

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011823\
 Data File : BM038481.D
 Acq On : 18 Jan 2023 15:48
 Operator : CG/JU
 Sample : N3980-07
 Misc : LOD-MDL-WATER 8ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2022

Quant Time: Jan 19 06:14:25 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	41952	20.000	ng	0.00
21) Naphthalene-d8	10.786	136	143370	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	87683	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	200441	20.000	ng	0.00
76) Chrysene-d12	21.527	240	216797	20.000	ng	0.00
86) Perylene-d12	23.944	264	270656	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	310466	112.887	ng	0.00
7) Phenol-d6	7.134	99	379867	107.825	ng	0.00
23) Nitrobenzene-d5	9.145	82	264591	75.196	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	153091	103.281	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	493834	70.237	ng	0.00
79) Terphenyl-d14	19.962	244	873883	75.459	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	10592	8.428	ng	97
3) Pyridine	3.810	79	23919m	6.579	ng	
4) n-Nitrosodimethylamine	3.710	42	17107	7.952	ng	# 96
6) Aniline	7.304	93	30087	6.761	ng	98
8) 2-Chlorophenol	7.534	128	20302	7.456	ng	92
9) Benzaldehyde	7.116	77	23685	10.054	ng	87
10) Phenol	7.163	94	28143	7.666	ng	97
11) bis(2-Chloroethyl)ether	7.398	93	21399	7.193	ng	96
12) 1,3-Dichlorobenzene	7.857	146	21762	7.460	ng	99
13) 1,4-Dichlorobenzene	8.010	146	22881	7.797	ng	99
14) 1,2-Dichlorobenzene	8.328	146	21677	7.554	ng	92
15) Benzyl Alcohol	8.222	79	19706	6.984	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.510	45	32308	7.789	ng	97
17) 2-Methylphenol	8.422	107	16118	6.500	ng	96
18) Hexachloroethane	9.051	117	9360	7.787	ng	92
19) n-Nitroso-di-n-propyla...	8.787	70	18738	7.327	ng	# 96
20) 3+4-Methylphenols	8.751	107	20839	6.259	ng	93
22) Acetophenone	8.804	105	33685	7.949	ng	# 86
24) Nitrobenzene	9.187	77	28922	7.779	ng	97
25) Isophorone	9.710	82	44628	7.160	ng	100
26) 2-Nitrophenol	9.904	139	8976	6.877	ng	95
27) 2,4-Dimethylphenol	9.957	122	14636	6.585	ng	96
28) bis(2-Chloroethoxy)met...	10.198	93	25679	7.326	ng	# 97
29) 2,4-Dichlorophenol	10.439	162	16065	6.543	ng	92
30) 1,2,4-Trichlorobenzene	10.645	180	18928	6.666	ng	96
31) Naphthalene	10.834	128	54128	7.124	ng	98
32) Benzoic acid	10.034	122	7278m	8.623	ng	
33) 4-Chloroaniline	10.957	127	21019	6.302	ng	94
34) Hexachlorobutadiene	11.110	225	14539	7.302	ng	95
35) Caprolactam	11.733	113	3659	5.272	ng	92
36) 4-Chloro-3-methylphenol	12.075	107	16941	6.328	ng	93
37) 2-Methylnaphthalene	12.439	142	35011	6.302	ng	89
38) 1-Methylnaphthalene	12.663	142	33632	6.448	ng	97
40) 1,2,4,5-Tetrachloroben...	12.810	216	23156	7.056	ng	98
41) Hexachlorocyclopentadiene	12.780	237	12591	6.748	ng	96
43) 2,4,6-Trichlorophenol	13.051	196	13819	6.661	ng	91

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Manual Integrations
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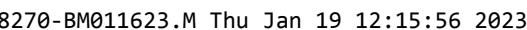
Reviewed By :Christian Giraldo 01/19/2023
 Supervised By :Jagrut Upadhyay 01/19/2023

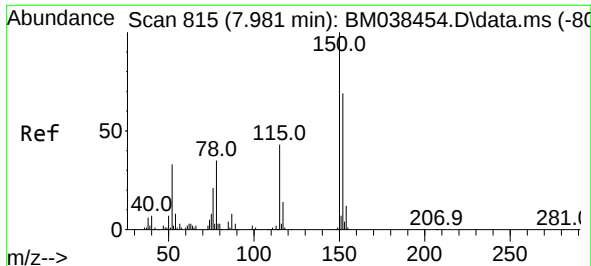
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.122	196	14877	6.082	ng	96
46) 1,1'-Biphenyl	13.445	154	49842	7.327	ng	99
47) 2-Chloronaphthalene	13.486	162	38447	7.181	ng	97
48) 2-Nitroaniline	13.704	65	12293	7.806	ng	93
49) Acenaphthylene	14.333	152	55624	6.590	ng	98
50) Dimethylphthalate	14.069	163	46906	6.601	ng	98
51) 2,6-Dinitrotoluene	14.192	165	8762	6.061	ng	# 68
52) Acenaphthene	14.674	154	35406	6.902	ng	97
53) 3-Nitroaniline	14.527	138	7992	7.394	ng	95
54) 2,4-Dinitrophenol	14.739	184	4506	9.046	ng	92
55) Dibenzofuran	15.004	168	58194	6.663	ng	93
56) 4-Nitrophenol	14.833	139	6132	8.348	ng	93
57) 2,4-Dinitrotoluene	14.980	165	11655	5.800	ng	# 81
58) Fluorene	15.651	166	45782	6.274	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.233	232	13095	6.038	ng	94
60) Diethylphthalate	15.421	149	47452	6.509	ng	96
61) 4-Chlorophenyl-phenylether	15.645	204	25436	6.350	ng	92
62) 4-Nitroaniline	15.686	138	7959	7.352	ng	97
63) Azobenzene	15.939	77	56253	7.013	ng	97
65) 4,6-Dinitro-2-methylph...	15.739	198	7207	5.299	ng	81
66) n-Nitrosodiphenylamine	15.863	169	38360	6.522	ng	99
67) 4-Bromophenyl-phenylether	16.539	248	14870	6.413	ng	94
68) Hexachlorobenzene	16.651	284	17677	6.809	ng	94
69) Atrazine	16.810	200	14537	6.990	ng	93
70) Pentachlorophenol	16.998	266	9669	5.101	ng	# 86
71) Phenanthrene	17.392	178	76782	6.924	ng	98
72) Anthracene	17.486	178	73300	6.432	ng	98
73) Carbazole	17.757	167	64553	6.477	ng	97
74) Di-n-butylphthalate	18.310	149	77545	6.551	ng	97
75) Fluoranthene	19.404	202	86652	6.216	ng	99
77) Benzidine	19.592	184	36760	7.738	ng	97
78) Pyrene	19.768	202	93953	6.512	ng	98
80) Butylbenzylphthalate	20.651	149	33121	6.281	ng	# 80
81) Benzo(a)anthracene	21.509	228	104552	6.705	ng	97
82) 3,3'-Dichlorobenzidine	21.445	252	38230	7.614	ng	95
83) Chrysene	21.562	228	102691	6.777	ng	98
84) Bis(2-ethylhexyl)phtha...	21.421	149	49579	6.540	ng	96
85) Di-n-octyl phthalate	22.350	149	91718	6.876	ng	# 95
87) Indeno(1,2,3-cd)pyrene	26.468	276	132712	6.626	ng	97
88) Benzo(b)fluoranthene	23.203	252	114109	6.799	ng	97
89) Benzo(k)fluoranthene	23.250	252	113196	6.522	ng	97
90) Benzo(a)pyrene	23.839	252	100293	6.090	ng	98
91) Dibenzo(a,h)anthracene	26.474	278	114353	6.803	ng	98
92) Benzo(g,h,i)perylene	27.238	276	120168	7.206	ng	# 95

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

Manual Integrations

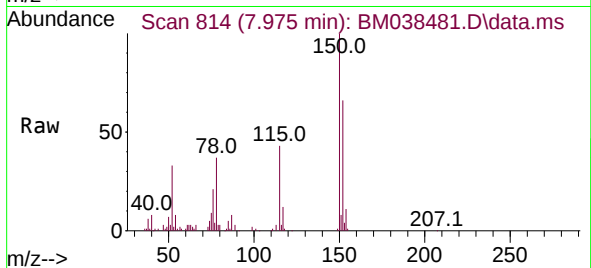
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.975 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

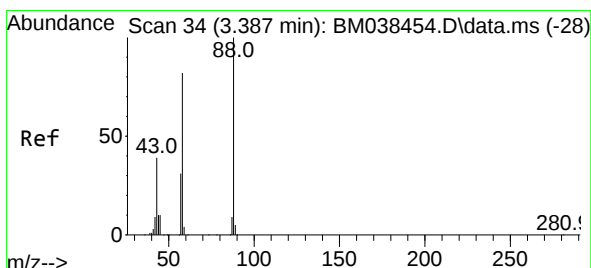
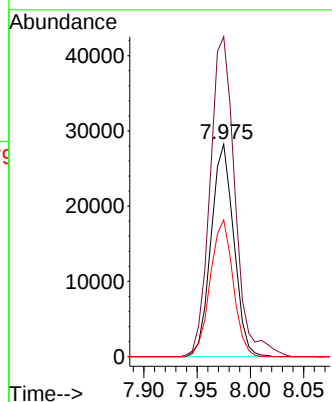
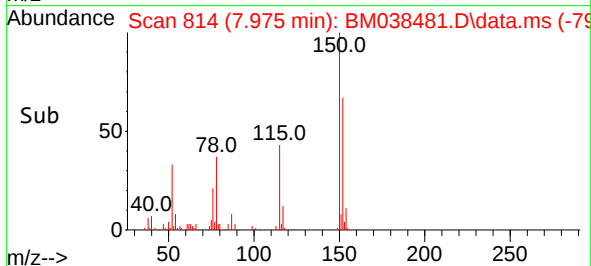
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion:152 Resp: 41952
Ion Ratio Lower Upper
152 100
150 150.7 116.0 174.0
115 64.4 49.4 74.2

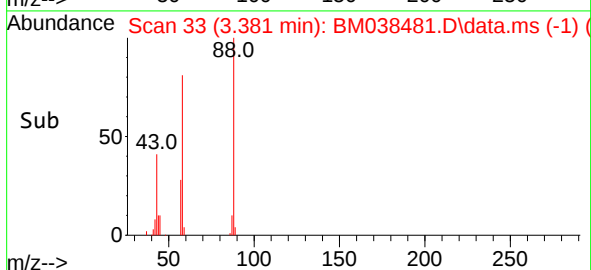
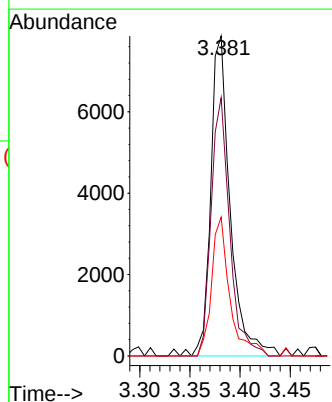
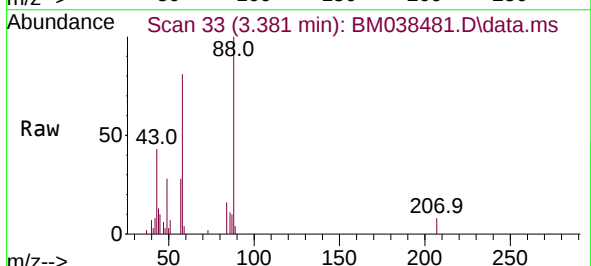
Manual Integrations
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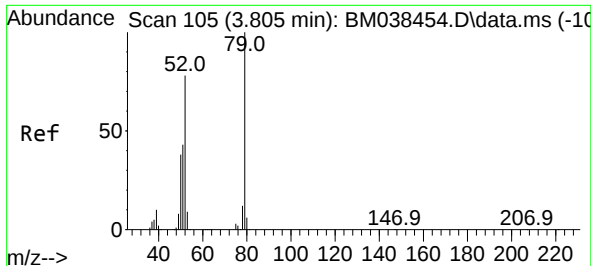
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#2
1,4-Dioxane
Concen: 8.428 ng
RT: 3.381 min Scan# 33
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

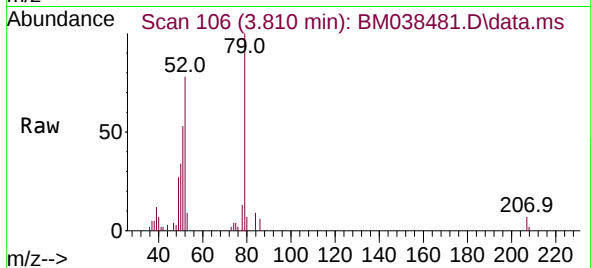
Tgt Ion: 88 Resp: 10592
Ion Ratio Lower Upper
88 100
58 76.7 64.3 96.5
43 40.7 32.3 48.5





#3
Pyridine
Concen: 6.579 ng m
RT: 3.810 min Scan# 10
Delta R.T. 0.018 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

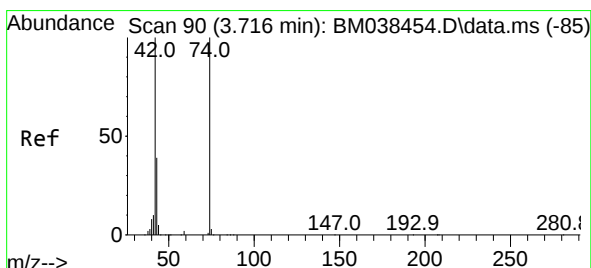
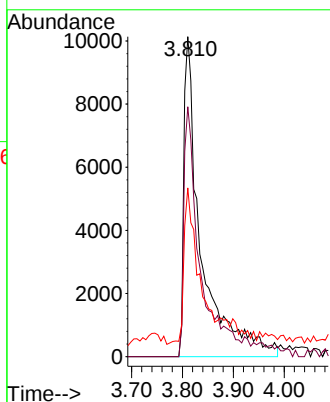
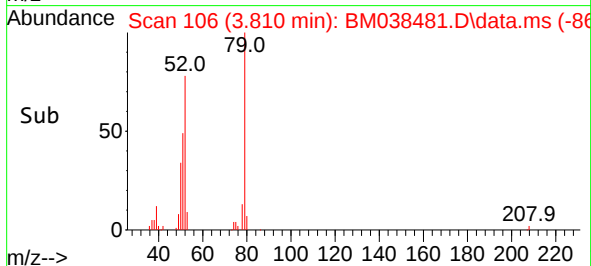
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 79 Resp: 23919
Ion Ratio Lower Upper
79 100
52 78.1 62.2 93.2
51 52.7 34.8 52.2

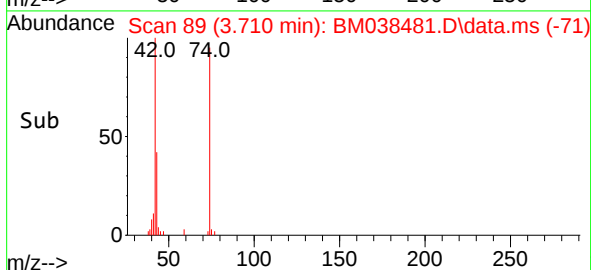
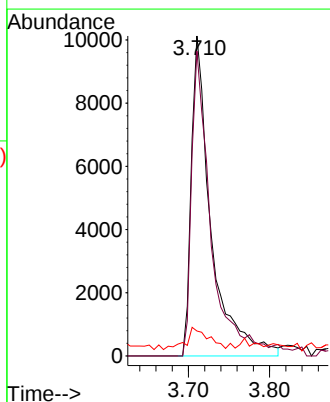
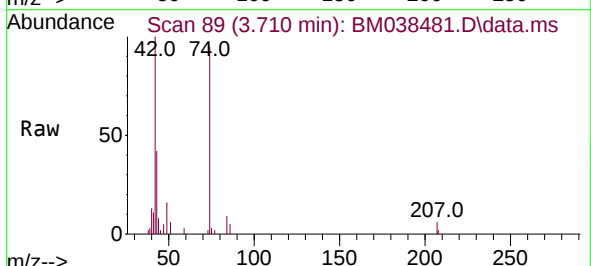
Manual Integrations
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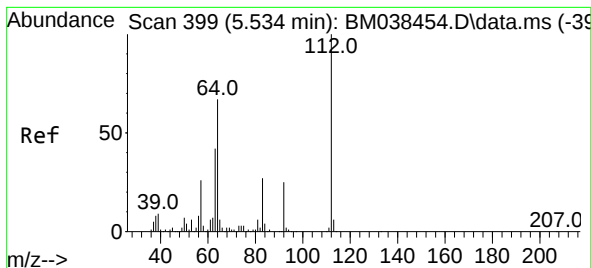
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#4
n-Nitrosodimethylamine
Concen: 7.952 ng
RT: 3.710 min Scan# 89
Delta R.T. 0.006 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Tgt Ion: 42 Resp: 17107
Ion Ratio Lower Upper
42 100
74 95.2 79.7 119.5
44 7.8 4.7 7.1





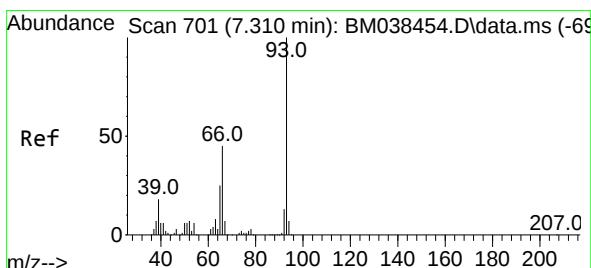
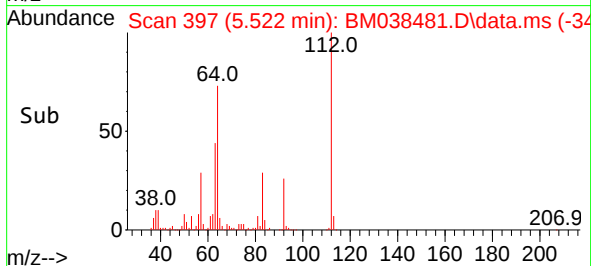
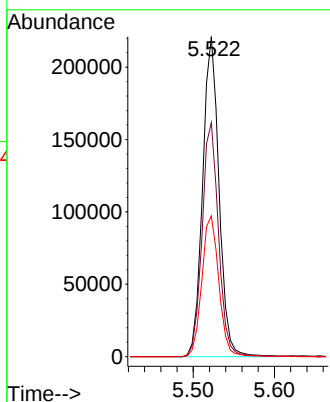
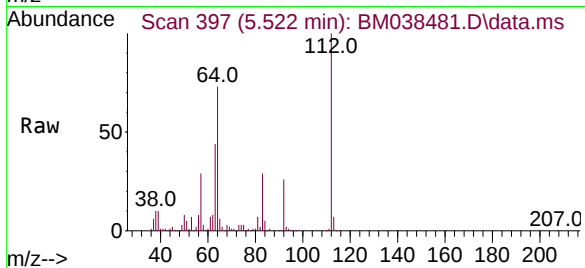
#5
2-Fluorophenol
Concen: 112.887 ng
RT: 5.522 min Scan# 399
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 112 Resp: 310466
Ion Ratio Lower Upper
112 100
64 73.1 53.7 80.5
63 44.0 33.7 50.5

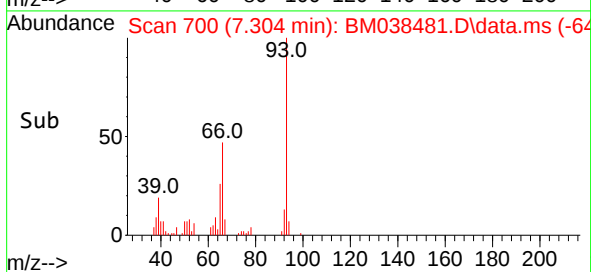
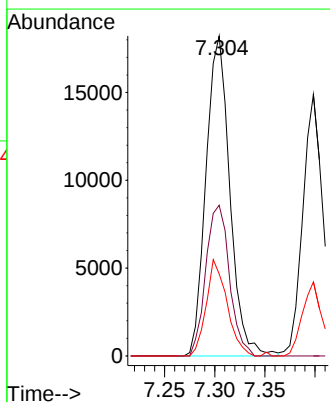
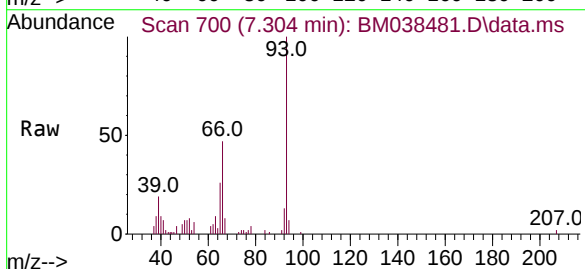
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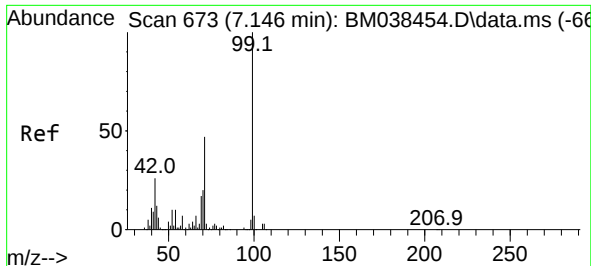
Reviewed By : Christian Giraldo 01/19/2023
Supervised By : Jagrut Upadhyay 01/19/2023



#6
Aniline
Concen: 6.761 ng
RT: 7.304 min Scan# 700
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Tgt Ion: 93 Resp: 30087
Ion Ratio Lower Upper
93 100
66 47.1 36.2 54.2
65 25.6 19.8 29.8





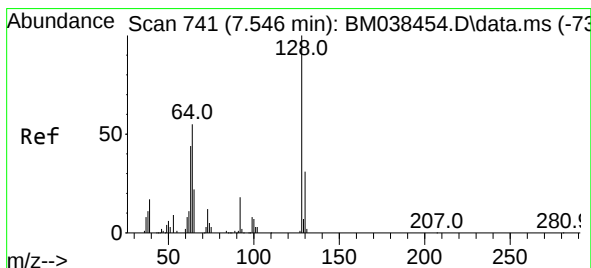
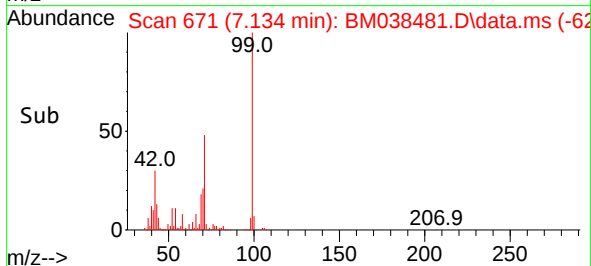
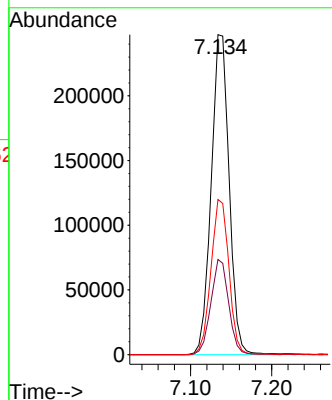
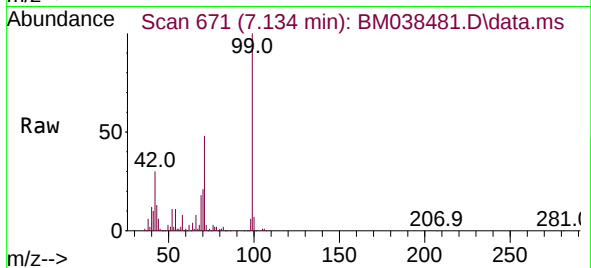
#7
Phenol-d6
Concen: 107.825 ng
RT: 7.134 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 99 Resp: 379862
Ion Ratio Lower Upper
99 100
42 29.7 20.8 31.2
71 48.5 37.8 56.8

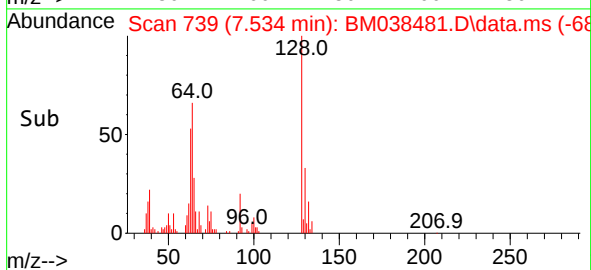
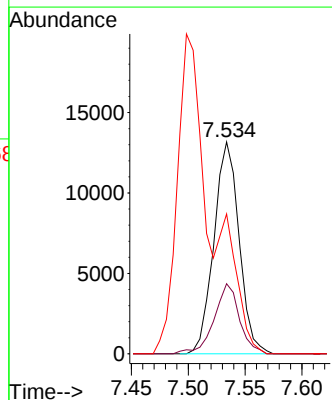
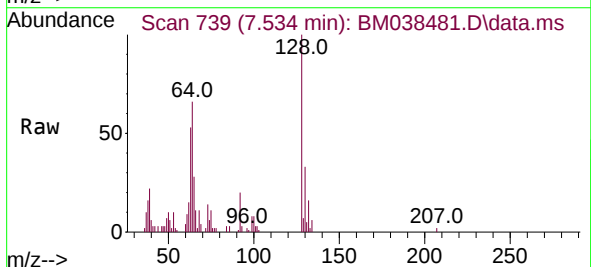
Manual Integrations
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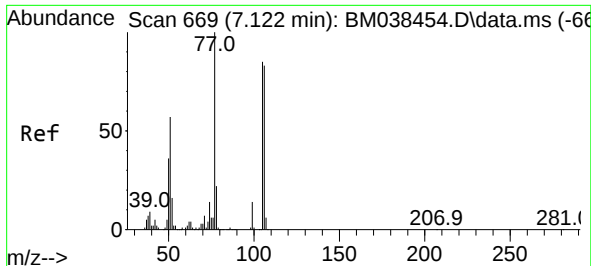
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#8
2-Chlorophenol
Concen: 7.456 ng
RT: 7.534 min Scan# 739
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Tgt Ion:128 Resp: 20302
Ion Ratio Lower Upper
128 100
130 33.1 11.5 51.5
64 66.0 38.0 78.0





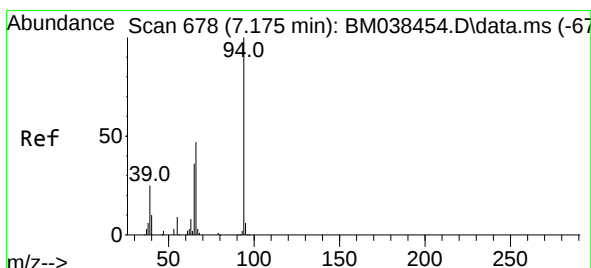
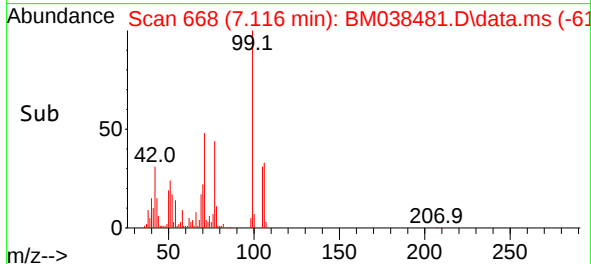
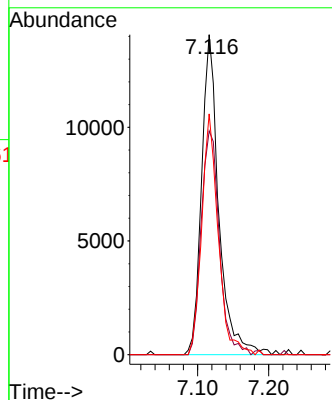
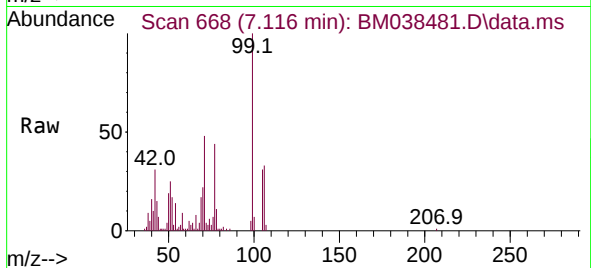
#9
Benzaldehyde
Concen: 10.054 ng
RT: 7.116 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 77 Resp: 2368
Ion Ratio Lower Upper
77 100
105 69.9 65.3 105.3
106 75.2 62.5 102.5

