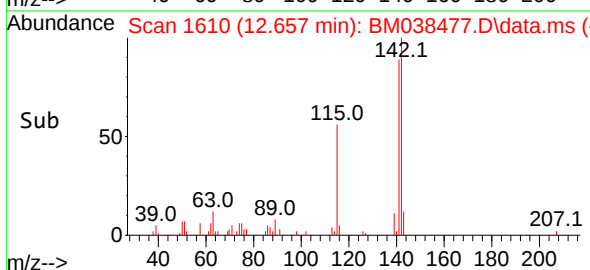
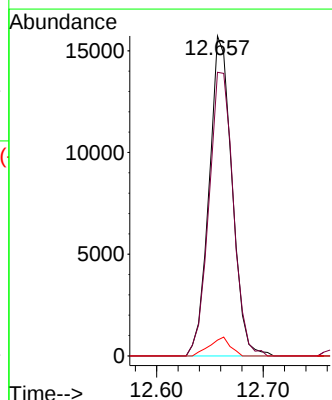
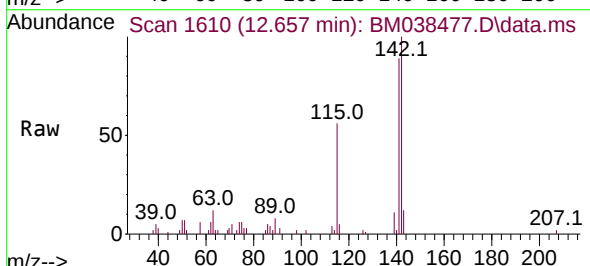
Manual Integrations
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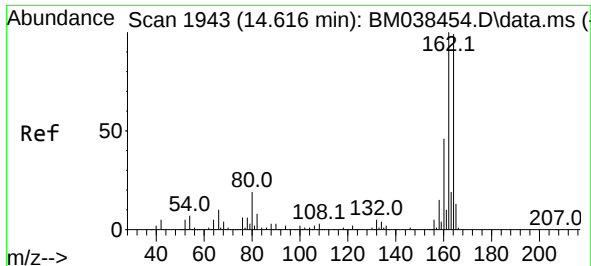
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#38
1-Methylnaphthalene
Concen: 4.551 ng
RT: 12.657 min Scan# 1610
Delta R.T. -0.006 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

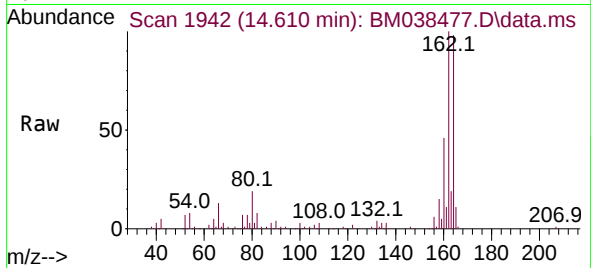
Tgt Ion:142 Resp: 23501
Ion Ratio Lower Upper
142 100
141 88.6 74.4 111.6
116 4.9 3.8 5.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

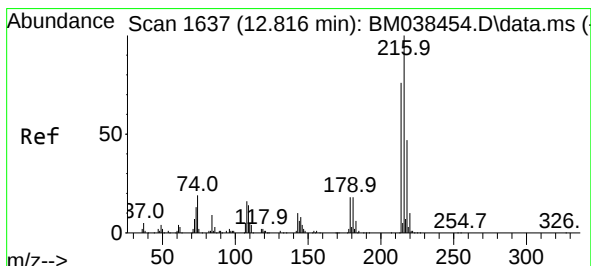
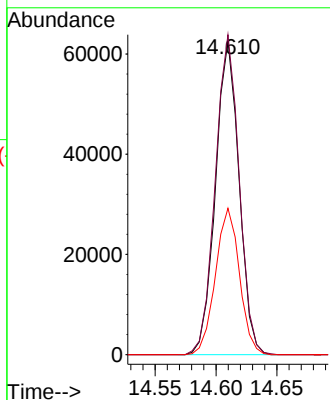
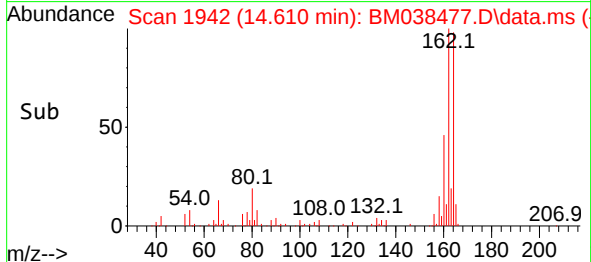
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



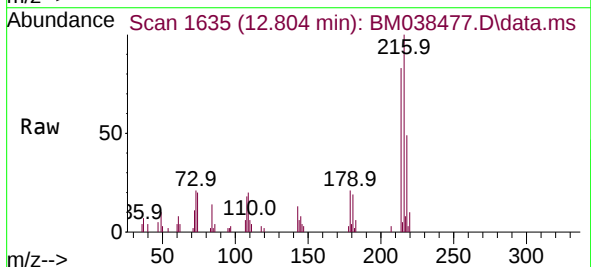
Tgt Ion:164 Resp: 84029
Ion Ratio Lower Upper
164 100
162 102.0 80.9 121.3
160 46.6 37.4 56.0

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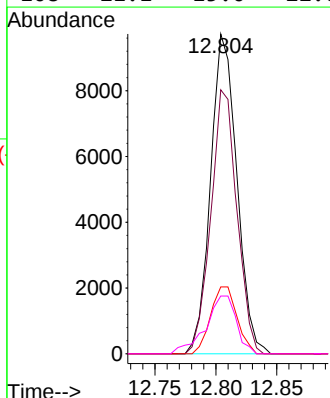
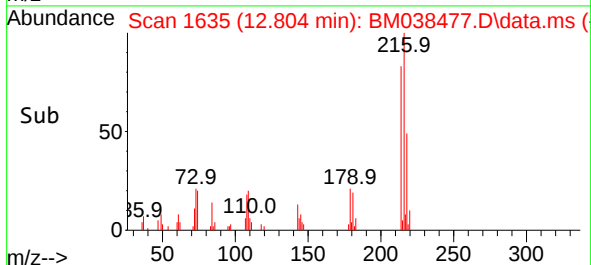
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

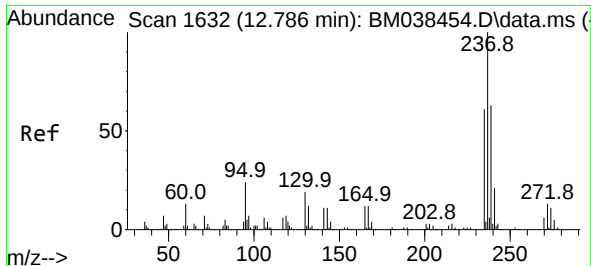


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.645 ng
RT: 12.804 min Scan# 1635
Delta R.T. -0.006 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08



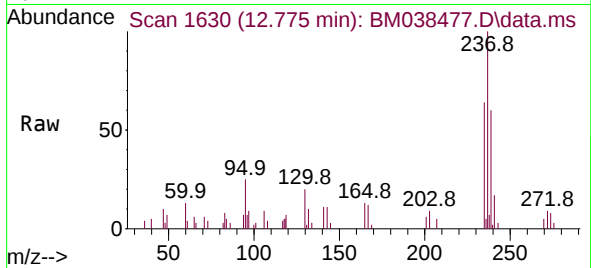
Tgt Ion:216 Resp: 14608
Ion Ratio Lower Upper
216 100
214 81.6 61.4 92.0
179 21.0 15.3 22.9
108 21.1 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 5.059 ng
RT: 12.775 min Scan# 1630
Delta R.T. -0.006 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

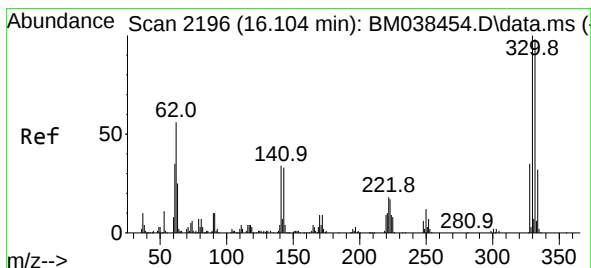
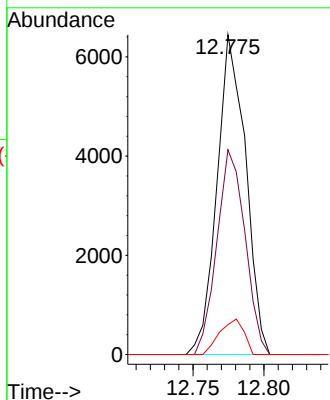
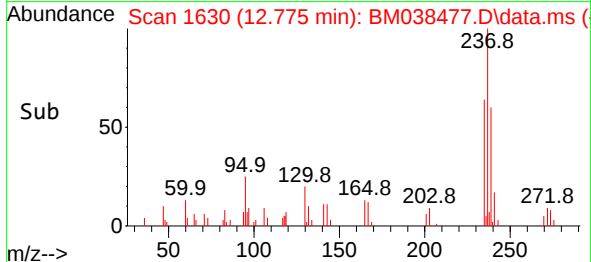
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



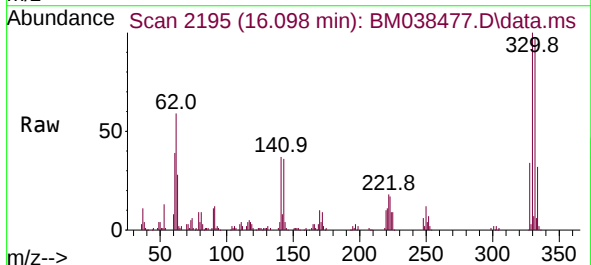
Tgt Ion: 237 Resp: 9046
Ion Ratio Lower Upper
237 100
235 64.0 40.9 80.9
272 9.4 0.0 32.6

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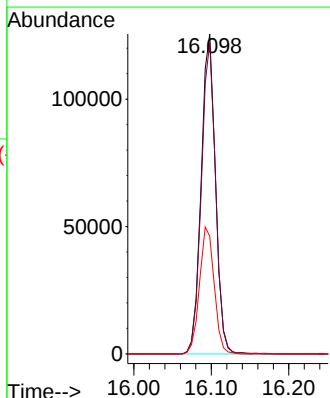
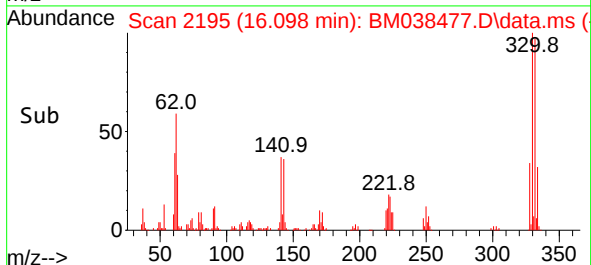
Reviewed By : Christian Giraldo 01/19/2023
Supervised By : Jagrut Upadhyay 01/19/2023

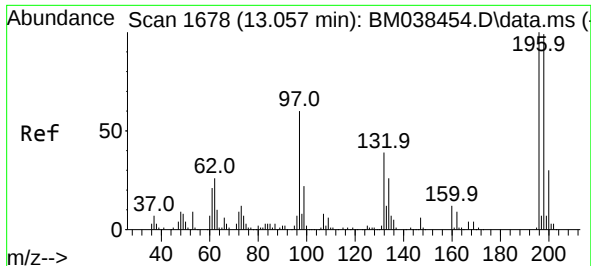


#42
2,4,6-Tribromophenol
Concen: 113.121 ng
RT: 16.098 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08



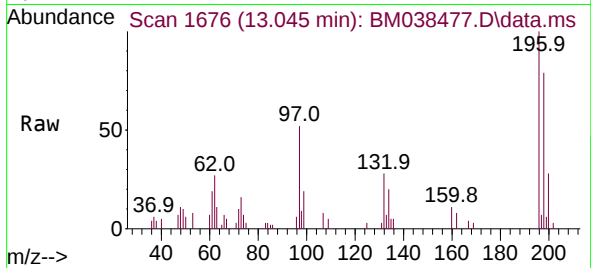
Tgt Ion: 330 Resp: 160690
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.4
141 40.8 28.1 42.1





#43
2,4,6-Trichlorophenol
Concen: 5.005 ng
RT: 13.045 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

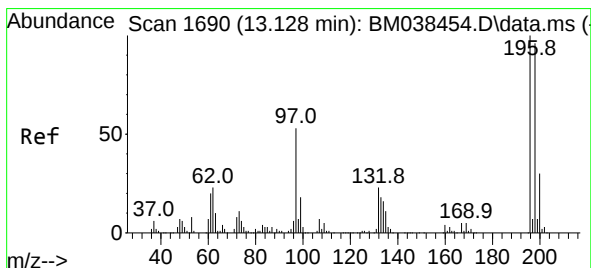
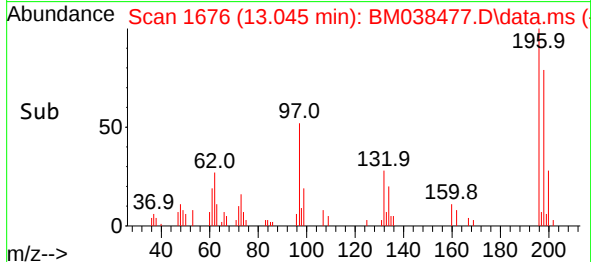
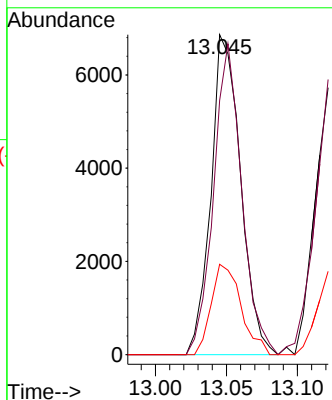
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:196 Resp: 9950
Ion Ratio Lower Upper
196 100
198 79.4 78.8 118.2
200 28.2 24.4 36.6

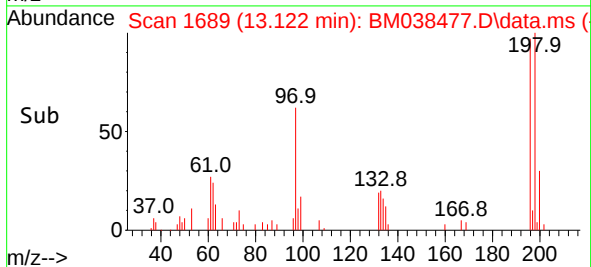
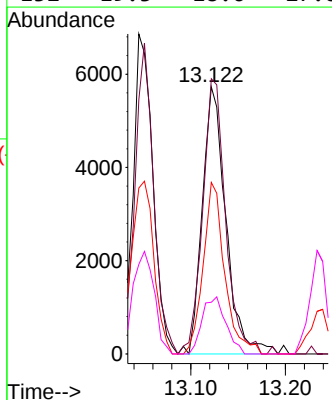
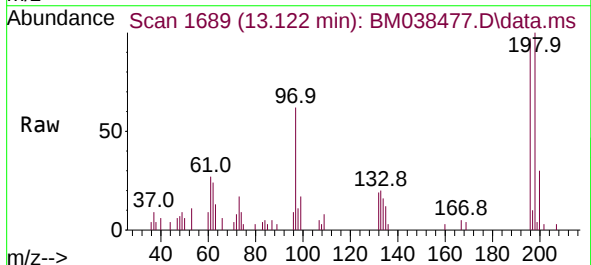
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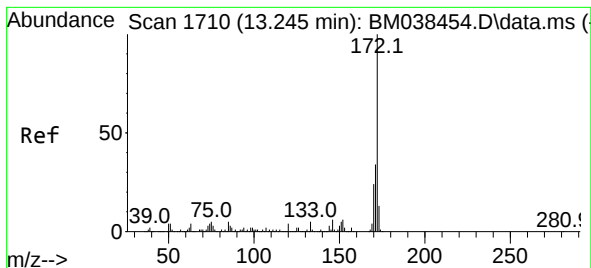
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#44
2,4,5-Trichlorophenol
Concen: 4.223 ng
RT: 13.122 min Scan# 1689
Delta R.T. 0.000 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

