

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011823\
 Data File : BM038480.D
 Acq On : 18 Jan 2023 15:05
 Operator : CG/JU
 Sample : N3980-07
 Misc : LOD-MDL-WATER 4ppm
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jan 19 06:13:52 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	47796	20.000	ng	0.00
21) Naphthalene-d8	10.786	136	161409	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	96036	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	213234	20.000	ng	0.00
76) Chrysene-d12	21.521	240	213431	20.000	ng	0.00
86) Perylene-d12	23.939	264	256301	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	362269	115.617	ng	0.00
7) Phenol-d6	7.140	99	449032	111.873	ng	0.00
23) Nitrobenzene-d5	9.151	82	316758	79.960	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	175410	108.045	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	588839	76.466	ng	0.00
79) Terphenyl-d14	19.962	244	975358	85.550	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	6010	4.197	ng	98
3) Pyridine	3.828	79	11616m	2.804	ng	
4) n-Nitrosodimethylamine	3.716	42	8852	3.612	ng	# 91
6) Aniline	7.304	93	17000	3.353	ng	96
8) 2-Chlorophenol	7.534	128	10903	3.515	ng	91
9) Benzaldehyde	7.116	77	13141	4.896	ng	88
10) Phenol	7.163	94	15257	3.648	ng	# 78
11) bis(2-Chloroethyl)ether	7.398	93	11750	3.466	ng	94
12) 1,3-Dichlorobenzene	7.863	146	12532	3.771	ng	96
13) 1,4-Dichlorobenzene	8.010	146	12313	3.683	ng	97
14) 1,2-Dichlorobenzene	8.328	146	11777	3.602	ng	94
15) Benzyl Alcohol	8.228	79	10964	3.411	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.504	45	18516	3.918	ng	96
17) 2-Methylphenol	8.422	107	8726	3.089	ng	97
18) Hexachloroethane	9.057	117	4990	3.644	ng	96
19) n-Nitroso-di-n-propyla...	8.781	70	9768	3.353	ng	# 96
20) 3+4-Methylphenols	8.751	107	11070	2.919	ng	97
22) Acetophenone	8.804	105	17513	3.671	ng	# 91
24) Nitrobenzene	9.192	77	15553	3.716	ng	98
25) Isophorone	9.716	82	23796	3.391	ng	99
26) 2-Nitrophenol	9.904	139	4017	2.734	ng	# 85
27) 2,4-Dimethylphenol	9.957	122	7302	2.918	ng	98
28) bis(2-Chloroethoxy)met...	10.198	93	14413	3.652	ng	93
29) 2,4-Dichlorophenol	10.439	162	8718	3.154	ng	93
30) 1,2,4-Trichlorobenzene	10.651	180	10712	3.351	ng	94
31) Naphthalene	10.839	128	30594	3.576	ng	99
32) Benzoic acid	10.039	122	2611	6.216	ng	89
33) 4-Chloroaniline	10.963	127	10755	2.864	ng	# 92
34) Hexachlorobutadiene	11.110	225	7848	3.501	ng	95
35) Caprolactam	11.733	113	1998	2.557	ng	# 79
36) 4-Chloro-3-methylphenol	12.075	107	8561	2.840	ng	92
37) 2-Methylnaphthalene	12.445	142	19781	3.163	ng	97
38) 1-Methylnaphthalene	12.663	142	18710	3.186	ng	99
40) 1,2,4,5-Tetrachloroben...	12.810	216	12259	3.411	ng	98
41) Hexachlorocyclopentadiene	12.775	237	6515	3.188	ng	92
43) 2,4,6-Trichlorophenol	13.051	196	6919	3.045	ng	94

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 LOD-MDL-WATER-01-QT3-2022

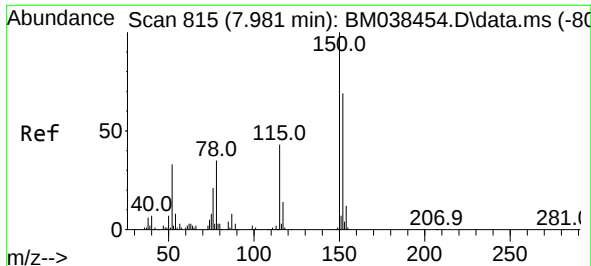
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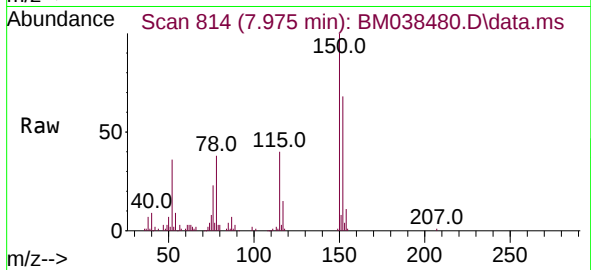
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.127	196	7899	2.949	ng	92
46) 1,1'-Biphenyl	13.445	154	27025	3.627	ng	95
47) 2-Chloronaphthalene	13.492	162	21076	3.594	ng	93
48) 2-Nitroaniline	13.710	65	6213	4.785	ng	92
49) Acenaphthylene	14.333	152	28034	3.032	ng	99
50) Dimethylphthalate	14.069	163	24219	3.112	ng	99
51) 2,6-Dinitrotoluene	14.198	165	4685	2.959	ng	97
52) Acenaphthene	14.674	154	18455	3.285	ng	97
53) 3-Nitroaniline	14.539	138	3913	4.771	ng	# 91
54) 2,4-Dinitrophenol	14.739	184	1852	6.790	ng	# 71
55) Dibenzofuran	15.004	168	32027	3.348	ng	99
56) 4-Nitrophenol	14.839	139	2662	5.711	ng	# 79
57) 2,4-Dinitrotoluene	14.986	165	5348	2.430	ng	# 96
58) Fluorene	15.657	166	24290	3.039	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.233	232	6955	2.928	ng	# 97
60) Diethylphthalate	15.421	149	25596	3.206	ng	98
61) 4-Chlorophenyl-phenyle...	15.645	204	12911	2.943	ng	98
62) 4-Nitroaniline	15.686	138	3243	4.572	ng	# 79
63) Azobenzene	15.939	77	27472	3.127	ng	97
65) 4,6-Dinitro-2-methylph...	15.739	198	3153	2.179	ng	93
66) n-Nitrosodiphenylamine	15.863	169	19317	3.087	ng	95
67) 4-Bromophenyl-phenylether	16.539	248	8079	3.275	ng	99
68) Hexachlorobenzene	16.651	284	9361	3.389	ng	98
69) Atrazine	16.810	200	7146	3.230	ng	96
70) Pentachlorophenol	17.004	266	4497	2.230	ng	89
71) Phenanthrene	17.392	178	39299	3.331	ng	98
72) Anthracene	17.486	178	37751	3.114	ng	97
73) Carbazole	17.762	167	31758	2.995	ng	98
74) Di-n-butylphthalate	18.304	149	37772	3.000	ng	98
75) Fluoranthene	19.404	202	44147	2.977	ng	96
77) Benzidine	19.592	184	14099	3.015	ng	# 95
78) Pyrene	19.762	202	46210	3.253	ng	99
80) Butylbenzylphthalate	20.651	149	16670	3.211	ng	93
81) Benzo(a)anthracene	21.509	228	50310	3.277	ng	99
82) 3,3'-Dichlorobenzidine	21.445	252	17185	3.477	ng	99
83) Chrysene	21.562	228	51339	3.442	ng	97
84) Bis(2-ethylhexyl)phtha...	21.421	149	22889	3.067	ng	99
85) Di-n-octyl phthalate	22.345	149	41348	3.149	ng	# 93
87) Indeno(1,2,3-cd)pyrene	26.462	276	60628	3.196	ng	97
88) Benzo(b)fluoranthene	23.203	252	53885	3.391	ng	# 98
89) Benzo(k)fluoranthene	23.250	252	55163	3.357	ng	99
90) Benzo(a)pyrene	23.833	252	47188	3.026	ng	# 94
91) Dibenzo(a,h)anthracene	26.474	278	52302	3.286	ng	100
92) Benzo(g,h,i)perylene	27.238	276	55823	3.535	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.975 min Scan# 815
Delta R.T. -0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

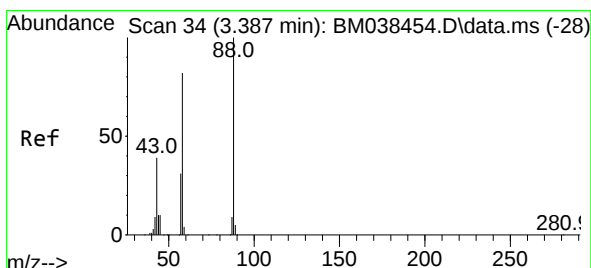
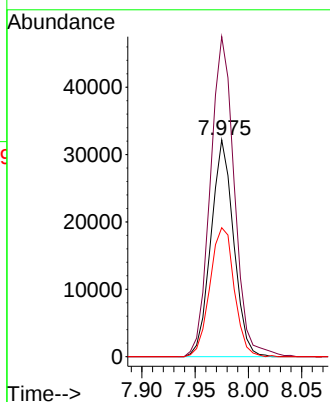
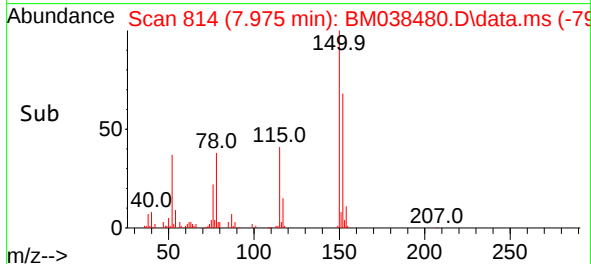
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 152 Resp: 47796
Ion Ratio Lower Upper
152 100
150 147.7 116.0 174.0
115 59.4 49.4 74.2

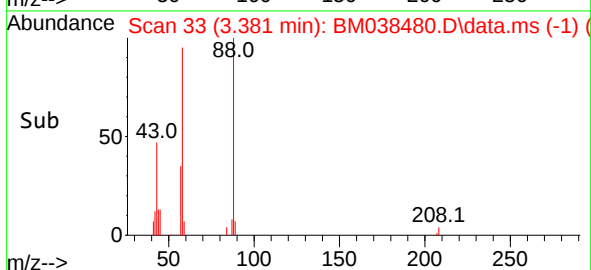
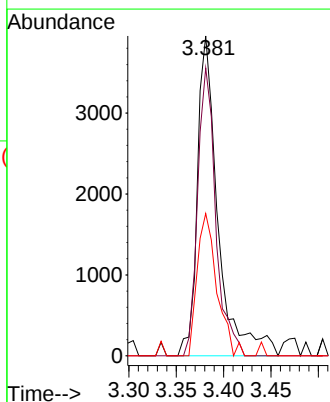
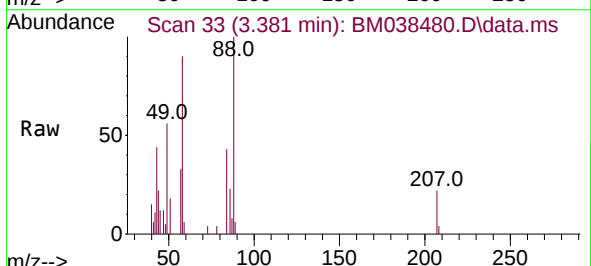
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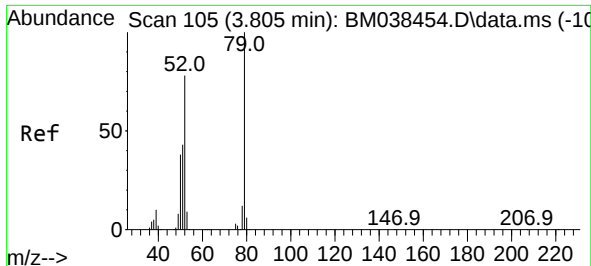
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#2
1,4-Dioxane
Concen: 4.197 ng
RT: 3.381 min Scan# 33
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

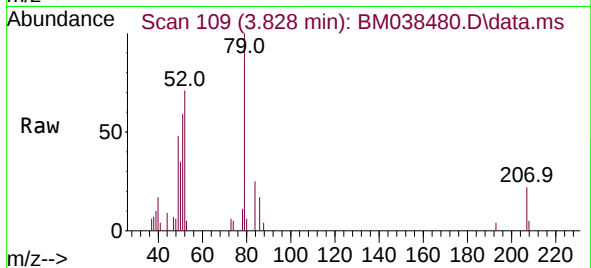
Tgt Ion: 88 Resp: 6010
Ion Ratio Lower Upper
88 100
58 78.8 64.3 96.5
43 42.3 32.3 48.5





#3
Pyridine
Concen: 2.804 ng m
RT: 3.828 min Scan# 10
Delta R.T. 0.035 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

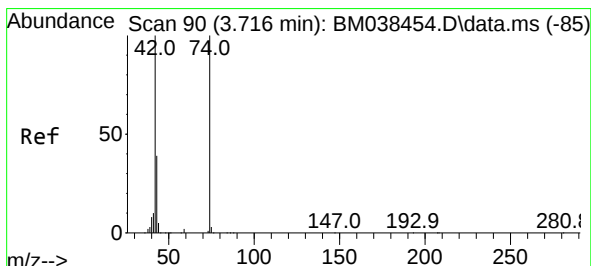
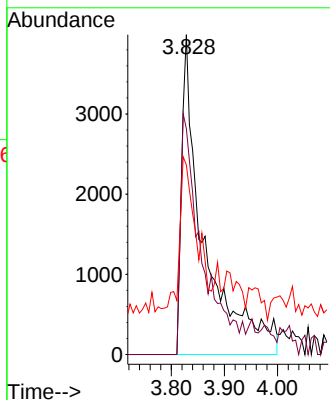
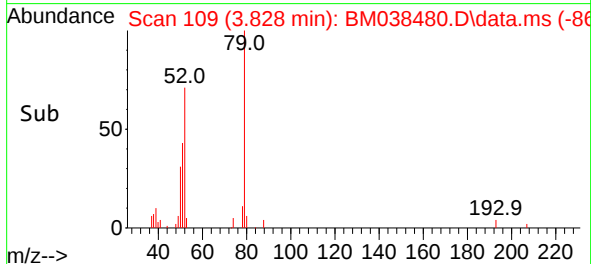
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



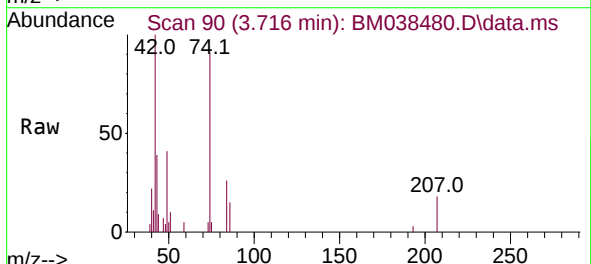
Tgt Ion: 79 Resp: 11616
Ion Ratio Lower Upper
79 100
52 70.6 62.2 93.2
51 59.3 34.8 52.2

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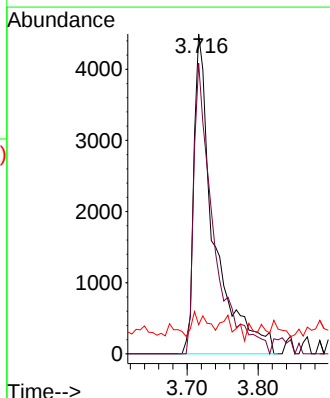
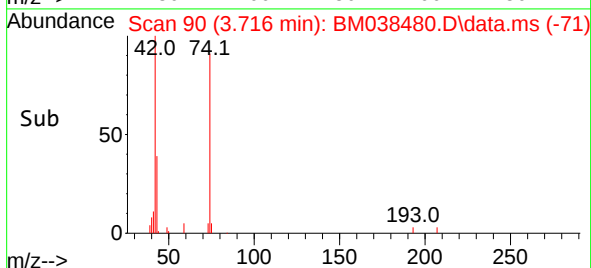
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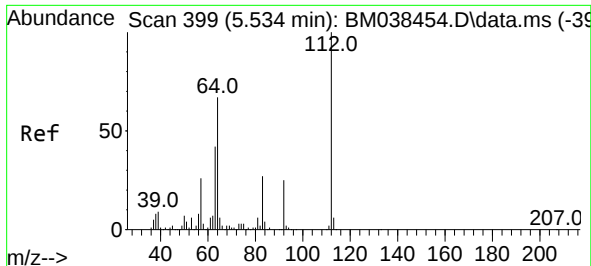


#4
n-Nitrosodimethylamine
Concen: 3.612 ng
RT: 3.716 min Scan# 90
Delta R.T. 0.012 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05



Tgt Ion: 42 Resp: 8852
Ion Ratio Lower Upper
42 100
74 90.8 79.7 119.5
44 9.1 4.7 7.1





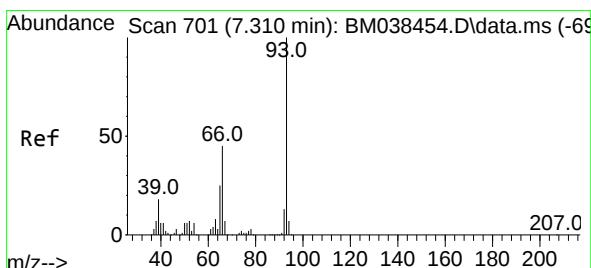
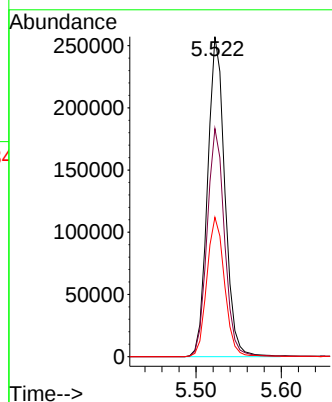
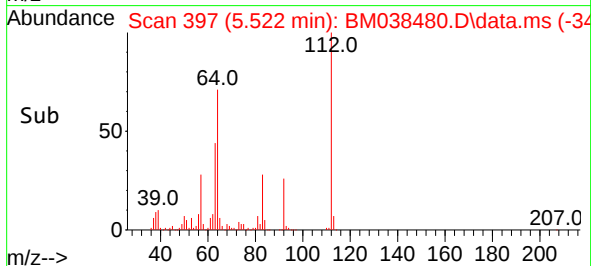
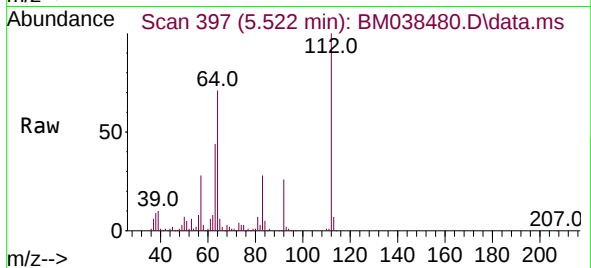
#5
2-Fluorophenol
Concen: 115.617 ng
RT: 5.522 min Scan# 399
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

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

Tgt Ion:112 Resp: 362269
Ion Ratio Lower Upper
112 100
64 71.3 53.7 80.5
63 43.5 33.7 50.5

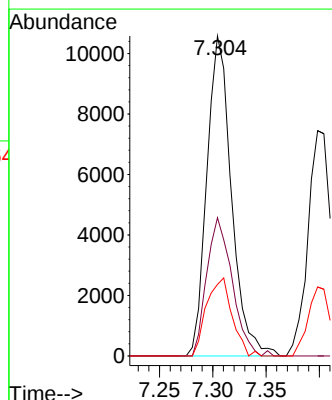
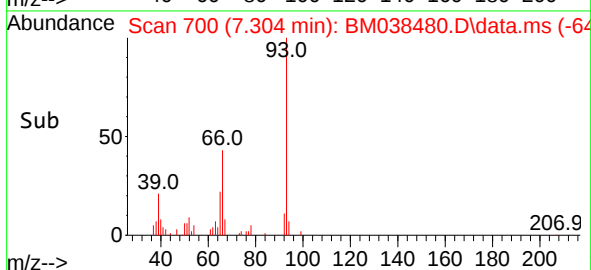
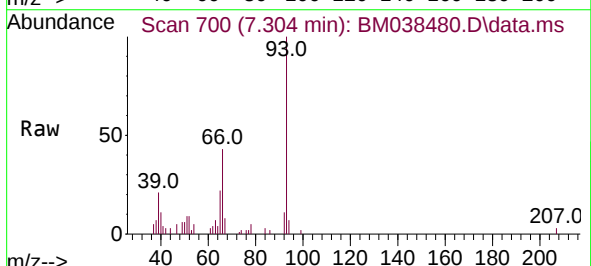
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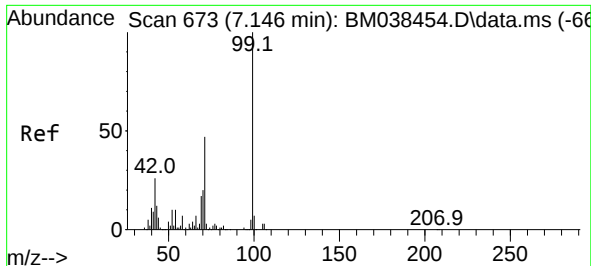
Reviewed By :Christian Giraldo 01/19/2023
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#6
Aniline
Concen: 3.353 ng
RT: 7.304 min Scan# 700
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

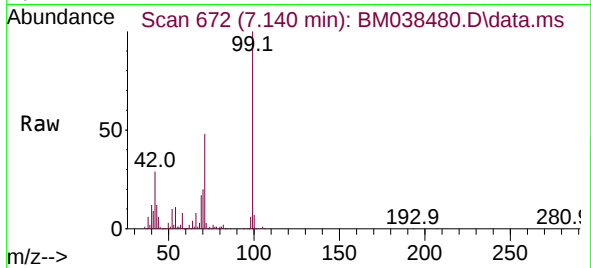
Tgt Ion: 93 Resp: 17000
Ion Ratio Lower Upper
93 100
66 43.2 36.2 54.2
65 22.3 19.8 29.8





#7
Phenol-d6
Concen: 111.873 ng
RT: 7.140 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

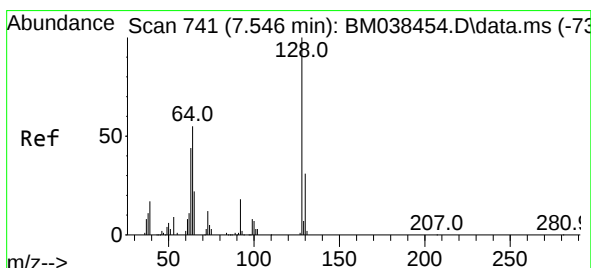
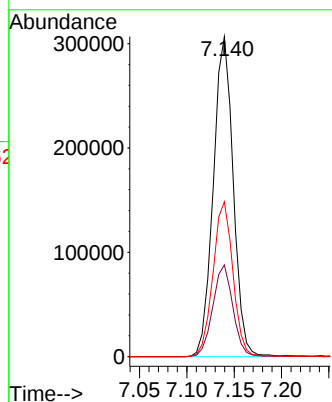
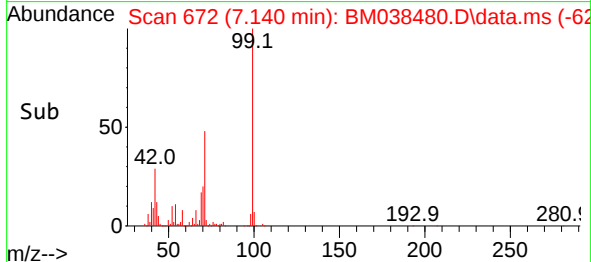
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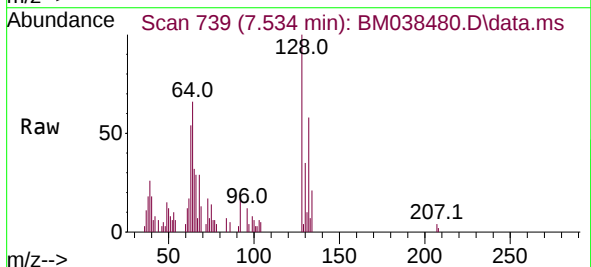
Tgt Ion: 99 Resp: 449032
Ion Ratio Lower Upper
99 100
42 28.7 20.8 31.2
71 48.4 37.8 56.8

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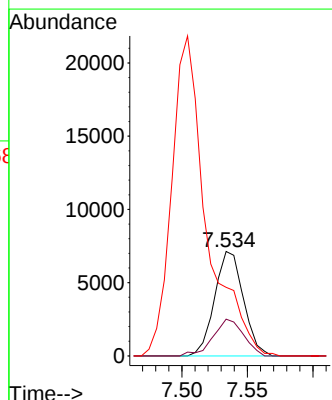
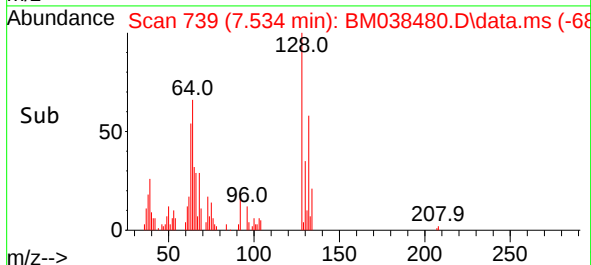
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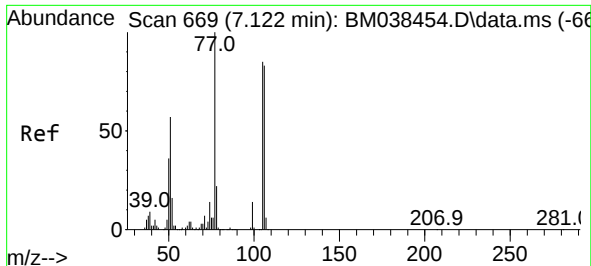


#8
2-Chlorophenol
Concen: 3.515 ng
RT: 7.534 min Scan# 739
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05



Tgt Ion:128 Resp: 10903
Ion Ratio Lower Upper
128 100
130 35.2 11.5 51.5
64 65.7 38.0 78.0





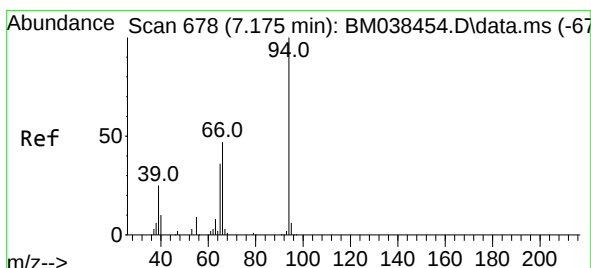
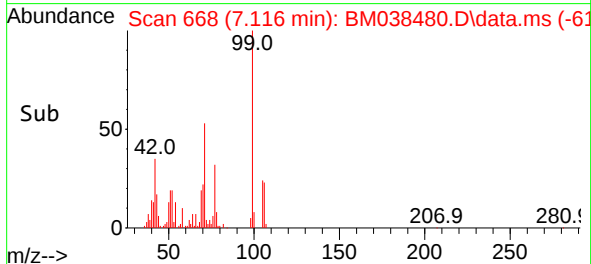
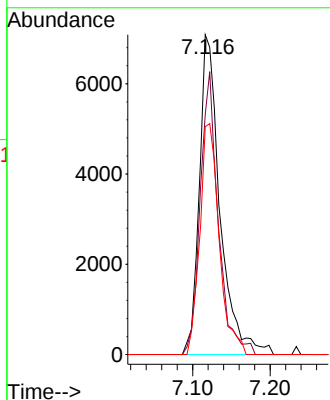
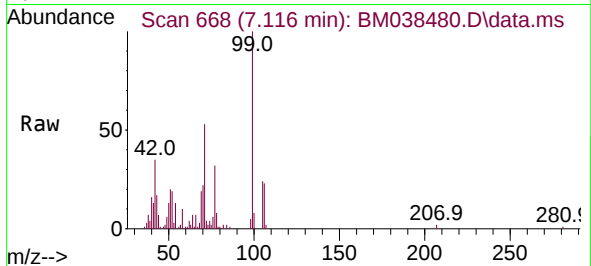
#9
Benzaldehyde
Concen: 4.896 ng
RT: 7.116 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