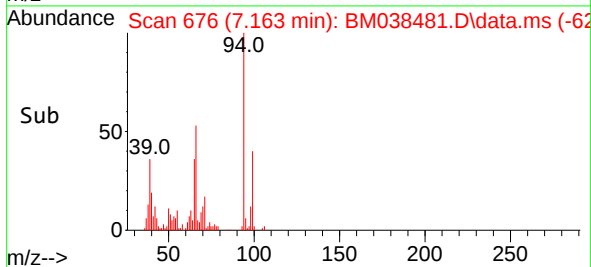
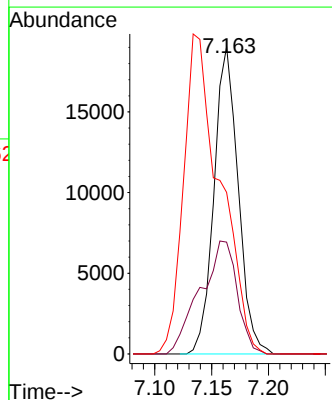
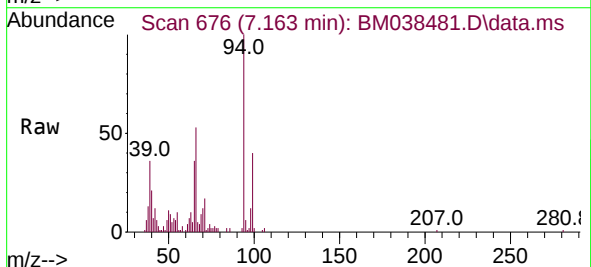
Manual Integrations
APPROVED

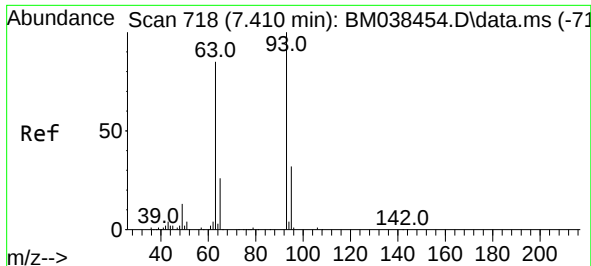
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#10
Phenol
Concen: 7.666 ng
RT: 7.163 min Scan# 676
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Tgt Ion: 94 Resp: 28143
Ion Ratio Lower Upper
94 100
65 36.4 16.3 56.3
66 52.6 29.2 69.2





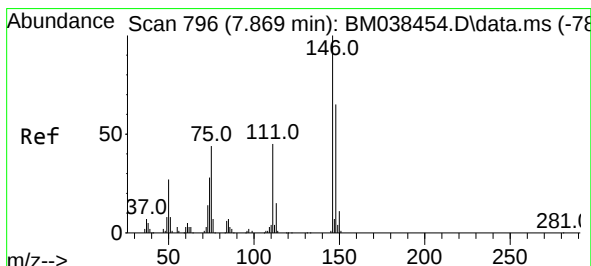
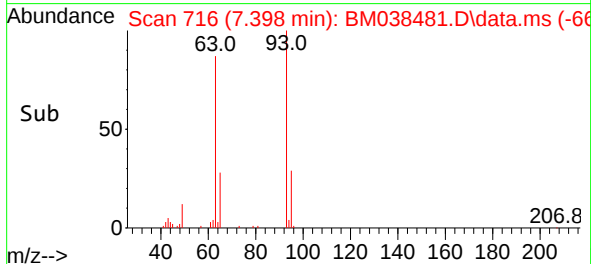
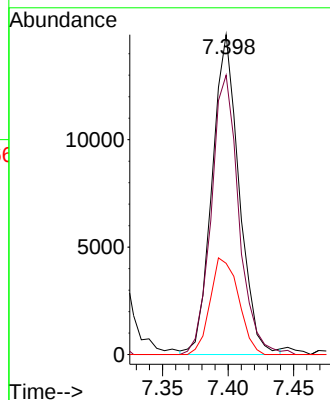
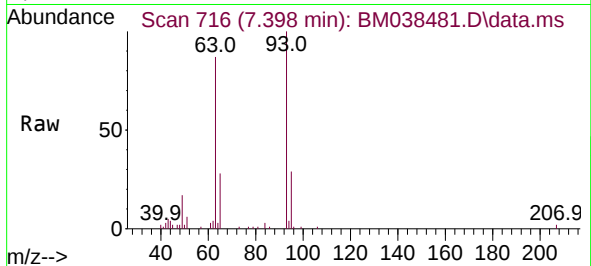
#11
bis(2-Chloroethyl)ether
Concen: 7.193 ng
RT: 7.398 min Scan# 716
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 93 Resp: 21399
Ion Ratio Lower Upper
93 100
63 87.3 64.6 104.6
95 28.5 12.0 52.0

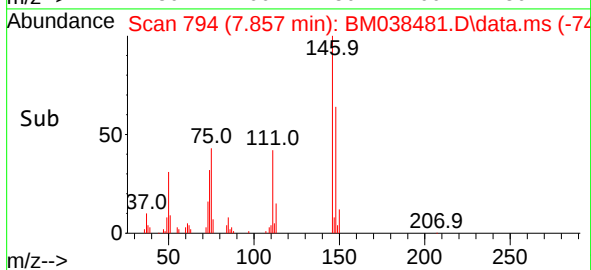
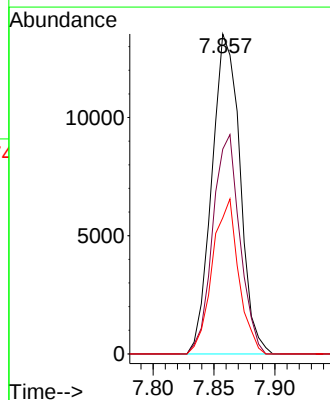
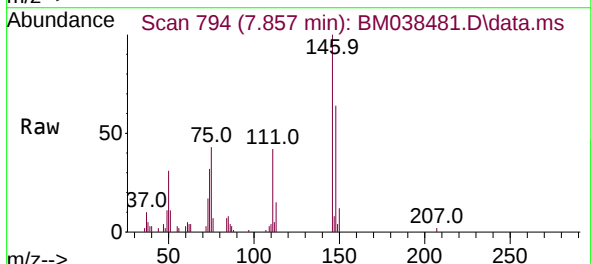
Manual Integrations
APPROVED

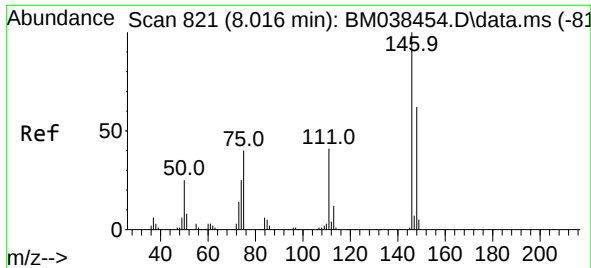
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#12
1,3-Dichlorobenzene
Concen: 7.460 ng
RT: 7.857 min Scan# 794
Delta R.T. -0.006 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Tgt Ion:146 Resp: 21762
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
75 42.5 35.1 52.7





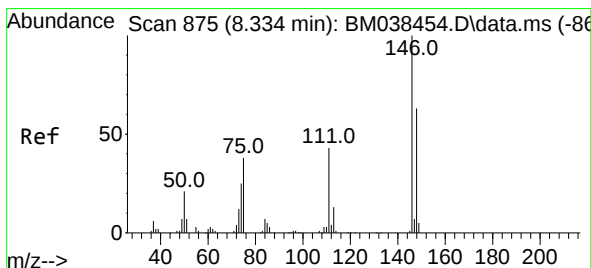
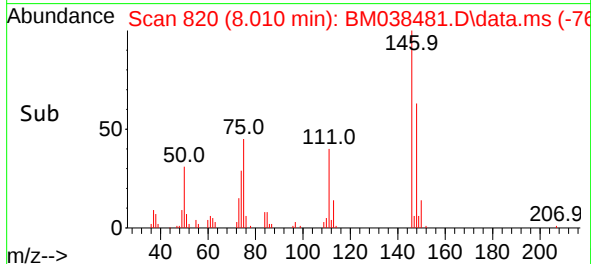
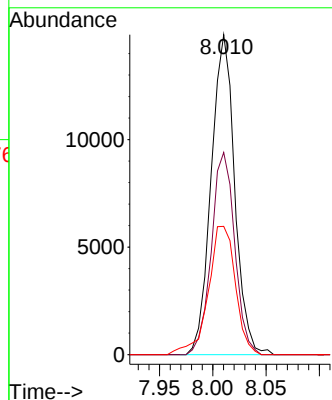
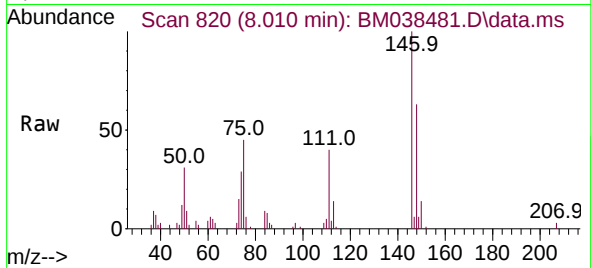
#13
1,4-Dichlorobenzene
Concen: 7.797 ng
RT: 8.010 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:146 Resp: 2288
Ion Ratio Lower Upper
146 100
148 63.2 50.1 75.1
111 40.1 32.8 49.2

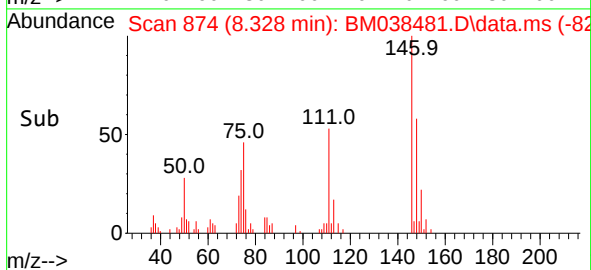
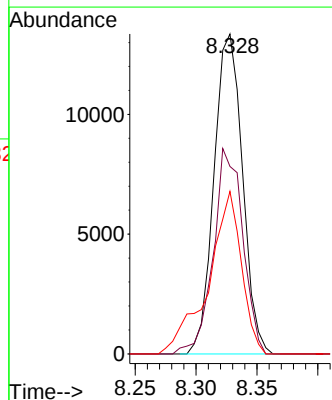
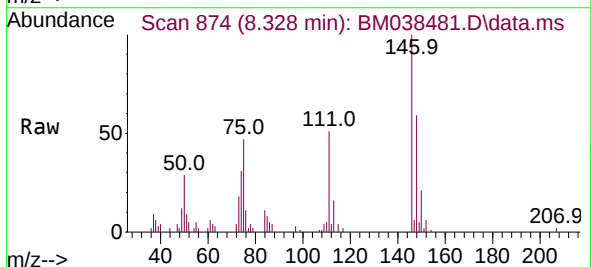
Manual Integrations
APPROVED

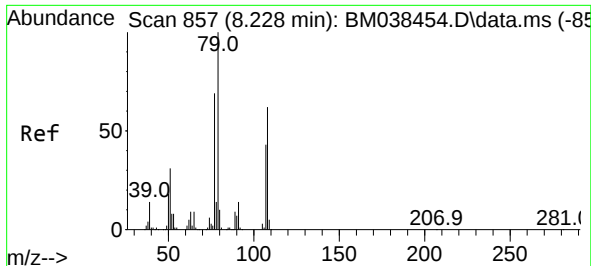
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#14
1,2-Dichlorobenzene
Concen: 7.554 ng
RT: 8.328 min Scan# 874
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

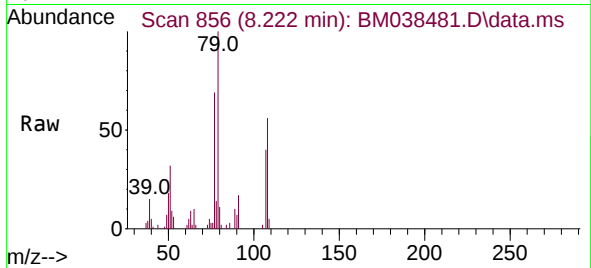
Tgt Ion:146 Resp: 21677
Ion Ratio Lower Upper
146 100
148 58.6 50.7 76.1
111 50.8 35.2 52.8





#15
Benzyl Alcohol
Concen: 6.984 ng
RT: 8.222 min Scan# 857
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

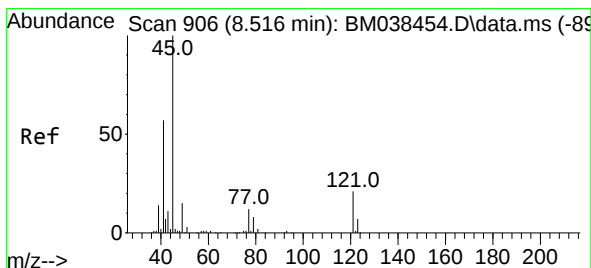
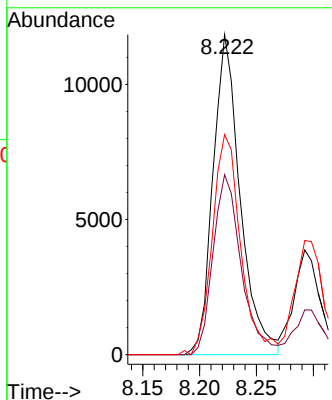
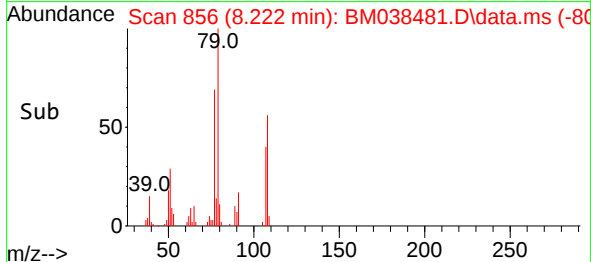
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



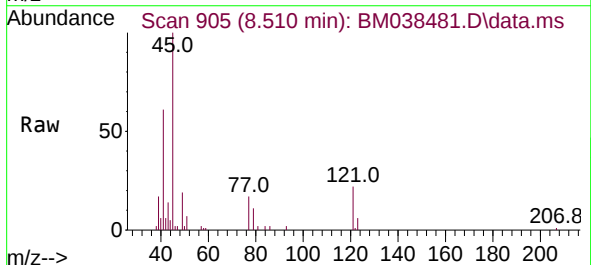
Tgt Ion: 79 Resp: 19700
Ion Ratio Lower Upper
79 100
108 56.2 49.3 73.9
77 68.8 55.1 82.7

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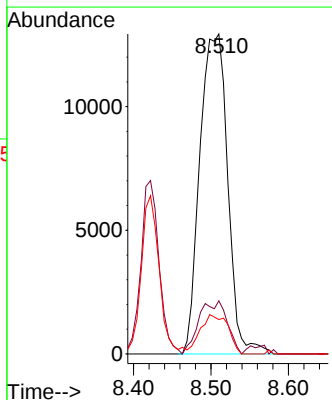
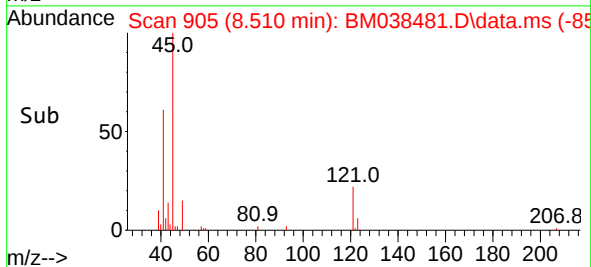
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

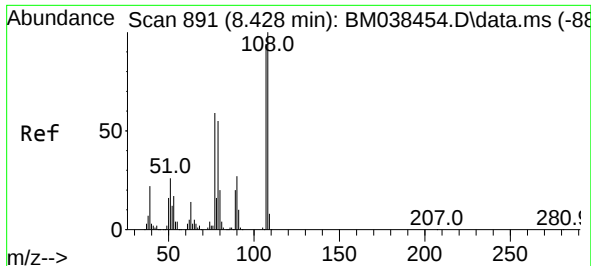


#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.789 ng
RT: 8.510 min Scan# 905
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48



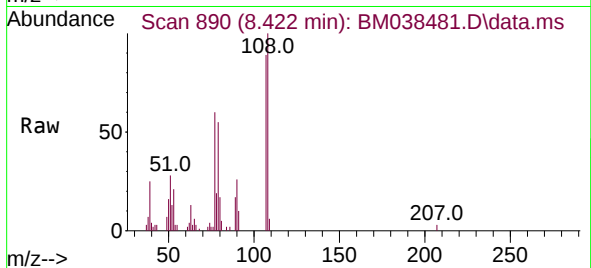
Tgt Ion: 45 Resp: 32308
Ion Ratio Lower Upper
45 100
77 16.6 0.0 34.7
79 10.7 0.0 30.4





#17
2-Methylphenol
Concen: 6.500 ng
RT: 8.422 min Scan# 891
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

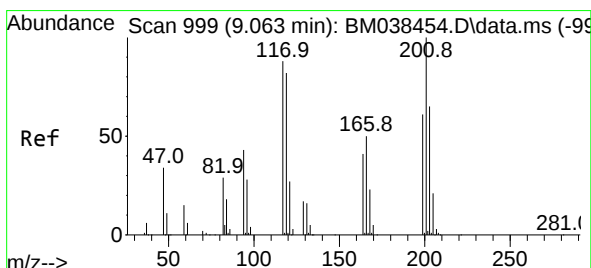
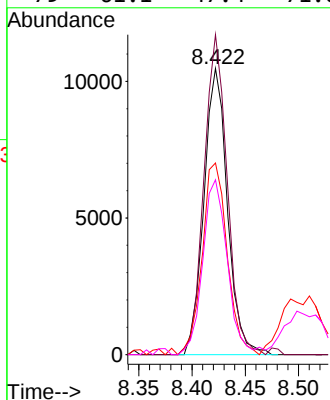
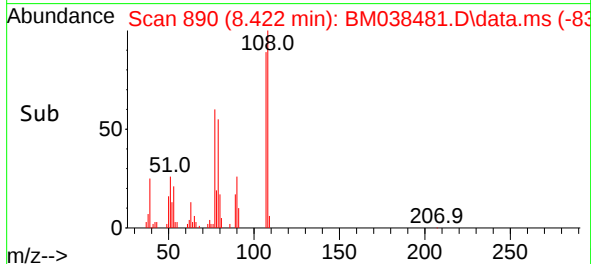
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion:107 Resp: 16118
Ion Ratio Lower Upper
107 100
108 111.8 85.7 128.5
77 66.9 50.5 75.7
79 61.1 47.4 71.0

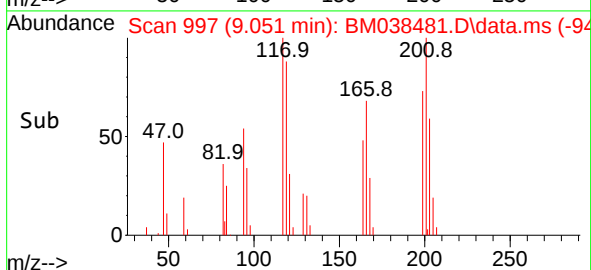
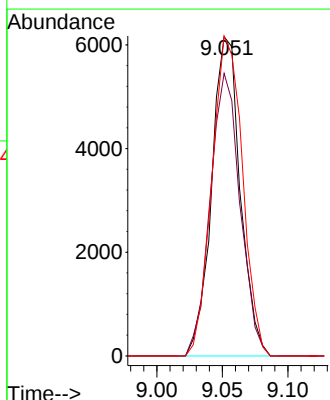
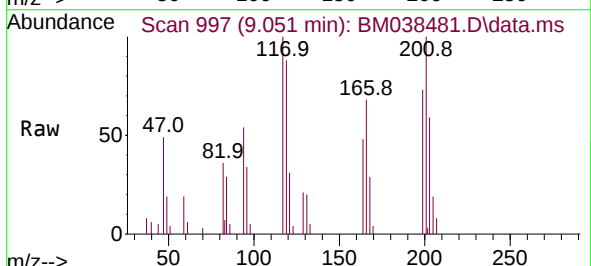
Manual Integrations
APPROVED

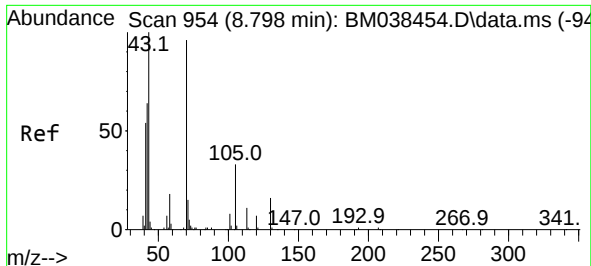
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#18
Hexachloroethane
Concen: 7.787 ng
RT: 9.051 min Scan# 997
Delta R.T. -0.006 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Tgt Ion:117 Resp: 9360
Ion Ratio Lower Upper
117 100
119 88.5 74.5 111.7
201 103.3 91.3 136.9





#19

n-Nitroso-di-n-propylamine

Concen: 7.327 ng

RT: 8.787 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM038481.D

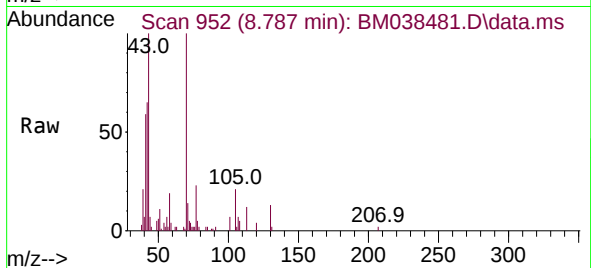
Acq: 18 Jan 2023 15:48

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 70 Resp: 18738

Ion Ratio Lower Upper

70 100

42 65.0 54.2 81.2

101 6.6 6.6 10.0

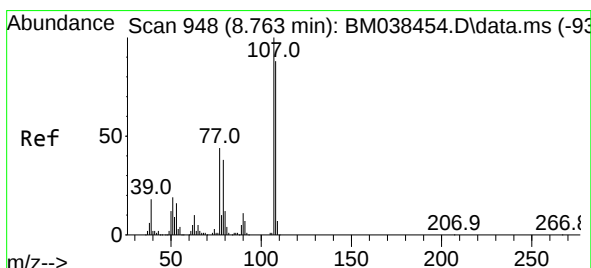
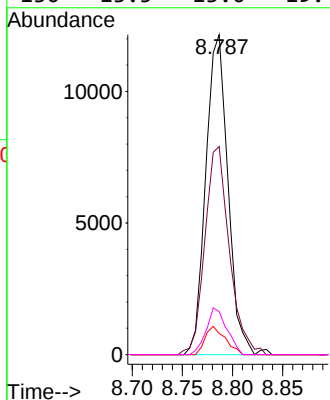
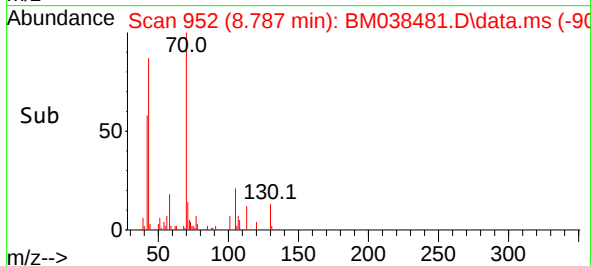
130 13.5 13.0 19.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/19/2023

Supervised By :Jagrut Upadhyay 01/19/2023



#20

3+4-Methylphenols

Concen: 6.259 ng

RT: 8.751 min Scan# 946

Delta R.T. 0.000 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

Tgt Ion:107 Resp: 20839

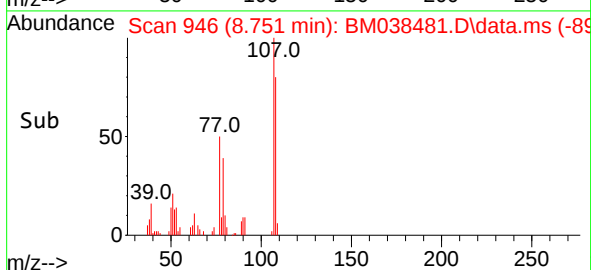
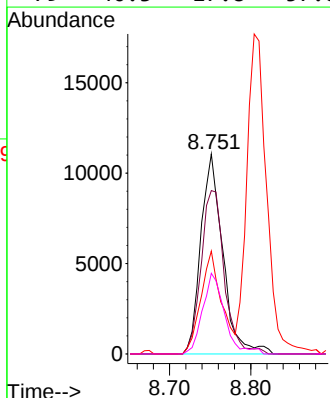
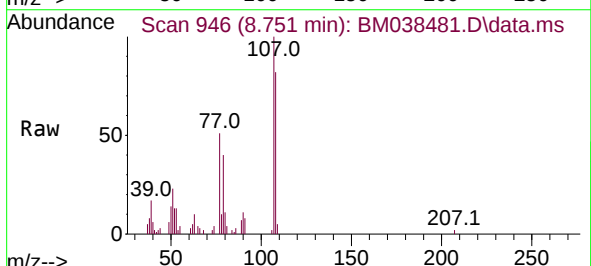
Ion Ratio Lower Upper

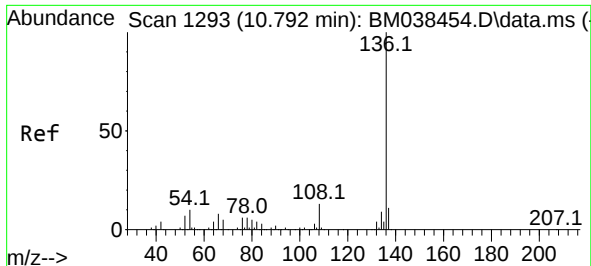
107 100

108 81.7 67.6 107.6

77 51.4 24.1 64.1

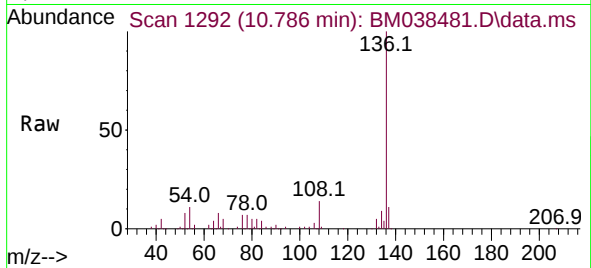
79 40.3 17.8 57.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.786 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