Tgt Ion:196 Resp: 9898
Ion Ratio Lower Upper
196 100
198 103.1 77.4 116.2
97 64.2 42.4 63.6#
132 19.3 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 77.409 ng

RT: 13.233 min Scan# 1708

Delta R.T. -0.006 min

Lab File: BM038477.D

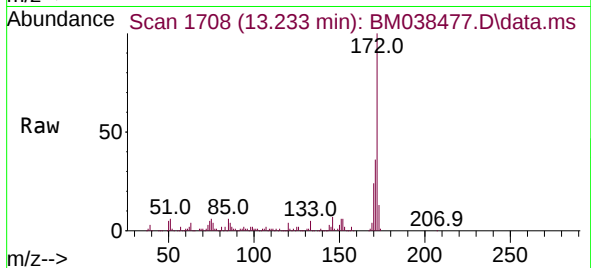
Acq: 18 Jan 2023 13:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022



Tgt Ion:172 Resp: 521579

Ion Ratio Lower Upper

172 100

171 35.6 27.5 41.3

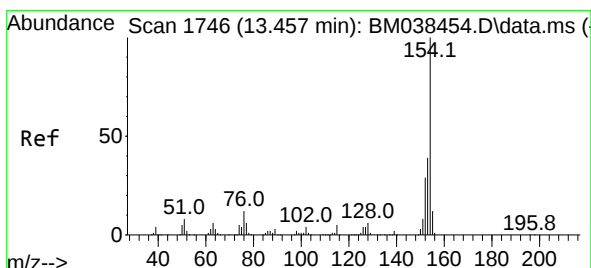
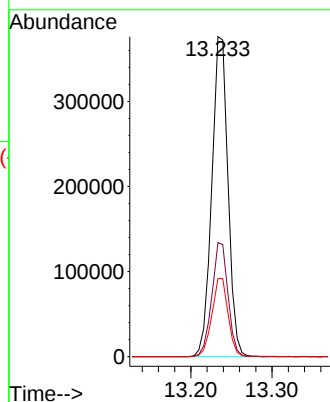
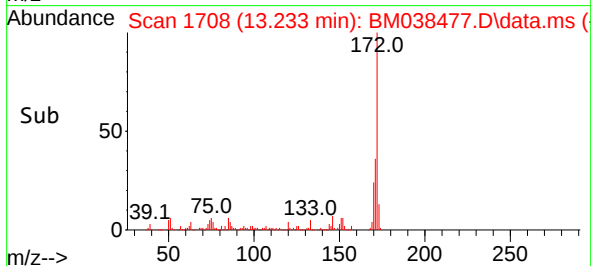
170 24.4 19.0 28.6

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Reviewed By :Christian Giraldo 01/19/2023

Supervised By :Jagrut Upadhyay 01/19/2023



#46

1,1'-Biphenyl

Concen: 4.909 ng

RT: 13.445 min Scan# 1744

Delta R.T. 0.000 min

Lab File: BM038477.D

Acq: 18 Jan 2023 13:08

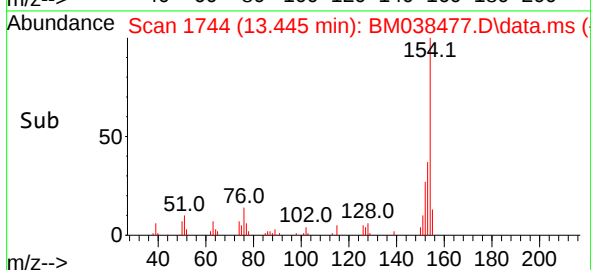
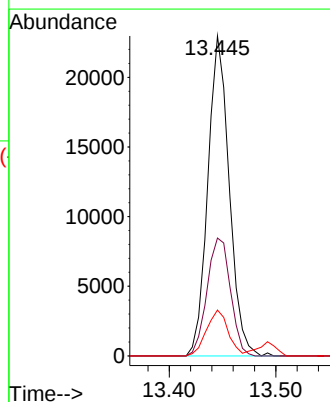
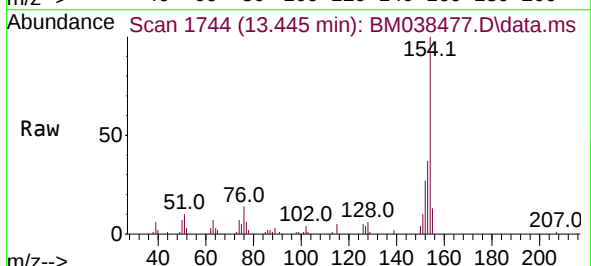
Tgt Ion:154 Resp: 32005

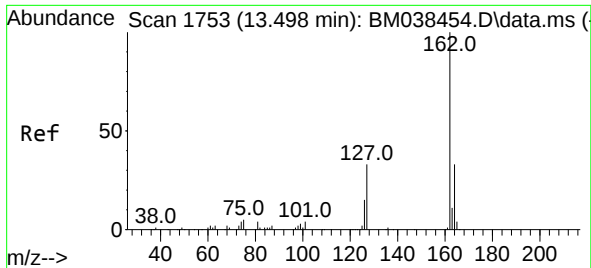
Ion Ratio Lower Upper

154 100

153 36.8 19.3 59.3

76 14.3 0.0 32.2





#47

2-Chloronaphthalene

Concen: 5.479 ng

RT: 13.492 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM038477.D

Acq: 18 Jan 2023 13:08

Instrument :

BNA_M

ClientSampleId :

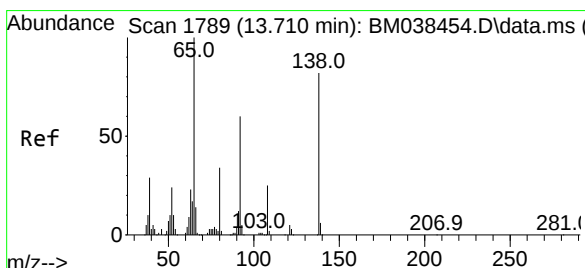
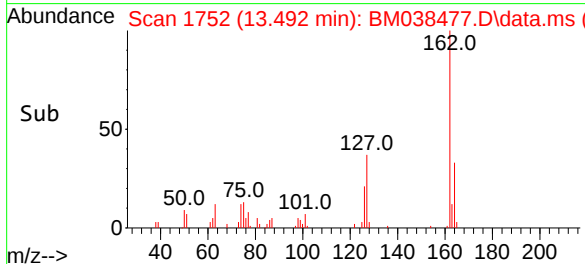
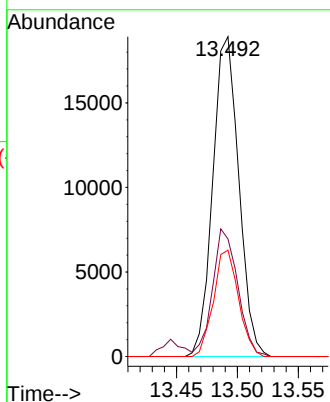
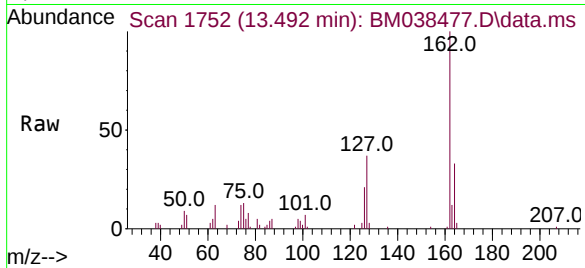
LOQ-WATER-02-QT3-2022

Tgt Ion:	162	Resp:	2811
Ion Ratio	Lower	Upper	
162	100		
127	36.8	29.5	44.3
164	33.3	26.2	39.4

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



#48

2-Nitroaniline

Concen: 6.195 ng

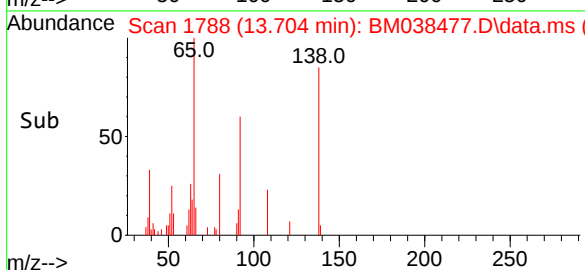
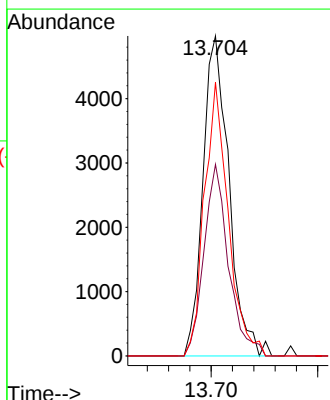
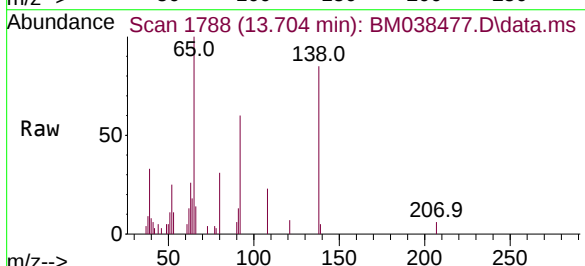
RT: 13.704 min Scan# 1788

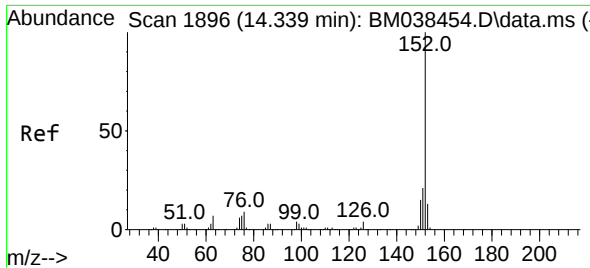
Delta R.T. 0.000 min

Lab File: BM038477.D

Acq: 18 Jan 2023 13:08

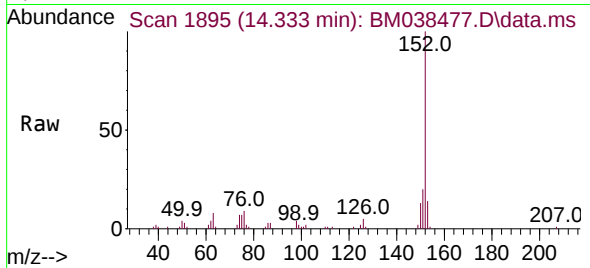
Tgt Ion:	65	Resp:	8398
Ion Ratio	Lower	Upper	
65	100		
92	59.8	47.6	71.4
138	85.5	65.8	98.8





#49
Acenaphthylene
Concen: 4.757 ng
RT: 14.333 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

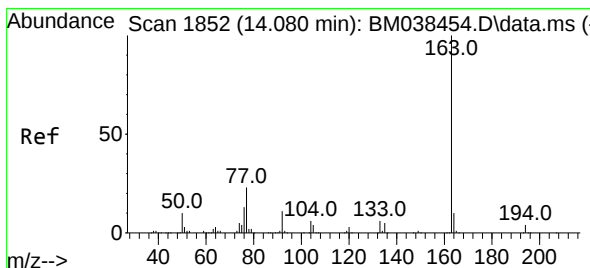
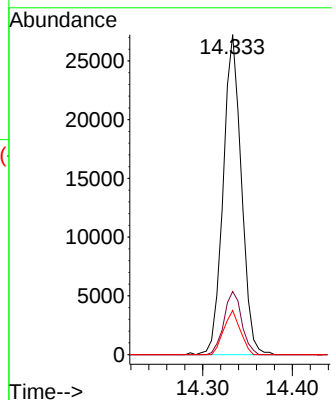
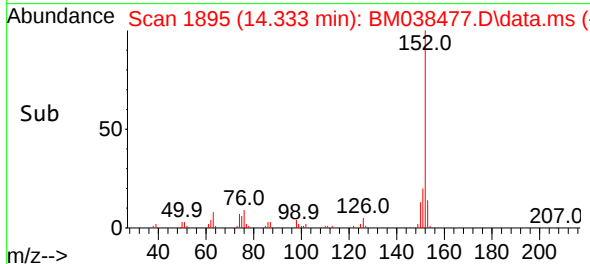
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



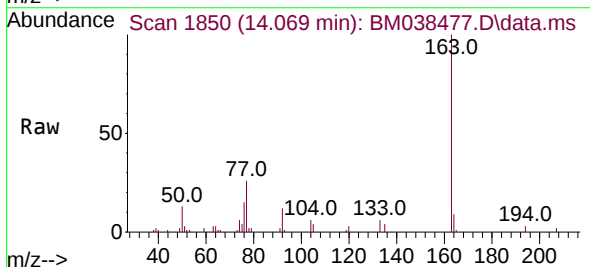
Tgt Ion:152 Resp: 38482
Ion Ratio Lower Upper
152 100
151 19.8 16.4 24.6
153 13.8 10.6 15.8

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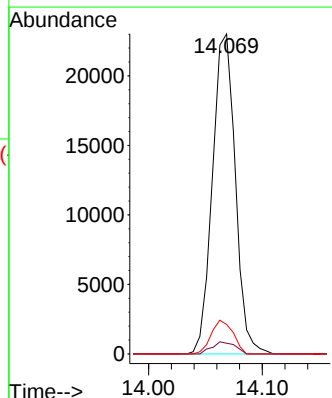
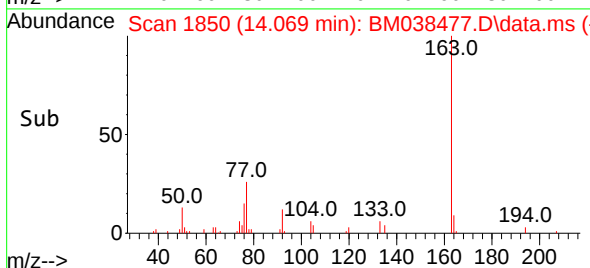
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

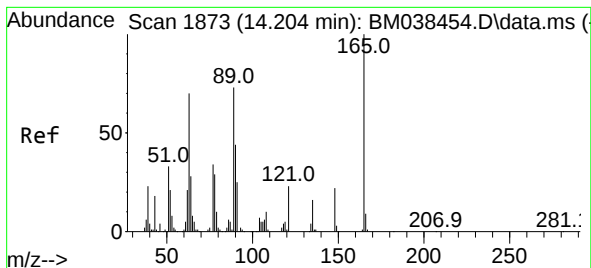


#50
Dimethylphthalate
Concen: 4.731 ng
RT: 14.069 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08



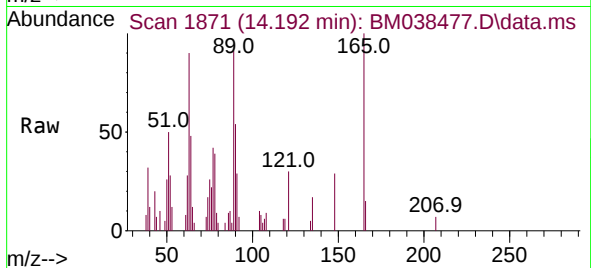
Tgt Ion:163 Resp: 32220
Ion Ratio Lower Upper
163 100
194 3.3 3.6 5.4#
164 9.2 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 3.842 ng
RT: 14.192 min Scan# 1873
Delta R.T. -0.006 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

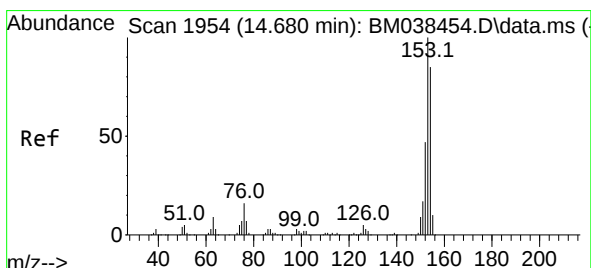
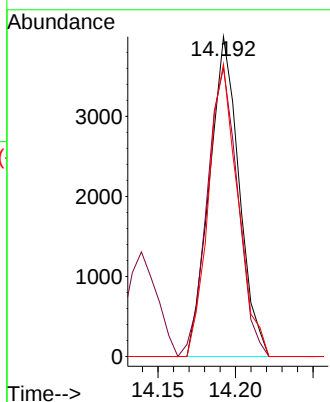
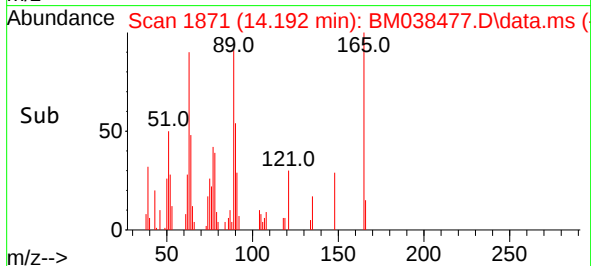
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:165 Resp: 5323
Ion Ratio Lower Upper
165 100
63 90.3 60.9 91.3
89 91.4 58.6 87.8