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

Tgt Ion: 77 Resp: 1314
Ion Ratio Lower Upper
77 100
105 75.0 65.3 105.3
106 71.2 62.5 102.5

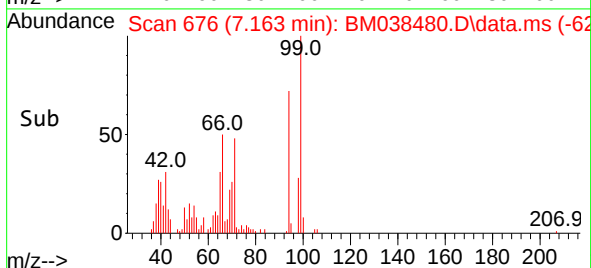
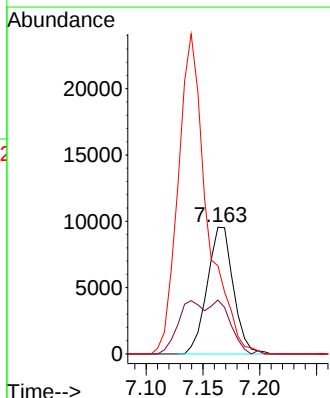
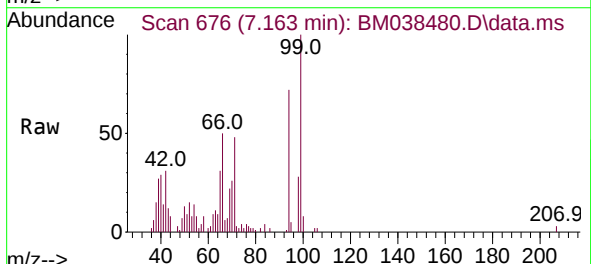
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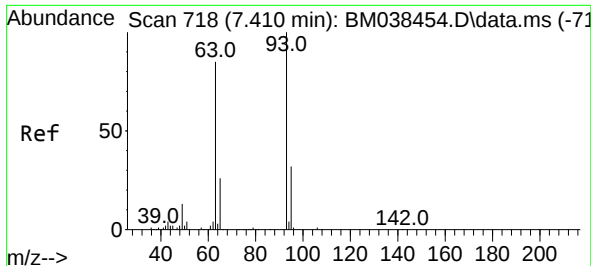
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#10
Phenol
Concen: 3.648 ng
RT: 7.163 min Scan# 676
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

Tgt Ion: 94 Resp: 15257
Ion Ratio Lower Upper
94 100
65 42.5 16.3 56.3
66 69.6 29.2 69.2#





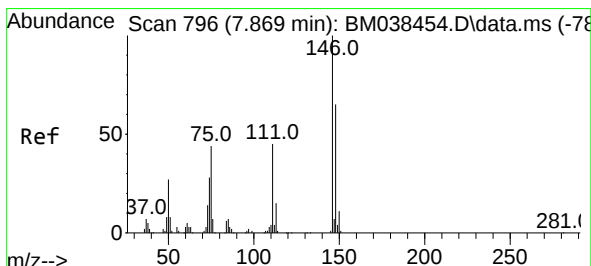
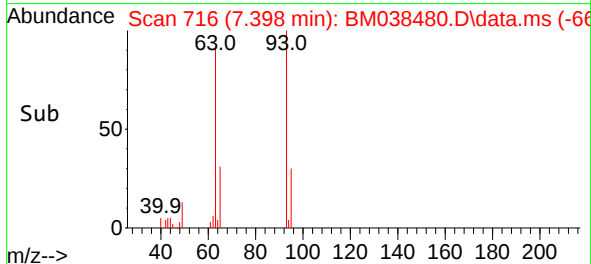
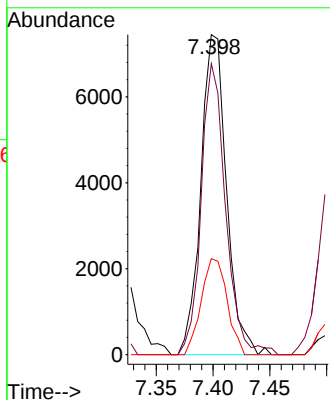
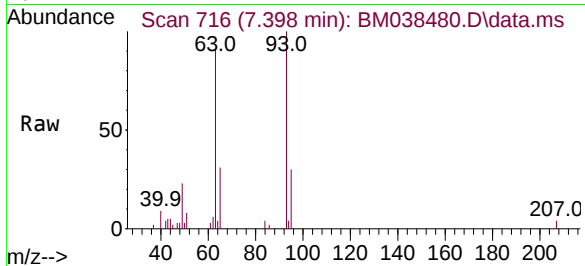
#11
bis(2-Chloroethyl)ether
Concen: 3.466 ng
RT: 7.398 min Scan# 718
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

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

Tgt Ion: 93 Resp: 11750
Ion Ratio Lower Upper
93 100
63 90.9 64.6 104.6
95 30.0 12.0 52.0

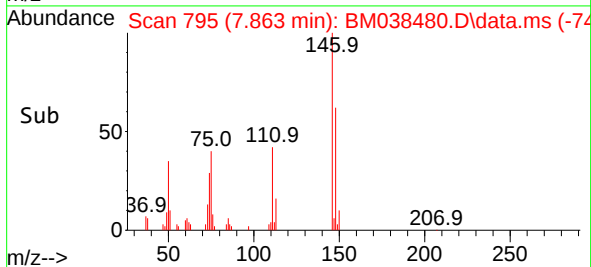
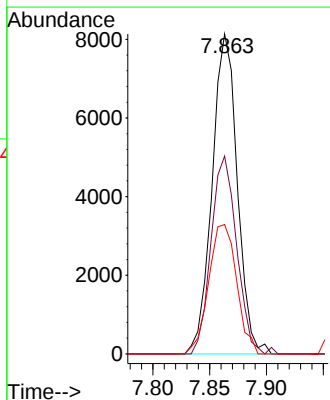
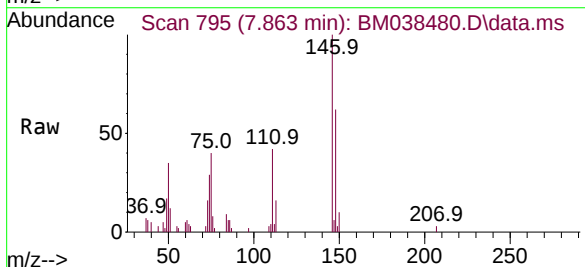
Manual Integrations
APPROVED

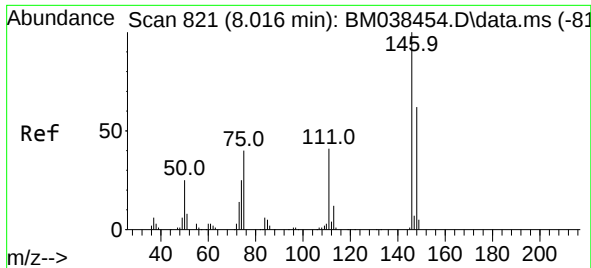
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#12
1,3-Dichlorobenzene
Concen: 3.771 ng
RT: 7.863 min Scan# 795
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

Tgt Ion:146 Resp: 12532
Ion Ratio Lower Upper
146 100
148 61.8 51.8 77.8
75 40.4 35.1 52.7





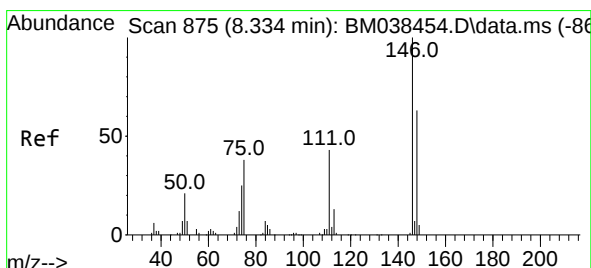
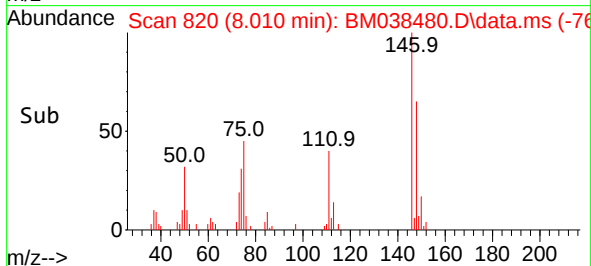
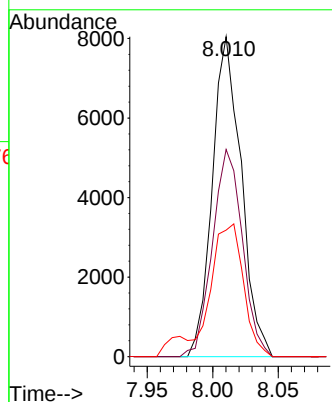
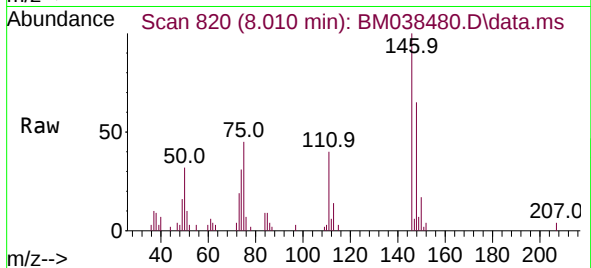
#13
1,4-Dichlorobenzene
Concen: 3.683 ng
RT: 8.010 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

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

Tgt Ion:146 Resp: 1231
Ion Ratio Lower Upper
146 100
148 64.7 50.1 75.1
111 39.5 32.8 49.2

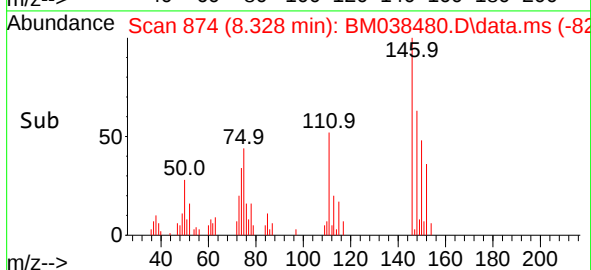
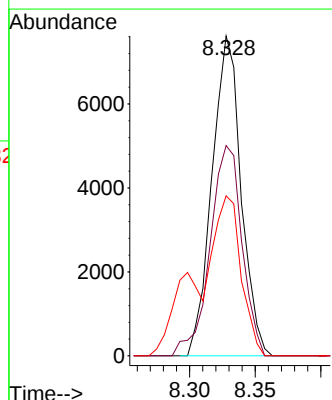
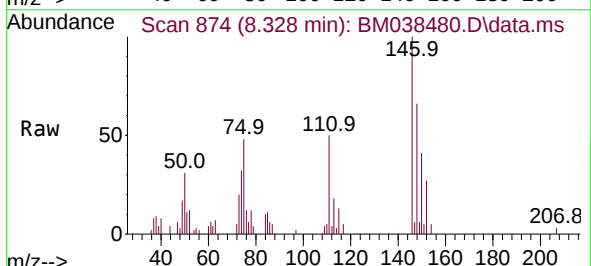
Manual Integrations
APPROVED

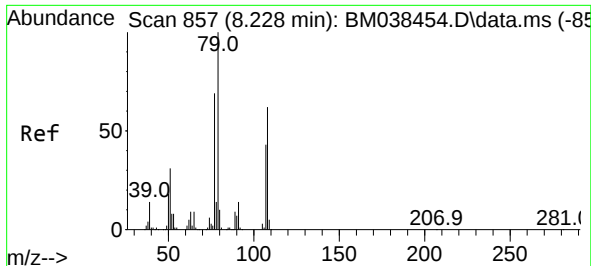
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#14
1,2-Dichlorobenzene
Concen: 3.602 ng
RT: 8.328 min Scan# 874
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

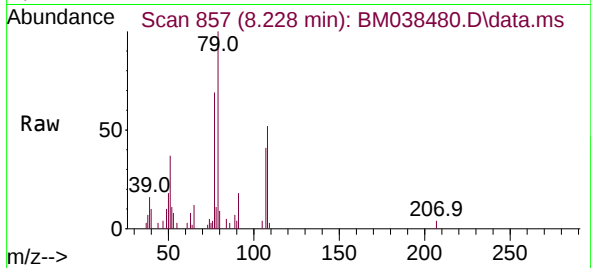
Tgt Ion:146 Resp: 11777
Ion Ratio Lower Upper
146 100
148 65.7 50.7 76.1
111 50.0 35.2 52.8





#15
Benzyl Alcohol
Concen: 3.411 ng
RT: 8.228 min Scan# 857
Delta R.T. 0.006 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

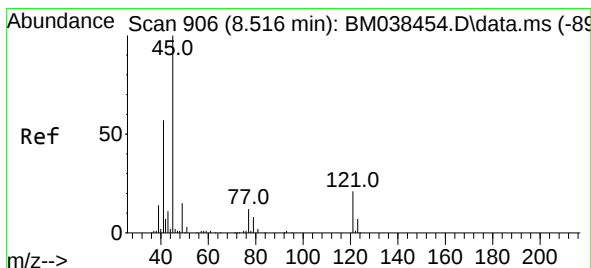
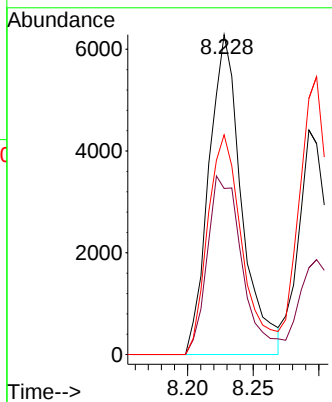
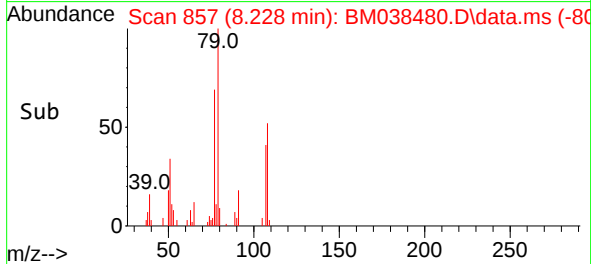
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



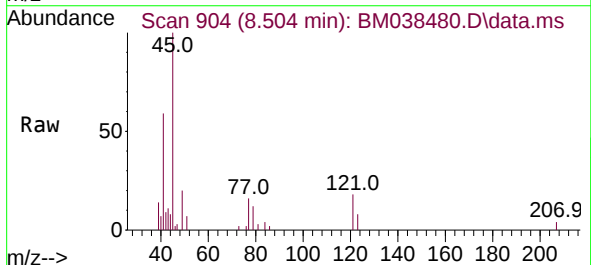
Tgt Ion: 79 Resp: 10964
Ion Ratio Lower Upper
79 100
108 51.9 49.3 73.9
77 68.7 55.1 82.7

Manual Integrations
APPROVED

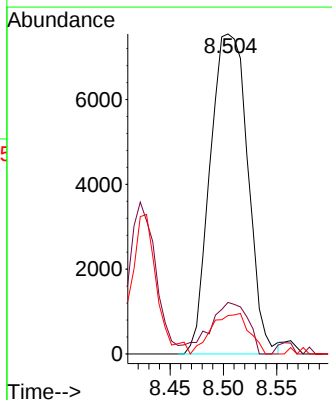
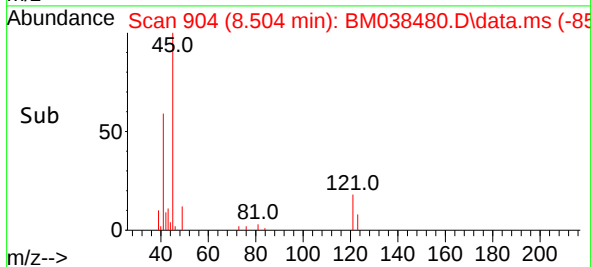
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

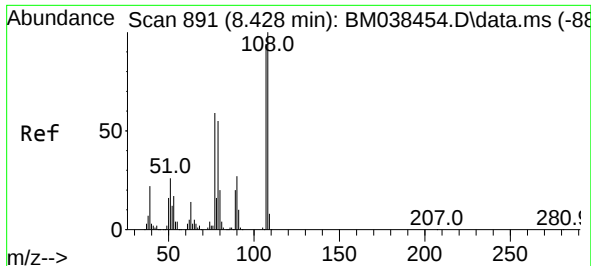


#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.918 ng
RT: 8.504 min Scan# 904
Delta R.T. -0.006 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05



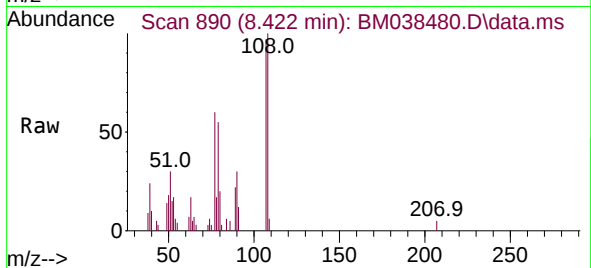
Tgt Ion: 45 Resp: 18516
Ion Ratio Lower Upper
45 100
77 16.1 0.0 34.7
79 12.0 0.0 30.4





#17
2-Methylphenol
Concen: 3.089 ng
RT: 8.422 min Scan# 891
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

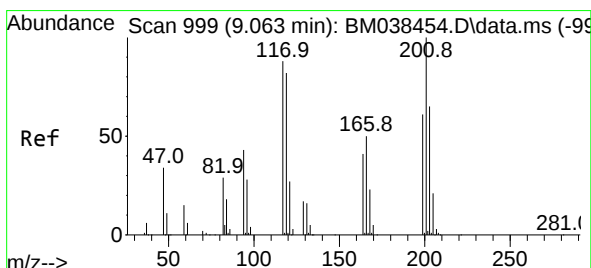
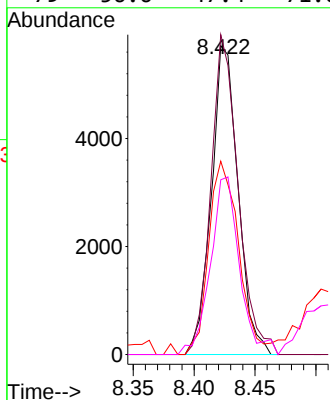
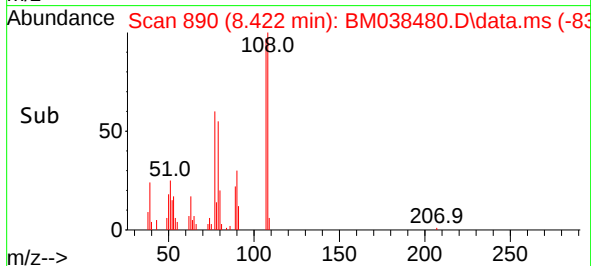
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



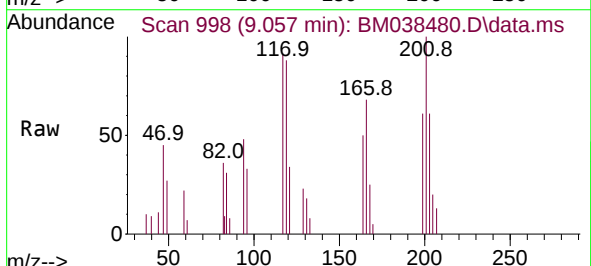
Tgt Ion:	107	Resp:	8726
Ion	Ratio	Lower	Upper
107	100		
108	103.6	85.7	128.5
77	62.6	50.5	75.7
79	56.6	47.4	71.0

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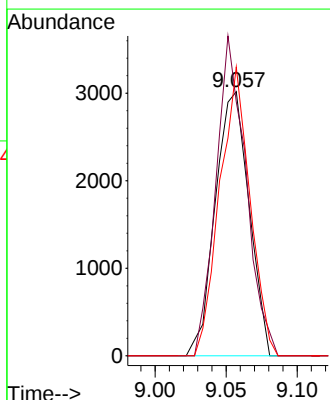
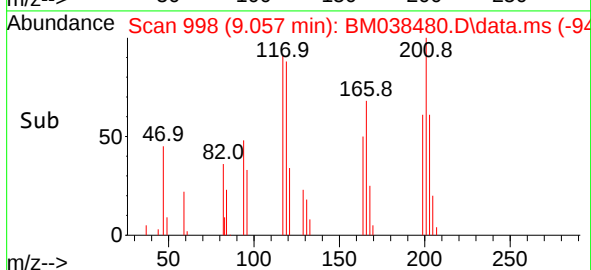
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

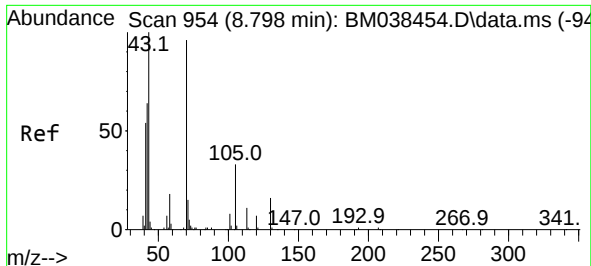


#18
Hexachloroethane
Concen: 3.644 ng
RT: 9.057 min Scan# 998
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05



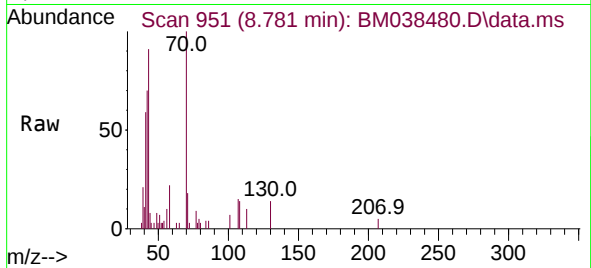
Tgt Ion:	117	Resp:	4990
Ion	Ratio	Lower	Upper
117	100		
119	96.2	74.5	111.7
201	109.3	91.3	136.9





#19
n-Nitroso-di-n-propylamine
Concen: 3.353 ng
RT: 8.781 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

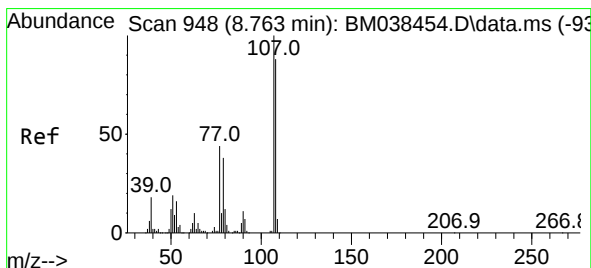
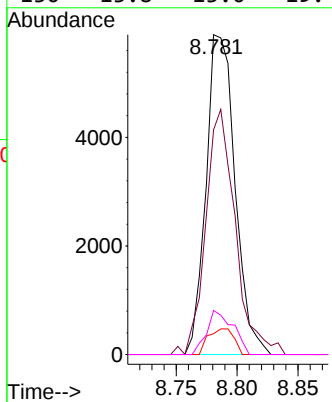
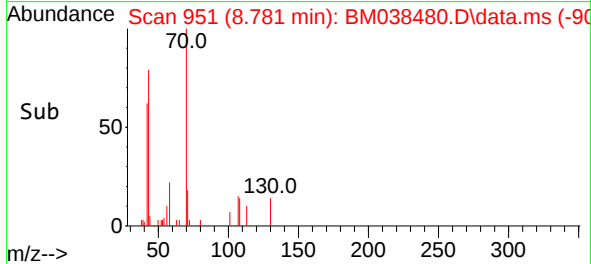
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



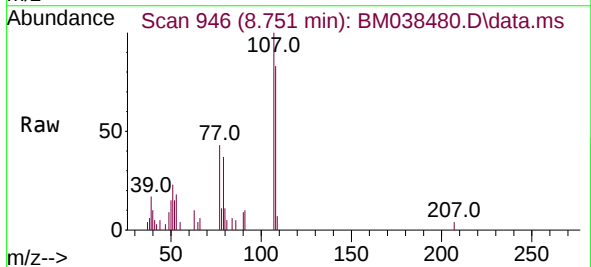
Tgt Ion: 70 Resp: 9768
Ion Ratio Lower Upper
70 100
42 70.2 54.2 81.2
101 6.5 6.6 10.0
130 13.8 13.0 19.4

Manual Integrations
APPROVED

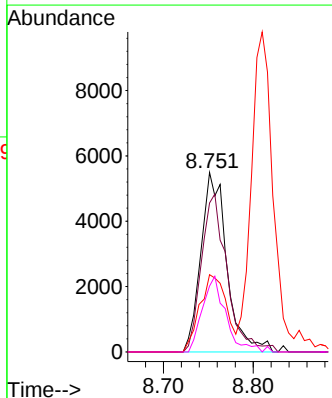
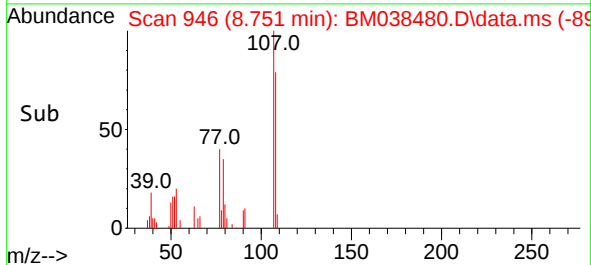
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

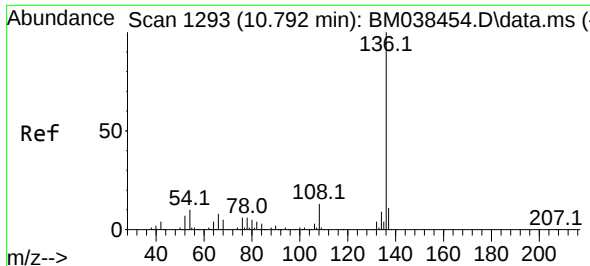


#20
3+4-Methylphenols
Concen: 2.919 ng
RT: 8.751 min Scan# 946
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05



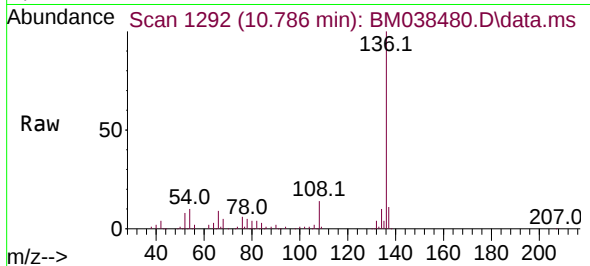
Tgt Ion:107 Resp: 11070
Ion Ratio Lower Upper
107 100
108 83.0 67.6 107.6
77 43.1 24.1 64.1
79 36.7 17.8 57.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.786 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