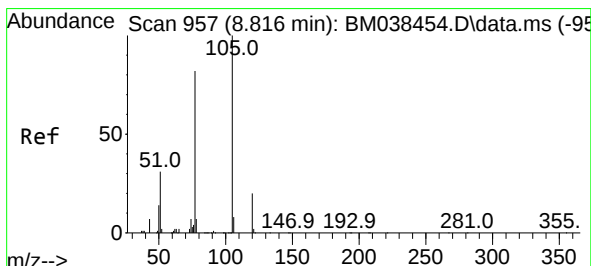
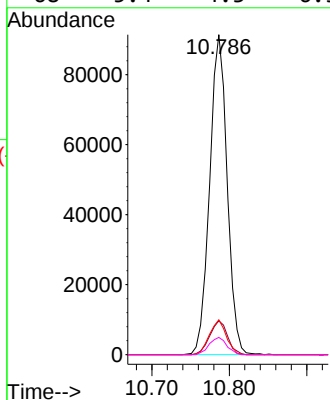
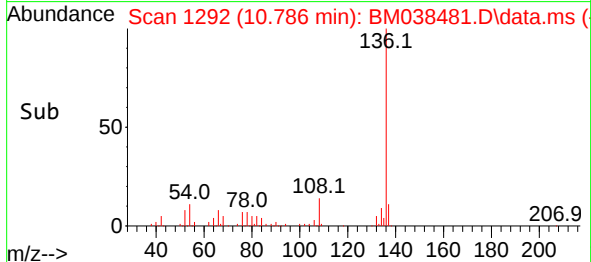
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion:136 Resp: 143376
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 10.9 7.6 11.4
68 5.4 4.3 6.5

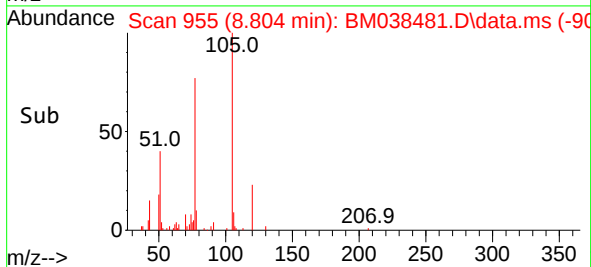
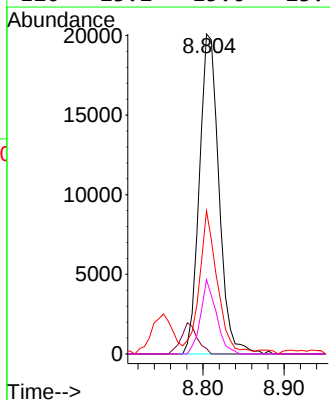
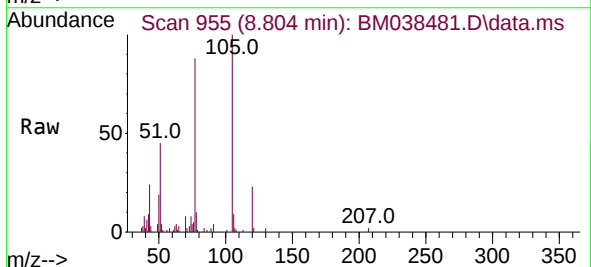
Manual Integrations
APPROVED

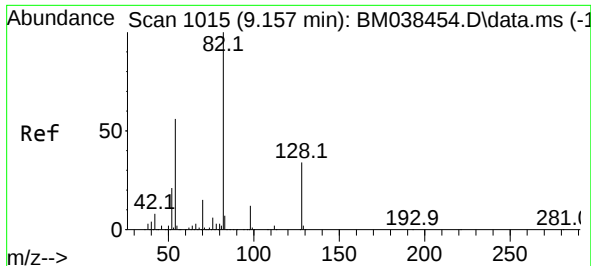
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#22
Acetophenone
Concen: 7.949 ng
RT: 8.804 min Scan# 955
Delta R.T. -0.006 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Tgt Ion:105 Resp: 33685
Ion Ratio Lower Upper
105 100
71 1.7 1.0 1.6#
51 44.7 27.4 41.2#
120 23.2 15.6 23.4





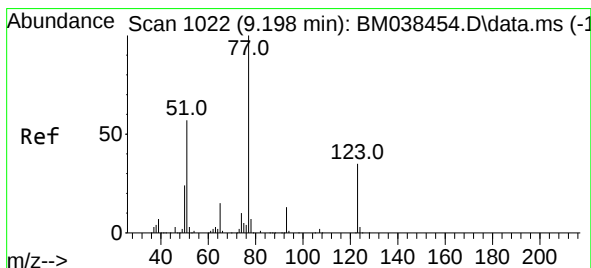
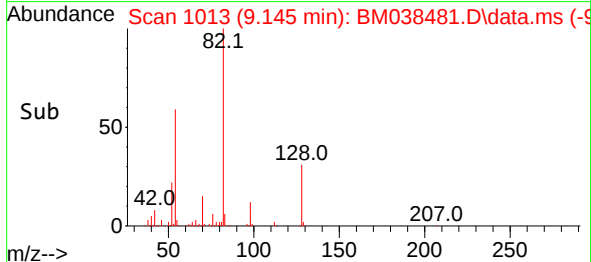
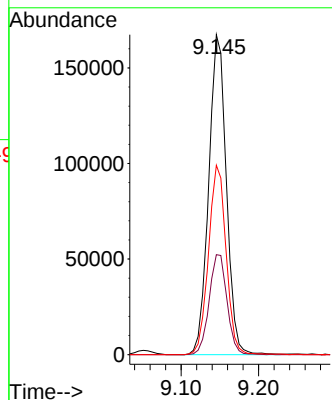
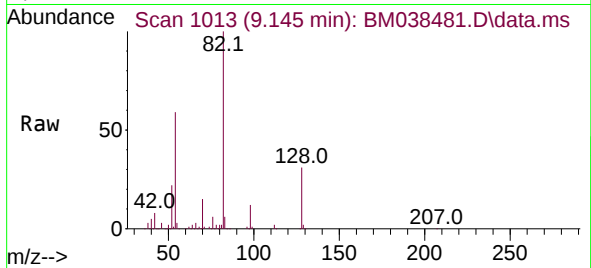
#23
Nitrobenzene-d5
Concen: 75.196 ng
RT: 9.145 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 82 Resp: 264591
Ion Ratio Lower Upper
82 100
128 31.2 27.0 40.6
54 59.2 45.0 67.6

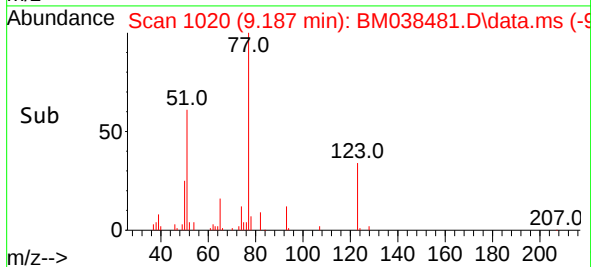
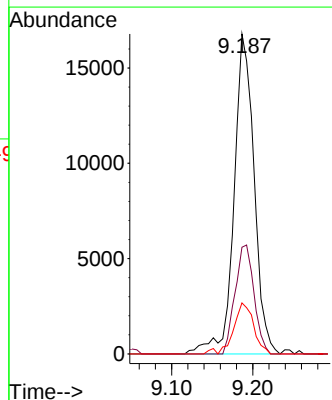
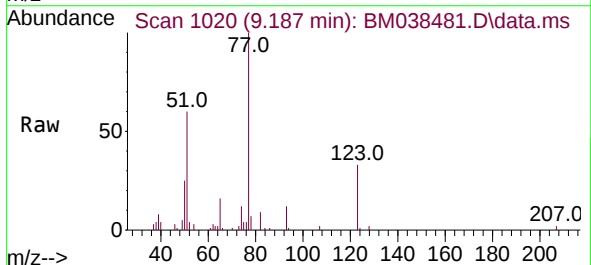
Manual Integrations
APPROVED

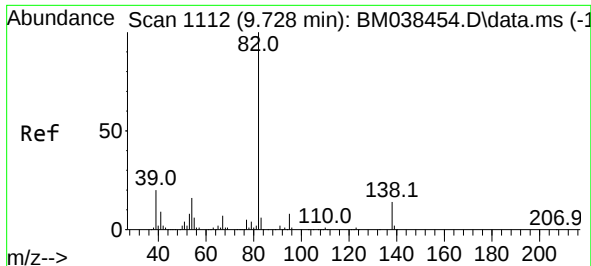
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#24
Nitrobenzene
Concen: 7.779 ng
RT: 9.187 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

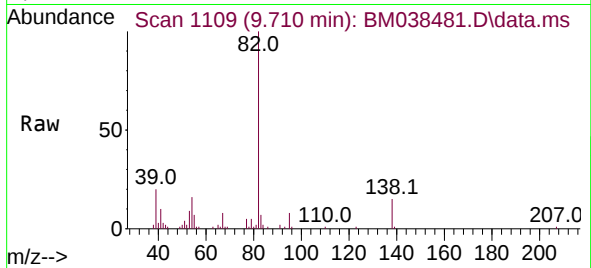
Tgt Ion: 77 Resp: 28922
Ion Ratio Lower Upper
77 100
123 33.3 28.2 42.4
65 15.9 12.1 18.1





#25
Isophorone
Concen: 7.160 ng
RT: 9.710 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

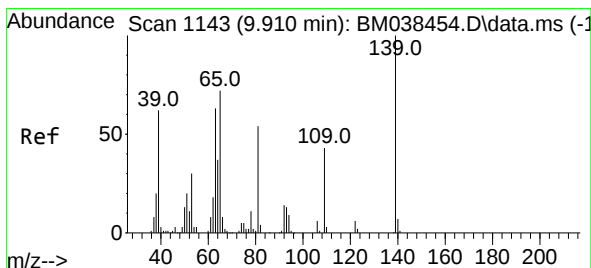
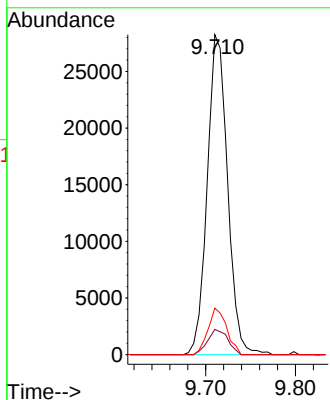
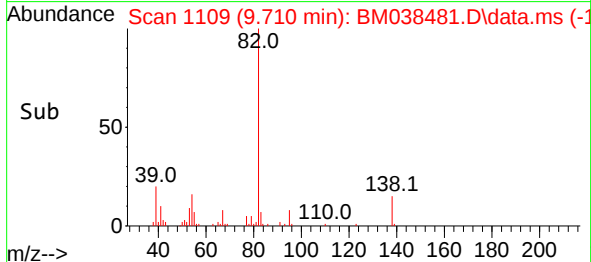
Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 82 Resp: 44628
Ion Ratio Lower Upper
82 100
95 7.9 6.1 9.1
138 14.5 11.5 17.3

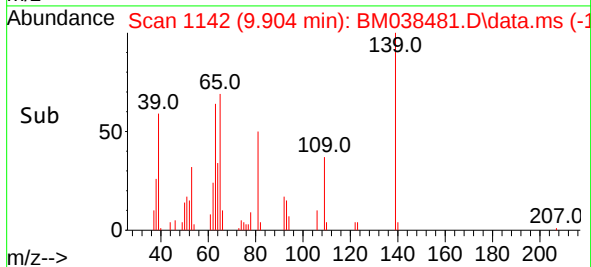
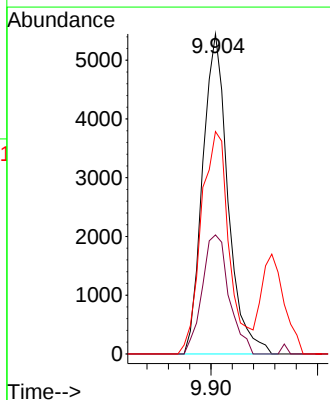
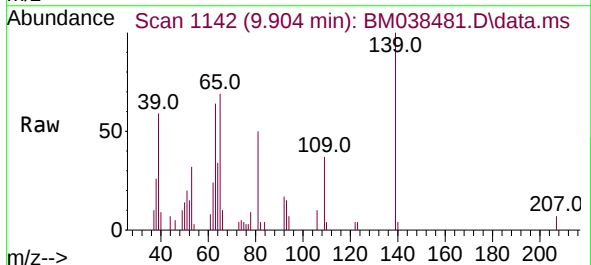
Manual Integrations
APPROVED

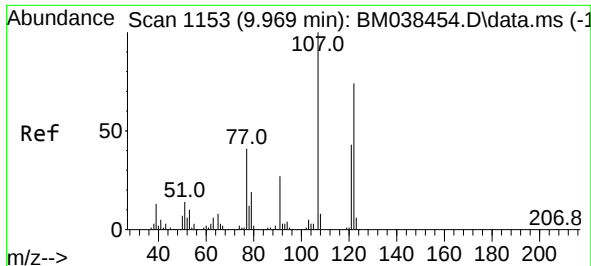
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#26
2-Nitrophenol
Concen: 6.877 ng
RT: 9.904 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Tgt Ion:139 Resp: 8976
Ion Ratio Lower Upper
139 100
109 37.2 34.7 52.1
65 69.5 57.4 86.0





#27

2,4-Dimethylphenol

Concen: 6.585 ng

RT: 9.957 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

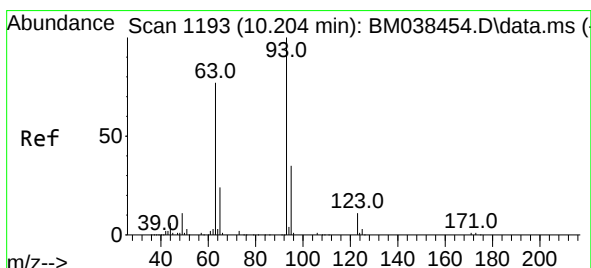
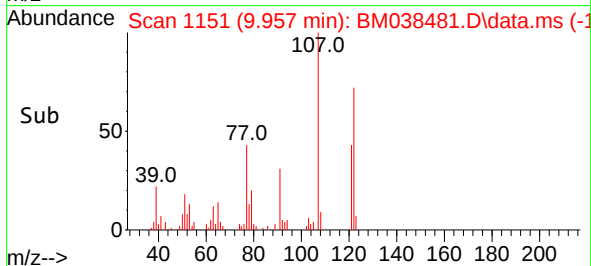
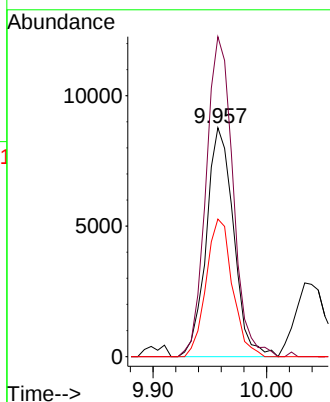
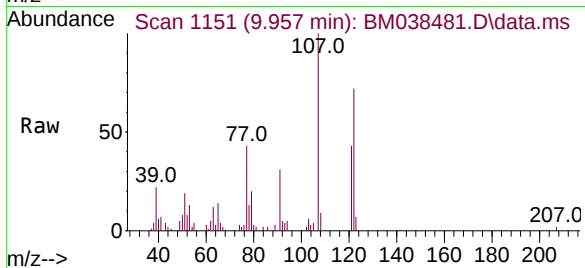
Tgt Ion:122 Resp: 14636

Ion	Ratio	Lower	Upper
122	100		
107	139.8	107.4	161.0
121	60.1	46.6	70.0

Manual Integrations

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



#28

bis(2-Chloroethoxy)methane

Concen: 7.326 ng

RT: 10.198 min Scan# 1192

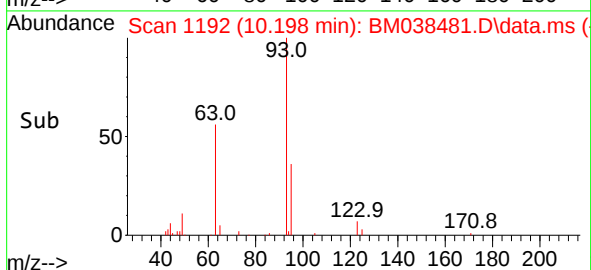
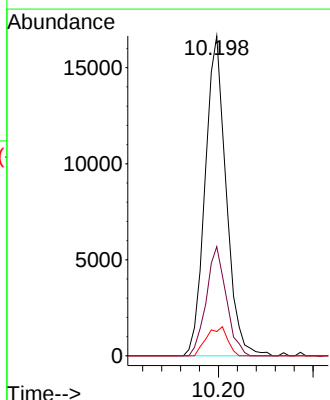
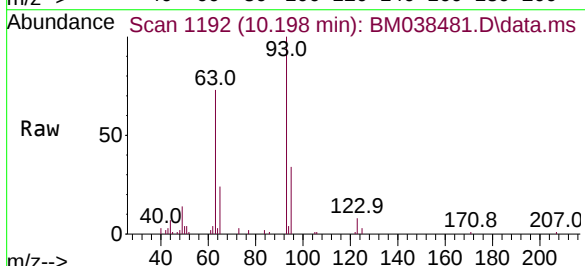
Delta R.T. 0.000 min

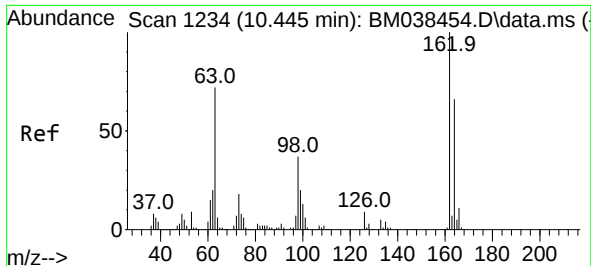
Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

Tgt Ion: 93 Resp: 25679

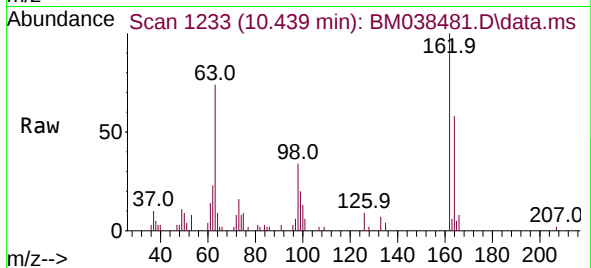
Ion	Ratio	Lower	Upper
93	100		
95	34.1	27.7	41.5
123	7.6	8.6	13.0





#29
2,4-Dichlorophenol
Concen: 6.543 ng
RT: 10.439 min Scan# 1268
Delta R.T. 0.006 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

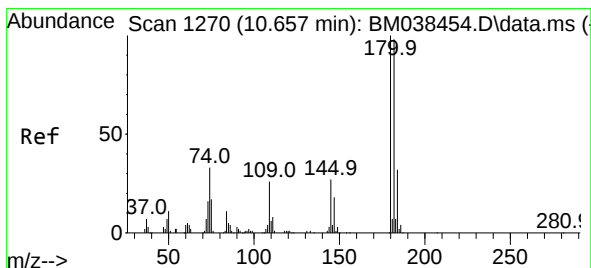
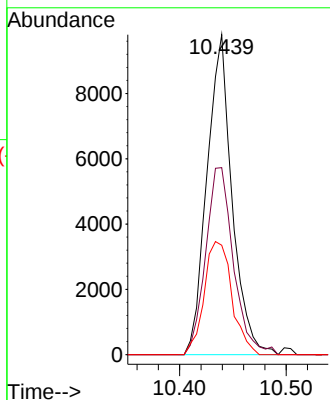
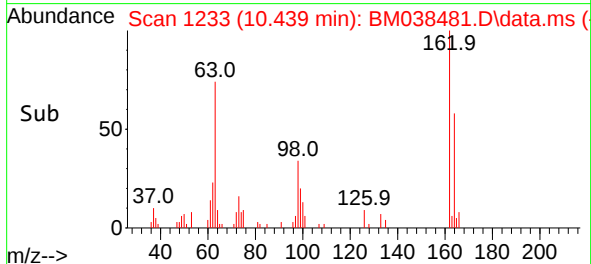
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



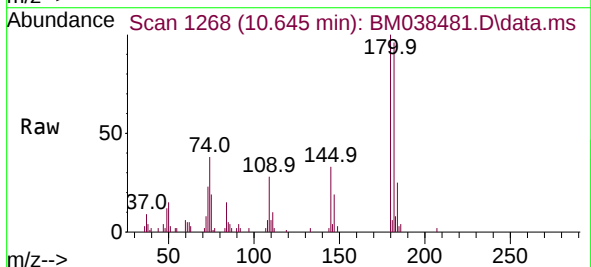
Tgt Ion:162 Resp: 1606
Ion Ratio Lower Upper
162 100
164 58.4 46.5 86.5
98 34.2 17.1 57.1

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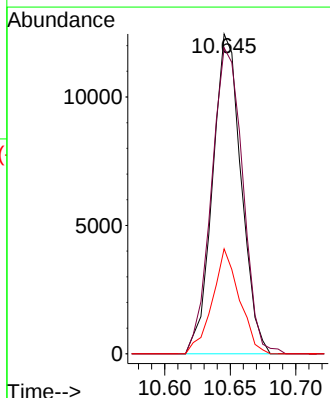
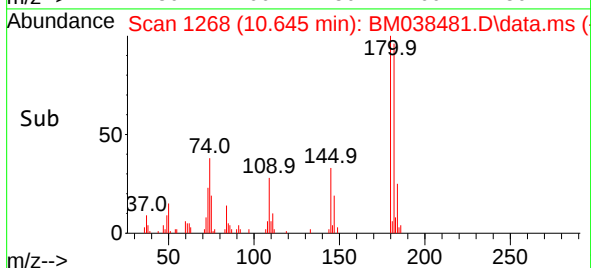
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

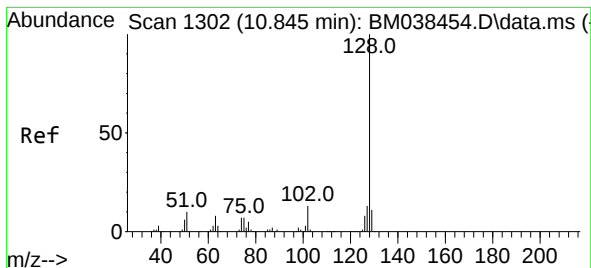


#30
1,2,4-Trichlorobenzene
Concen: 6.666 ng
RT: 10.645 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48



Tgt Ion:180 Resp: 18928
Ion Ratio Lower Upper
180 100
182 95.7 78.1 117.1
145 32.8 21.9 32.9





#31

Naphthalene

Concen: 7.124 ng

RT: 10.834 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

Instrument :

BNA_M

ClientSampleId :

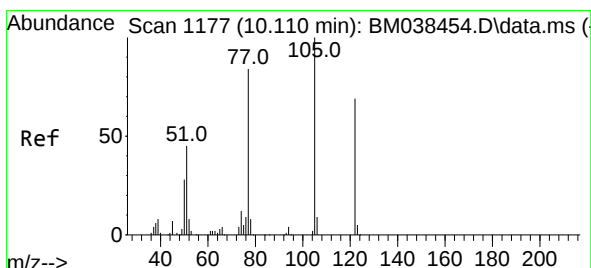
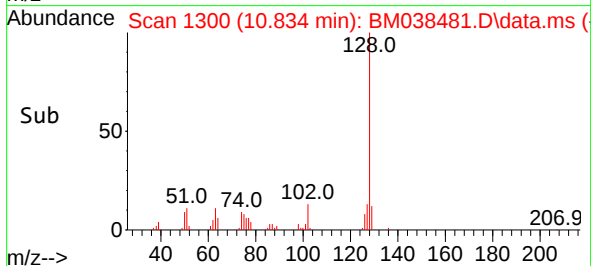
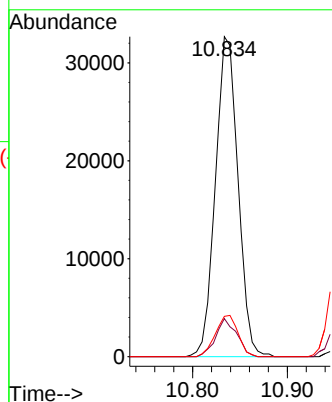
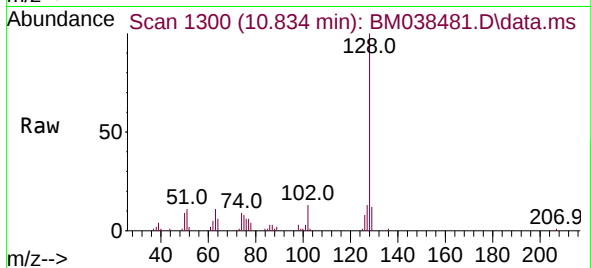
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:128 Resp: 54128
 Ion Ratio Lower Upper
 128 100
 129 11.9 8.9 13.3
 127 12.6 10.8 16.2

Manual Integrations

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



#32

Benzoic acid

Concen: 8.623 ng m

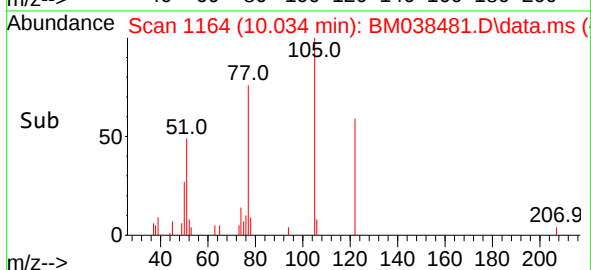
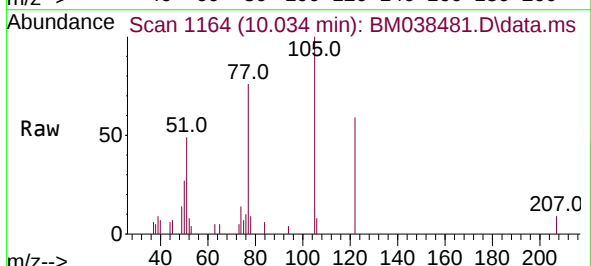
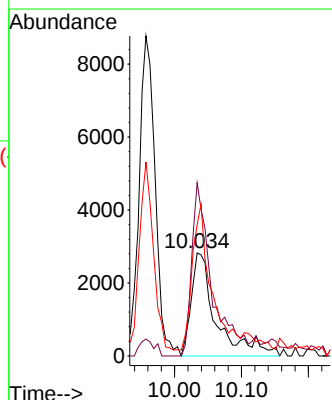
RT: 10.034 min Scan# 1164

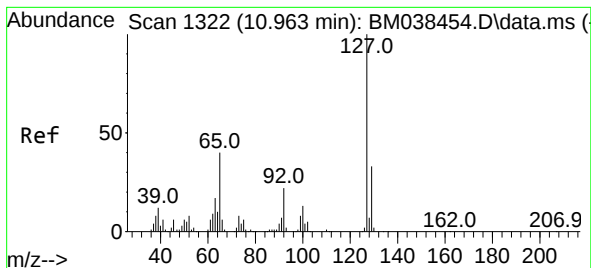
Delta R.T. -0.064 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

