

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031723\
 Data File : BM039032.D
 Acq On : 17 Mar 2023 12:46
 Operator : CG/JU
 Sample : 01627-07
 Misc : LOD-MDL-WATER 4ppm
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

Quant Time: Mar 18 01:44:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 05:25:34 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/20/2023
 Supervised By : Jagrut Upadhyay 03/20/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	296152	20.000	ng	0.00
21) Naphthalene-d8	10.786	136	1165278	20.000	ng	0.00
39) Acenaphthene-d10	14.616	164	653870	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	1276559	20.000	ng	0.00
76) Chrysene-d12	21.539	240	1109791	20.000	ng	0.00
86) Perylene-d12	23.980	264	1141739	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2225712	114.181	ng	0.00
7) Phenol-d6	7.134	99	2856458	112.818	ng	0.00
23) Nitrobenzene-d5	9.145	82	1969322	83.015	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	832178	110.015	ng	0.00
45) 2-Fluorobiphenyl	13.245	172	3992122	79.480	ng	0.00
79) Terphenyl-d14	19.980	244	5085568	83.782	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.399	88	34947	4.030	ng	98
3) Pyridine	3.816	79	77934m	3.240	ng	
4) n-Nitrosodimethylamine	3.716	42	36507	3.730	ng	# 90
6) Aniline	7.298	93	122556	3.687	ng	99
8) 2-Chlorophenol	7.534	128	79844	3.847	ng	96
9) Benzaldehyde	7.110	77	79011m	6.558	ng	
10) Phenol	7.157	94	101841	3.788	ng	93
11) bis(2-Chloroethyl)ether	7.398	93	83446	3.817	ng	95
12) 1,3-Dichlorobenzene	7.863	146	87431	3.964	ng	94
13) 1,4-Dichlorobenzene	8.010	146	86573	3.860	ng	96
14) 1,2-Dichlorobenzene	8.334	146	84734	3.922	ng	97
15) Benzyl Alcohol	8.216	79	67395	3.714	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.516	45	116002	4.202	ng	99
17) 2-Methylphenol	8.416	107	61430	3.326	ng	98
18) Hexachloroethane	9.063	117	32729	3.955	ng	96
19) n-Nitroso-di-n-propyla...	8.787	70	62242	3.903	ng	98
20) 3+4-Methylphenols	8.745	107	79367	3.218	ng	98
22) Acetophenone	8.804	105	128356	3.926	ng	# 99
24) Nitrobenzene	9.187	77	100920	4.047	ng	99
25) Isophorone	9.710	82	160730	3.682	ng	99
26) 2-Nitrophenol	9.898	139	32884	5.791	ng	99
27) 2,4-Dimethylphenol	9.957	122	67184	3.532	ng	94
28) bis(2-Chloroethoxy)met...	10.198	93	107432	3.830	ng	98
29) 2,4-Dichlorophenol	10.428	162	58105	3.222	ng	98
30) 1,2,4-Trichlorobenzene	10.651	180	72175	3.662	ng	99
31) Naphthalene	10.839	128	243397	3.663	ng	99
32) Benzoic acid	10.010	122	22906	7.178	ng	94
33) 4-Chloroaniline	10.951	127	95706	3.380	ng	99
34) Hexachlorobutadiene	11.128	225	39528	3.498	ng	99
35) Caprolactam	11.710	113	16459m	2.999	ng	
36) 4-Chloro-3-methylphenol	12.063	107	63078	3.285	ng	97
37) 2-Methylnaphthalene	12.445	142	157810	3.543	ng	100
38) 1-Methylnaphthalene	12.663	142	146909	3.520	ng	98
40) 1,2,4,5-Tetrachloroben...	12.810	216	76122	3.581	ng	99
41) Hexachlorocyclopentadiene	12.792	237	44190	3.787	ng	99
43) 2,4,6-Trichlorophenol	13.051	196	42451	3.084	ng	98

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Instrument :
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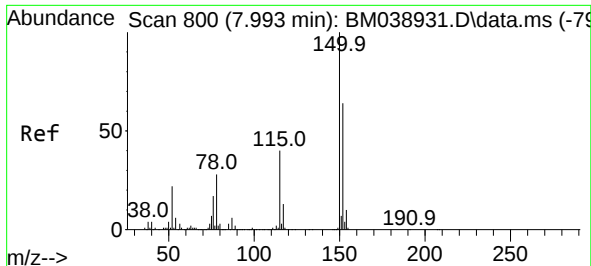
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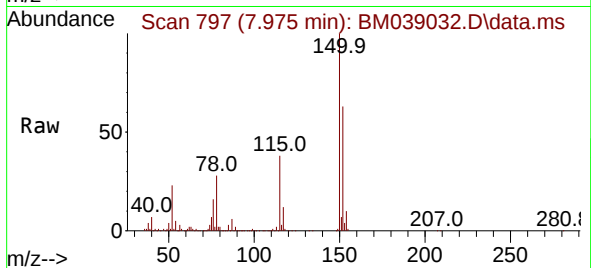
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	45540	2.826	ng	99
46) 1,1'-Biphenyl	13.451	154	217383	3.924	ng	98
47) 2-Chloronaphthalene	13.492	162	156081	3.737	ng	99
48) 2-Nitroaniline	13.692	65	35682	4.760	ng	92
49) Acenaphthylene	14.339	152	221674	3.332	ng	99
50) Dimethylphthalate	14.069	163	179063	3.559	ng	99
51) 2,6-Dinitrotoluene	14.186	165	29026	4.049	ng	# 77
52) Acenaphthene	14.680	154	145983	3.570	ng	99
53) 3-Nitroaniline	14.516	138	30823	3.880	ng	97
54) 2,4-Dinitrophenol	14.716	184	11026	6.803	ng	93
55) Dibenzofuran	15.010	168	230803	3.607	ng	97
56) 4-Nitrophenol	14.816	139	24847	2.487	ng	98
57) 2,4-Dinitrotoluene	14.969	165	33945	4.289	ng	# 85
58) Fluorene	15.657	166	177379	3.539	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.233	232	39369	3.168	ng	96
60) Diethylphthalate	15.433	149	168983	3.452	ng	99
61) 4-Chlorophenyl-phenyle...	15.657	204	86677	3.520	ng	99
62) 4-Nitroaniline	15.674	138	28870m	3.849	ng	
63) Azobenzene	15.945	77	166731	3.219	ng	98
65) 4,6-Dinitro-2-methylph...	15.733	198	15147	6.702	ng	90
66) n-Nitrosodiphenylamine	15.868	169	140698	3.269	ng	98
67) 4-Bromophenyl-phenylether	16.551	248	45773	3.320	ng	96
68) Hexachlorobenzene	16.663	284	55095	3.574	ng	97
69) Atrazine	16.815	200	41114	3.498	ng	99
70) Pentachlorophenol	17.004	266	26650	2.351	ng	96
71) Phenanthrene	17.398	178	269533	3.598	ng	98
72) Anthracene	17.492	178	244278	3.269	ng	99
73) Carbazole	17.762	167	221649	3.250	ng	99
74) Di-n-butylphthalate	18.327	149	251015	4.703	ng	99
75) Fluoranthene	19.415	202	264696	3.346	ng	98
77) Benzidine	19.598	184	111520	8.837	ng	99
78) Pyrene	19.774	202	282064	3.384	ng	99
80) Butylbenzylphthalate	20.674	149	94931	5.809	ng	94
81) Benzo(a)anthracene	21.521	228	275948	3.453	ng	99
82) 3,3'-Dichlorobenzidine	21.456	252	90864	3.699	ng	99
83) Chrysene	21.574	228	274333	3.529	ng	100
84) Bis(2-ethylhexyl)phtha...	21.450	149	150603	5.272	ng	98
85) Di-n-octyl phthalate	22.392	149	225253	6.236	ng	97
87) Indeno(1,2,3-cd)pyrene	26.509	276	280805	3.232	ng	97
88) Benzo(b)fluoranthene	23.233	252	267465	3.667	ng	98
89) Benzo(k)fluoranthene	23.280	252	257519	3.392	ng	99
90) Benzo(a)pyrene	23.868	252	214832	3.060	ng	97
91) Dibenzo(a,h)anthracene	26.532	278	238859	3.246	ng	97
92) Benzo(g,h,i)perylene	27.291	276	232379	3.228	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.975 min Scan# 79
Delta R.T. -0.000 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

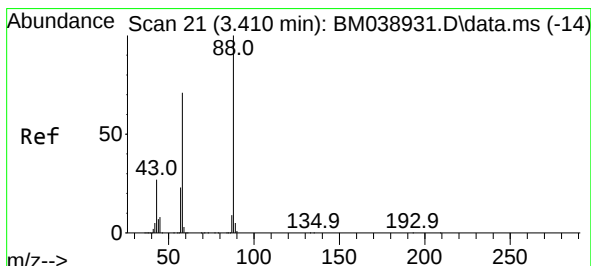
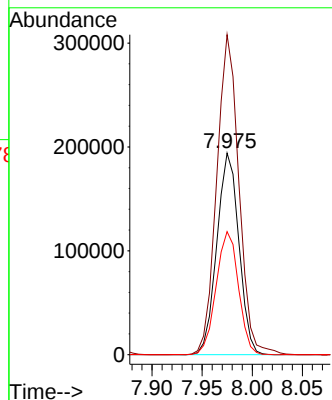
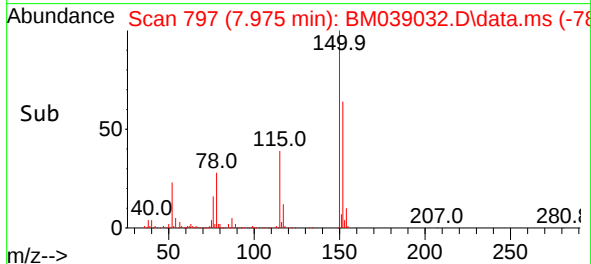
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:152 Resp: 296152
Ion Ratio Lower Upper
152 100
150 158.8 125.1 187.7
115 61.1 49.6 74.4

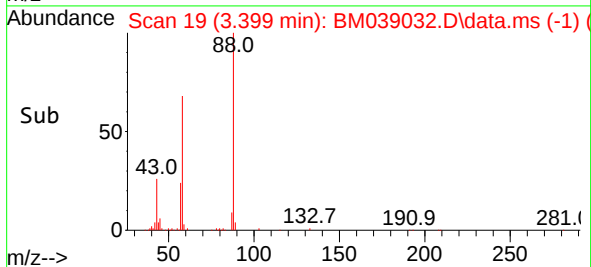
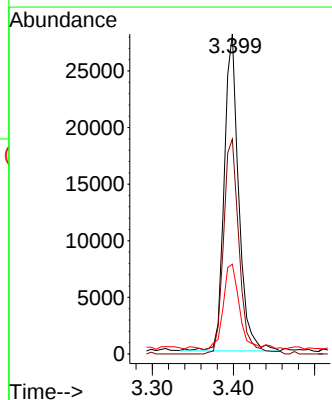
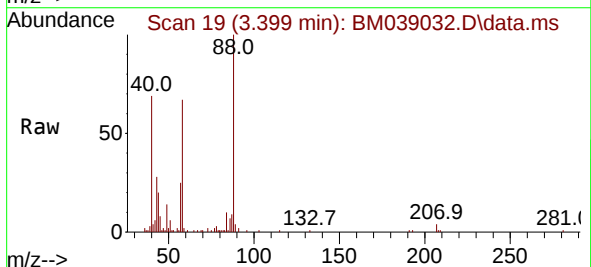
Manual Integrations
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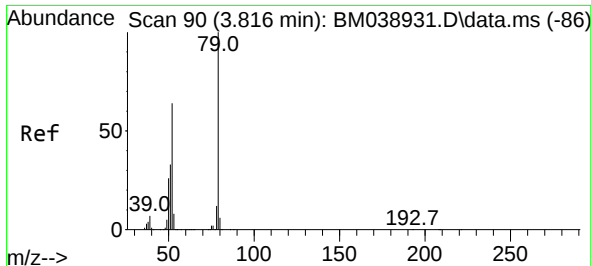
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#2
1,4-Dioxane
Concen: 4.030 ng
RT: 3.399 min Scan# 19
Delta R.T. 0.006 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

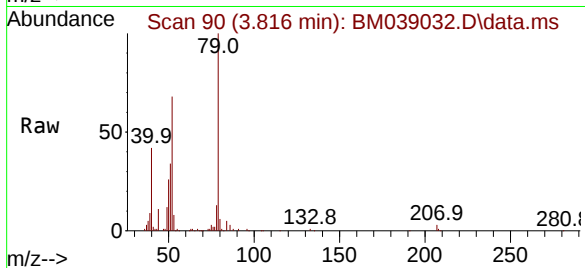
Tgt Ion: 88 Resp: 34947
Ion Ratio Lower Upper
88 100
58 72.5 57.2 85.8
43 29.6 22.0 33.0





#3
Pyridine
Concen: 3.240 ng m
RT: 3.816 min Scan# 90
Delta R.T. 0.012 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

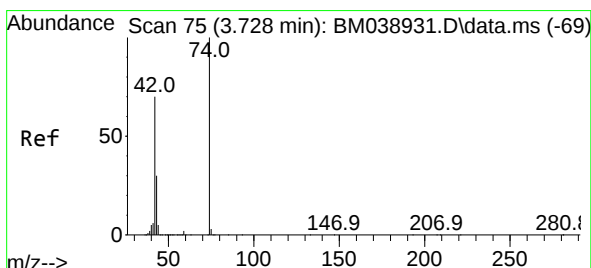
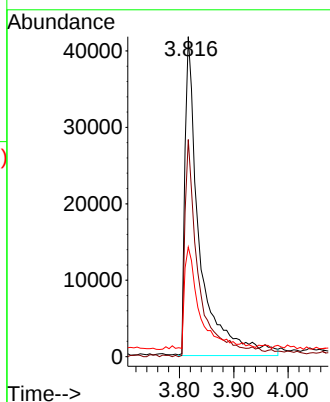
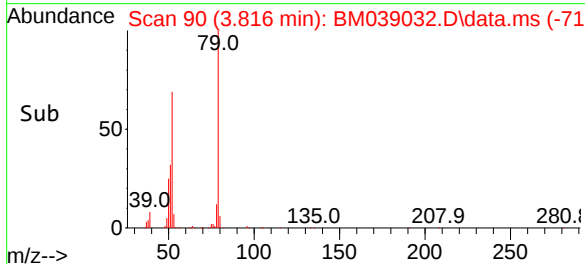
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



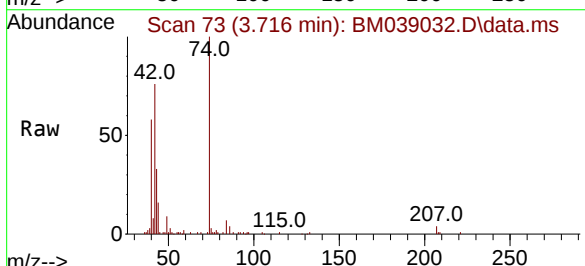
Tgt Ion: 79 Resp: 77934
Ion Ratio Lower Upper
79 100
52 67.9 51.4 77.2
51 34.2 26.6 40.0

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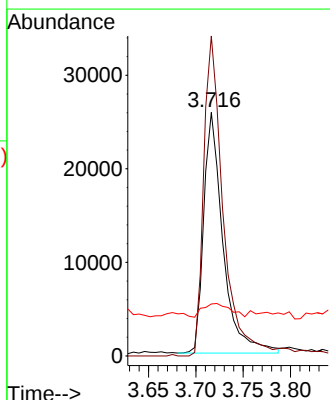
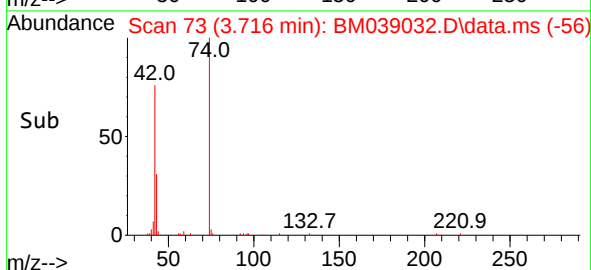
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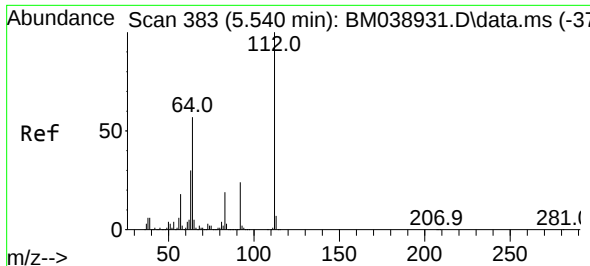


#4
n-Nitrosodimethylamine
Concen: 3.730 ng
RT: 3.716 min Scan# 73
Delta R.T. 0.000 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46



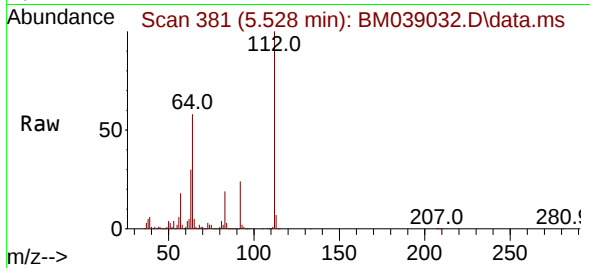
Tgt Ion: 42 Resp: 36507
Ion Ratio Lower Upper
42 100
74 131.4 113.8 170.8
44 21.4 6.2 9.2





#5
2-Fluorophenol
Concen: 114.181 ng
RT: 5.528 min Scan# 381
Delta R.T. 0.000 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

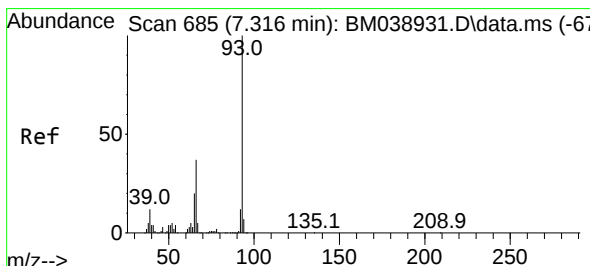
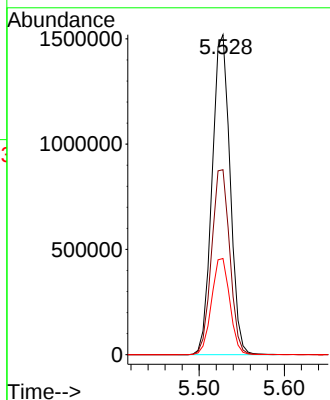
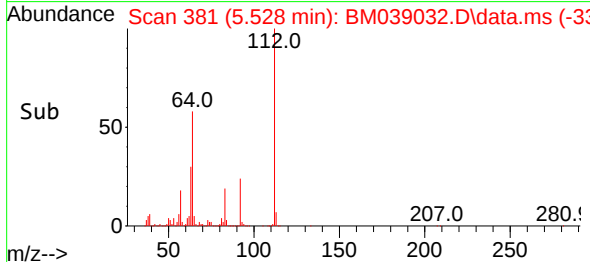
Instrument :
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LOD-MDL-WATER-01-QT1-2023



Tgt Ion:112 Resp: 222571
Ion Ratio Lower Upper
112 100
64 57.8 45.9 68.9
63 30.1 23.8 35.8

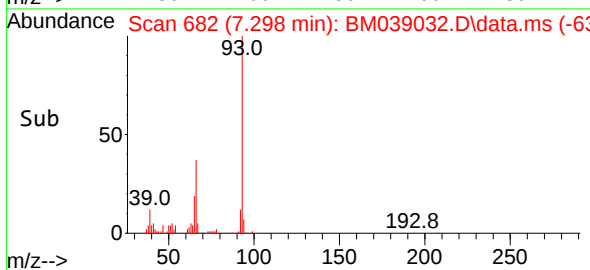
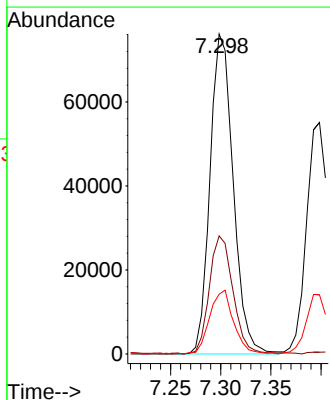
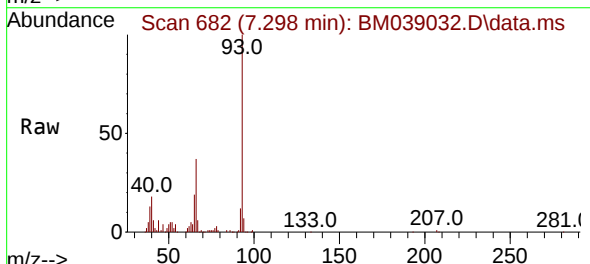
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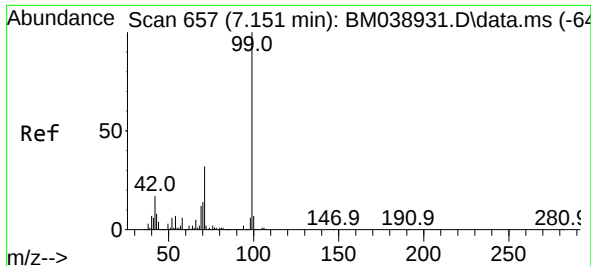
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#6
Aniline
Concen: 3.687 ng
RT: 7.298 min Scan# 682
Delta R.T. 0.000 min
Lab File: BM039032.D
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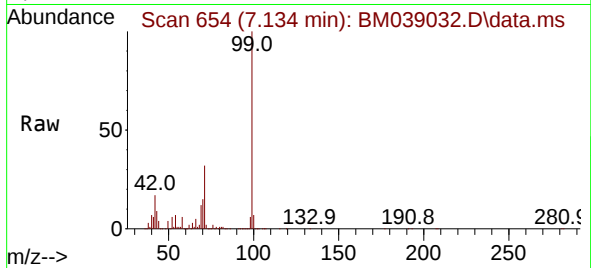
Tgt Ion: 93 Resp: 122556
Ion Ratio Lower Upper
93 100
66 36.9 30.0 45.0
65 18.7 15.8 23.6