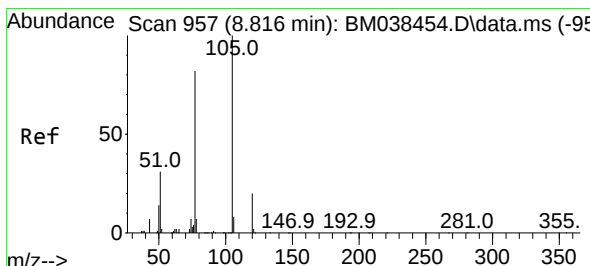
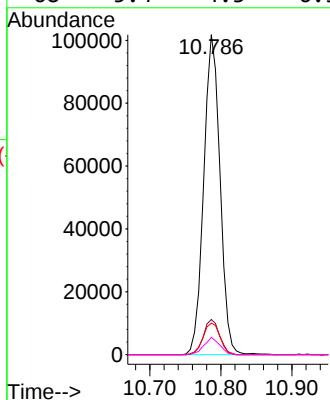
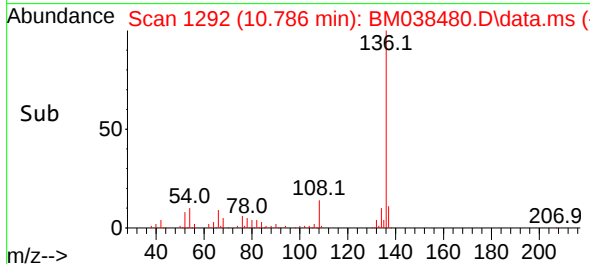
Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion:136 Resp: 161409
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 9.8 7.6 11.4
68 5.4 4.3 6.5

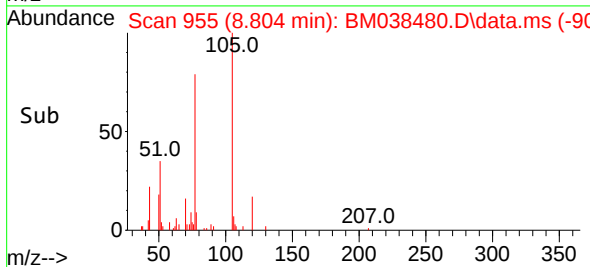
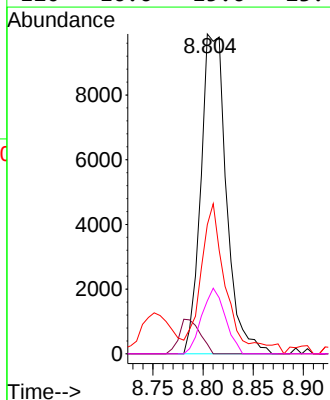
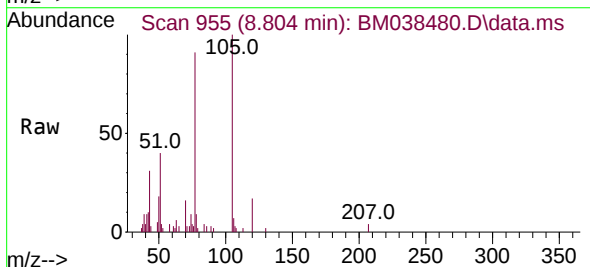
Manual Integrations
APPROVED

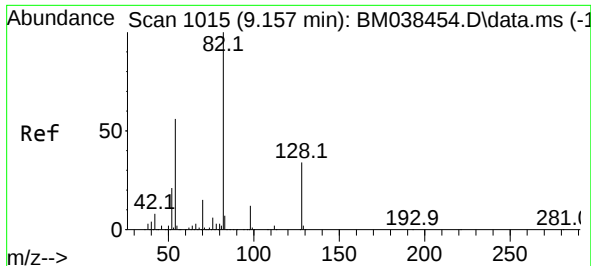
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#22
Acetophenone
Concen: 3.671 ng
RT: 8.804 min Scan# 955
Delta R.T. -0.006 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

Tgt Ion:105 Resp: 17513
Ion Ratio Lower Upper
105 100
71 3.1 1.0 1.6#
51 40.4 27.4 41.2
120 16.6 15.6 23.4





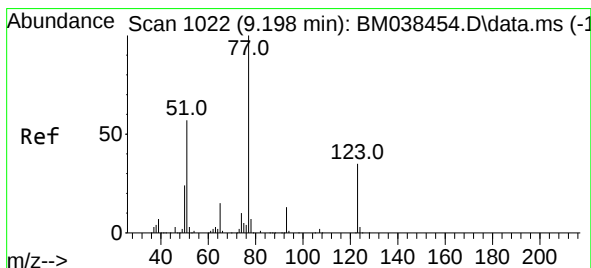
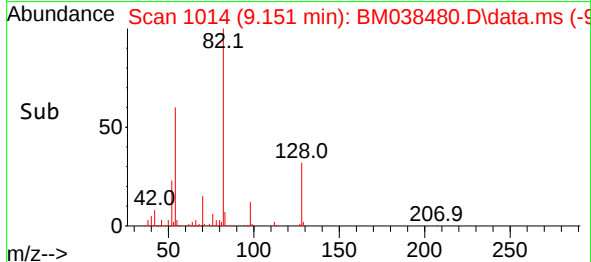
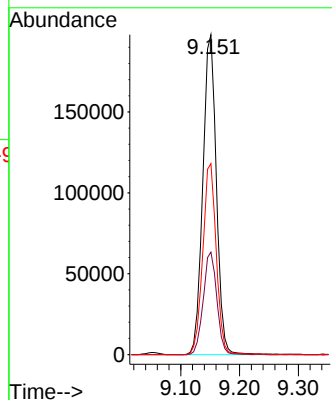
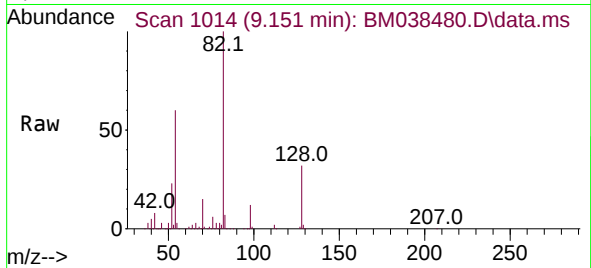
#23
Nitrobenzene-d5
Concen: 79.960 ng
RT: 9.151 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

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

Tgt Ion: 82 Resp: 316758
Ion Ratio Lower Upper
82 100
128 32.0 27.0 40.6
54 59.7 45.0 67.6

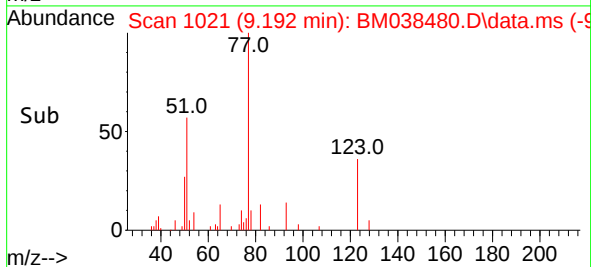
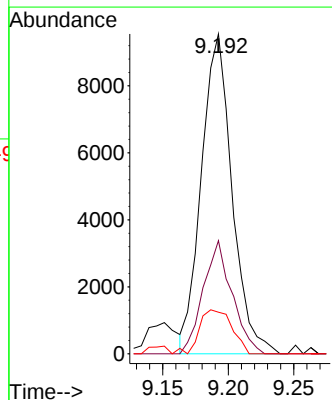
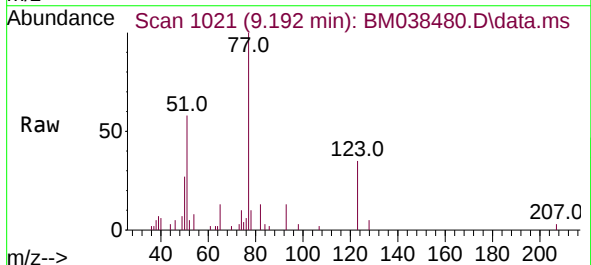
Manual Integrations
APPROVED

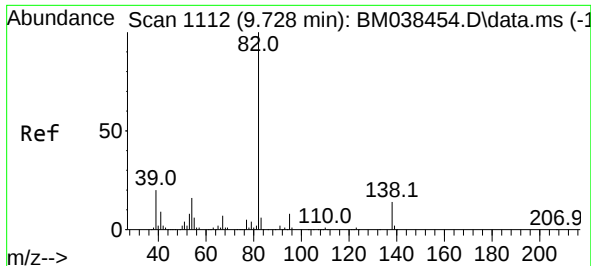
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#24
Nitrobenzene
Concen: 3.716 ng
RT: 9.192 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

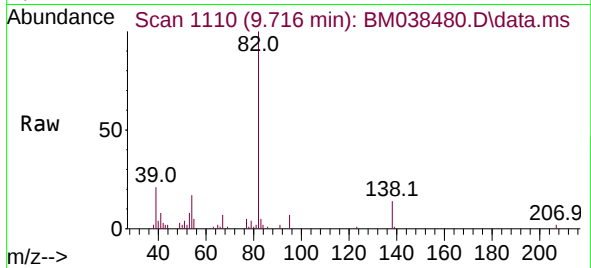
Tgt Ion: 77 Resp: 15553
Ion Ratio Lower Upper
77 100
123 35.4 28.2 42.4
65 13.0 12.1 18.1





#25
Isophorone
Concen: 3.391 ng
RT: 9.716 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

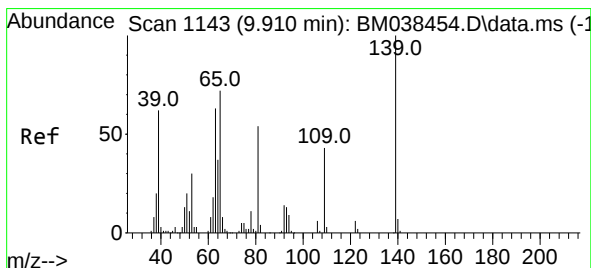
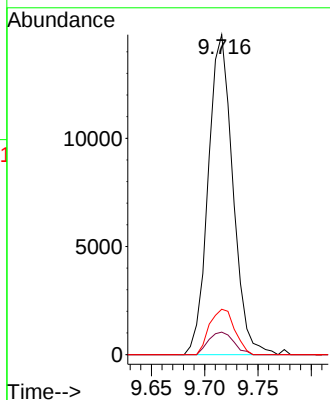
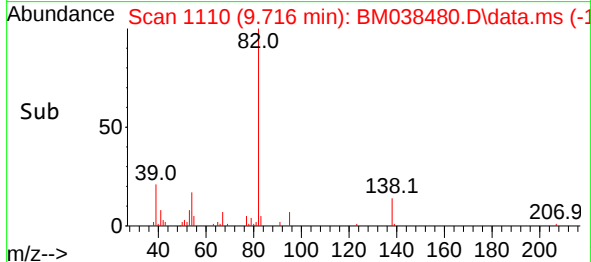
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 82 Resp: 23796
Ion Ratio Lower Upper
82 100
95 7.0 6.1 9.1
138 14.2 11.5 17.3

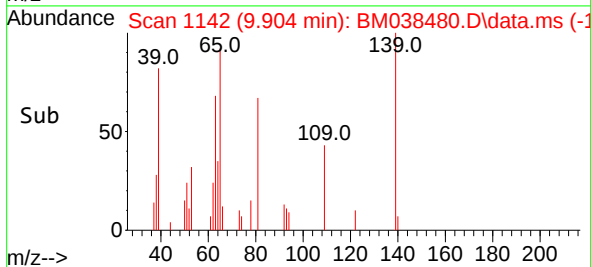
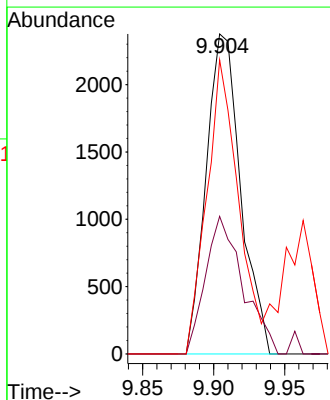
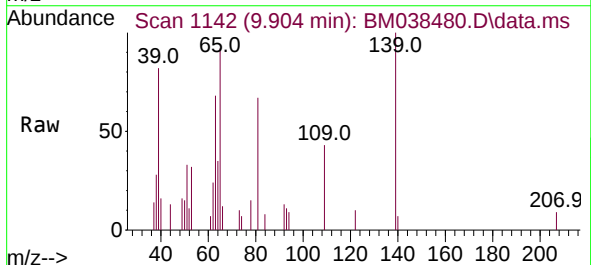
Manual Integrations
APPROVED

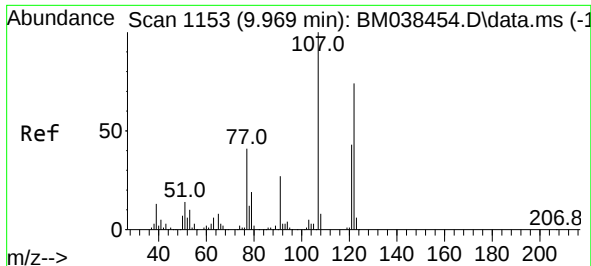
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#26
2-Nitrophenol
Concen: 2.734 ng
RT: 9.904 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

Tgt Ion:139 Resp: 4017
Ion Ratio Lower Upper
139 100
109 43.0 34.7 52.1
65 91.9 57.4 86.0#





#27

2,4-Dimethylphenol

Concen: 2.918 ng

RT: 9.957 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BM038480.D

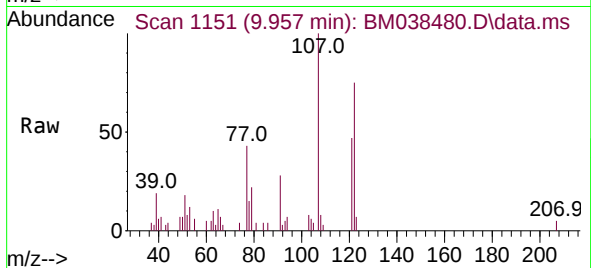
Acq: 18 Jan 2023 15:05

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

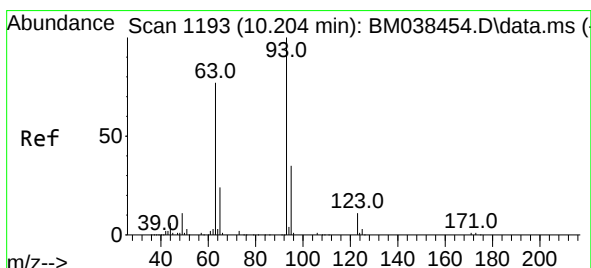
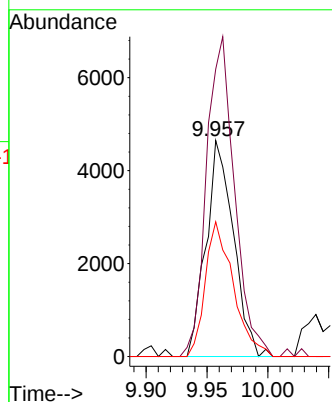
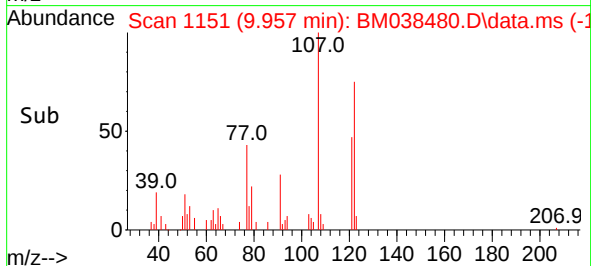


Tgt Ion:	122	Resp:	7302
Ion	Ratio	Lower	Upper
122	100		
107	133.0	107.4	161.0
121	62.4	46.6	70.0

Manual Integrations

APPROVED

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



#28

bis(2-Chloroethoxy)methane

Concen: 3.652 ng

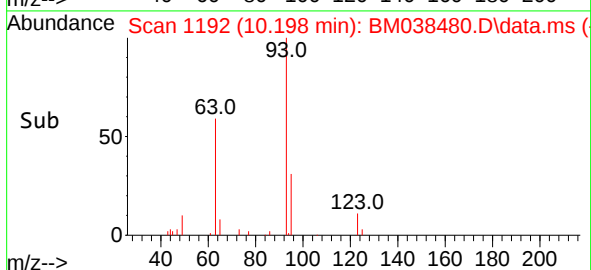
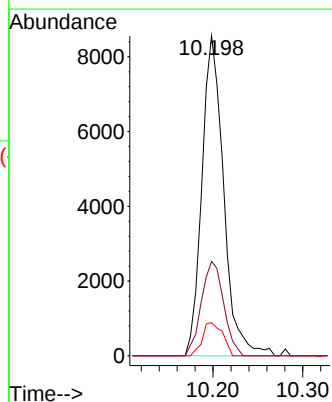
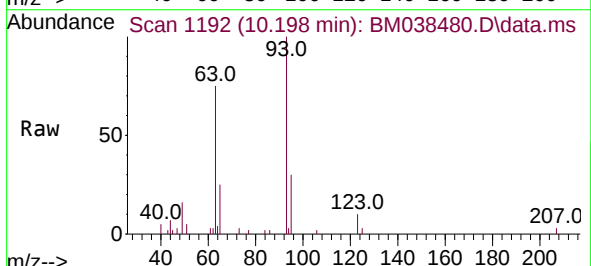
RT: 10.198 min Scan# 1192

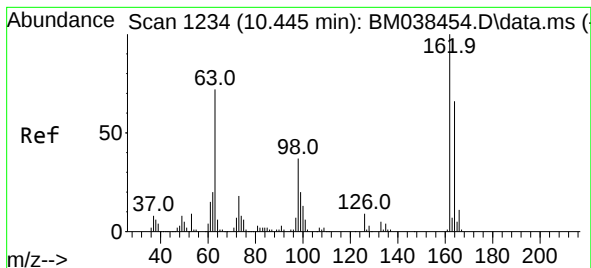
Delta R.T. 0.000 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

Tgt Ion:	93	Resp:	14413
Ion	Ratio	Lower	Upper
93	100		
95	29.5	27.7	41.5
123	10.4	8.6	13.0





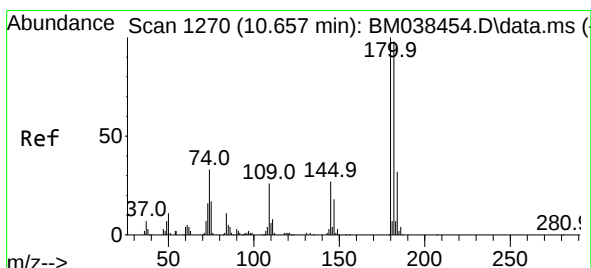
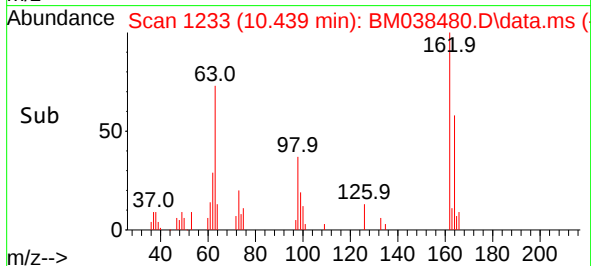
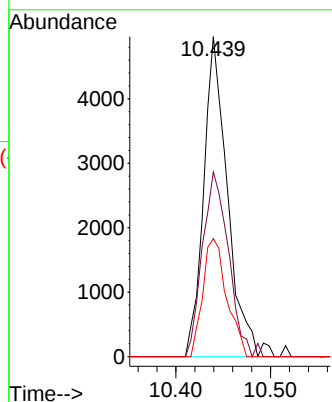
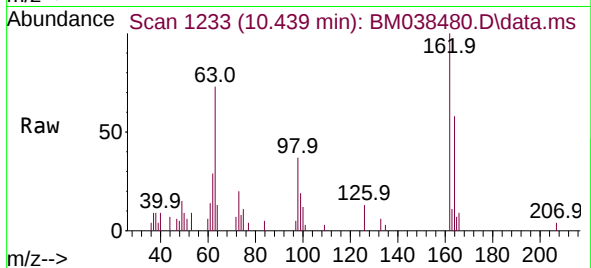
#29
2,4-Dichlorophenol
Concen: 3.154 ng
RT: 10.439 min Scan# 1233
Delta R.T. 0.006 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

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

Tgt Ion:162 Resp: 8718
Ion Ratio Lower Upper
162 100
164 57.7 46.5 86.5
98 36.9 17.1 57.1

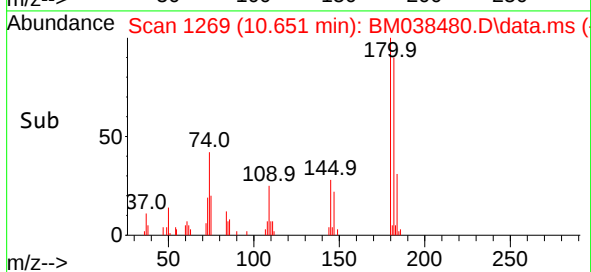
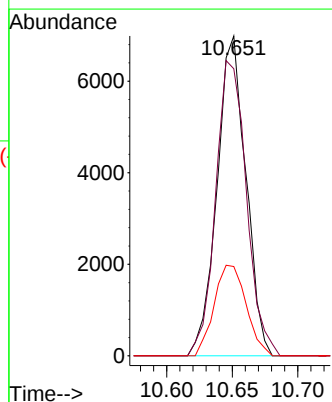
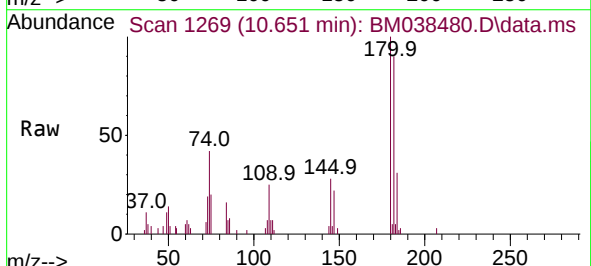
Manual Integrations
APPROVED

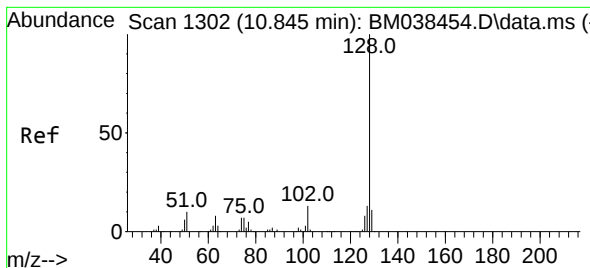
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#30
1,2,4-Trichlorobenzene
Concen: 3.351 ng
RT: 10.651 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

Tgt Ion:180 Resp: 10712
Ion Ratio Lower Upper
180 100
182 89.7 78.1 117.1
145 27.9 21.9 32.9





#31

Naphthalene

Concen: 3.576 ng

RT: 10.839 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

Instrument :

BNA_M

ClientSampleId :

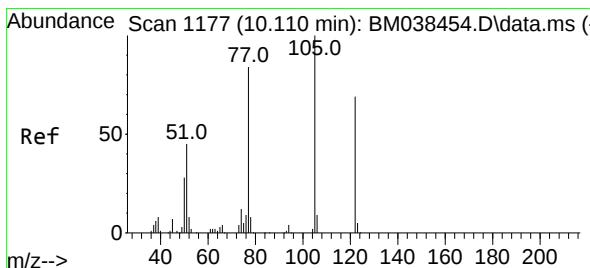
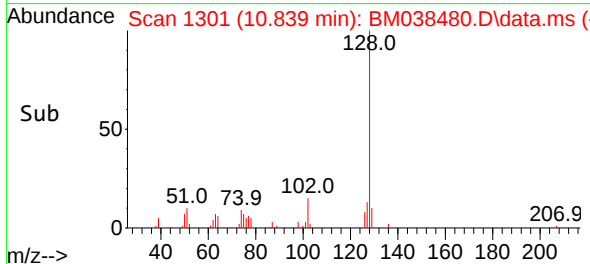
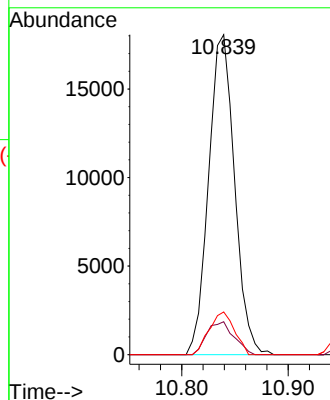
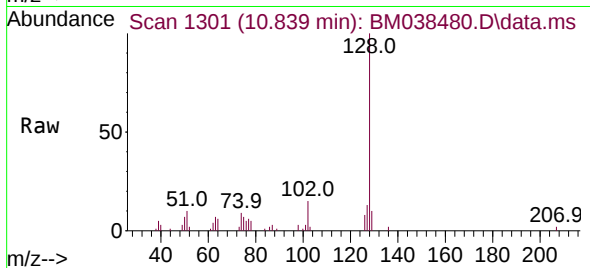
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:128	Resp:	30594
Ion Ratio	Lower	Upper
128	100	
129	10.3	8.9 13.3
127	13.3	10.8 16.2

Manual Integrations

APPROVED

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



#32

Benzoic acid

Concen: 6.216 ng

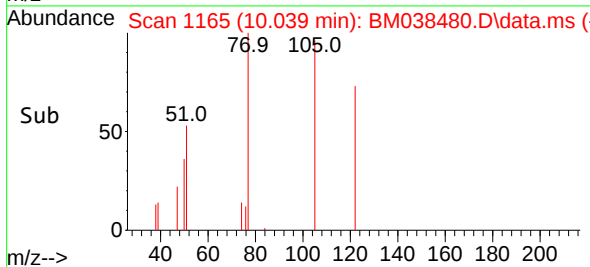
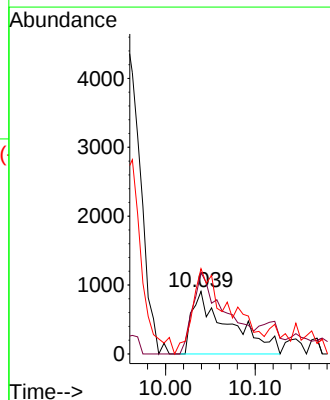
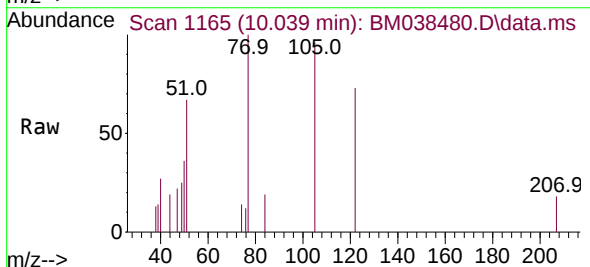
RT: 10.039 min Scan# 1165

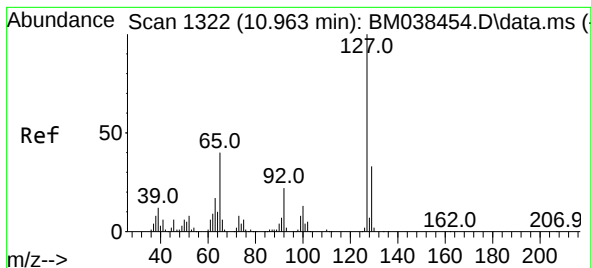
Delta R.T. -0.059 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

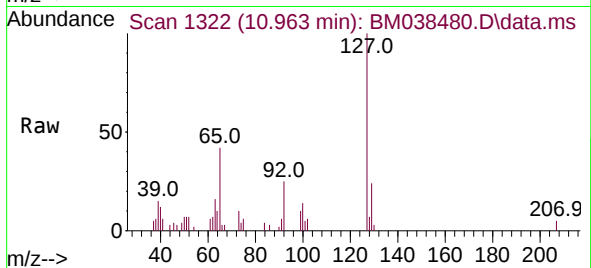
Tgt Ion:122	Resp:	2611
Ion Ratio	Lower	Upper
122	100	
105	130.4	122.6 162.6
77	136.2	101.5 141.5