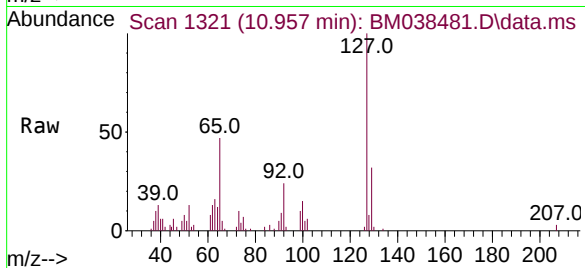
Tgt Ion:122 Resp: 7278
 Ion Ratio Lower Upper
 122 100
 105 168.2 122.6 162.6#
 77 127.3 101.5 141.5





#33
4-Chloroaniline
Concen: 6.302 ng
RT: 10.957 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

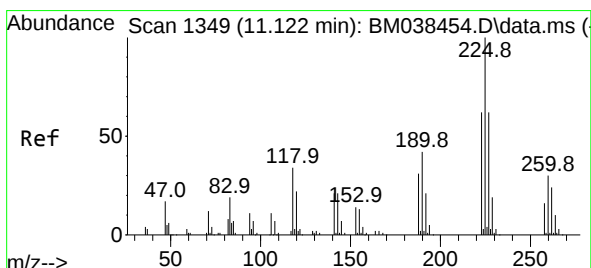
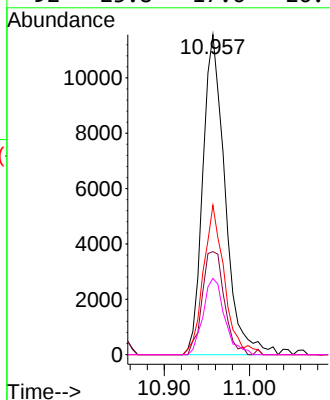
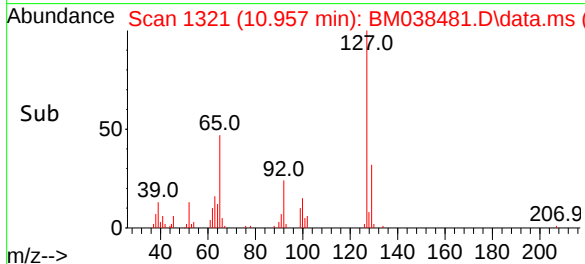
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



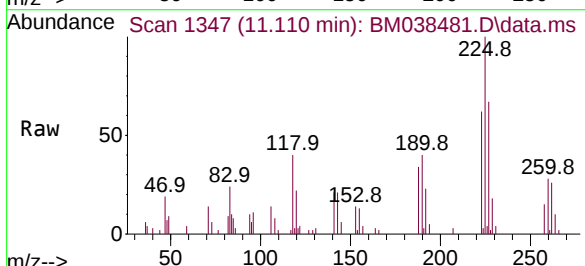
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.4	39.6
65	46.7	32.1	48.1
92	23.8	17.6	26.4

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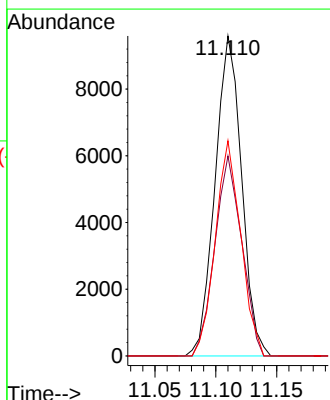
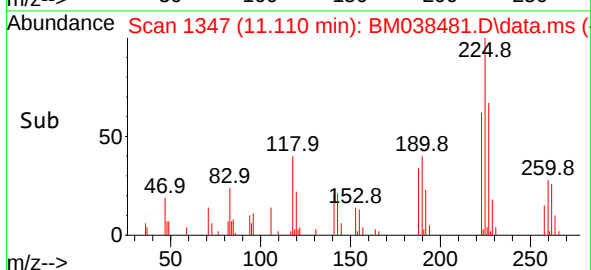
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

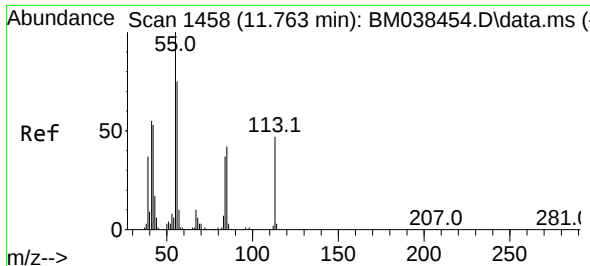


#34
Hexachlorobutadiene
Concen: 7.302 ng
RT: 11.110 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48



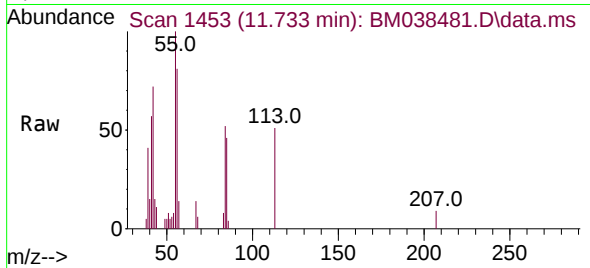
Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.4	49.8	74.8
227	67.2	49.6	74.4





#35
Caprolactam
Concen: 5.272 ng
RT: 11.733 min Scan# 1458
Delta R.T. -0.017 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

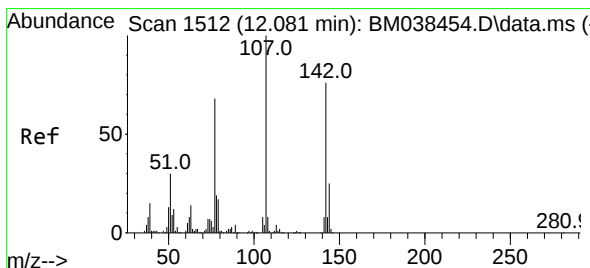
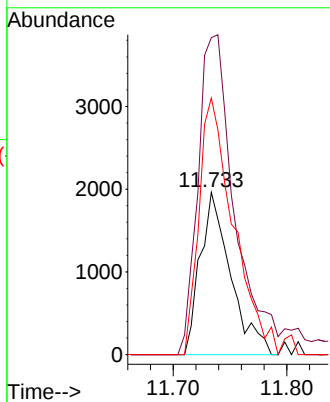
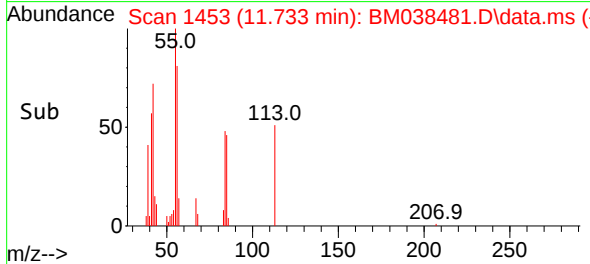
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



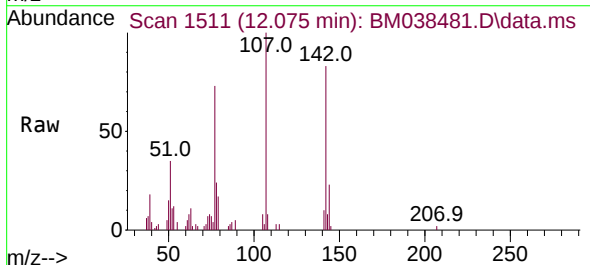
Tgt Ion:113 Resp: 3659
Ion Ratio Lower Upper
113 100
55 195.3 194.2 234.2
56 158.2 141.6 181.6

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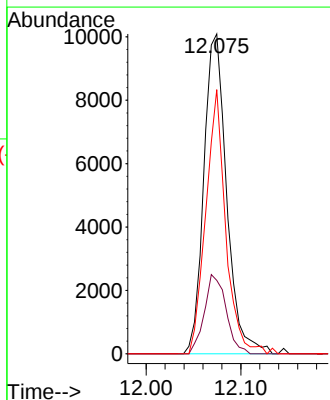
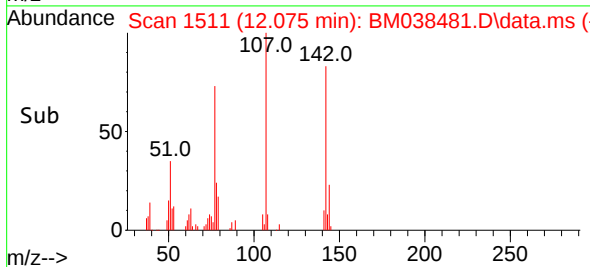
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

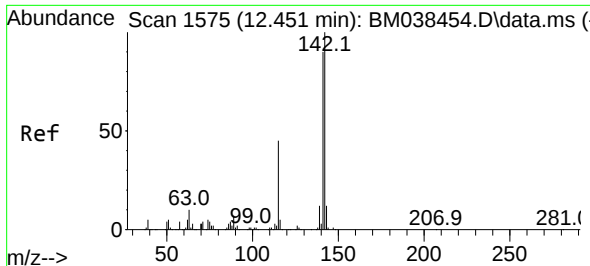


#36
4-Chloro-3-methylphenol
Concen: 6.328 ng
RT: 12.075 min Scan# 1511
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48



Tgt Ion:107 Resp: 16941
Ion Ratio Lower Upper
107 100
144 23.0 20.3 30.5
142 82.6 61.2 91.8





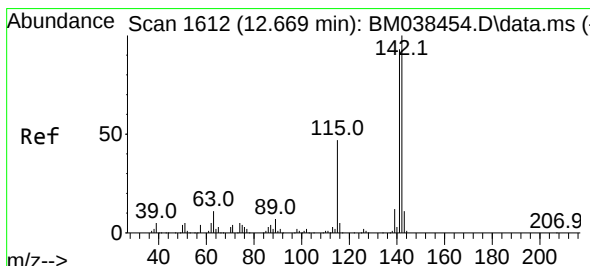
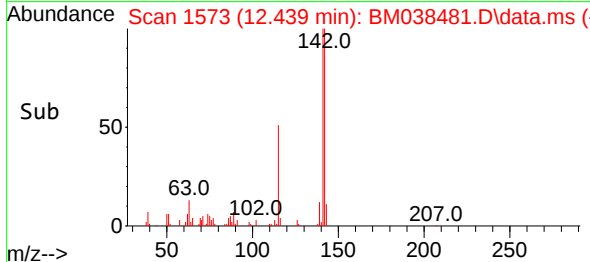
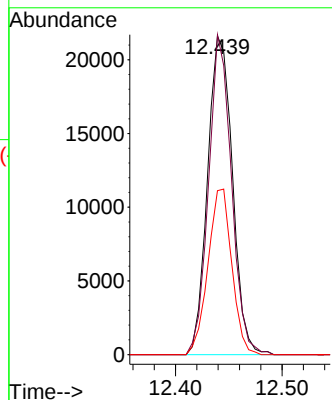
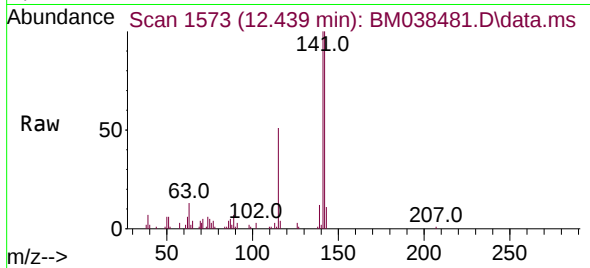
#37
2-Methylnaphthalene
Concen: 6.302 ng
RT: 12.439 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:142 Resp: 3501
Ion Ratio Lower Upper
142 100
141 100.4 72.0 108.0
115 51.4 35.9 53.9

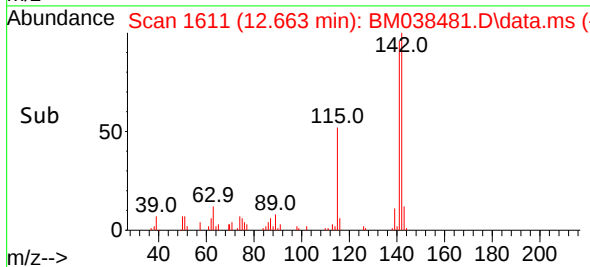
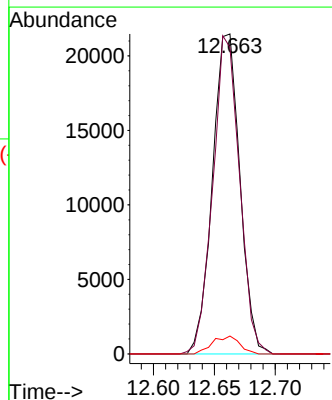
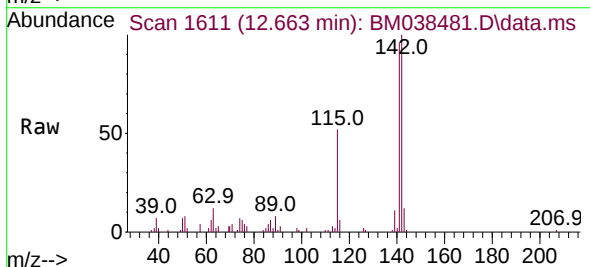
Manual Integrations
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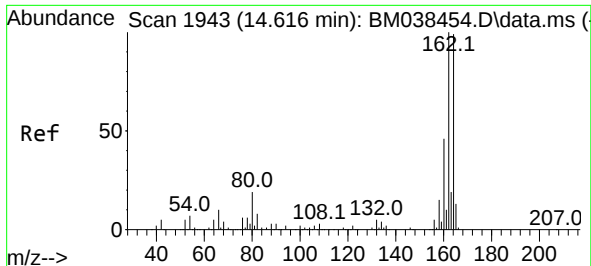
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#38
1-Methylnaphthalene
Concen: 6.448 ng
RT: 12.663 min Scan# 1611
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

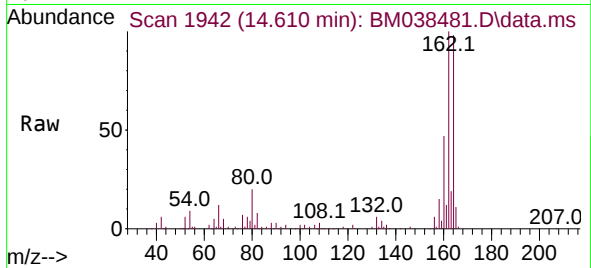
Tgt Ion:142 Resp: 33632
Ion Ratio Lower Upper
142 100
141 95.8 74.4 111.6
116 5.6 3.8 5.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

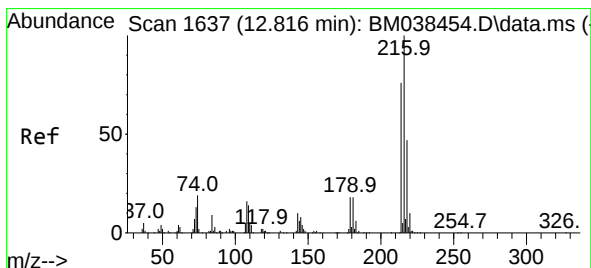
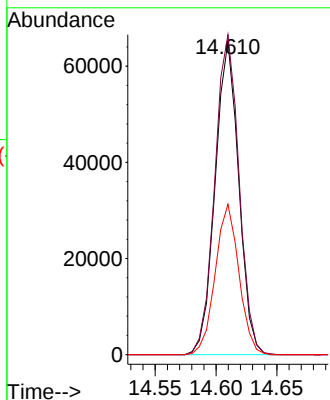
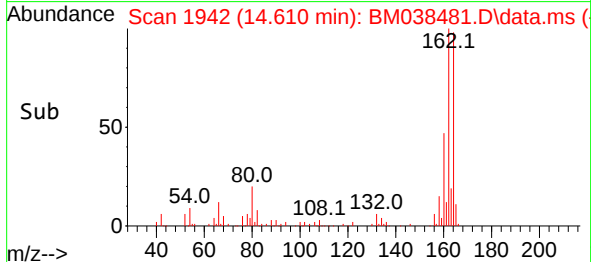
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



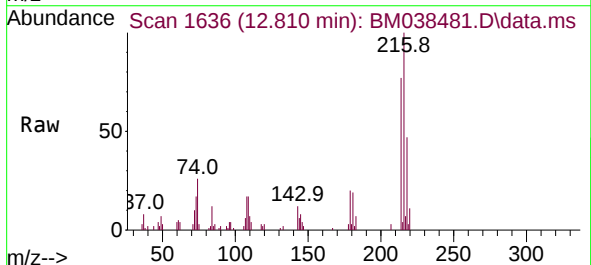
Tgt Ion:164 Resp: 87683
Ion Ratio Lower Upper
164 100
162 102.1 80.9 121.3
160 48.0 37.4 56.0

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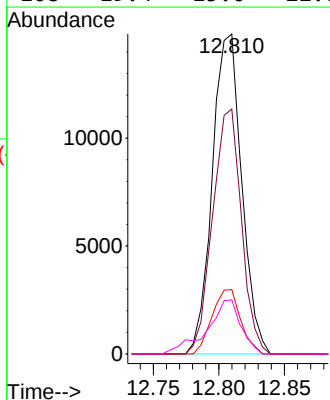
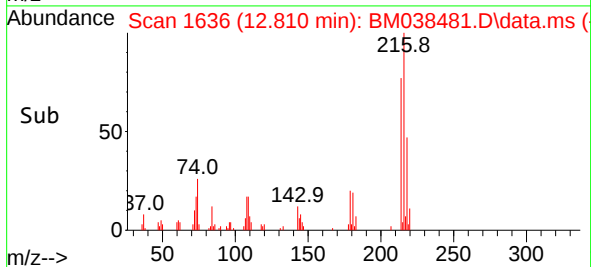
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

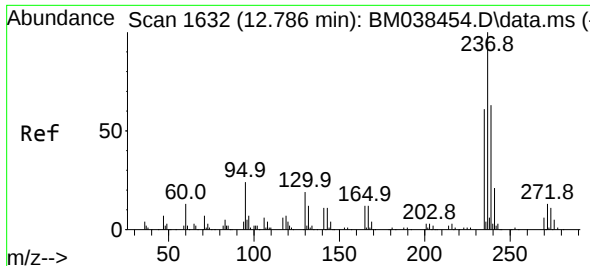


#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.056 ng
RT: 12.810 min Scan# 1636
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48



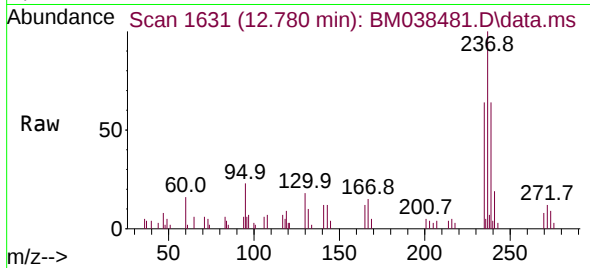
Tgt Ion:216 Resp: 23156
Ion Ratio Lower Upper
216 100
214 74.8 61.4 92.0
179 19.5 15.3 22.9
108 19.4 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 6.748 ng
RT: 12.780 min Scan# 1632
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

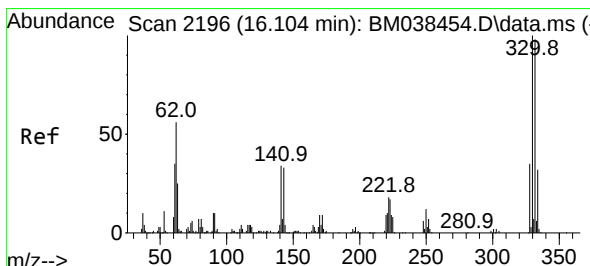
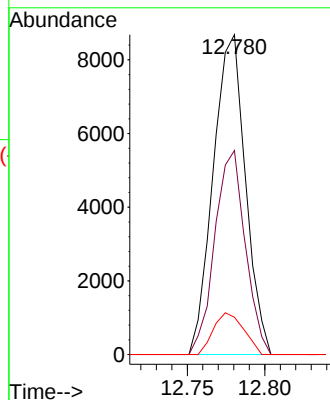
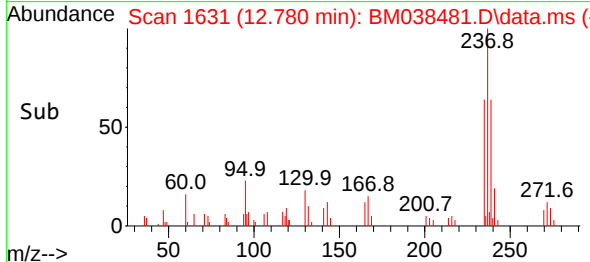
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



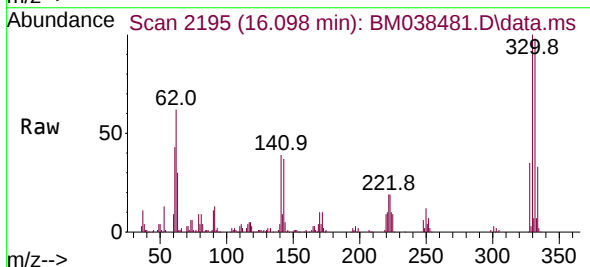
Tgt Ion: 237 Resp: 12591
Ion Ratio Lower Upper
237 100
235 63.8 40.9 80.9
272 11.7 0.0 32.6

Manual Integrations
APPROVED

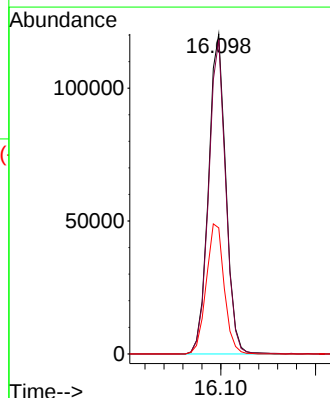
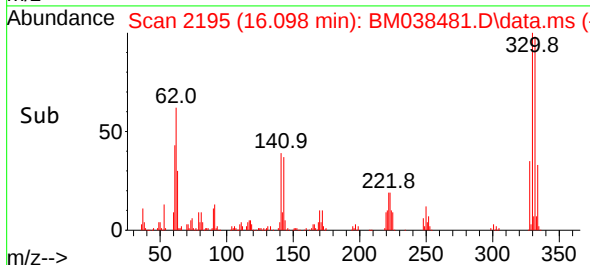
Reviewed By : Christian Giraldo 01/19/2023
Supervised By : Jagrut Upadhyay 01/19/2023

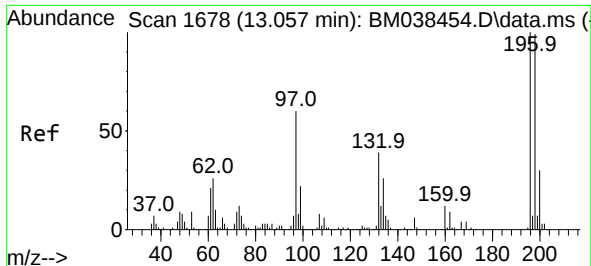


#42
2,4,6-Tribromophenol
Concen: 103.281 ng
RT: 16.098 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48



Tgt Ion: 330 Resp: 153091
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.4
141 42.0 28.1 42.1





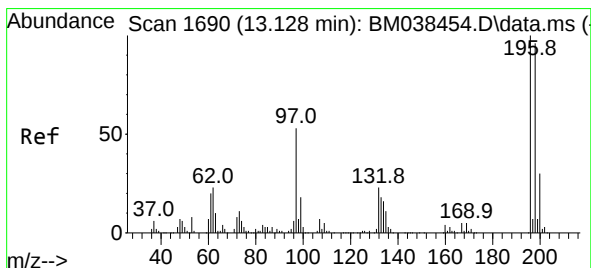
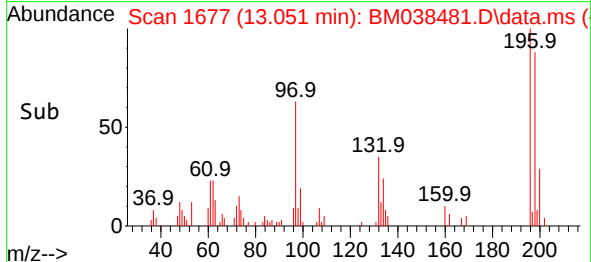
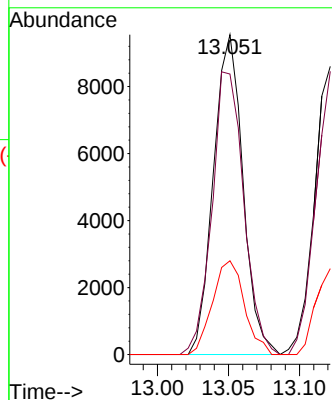
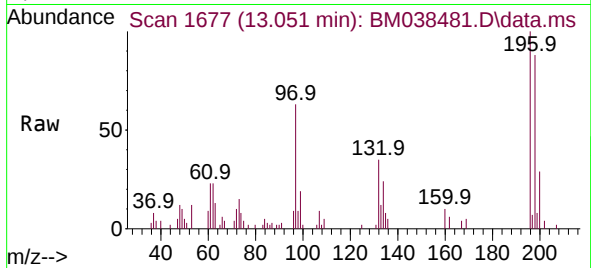
#43
2,4,6-Trichlorophenol
Concen: 6.661 ng
RT: 13.051 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:196 Resp: 13819
Ion Ratio Lower Upper
196 100
198 87.7 78.8 118.2
200 29.3 24.4 36.6

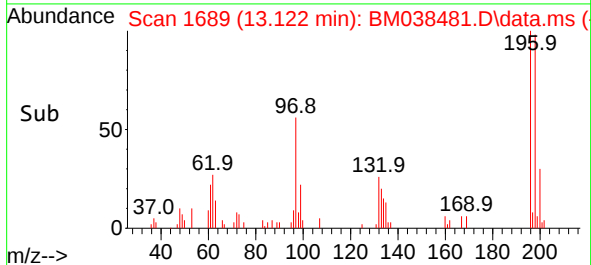
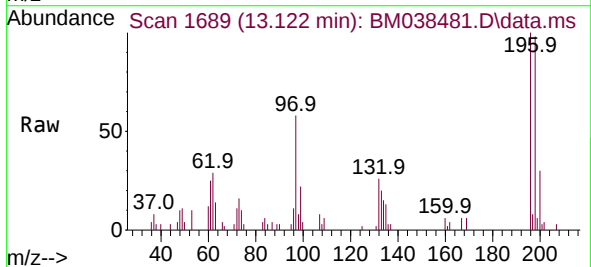
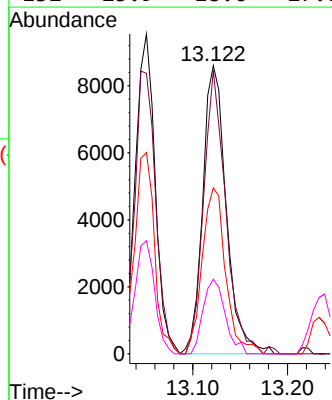
Manual Integrations
APPROVED

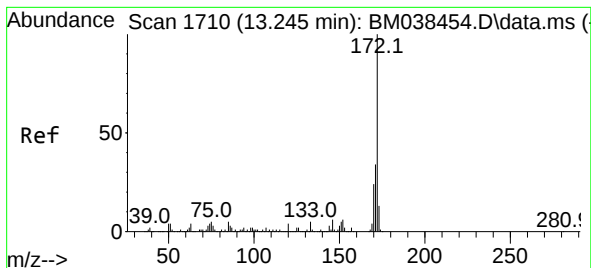
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#44
2,4,5-Trichlorophenol
Concen: 6.082 ng
RT: 13.122 min Scan# 1689
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Tgt Ion:196 Resp: 14877
Ion Ratio Lower Upper
196 100
198 98.3 77.4 116.2
97 57.6 42.4 63.6
132 25.9 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 70.237 ng