#7
Phenol-d6
Concen: 112.818 ng
RT: 7.134 min Scan# 657
Delta R.T. 0.000 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

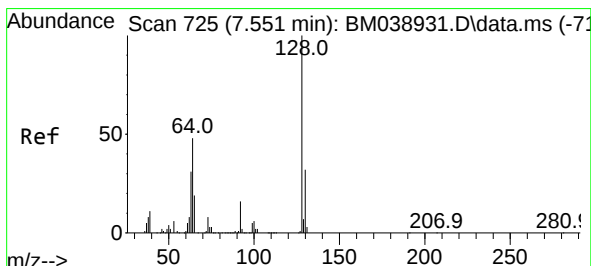
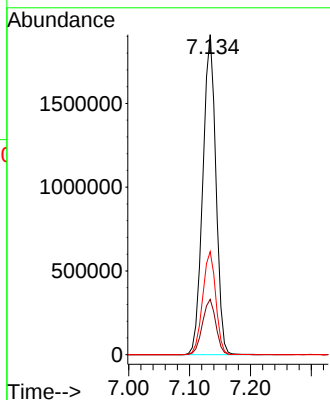
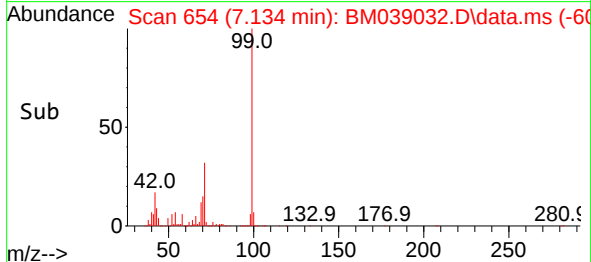
Instrument :
BNA_M
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Tgt Ion: 99 Resp: 2856458
Ion Ratio Lower Upper
99 100
42 17.3 13.5 20.3
71 32.2 25.6 38.4

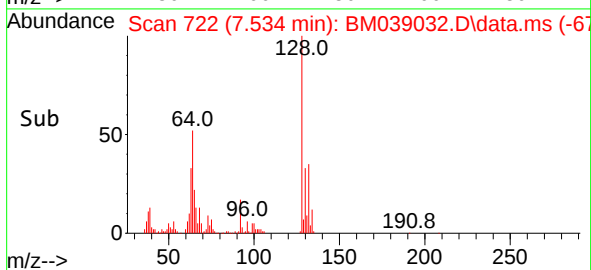
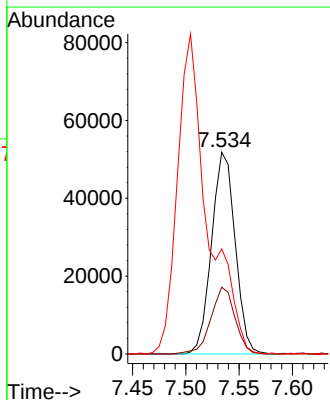
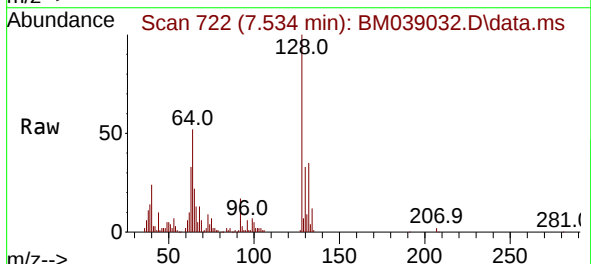
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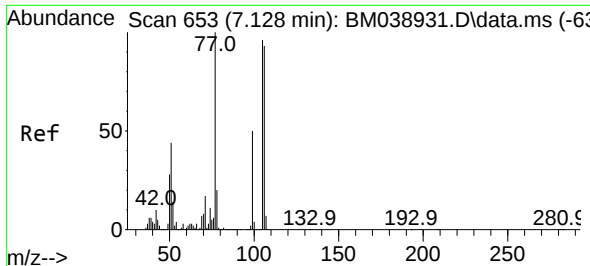
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#8
2-Chlorophenol
Concen: 3.847 ng
RT: 7.534 min Scan# 722
Delta R.T. -0.006 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

Tgt Ion:128 Resp: 79844
Ion Ratio Lower Upper
128 100
130 33.1 11.9 51.9
64 52.1 28.6 68.6





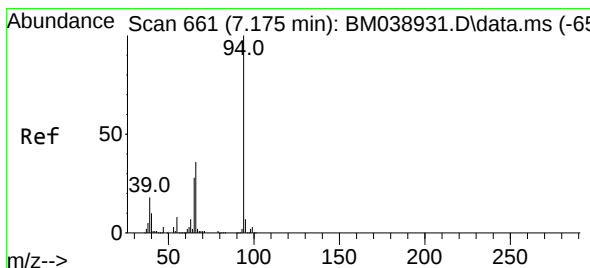
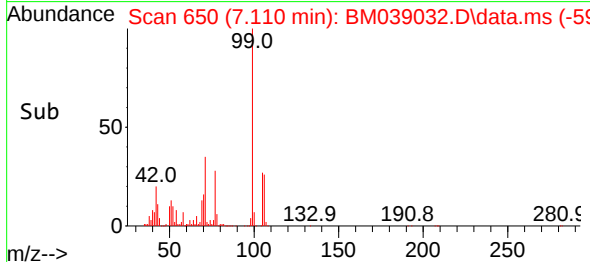
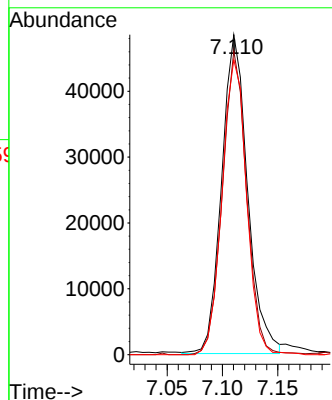
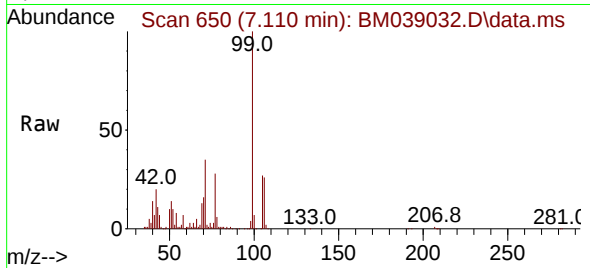
#9
Benzaldehyde
Concen: 6.558 ng m
RT: 7.110 min Scan# 611
Delta R.T. 0.000 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 77 Resp: 7901
Ion Ratio Lower Upper
77 100
105 94.9 75.8 115.8
106 92.1 72.6 112.6

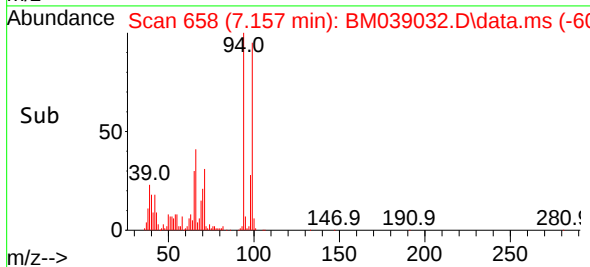
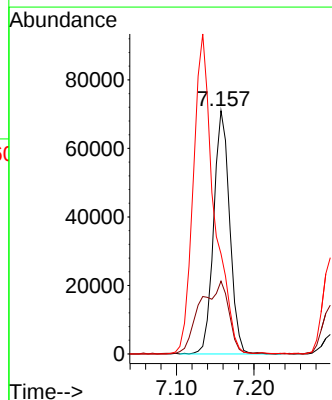
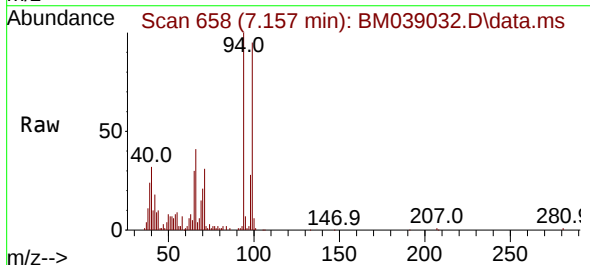
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APPROVED

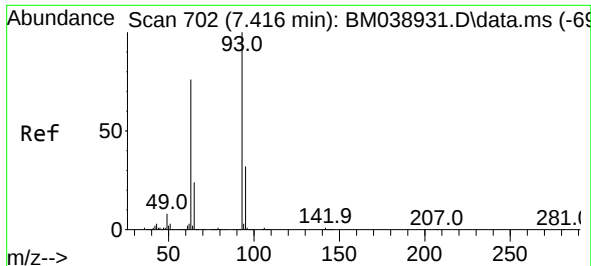
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#10
Phenol
Concen: 3.788 ng
RT: 7.157 min Scan# 658
Delta R.T. -0.006 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

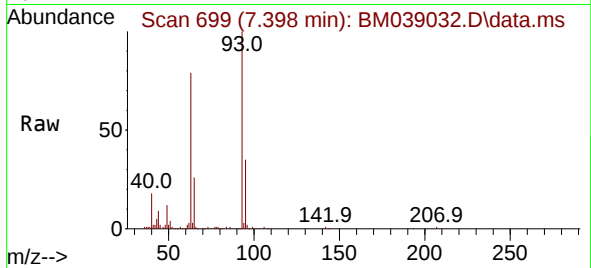
Tgt Ion: 94 Resp: 101841
Ion Ratio Lower Upper
94 100
65 30.0 7.9 47.9
66 41.2 15.8 55.8





#11
bis(2-Chloroethyl)ether
Concen: 3.817 ng
RT: 7.398 min Scan# 699
Delta R.T. 0.000 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

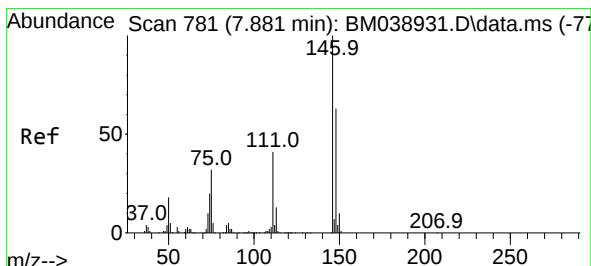
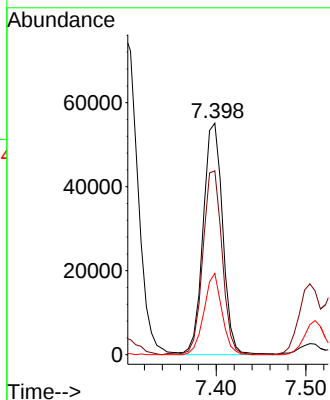
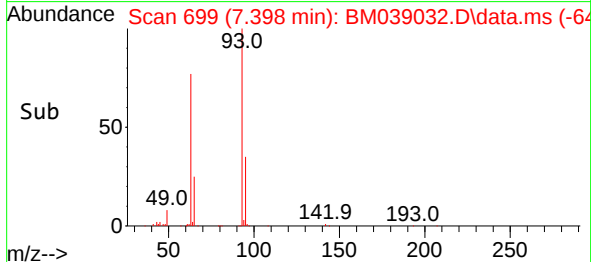
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 93 Resp: 83440
Ion Ratio Lower Upper
93 100
63 79.4 55.8 95.8
95 35.1 12.2 52.2

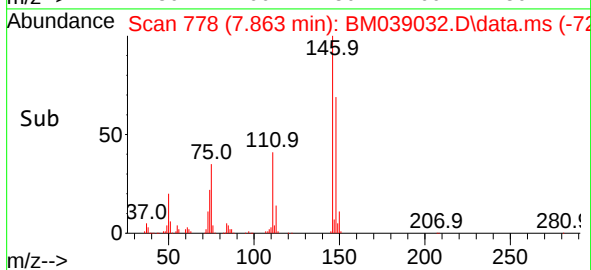
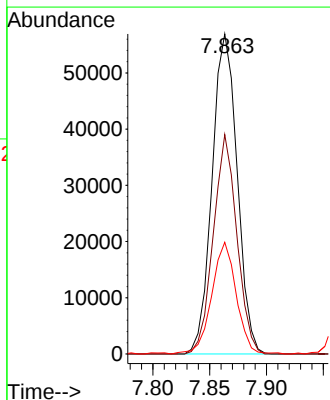
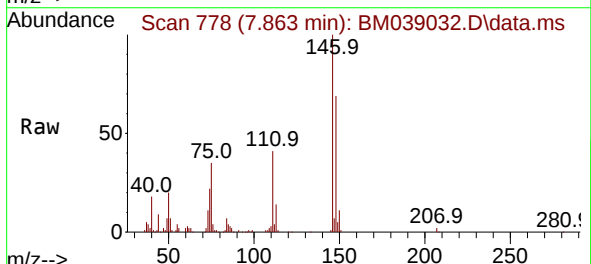
Manual Integrations
APPROVED

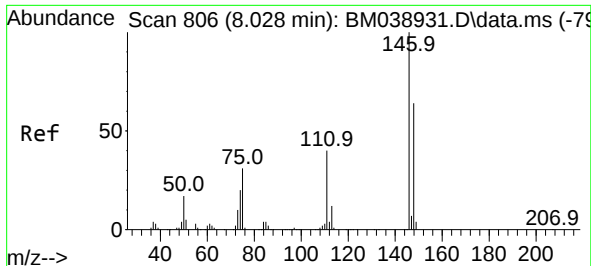
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#12
1,3-Dichlorobenzene
Concen: 3.964 ng
RT: 7.863 min Scan# 778
Delta R.T. 0.000 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

Tgt Ion:146 Resp: 87431
Ion Ratio Lower Upper
146 100
148 68.6 50.6 75.8
75 34.9 26.0 39.0





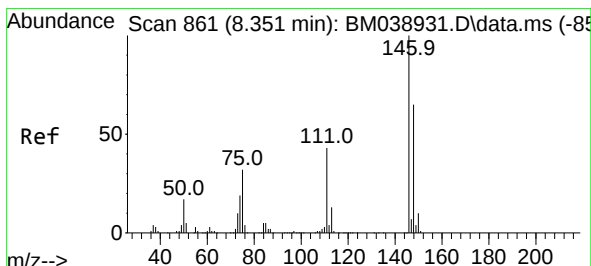
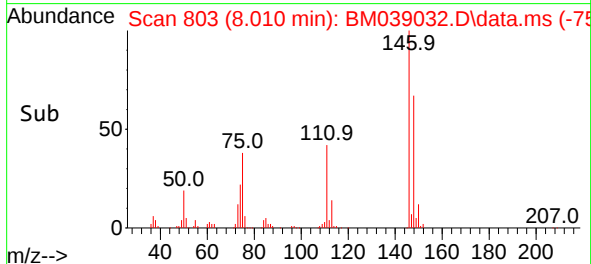
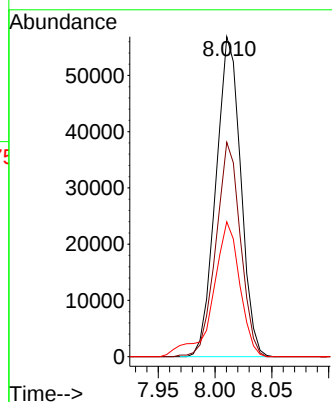
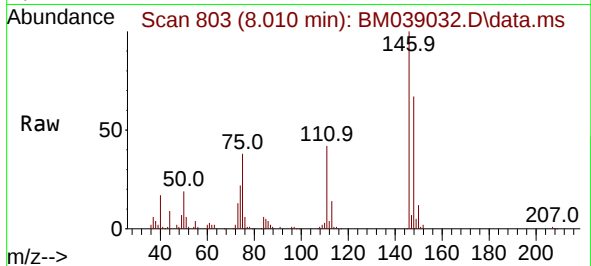
#13
1,4-Dichlorobenzene
Concen: 3.860 ng
RT: 8.010 min Scan# 801
Delta R.T. 0.000 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:146 Resp: 8657
Ion Ratio Lower Upper
146 100
148 67.0 51.0 76.4
111 42.2 32.2 48.4

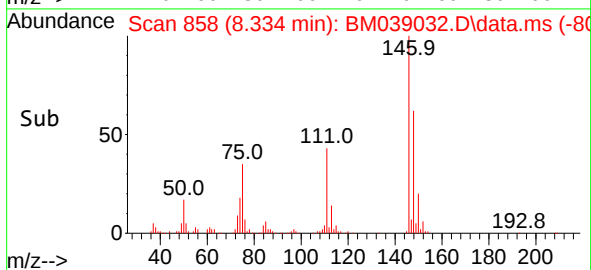
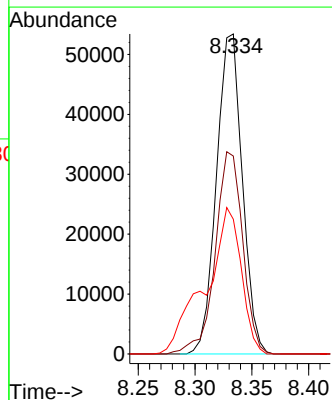
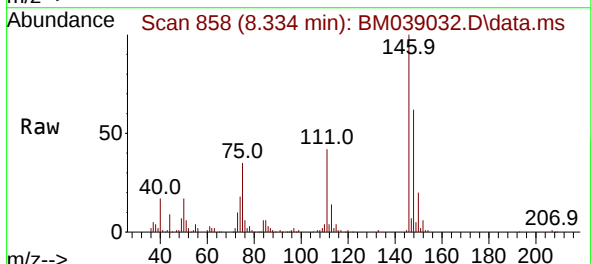
Manual Integrations
APPROVED

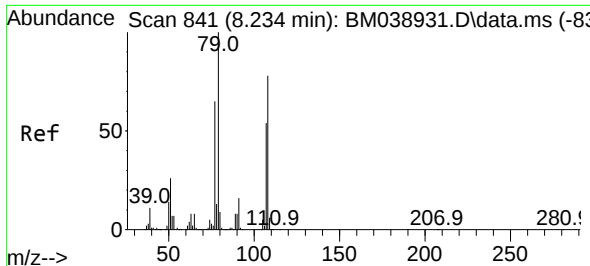
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#14
1,2-Dichlorobenzene
Concen: 3.922 ng
RT: 8.334 min Scan# 858
Delta R.T. 0.000 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

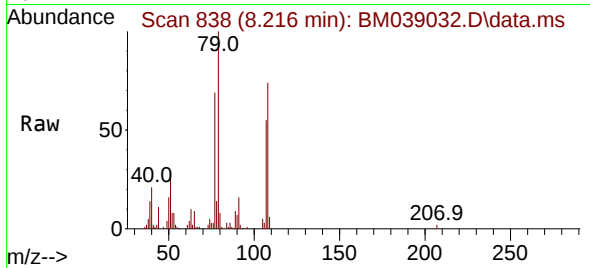
Tgt Ion:146 Resp: 84734
Ion Ratio Lower Upper
146 100
148 61.8 51.7 77.5
111 42.1 34.2 51.4





#15
Benzyl Alcohol
Concen: 3.714 ng
RT: 8.216 min Scan# 841
Delta R.T. 0.000 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

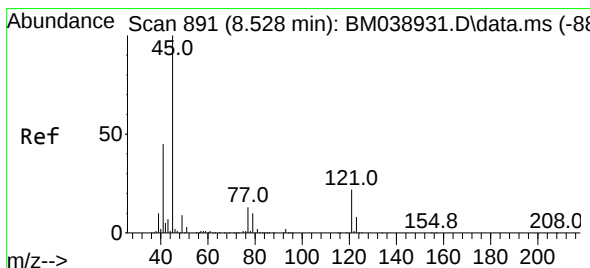
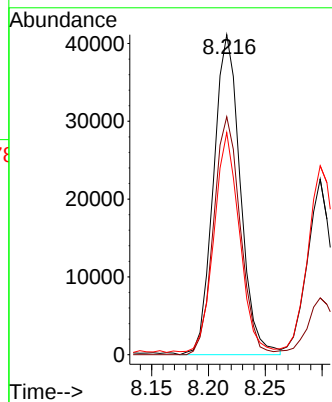
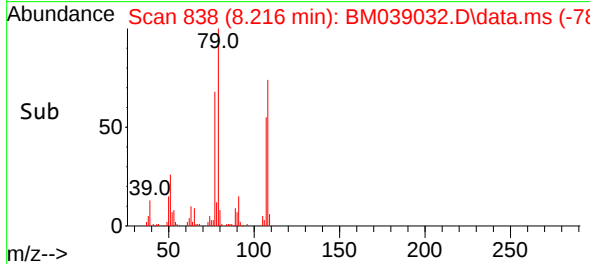
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 79 Resp: 67395
Ion Ratio Lower Upper
79 100
108 74.3 62.4 93.6
77 69.4 52.2 78.4

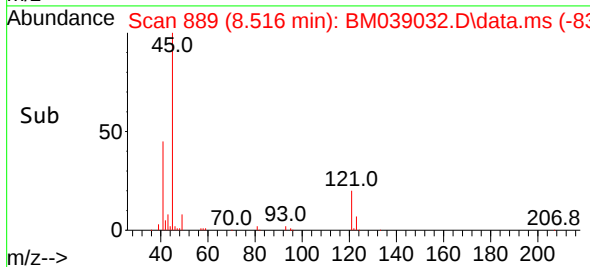
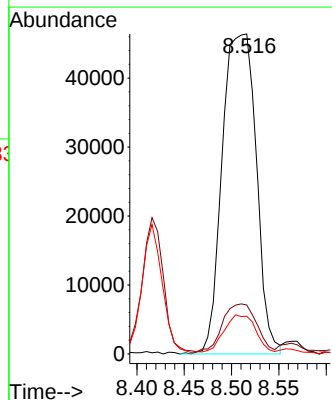
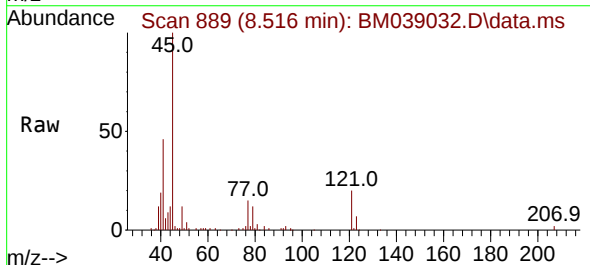
Manual Integrations
APPROVED