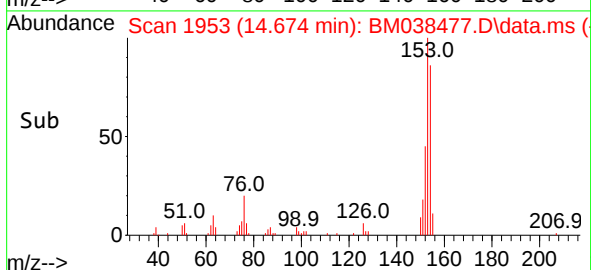
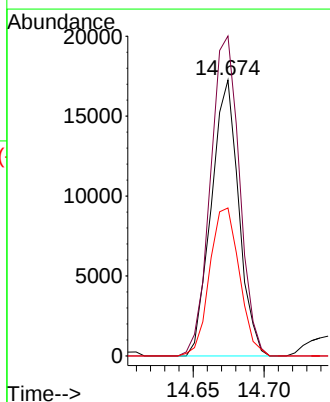
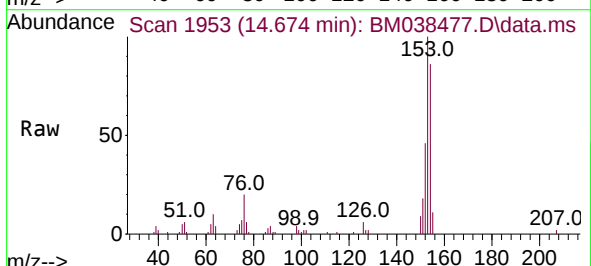
Manual Integrations
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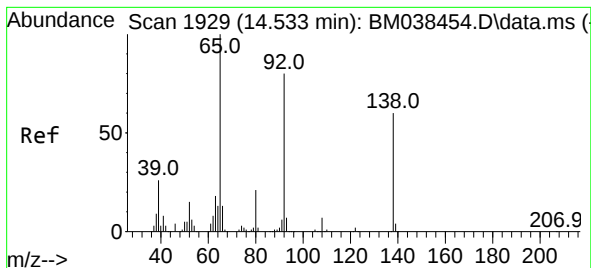
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#52
Acenaphthene
Concen: 4.721 ng
RT: 14.674 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

Tgt Ion:154 Resp: 23207
Ion Ratio Lower Upper
154 100
153 116.0 93.8 140.6
152 53.6 44.2 66.4





#53

3-Nitroaniline

Concen: 5.601 ng

RT: 14.527 min Scan# 1929

Delta R.T. 0.000 min

Lab File: BM038477.D

Acq: 18 Jan 2023 13:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

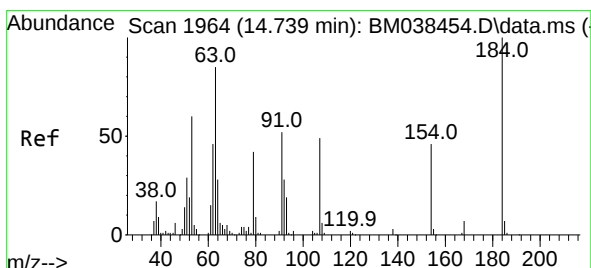
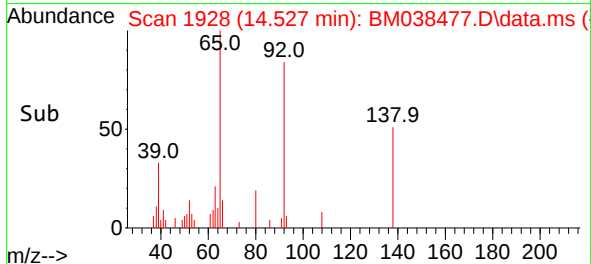
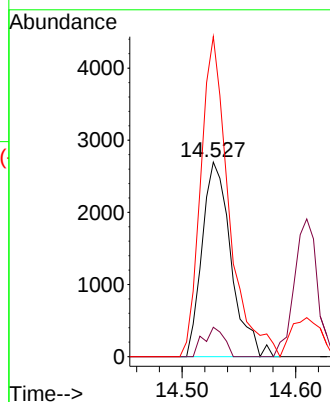
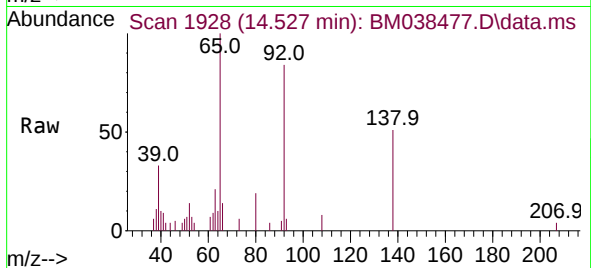
Tgt Ion:138 Resp: 4764

Ion	Ratio	Lower	Upper
138	100		
108	15.1	8.9	13.3
92	164.5	106.4	159.6

Manual Integrations

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



#54

2,4-Dinitrophenol

Concen: 7.960 ng

RT: 14.739 min Scan# 1964

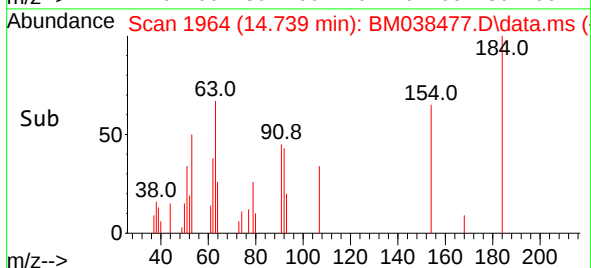
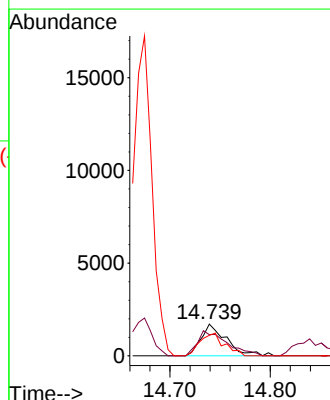
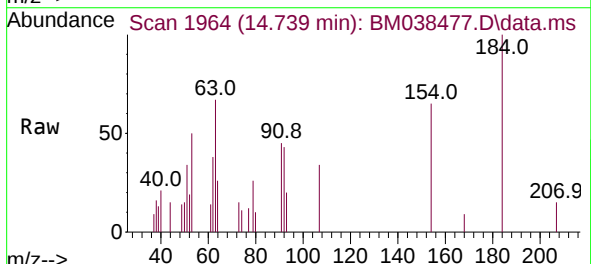
Delta R.T. 0.006 min

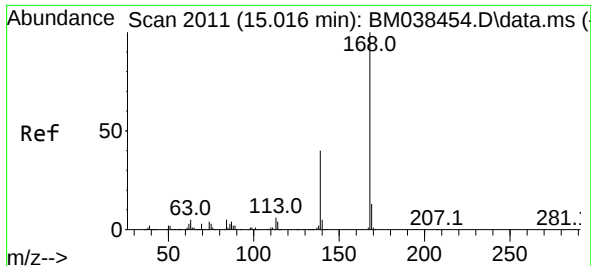
Lab File: BM038477.D

Acq: 18 Jan 2023 13:08

Tgt Ion:184 Resp: 3020

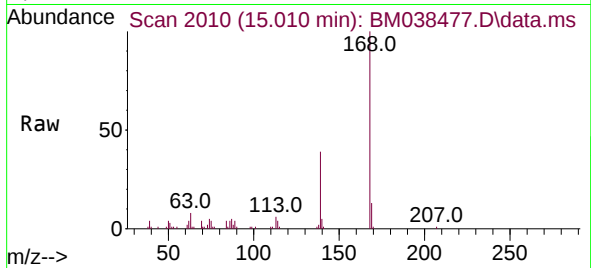
Ion	Ratio	Lower	Upper
184	100		
63	66.9	70.0	105.0
154	64.9	55.6	83.4





#55
Dibenzofuran
Concen: 4.972 ng
RT: 15.010 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

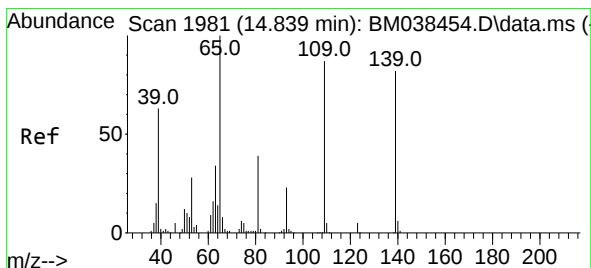
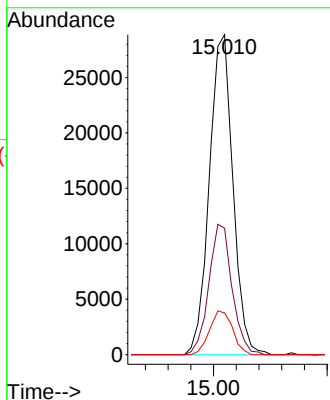
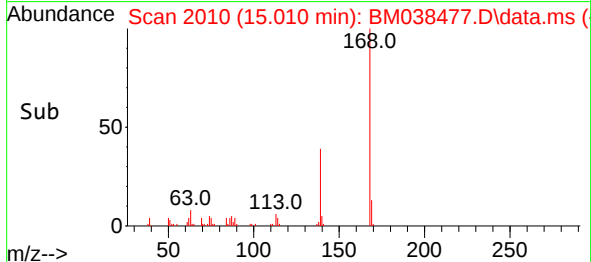
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:168 Resp: 41620
Ion Ratio Lower Upper
168 100
139 39.5 31.9 47.9
169 13.0 10.5 15.7

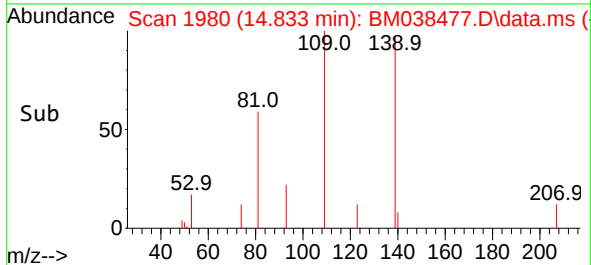
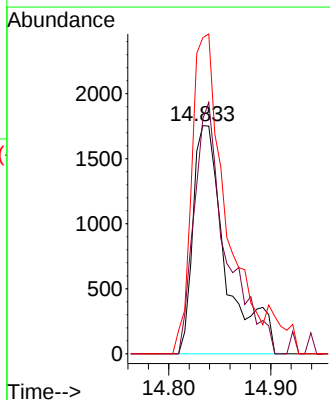
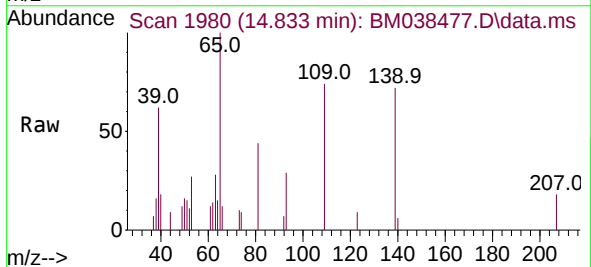
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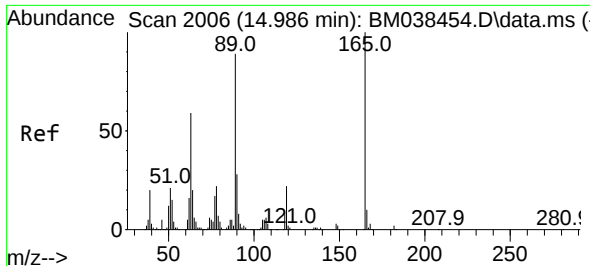
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#56
4-Nitrophenol
Concen: 6.887 ng m
RT: 14.833 min Scan# 1980
Delta R.T. 0.006 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

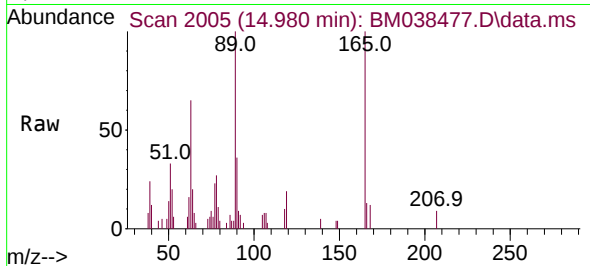
Tgt Ion:139 Resp: 3912
Ion Ratio Lower Upper
139 100
109 103.0 86.0 126.0
65 138.5 102.7 142.7





#57
2,4-Dinitrotoluene
Concen: 4.003 ng
RT: 14.980 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

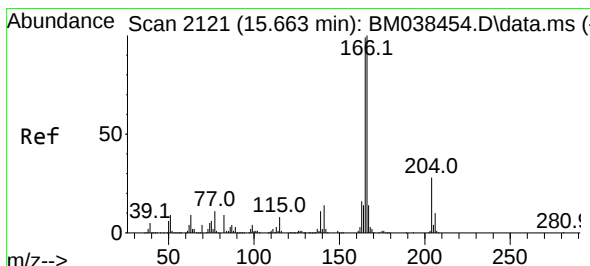
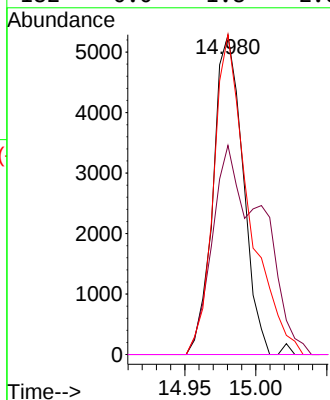
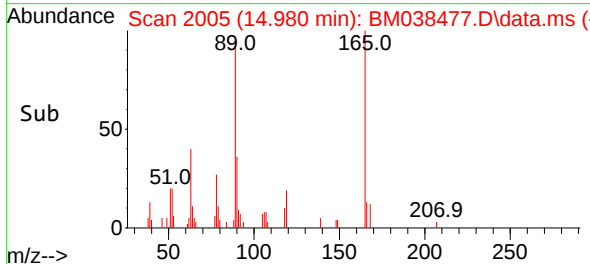
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:165 Resp: 7709
Ion Ratio Lower Upper
165 100
63 65.5 47.7 71.5
89 100.2 71.5 107.3
182 0.0 1.8 2.6#