RT: 13.233 min Scan# 1708

Delta R.T. -0.006 min

Lab File: BM038481.D

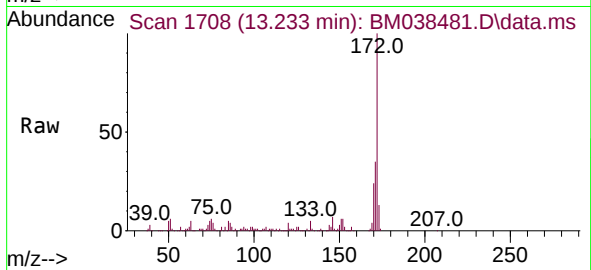
Acq: 18 Jan 2023 15:48

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022



Tgt Ion:172 Resp: 493834

Ion Ratio Lower Upper

172 100

171 35.5 27.5 41.3

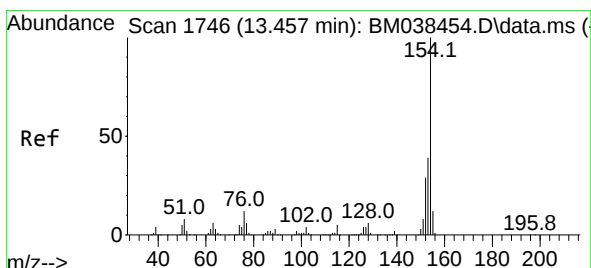
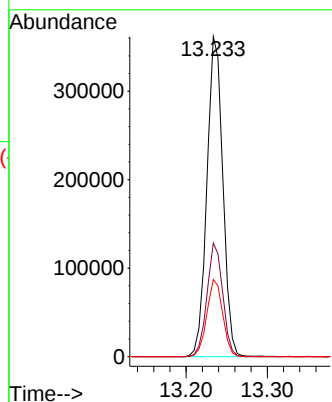
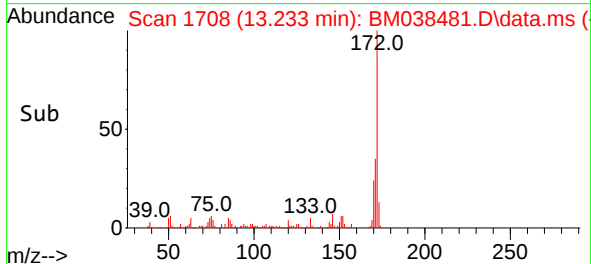
170 24.1 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/19/2023

Supervised By :Jagrut Upadhyay 01/19/2023



#46

1,1'-Biphenyl

Concen: 7.327 ng

RT: 13.445 min Scan# 1744

Delta R.T. 0.000 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

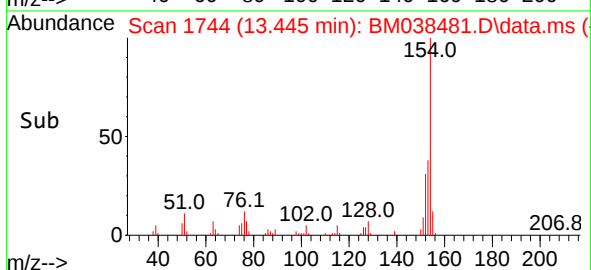
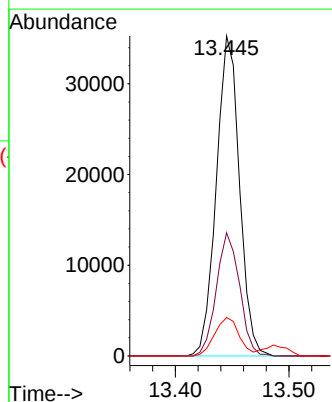
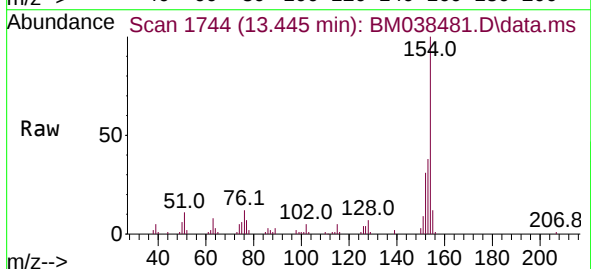
Tgt Ion:154 Resp: 49842

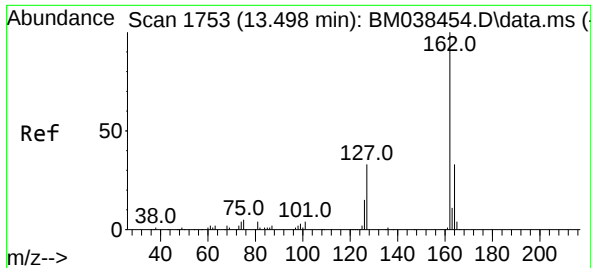
Ion Ratio Lower Upper

154 100

153 38.5 19.3 59.3

76 12.0 0.0 32.2





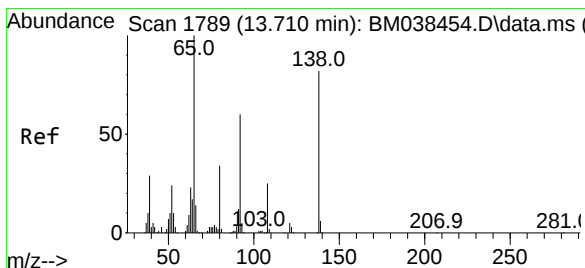
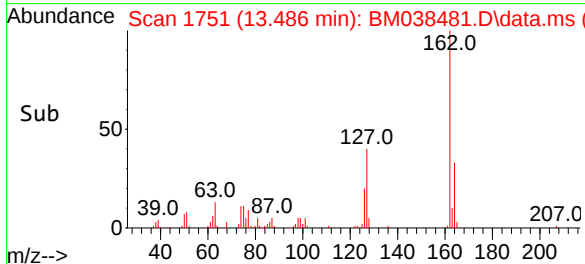
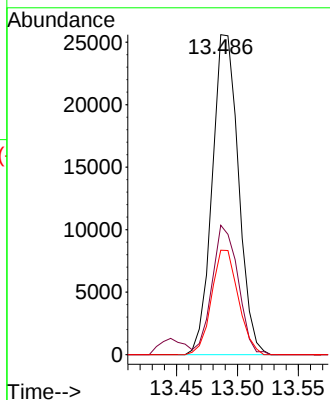
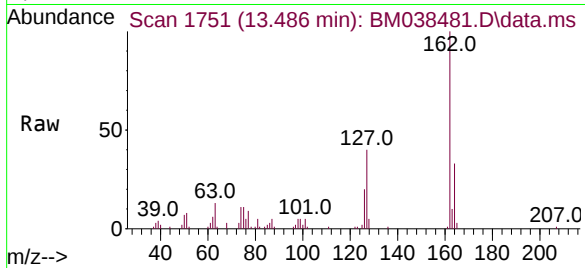
#47
2-Chloronaphthalene
Concen: 7.181 ng
RT: 13.486 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.4	29.5	44.3
164	32.6	26.2	39.4

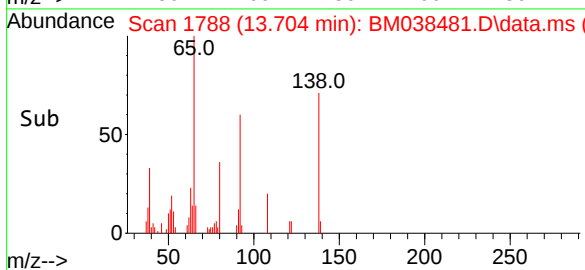
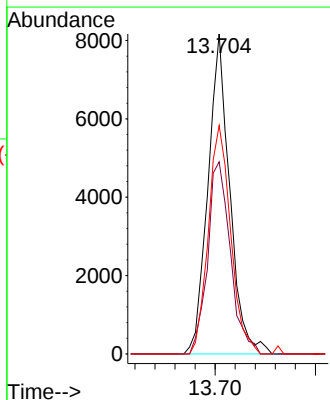
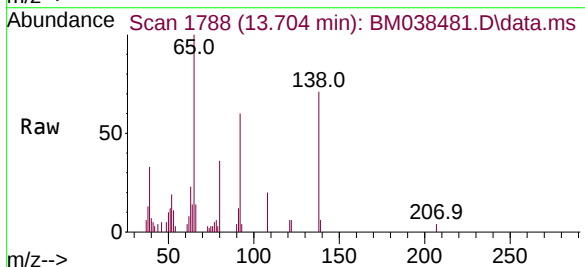
Manual Integrations
APPROVED

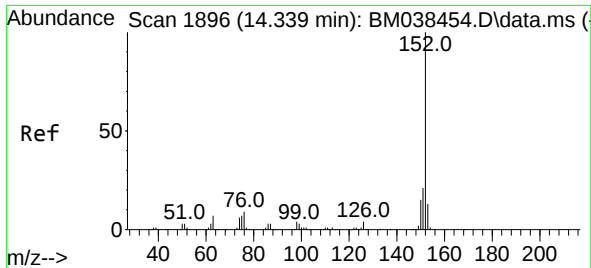
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#48
2-Nitroaniline
Concen: 7.806 ng
RT: 13.704 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.0	47.6	71.4
138	71.4	65.8	98.8





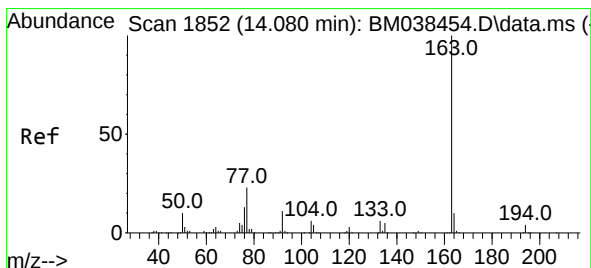
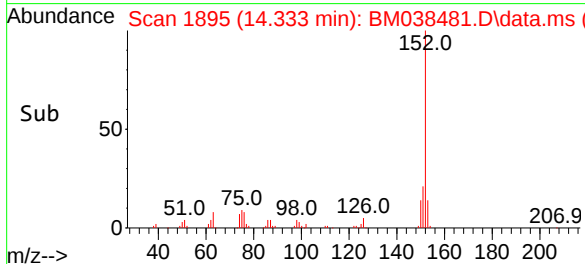
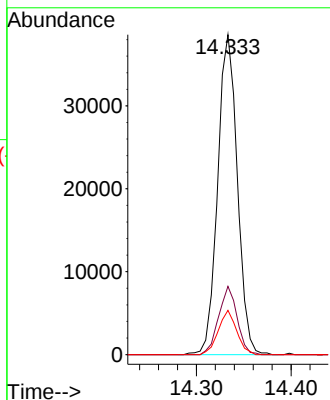
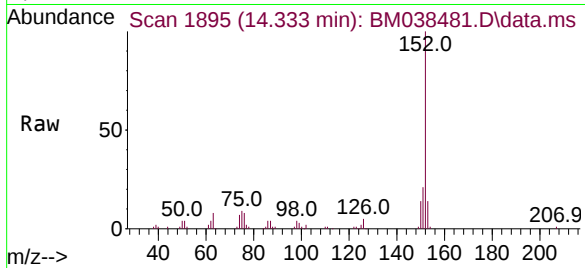
#49
Acenaphthylene
Concen: 6.590 ng
RT: 14.333 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:152 Resp: 55624
Ion Ratio Lower Upper
152 100
151 21.3 16.4 24.6
153 13.8 10.6 15.8

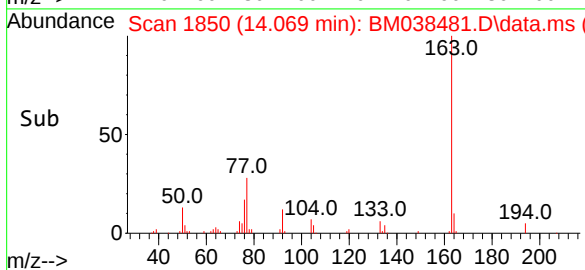
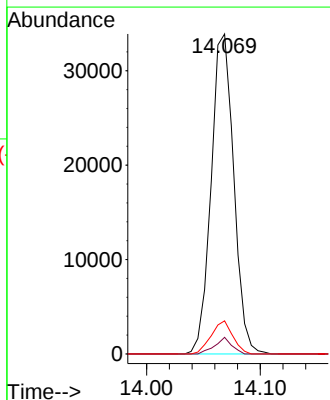
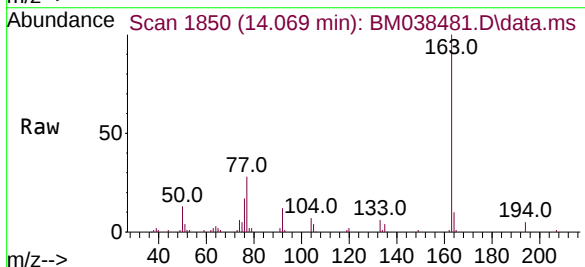
Manual Integrations
APPROVED

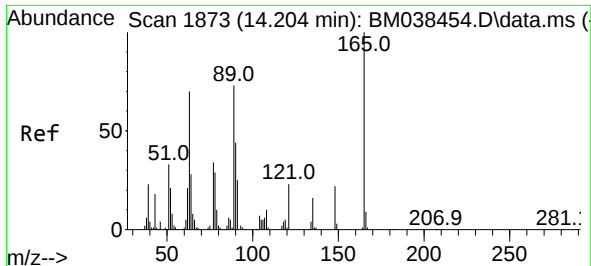
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#50
Dimethylphthalate
Concen: 6.601 ng
RT: 14.069 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

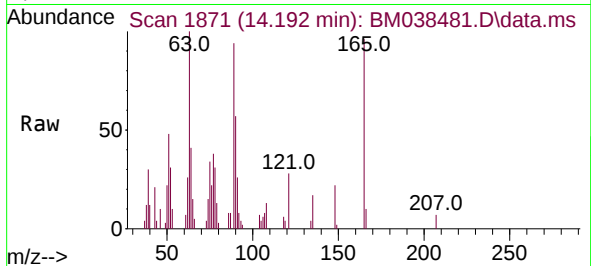
Tgt Ion:163 Resp: 46906
Ion Ratio Lower Upper
163 100
194 5.2 3.6 5.4
164 10.3 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 6.061 ng
RT: 14.192 min Scan# 1873
Delta R.T. -0.006 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

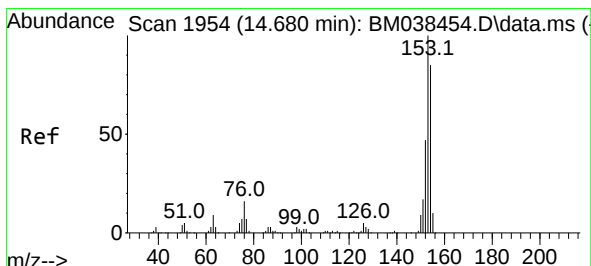
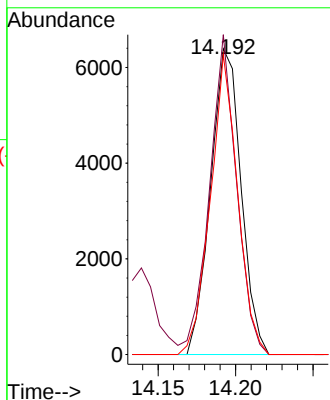
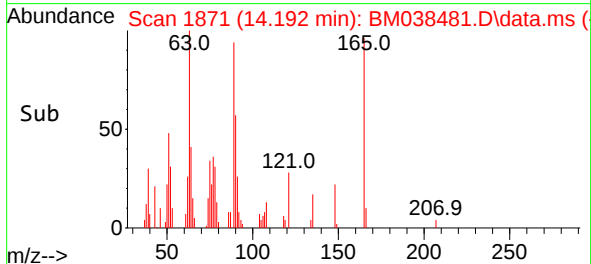
Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion:165 Resp: 8762
Ion Ratio Lower Upper
165 100
63 104.6 60.9 91.3
89 98.2 58.6 87.8

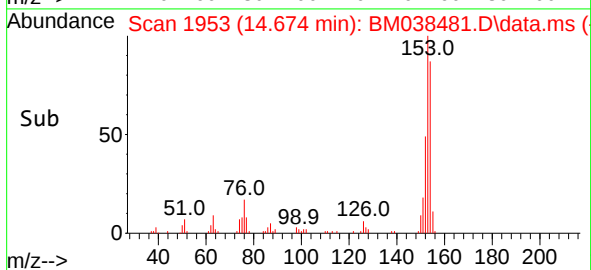
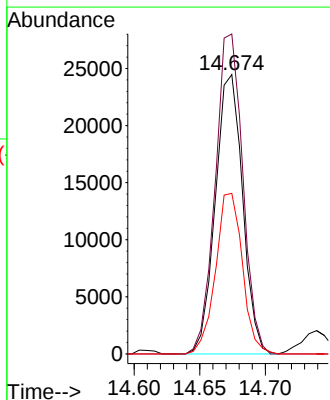
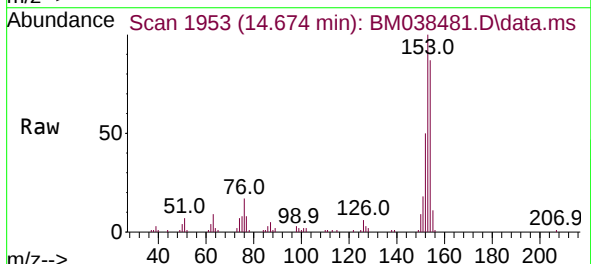
Manual Integrations
APPROVED

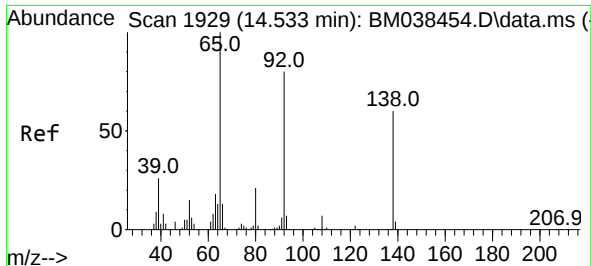
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#52
Acenaphthene
Concen: 6.902 ng
RT: 14.674 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Tgt Ion:154 Resp: 35406
Ion Ratio Lower Upper
154 100
153 114.5 93.8 140.6
152 57.5 44.2 66.4





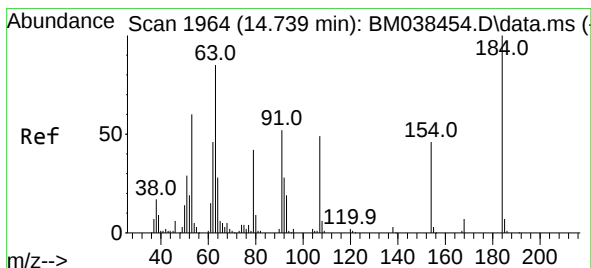
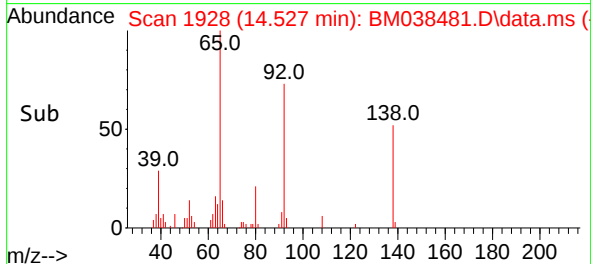
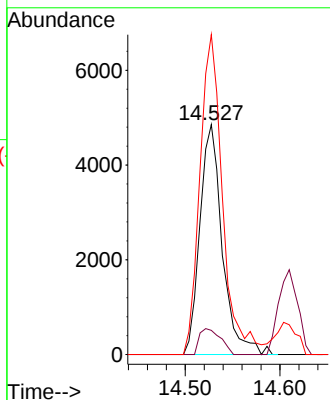
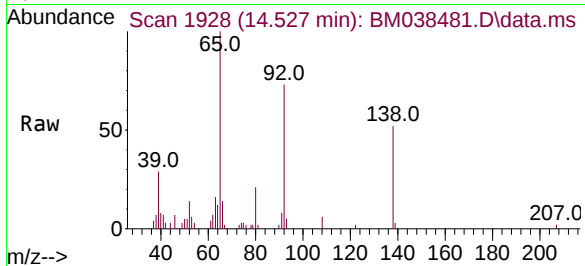
#53
3-Nitroaniline
Concen: 7.394 ng
RT: 14.527 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:138 Resp: 7992
Ion Ratio Lower Upper
138 100
108 10.6 8.9 13.3
92 139.1 106.4 159.6

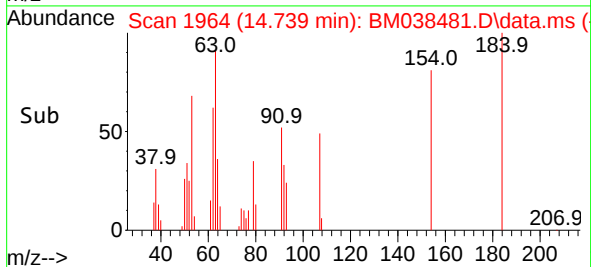
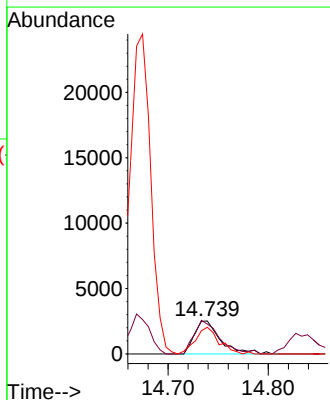
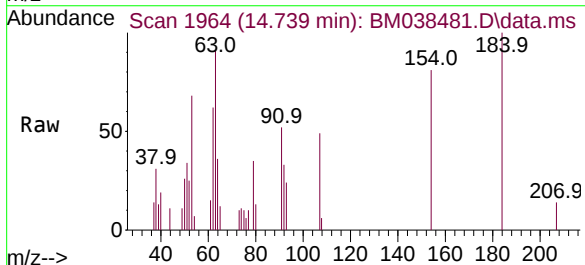
Manual Integrations
APPROVED

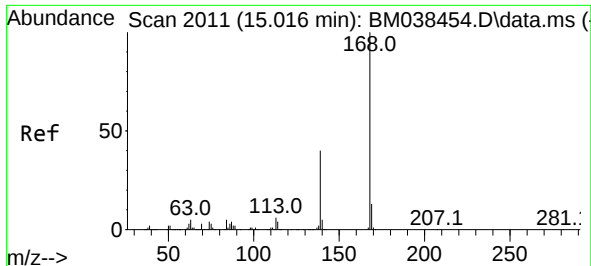
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#54
2,4-Dinitrophenol
Concen: 9.046 ng
RT: 14.739 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

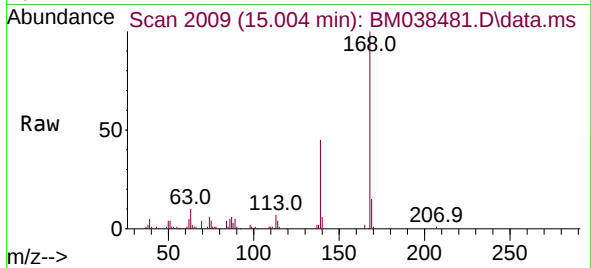
Tgt Ion:184 Resp: 4506
Ion Ratio Lower Upper
184 100
63 90.8 70.0 105.0
154 81.1 55.6 83.4





#55
Dibenzenofuran
Concen: 6.663 ng
RT: 15.004 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

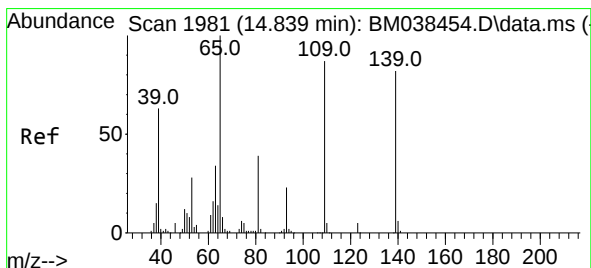
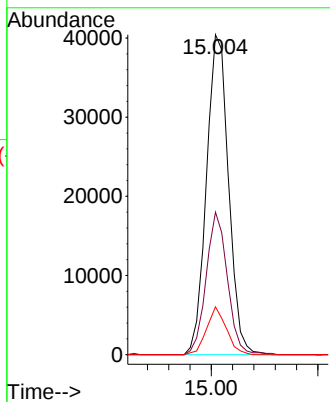
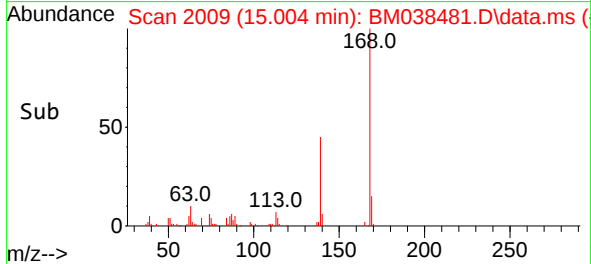
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion:168 Resp: 58194
Ion Ratio Lower Upper
168 100
139 44.5 31.9 47.9
169 14.9 10.5 15.7

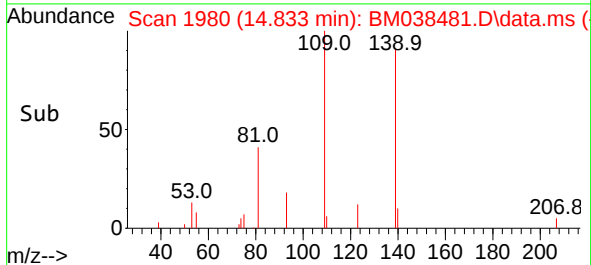
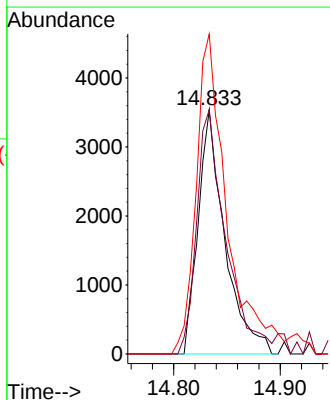
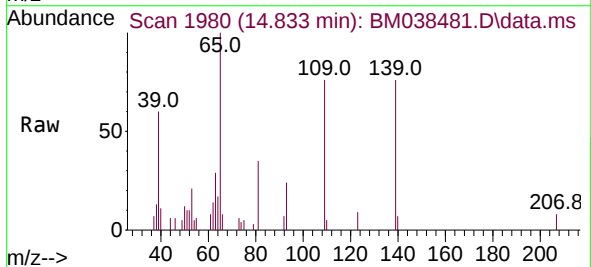
Manual Integrations
APPROVED

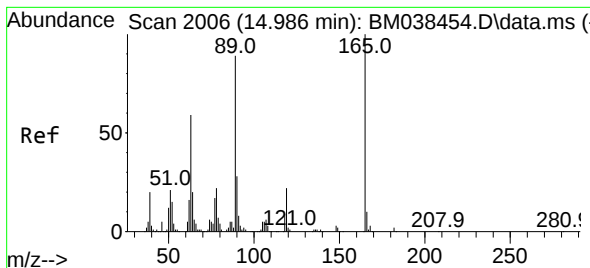
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#56
4-Nitrophenol
Concen: 8.348 ng
RT: 14.833 min Scan# 1980
Delta R.T. 0.006 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