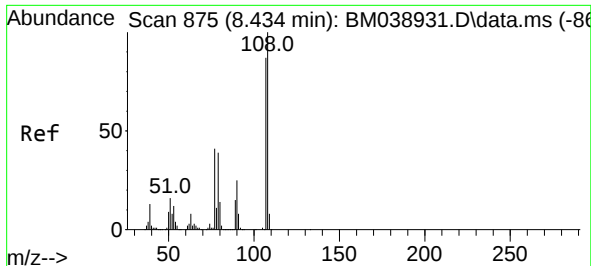
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.202 ng
RT: 8.516 min Scan# 889
Delta R.T. 0.006 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

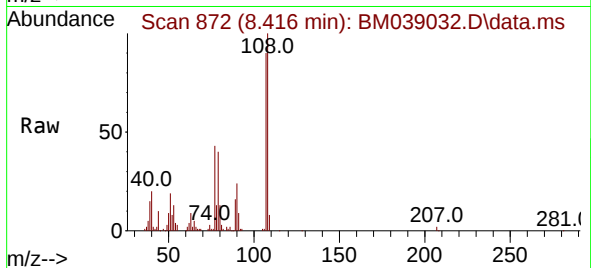
Tgt Ion: 45 Resp: 116002
Ion Ratio Lower Upper
45 100
77 15.3 0.0 34.8
79 11.8 0.0 31.5





#17
2-Methylphenol
Concen: 3.326 ng
RT: 8.416 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

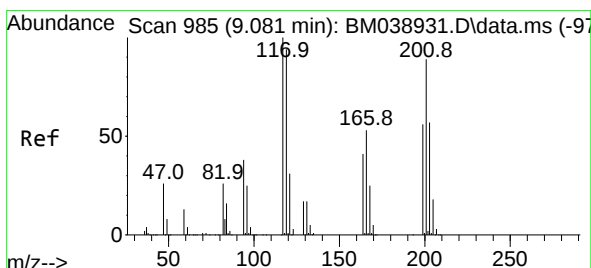
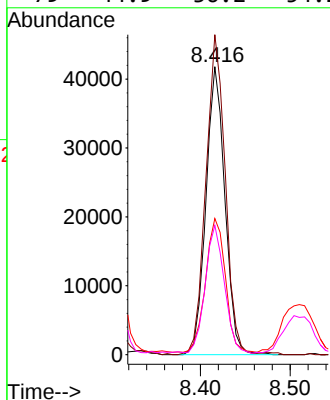
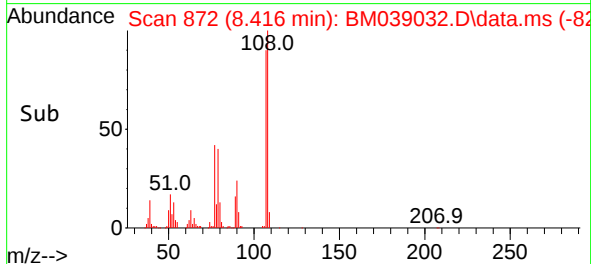
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:107 Resp: 61430
Ion Ratio Lower Upper
107 100
108 111.1 91.7 137.5
77 47.3 37.4 56.2
79 44.9 36.2 54.2

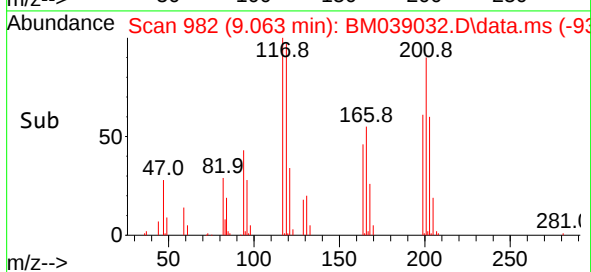
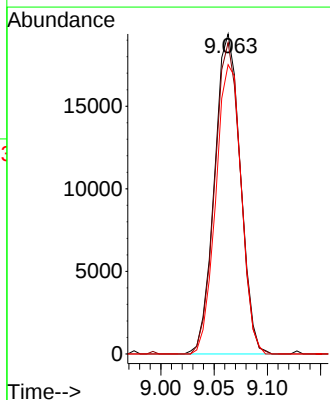
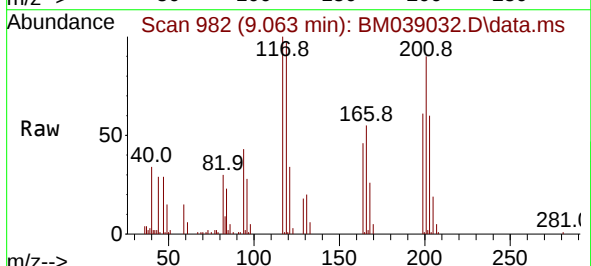
Manual Integrations
APPROVED

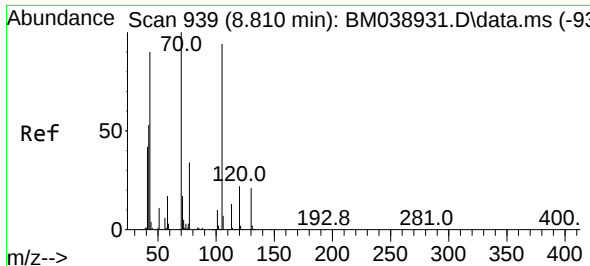
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#18
Hexachloroethane
Concen: 3.955 ng
RT: 9.063 min Scan# 982
Delta R.T. 0.000 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

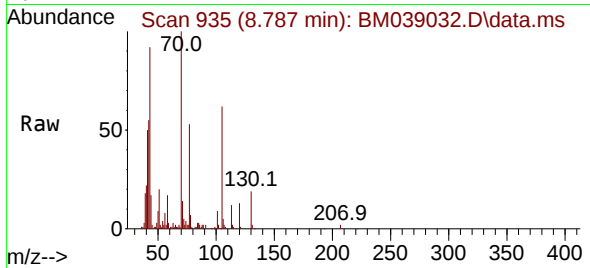
Tgt Ion:117 Resp: 32729
Ion Ratio Lower Upper
117 100
119 97.3 75.4 113.0
201 92.9 71.3 106.9





#19
n-Nitroso-di-n-propylamine
Concen: 3.903 ng
RT: 8.787 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

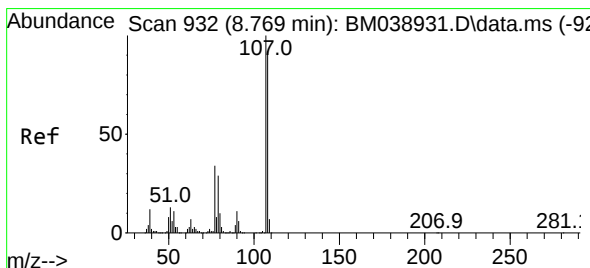
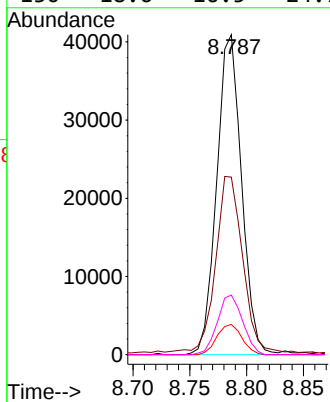
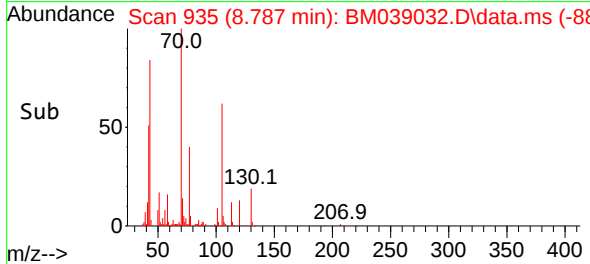
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



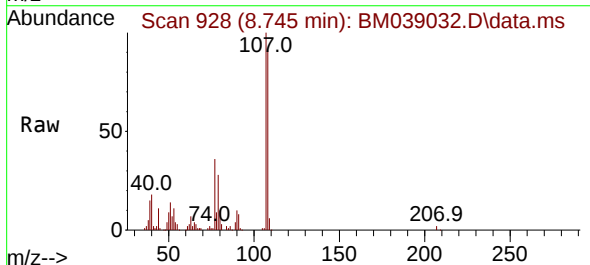
Tgt Ion: 70 Resp: 6224
Ion Ratio Lower Upper
70 100
42 55.5 43.4 65.2
101 9.4 7.6 11.4
130 18.6 16.5 24.7

Manual Integrations
APPROVED

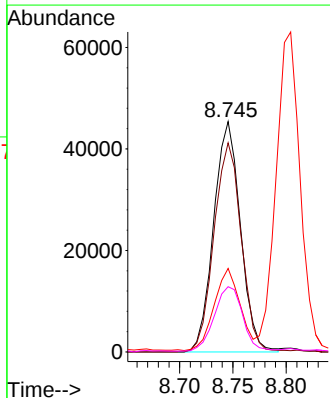
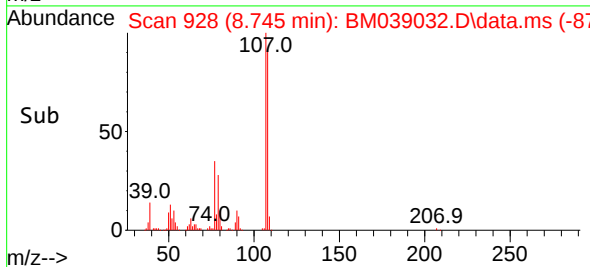
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023

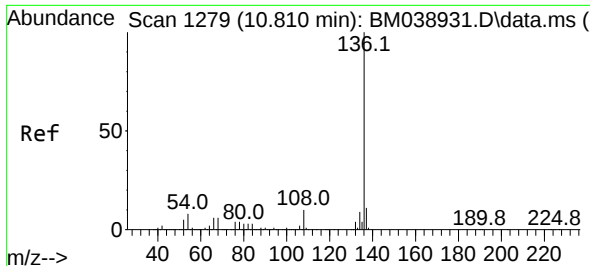


#20
3+4-Methylphenols
Concen: 3.218 ng
RT: 8.745 min Scan# 928
Delta R.T. -0.006 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46



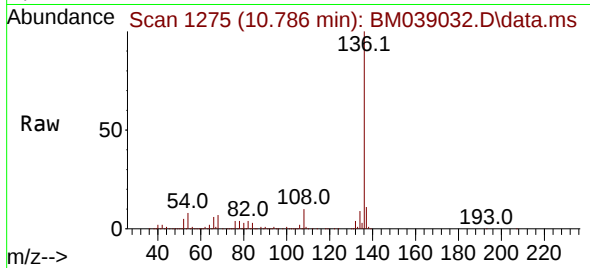
Tgt Ion: 107 Resp: 79367
Ion Ratio Lower Upper
107 100
108 90.7 71.8 111.8
77 36.3 13.6 53.6
79 28.3 9.2 49.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.786 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

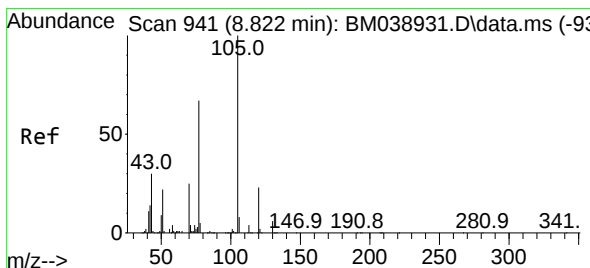
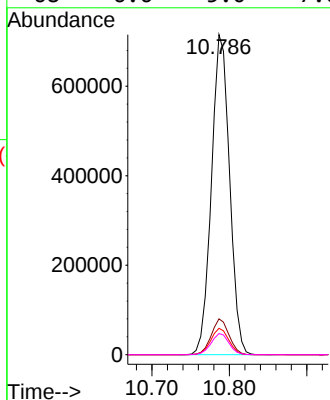
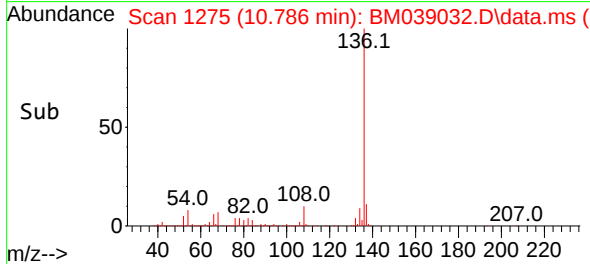
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:136 Resp: 1165278
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 8.3 6.3 9.5
68 6.6 5.0 7.6

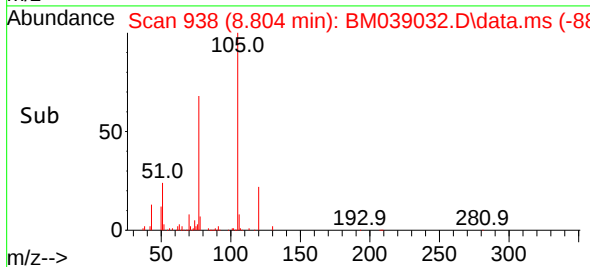
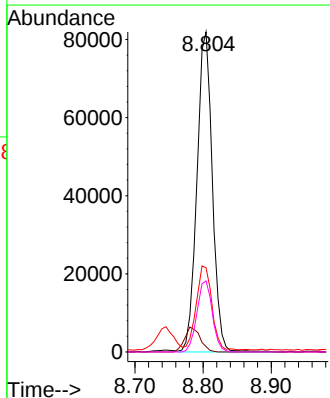
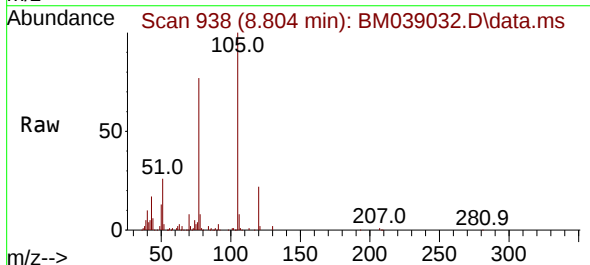
Manual Integrations
APPROVED

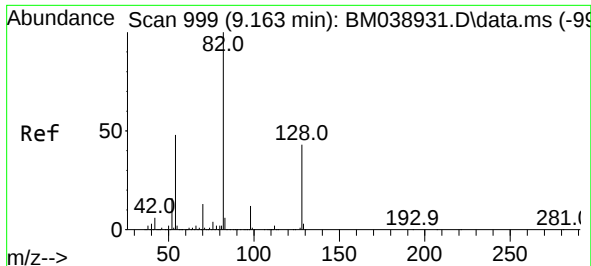
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#22
Acetophenone
Concen: 3.926 ng
RT: 8.804 min Scan# 938
Delta R.T. 0.000 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

Tgt Ion:105 Resp: 128356
Ion Ratio Lower Upper
105 100
71 1.7 3.4 5.0#
51 26.3 21.0 31.4
120 22.2 18.1 27.1





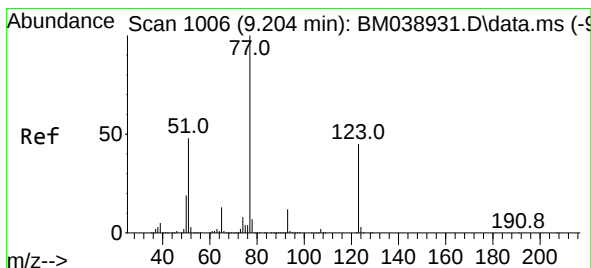
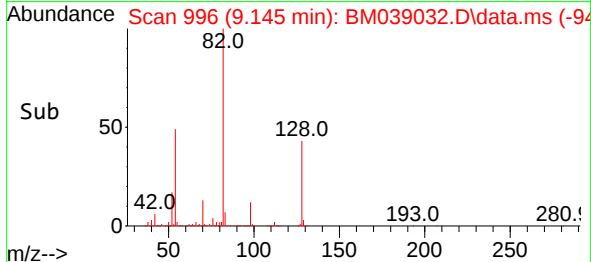
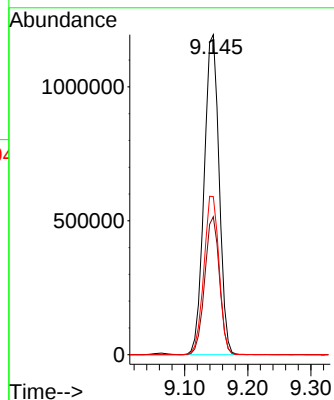
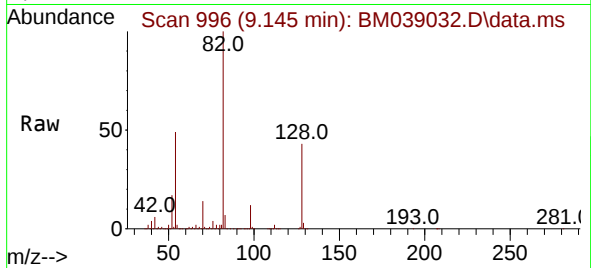
#23
Nitrobenzene-d5
Concen: 83.015 ng
RT: 9.145 min Scan# 999
Delta R.T. 0.000 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 82 Resp: 196932
Ion Ratio Lower Upper
82 100
128 43.1 34.4 51.6
54 49.4 38.8 58.2

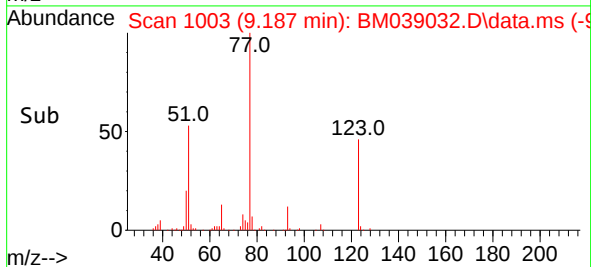
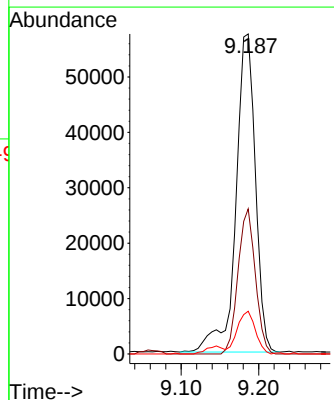
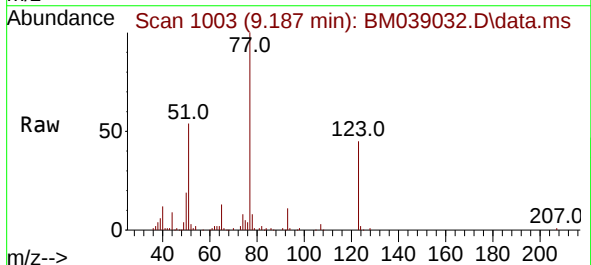
Manual Integrations
APPROVED

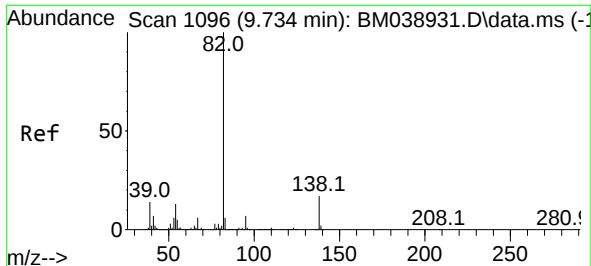
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#24
Nitrobenzene
Concen: 4.047 ng
RT: 9.187 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

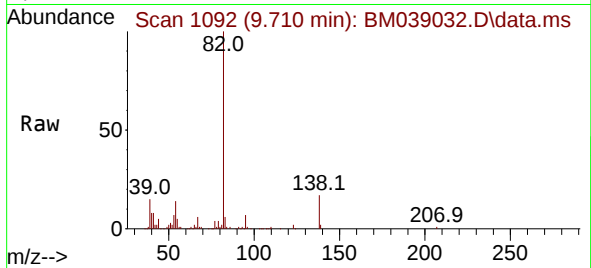
Tgt Ion: 77 Resp: 100920
Ion Ratio Lower Upper
77 100
123 45.4 35.8 53.6
65 13.3 10.2 15.4





#25
Isophorone
Concen: 3.682 ng
RT: 9.710 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

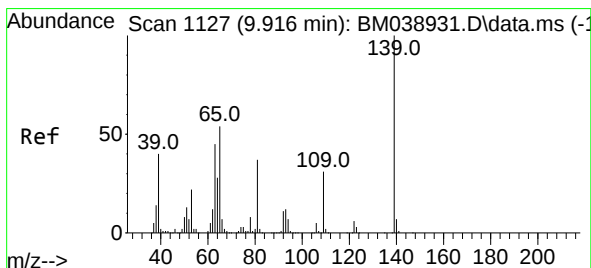
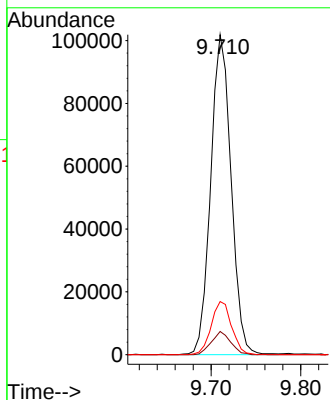
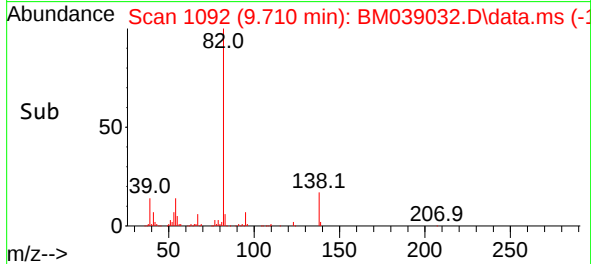
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 82 Resp: 160730
Ion Ratio Lower Upper
82 100
95 7.2 5.2 7.8
138 16.6 13.6 20.4