#33
4-Chloroaniline
Concen: 2.864 ng
RT: 10.963 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

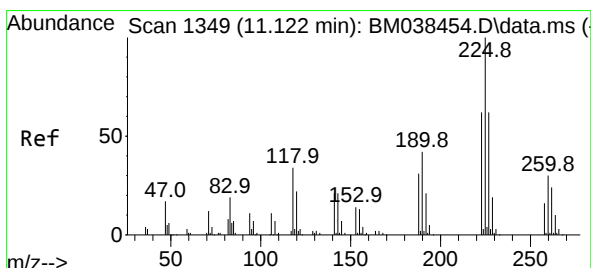
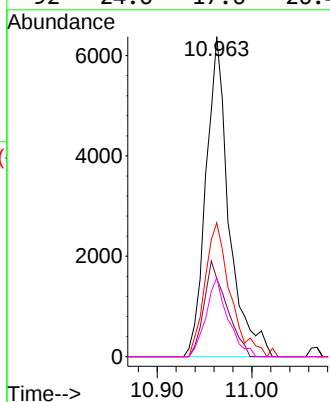
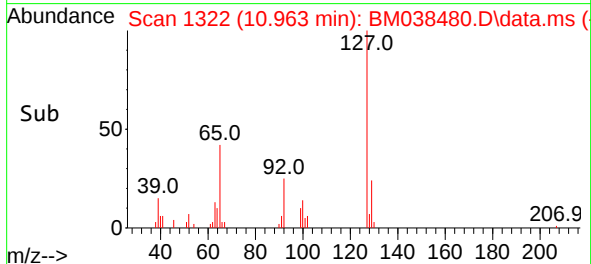
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion	Ratio	Lower	Upper
127	100		
129	24.4	26.4	39.6
65	41.8	32.1	48.1
92	24.6	17.6	26.4

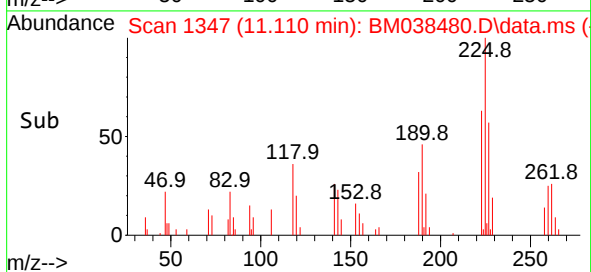
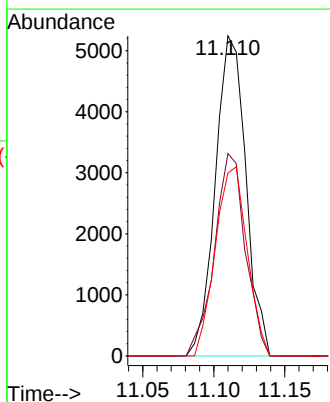
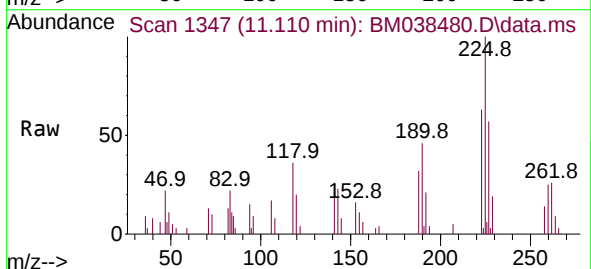
Manual Integrations
APPROVED

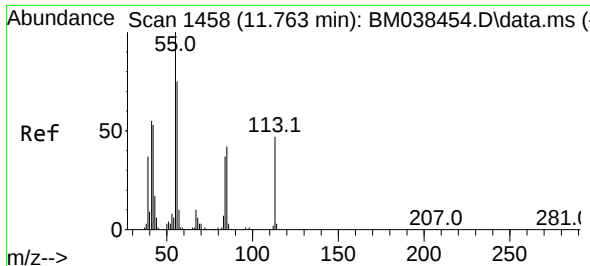
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#34
Hexachlorobutadiene
Concen: 3.501 ng
RT: 11.110 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

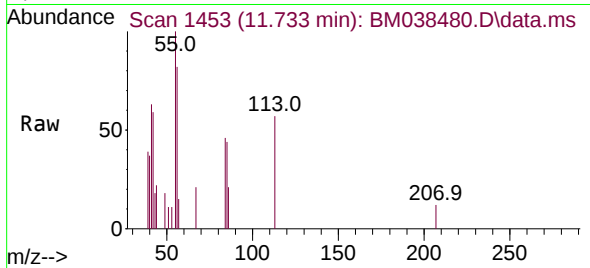
Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.4	49.8	74.8
227	56.6	49.6	74.4





#35
Caprolactam
Concen: 2.557 ng
RT: 11.733 min Scan# 1458
Delta R.T. -0.017 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

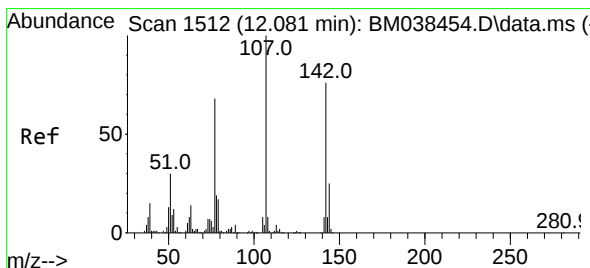
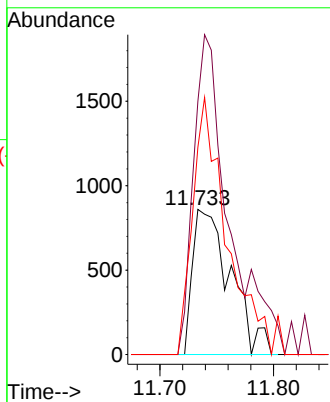
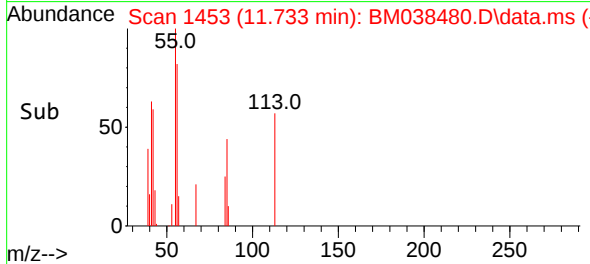
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion:113 Resp: 1998
Ion Ratio Lower Upper
113 100
55 174.3 194.2 234.2
56 142.7 141.6 181.6

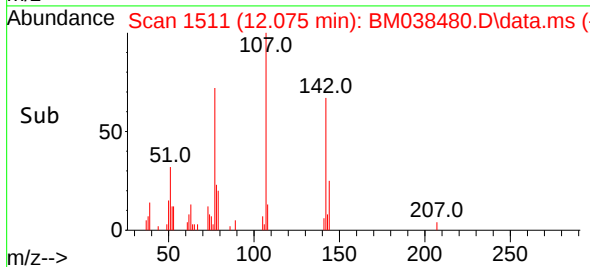
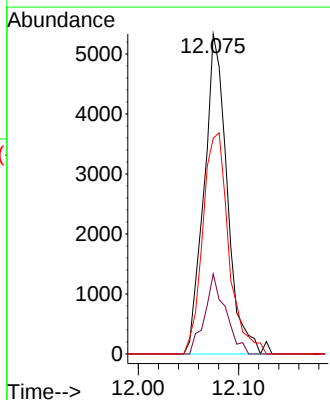
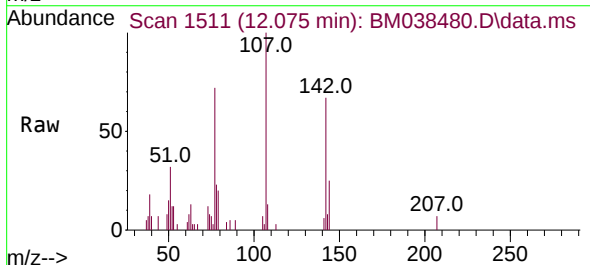
Manual Integrations
APPROVED

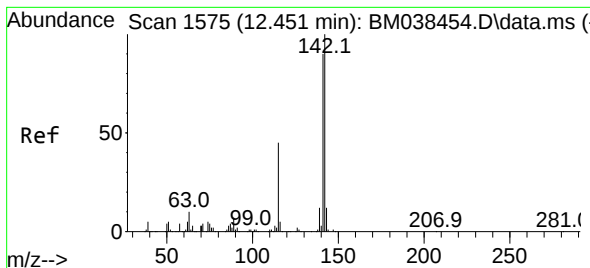
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#36
4-Chloro-3-methylphenol
Concen: 2.840 ng
RT: 12.075 min Scan# 1511
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

Tgt Ion:107 Resp: 8561
Ion Ratio Lower Upper
107 100
144 25.0 20.3 30.5
142 67.4 61.2 91.8





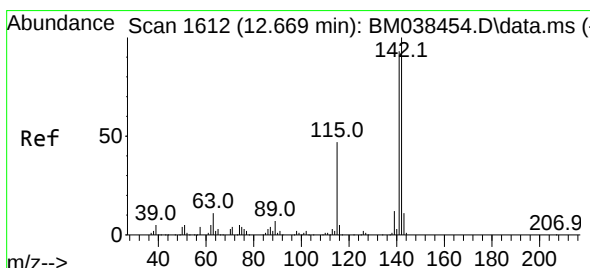
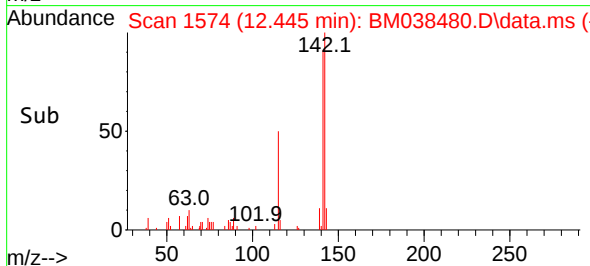
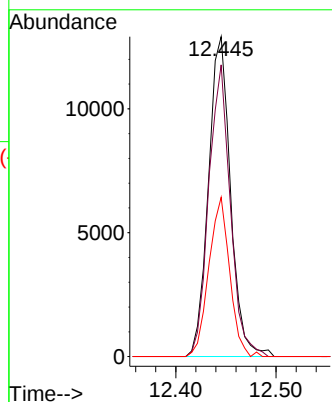
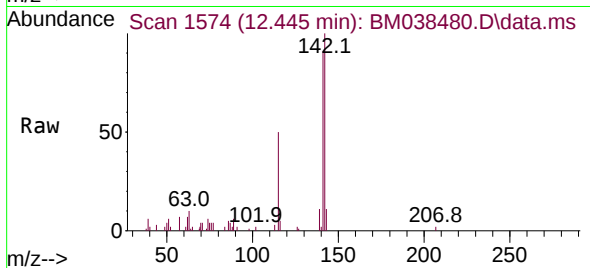
#37
2-Methylnaphthalene
Concen: 3.163 ng
RT: 12.445 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

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

Tgt Ion:142 Resp: 1978
Ion Ratio Lower Upper
142 100
141 91.2 72.0 108.0
115 49.8 35.9 53.9

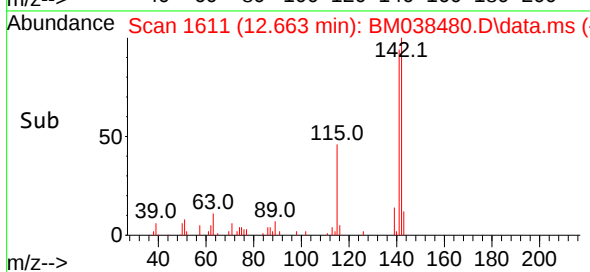
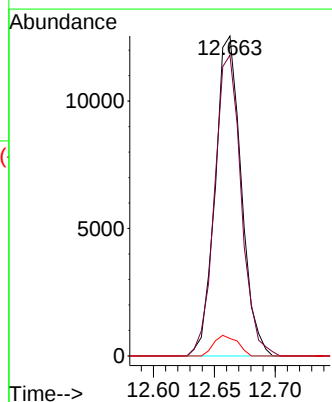
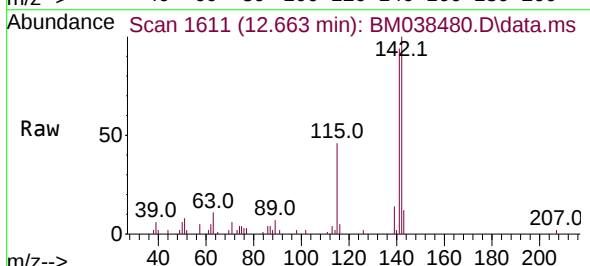
Manual Integrations
APPROVED

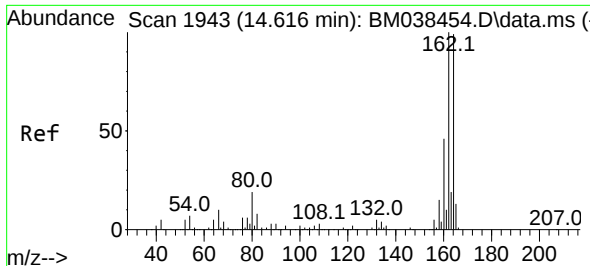
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#38
1-Methylnaphthalene
Concen: 3.186 ng
RT: 12.663 min Scan# 1611
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

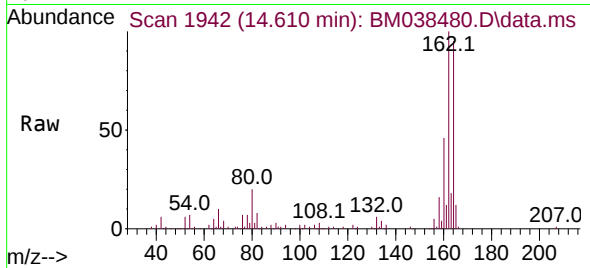
Tgt Ion:142 Resp: 18710
Ion Ratio Lower Upper
142 100
141 94.0 74.4 111.6
116 5.4 3.8 5.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

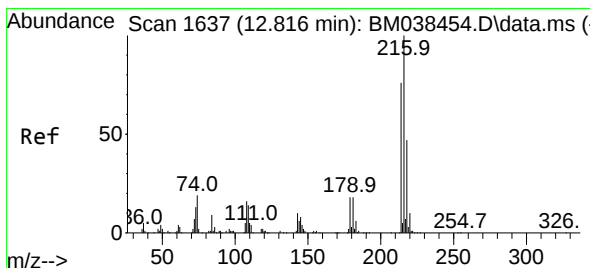
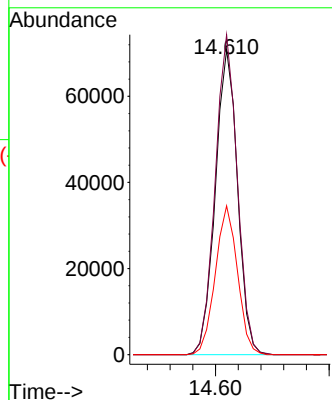
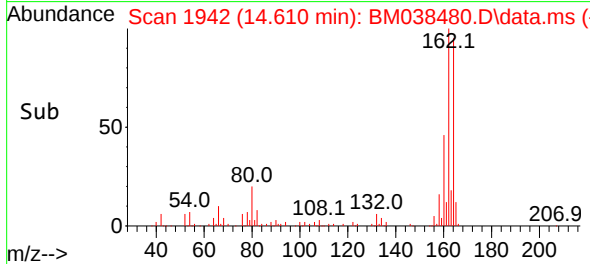
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion:164 Resp: 96036
Ion Ratio Lower Upper
164 100
162 104.9 80.9 121.3
160 48.8 37.4 56.0

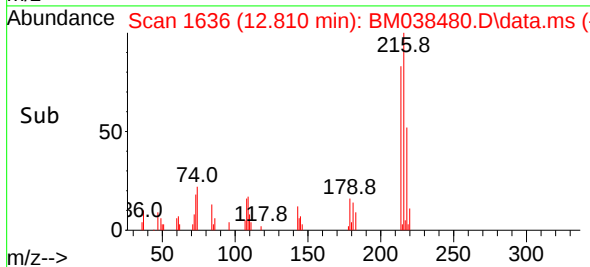
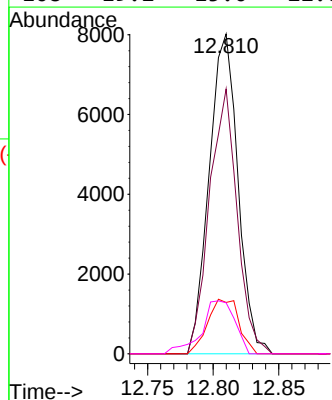
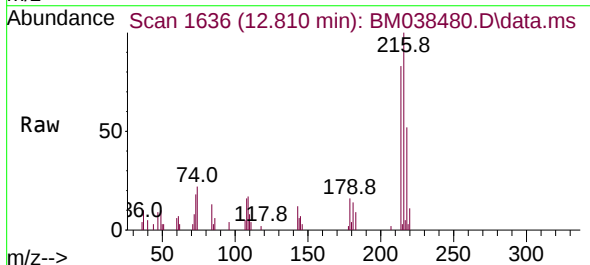
Manual Integrations
APPROVED

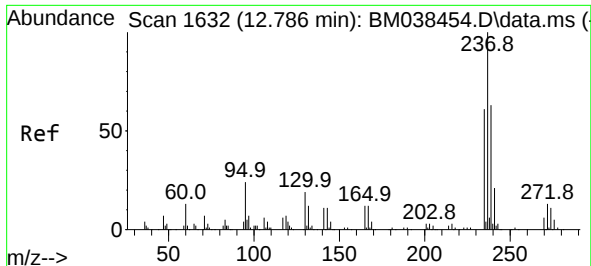
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.411 ng
RT: 12.810 min Scan# 1636
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

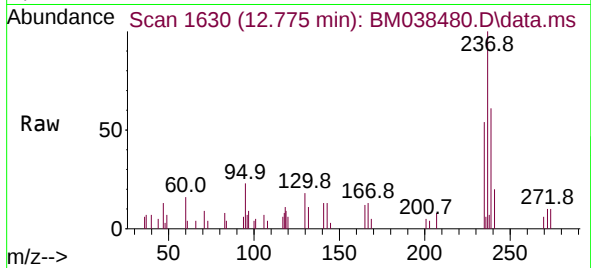
Tgt Ion:216 Resp: 12259
Ion Ratio Lower Upper
216 100
214 79.4 61.4 92.0
179 18.5 15.3 22.9
108 19.2 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 3.188 ng
RT: 12.775 min Scan# 1630
Delta R.T. -0.006 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

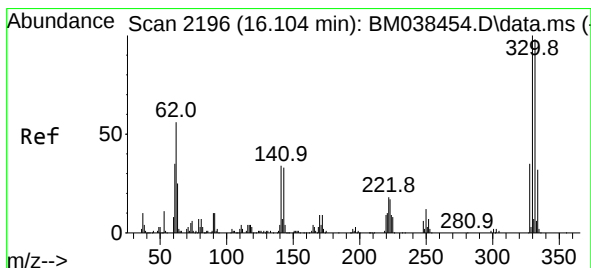
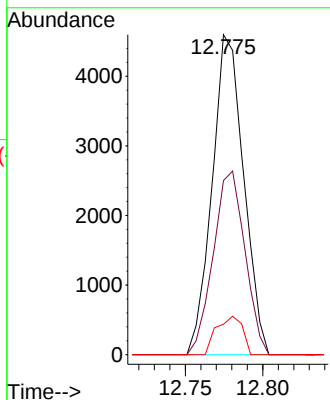
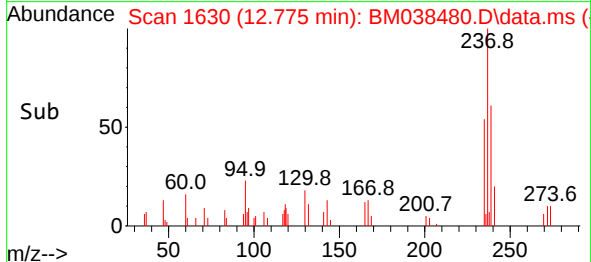
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



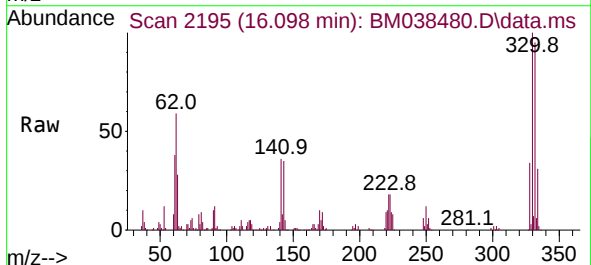
Tgt Ion: 237 Resp: 6515
Ion Ratio Lower Upper
237 100
235 54.4 40.9 80.9
272 9.5 0.0 32.6

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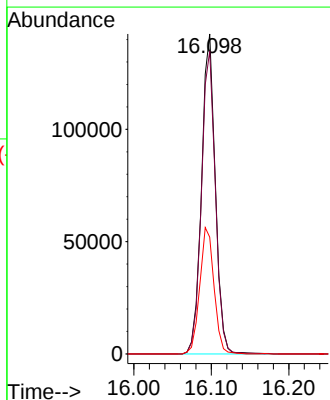
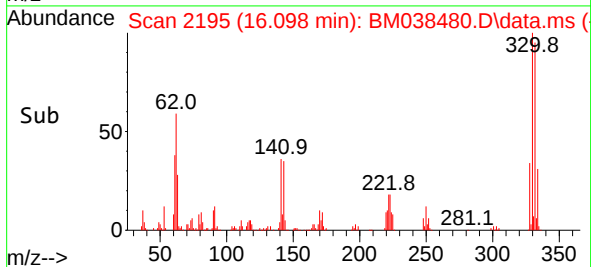
Reviewed By : Christian Giraldo 01/19/2023
Supervised By : Jagrut Upadhyay 01/19/2023

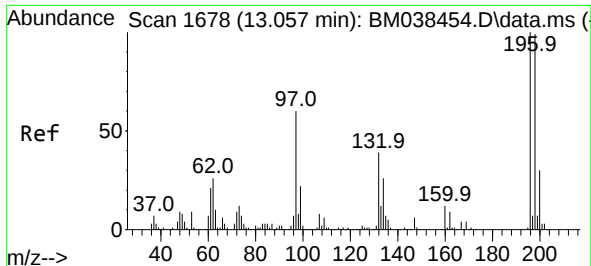


#42
2,4,6-Tribromophenol
Concen: 108.045 ng
RT: 16.098 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05



Tgt Ion: 330 Resp: 175410
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.4
141 40.9 28.1 42.1





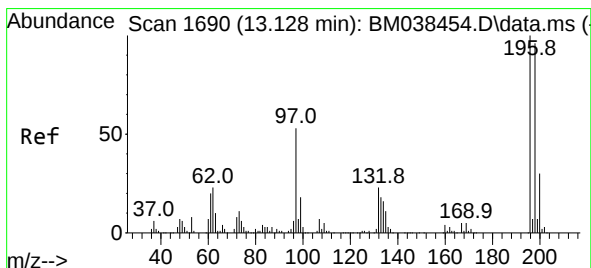
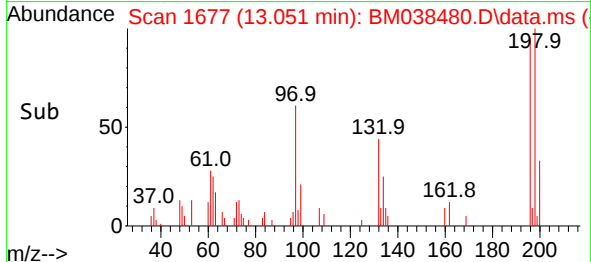
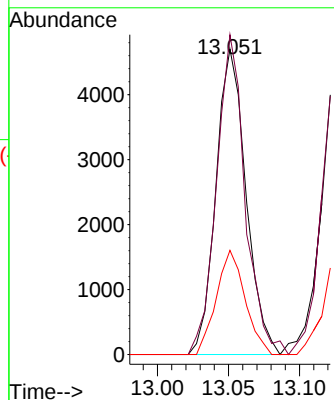
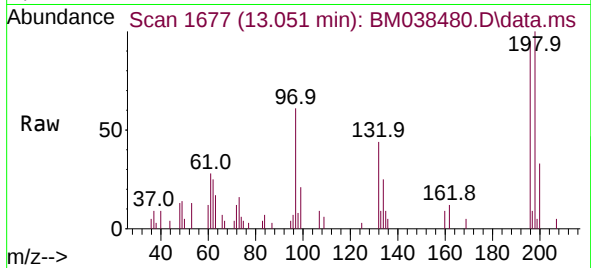
#43
2,4,6-Trichlorophenol
Concen: 3.045 ng
RT: 13.051 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

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

Tgt Ion:196 Resp: 6919
Ion Ratio Lower Upper
196 100
198 104.7 78.8 118.2
200 34.1 24.4 36.6

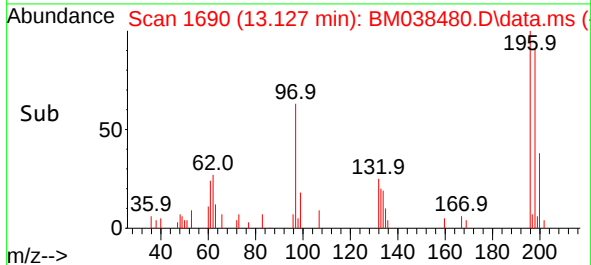
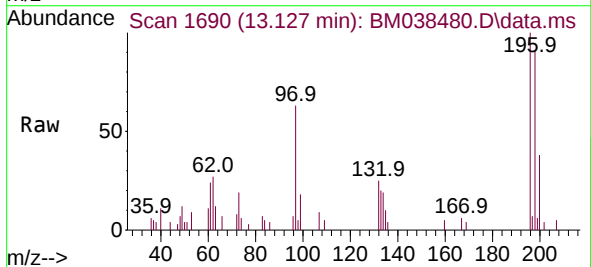
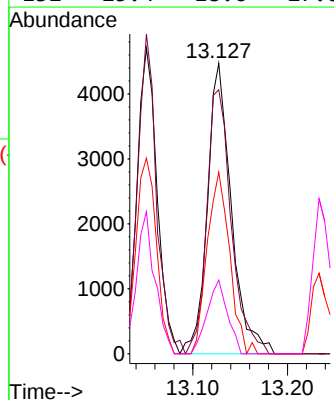
Manual Integrations
APPROVED

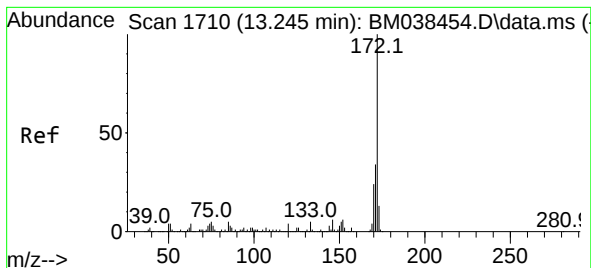
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#44
2,4,5-Trichlorophenol
Concen: 2.949 ng
RT: 13.127 min Scan# 1690
Delta R.T. 0.006 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

Tgt Ion:196 Resp: 7899
Ion Ratio Lower Upper
196 100
198 90.9 77.4 116.2
97 62.5 42.4 63.6
132 25.4 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 76.466 ng