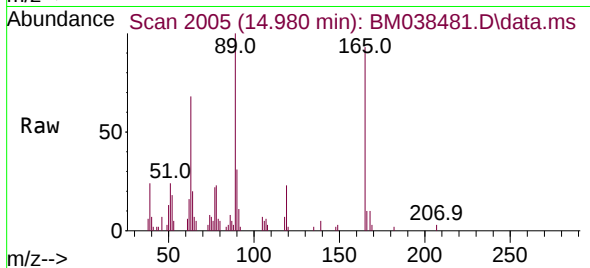
Tgt Ion:139 Resp: 6132
Ion Ratio Lower Upper
139 100
109 100.1 86.0 126.0
65 131.1 102.7 142.7





#57
2,4-Dinitrotoluene
Concen: 5.800 ng
RT: 14.980 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

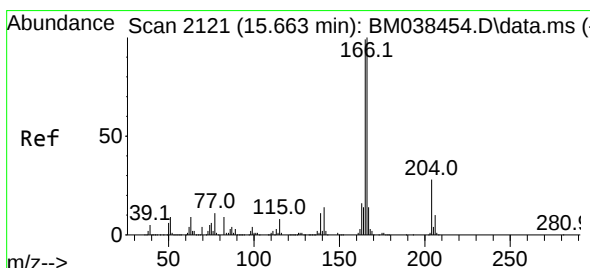
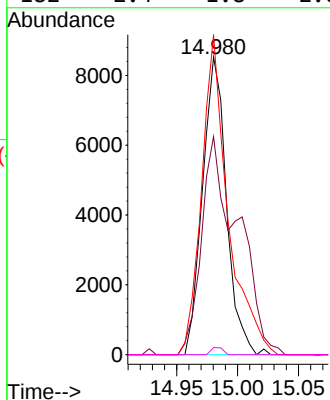
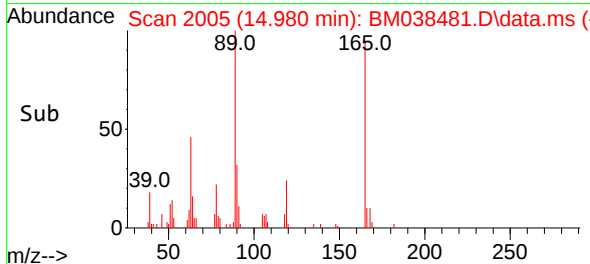
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



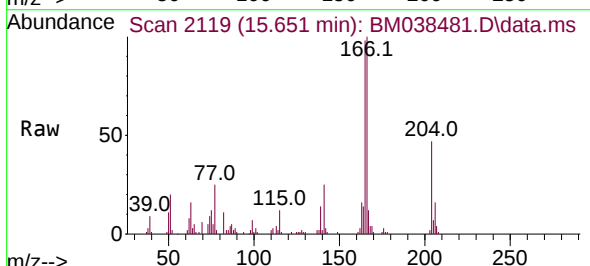
Tgt Ion:165 Resp: 1165
Ion Ratio Lower Upper
165 100
63 73.3 47.7 71.5
89 107.6 71.5 107.3
182 2.4 1.8 2.6

Manual Integrations
APPROVED

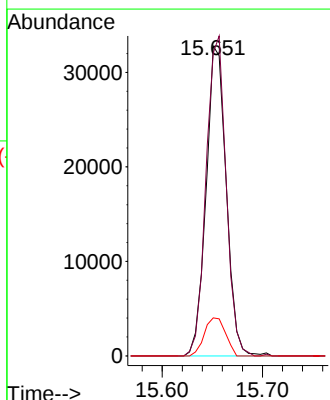
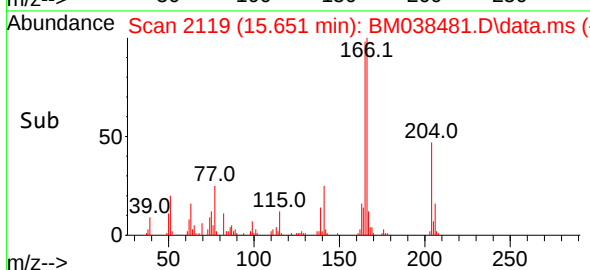
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

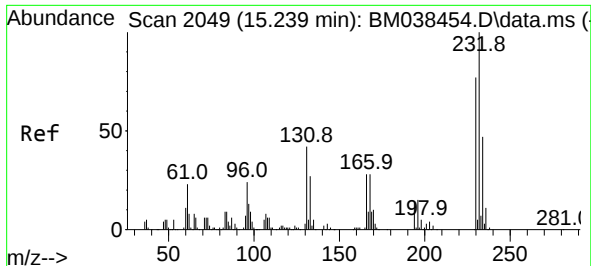


#58
Fluorene
Concen: 6.274 ng
RT: 15.651 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48



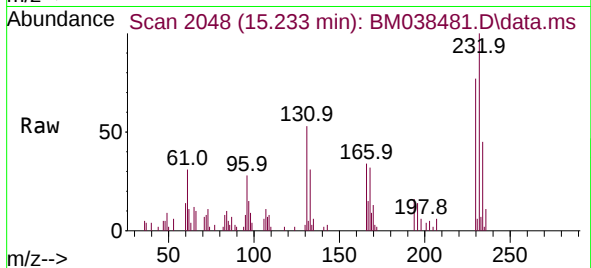
Tgt Ion:166 Resp: 45782
Ion Ratio Lower Upper
166 100
165 97.7 79.2 118.8
167 12.3 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 6.038 ng
RT: 15.233 min Scan# 2048
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

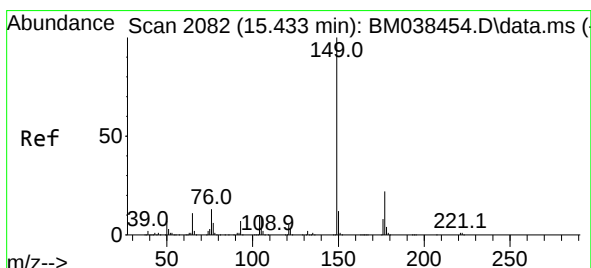
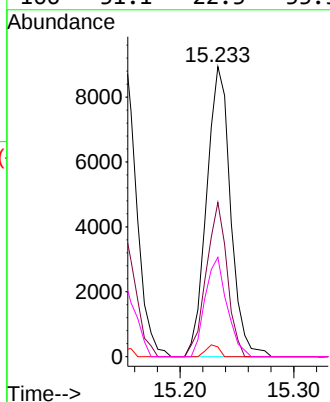
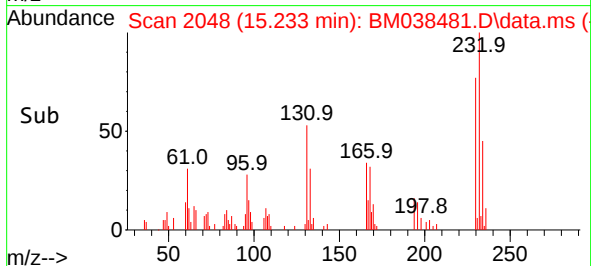
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



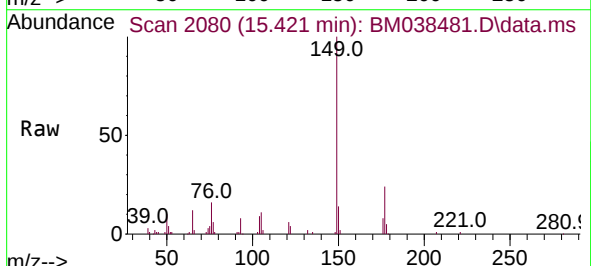
Tgt Ion:232 Resp: 13095
Ion Ratio Lower Upper
232 100
131 46.4 33.8 50.6
130 2.2 1.9 2.9
166 31.1 22.3 33.5

Manual Integrations
APPROVED

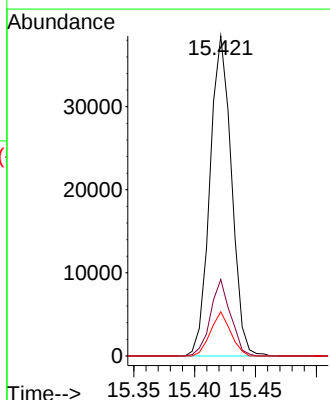
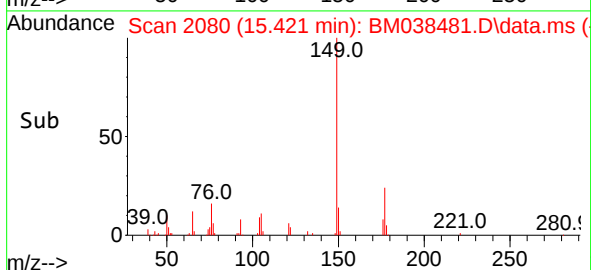
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

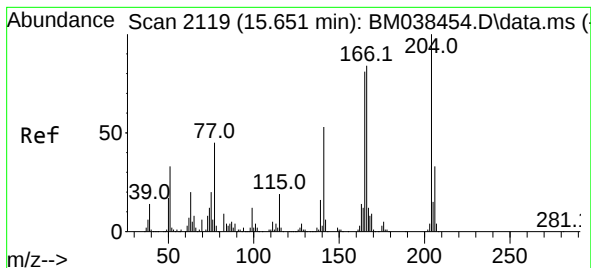


#60
Diethylphthalate
Concen: 6.509 ng
RT: 15.421 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48



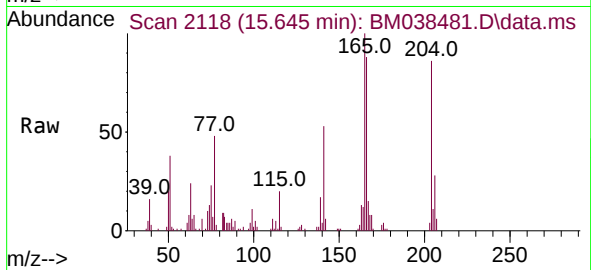
Tgt Ion:149 Resp: 47452
Ion Ratio Lower Upper
149 100
177 23.9 17.8 26.6
150 13.8 9.5 14.3





#61
4-Chlorophenyl-phenylether
Concen: 6.350 ng
RT: 15.645 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

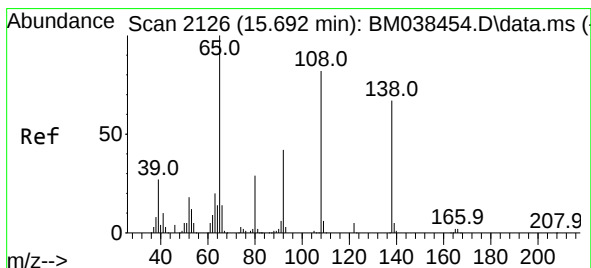
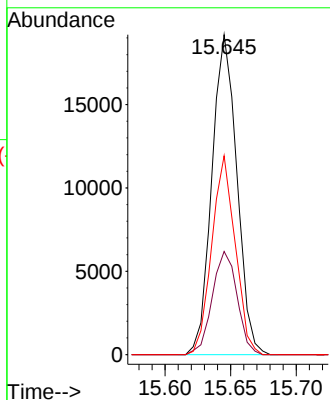
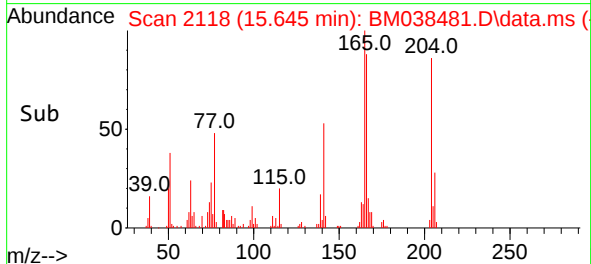
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



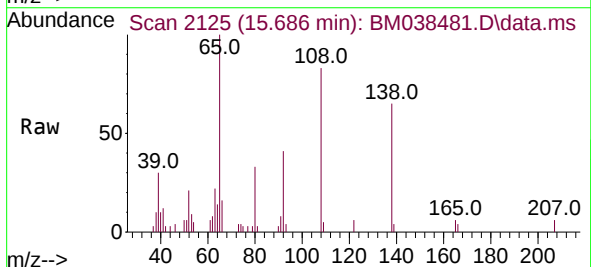
Tgt Ion:204 Resp: 25436
Ion Ratio Lower Upper
204 100
206 32.2 26.2 39.4
141 62.1 42.5 63.7

Manual Integrations
APPROVED

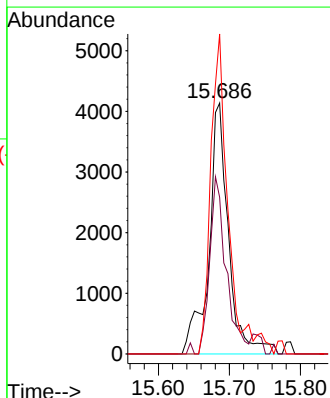
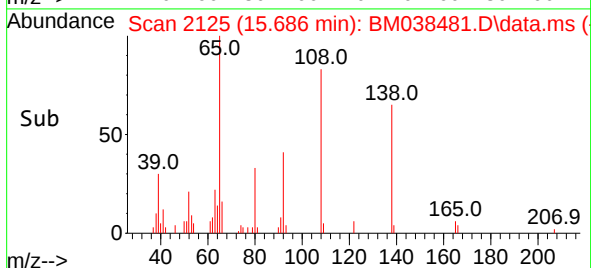
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

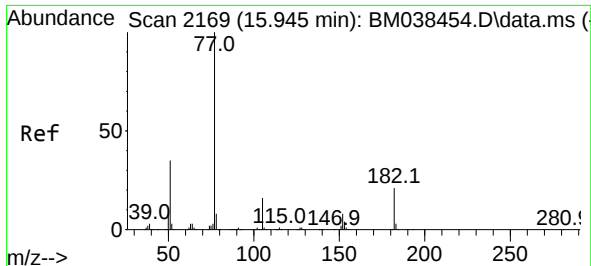


#62
4-Nitroaniline
Concen: 7.352 ng
RT: 15.686 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48



Tgt Ion:138 Resp: 7959
Ion Ratio Lower Upper
138 100
92 62.4 42.1 82.1
108 127.5 102.5 142.5





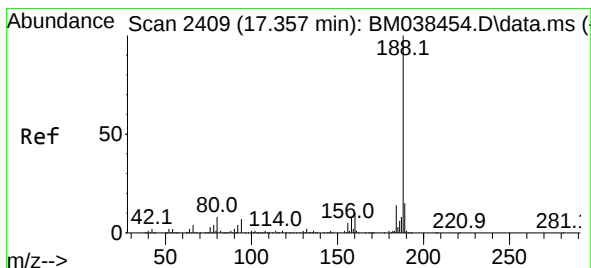
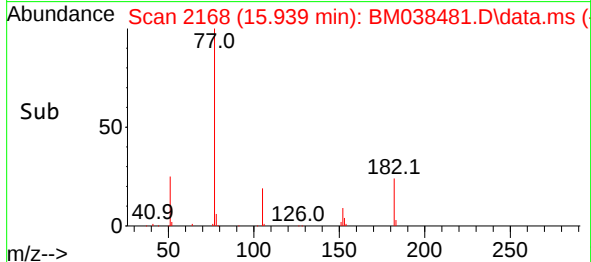
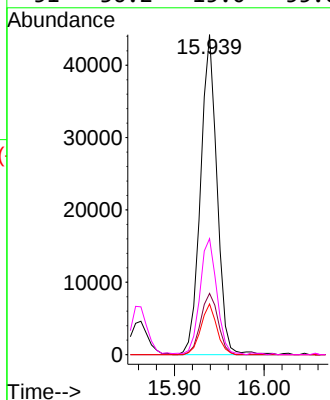
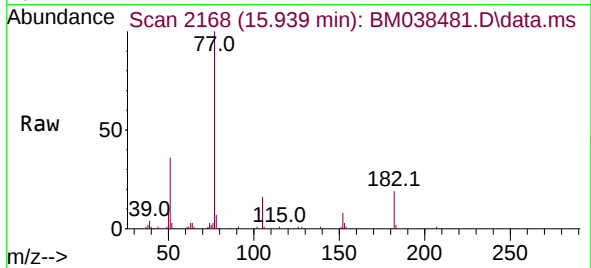
#63
Azobenzene
Concen: 7.013 ng
RT: 15.939 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 77 Resp: 56253
Ion Ratio Lower Upper
77 100
182 19.1 1.1 41.1
105 15.8 0.0 36.4
51 36.2 15.0 55.0

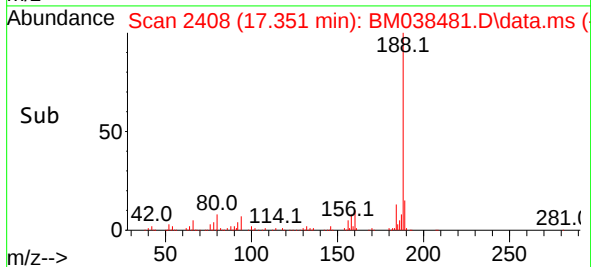
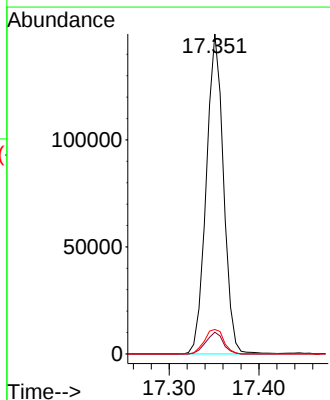
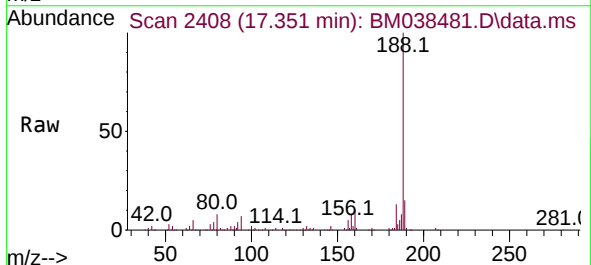
Manual Integrations
APPROVED

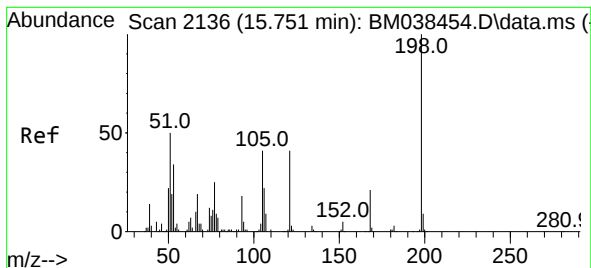
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Tgt Ion:188 Resp: 200441
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.0
80 7.7 6.5 9.7





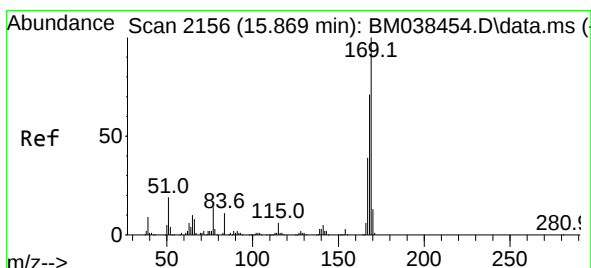
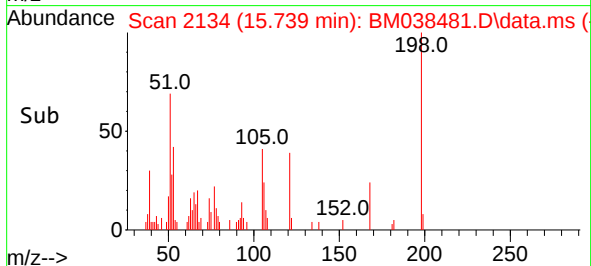
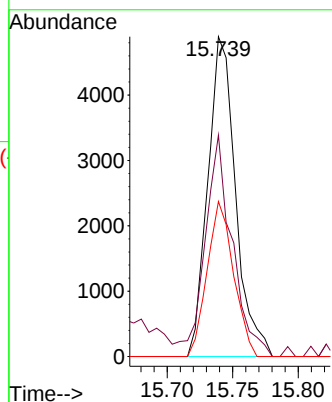
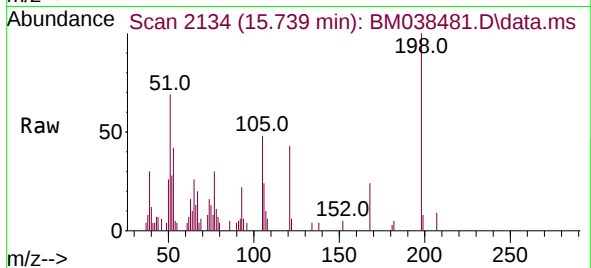
#65
4,6-Dinitro-2-methylphenol
Concen: 5.299 ng
RT: 15.739 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:198	Resp:	720
Ion Ratio	Lower	Upper
198	100	
51	69.2	31.6 71.6
105	48.5	21.5 61.5

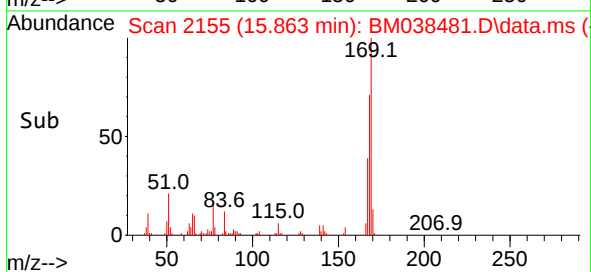
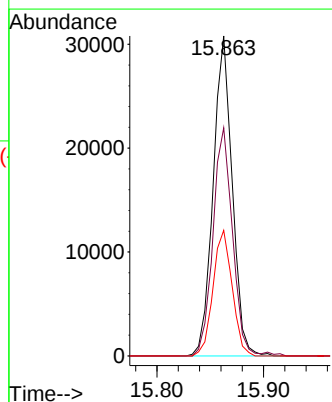
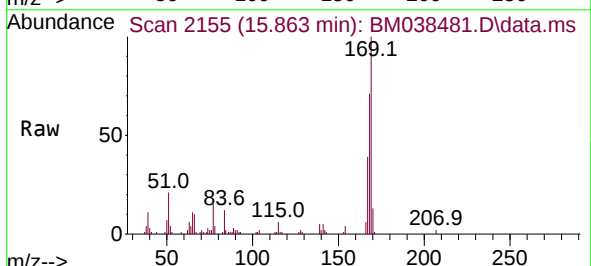
Manual Integrations
APPROVED

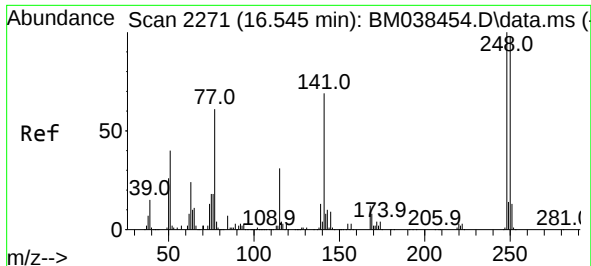
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#66
n-Nitrosodiphenylamine
Concen: 6.522 ng
RT: 15.863 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

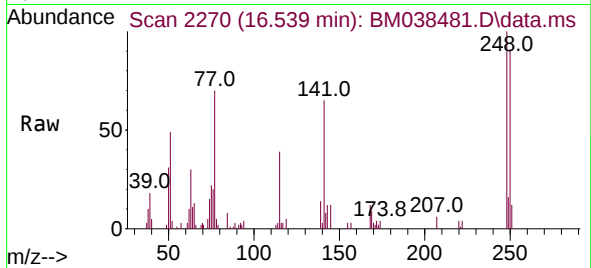
Tgt Ion:169	Resp:	38360
Ion Ratio	Lower	Upper
169	100	
168	71.3	56.6 85.0
167	39.2	31.1 46.7





#67
4-Bromophenyl-phenylether
Concen: 6.413 ng
RT: 16.539 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

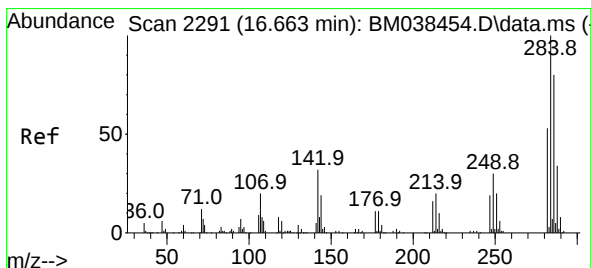
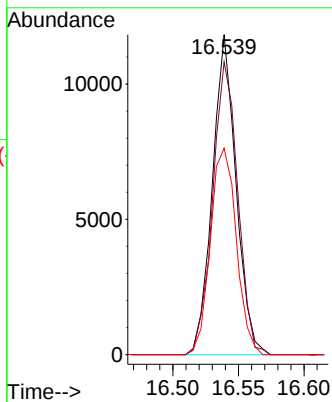
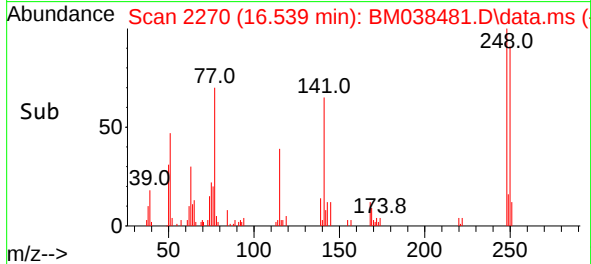
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



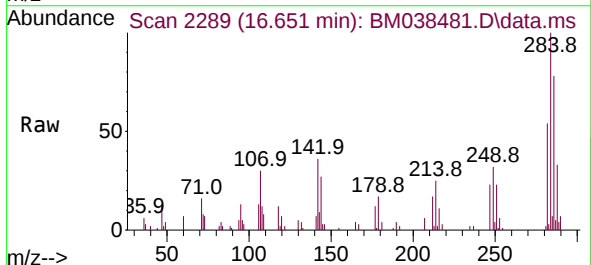
Tgt Ion:248 Resp: 14870
Ion Ratio Lower Upper
248 100
250 91.5 78.3 117.5
141 64.5 55.1 82.7

Manual Integrations
APPROVED

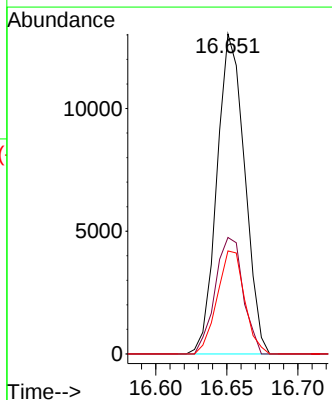
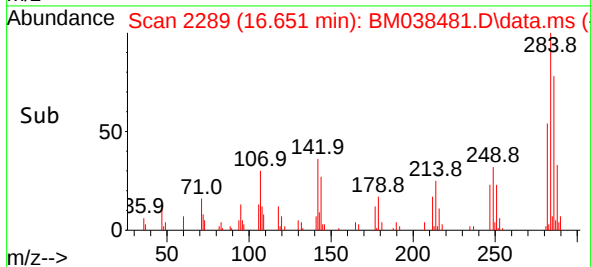
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

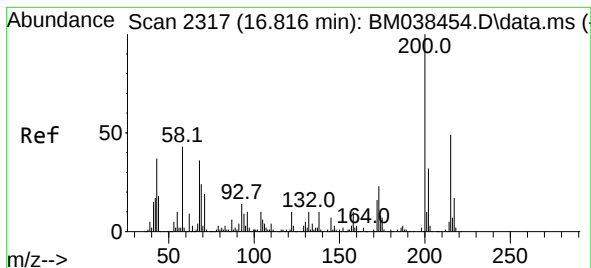


#68
Hexachlorobenzene
Concen: 6.809 ng
RT: 16.651 min Scan# 2289
Delta R.T. -0.006 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48