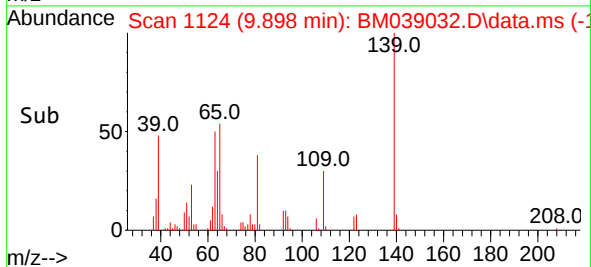
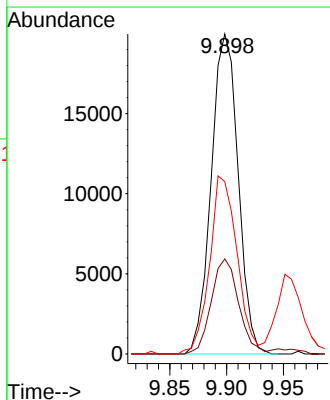
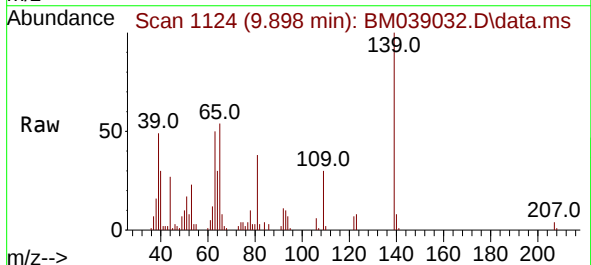
Manual Integrations
APPROVED

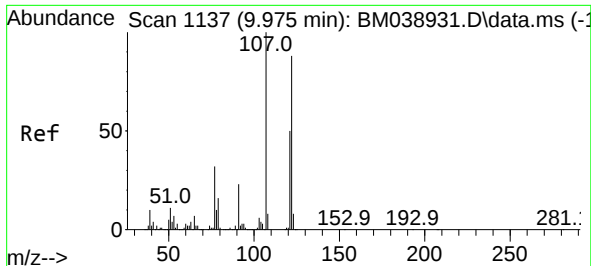
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#26
2-Nitrophenol
Concen: 5.791 ng
RT: 9.898 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

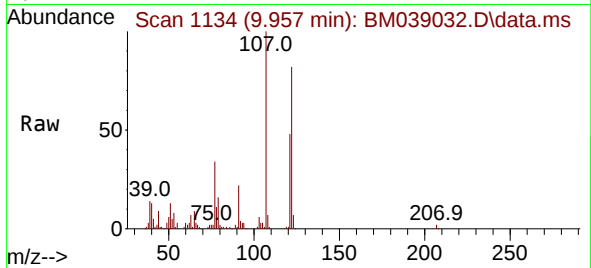
Tgt Ion:139 Resp: 32884
Ion Ratio Lower Upper
139 100
109 29.7 24.5 36.7
65 53.9 43.0 64.6





#27
2,4-Dimethylphenol
Concen: 3.532 ng
RT: 9.957 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

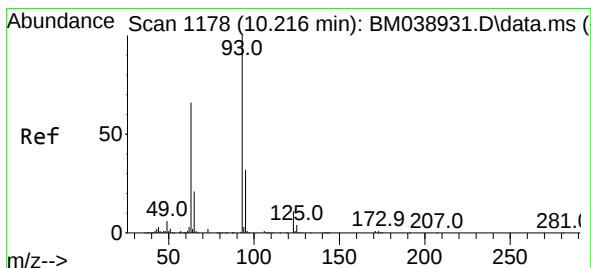
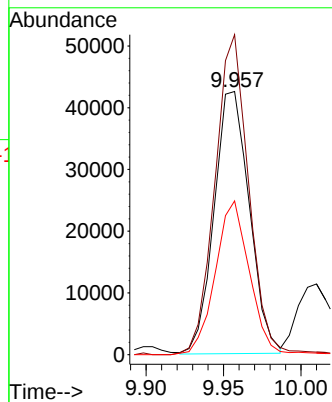
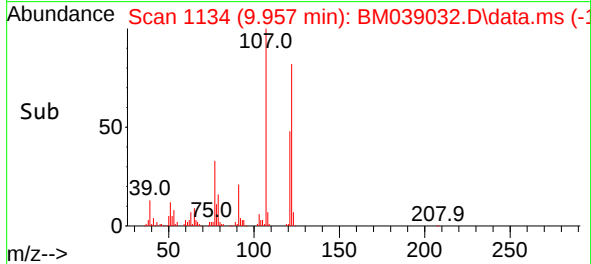
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



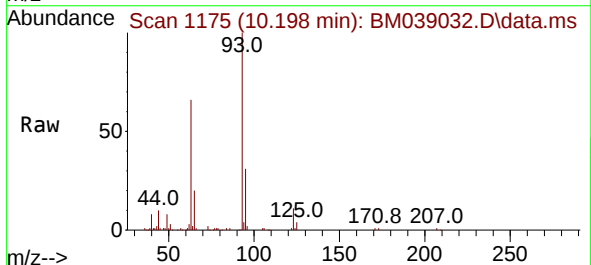
Tgt Ion:122 Resp: 67184
Ion Ratio Lower Upper
122 100
107 121.6 91.0 136.4
121 58.4 45.1 67.7

Manual Integrations
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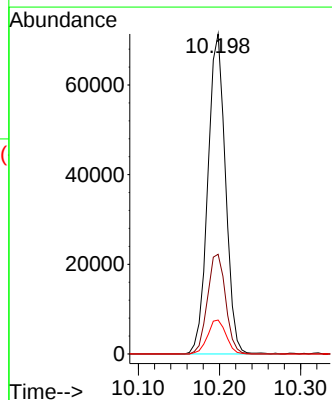
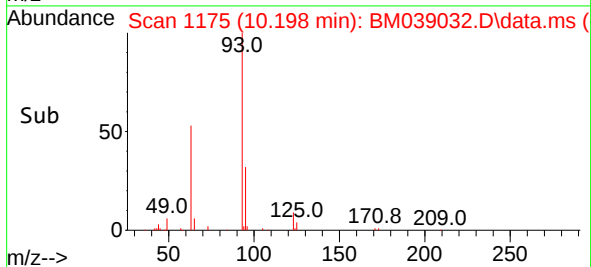
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023

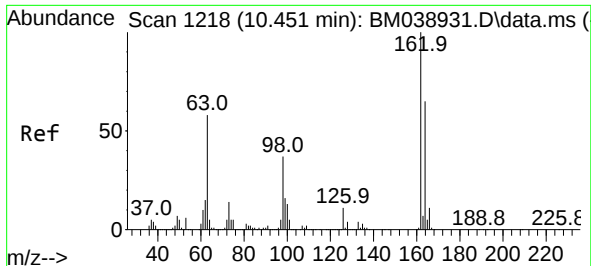


#28
bis(2-Chloroethoxy)methane
Concen: 3.830 ng
RT: 10.198 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46



Tgt Ion: 93 Resp: 107432
Ion Ratio Lower Upper
93 100
95 31.2 25.9 38.9
123 10.6 8.8 13.2





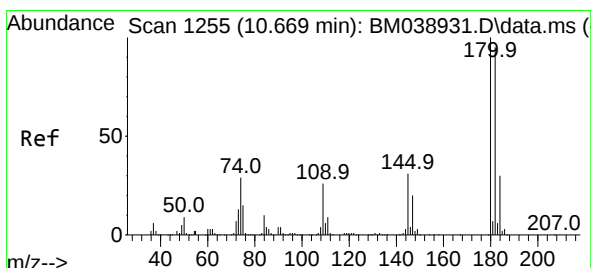
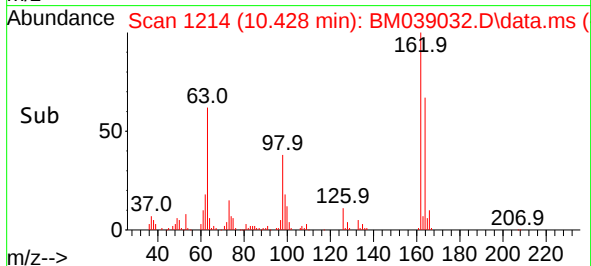
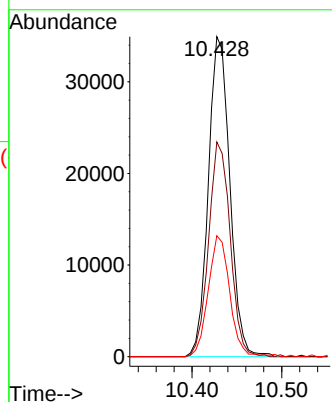
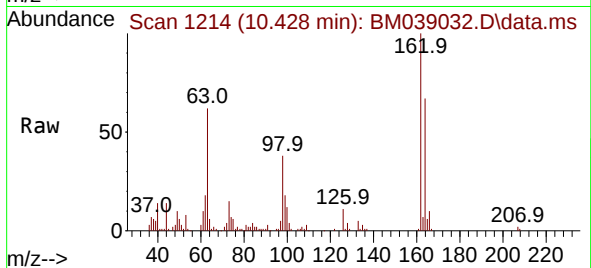
#29
2,4-Dichlorophenol
Concen: 3.222 ng
RT: 10.428 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:162 Resp: 5810
Ion Ratio Lower Upper
162 100
164 67.1 44.6 84.6
98 37.8 17.5 57.5

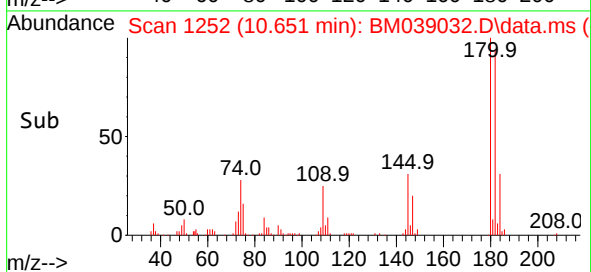
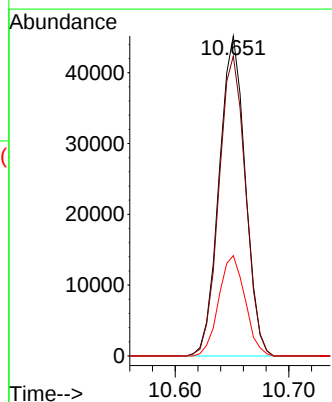
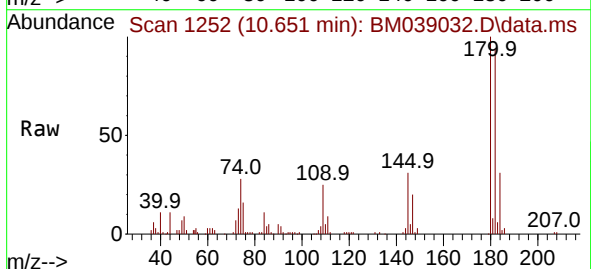
Manual Integrations
APPROVED

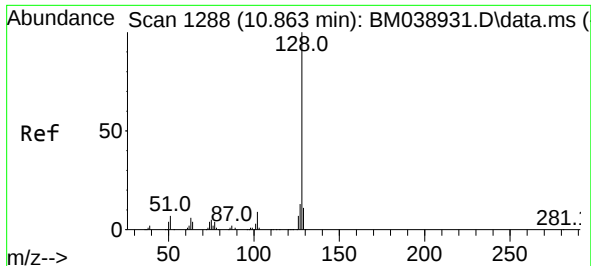
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#30
1,2,4-Trichlorobenzene
Concen: 3.662 ng
RT: 10.651 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

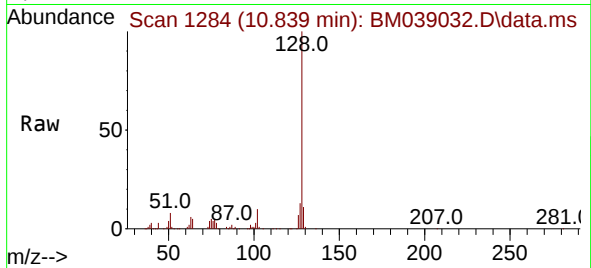
Tgt Ion:180 Resp: 72175
Ion Ratio Lower Upper
180 100
182 93.8 76.3 114.5
145 31.3 25.0 37.4





#31
Naphthalene
Concen: 3.663 ng
RT: 10.839 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

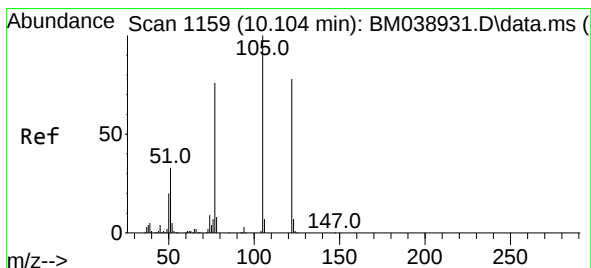
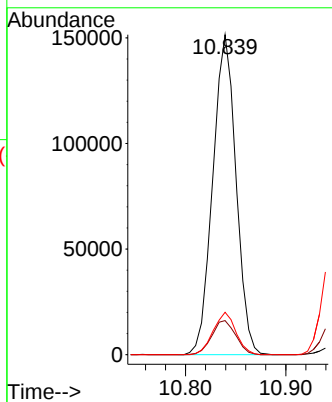
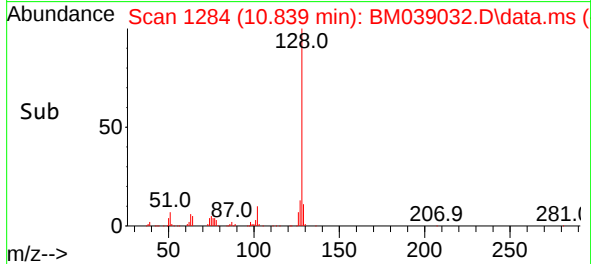
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:128 Resp: 24339
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.2 10.2 15.4

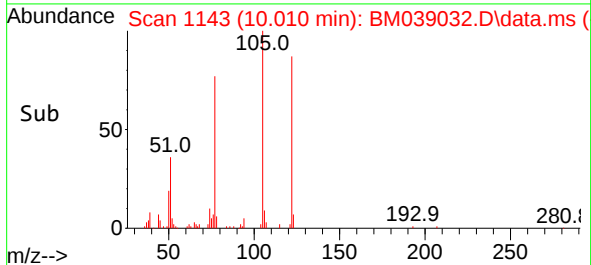
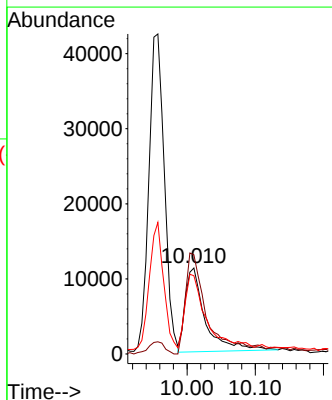
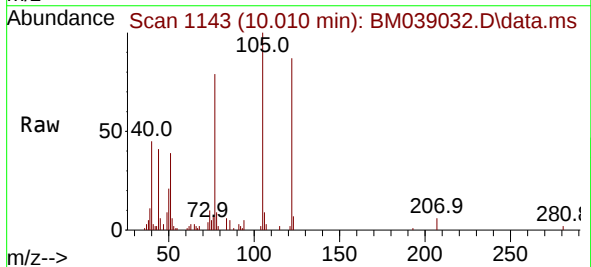
Manual Integrations
APPROVED

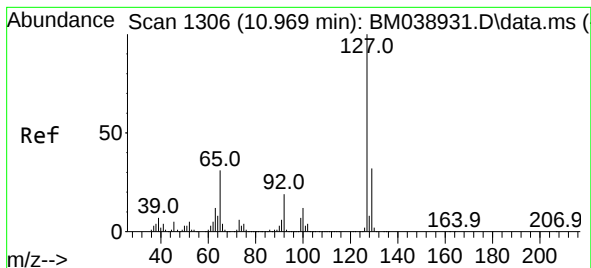
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#32
Benzoic acid
Concen: 7.178 ng
RT: 10.010 min Scan# 1143
Delta R.T. -0.088 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

Tgt Ion:122 Resp: 22906
Ion Ratio Lower Upper
122 100
105 115.3 104.2 144.2
77 90.9 75.1 115.1





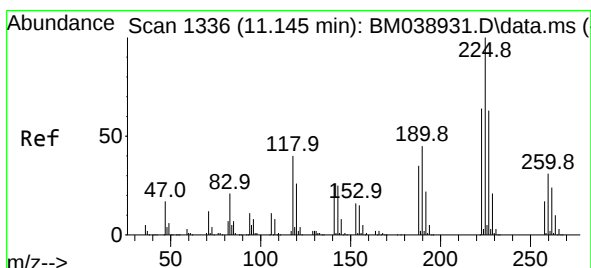
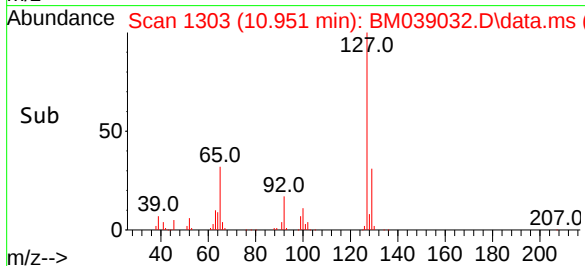
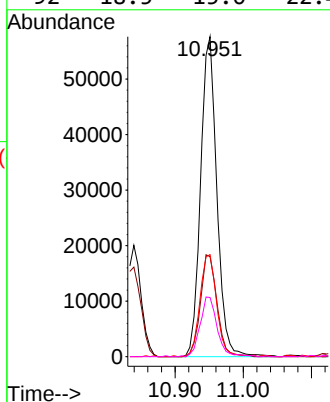
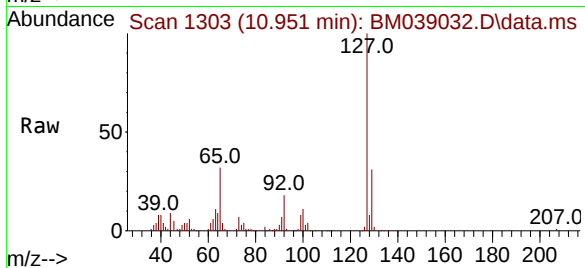
#33
4-Chloroaniline
Concen: 3.380 ng
RT: 10.951 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:	127	Resp:	95700
Ion Ratio	Lower	Upper	
127	100		
129	31.2	25.4	38.2
65	31.9	24.4	36.6
92	18.5	15.0	22.4

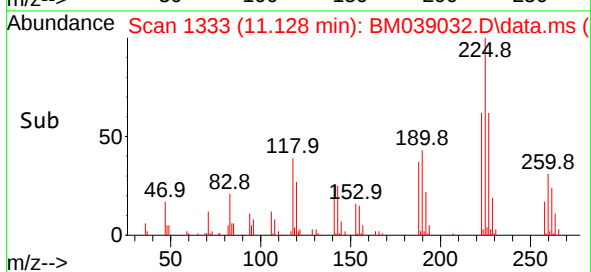
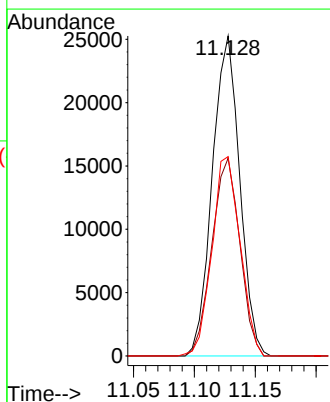
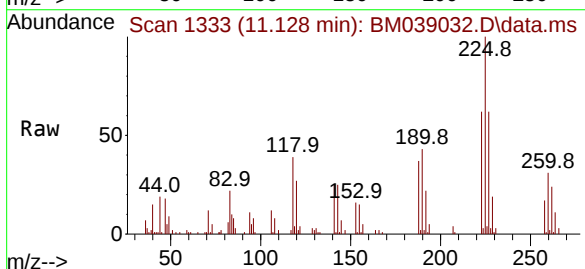
Manual Integrations
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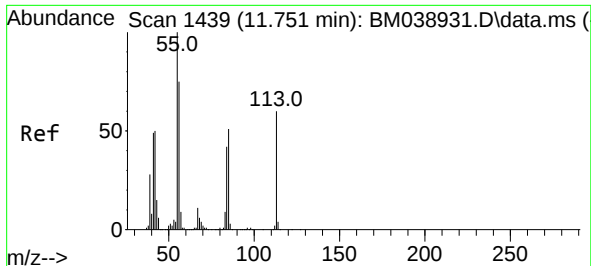
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#34
Hexachlorobutadiene
Concen: 3.498 ng
RT: 11.128 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

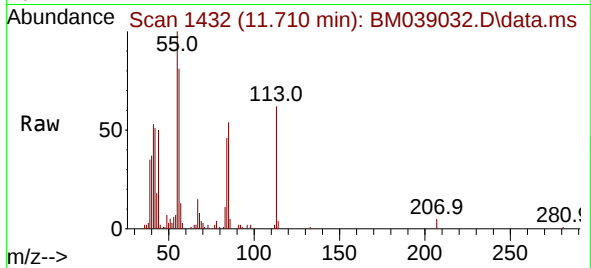
Tgt Ion:	225	Resp:	39528
Ion Ratio	Lower	Upper	
225	100		
223	64.7	51.3	76.9
227	62.3	50.6	76.0