RT: 13.239 min Scan# 1709

Delta R.T. 0.000 min

Lab File: BM038480.D

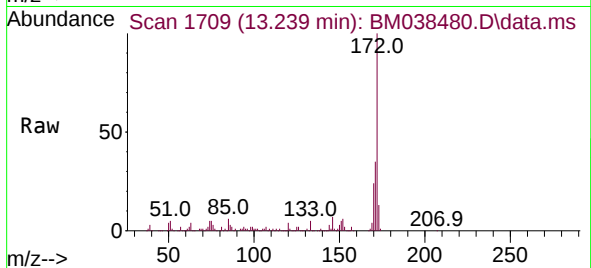
Acq: 18 Jan 2023 15:05

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022



Tgt Ion:172 Resp: 588839

Ion Ratio Lower Upper

172 100

171 35.4 27.5 41.3

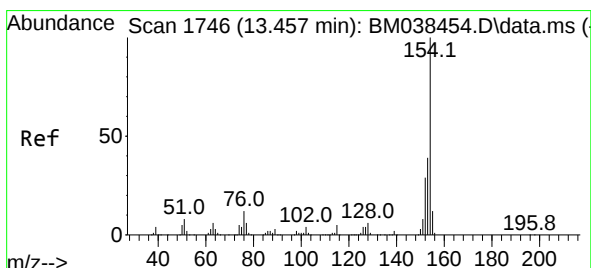
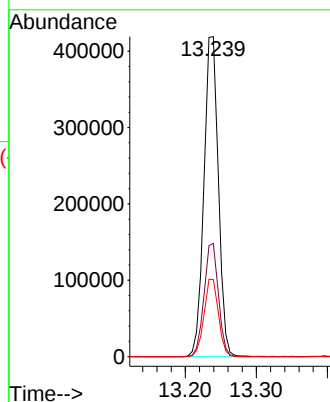
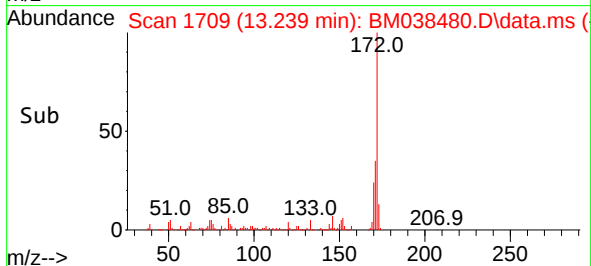
170 24.1 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/19/2023

Supervised By :Jagrut Upadhyay 01/19/2023



#46

1,1'-Biphenyl

Concen: 3.627 ng

RT: 13.445 min Scan# 1744

Delta R.T. 0.000 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

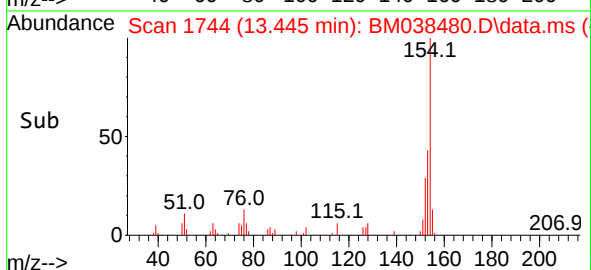
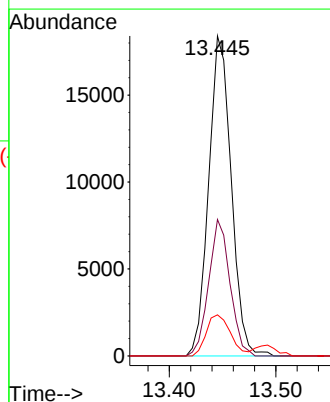
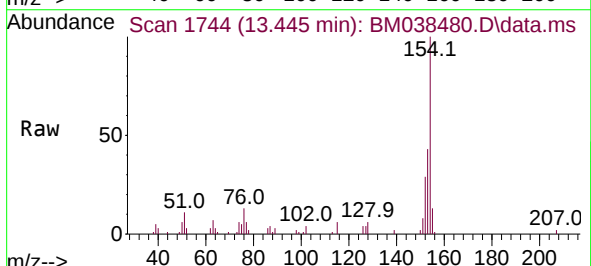
Tgt Ion:154 Resp: 27025

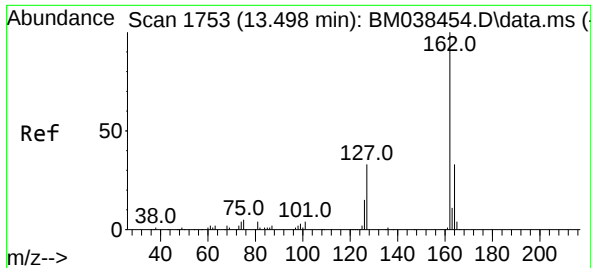
Ion Ratio Lower Upper

154 100

153 42.6 19.3 59.3

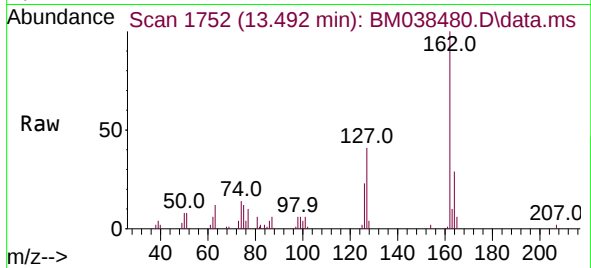
76 12.8 0.0 32.2





#47
2-Chloronaphthalene
Concen: 3.594 ng
RT: 13.492 min Scan# 1752
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

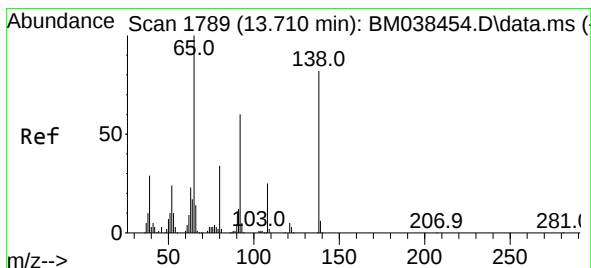
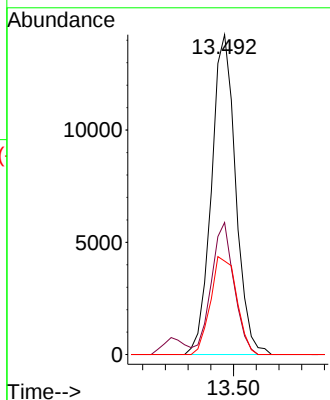
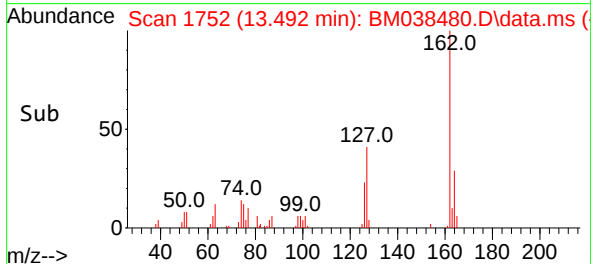
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



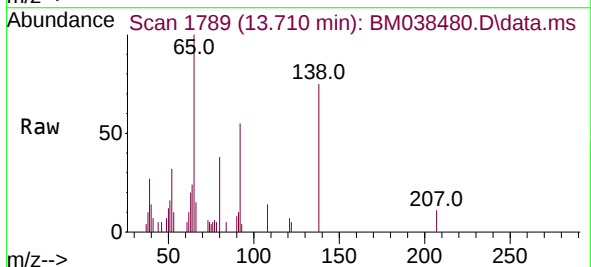
Tgt Ion:162 Resp: 21076
Ion Ratio Lower Upper
162 100
127 41.3 29.5 44.3
164 29.2 26.2 39.4

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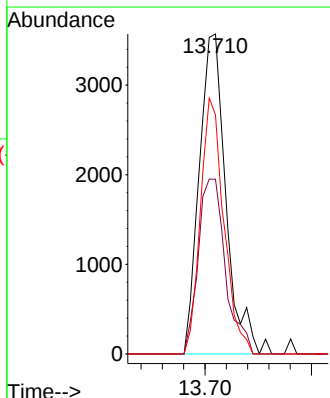
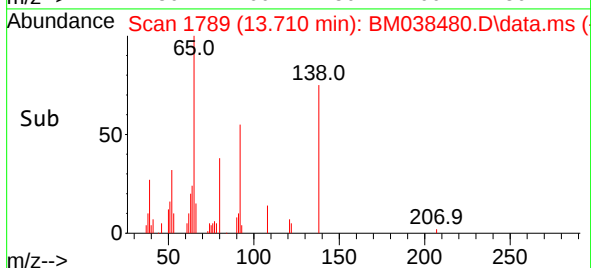
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

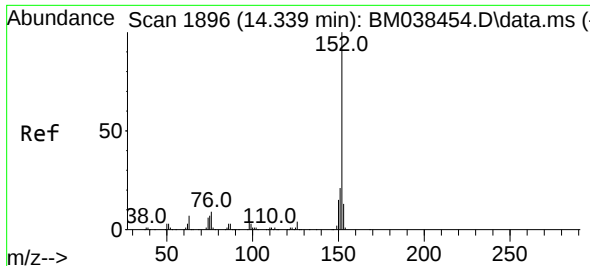


#48
2-Nitroaniline
Concen: 4.785 ng
RT: 13.710 min Scan# 1789
Delta R.T. 0.006 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05



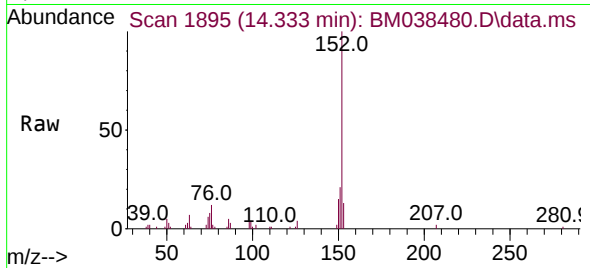
Tgt Ion: 65 Resp: 6213
Ion Ratio Lower Upper
65 100
92 54.6 47.6 71.4
138 74.7 65.8 98.8





#49
Acenaphthylene
Concen: 3.032 ng
RT: 14.333 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

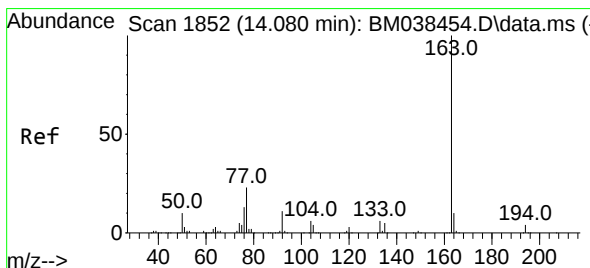
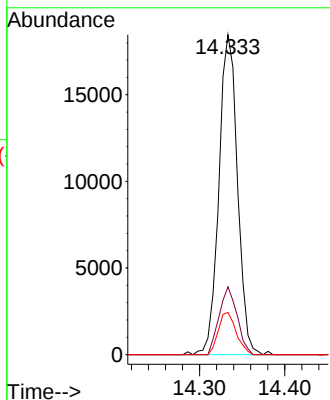
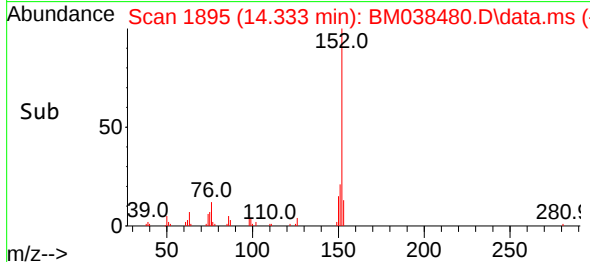
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



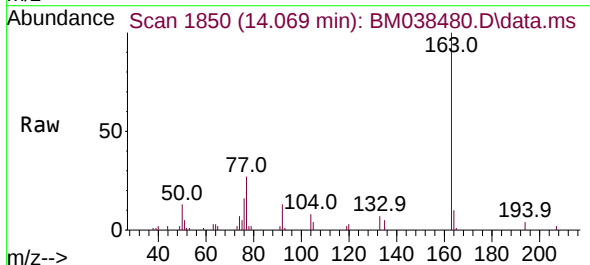
Tgt Ion:152 Resp: 28034
Ion Ratio Lower Upper
152 100
151 21.2 16.4 24.6
153 13.2 10.6 15.8

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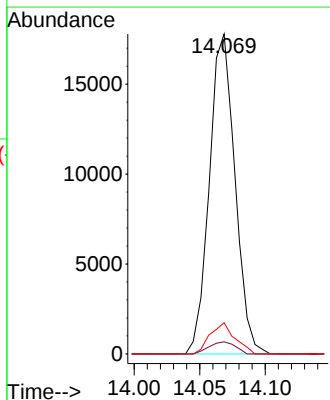
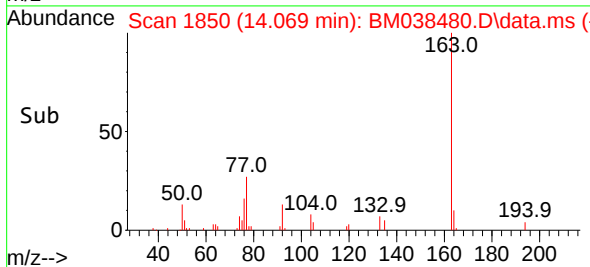
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

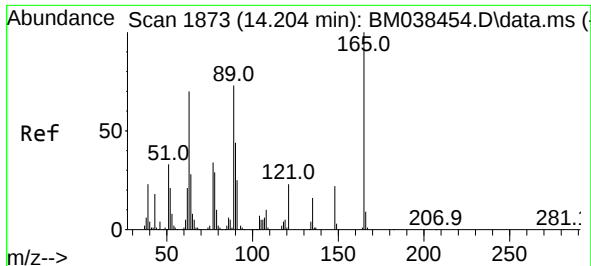


#50
Dimethylphthalate
Concen: 3.112 ng
RT: 14.069 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05



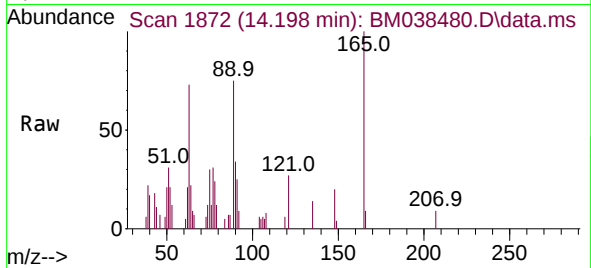
Tgt Ion:163 Resp: 24219
Ion Ratio Lower Upper
163 100
194 3.8 3.6 5.4
164 9.7 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 2.959 ng
RT: 14.198 min Scan# 1872
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

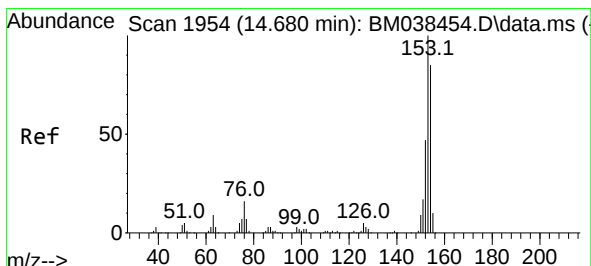
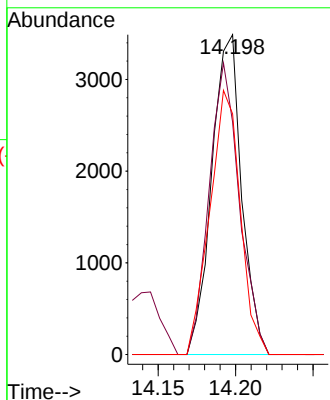
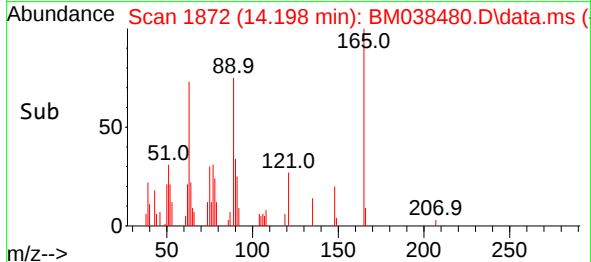
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



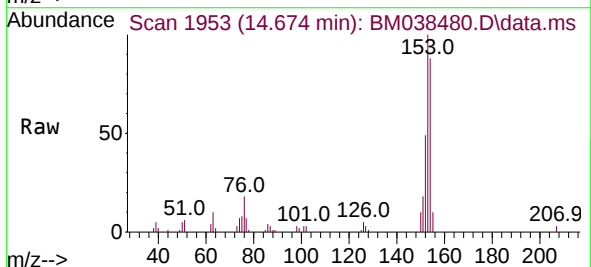
Tgt Ion:165 Resp: 4685
Ion Ratio Lower Upper
165 100
63 72.7 60.9 91.3
89 75.2 58.6 87.8

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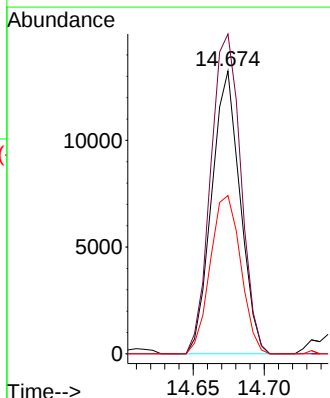
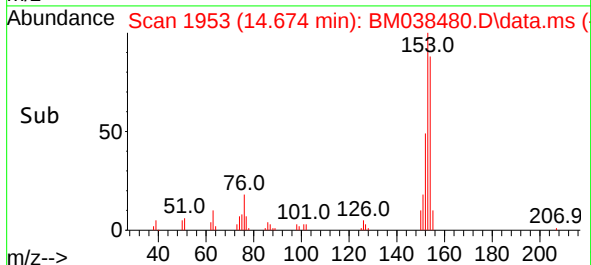
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

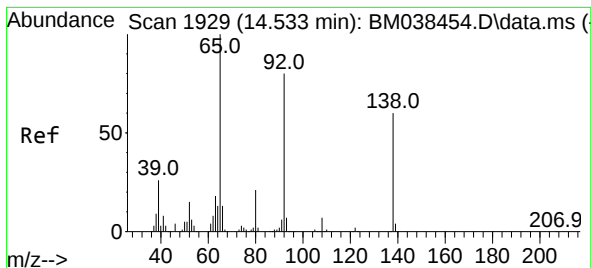


#52
Acenaphthene
Concen: 3.285 ng
RT: 14.674 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05



Tgt Ion:154 Resp: 18455
Ion Ratio Lower Upper
154 100
153 113.1 93.8 140.6
152 56.0 44.2 66.4





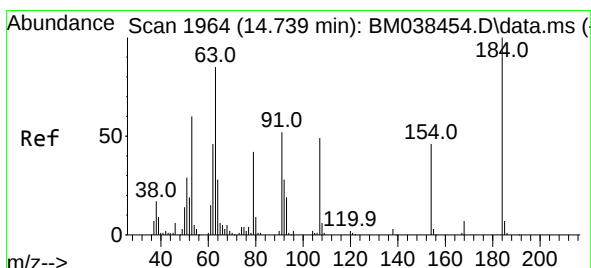
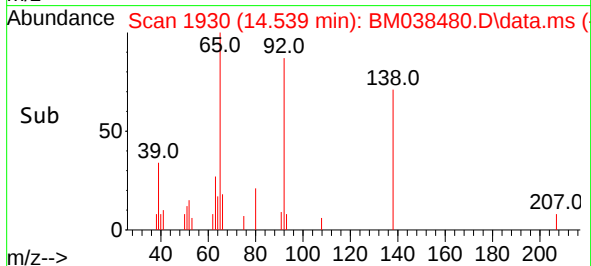
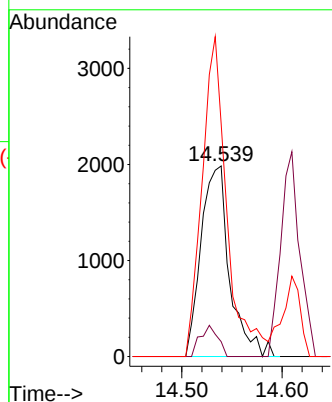
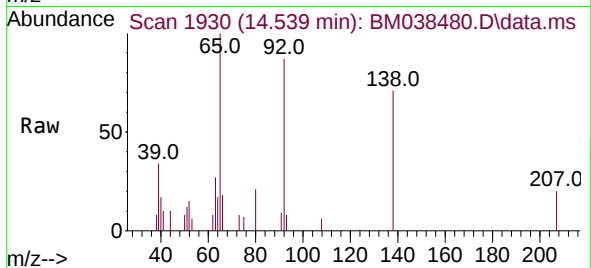
#53
3-Nitroaniline
Concen: 4.771 ng
RT: 14.539 min Scan# 1929
Delta R.T. 0.012 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

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

Tgt Ion:138 Resp: 3913
Ion Ratio Lower Upper
138 100
108 7.9 8.9 13.3#
92 122.2 106.4 159.6

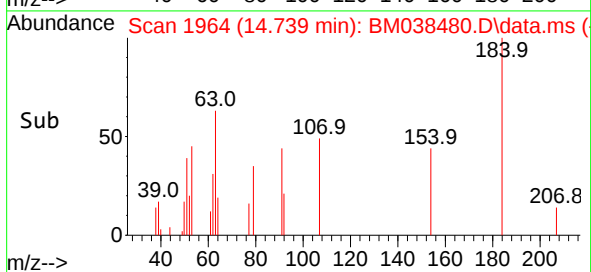
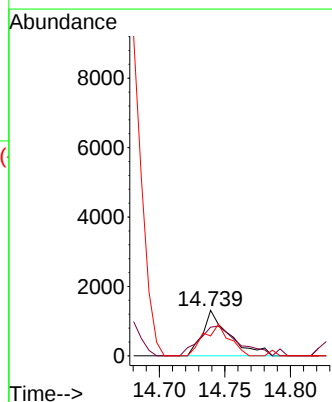
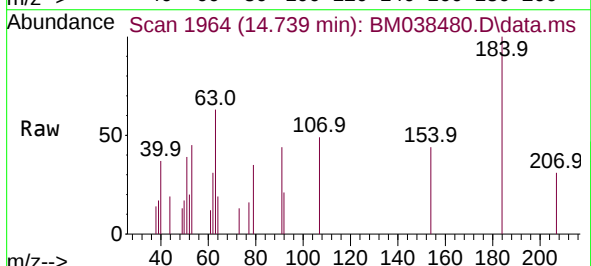
Manual Integrations
APPROVED

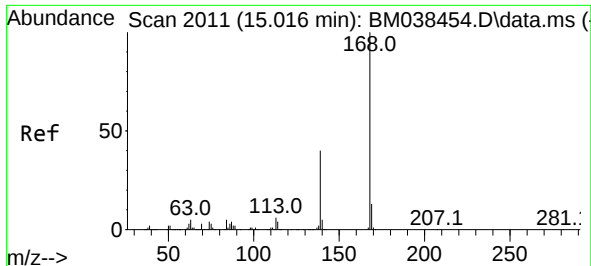
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#54
2,4-Dinitrophenol
Concen: 6.790 ng
RT: 14.739 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

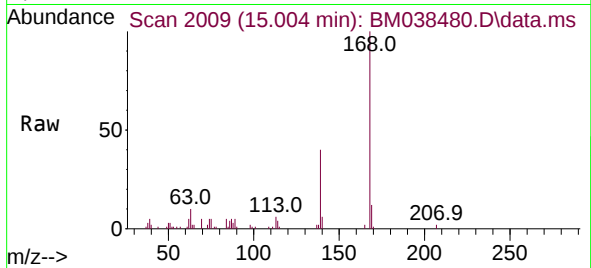
Tgt Ion:184 Resp: 1852
Ion Ratio Lower Upper
184 100
63 62.8 70.0 105.0#
154 43.7 55.6 83.4#





#55
Dibenzenofuran
Concen: 3.348 ng
RT: 15.004 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

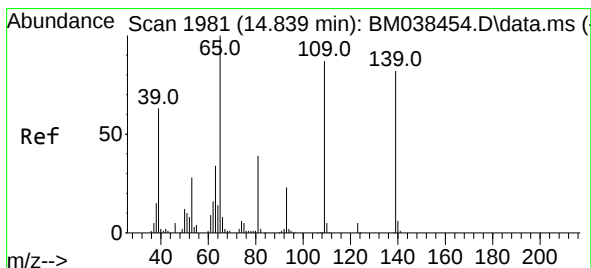
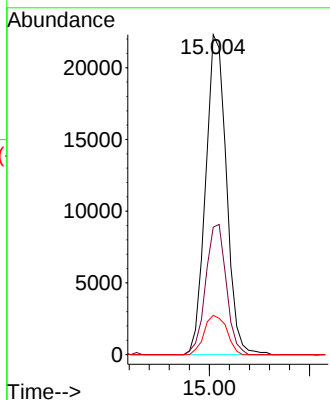
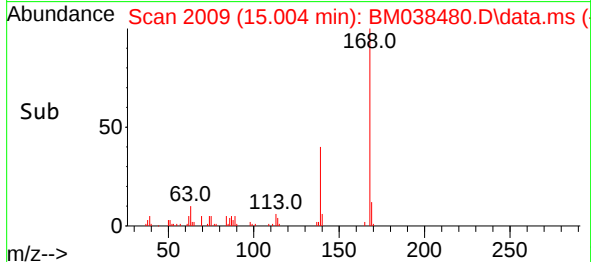
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion:168 Resp: 3202
Ion Ratio Lower Upper
168 100
139 39.8 31.9 47.9
169 12.3 10.5 15.7

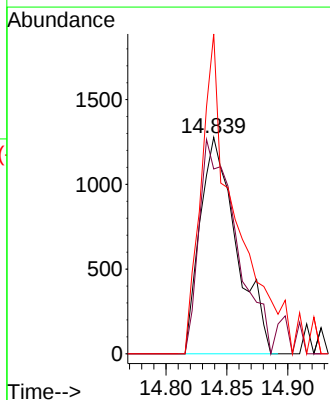
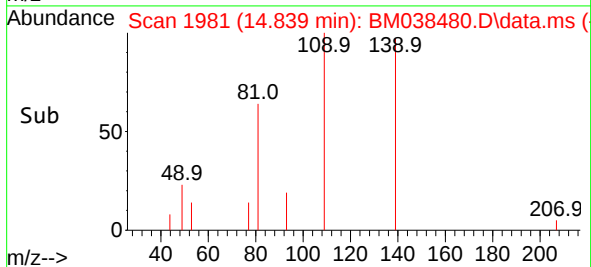
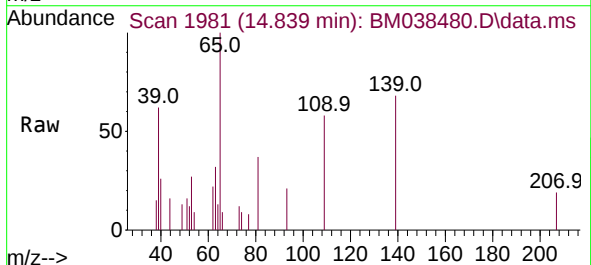
Manual Integrations
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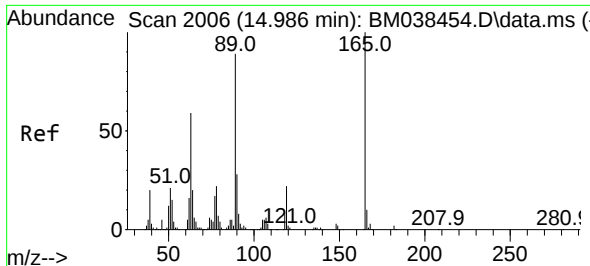
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#56
4-Nitrophenol
Concen: 5.711 ng
RT: 14.839 min Scan# 1981
Delta R.T. 0.012 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