Tgt Ion:284 Resp: 17677
Ion Ratio Lower Upper
284 100
142 36.4 26.0 39.0
249 32.2 23.8 35.8





#69

Atrazine

Concen: 6.990 ng

RT: 16.810 min Scan# 2317

Delta R.T. 0.000 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

Instrument :

BNA_M

ClientSampleId :

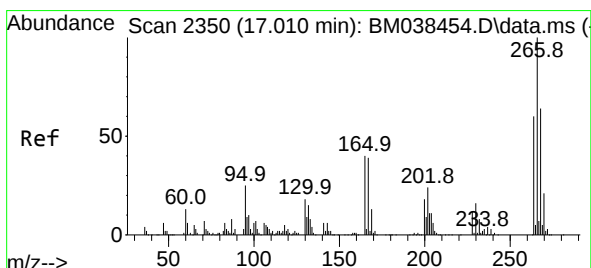
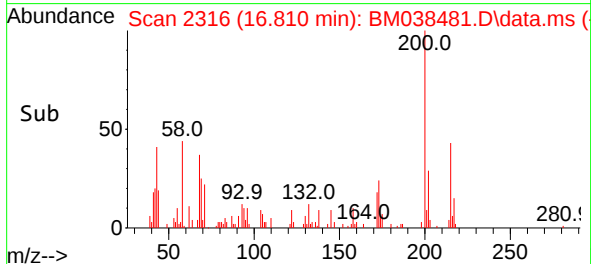
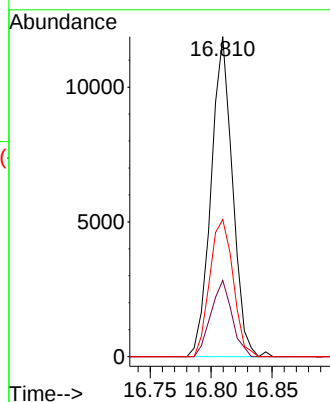
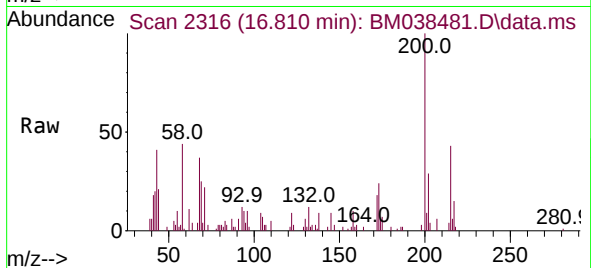
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:200 Resp: 1453
 Ion Ratio Lower Upper
 200 100
 173 23.8 3.4 43.4
 215 42.8 29.3 69.3

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 5.101 ng

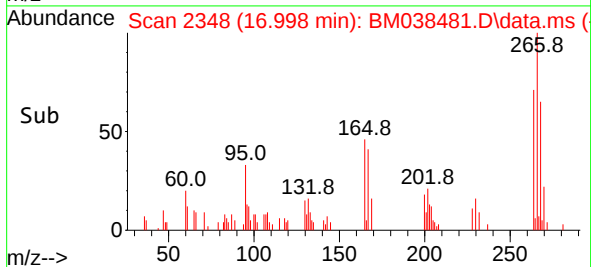
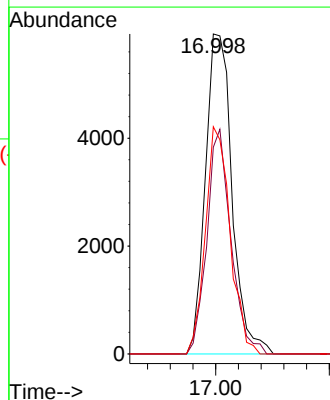
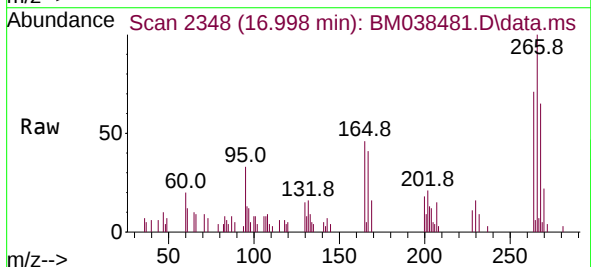
RT: 16.998 min Scan# 2348

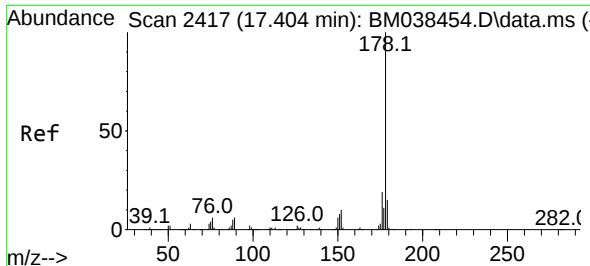
Delta R.T. 0.000 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

Tgt Ion:266 Resp: 9669
 Ion Ratio Lower Upper
 266 100
 268 69.3 51.4 77.0
 264 76.7 48.2 72.2#





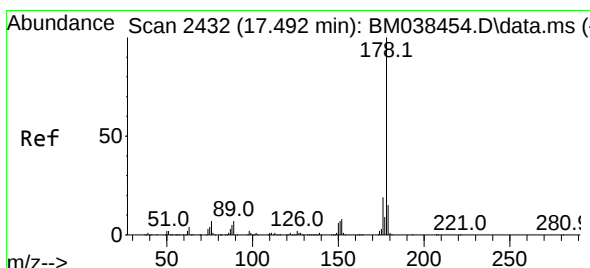
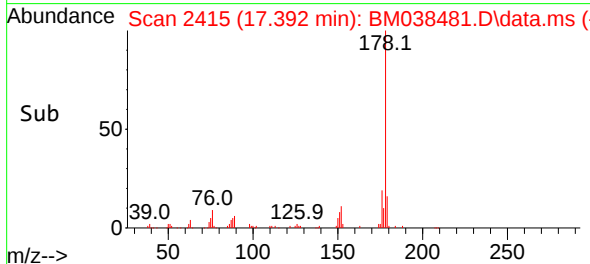
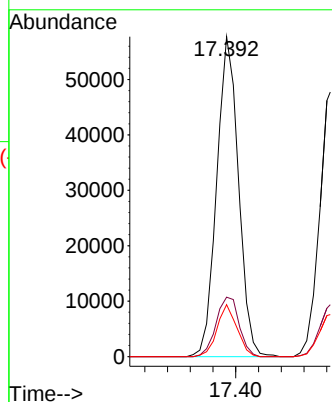
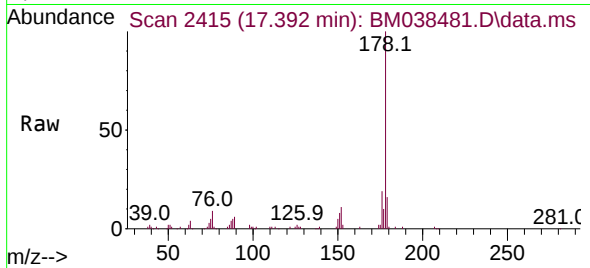
#71
Phenanthrene
Concen: 6.924 ng
RT: 17.392 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:178 Resp: 76782
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.0
179 16.2 12.1 18.1

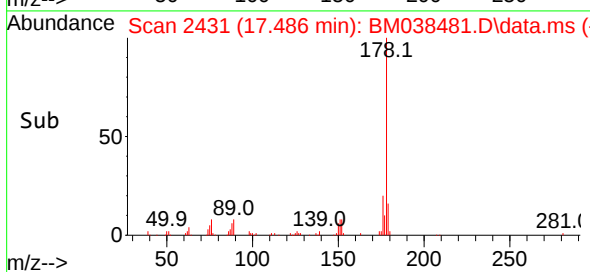
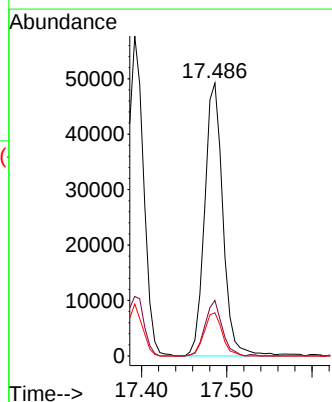
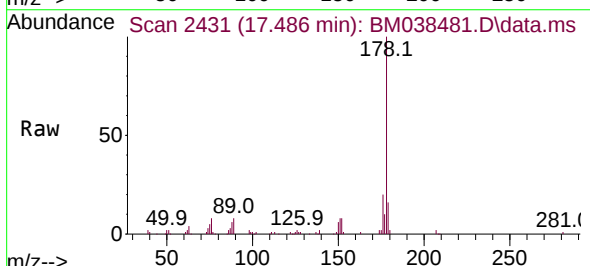
Manual Integrations
APPROVED

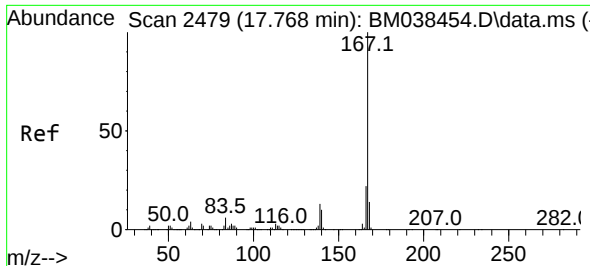
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#72
Anthracene
Concen: 6.432 ng
RT: 17.486 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

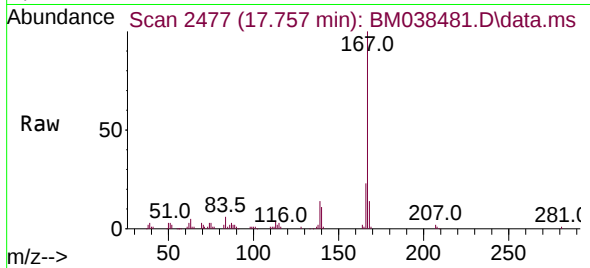
Tgt Ion:178 Resp: 73300
Ion Ratio Lower Upper
178 100
176 20.3 15.0 22.6
179 15.8 12.2 18.2





#73
Carbazole
Concen: 6.477 ng
RT: 17.757 min Scan# 2479
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

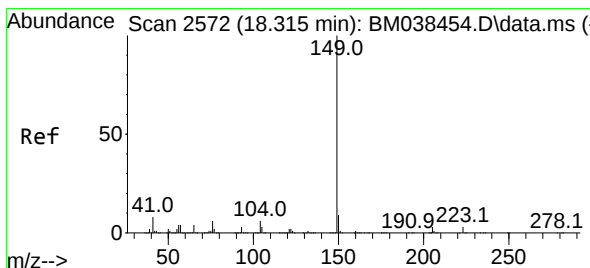
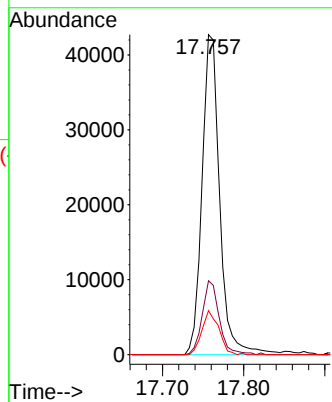
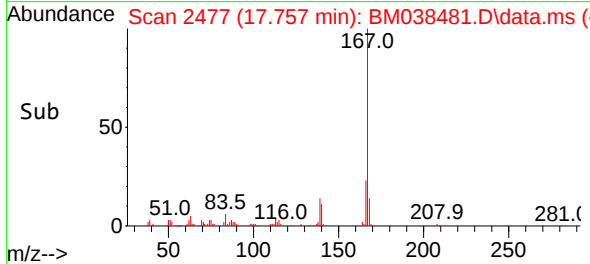
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



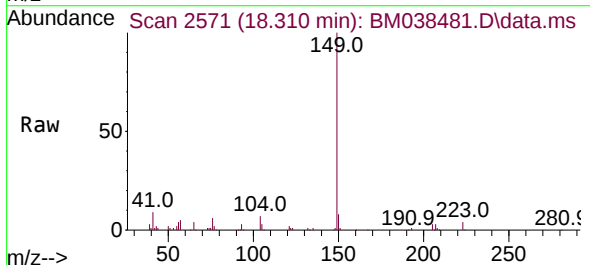
Tgt Ion:167 Resp: 6455
Ion Ratio Lower Upper
167 100
166 23.1 17.4 26.0
139 13.7 10.1 15.1

Manual Integrations
APPROVED

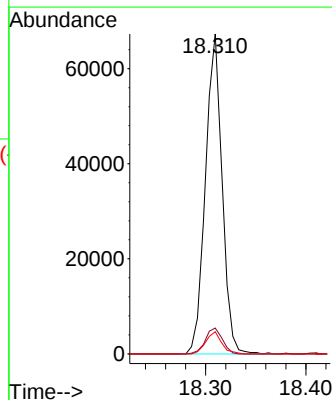
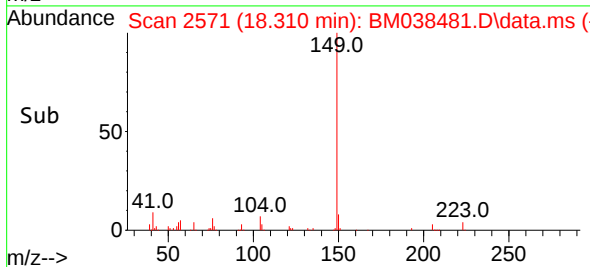
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

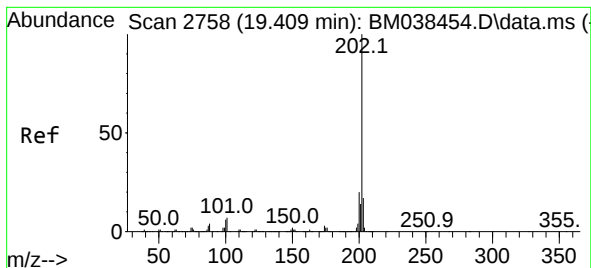


#74
Di-n-butylphthalate
Concen: 6.551 ng
RT: 18.310 min Scan# 2571
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48



Tgt Ion:149 Resp: 77545
Ion Ratio Lower Upper
149 100
150 8.1 7.4 11.2
104 6.9 4.7 7.1





#75

Fluoranthene

Concen: 6.216 ng

RT: 19.404 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

Instrument :

BNA_M

ClientSampleId :

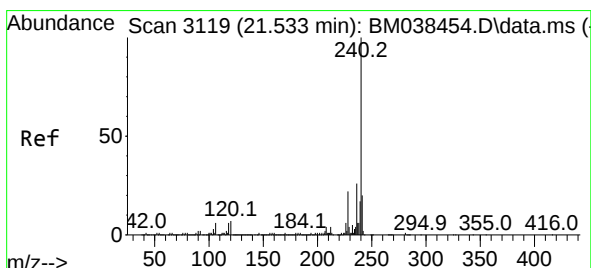
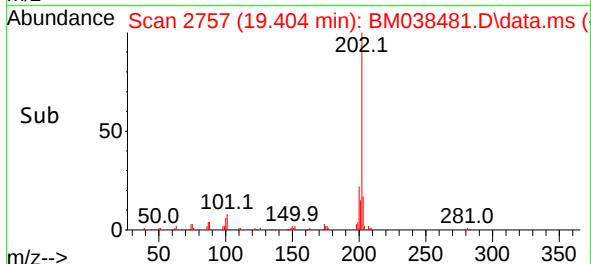
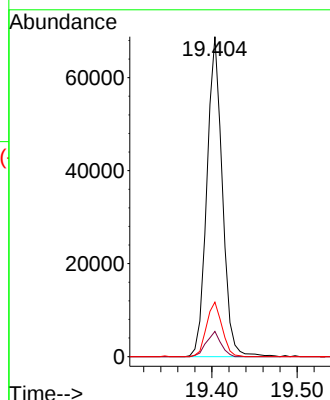
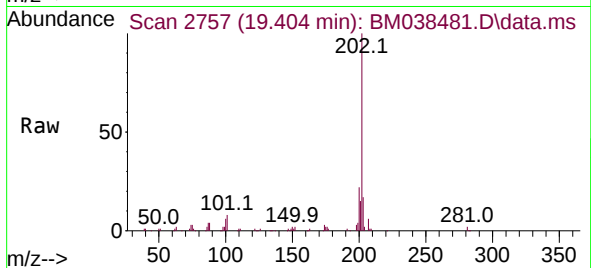
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:	202	Resp:	86652
Ion Ratio	Lower	Upper	
202	100		
101	7.9	0.0	27.4
203	17.0	0.0	37.1

Manual Integrations

APPROVED

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



#76

Chrysene-d12

Concen: 20.000 ng

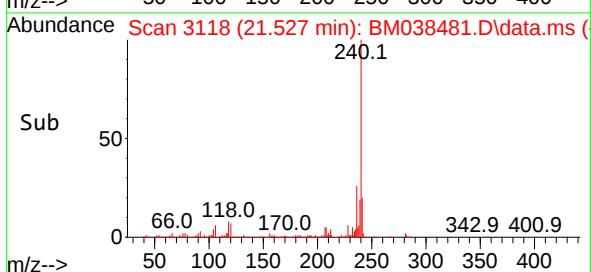
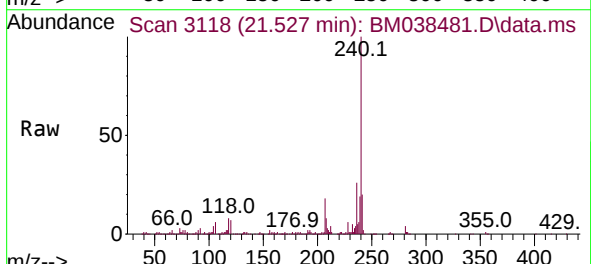
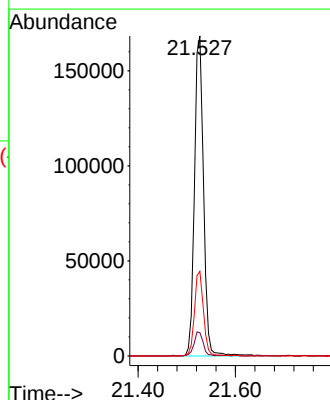
RT: 21.527 min Scan# 3118

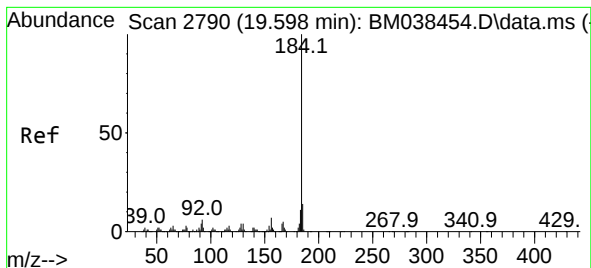
Delta R.T. 0.000 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

Tgt Ion:	240	Resp:	216797
Ion Ratio	Lower	Upper	
240	100		
120	7.3	5.6	8.4
236	26.4	21.0	31.4





#77

Benzidine

Concen: 7.738 ng

RT: 19.592 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

Instrument :

BNA_M

ClientSampleId :

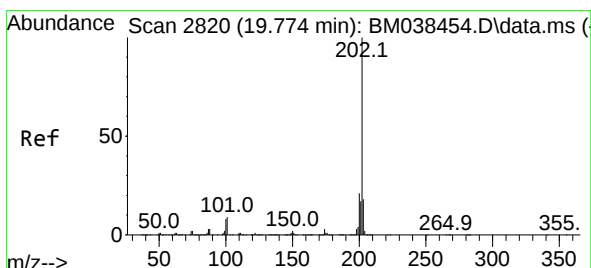
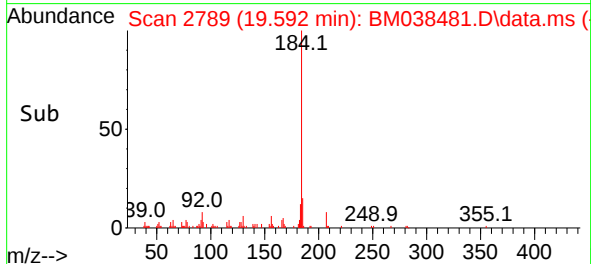
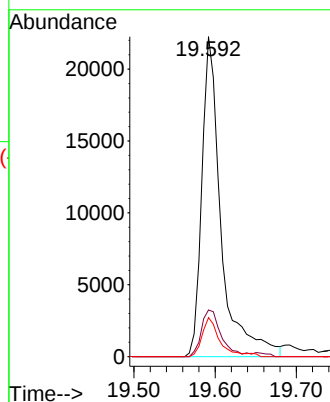
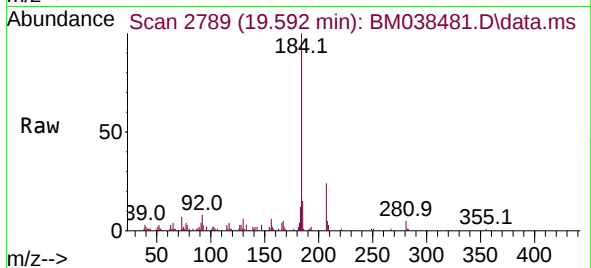
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:184	Resp:	36760
Ion Ratio	Lower	Upper
184	100	
185	14.6	11.1 16.7
183	12.2	8.6 13.0

Manual Integrations

APPROVED

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



#78

Pyrene

Concen: 6.512 ng

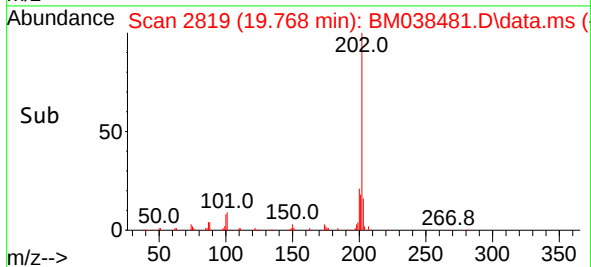
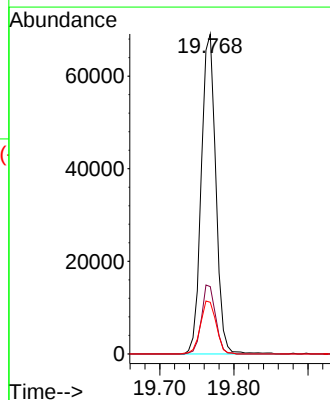
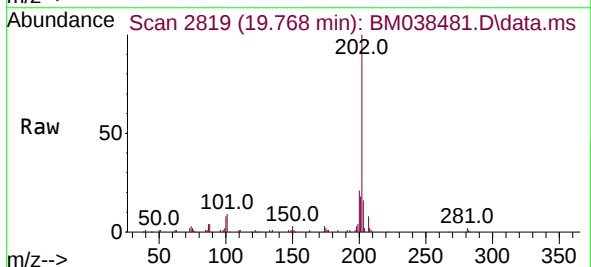
RT: 19.768 min Scan# 2819

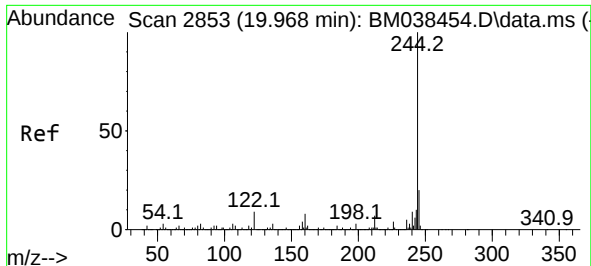
Delta R.T. 0.000 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

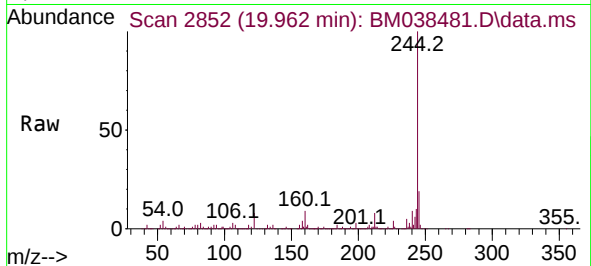
Tgt Ion:202	Resp:	93953
Ion Ratio	Lower	Upper
202	100	
200	21.0	16.9 25.3
203	16.1	14.2 21.2





#79
 Terphenyl-d14
 Concen: 75.459 ng
 RT: 19.962 min Scan# 2852
 Delta R.T. 0.000 min
 Lab File: BM038481.D
 Acq: 18 Jan 2023 15:48

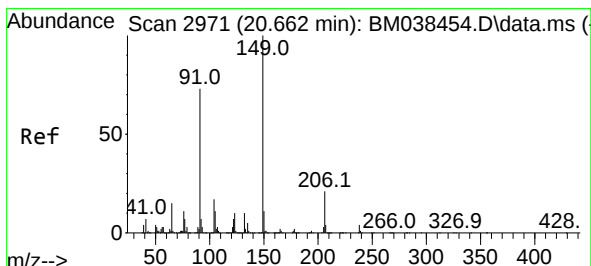
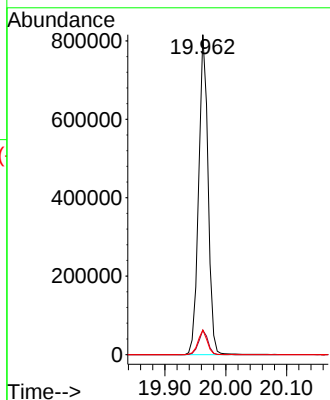
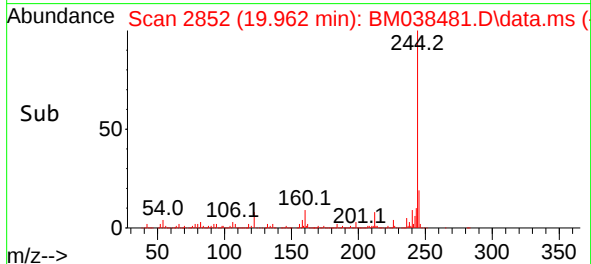
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2022



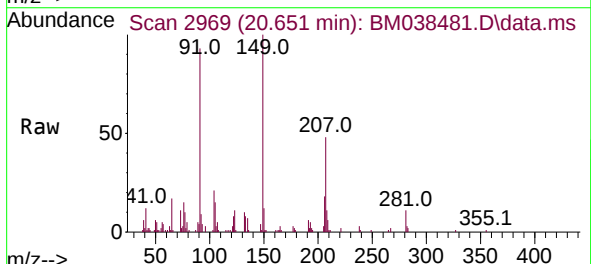
Tgt Ion:244 Resp: 873883
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 7.7 7.1 10.7

Manual Integrations
 APPROVED

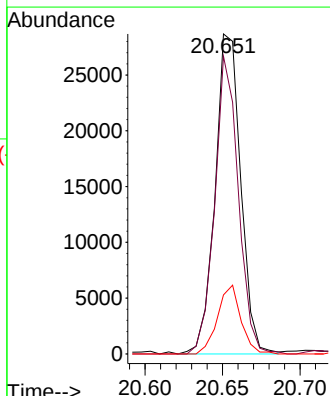
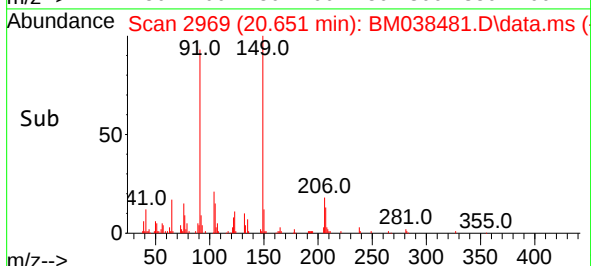
Reviewed By :Christian Giraldo 01/19/2023
 Supervised By :Jagrut Upadhyay 01/19/2023