#35
Caprolactam
Concen: 2.999 ng m
RT: 11.710 min Scan# 1439
Delta R.T. -0.029 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

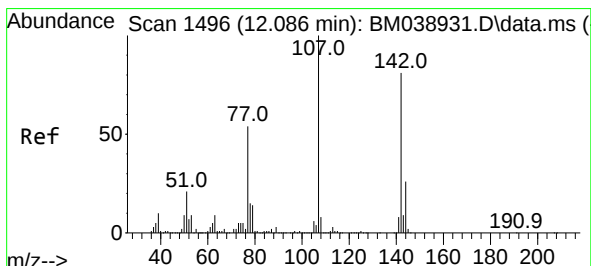
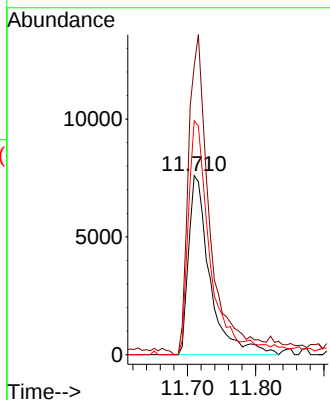
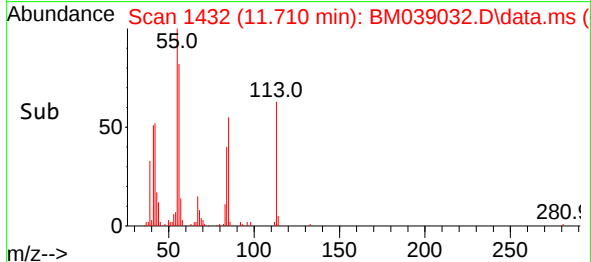
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:113 Resp: 16458
Ion Ratio Lower Upper
113 100
55 161.2 147.0 187.0
56 130.6 105.1 145.1

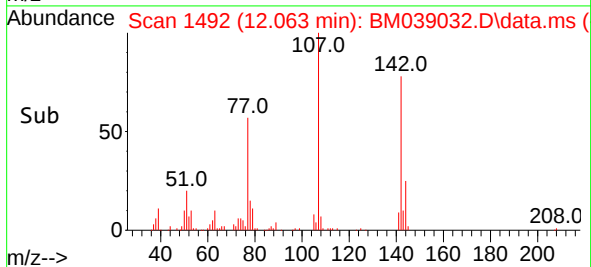
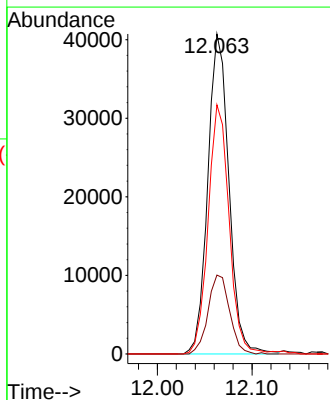
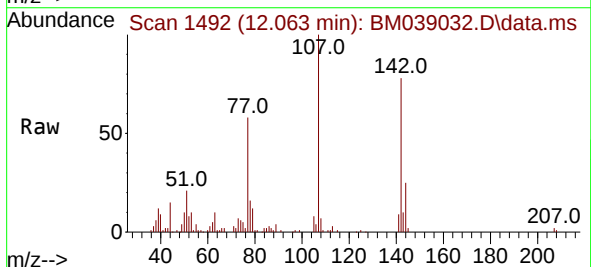
Manual Integrations
APPROVED

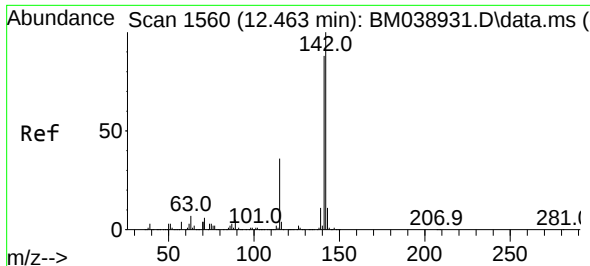
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#36
4-Chloro-3-methylphenol
Concen: 3.285 ng
RT: 12.063 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

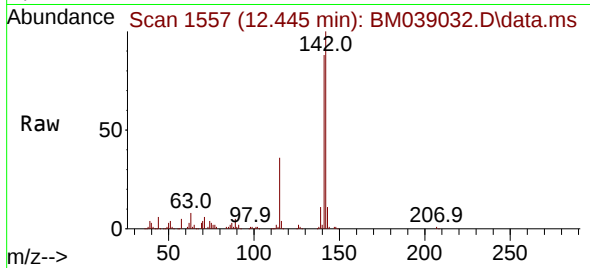
Tgt Ion:107 Resp: 63078
Ion Ratio Lower Upper
107 100
144 24.6 20.7 31.1
142 77.8 64.6 97.0





#37
2-Methylnaphthalene
Concen: 3.543 ng
RT: 12.445 min Scan# 1557
Delta R.T. 0.000 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

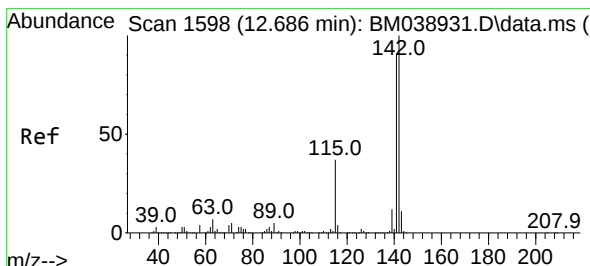
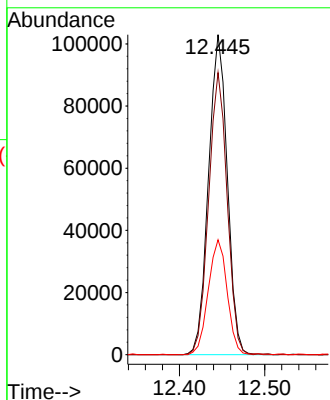
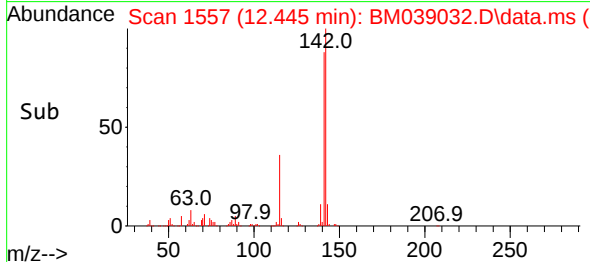
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



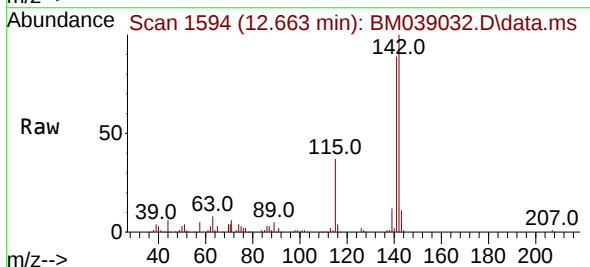
Tgt Ion:142 Resp: 157810
Ion Ratio Lower Upper
142 100
141 88.2 70.6 106.0
115 35.9 28.5 42.7

Manual Integrations
APPROVED

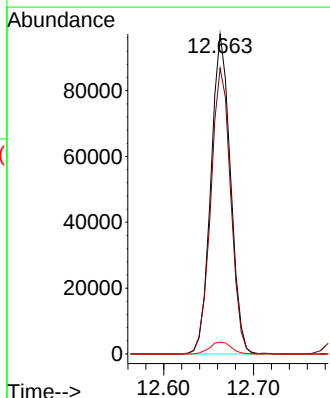
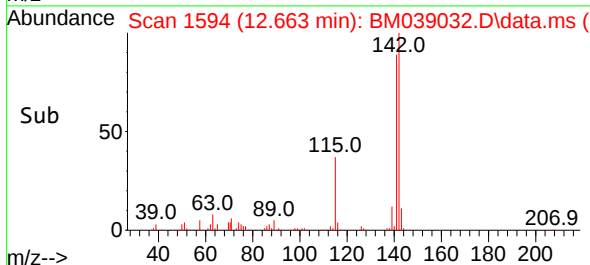
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023

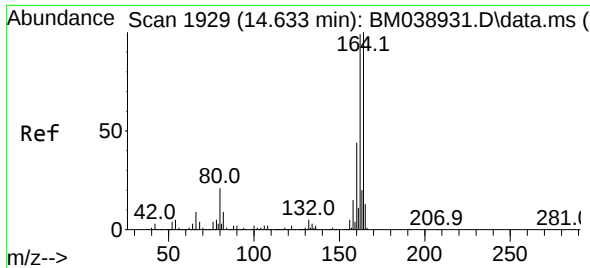


#38
1-Methylnaphthalene
Concen: 3.520 ng
RT: 12.663 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46



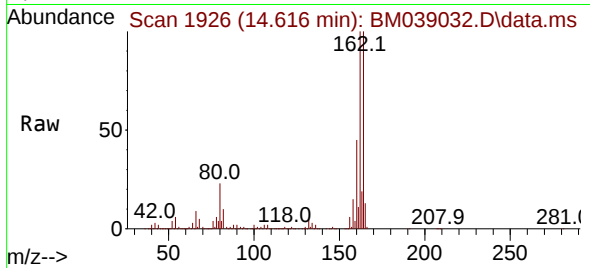
Tgt Ion:142 Resp: 146909
Ion Ratio Lower Upper
142 100
141 89.3 72.8 109.2
116 3.7 3.0 4.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.616 min Scan# 1619
Delta R.T. 0.000 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

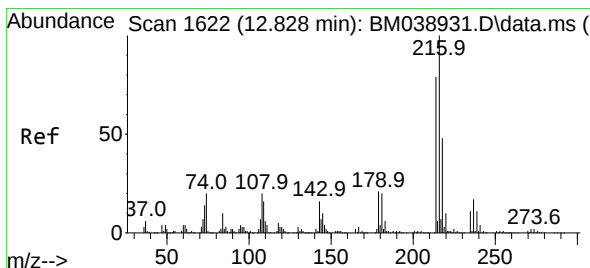
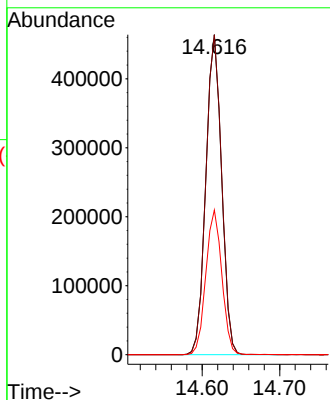
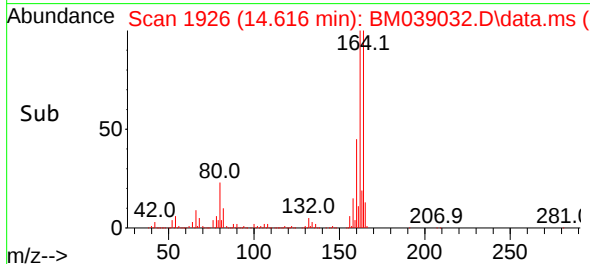
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:164 Resp: 653870
Ion Ratio Lower Upper
164 100
162 99.9 79.2 118.8
160 45.2 35.5 53.3

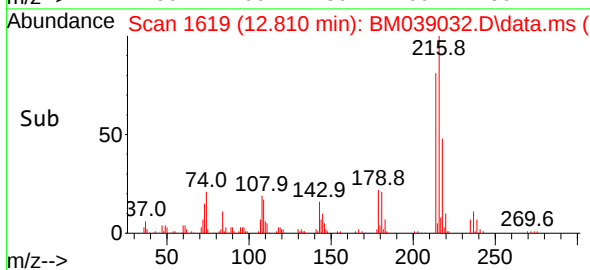
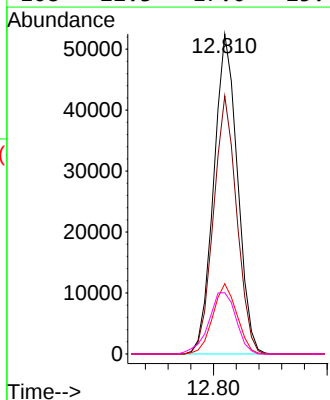
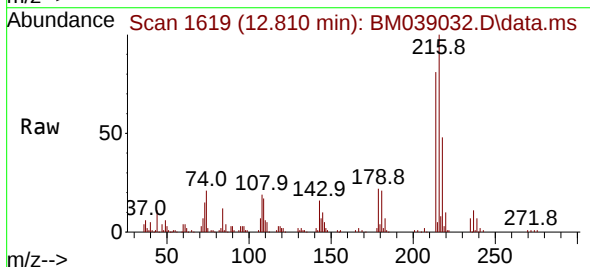
Manual Integrations
APPROVED

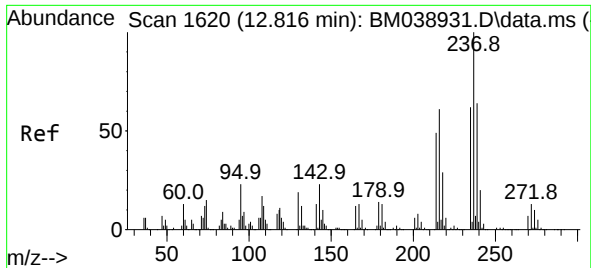
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.581 ng
RT: 12.810 min Scan# 1619
Delta R.T. -0.006 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

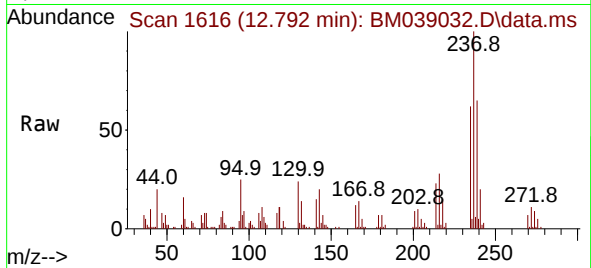
Tgt Ion:216 Resp: 76122
Ion Ratio Lower Upper
216 100
214 78.9 63.0 94.4
179 22.2 16.8 25.2
108 22.3 17.0 25.4





#41
Hexachlorocyclopentadiene
Concen: 3.787 ng
RT: 12.792 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

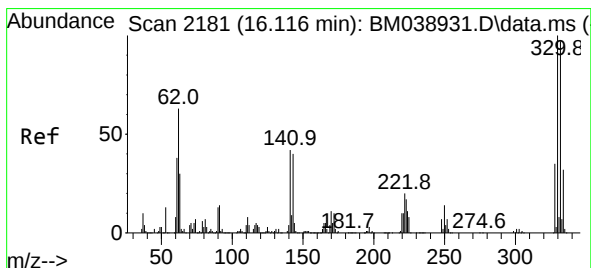
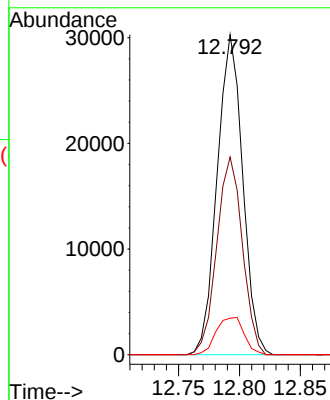
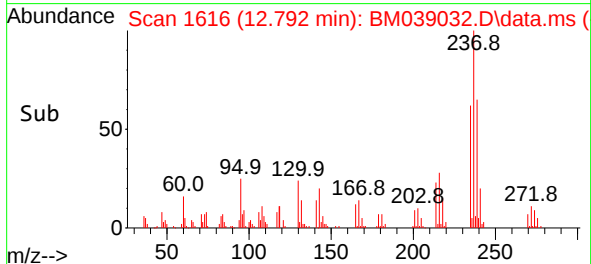
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



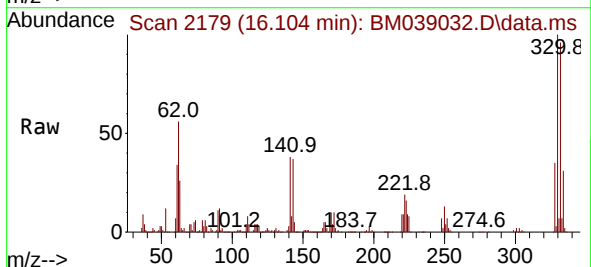
Tgt Ion:237 Resp: 44190
Ion Ratio Lower Upper
237 100
235 61.8 41.7 81.7
272 11.4 0.0 33.2

Manual Integrations
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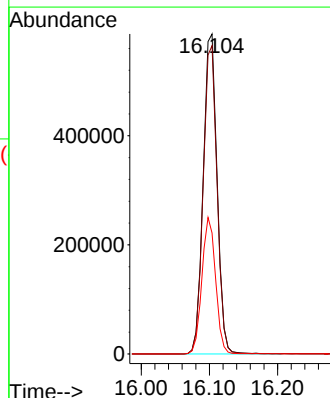
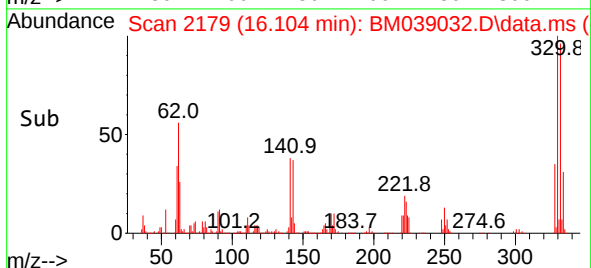
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023

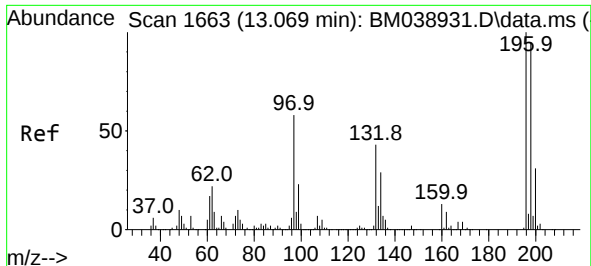


#42
2,4,6-Tribromophenol
Concen: 110.015 ng
RT: 16.104 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46



Tgt Ion:330 Resp: 832178
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.0
141 42.1 32.2 48.4





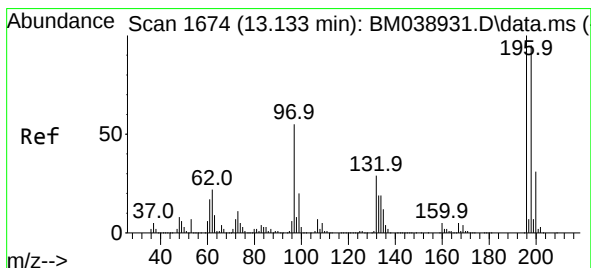
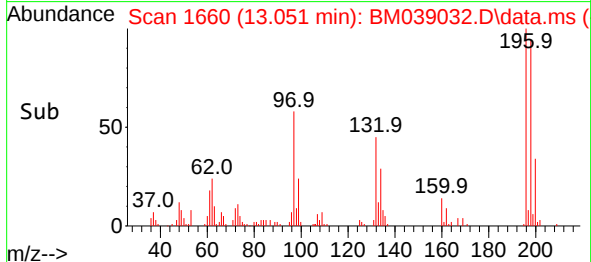
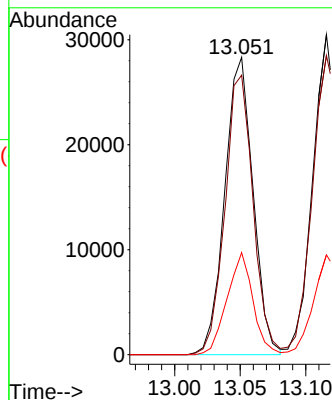
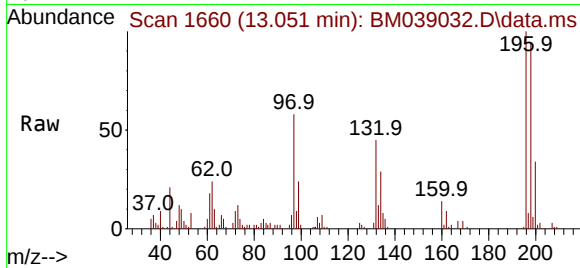
#43
2,4,6-Trichlorophenol
Concen: 3.084 ng
RT: 13.051 min Scan# 1660
Delta R.T. 0.000 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:196 Resp: 4245
Ion Ratio Lower Upper
196 100
198 94.0 75.8 113.8
200 34.3 25.0 37.4

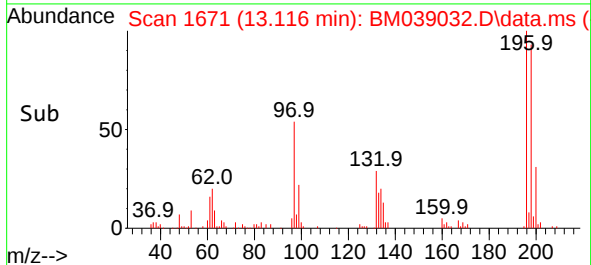
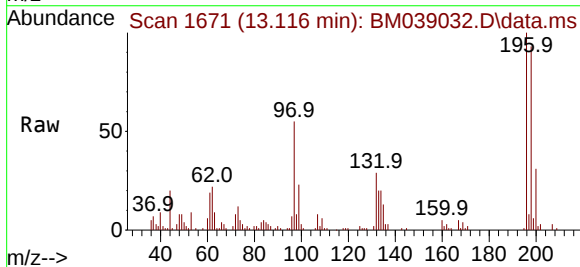
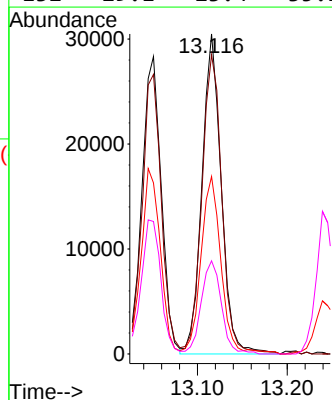
Manual Integrations
APPROVED