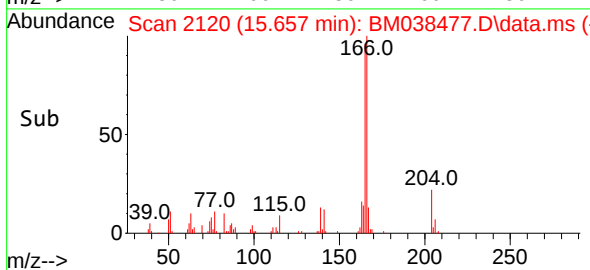
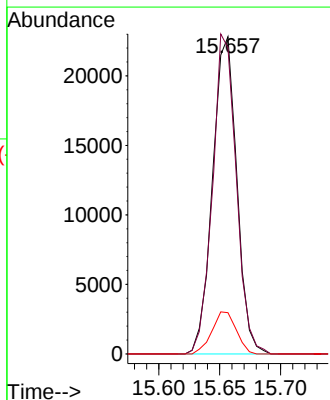
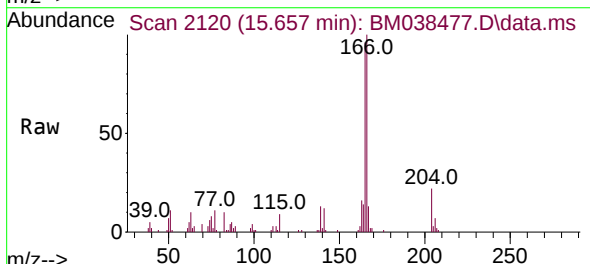
Manual Integrations
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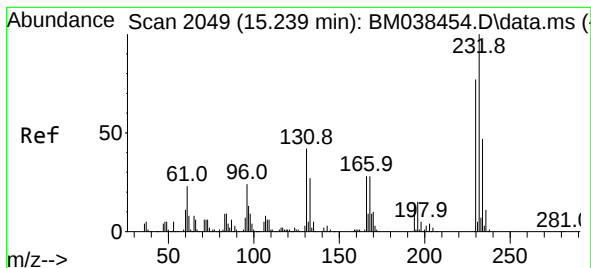
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#58
Fluorene
Concen: 4.520 ng
RT: 15.657 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

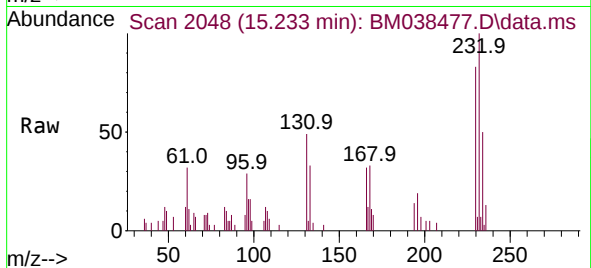
Tgt Ion:166 Resp: 31613
Ion Ratio Lower Upper
166 100
165 96.5 79.2 118.8
167 13.0 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 4.124 ng
RT: 15.233 min Scan# 2048
Delta R.T. 0.000 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

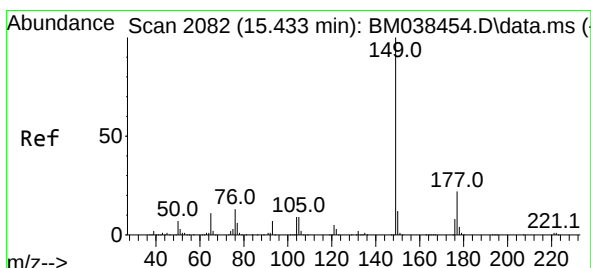
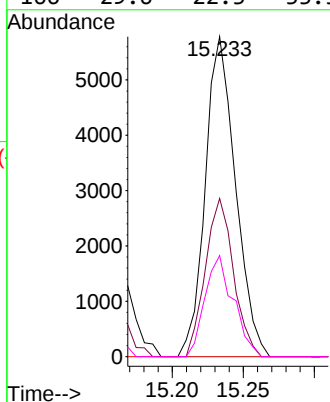
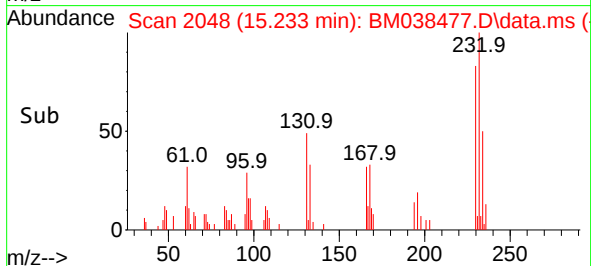
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



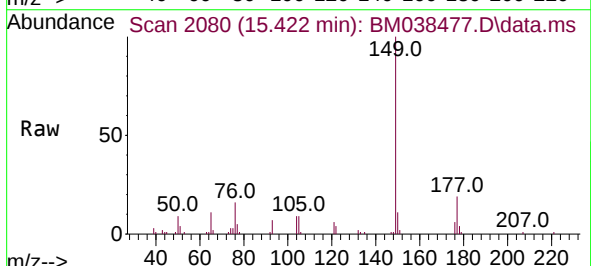
Tgt Ion:232 Resp: 8571
Ion Ratio Lower Upper
232 100
131 45.9 33.8 50.6
130 0.0 1.9 2.9
166 29.6 22.3 33.5

Manual Integrations
APPROVED

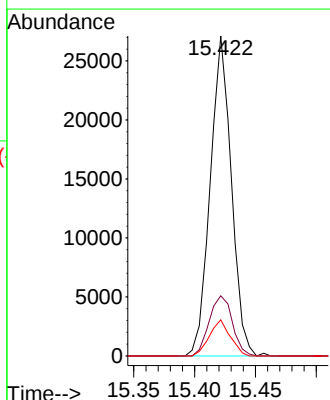
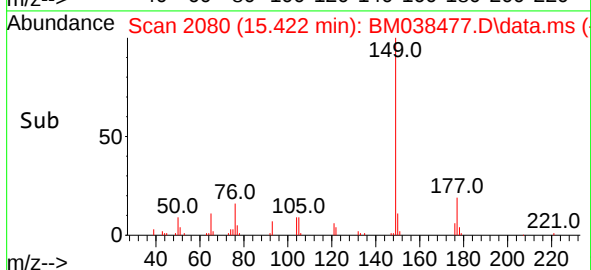
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

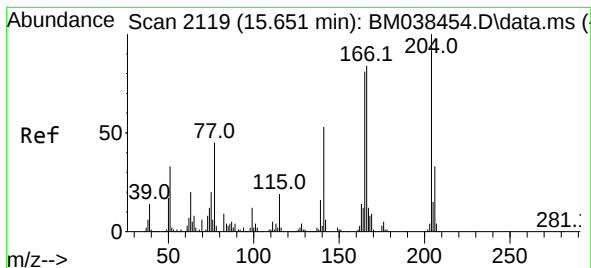


#60
Diethylphthalate
Concen: 4.683 ng
RT: 15.422 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08



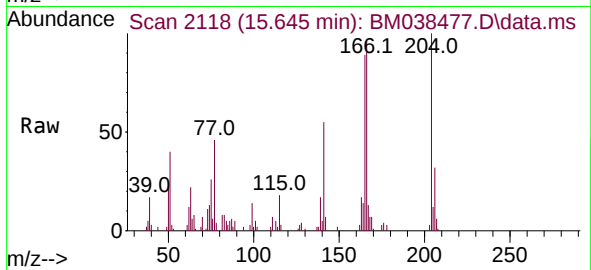
Tgt Ion:149 Resp: 32715
Ion Ratio Lower Upper
149 100
177 18.8 17.8 26.6
150 11.3 9.5 14.3





#61
4-Chlorophenyl-phenylether
Concen: 4.525 ng
RT: 15.645 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

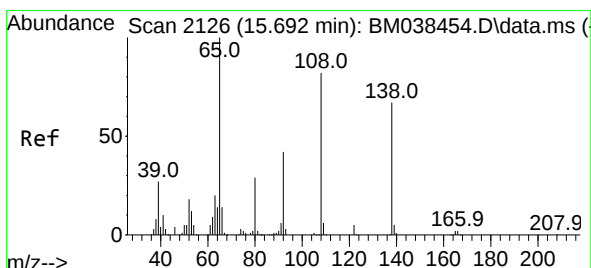
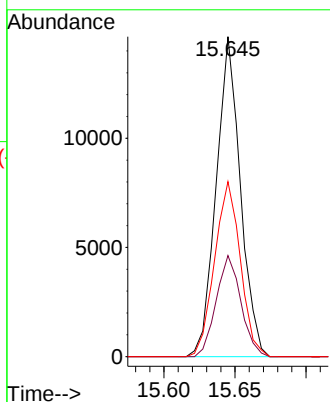
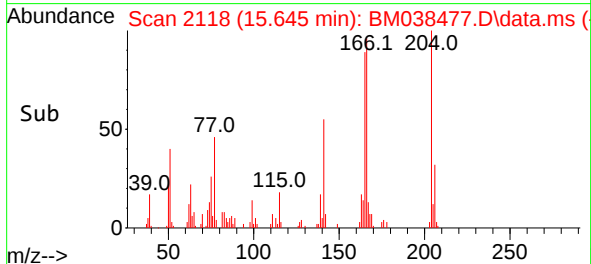
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:204 Resp: 17370
Ion Ratio Lower Upper
204 100
206 31.6 26.2 39.4
141 54.7 42.5 63.7

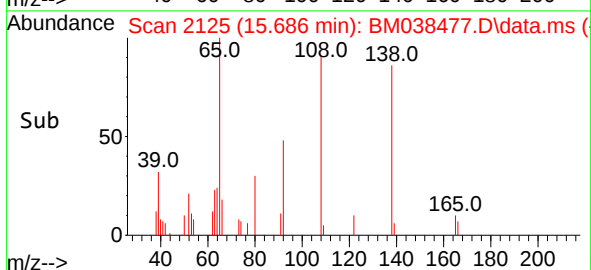
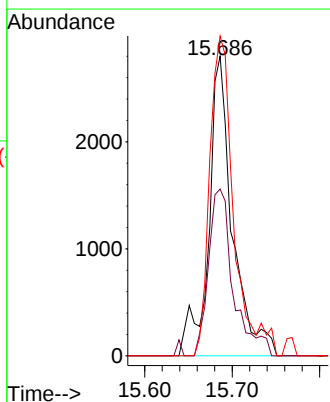
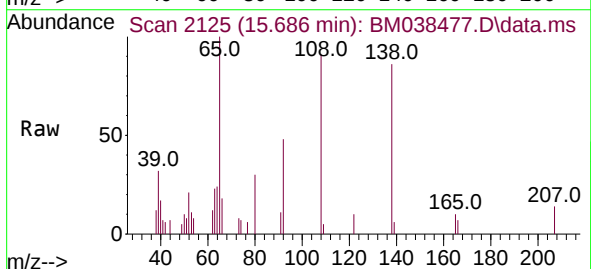
Manual Integrations
APPROVED

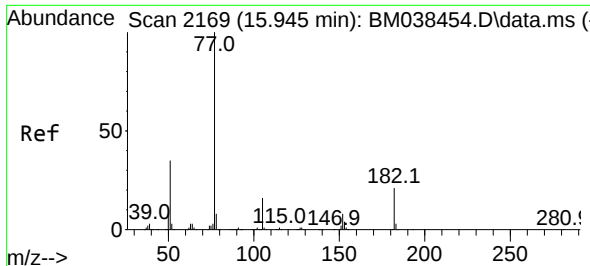
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#62
4-Nitroaniline
Concen: 5.983 ng m
RT: 15.686 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

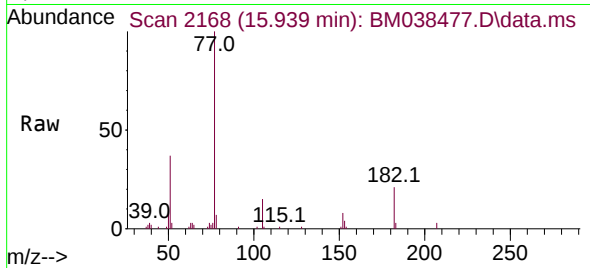
Tgt Ion:138 Resp: 5269
Ion Ratio Lower Upper
138 100
92 55.6 42.1 82.1
108 106.7 102.5 142.5





#63
Azobenzene
Concen: 4.805 ng
RT: 15.939 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

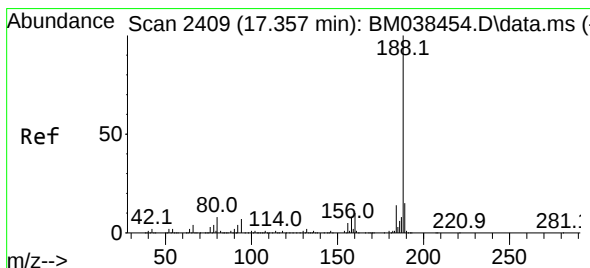
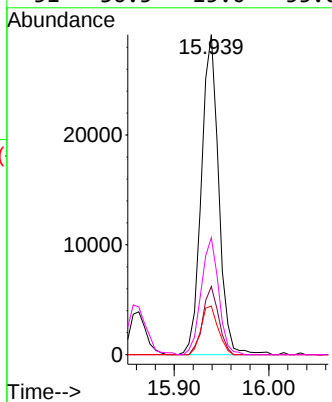
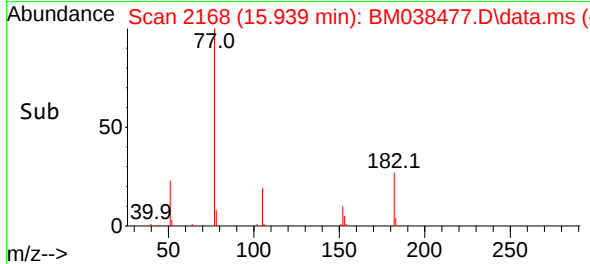
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 77 Resp: 36936
Ion Ratio Lower Upper
77 100
182 21.3 1.1 41.1
105 15.2 0.0 36.4
51 36.5 15.0 55.0

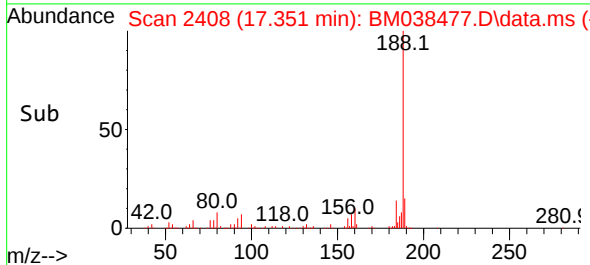
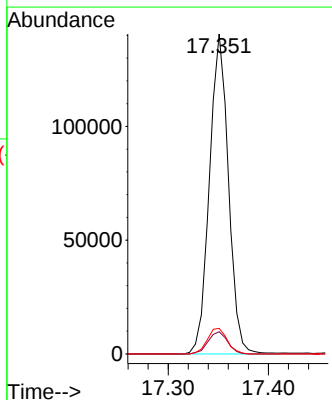
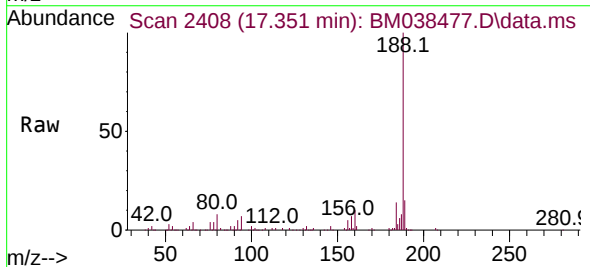
Manual Integrations
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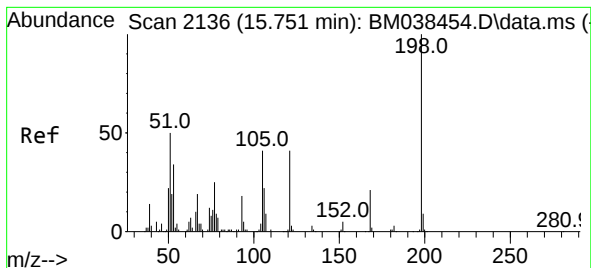
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

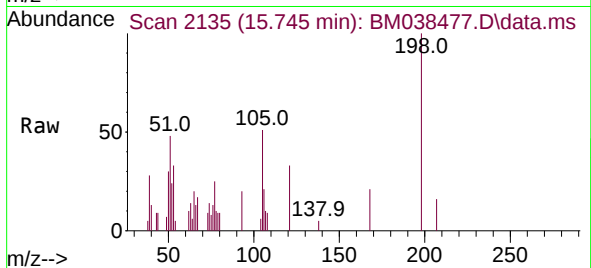
Tgt Ion:188 Resp: 185062
Ion Ratio Lower Upper
188 100
94 6.9 5.4 8.0
80 8.0 6.5 9.7





#65
4,6-Dinitro-2-methylphenol
Concen: 3.455 ng
RT: 15.745 min Scan# 2135
Delta R.T. 0.006 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