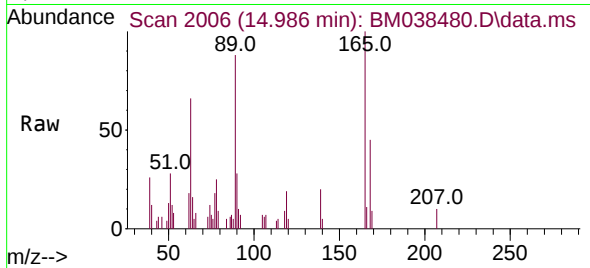
Tgt Ion:139 Resp: 2662
Ion Ratio Lower Upper
139 100
109 85.4 86.0 126.0#
65 147.7 102.7 142.7#





#57
2,4-Dinitrotoluene
Concen: 2.430 ng
RT: 14.986 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

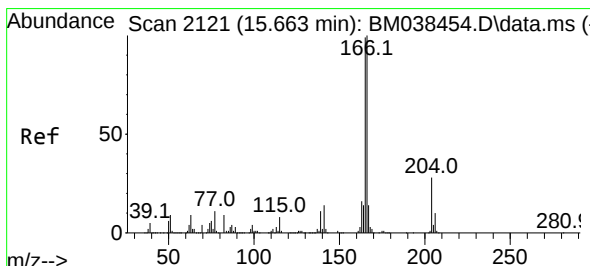
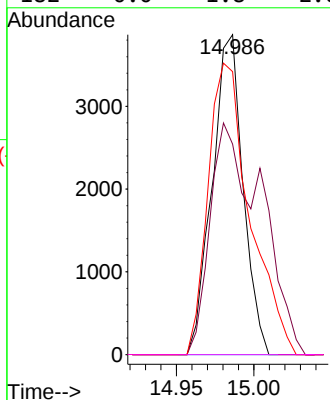
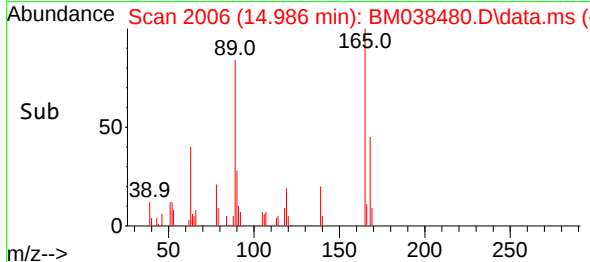
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion:165 Resp: 5348
Ion Ratio Lower Upper
165 100
63 65.8 47.7 71.5
89 88.4 71.5 107.3
182 0.0 1.8 2.6#

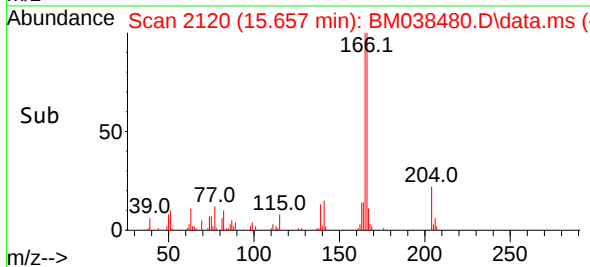
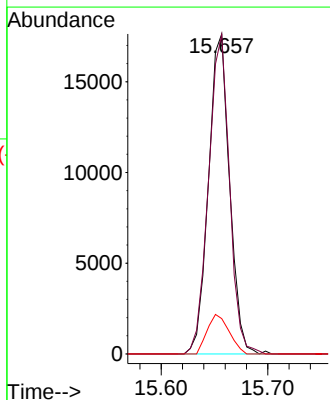
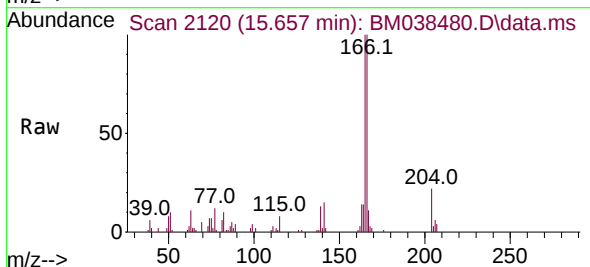
Manual Integrations
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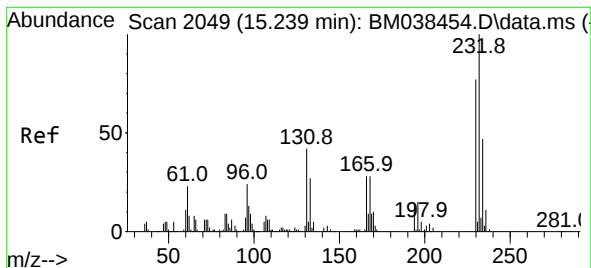
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#58
Fluorene
Concen: 3.039 ng
RT: 15.657 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

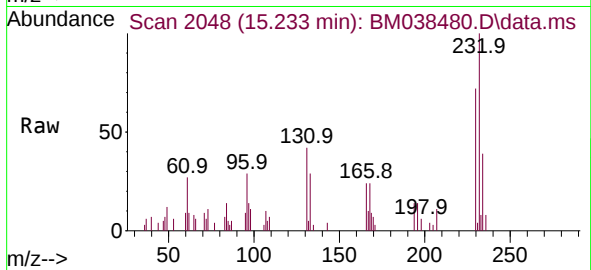
Tgt Ion:166 Resp: 24290
Ion Ratio Lower Upper
166 100
165 99.8 79.2 118.8
167 11.0 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 2.928 ng
RT: 15.233 min Scan# 2049
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

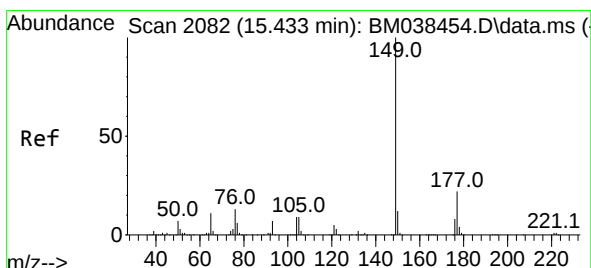
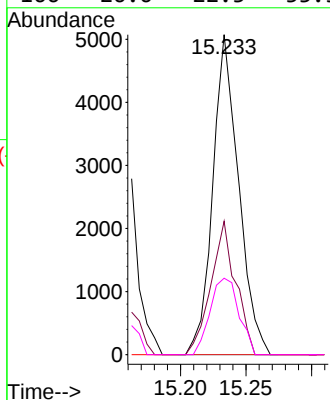
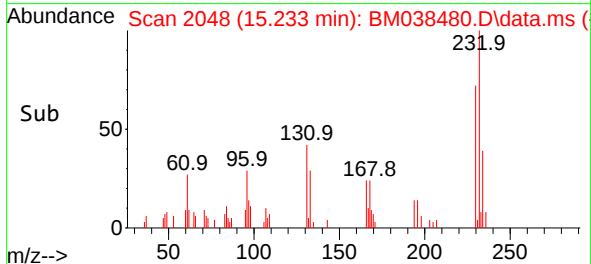
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



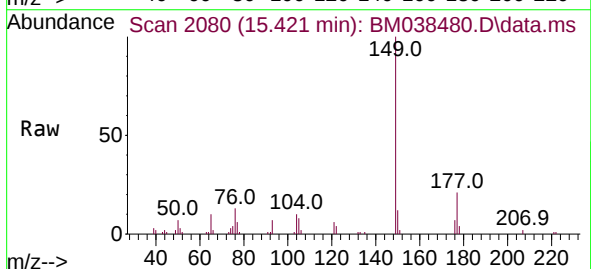
Tgt Ion:232 Resp: 6955
Ion Ratio Lower Upper
232 100
131 40.2 33.8 50.6
130 0.0 1.9 2.9
166 26.6 22.3 33.5

Manual Integrations
APPROVED

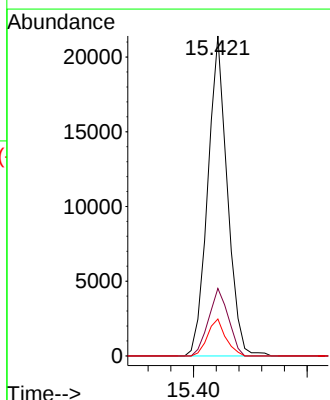
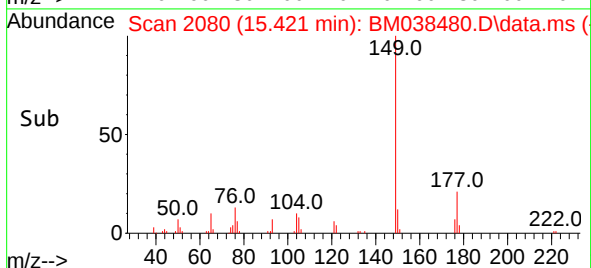
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

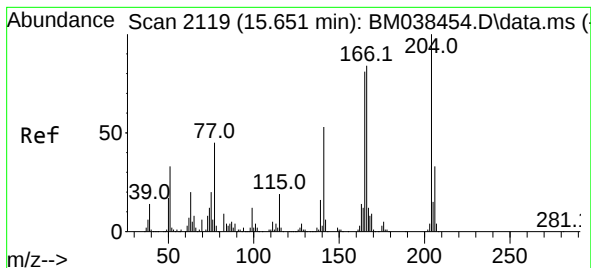


#60
Diethylphthalate
Concen: 3.206 ng
RT: 15.421 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05



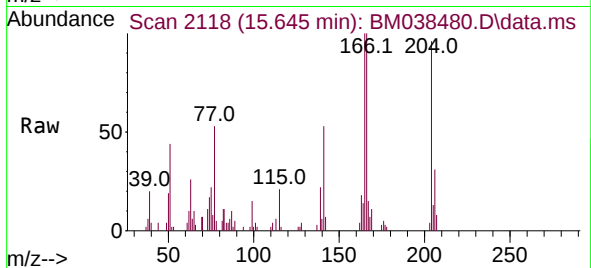
Tgt Ion:149 Resp: 25596
Ion Ratio Lower Upper
149 100
177 21.1 17.8 26.6
150 11.5 9.5 14.3





#61
4-Chlorophenyl-phenylether
Concen: 2.943 ng
RT: 15.645 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

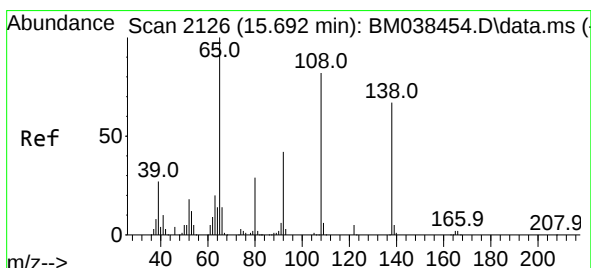
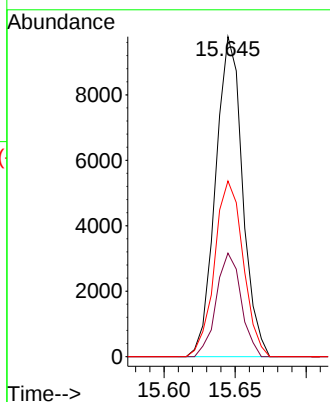
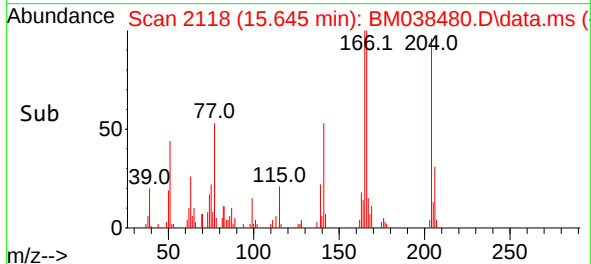
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



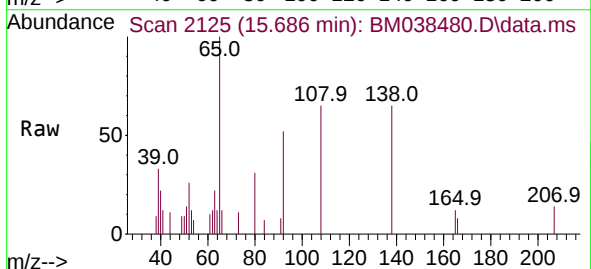
Tgt Ion:204 Resp: 1291
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.4
141 54.9 42.5 63.7

Manual Integrations
APPROVED

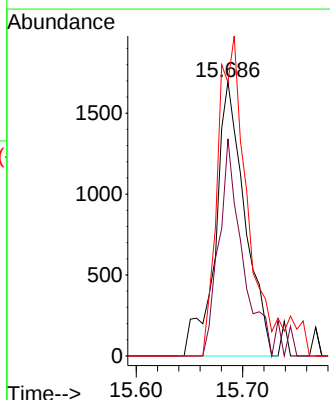
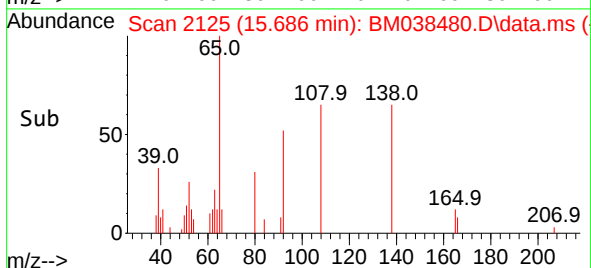
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

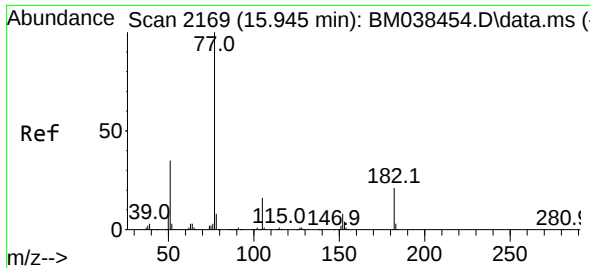


#62
4-Nitroaniline
Concen: 4.572 ng
RT: 15.686 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05



Tgt Ion:138 Resp: 3243
Ion Ratio Lower Upper
138 100
92 79.2 42.1 82.1
108 99.8 102.5 142.5#





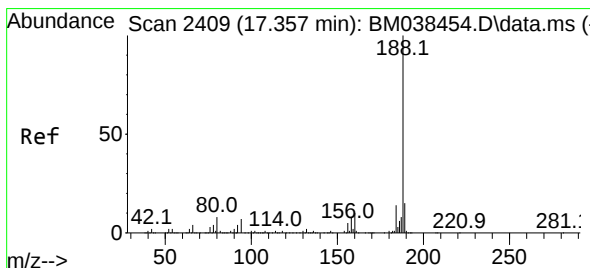
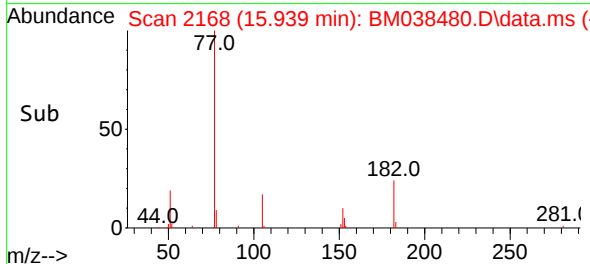
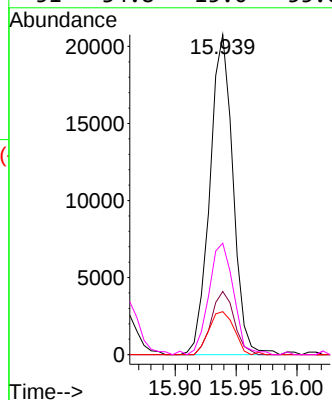
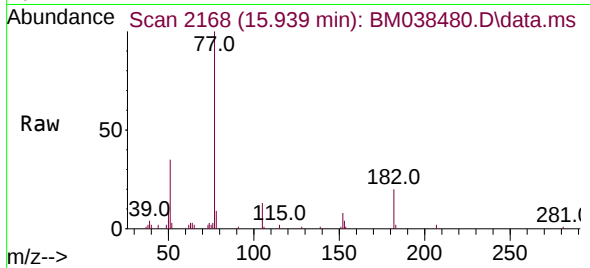
#63
Azobenzene
Concen: 3.127 ng
RT: 15.939 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

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

Tgt Ion: 77	Resp: 27472
Ion Ratio	Lower Upper
77 100	
182 19.7	1.1 41.1
105 13.4	0.0 36.4
51 34.8	15.0 55.0

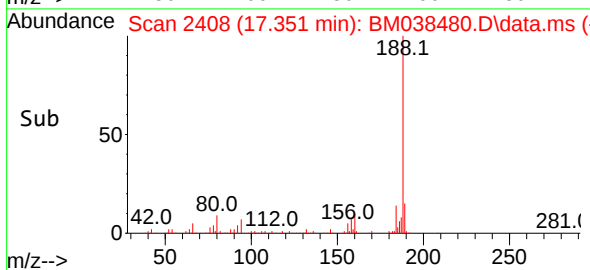
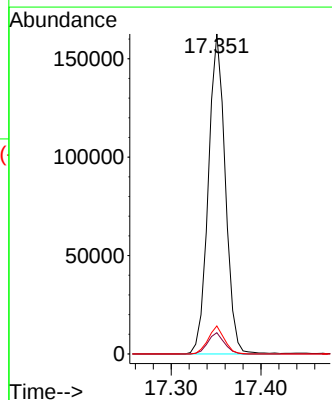
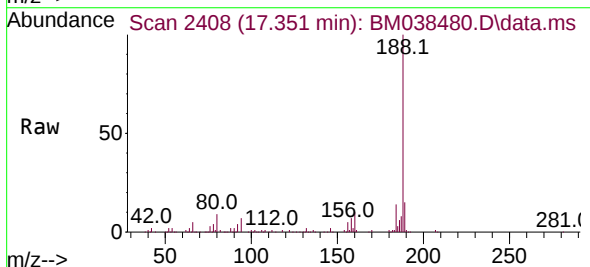
Manual Integrations
APPROVED

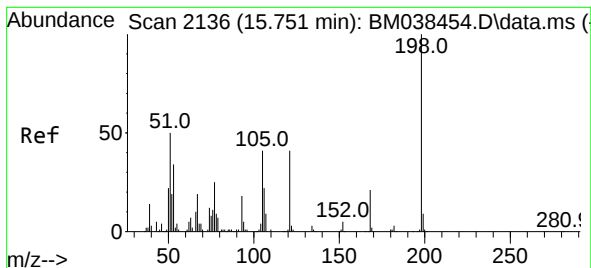
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

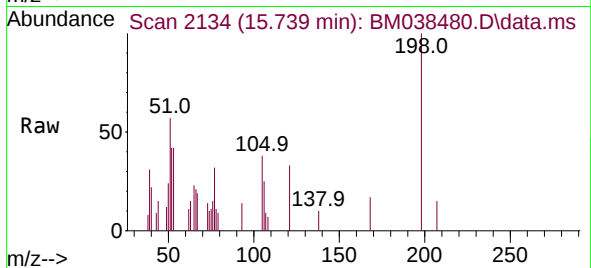
Tgt Ion:188	Resp: 213234
Ion Ratio	Lower Upper
188 100	
94 6.6	5.4 8.0
80 8.7	6.5 9.7





#65
4,6-Dinitro-2-methylphenol
Concen: 2.179 ng
RT: 15.739 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

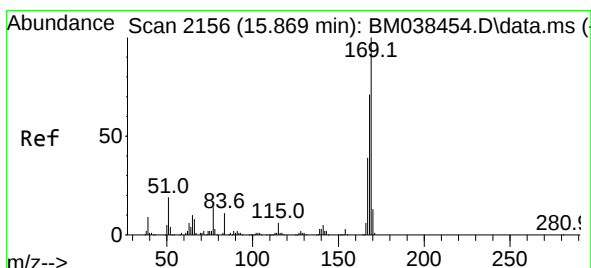
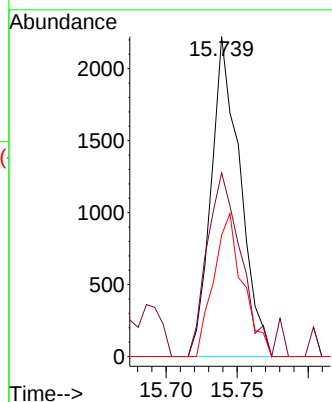
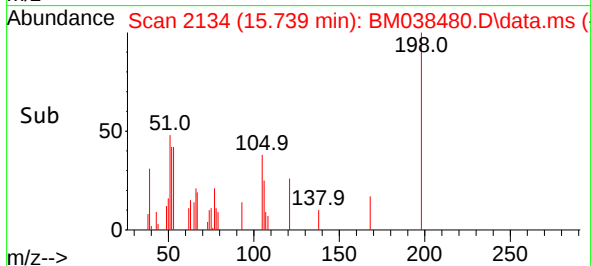
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



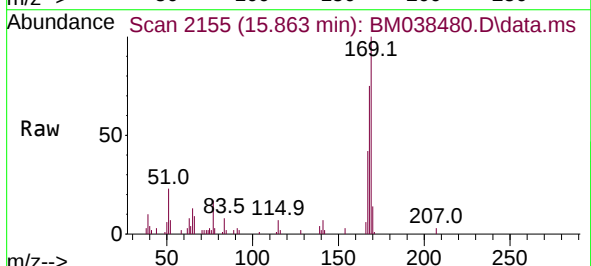
Tgt Ion:198 Resp: 3153
Ion Ratio Lower Upper
198 100
51 57.4 31.6 71.6
105 38.0 21.5 61.5

Manual Integrations
APPROVED

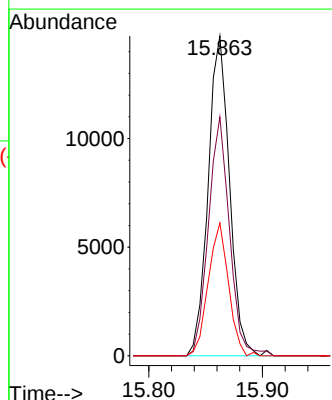
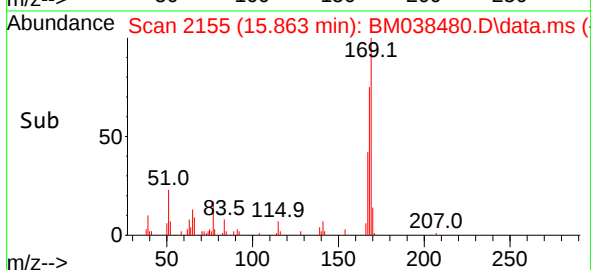
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

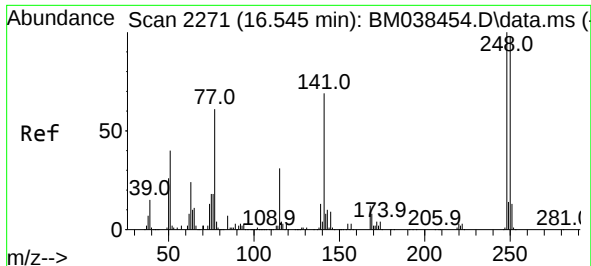


#66
n-Nitrosodiphenylamine
Concen: 3.087 ng
RT: 15.863 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05



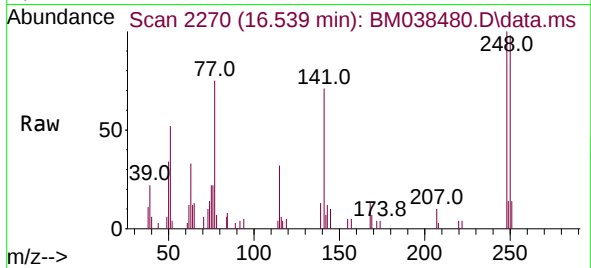
Tgt Ion:169 Resp: 19317
Ion Ratio Lower Upper
169 100
168 74.7 56.6 85.0
167 41.5 31.1 46.7





#67
4-Bromophenyl-phenylether
Concen: 3.275 ng
RT: 16.539 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

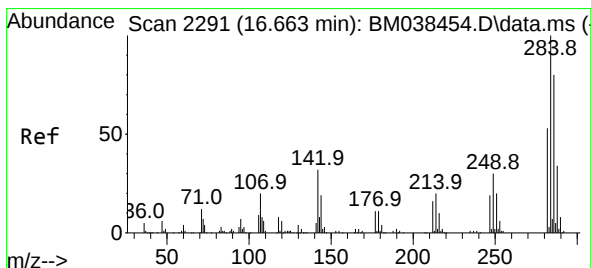
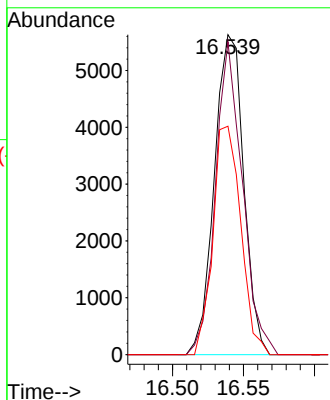
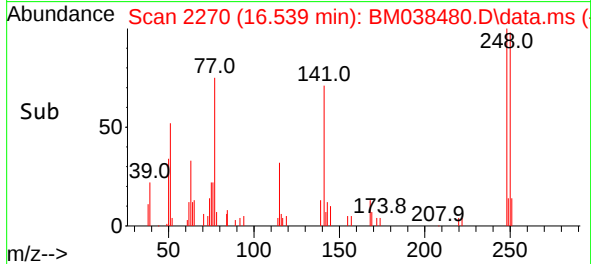
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



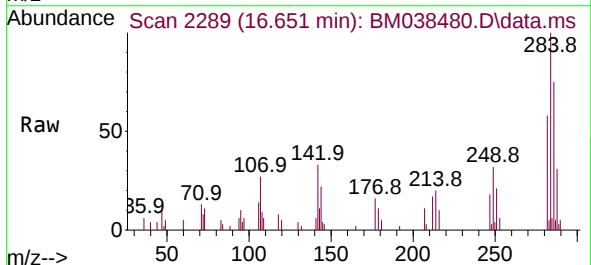
Tgt Ion:248 Resp: 8079
Ion Ratio Lower Upper
248 100
250 97.7 78.3 117.5
141 71.4 55.1 82.7

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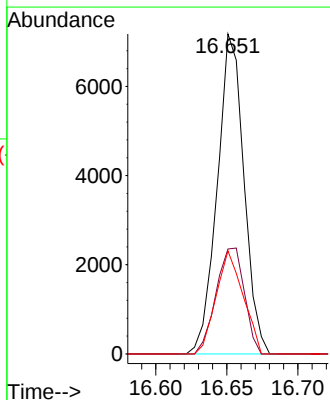
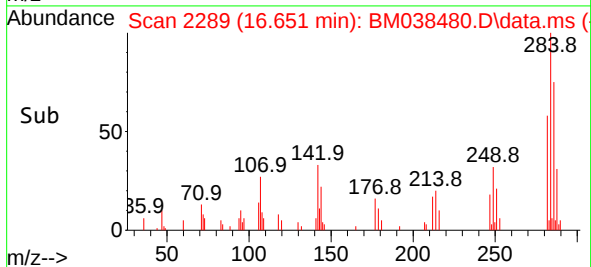
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

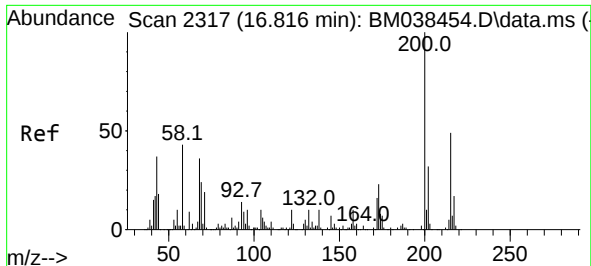


#68
Hexachlorobenzene
Concen: 3.389 ng
RT: 16.651 min Scan# 2289
Delta R.T. -0.006 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05