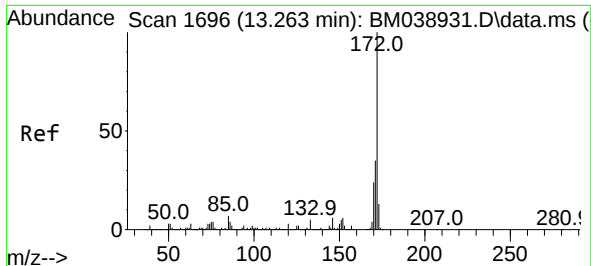
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#44
2,4,5-Trichlorophenol
Concen: 2.826 ng
RT: 13.116 min Scan# 1671
Delta R.T. -0.006 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

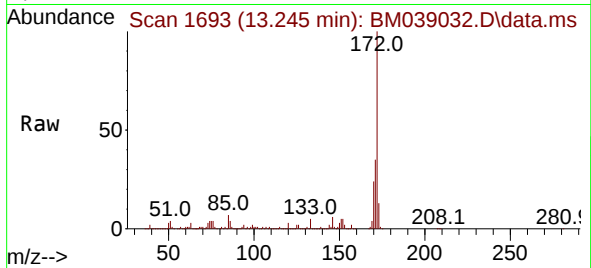
Tgt Ion:196 Resp: 45540
Ion Ratio Lower Upper
196 100
198 93.5 76.3 114.5
97 55.5 44.2 66.4
132 29.1 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 79.480 ng
RT: 13.245 min Scan# 1728
Delta R.T. 0.000 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

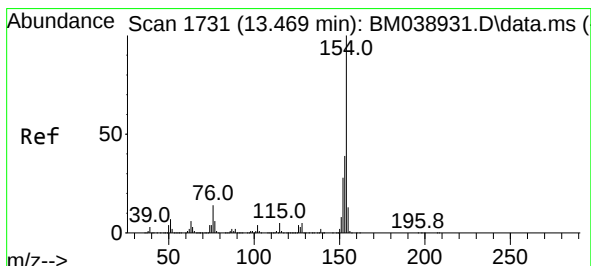
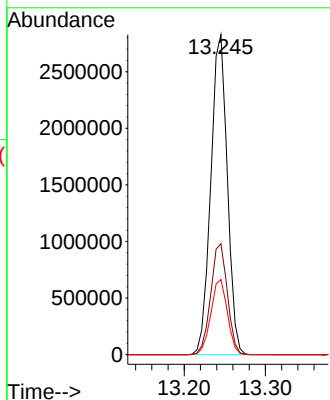
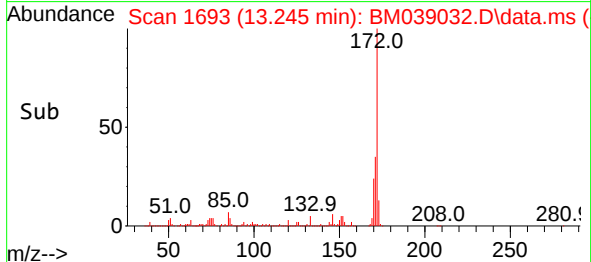
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:172 Resp: 399212
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.2
170 23.5 19.1 28.7

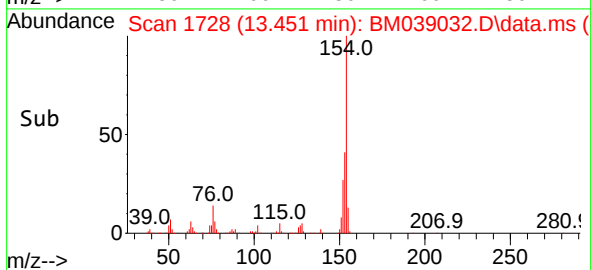
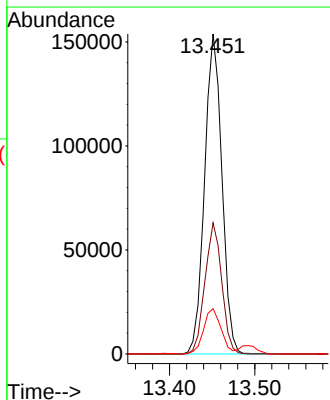
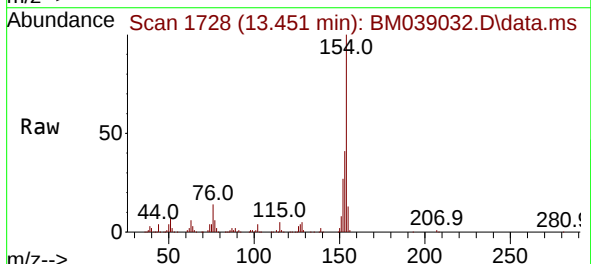
Manual Integrations
APPROVED

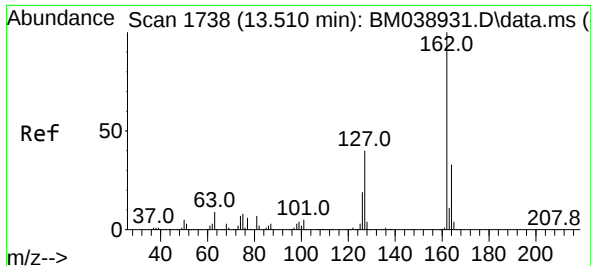
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#46
1,1'-Biphenyl
Concen: 3.924 ng
RT: 13.451 min Scan# 1728
Delta R.T. -0.006 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

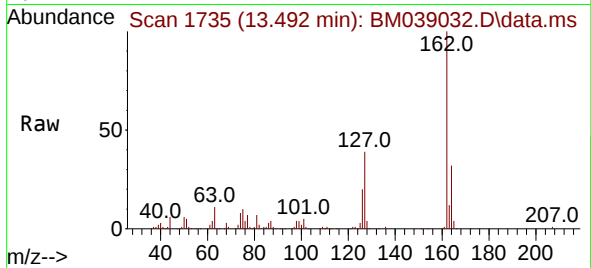
Tgt Ion:154 Resp: 217383
Ion Ratio Lower Upper
154 100
153 40.9 19.3 59.3
76 14.2 0.0 34.0





#47
2-Chloronaphthalene
Concen: 3.737 ng
RT: 13.492 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

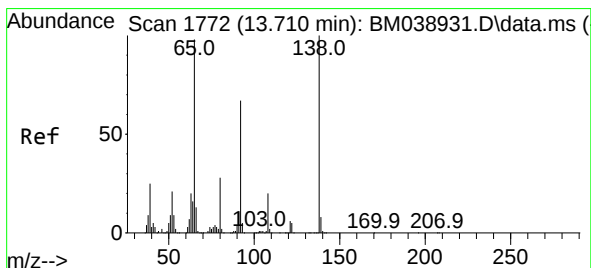
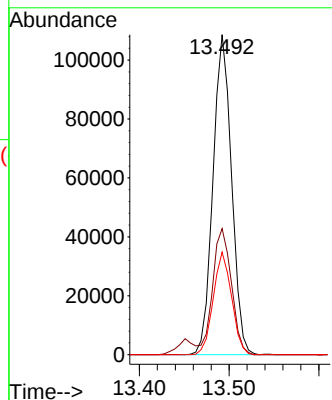
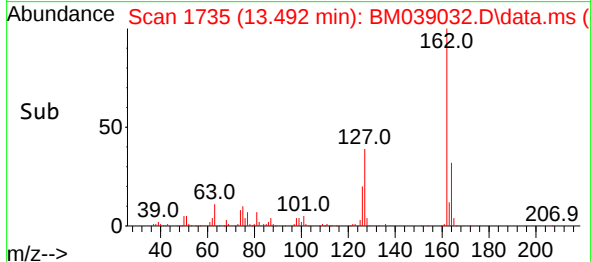
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:162 Resp: 15608
Ion Ratio Lower Upper
162 100
127 39.4 32.1 48.1
164 32.1 26.2 39.4

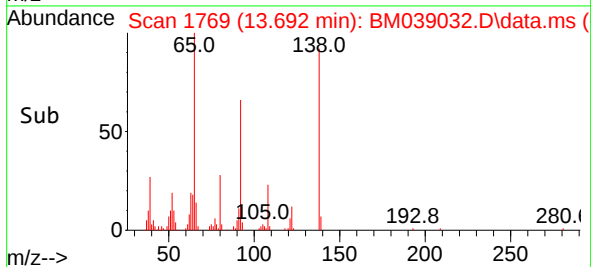
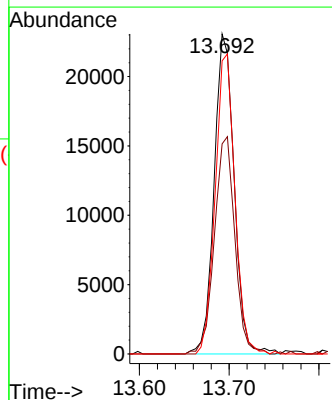
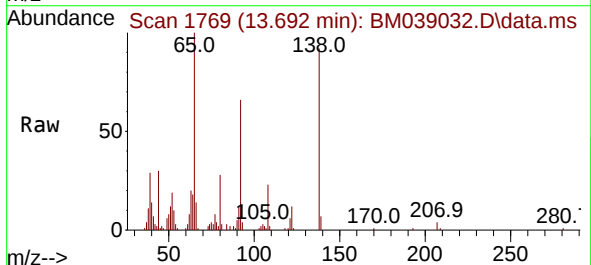
Manual Integrations
APPROVED

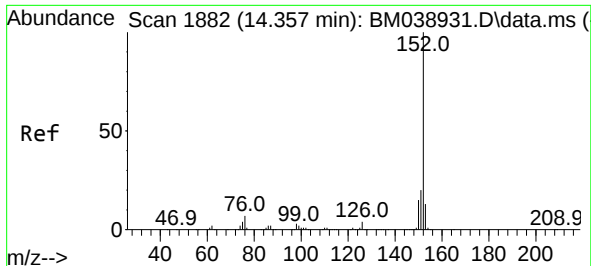
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#48
2-Nitroaniline
Concen: 4.760 ng
RT: 13.692 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

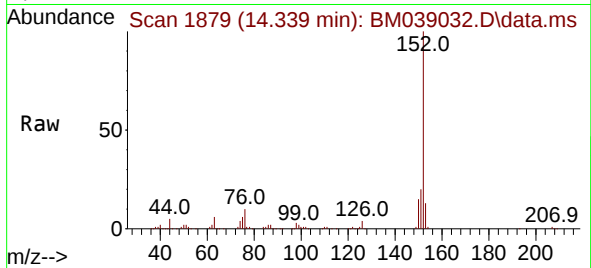
Tgt Ion: 65 Resp: 35682
Ion Ratio Lower Upper
65 100
92 65.6 54.9 82.3
138 91.6 81.6 122.4





#49
Acenaphthylene
Concen: 3.332 ng
RT: 14.339 min Scan# 1879
Delta R.T. 0.000 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

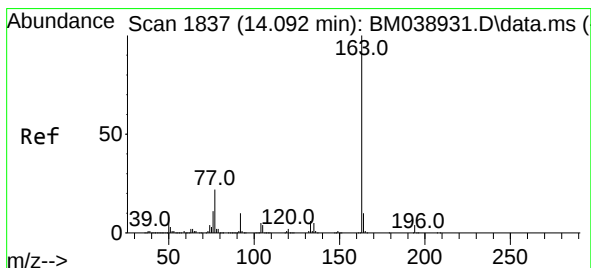
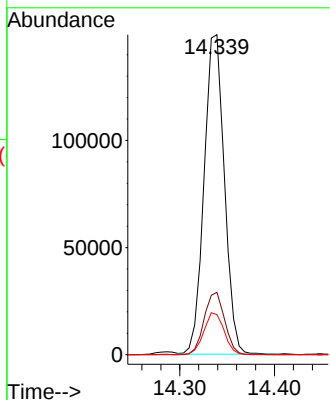
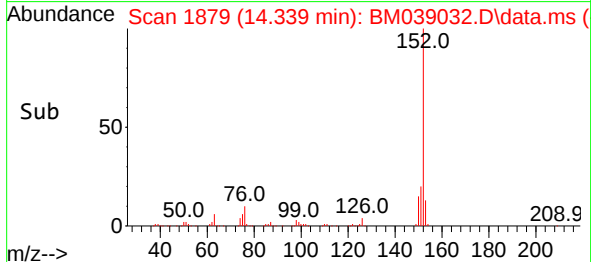
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:152 Resp: 221674
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.8
153 12.5 10.4 15.6

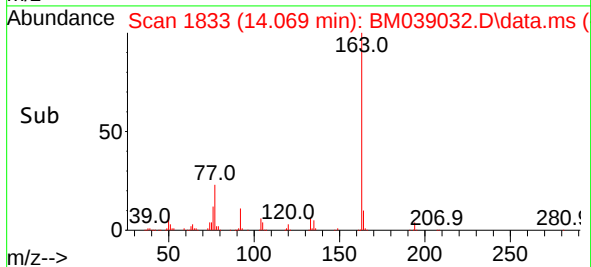
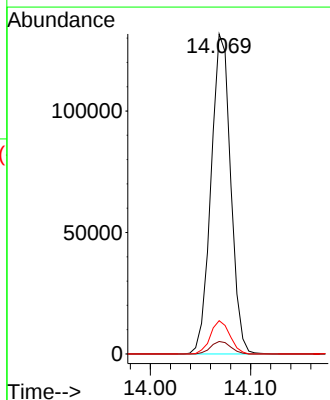
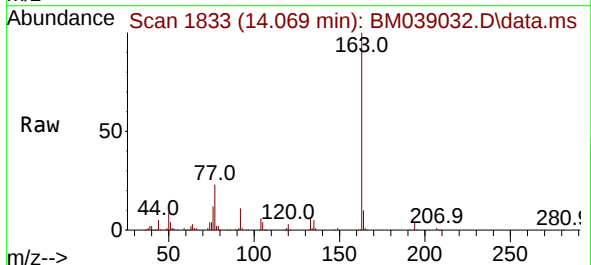
Manual Integrations
APPROVED

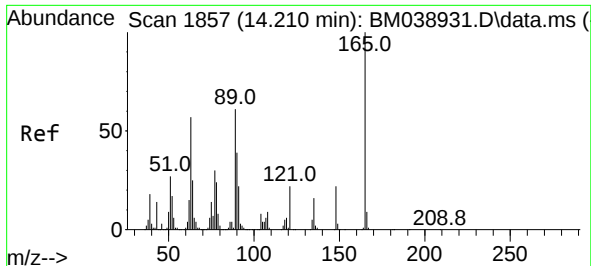
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#50
Dimethylphthalate
Concen: 3.559 ng
RT: 14.069 min Scan# 1833
Delta R.T. -0.006 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

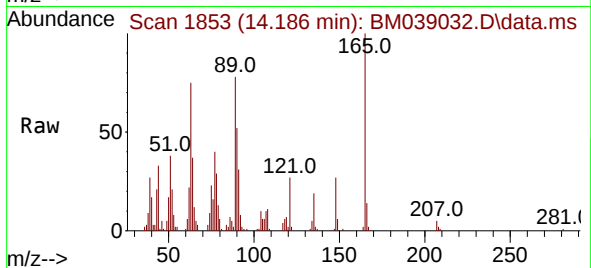
Tgt Ion:163 Resp: 179063
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.4 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 4.049 ng
RT: 14.186 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

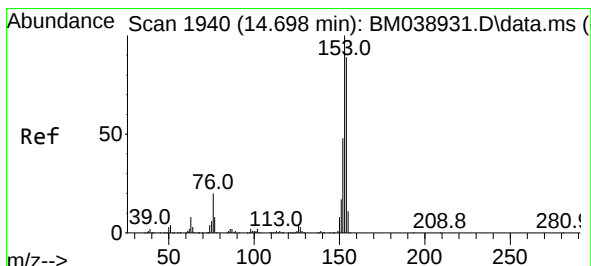
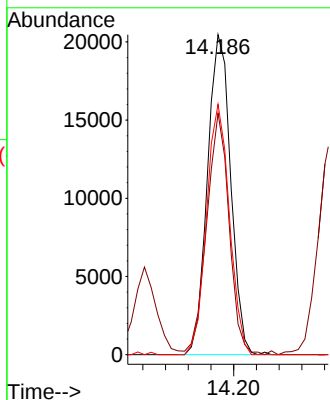
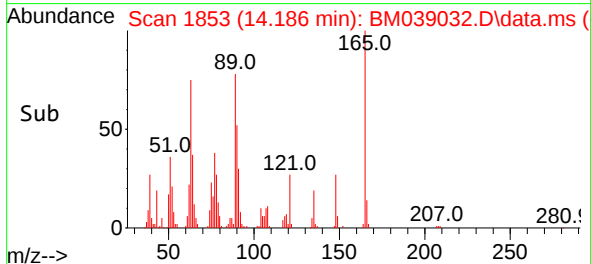
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion:165 Resp: 29020
Ion Ratio Lower Upper
165 100
63 75.5 46.6 70.0
89 78.2 48.6 73.0

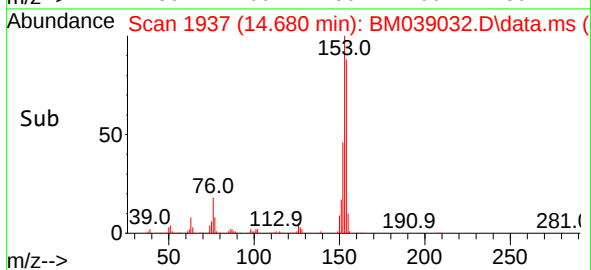
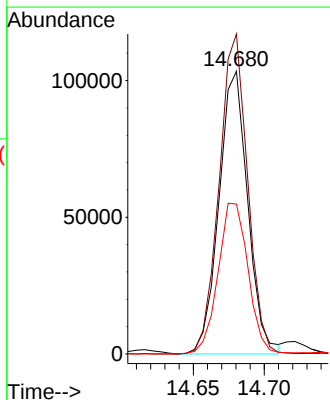
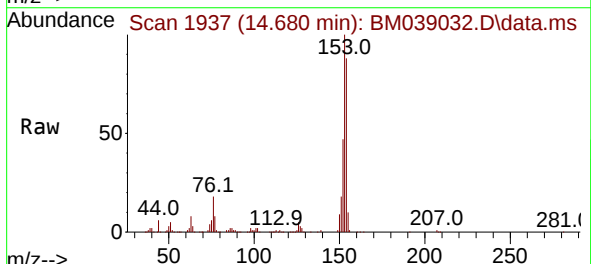
Manual Integrations
APPROVED

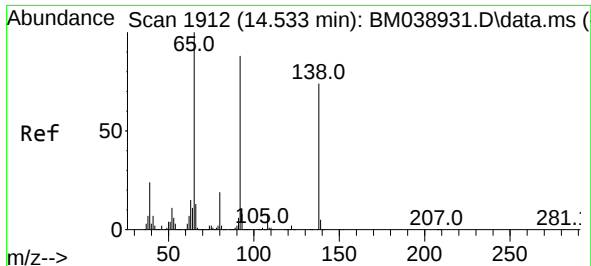
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#52
Acenaphthene
Concen: 3.570 ng
RT: 14.680 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

Tgt Ion:154 Resp: 145983
Ion Ratio Lower Upper
154 100
153 113.2 90.2 135.2
152 53.0 43.4 65.2





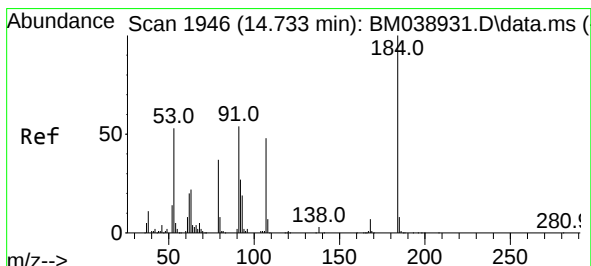
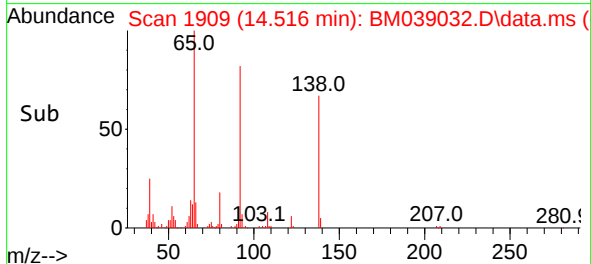
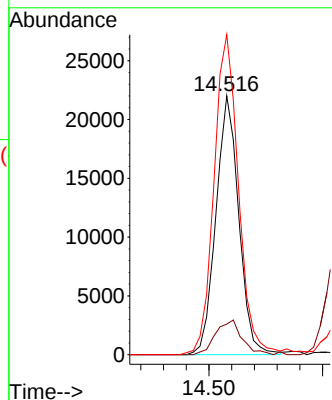
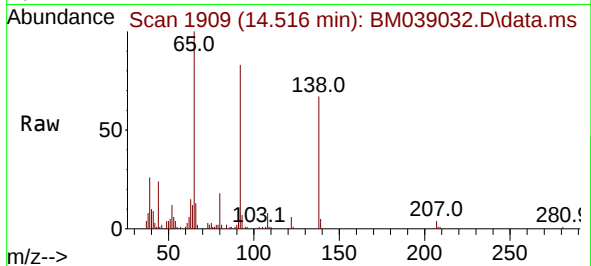
#53
3-Nitroaniline
Concen: 3.880 ng
RT: 14.516 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:138 Resp: 3082
Ion Ratio Lower Upper
138 100
108 11.8 8.3 12.5
92 123.6 95.8 143.8