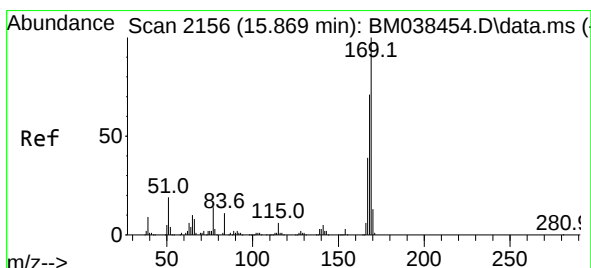
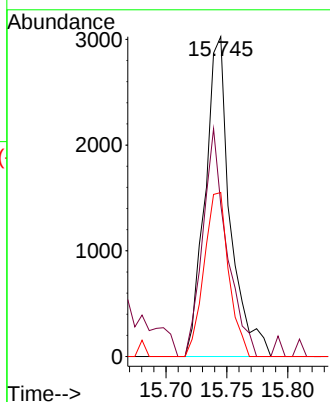
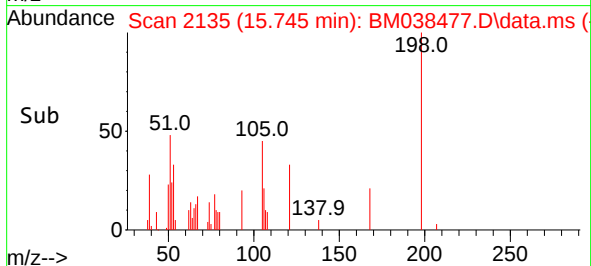
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



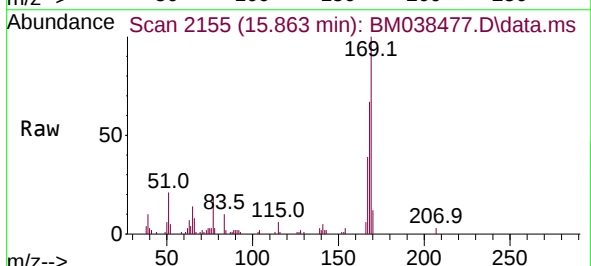
Tgt Ion:198 Resp: 4339
Ion Ratio Lower Upper
198 100
51 47.5 31.6 71.6
105 51.3 21.5 61.5

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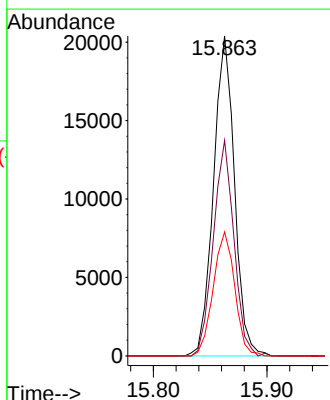
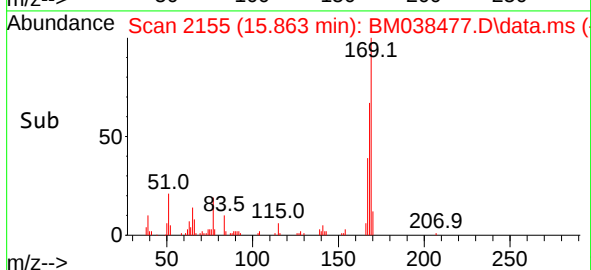
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

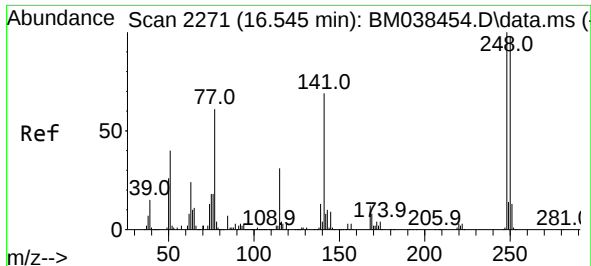


#66
n-Nitrosodiphenylamine
Concen: 4.811 ng
RT: 15.863 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08



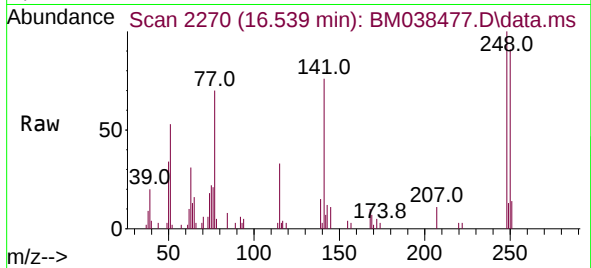
Tgt Ion:169 Resp: 26124
Ion Ratio Lower Upper
169 100
168 67.3 56.6 85.0
167 38.7 31.1 46.7





#67
4-Bromophenyl-phenylether
Concen: 4.652 ng
RT: 16.539 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

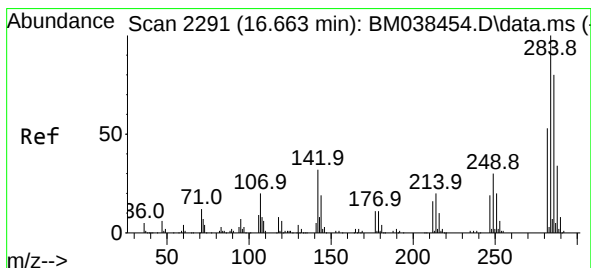
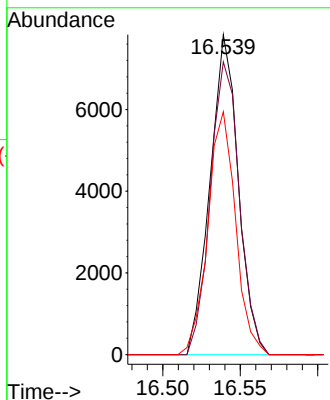
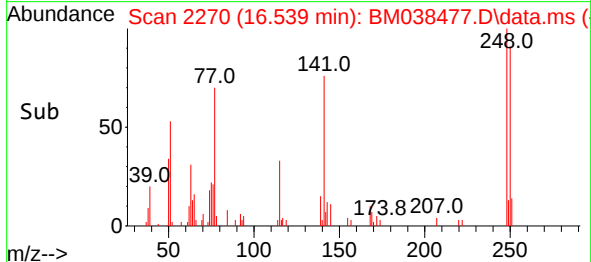
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022



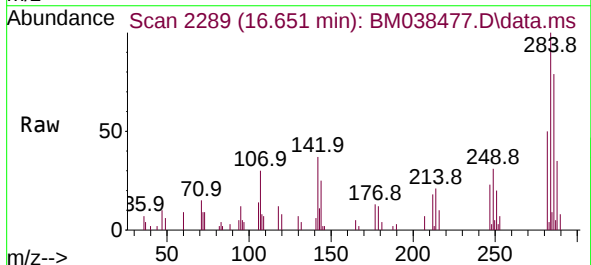
Tgt Ion:248 Resp: 9958
Ion Ratio Lower Upper
248 100
250 91.5 78.3 117.5
141 75.9 55.1 82.7

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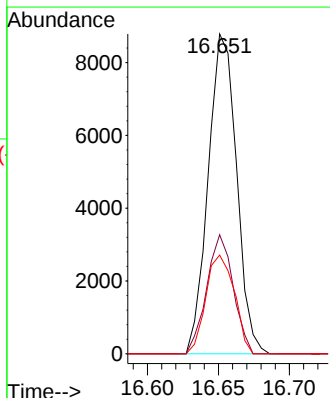
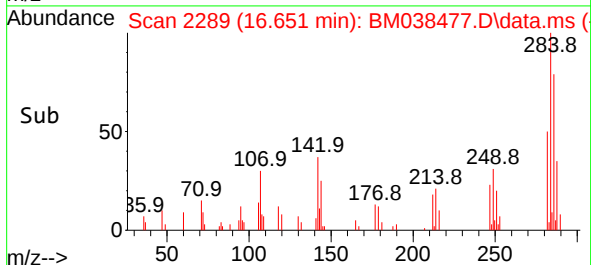
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

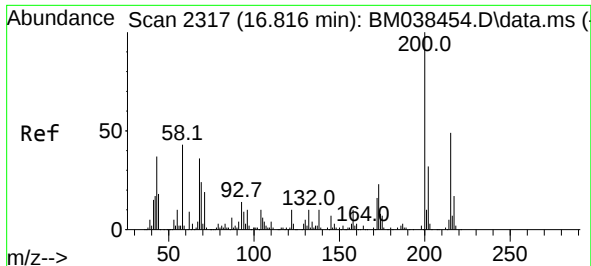


#68
Hexachlorobenzene
Concen: 5.105 ng
RT: 16.651 min Scan# 2289
Delta R.T. -0.006 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08



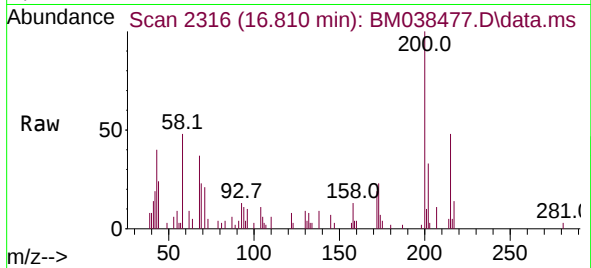
Tgt Ion:284 Resp: 12238
Ion Ratio Lower Upper
284 100
142 37.2 26.0 39.0
249 35.8 23.8 35.8#





#69
 Atrazine
 Concen: 4.484 ng
 RT: 16.810 min Scan# 2317
 Delta R.T. 0.000 min
 Lab File: BM038477.D
 Acq: 18 Jan 2023 13:08

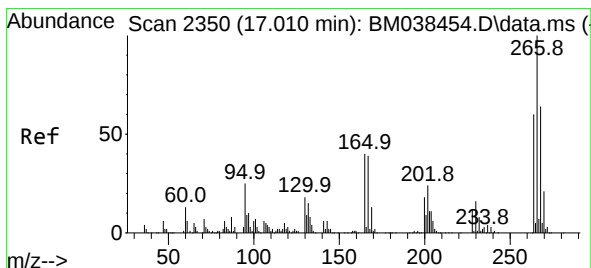
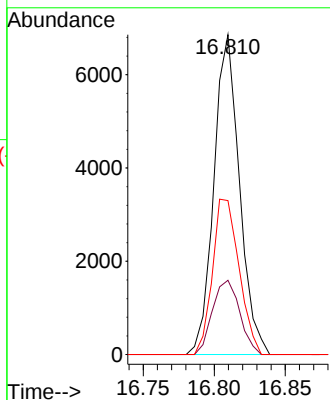
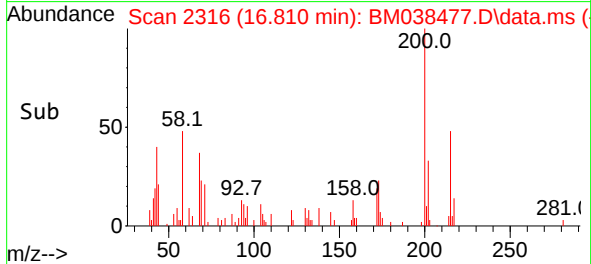
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2022



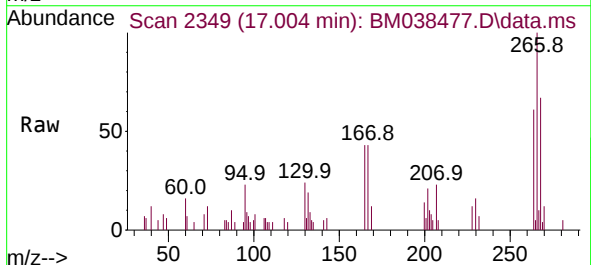
Tgt Ion:200 Resp: 8610
 Ion Ratio Lower Upper
 200 100
 173 23.2 3.4 43.4
 215 48.1 29.3 69.3

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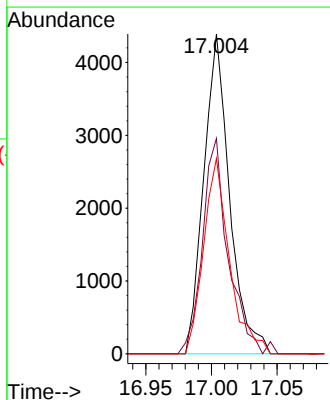
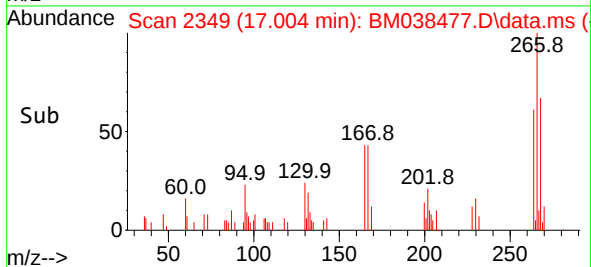
Reviewed By :Christian Giraldo 01/19/2023
 Supervised By :Jagrut Upadhyay 01/19/2023

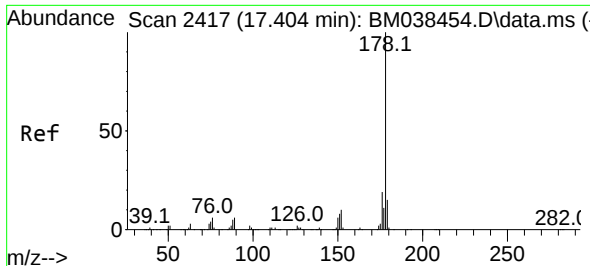


#70
 Pentachlorophenol
 Concen: 3.436 ng
 RT: 17.004 min Scan# 2349
 Delta R.T. 0.006 min
 Lab File: BM038477.D
 Acq: 18 Jan 2023 13:08



Tgt Ion:266 Resp: 6013
 Ion Ratio Lower Upper
 266 100
 268 67.3 51.4 77.0
 264 61.1 48.2 72.2





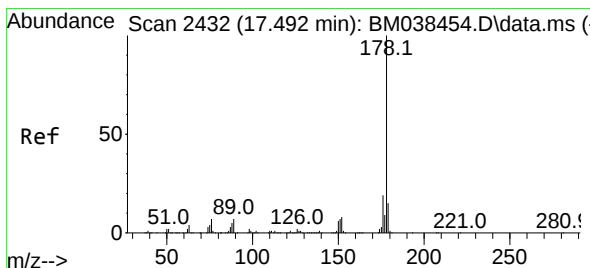
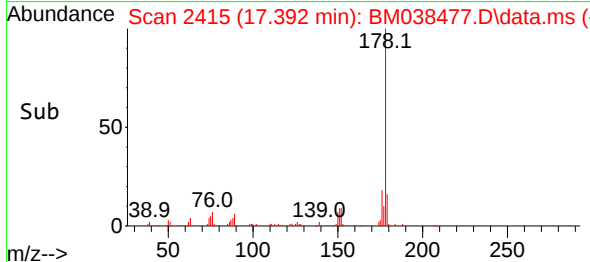
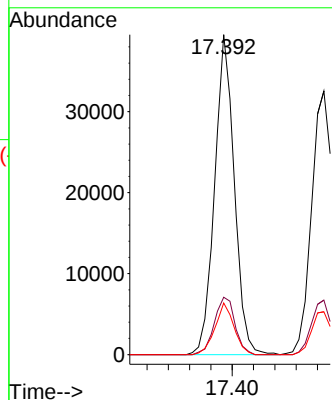
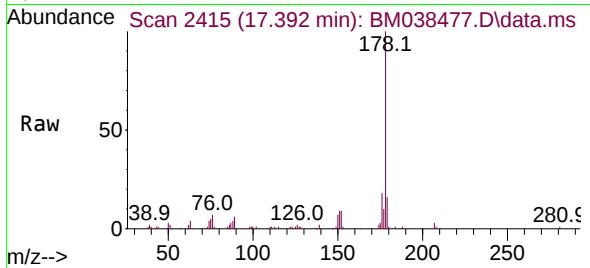
#71
Phenanthrene
Concen: 4.956 ng
RT: 17.392 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

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

Tgt Ion:178 Resp: 5073
Ion Ratio Lower Upper
178 100
176 18.0 15.4 23.0
179 16.1 12.1 18.1