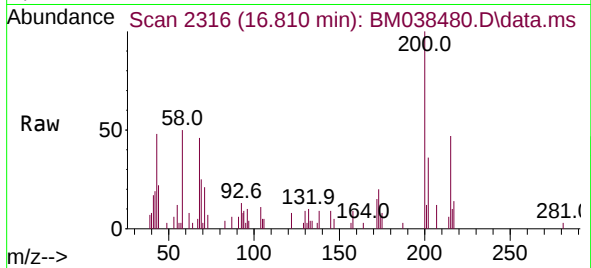
Tgt Ion:284 Resp: 9361
Ion Ratio Lower Upper
284 100
142 32.8 26.0 39.0
249 32.2 23.8 35.8





#69
 Atrazine
 Concen: 3.230 ng
 RT: 16.810 min Scan# 2317
 Delta R.T. 0.000 min
 Lab File: BM038480.D
 Acq: 18 Jan 2023 15:05

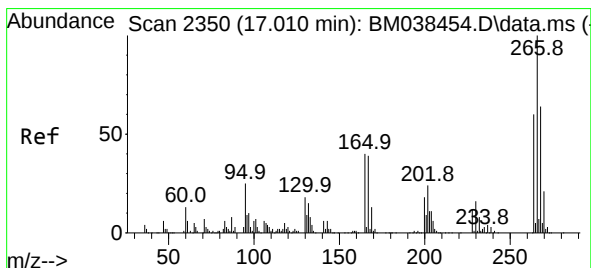
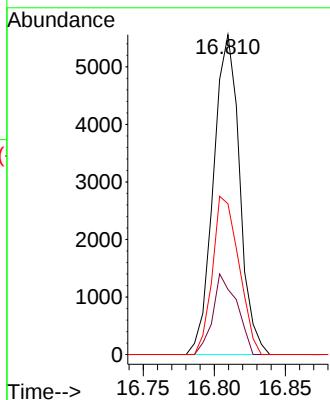
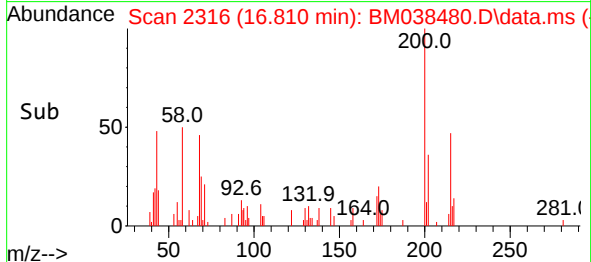
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2022



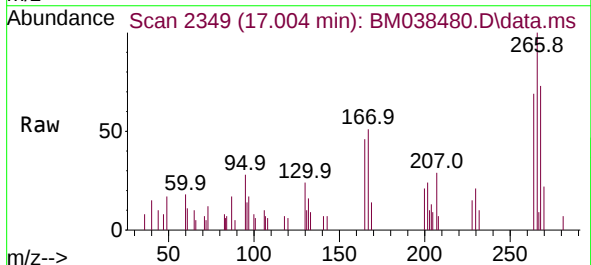
Tgt Ion:200 Resp: 7146
 Ion Ratio Lower Upper
 200 100
 173 20.4 3.4 43.4
 215 47.1 29.3 69.3

Manual Integrations
 APPROVED

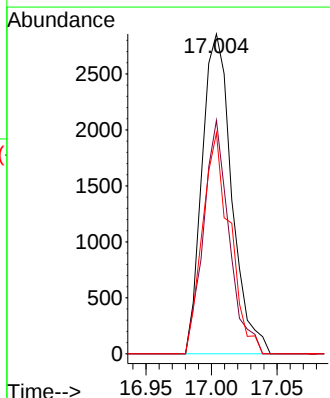
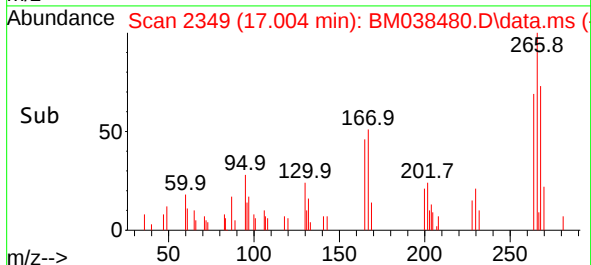
Reviewed By :Christian Giraldo 01/19/2023
 Supervised By :Jagrut Upadhyay 01/19/2023

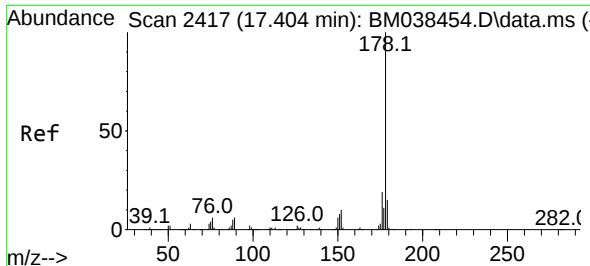


#70
 Pentachlorophenol
 Concen: 2.230 ng
 RT: 17.004 min Scan# 2349
 Delta R.T. 0.006 min
 Lab File: BM038480.D
 Acq: 18 Jan 2023 15:05



Tgt Ion:266 Resp: 4497
 Ion Ratio Lower Upper
 266 100
 268 73.0 51.4 77.0
 264 69.0 48.2 72.2





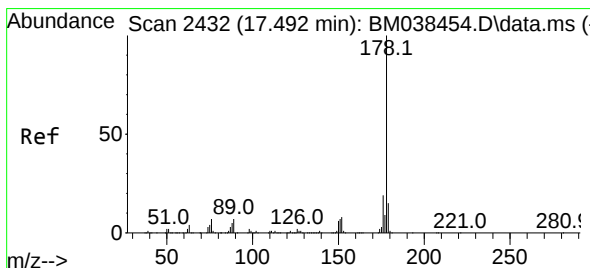
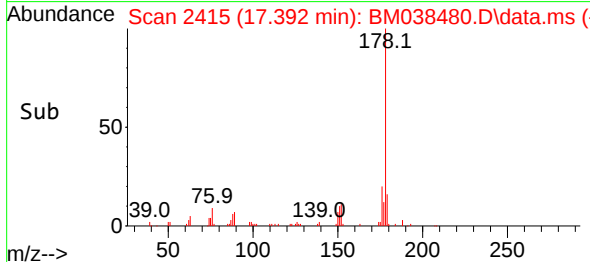
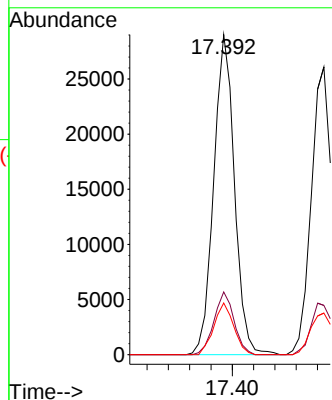
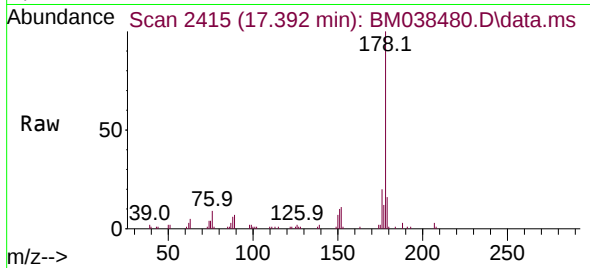
#71
Phenanthrene
Concen: 3.331 ng
RT: 17.392 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

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

Tgt Ion:178 Resp: 39299
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 16.1 12.1 18.1

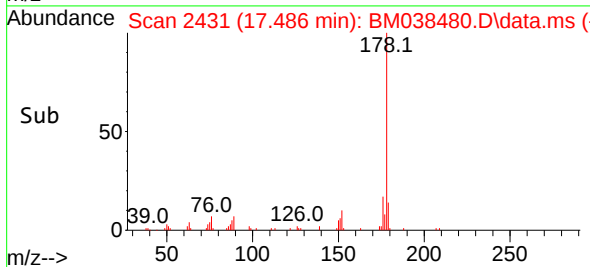
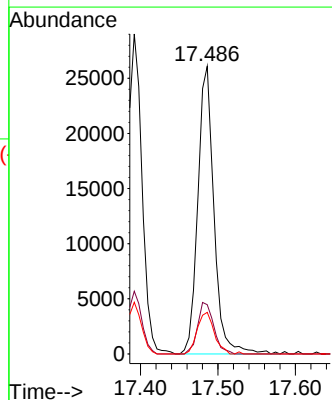
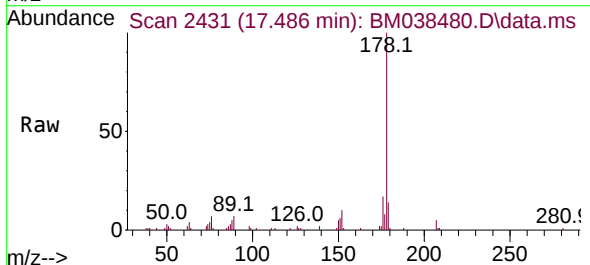
Manual Integrations
APPROVED

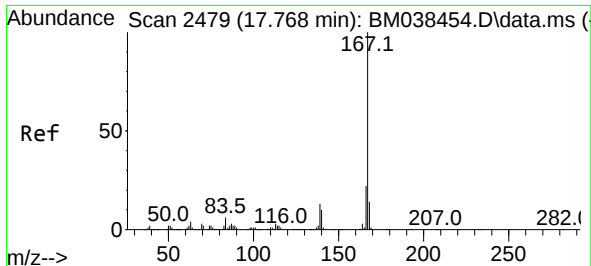
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#72
Anthracene
Concen: 3.114 ng
RT: 17.486 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

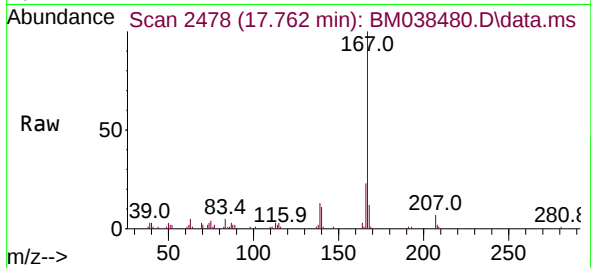
Tgt Ion:178 Resp: 37751
Ion Ratio Lower Upper
178 100
176 17.1 15.0 22.6
179 14.4 12.2 18.2





#73
 Carbazole
 Concen: 2.995 ng
 RT: 17.762 min Scan# 2479
 Delta R.T. 0.006 min
 Lab File: BM038480.D
 Acq: 18 Jan 2023 15:05

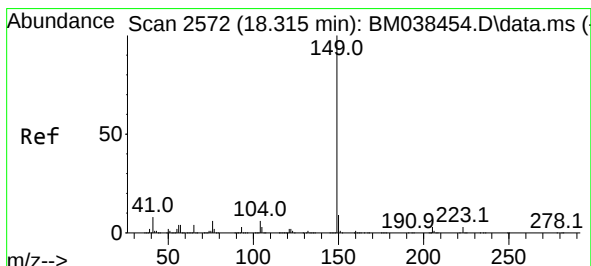
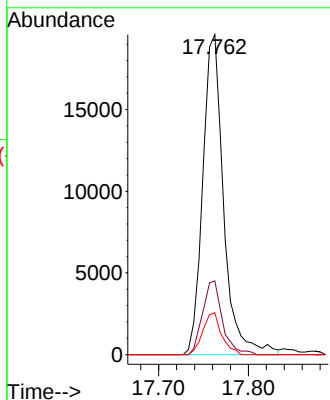
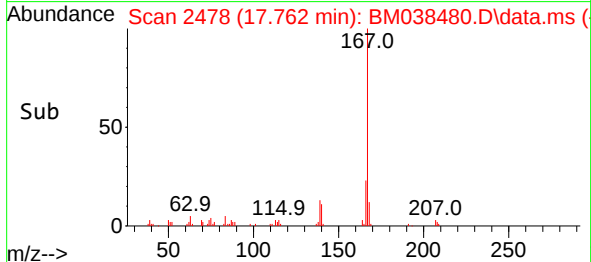
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2022



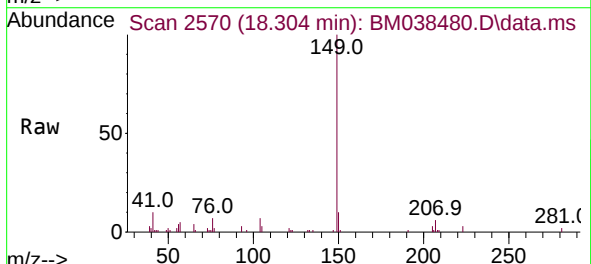
Tgt Ion:167 Resp: 31758
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.4 26.0
 139 13.1 10.1 15.1

Manual Integrations
 APPROVED

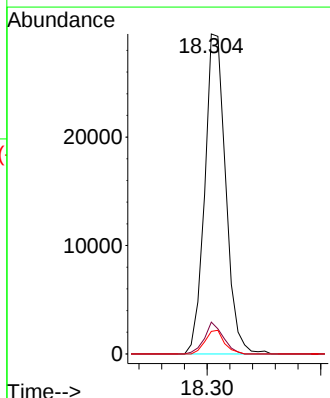
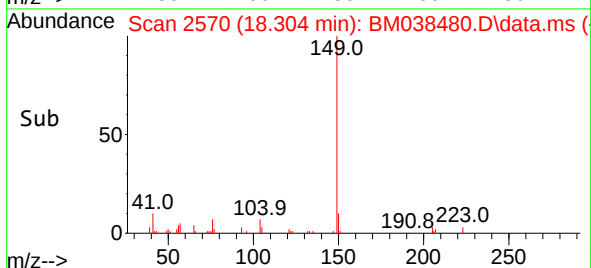
Reviewed By :Christian Giraldo 01/19/2023
 Supervised By :Jagrut Upadhyay 01/19/2023

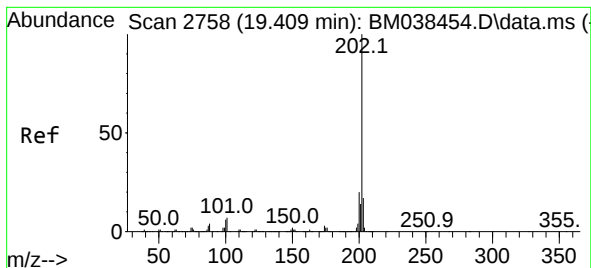


#74
 Di-n-butylphthalate
 Concen: 3.000 ng
 RT: 18.304 min Scan# 2570
 Delta R.T. -0.006 min
 Lab File: BM038480.D
 Acq: 18 Jan 2023 15:05



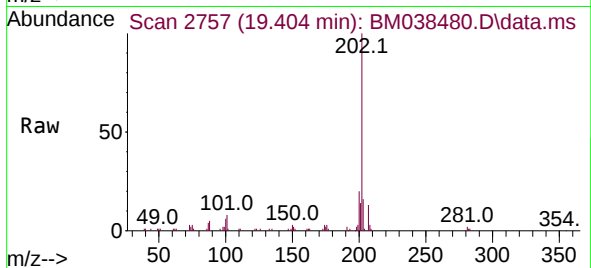
Tgt Ion:149 Resp: 37772
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.4 11.2
 104 7.0 4.7 7.1





#75
Fluoranthene
Concen: 2.977 ng
RT: 19.404 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

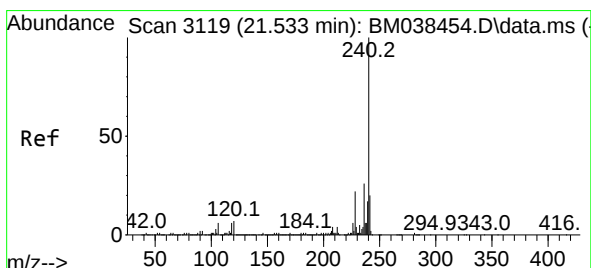
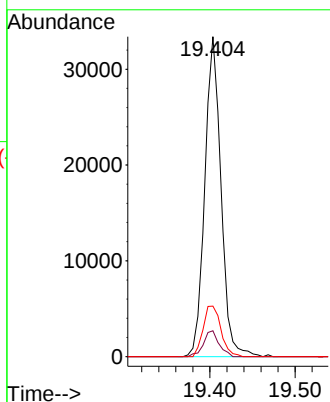
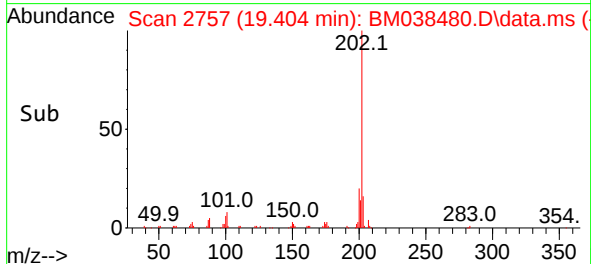
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



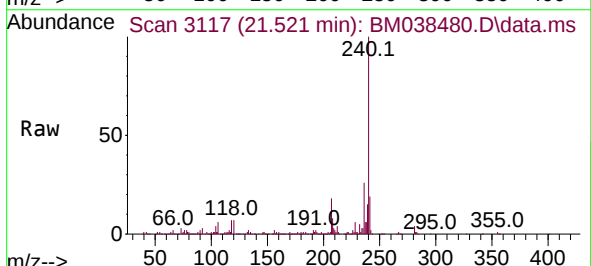
Tgt Ion:202 Resp: 4414
Ion Ratio Lower Upper
202 100
101 9.5 0.0 27.4
203 15.8 0.0 37.1

Manual Integrations
APPROVED

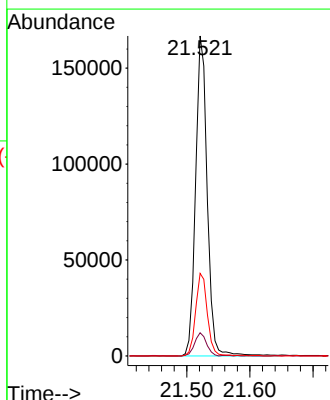
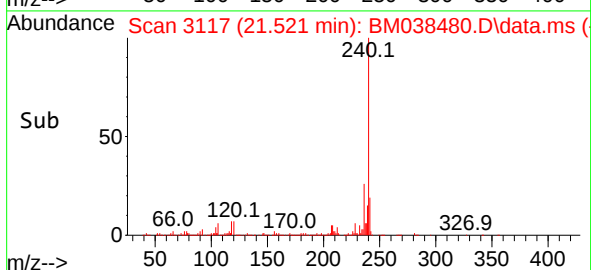
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

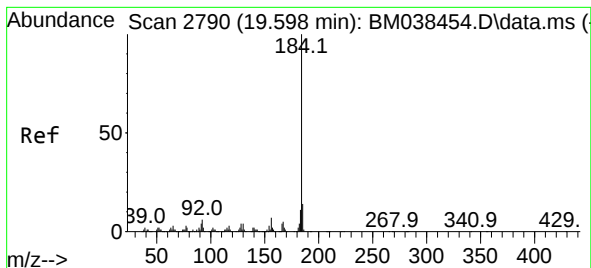


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.521 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05



Tgt Ion:240 Resp: 213431
Ion Ratio Lower Upper
240 100
120 7.2 5.6 8.4
236 25.8 21.0 31.4





#77

Benzidine

Concen: 3.015 ng

RT: 19.592 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

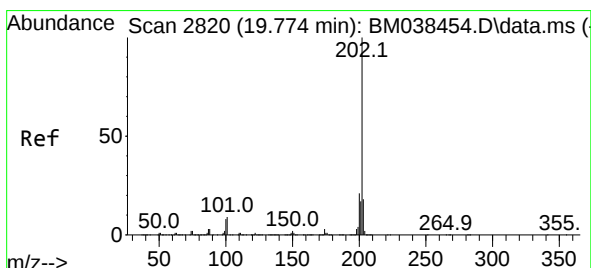
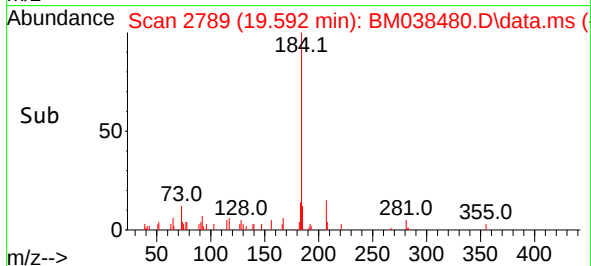
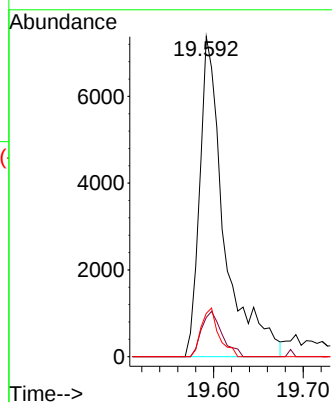
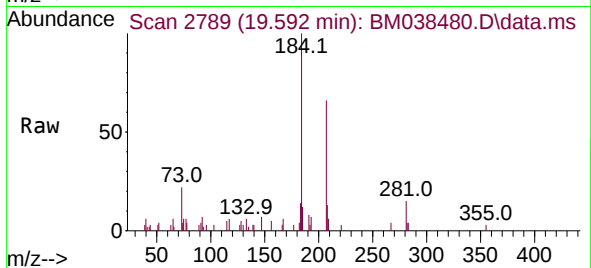
Tgt Ion:184	Resp:	14099
Ion Ratio	Lower	Upper
184	100	
185	12.2	11.1 16.7
183	13.5	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/19/2023

Supervised By :Jagrut Upadhyay 01/19/2023



#78

Pyrene

Concen: 3.253 ng

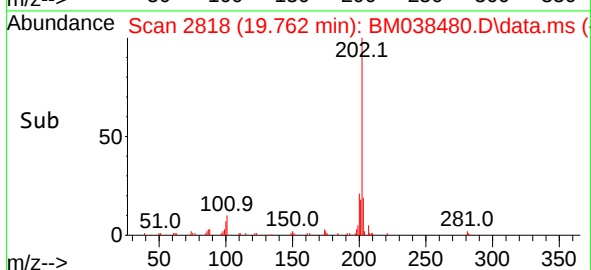
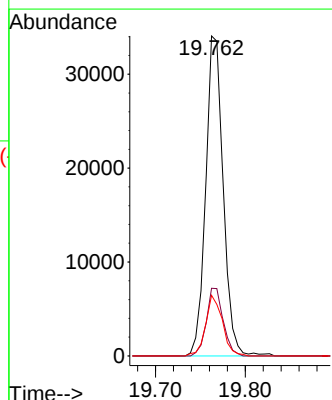
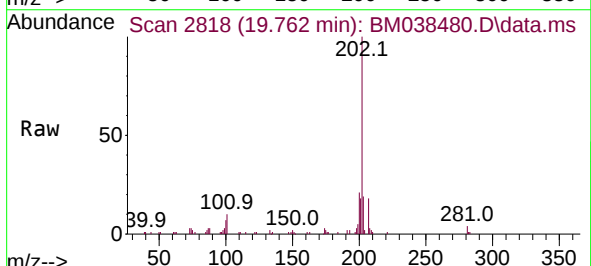
RT: 19.762 min Scan# 2818

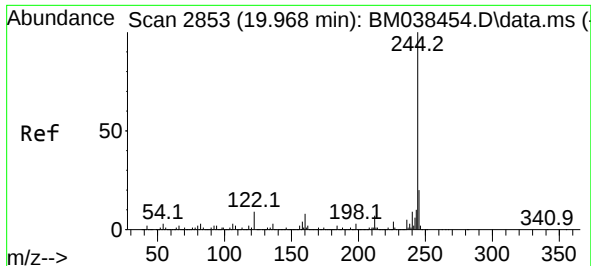
Delta R.T. -0.006 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

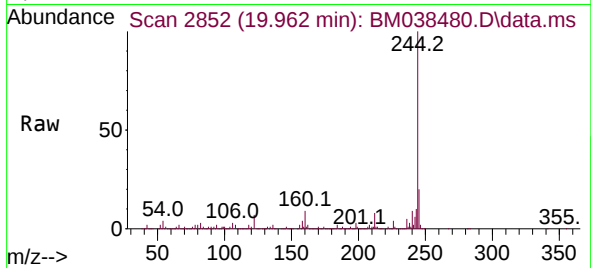
Tgt Ion:202	Resp:	46210
Ion Ratio	Lower	Upper
202	100	
200	21.1	16.9 25.3
203	18.9	14.2 21.2





#79
 Terphenyl-d14
 Concen: 85.550 ng
 RT: 19.962 min Scan# 2852
 Delta R.T. 0.000 min
 Lab File: BM038480.D
 Acq: 18 Jan 2023 15:05

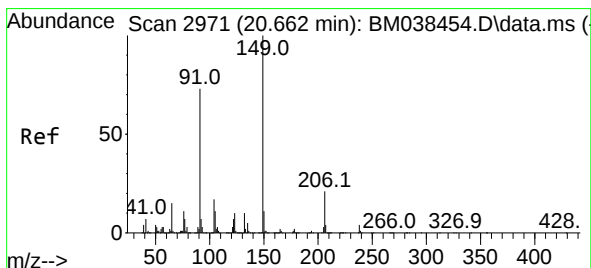
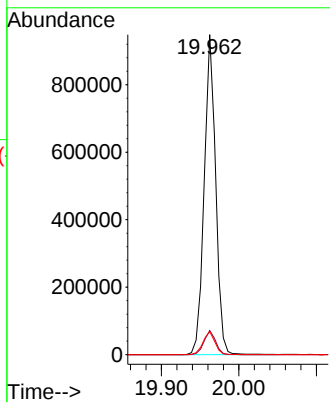
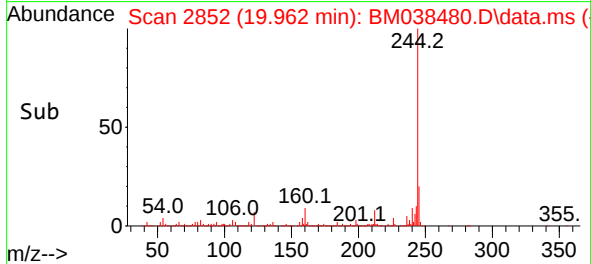
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2022



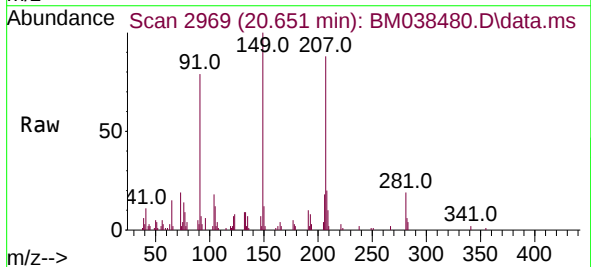
Tgt Ion:244 Resp: 975358
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 7.2 7.1 10.7