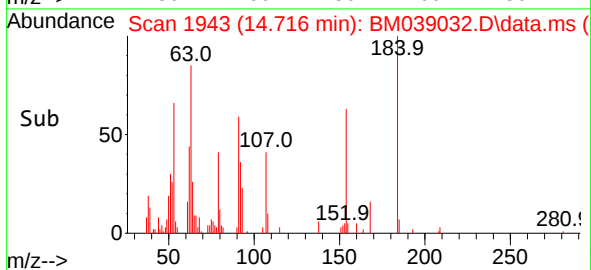
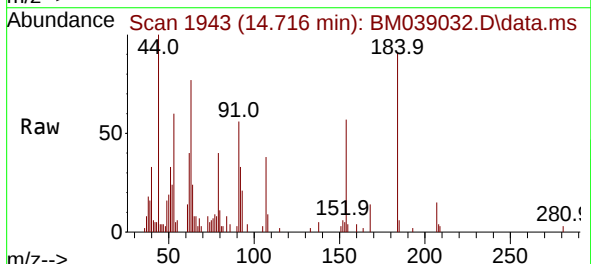
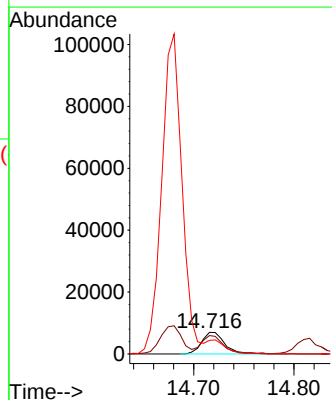
Manual Integrations
APPROVED

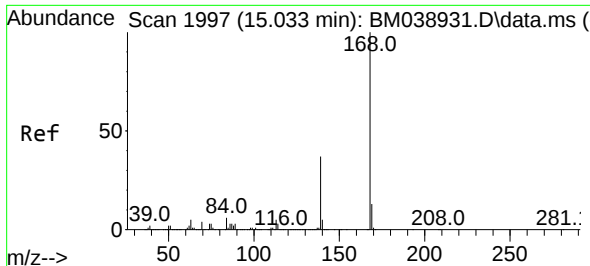
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#54
2,4-Dinitrophenol
Concen: 6.803 ng
RT: 14.716 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

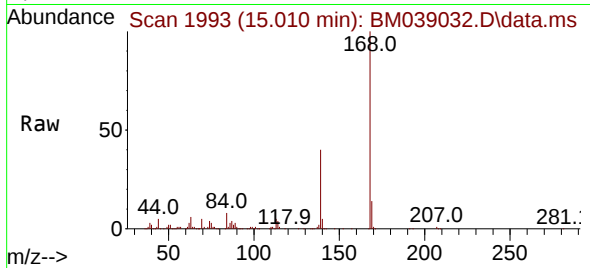
Tgt Ion:184 Resp: 11026
Ion Ratio Lower Upper
184 100
63 85.2 60.6 90.8
154 63.2 51.4 77.2





#55
Dibenzofuran
Concen: 3.607 ng
RT: 15.010 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

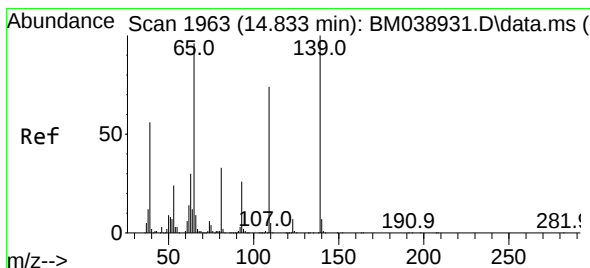
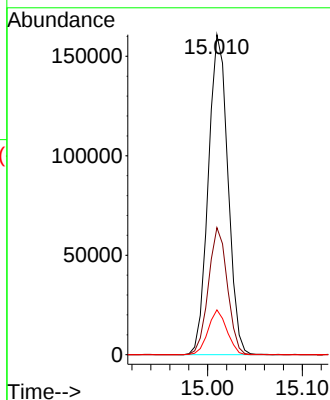
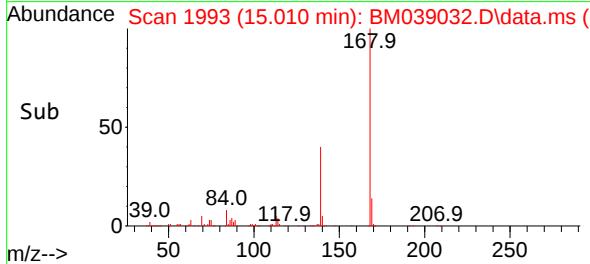
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



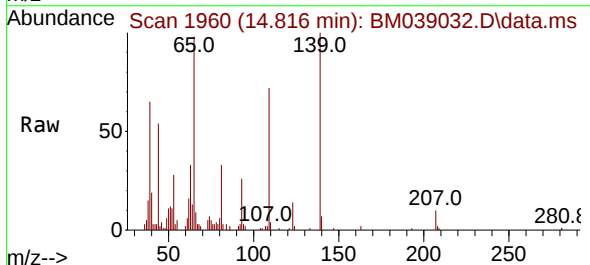
Tgt Ion:168 Resp: 23080
Ion Ratio Lower Upper
168 100
139 39.7 29.9 44.9
169 14.0 10.7 16.1

Manual Integrations
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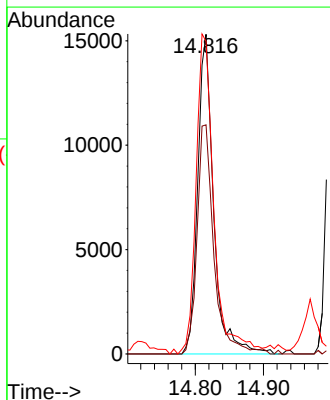
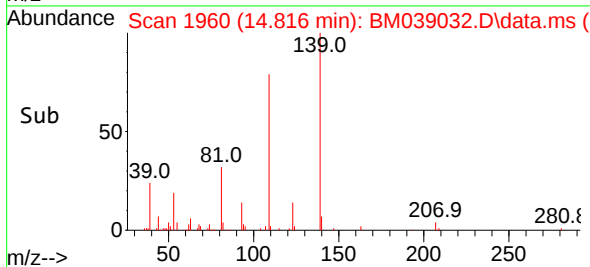
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023

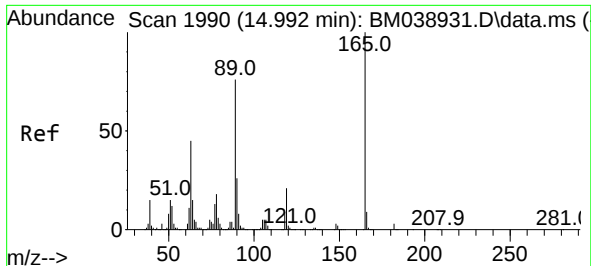


#56
4-Nitrophenol
Concen: 2.487 ng
RT: 14.816 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46



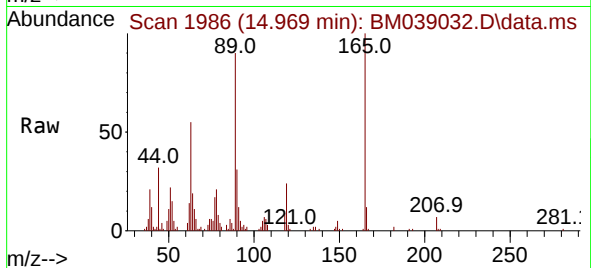
Tgt Ion:139 Resp: 24847
Ion Ratio Lower Upper
139 100
109 71.6 53.5 93.5
65 97.8 76.4 116.4





#57
2,4-Dinitrotoluene
Concen: 4.289 ng
RT: 14.969 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

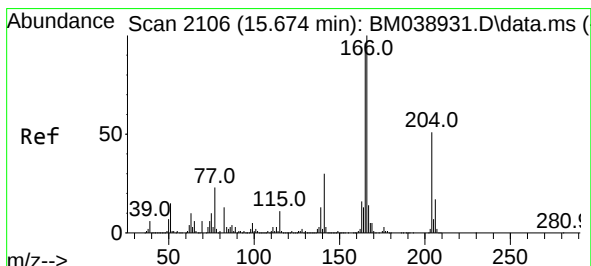
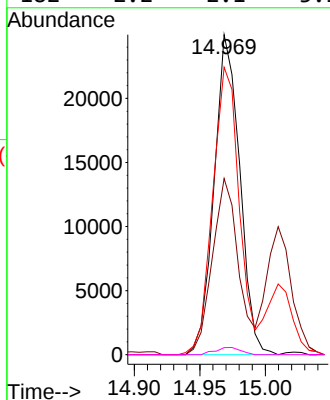
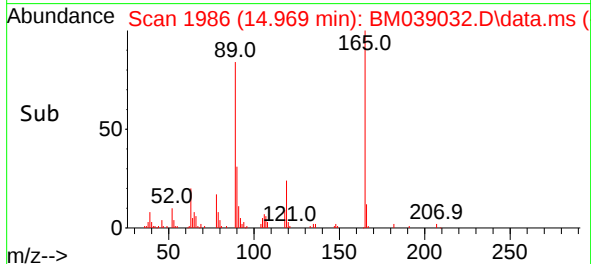
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



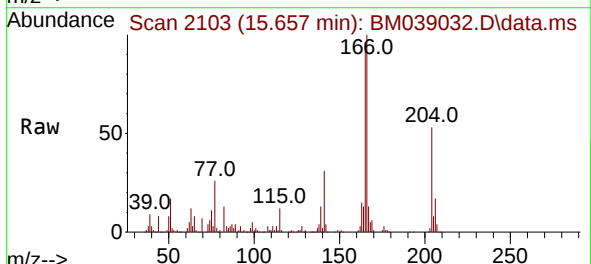
Tgt Ion:165 Resp: 3394
Ion Ratio Lower Upper
165 100
63 55.1 35.9 53.9
89 89.8 61.0 91.6
182 2.2 2.1 3.1

Manual Integrations
APPROVED

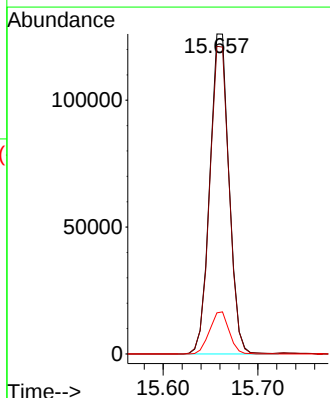
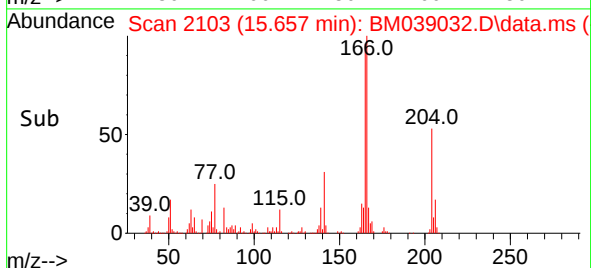
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023

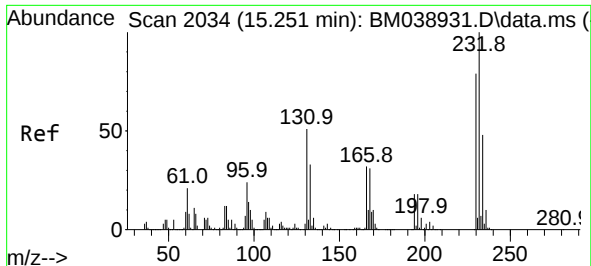


#58
Fluorene
Concen: 3.539 ng
RT: 15.657 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46



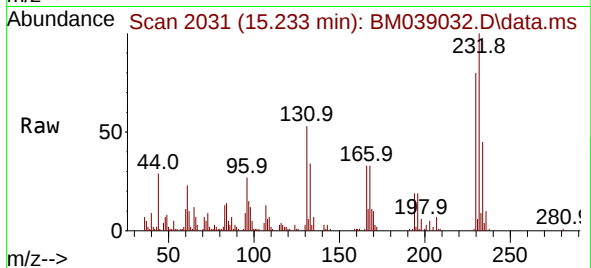
Tgt Ion:166 Resp: 177379
Ion Ratio Lower Upper
166 100
165 96.2 77.1 115.7
167 12.8 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.168 ng
RT: 15.233 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

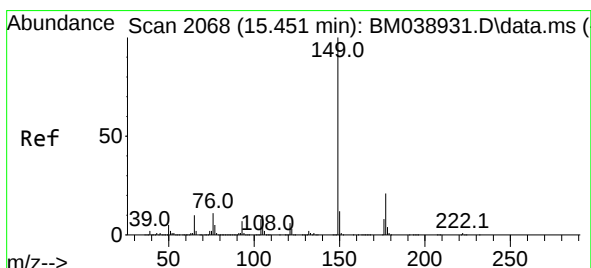
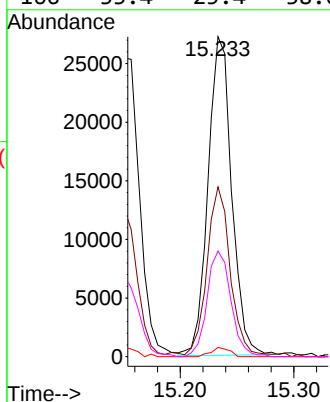
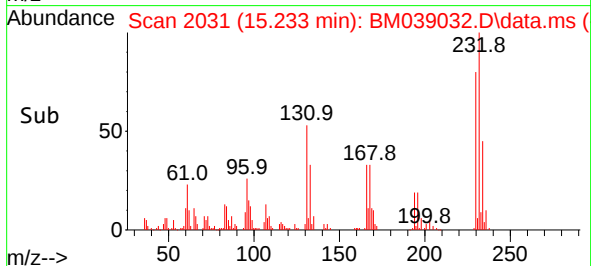
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion:232 Resp: 39369
Ion Ratio Lower Upper
232 100
131 53.5 40.0 60.0
130 2.3 2.0 3.0
166 33.4 25.4 38.0

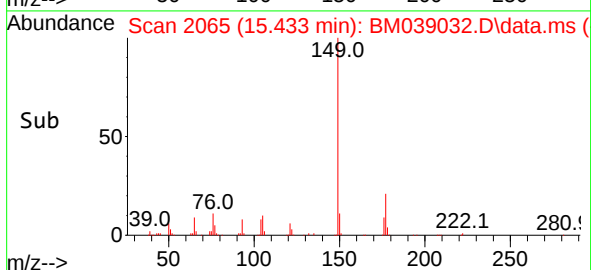
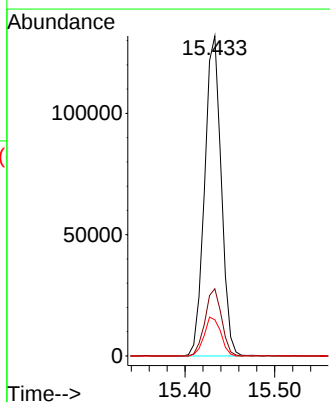
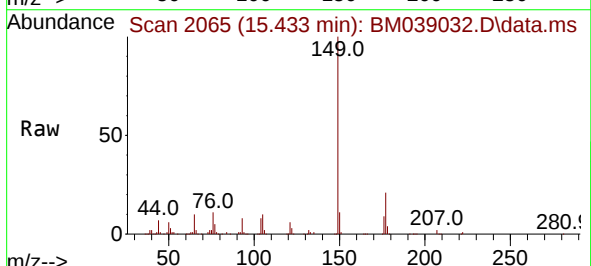
Manual Integrations
APPROVED

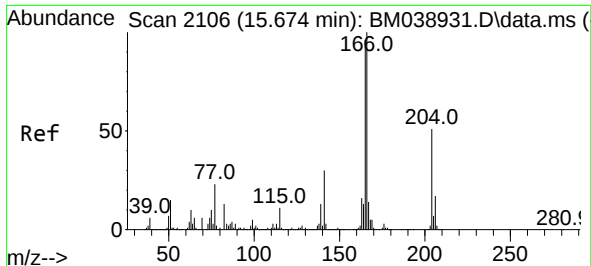
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#60
Diethylphthalate
Concen: 3.452 ng
RT: 15.433 min Scan# 2065
Delta R.T. -0.006 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

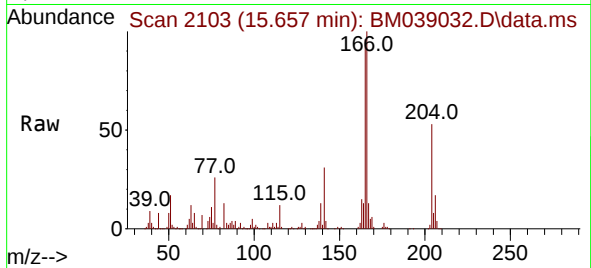
Tgt Ion:149 Resp: 168983
Ion Ratio Lower Upper
149 100
177 21.0 17.1 25.7
150 11.3 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 3.520 ng
RT: 15.657 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

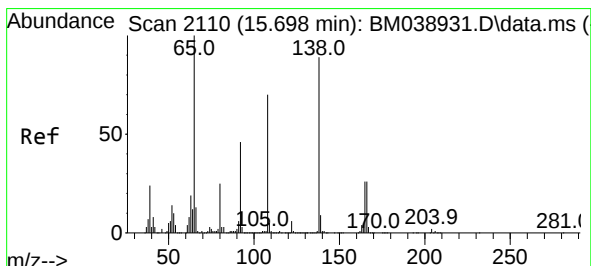
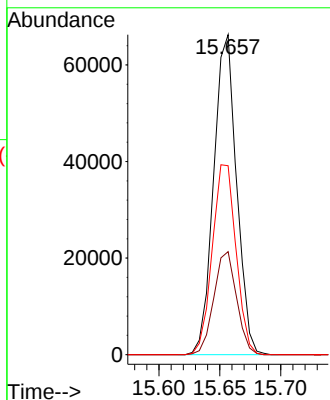
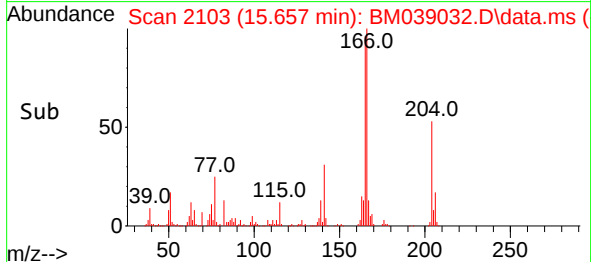
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



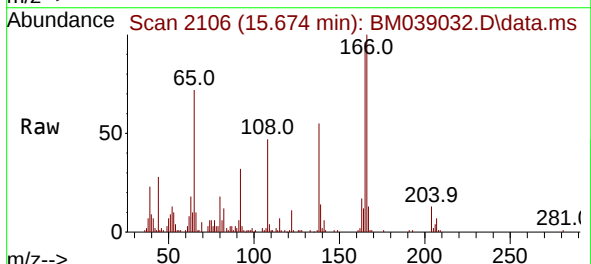
Tgt Ion:204 Resp: 8667
Ion Ratio Lower Upper
204 100
206 32.2 26.4 39.6
141 59.0 46.4 69.6

Manual Integrations
APPROVED

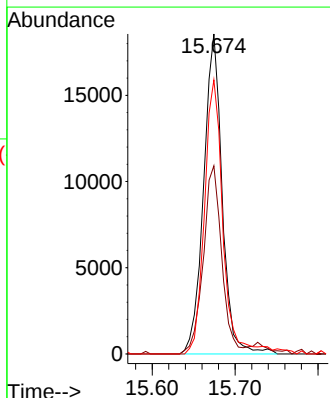
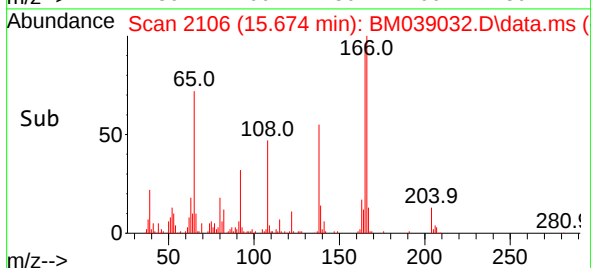
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023

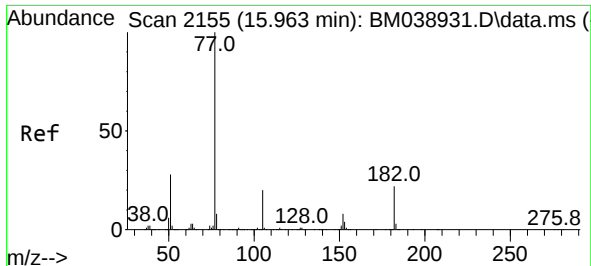


#62
4-Nitroaniline
Concen: 3.849 ng m
RT: 15.674 min Scan# 2106
Delta R.T. -0.012 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46



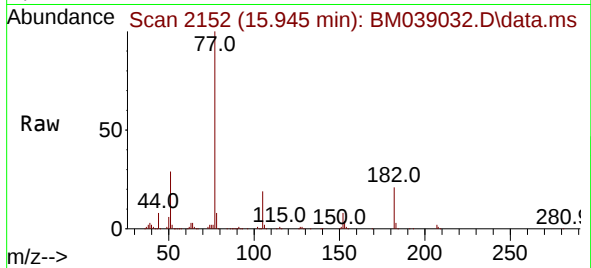
Tgt Ion:138 Resp: 28870
Ion Ratio Lower Upper
138 100
92 58.8 31.6 71.6
108 85.6 58.6 98.6





#63
Azobenzene
Concen: 3.219 ng
RT: 15.945 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