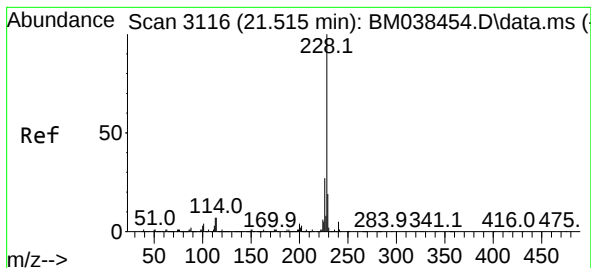


#80
 Butylbenzylphthalate
 Concen: 6.281 ng
 RT: 20.651 min Scan# 2969
 Delta R.T. -0.006 min
 Lab File: BM038481.D
 Acq: 18 Jan 2023 15:48



Tgt Ion:149 Resp: 33121
 Ion Ratio Lower Upper
 149 100
 91 93.0 58.3 87.5#
 206 18.4 16.7 25.1





#81

Benzo(a)anthracene

Concen: 6.705 ng

RT: 21.509 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

Instrument :

BNA_M

ClientSampleId :

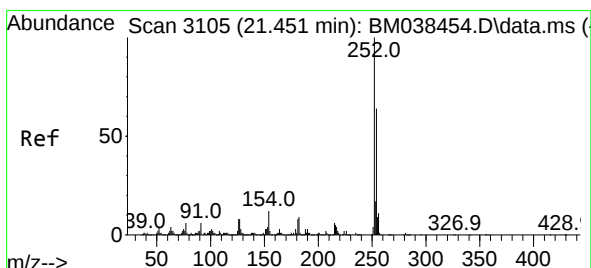
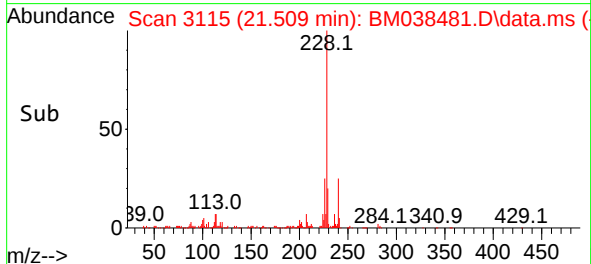
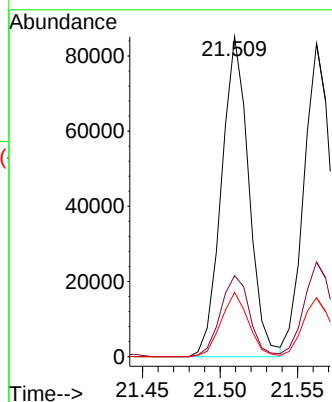
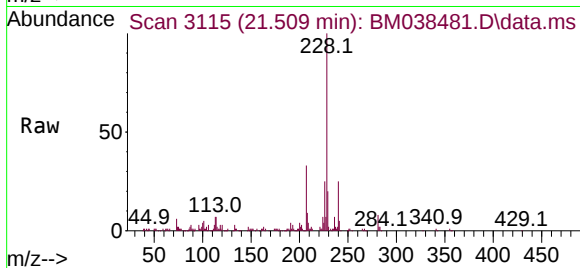
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:228 Resp: 104552
 Ion Ratio Lower Upper
 228 100
 226 25.3 22.0 33.0
 229 20.1 15.4 23.0

Manual Integrations

APPROVED

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



#82

3,3'-Dichlorobenzidine

Concen: 7.614 ng

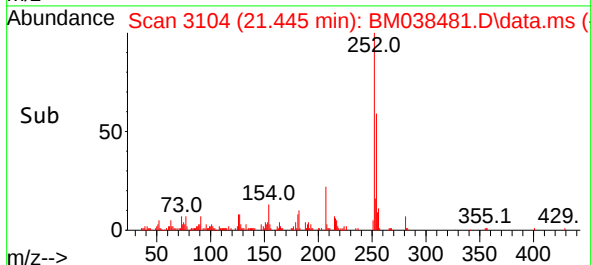
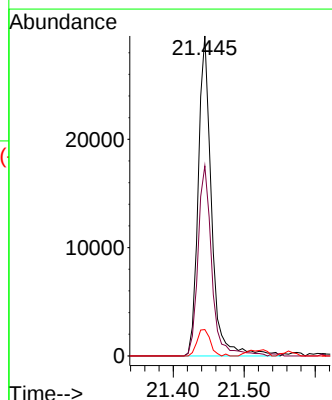
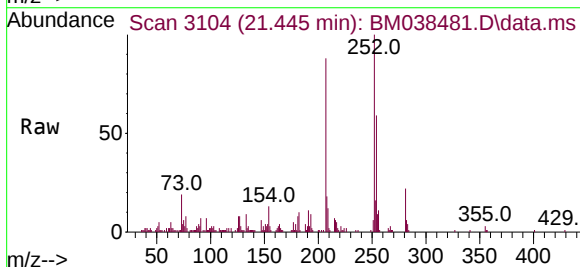
RT: 21.445 min Scan# 3104

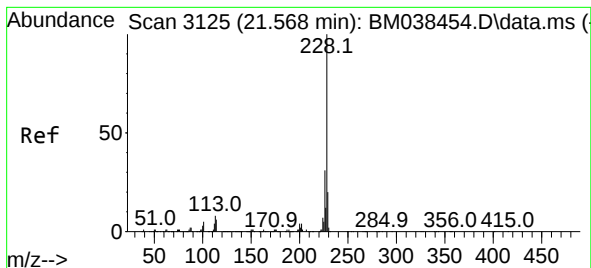
Delta R.T. 0.000 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

Tgt Ion:252 Resp: 38230
 Ion Ratio Lower Upper
 252 100
 254 59.4 51.2 76.8
 126 8.2 6.3 9.5





#83

Chrysene

Concen: 6.777 ng

RT: 21.562 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

Instrument :

BNA_M

ClientSampleId :

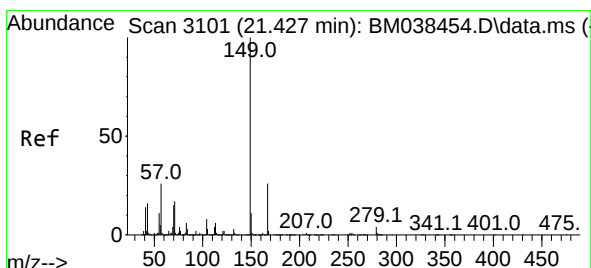
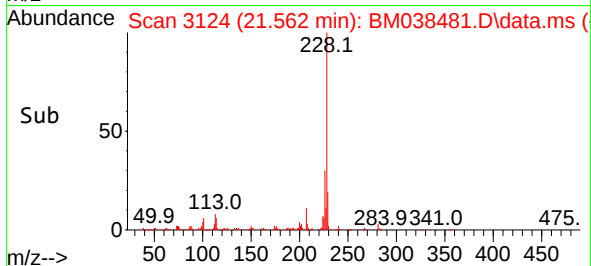
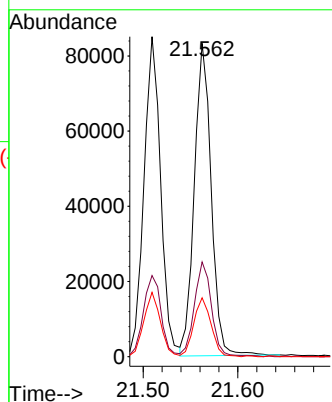
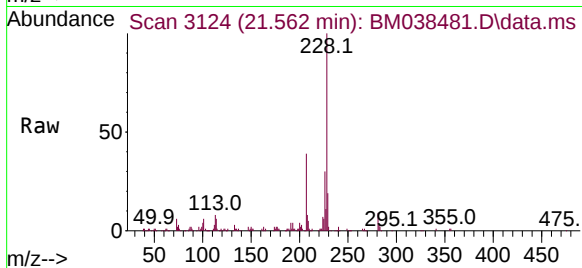
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:	228	Resp:	10269
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.6	36.8
229	18.8	16.1	24.1

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.540 ng

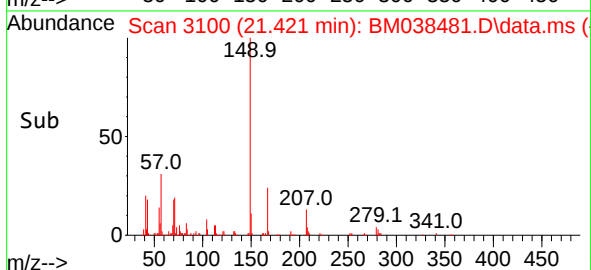
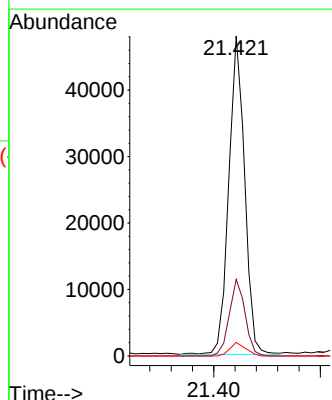
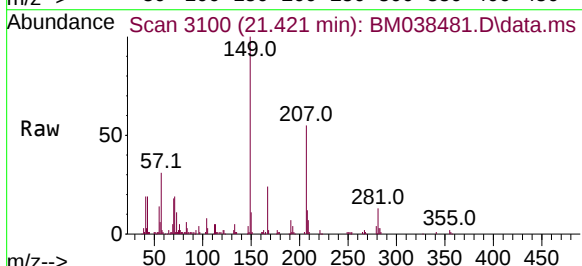
RT: 21.421 min Scan# 3100

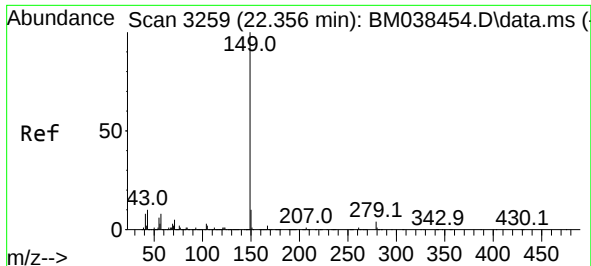
Delta R.T. 0.000 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

Tgt Ion:	149	Resp:	49579
Ion Ratio	Lower	Upper	
149	100		
167	23.9	21.0	31.4
279	4.2	3.4	5.0





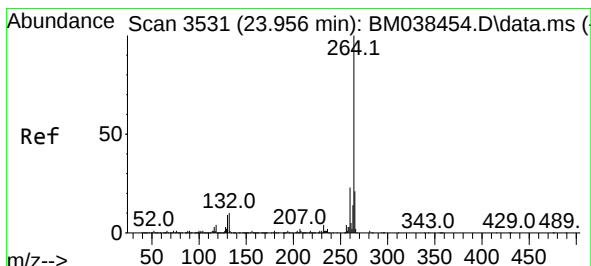
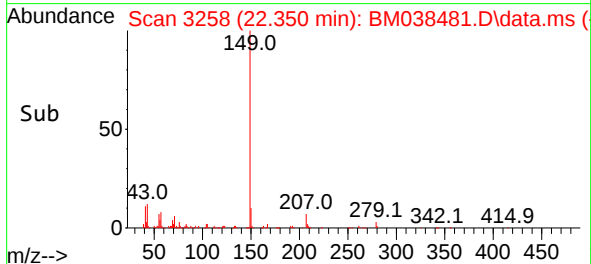
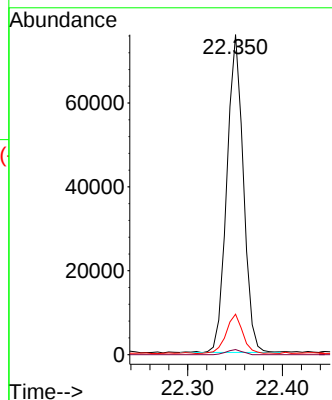
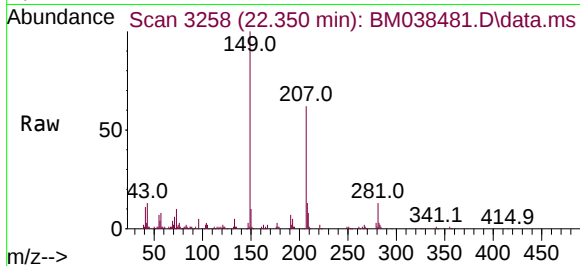
#85
Di-n-octyl phthalate
Concen: 6.876 ng
RT: 22.350 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:149 Resp: 91718
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 12.6 8.4 12.6

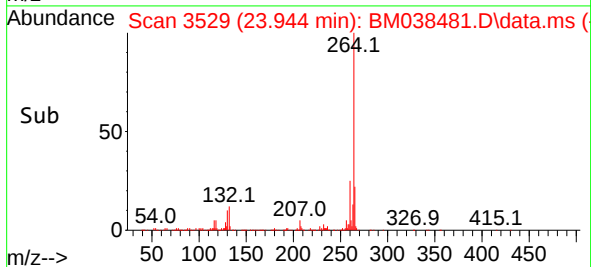
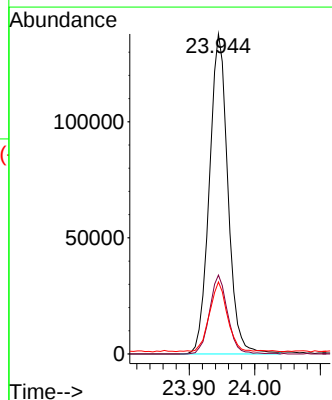
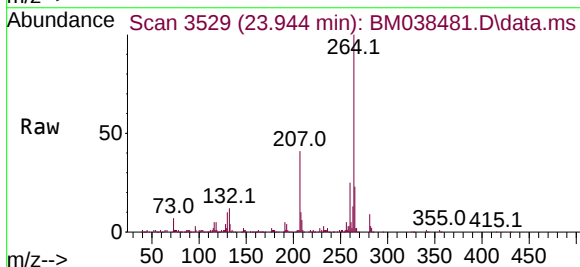
Manual Integrations
APPROVED

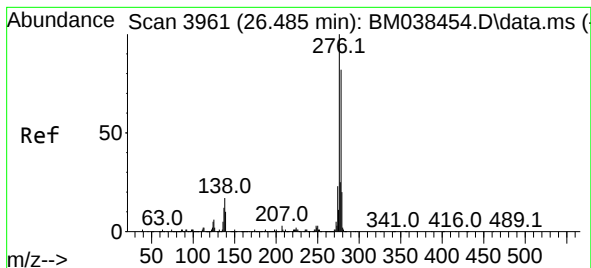
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.944 min Scan# 3529
Delta R.T. 0.006 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Tgt Ion:264 Resp: 270656
Ion Ratio Lower Upper
264 100
260 24.6 18.2 27.4
265 22.5 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 6.626 ng

RT: 26.468 min Scan# 3958

Delta R.T. 0.000 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

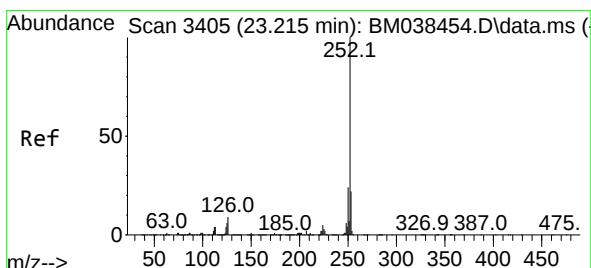
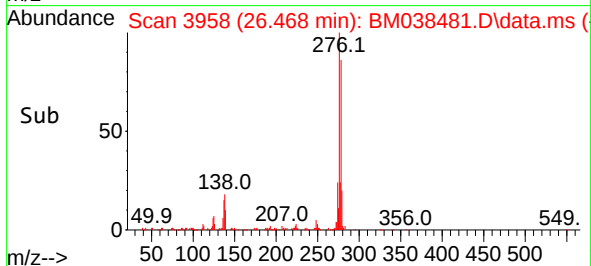
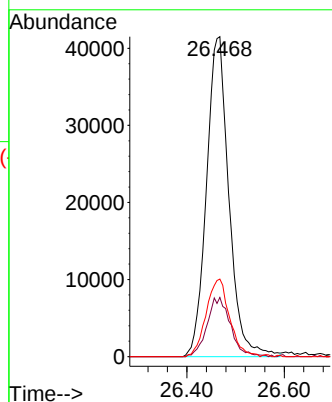
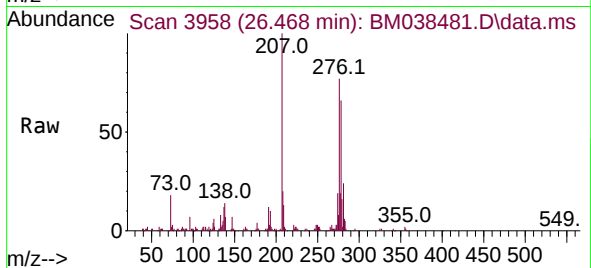
Tgt Ion:	276	Resp:	132712
Ion Ratio	Lower	Upper	
276	100		
138	19.2	13.4	20.2
277	25.2	19.8	29.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/19/2023

Supervised By :Jagrut Upadhyay 01/19/2023



#88

Benzo(b)fluoranthene

Concen: 6.799 ng

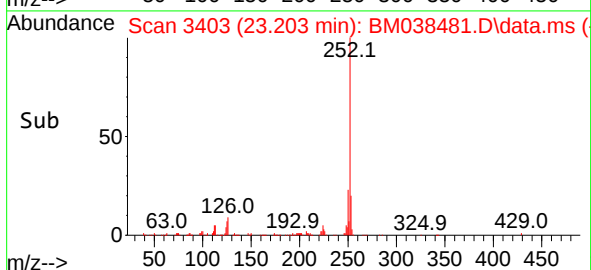
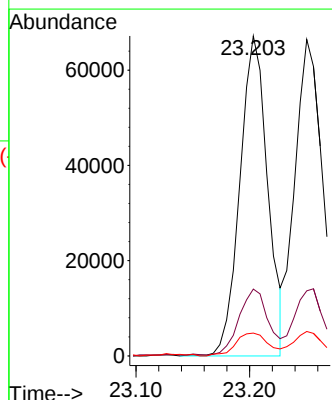
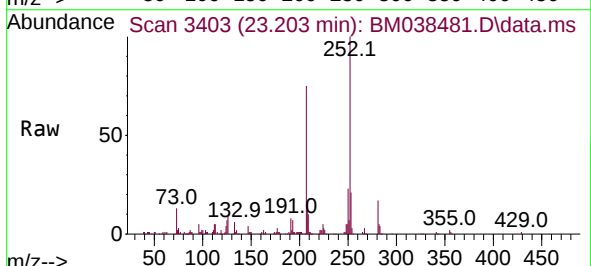
RT: 23.203 min Scan# 3403

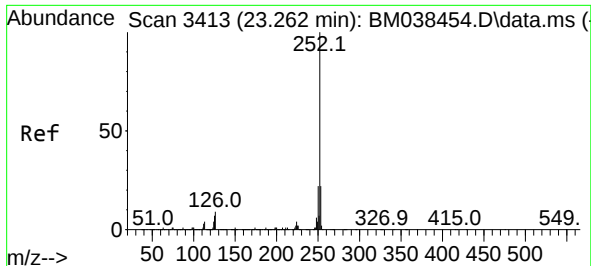
Delta R.T. 0.000 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

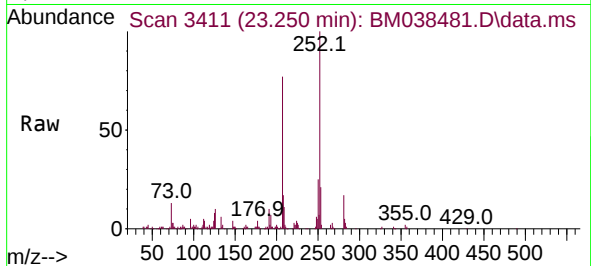
Tgt Ion:	252	Resp:	114109
Ion Ratio	Lower	Upper	
252	100		
253	20.9	17.8	26.6
125	7.1	5.1	7.7





#89
Benzo(k)fluoranthene
Concen: 6.522 ng
RT: 23.250 min Scan# 3413
Delta R.T. -0.006 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

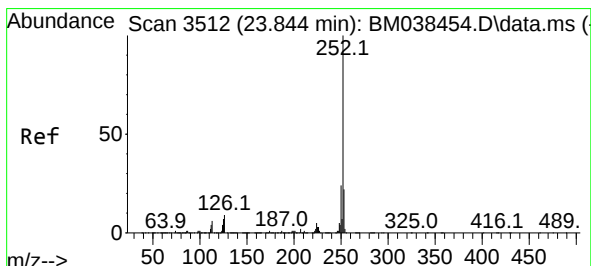
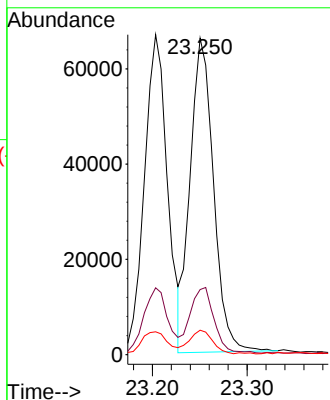
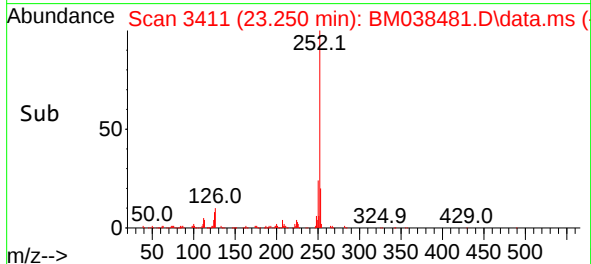
Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion:252 Resp: 113196
Ion Ratio Lower Upper
252 100
253 20.6 17.6 26.4
125 7.7 5.5 8.3

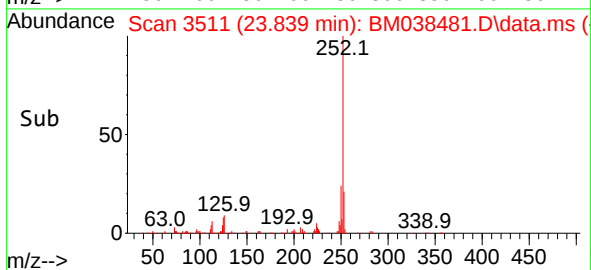
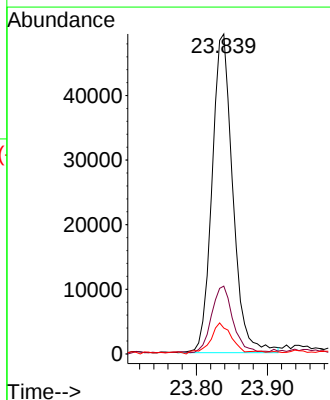
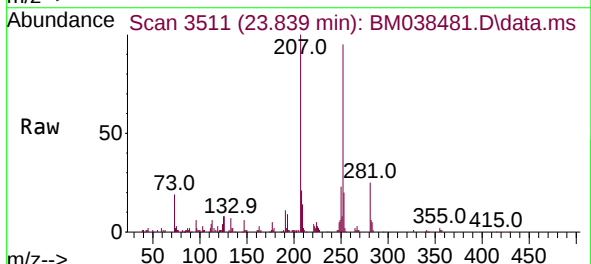
Manual Integrations
APPROVED

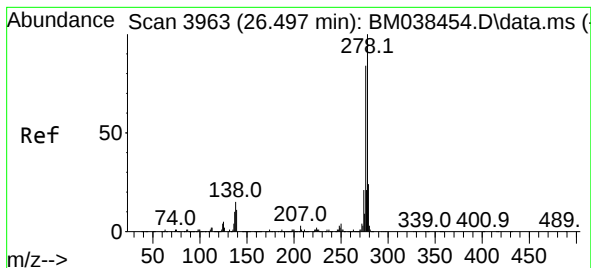
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#90
Benzo(a)pyrene
Concen: 6.090 ng
RT: 23.839 min Scan# 3511
Delta R.T. 0.000 min
Lab File: BM038481.D
Acq: 18 Jan 2023 15:48

Tgt Ion:252 Resp: 100293
Ion Ratio Lower Upper
252 100
253 21.2 17.6 26.4
125 8.1 5.8 8.8





#91

Dibenzo(a,h)anthracene

Concen: 6.803 ng

RT: 26.474 min Scan# 3963

Delta R.T. -0.006 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

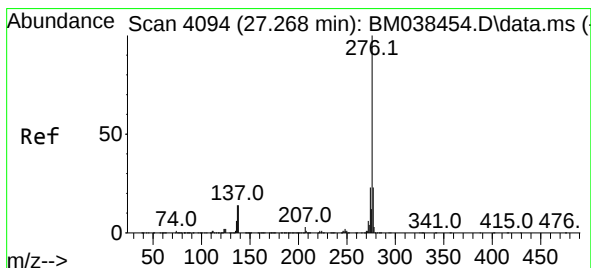
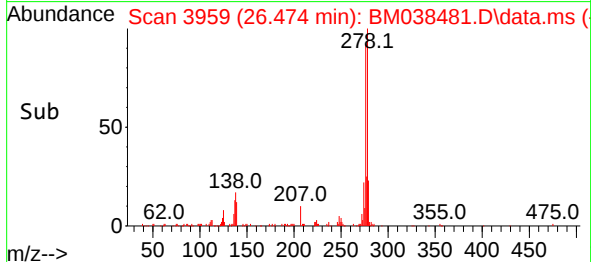
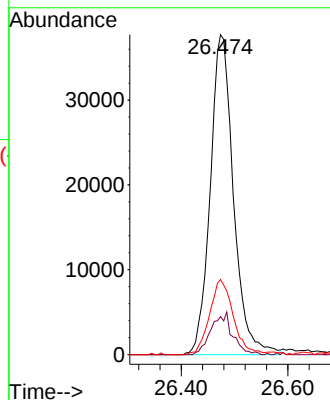
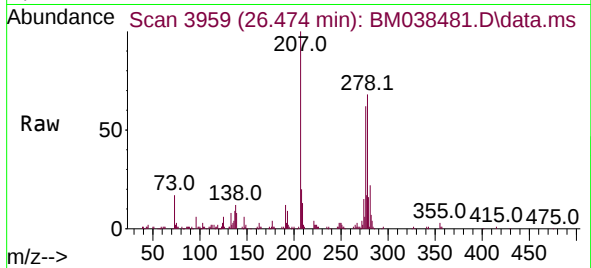
Tgt Ion:278 Resp: 114353
 Ion Ratio Lower Upper
 278 100
 139 11.9 8.4 12.6
 279 23.5 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/19/2023

Supervised By :Jagrut Upadhyay 01/19/2023



#92

Benzo(g,h,i)perylene

Concen: 7.206 ng

RT: 27.238 min Scan# 4089

Delta R.T. -0.012 min

Lab File: BM038481.D

Acq: 18 Jan 2023 15:48

Tgt Ion:276 Resp: 120168
 Ion Ratio Lower Upper
 276 100
 277 25.2 18.6 27.8
 138 17.1 11.3 16.9#