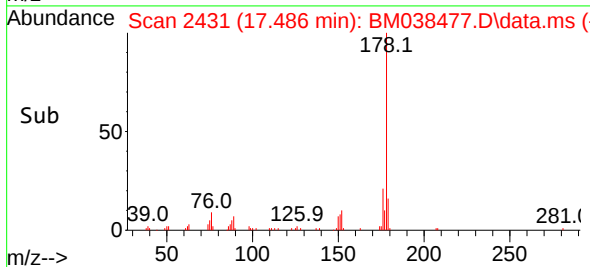
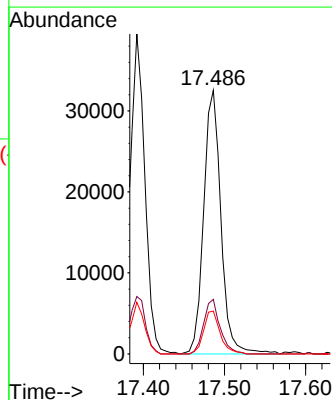
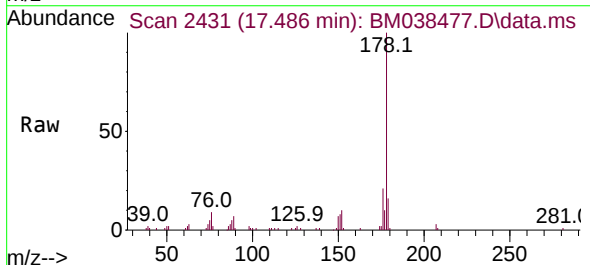
Manual Integrations
APPROVED

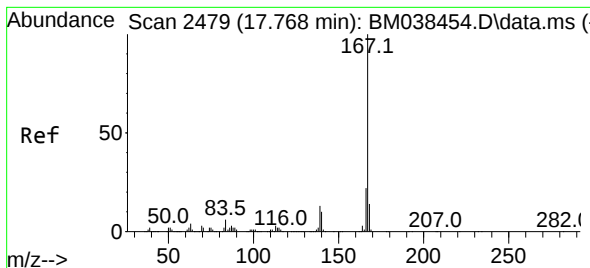
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#72
Anthracene
Concen: 4.580 ng
RT: 17.486 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

Tgt Ion:178 Resp: 48197
Ion Ratio Lower Upper
178 100
176 20.7 15.0 22.6
179 16.3 12.2 18.2





#73

Carbazole

Concen: 4.507 ng

RT: 17.757 min Scan# 2479

Delta R.T. 0.000 min

Lab File: BM038477.D

Acq: 18 Jan 2023 13:08

Instrument :

BNA_M

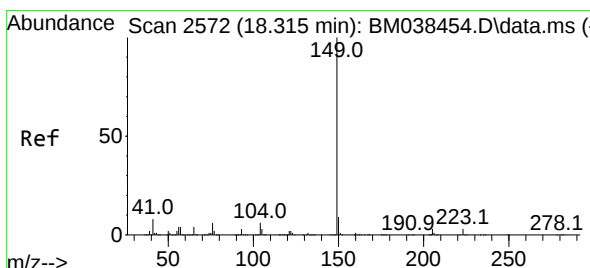
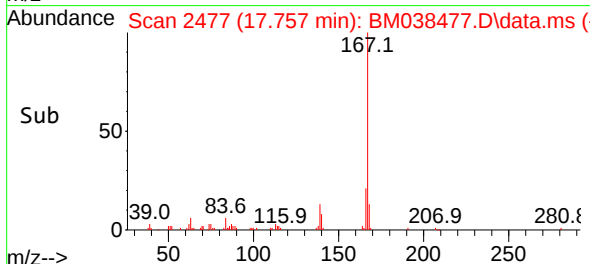
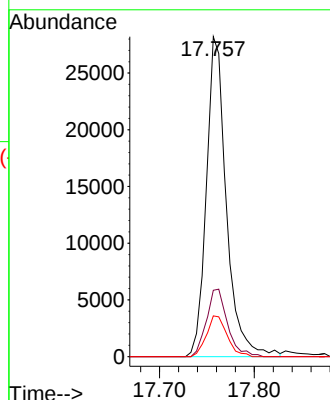
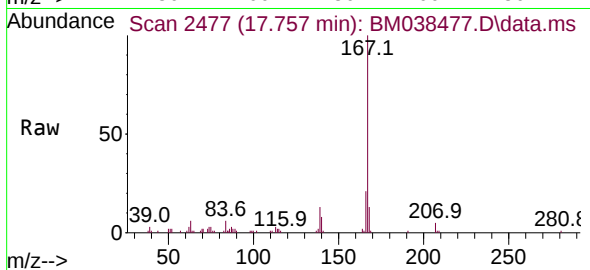
ClientSampleId :

LOQ-WATER-02-QT3-2022

Tgt Ion:167	Resp: 41479
Ion Ratio	Lower Upper
167 100	
166 20.7	17.4 26.0
139 12.7	10.1 15.1

Manual Integrations
APPROVED

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



#74

Di-n-butylphthalate

Concen: 4.555 ng

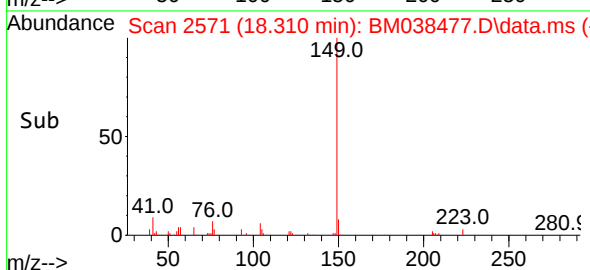
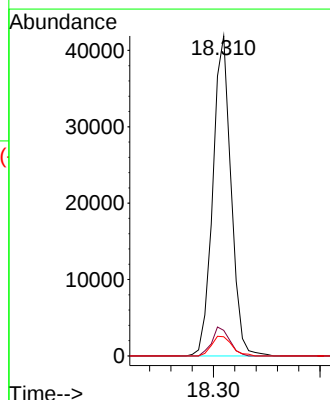
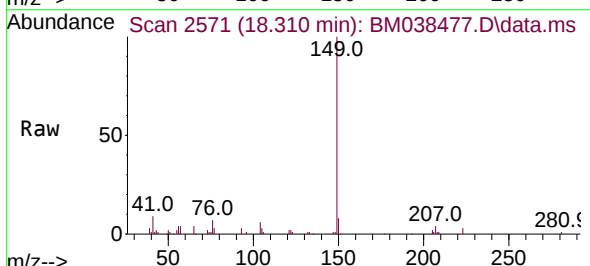
RT: 18.310 min Scan# 2571

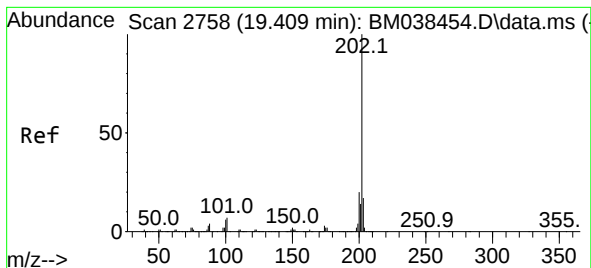
Delta R.T. 0.000 min

Lab File: BM038477.D

Acq: 18 Jan 2023 13:08

Tgt Ion:149	Resp: 49784
Ion Ratio	Lower Upper
149 100	
150 8.0	7.4 11.2
104 6.0	4.7 7.1





#75

Fluoranthene

Concen: 4.474 ng

RT: 19.404 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038477.D

Acq: 18 Jan 2023 13:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

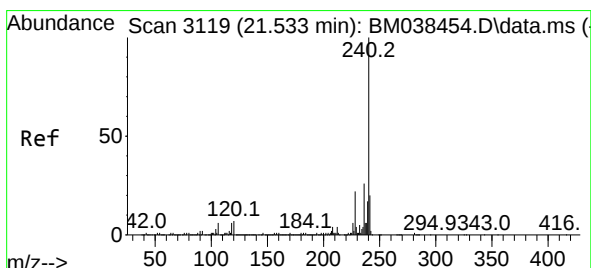
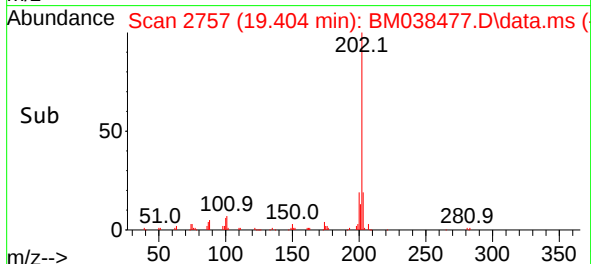
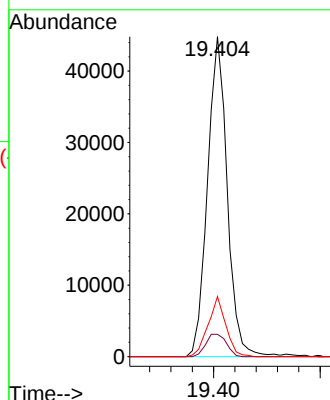
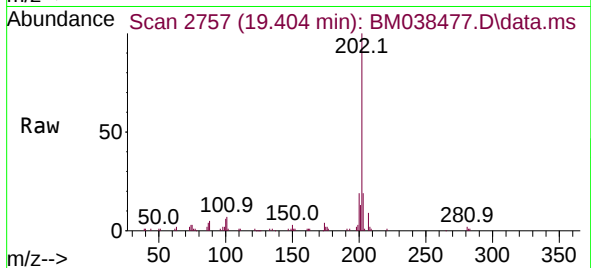
Tgt Ion:	202	Resp:	57590
Ion Ratio	Lower	Upper	
202	100		
101	7.0	0.0	27.4
203	18.8	0.0	37.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/19/2023

Supervised By :Jagrut Upadhyay 01/19/2023



#76

Chrysene-d12

Concen: 20.000 ng

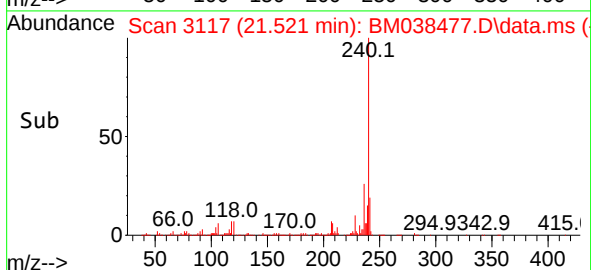
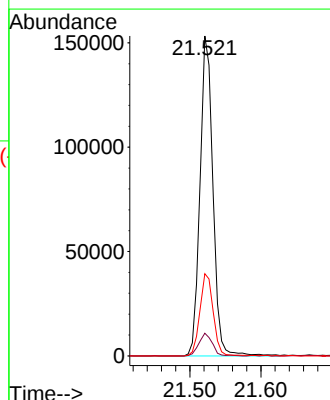
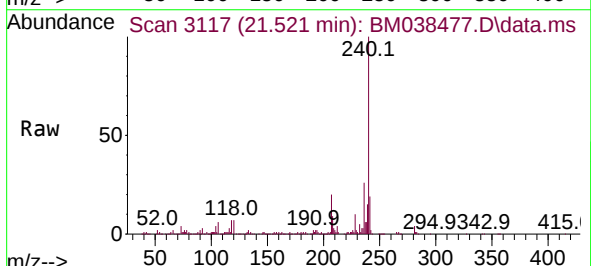
RT: 21.521 min Scan# 3117

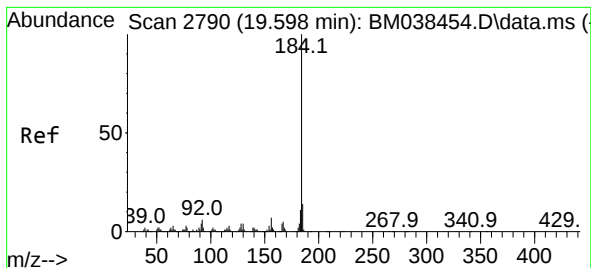
Delta R.T. -0.006 min

Lab File: BM038477.D

Acq: 18 Jan 2023 13:08

Tgt Ion:	240	Resp:	193166
Ion Ratio	Lower	Upper	
240	100		
120	7.1	5.6	8.4
236	25.7	21.0	31.4





#77

Benzidine

Concen: 4.909 ng

RT: 19.598 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM038477.D

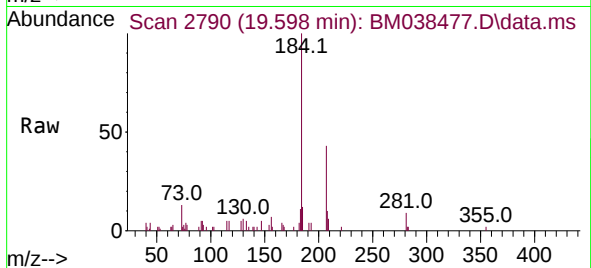
Acq: 18 Jan 2023 13:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

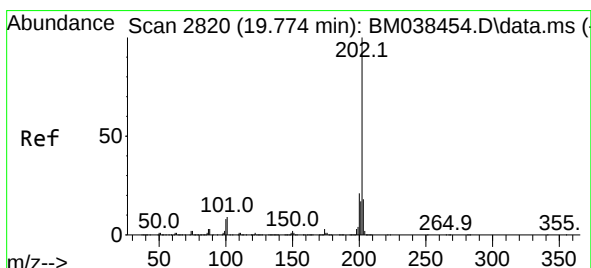
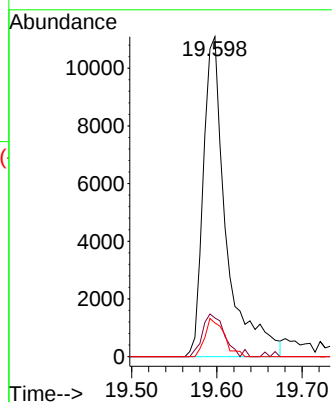
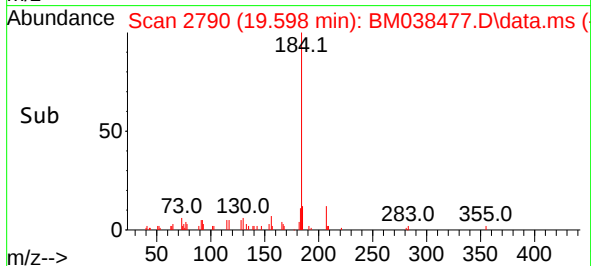


Tgt Ion:	184	Resp:	20779
Ion Ratio	Lower	Upper	
184	100		
185	12.1	11.1	16.7
183	10.5	8.6	13.0

Manual Integrations

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



#78

Pyrene

Concen: 4.815 ng

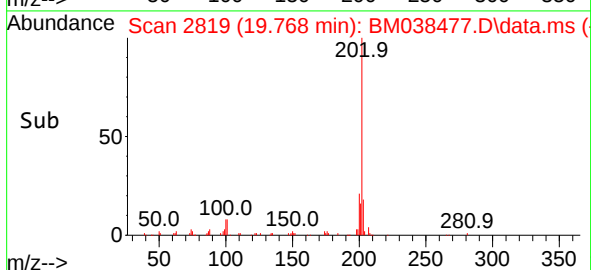
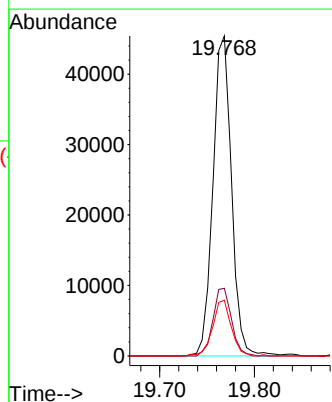
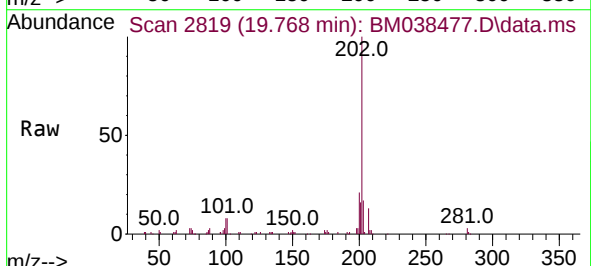
RT: 19.768 min Scan# 2819