Manual Integrations
 APPROVED

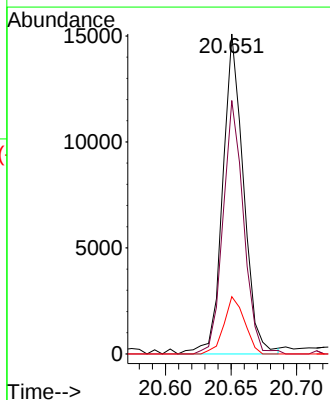
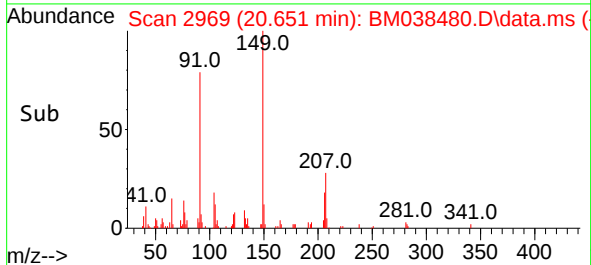
Reviewed By :Christian Giraldo 01/19/2023
 Supervised By :Jagrut Upadhyay 01/19/2023

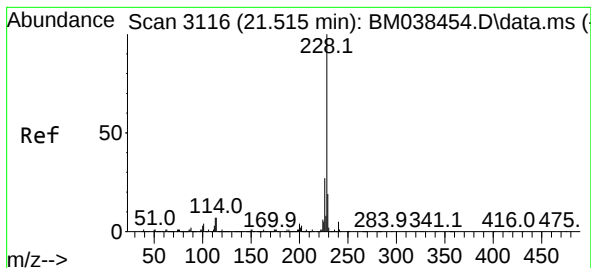


#80
 Butylbenzylphthalate
 Concen: 3.211 ng
 RT: 20.651 min Scan# 2969
 Delta R.T. -0.006 min
 Lab File: BM038480.D
 Acq: 18 Jan 2023 15:05



Tgt Ion:149 Resp: 16670
 Ion Ratio Lower Upper
 149 100
 91 79.2 58.3 87.5
 206 17.9 16.7 25.1





#81

Benzo(a)anthracene

Concen: 3.277 ng

RT: 21.509 min Scan# 3116

Delta R.T. 0.000 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

Instrument :

BNA_M

ClientSampleId :

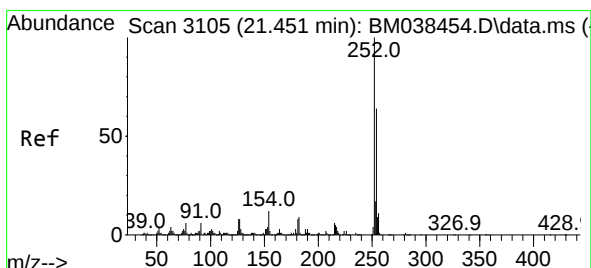
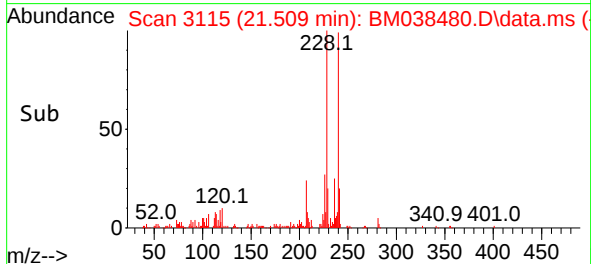
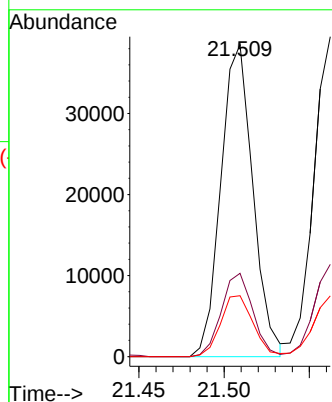
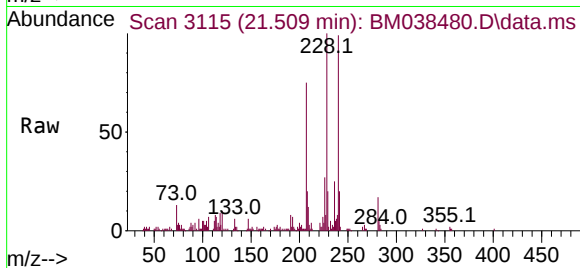
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:	228	Resp:	50310
Ion Ratio	Lower	Upper	
228	100		
226	26.7	22.0	33.0
229	19.5	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: 3.477 ng

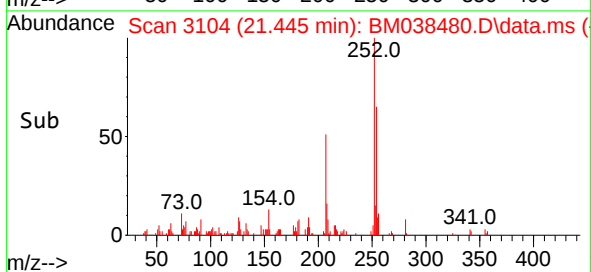
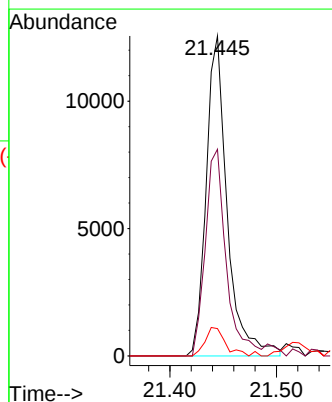
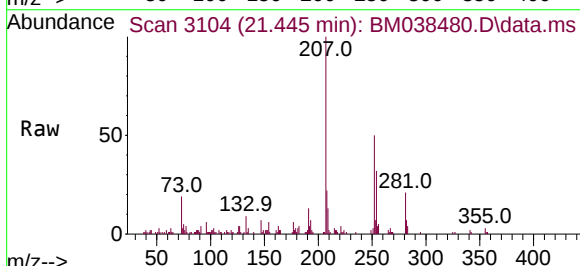
RT: 21.445 min Scan# 3104

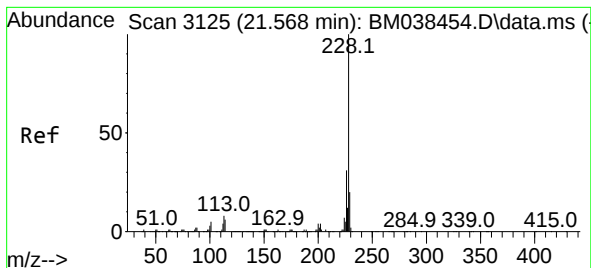
Delta R.T. 0.000 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

Tgt Ion:	252	Resp:	17185
Ion Ratio	Lower	Upper	
252	100		
254	64.6	51.2	76.8
126	8.5	6.3	9.5





#83

Chrysene

Concen: 3.442 ng

RT: 21.562 min Scan# 3125

Delta R.T. 0.000 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

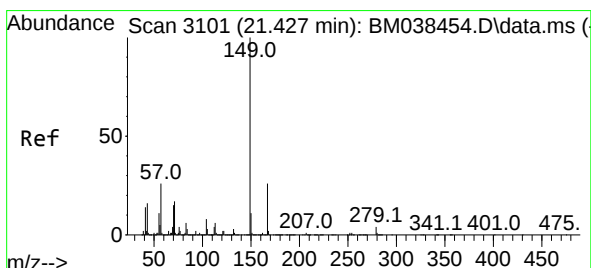
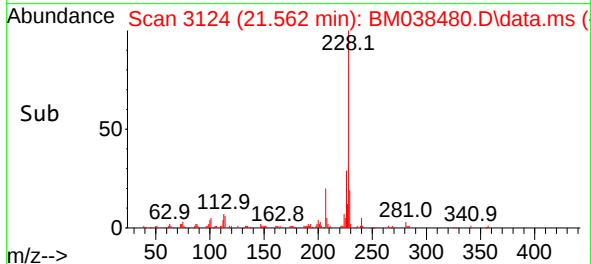
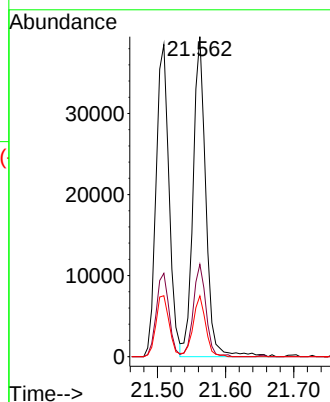
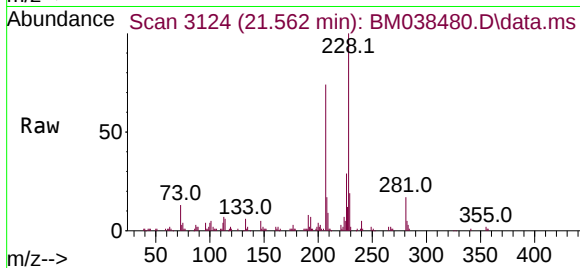
Tgt Ion:	228	Resp:	51339
Ion Ratio	Lower	Upper	
228	100		
226	28.8	24.6	36.8
229	19.0	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/19/2023

Supervised By :Jagrut Upadhyay 01/19/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.067 ng

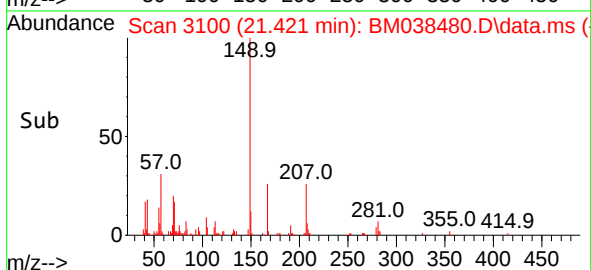
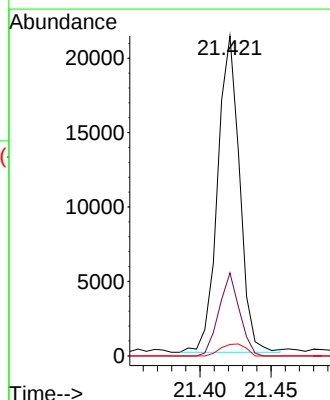
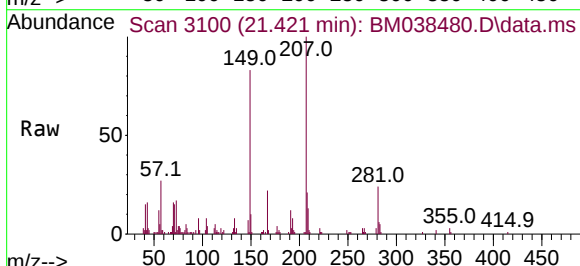
RT: 21.421 min Scan# 3100

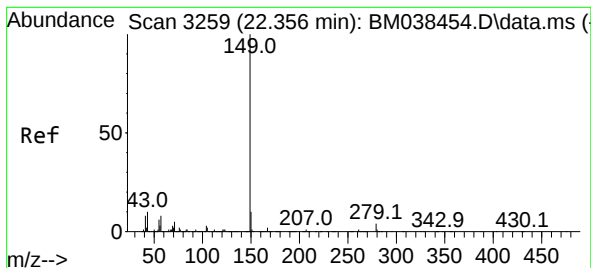
Delta R.T. 0.000 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

Tgt Ion:	149	Resp:	22889
Ion Ratio	Lower	Upper	
149	100		
167	25.9	21.0	31.4
279	3.6	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 3.149 ng

RT: 22.345 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

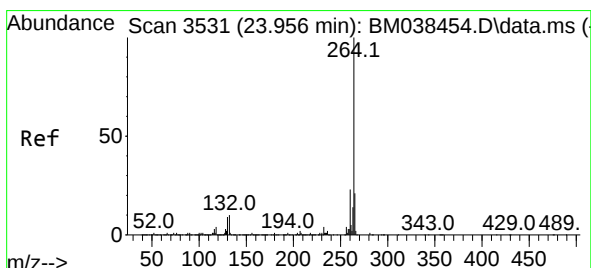
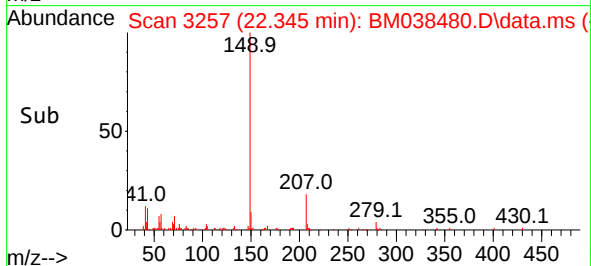
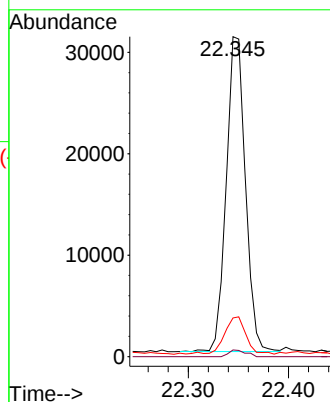
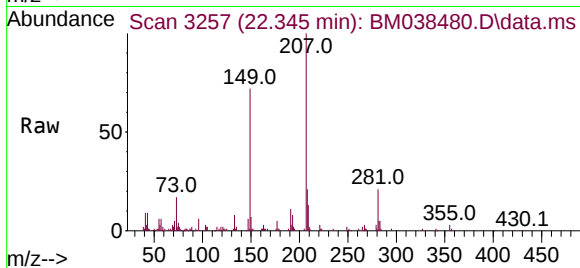
Tgt Ion:	149	Resp:	41348
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.3	1.9
43	13.4	8.4	12.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/19/2023

Supervised By :Jagrut Upadhyay 01/19/2023



#86

Perylene-d12

Concen: 20.000 ng

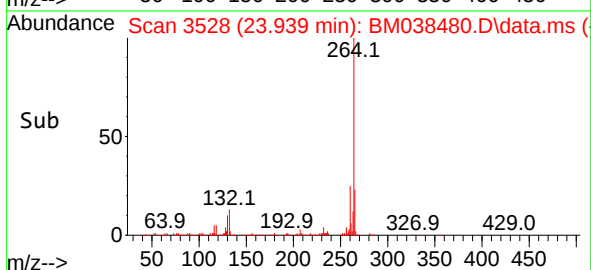
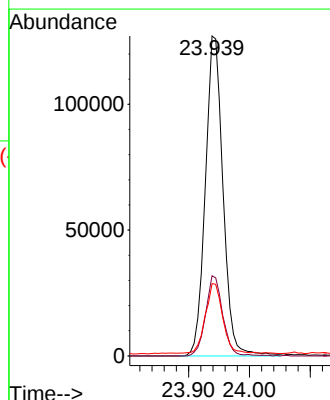
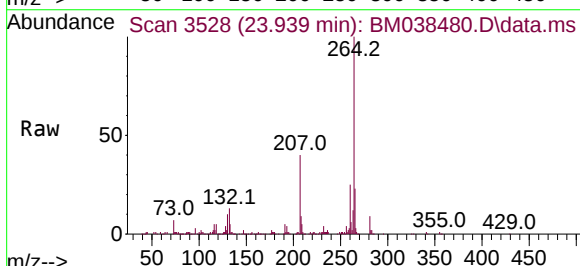
RT: 23.939 min Scan# 3528

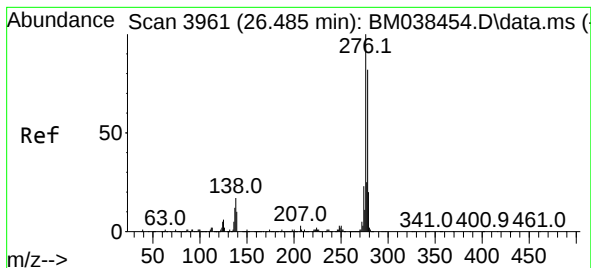
Delta R.T. 0.000 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

Tgt Ion:	264	Resp:	256301
Ion Ratio	Lower	Upper	
264	100		
260	25.0	18.2	27.4
265	22.6	17.2	25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.196 ng

RT: 26.462 min Scan# 3957

Delta R.T. -0.006 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

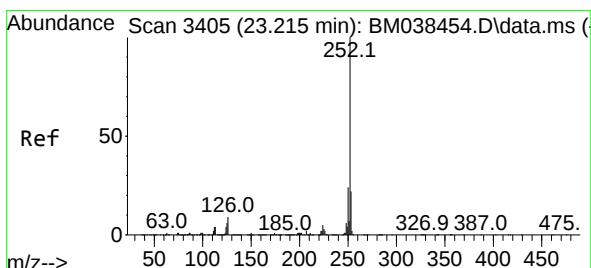
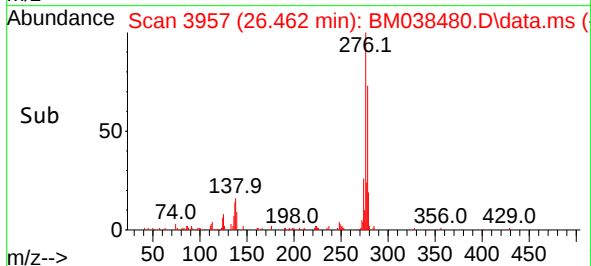
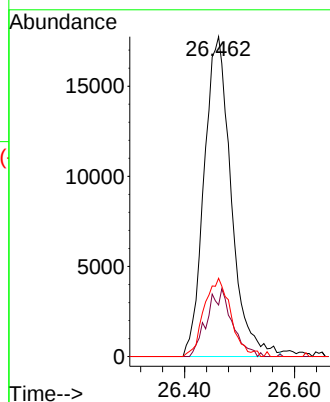
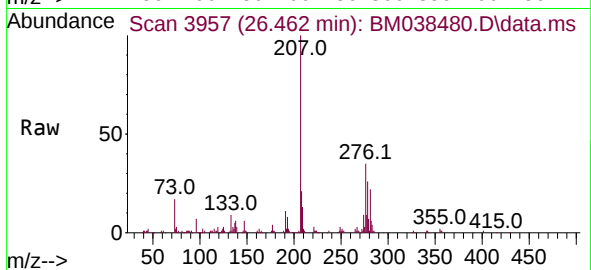
Tgt Ion:	276	Resp:	60628
Ion Ratio	Lower	Upper	
276	100		
138	19.7	13.4	20.2
277	24.3	19.8	29.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/19/2023

Supervised By :Jagrut Upadhyay 01/19/2023



#88

Benzo(b)fluoranthene

Concen: 3.391 ng

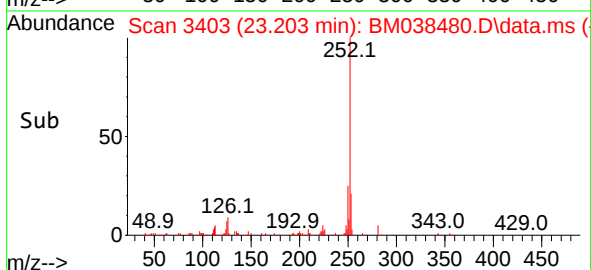
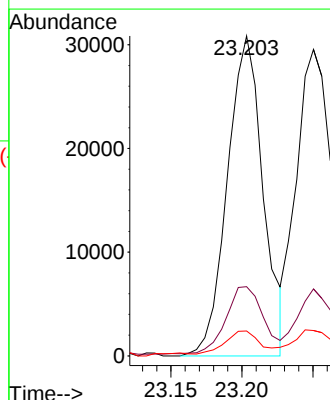
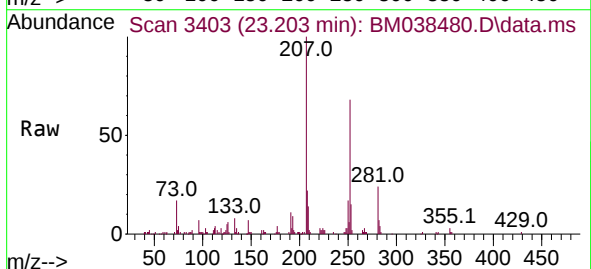
RT: 23.203 min Scan# 3403

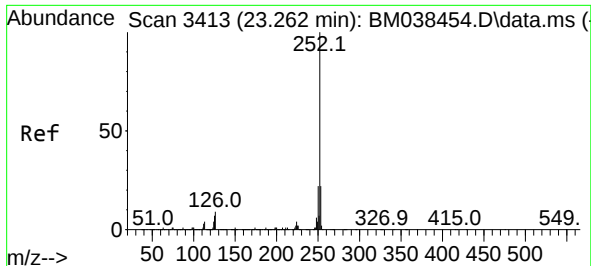
Delta R.T. 0.000 min

Lab File: BM038480.D

Acq: 18 Jan 2023 15:05

Tgt Ion:	252	Resp:	53885
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.8	26.6
125	7.8	5.1	7.7#





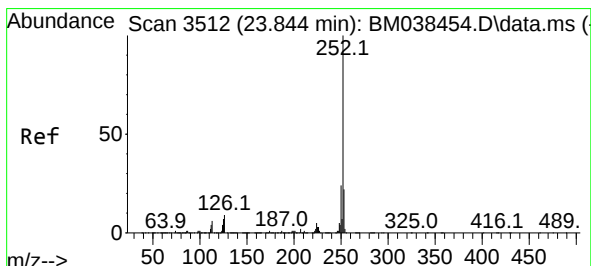
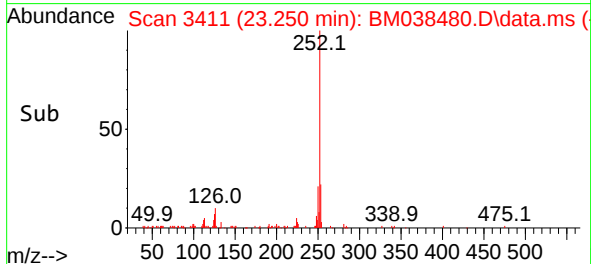
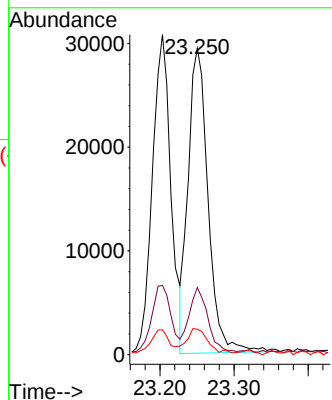
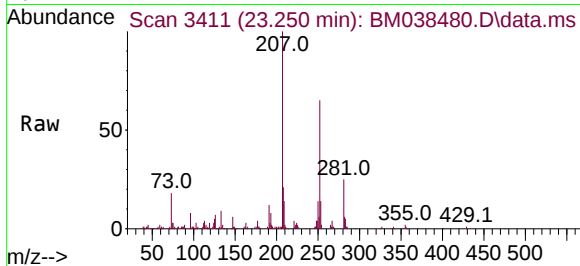
#89
Benzo(k)fluoranthene
Concen: 3.357 ng
RT: 23.250 min Scan# 3413
Delta R.T. -0.006 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

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

Tgt Ion:252 Resp: 55163
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 8.3 5.5 8.3

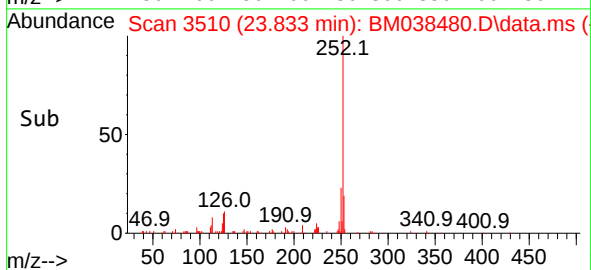
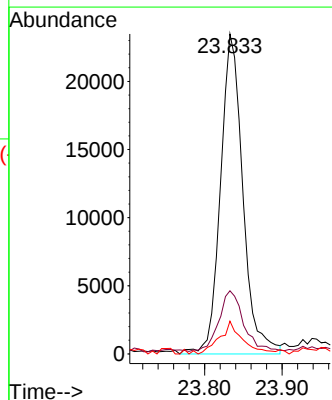
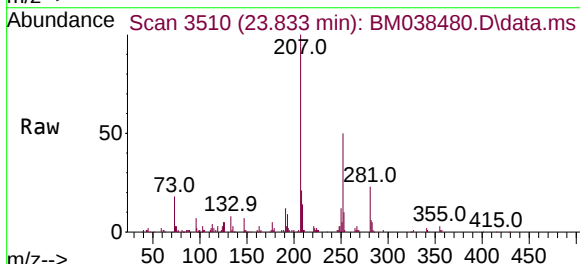
Manual Integrations
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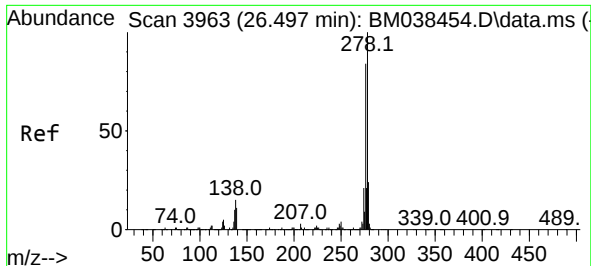
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#90
Benzo(a)pyrene
Concen: 3.026 ng
RT: 23.833 min Scan# 3510
Delta R.T. -0.006 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

Tgt Ion:252 Resp: 47188
Ion Ratio Lower Upper
252 100
253 19.7 17.6 26.4
125 10.2 5.8 8.8#





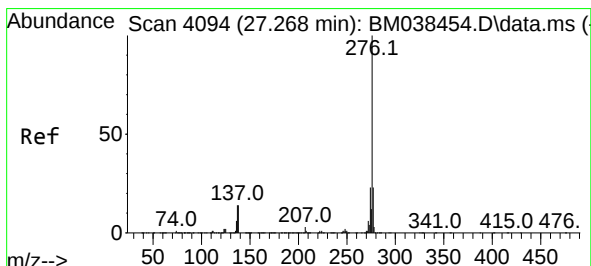
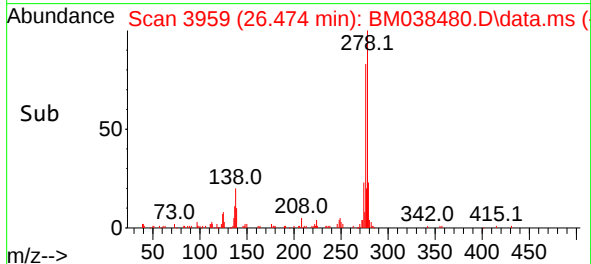
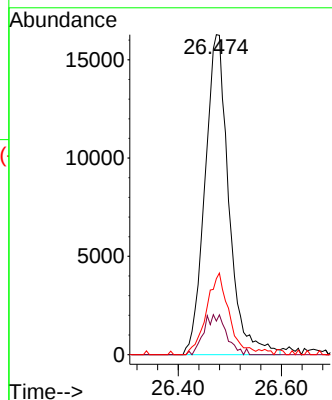
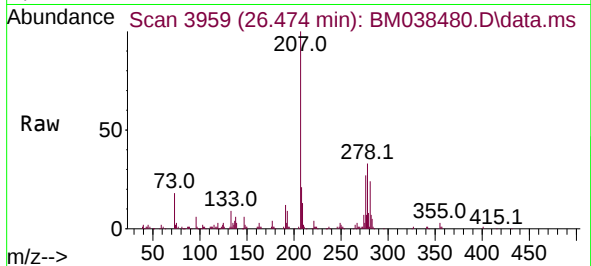
#91
Dibenzo(a,h)anthracene
Concen: 3.286 ng
RT: 26.474 min Scan# 3963
Delta R.T. -0.006 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

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

Tgt Ion:278 Resp: 52302
Ion Ratio Lower Upper
278 100
139 10.5 8.4 12.6
279 23.7 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: 3.535 ng
RT: 27.238 min Scan# 4089
Delta R.T. -0.012 min
Lab File: BM038480.D
Acq: 18 Jan 2023 15:05

Tgt Ion:276 Resp: 55823
Ion Ratio Lower Upper
276 100
277 24.5 18.6 27.8
138 13.5 11.3 16.9