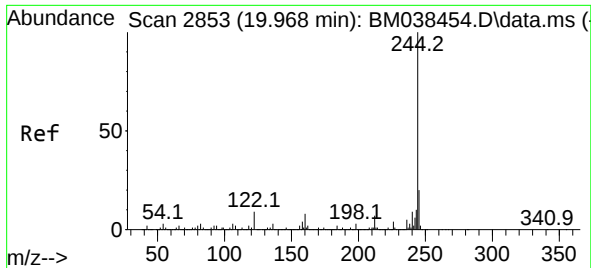
Delta R.T. 0.000 min

Lab File: BM038477.D

Acq: 18 Jan 2023 13:08

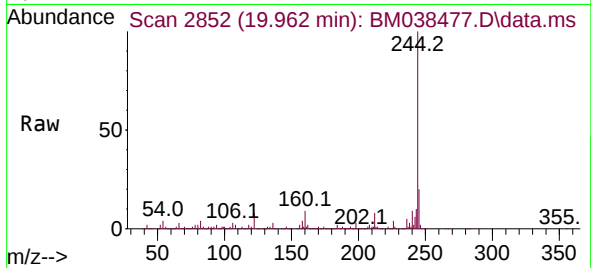
Tgt Ion:	202	Resp:	61896
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.9	25.3
203	17.4	14.2	21.2





#79
 Terphenyl-d14
 Concen: 84.789 ng
 RT: 19.962 min Scan# 2852
 Delta R.T. 0.000 min
 Lab File: BM038477.D
 Acq: 18 Jan 2023 13:08

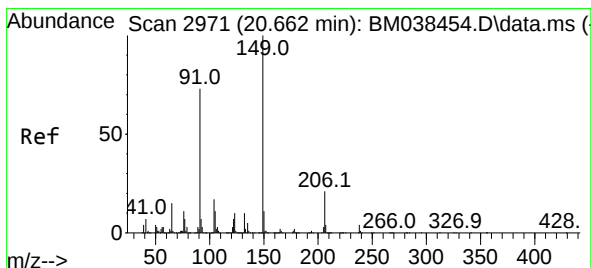
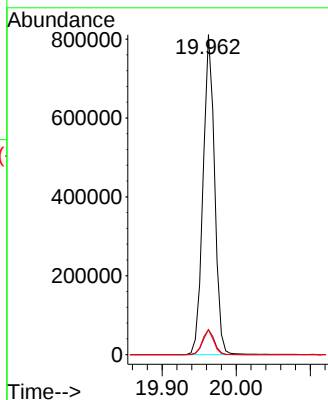
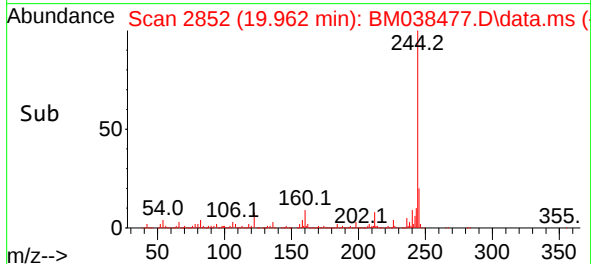
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2022



Tgt Ion:244 Resp: 874895
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.8
 122 7.7 7.1 10.7

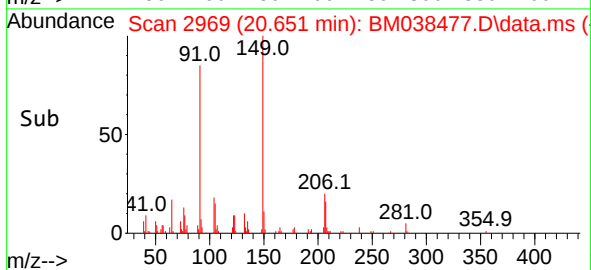
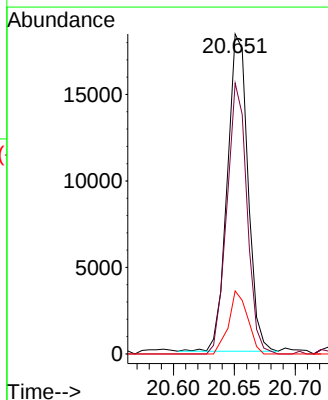
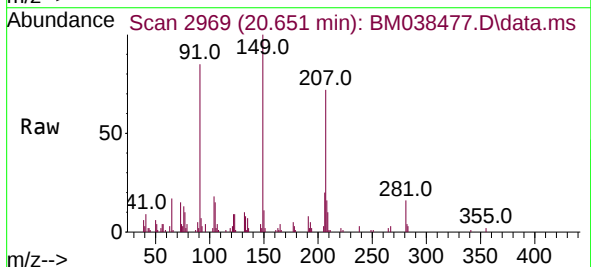
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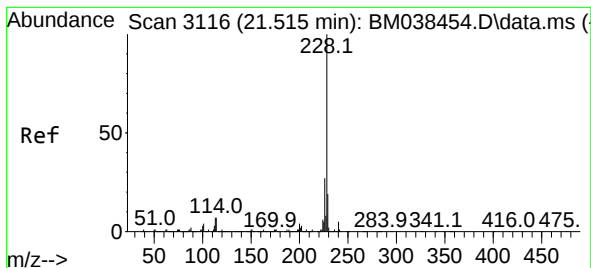
Reviewed By :Christian Giraldo 01/19/2023
 Supervised By :Jagrut Upadhyay 01/19/2023



#80
 Butylbenzylphthalate
 Concen: 4.628 ng
 RT: 20.651 min Scan# 2969
 Delta R.T. -0.006 min
 Lab File: BM038477.D
 Acq: 18 Jan 2023 13:08

Tgt Ion:149 Resp: 21744
 Ion Ratio Lower Upper
 149 100
 91 84.6 58.3 87.5
 206 19.7 16.7 25.1





#81

Benzo(a)anthracene

Concen: 5.001 ng

RT: 21.509 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BM038477.D

Acq: 18 Jan 2023 13:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

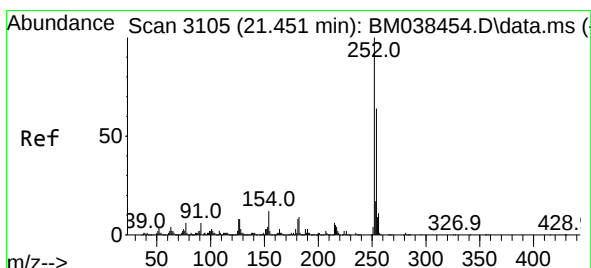
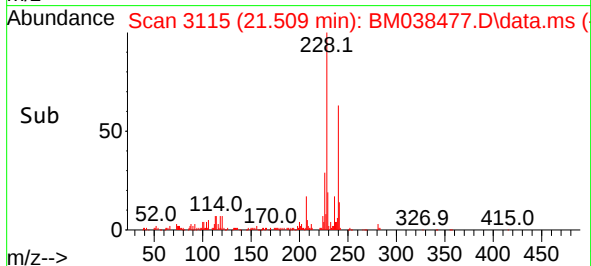
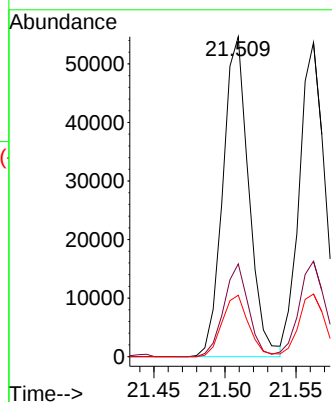
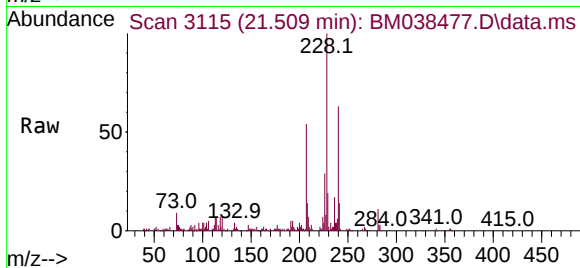
Tgt Ion:	228	Resp:	69478
Ion Ratio	Lower	Upper	
228	100		
226	29.0	22.0	33.0
229	19.2	15.4	23.0

Manual Integrations

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Reviewed By :Christian Giraldo 01/19/2023

Supervised By :Jagrut Upadhyay 01/19/2023



#82

3,3'-Dichlorobenzidine

Concen: 5.027 ng

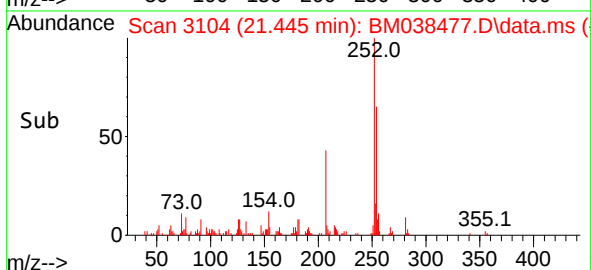
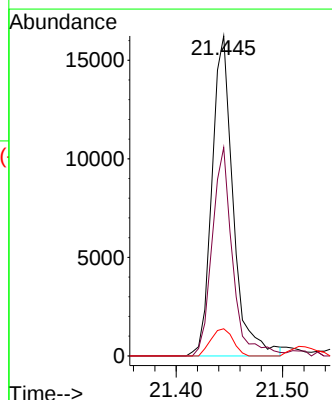
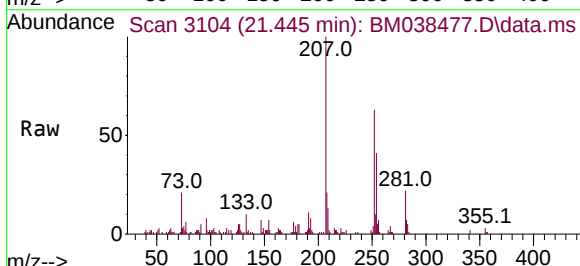
RT: 21.445 min Scan# 3104

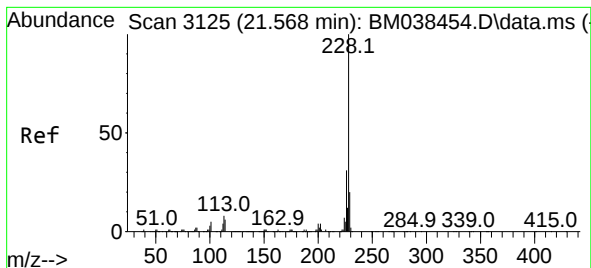
Delta R.T. 0.000 min

Lab File: BM038477.D

Acq: 18 Jan 2023 13:08

Tgt Ion:	252	Resp:	22490
Ion Ratio	Lower	Upper	
252	100		
254	65.1	51.2	76.8
126	8.5	6.3	9.5





#83

Chrysene

Concen: 5.088 ng

RT: 21.562 min Scan# 3125

Delta R.T. 0.000 min

Lab File: BM038477.D

Acq: 18 Jan 2023 13:08

Instrument :

BNA_M

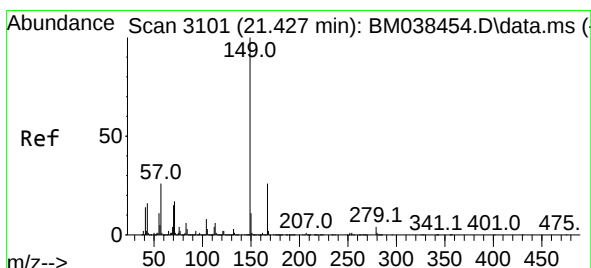
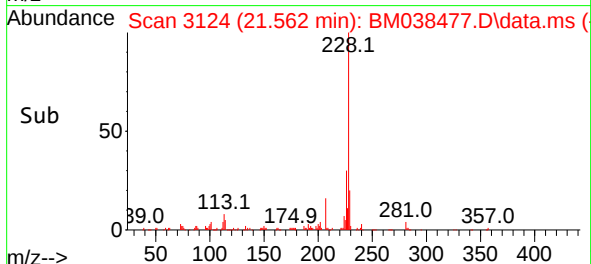
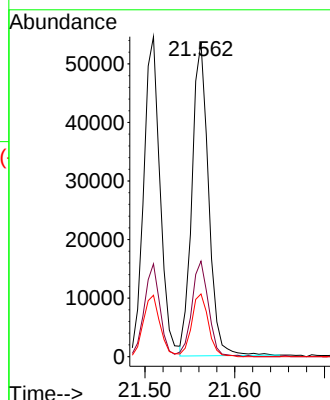
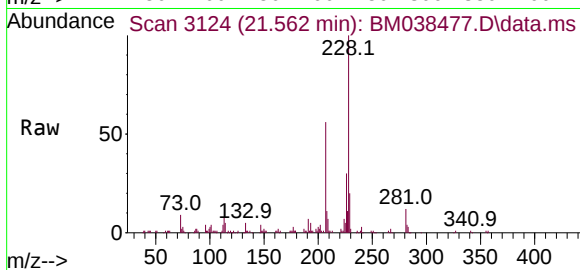
ClientSampleId :

LOQ-WATER-02-QT3-2022

Tgt Ion:228 Resp: 68695
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.6 36.8
 229 19.9 16.1 24.1

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.672 ng

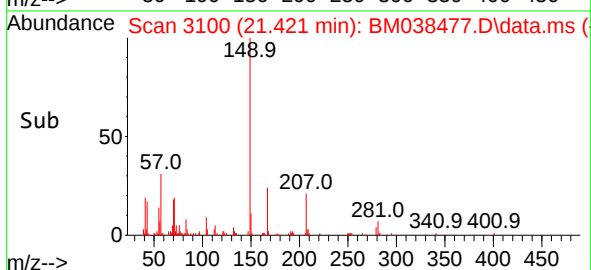
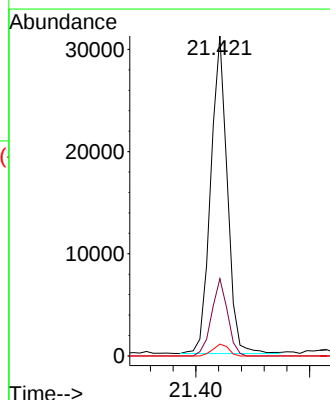
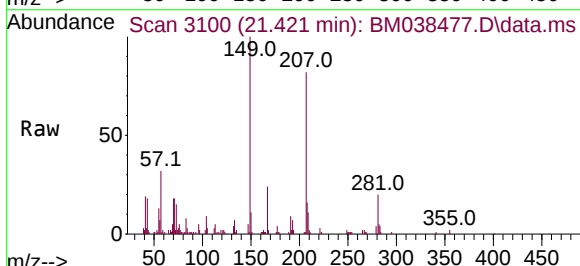
RT: 21.421 min Scan# 3100

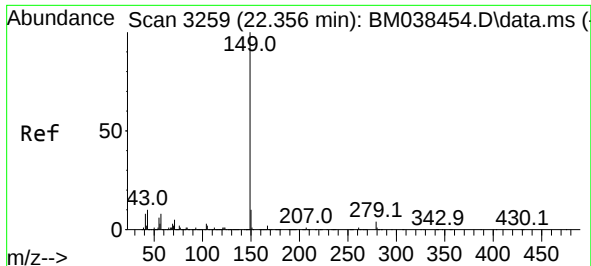
Delta R.T. 0.000 min

Lab File: BM038477.D

Acq: 18 Jan 2023 13:08

Tgt Ion:149 Resp: 31560
 Ion Ratio Lower Upper
 149 100
 167 24.1 21.0 31.4
 279 3.7 3.4 5.0





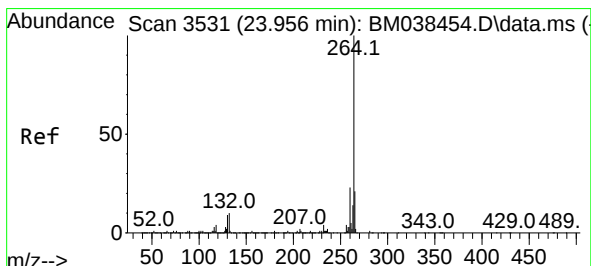
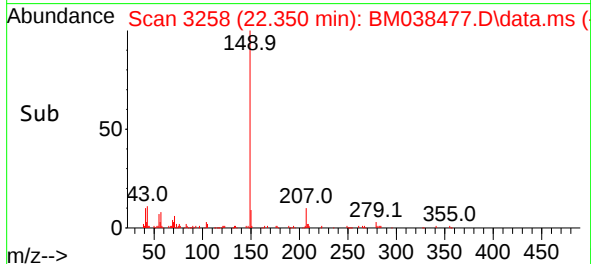
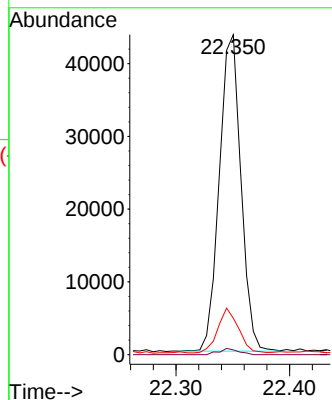
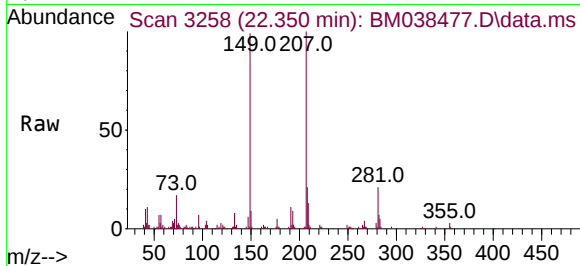
#85
Di-n-octyl phthalate
Concen: 4.841 ng
RT: 22.350 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

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

Tgt Ion:149 Resp: 57540
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 13.5 8.4 12.6

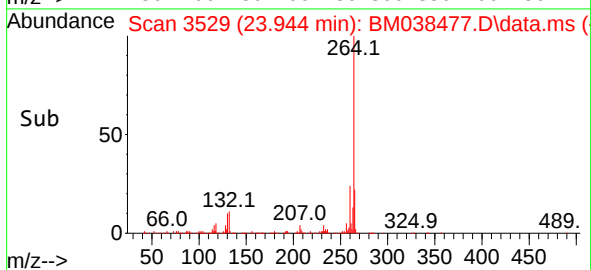
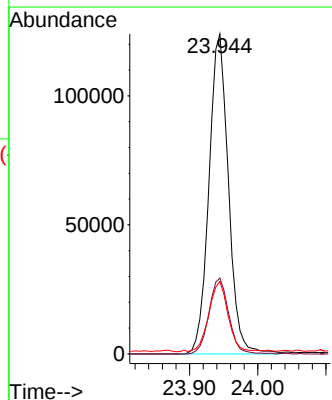
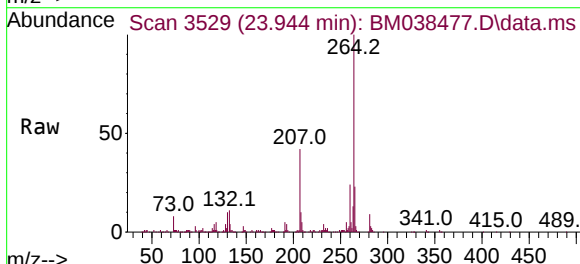
Manual Integrations
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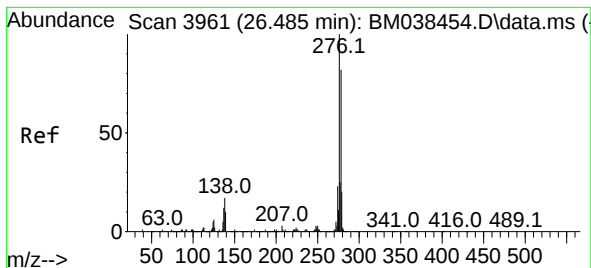
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.944 min Scan# 3529
Delta R.T. 0.006 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

Tgt Ion:264 Resp: 245564
Ion Ratio Lower Upper
264 100
260 23.7 18.2 27.4
265 22.6 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.757 ng

RT: 26.462 min Scan# 3957

Delta R.T. -0.006 min

Lab File: BM038477.D

Acq: 18 Jan 2023 13:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

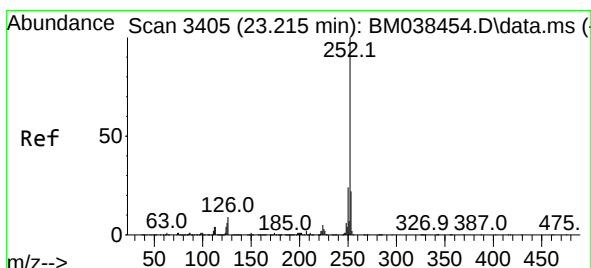
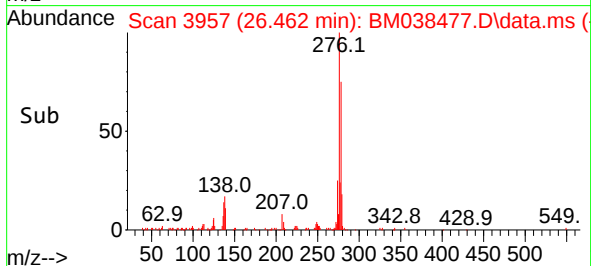
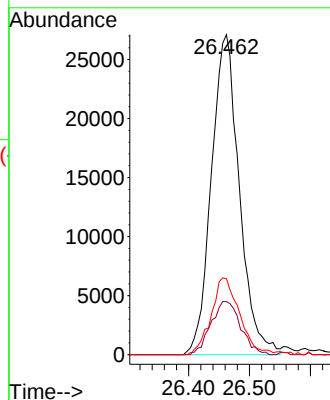
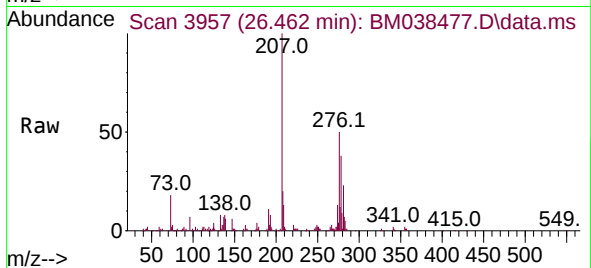
Tgt Ion:	276	Resp:	8645
Ion Ratio	Lower	Upper	
276	100		
138	17.7	13.4	20.2
277	24.2	19.8	29.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/19/2023

Supervised By :Jagrut Upadhyay 01/19/2023



#88

Benzo(b)fluoranthene

Concen: 4.843 ng

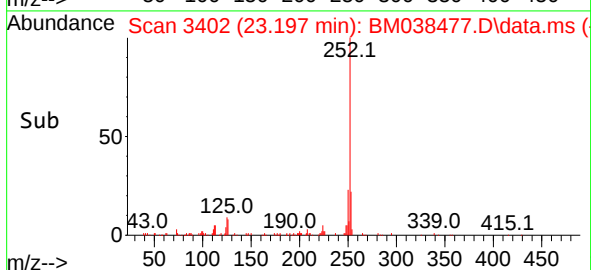
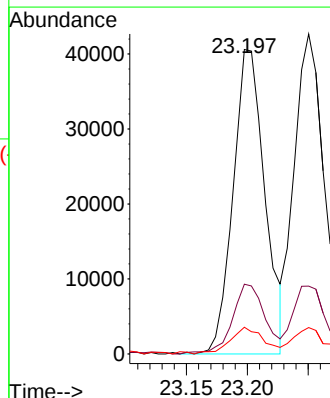
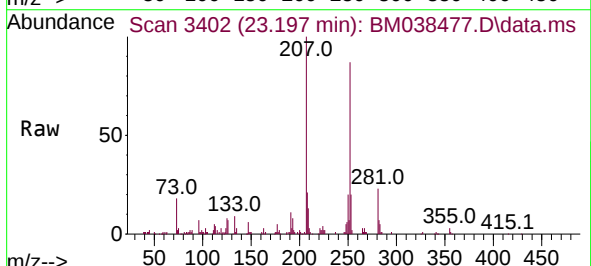
RT: 23.197 min Scan# 3402

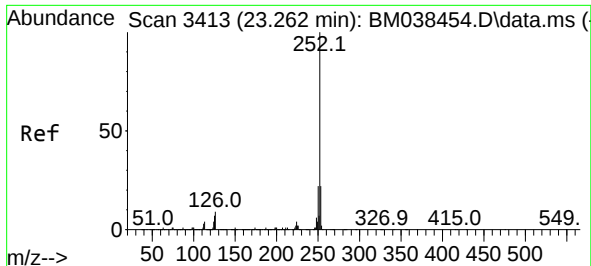
Delta R.T. -0.006 min

Lab File: BM038477.D

Acq: 18 Jan 2023 13:08

Tgt Ion:	252	Resp:	73745
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.8	26.6
125	8.7	5.1	7.7#





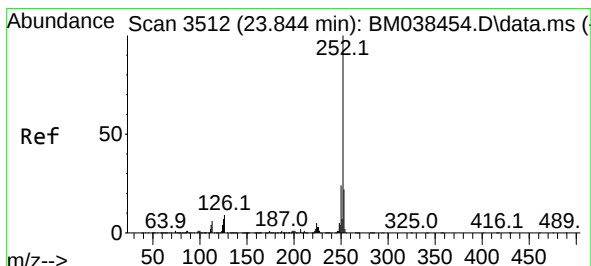
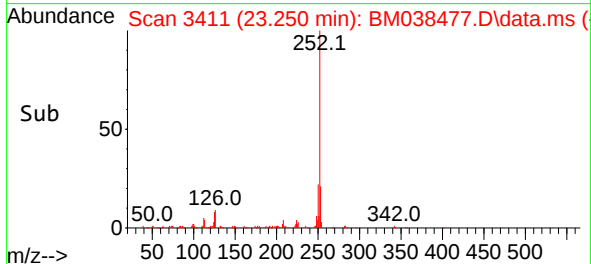
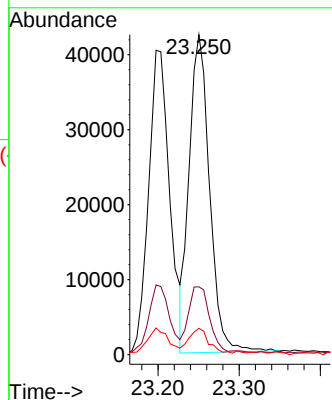
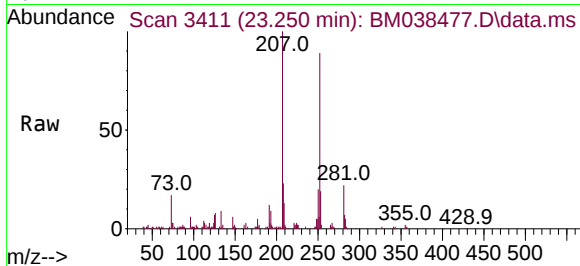
#89
Benzo(k)fluoranthene
Concen: 4.707 ng
RT: 23.250 min Scan# 3413
Delta R.T. -0.006 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

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

Tgt Ion:252 Resp: 74120
Ion Ratio Lower Upper
252 100
253 21.2 17.6 26.4
125 8.2 5.5 8.3

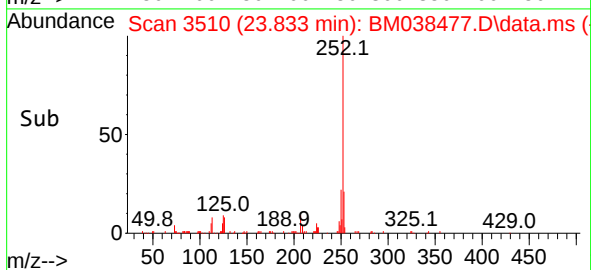
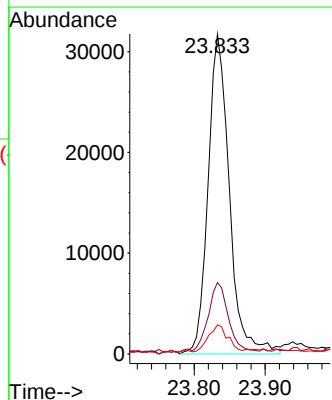
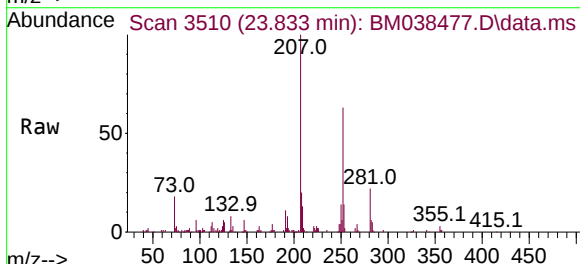
Manual Integrations
APPROVED

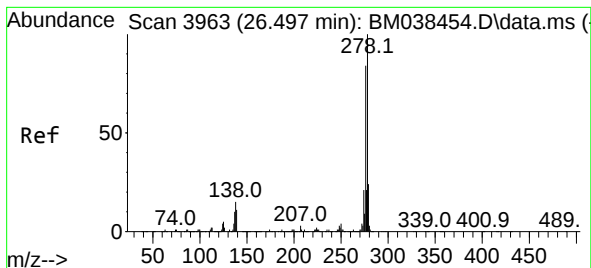
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#90
Benzo(a)pyrene
Concen: 4.419 ng
RT: 23.833 min Scan# 3510
Delta R.T. -0.006 min
Lab File: BM038477.D
Acq: 18 Jan 2023 13:08

Tgt Ion:252 Resp: 66032
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 9.1 5.8 8.8#





#91

Dibenzo(a,h)anthracene

Concen: 4.800 ng

RT: 26.474 min Scan# 3963

Delta R.T. -0.006 min

Lab File: BM038477.D

Acq: 18 Jan 2023 13:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2022

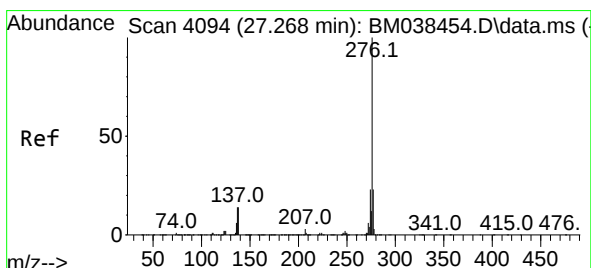
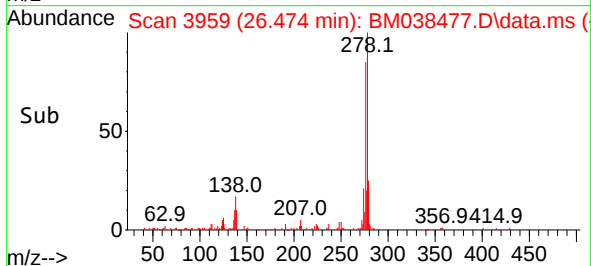
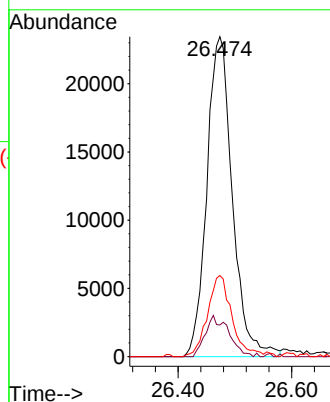
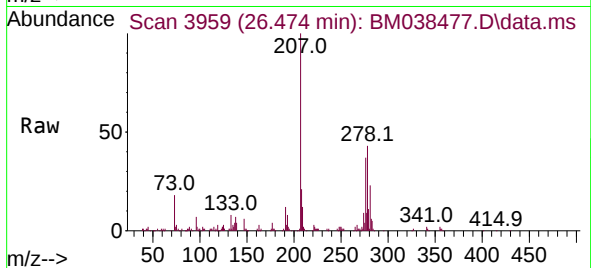
Tgt Ion:	278	Resp:	7319
Ion Ratio	Lower	Upper	
278	100		
139	9.9	8.4	12.6
279	25.3	19.0	28.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/19/2023

Supervised By :Jagrut Upadhyay 01/19/2023



#92

Benzo(g,h,i)perylene

Concen: 5.110 ng

RT: 27.238 min Scan# 4089

Delta R.T. -0.011 min

Lab File: BM038477.D

Acq: 18 Jan 2023 13:08

Tgt Ion:	276	Resp:	77318
Ion Ratio	Lower	Upper	
276	100		
277	24.1	18.6	27.8
138	11.8	11.3	16.9