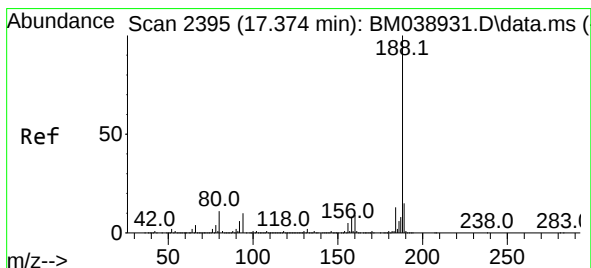
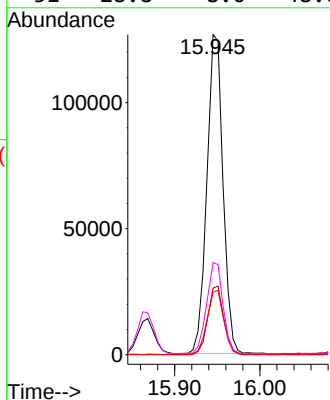
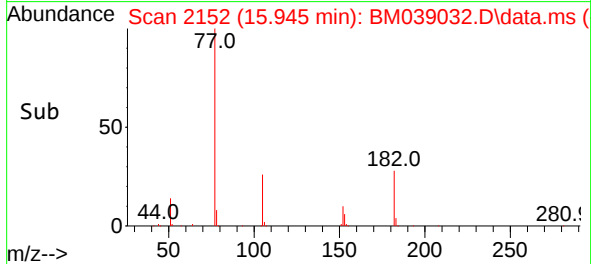
Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 77 Resp: 16673
Ion Ratio Lower Upper
77 100
182 20.8 2.0 42.0
105 19.5 0.4 40.4
51 28.8 8.0 48.0

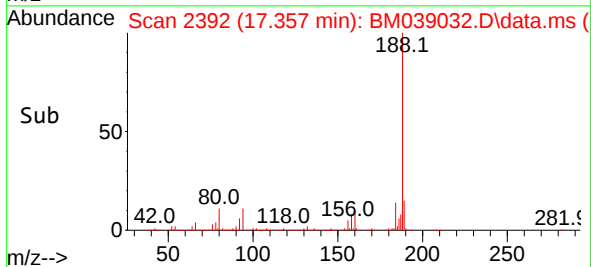
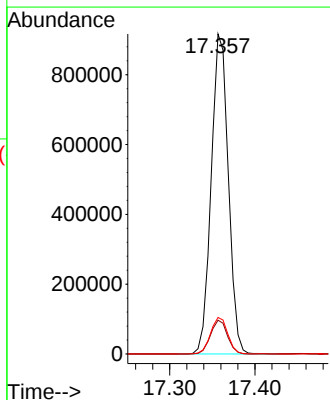
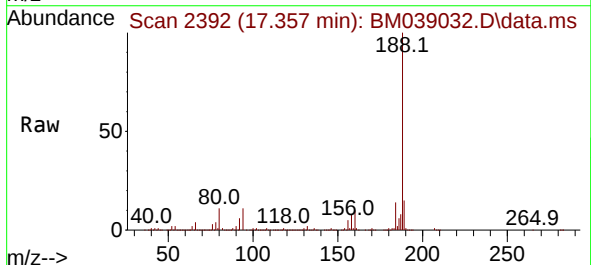
Manual Integrations
APPROVED

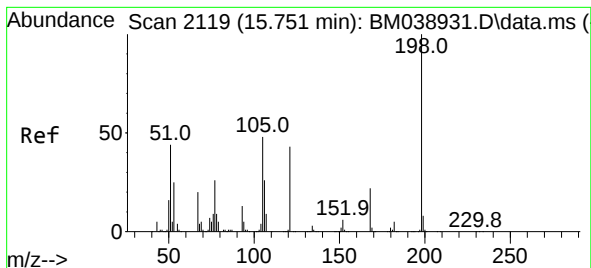
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.357 min Scan# 2392
Delta R.T. -0.006 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

Tgt Ion:188 Resp: 1276559
Ion Ratio Lower Upper
188 100
94 10.5 7.9 11.9
80 11.4 8.5 12.7





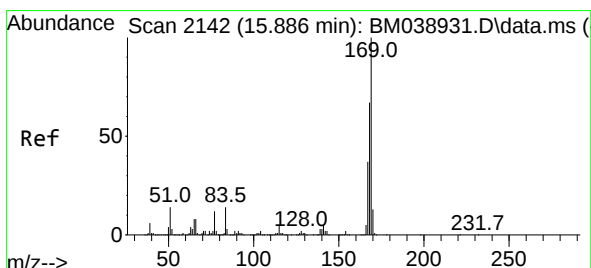
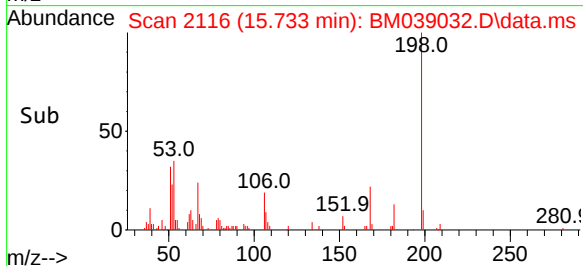
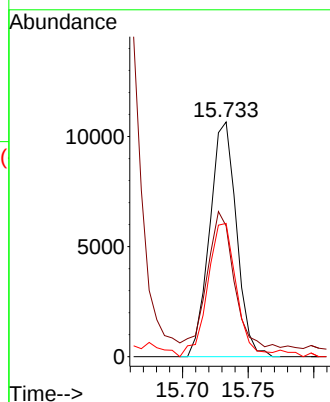
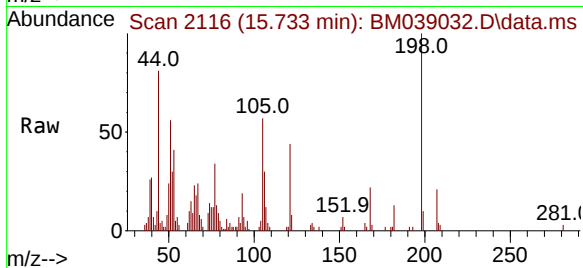
#65
4,6-Dinitro-2-methylphenol
Concen: 6.702 ng
RT: 15.733 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:198 Resp: 1514
Ion Ratio Lower Upper
198 100
51 55.7 30.1 70.1
105 56.8 29.3 69.3

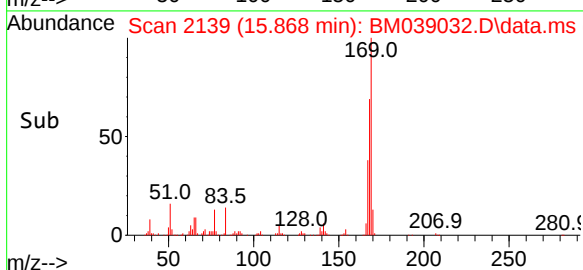
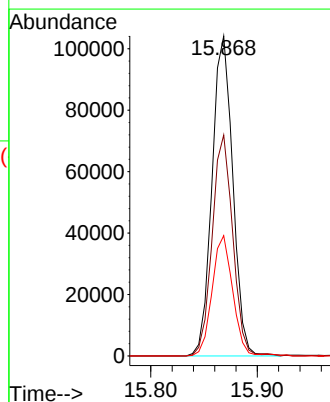
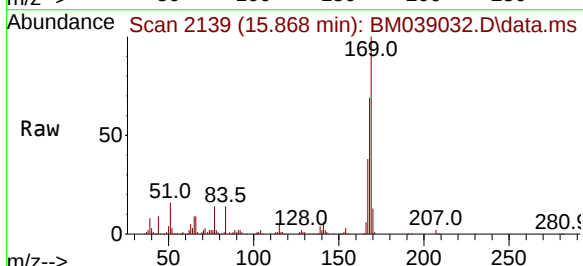
Manual Integrations
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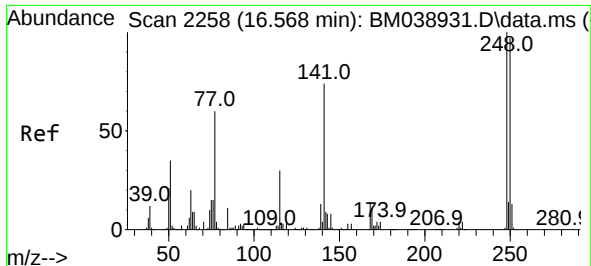
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#66
n-Nitrosodiphenylamine
Concen: 3.269 ng
RT: 15.868 min Scan# 2139
Delta R.T. -0.006 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

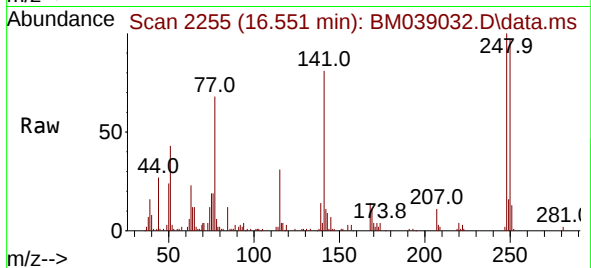
Tgt Ion:169 Resp: 140698
Ion Ratio Lower Upper
169 100
168 69.1 53.4 80.0
167 37.6 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 3.320 ng
RT: 16.551 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

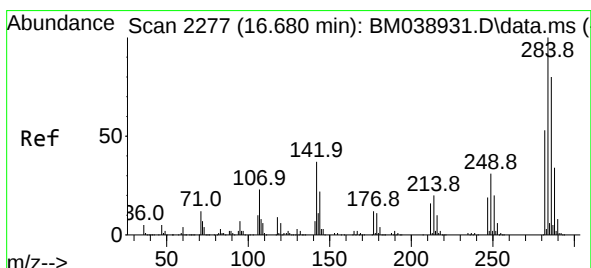
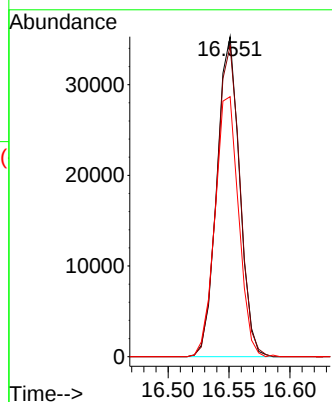
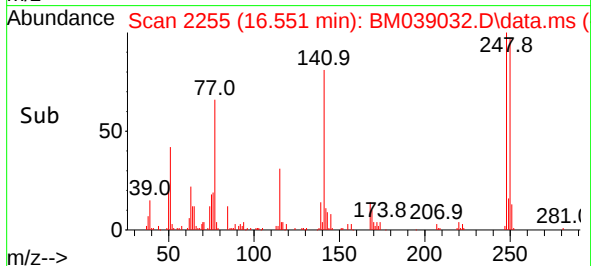
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:248 Resp: 4577
Ion Ratio Lower Upper
248 100
250 97.1 77.8 116.8
141 81.3 59.0 88.4

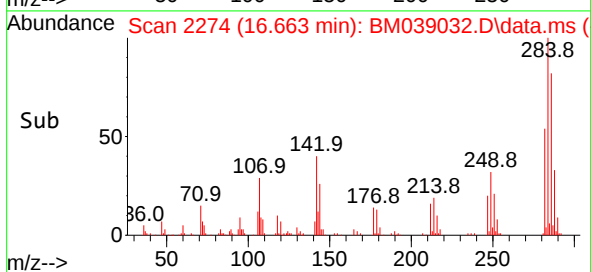
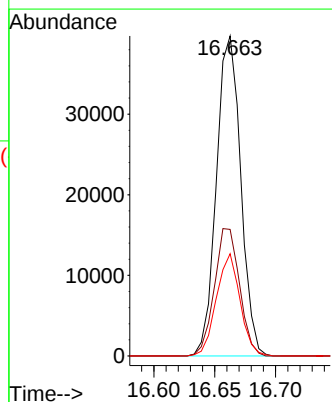
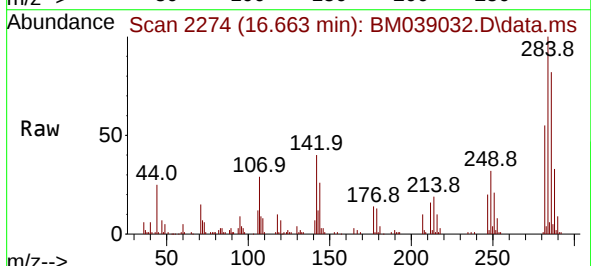
Manual Integrations
APPROVED

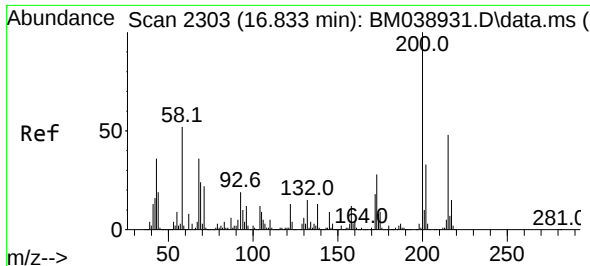
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#68
Hexachlorobenzene
Concen: 3.574 ng
RT: 16.663 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

Tgt Ion:284 Resp: 55095
Ion Ratio Lower Upper
284 100
142 39.6 29.5 44.3
249 31.9 25.0 37.4





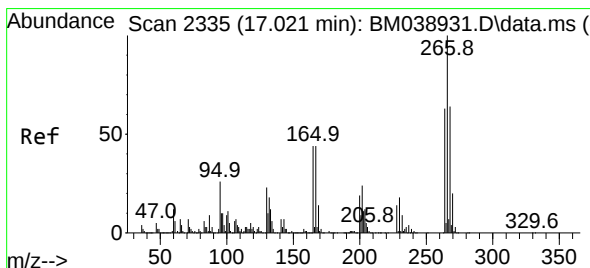
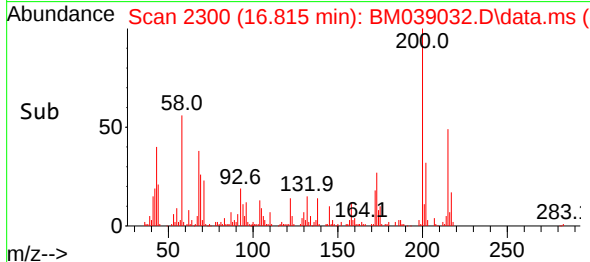
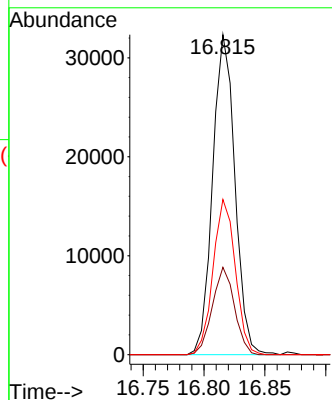
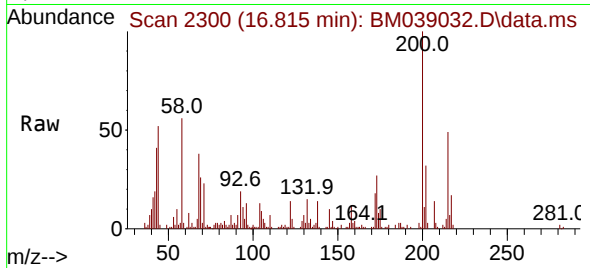
#69
 Atrazine
 Concen: 3.498 ng
 RT: 16.815 min Scan# 2114
 Delta R.T. -0.006 min
 Lab File: BM039032.D
 Acq: 17 Mar 2023 12:46

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

Tgt Ion:200 Resp: 41114
 Ion Ratio Lower Upper
 200 100
 173 27.3 8.2 48.2
 215 48.5 27.8 67.8

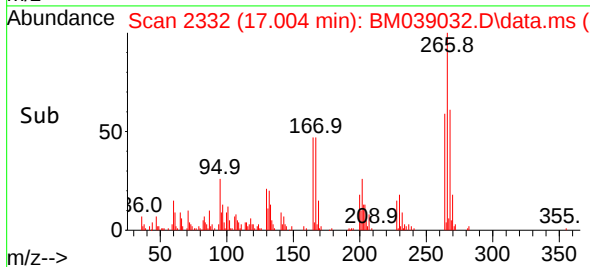
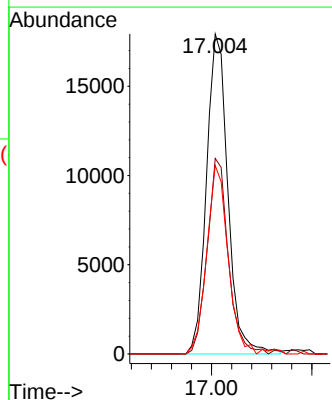
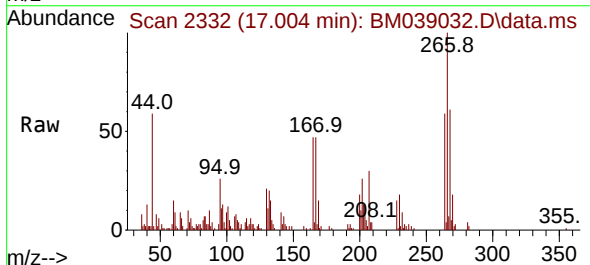
Manual Integrations
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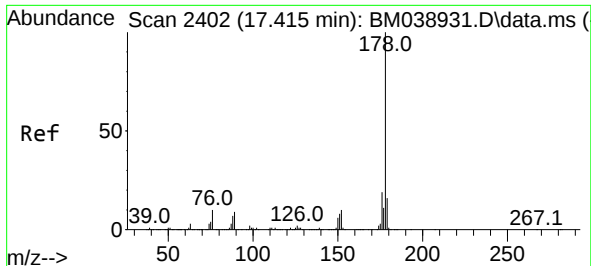
Reviewed By :Christian Giraldo 03/20/2023
 Supervised By :Jagrut Upadhyay 03/20/2023



#70
 Pentachlorophenol
 Concen: 2.351 ng
 RT: 17.004 min Scan# 2332
 Delta R.T. -0.006 min
 Lab File: BM039032.D
 Acq: 17 Mar 2023 12:46

Tgt Ion:266 Resp: 26650
 Ion Ratio Lower Upper
 266 100
 268 61.1 51.0 76.4
 264 58.9 50.3 75.5





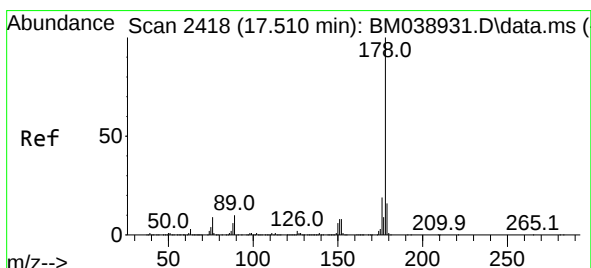
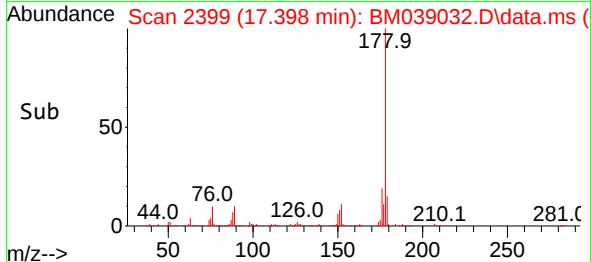
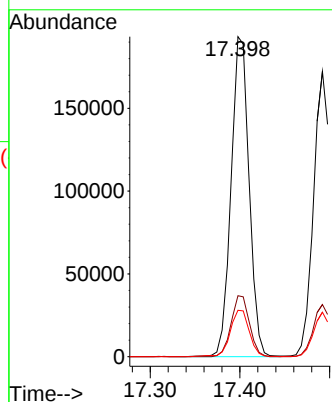
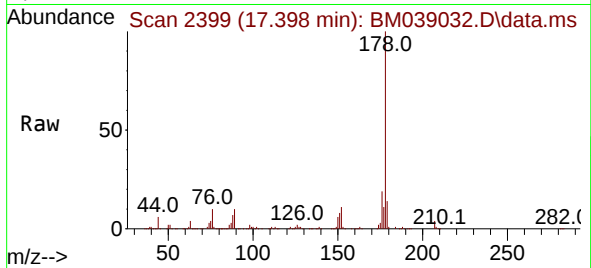
#71
Phenanthrene
Concen: 3.598 ng
RT: 17.398 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:178 Resp: 26953
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 14.5 12.5 18.7

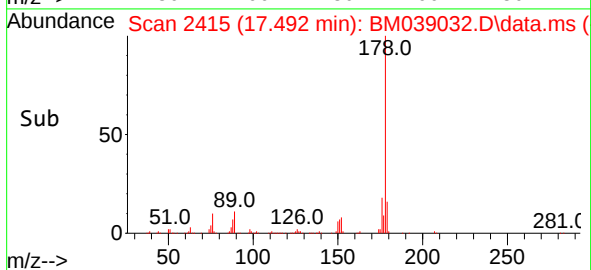
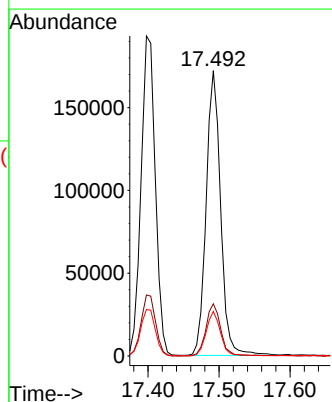
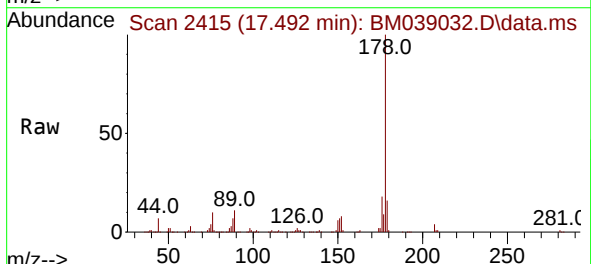
Manual Integrations
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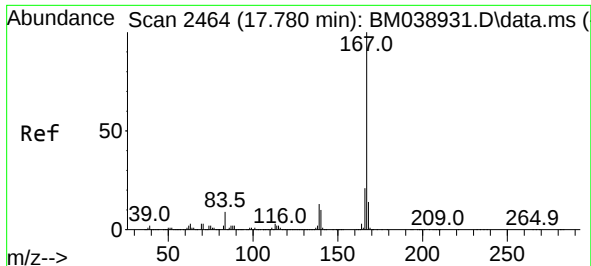
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#72
Anthracene
Concen: 3.269 ng
RT: 17.492 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

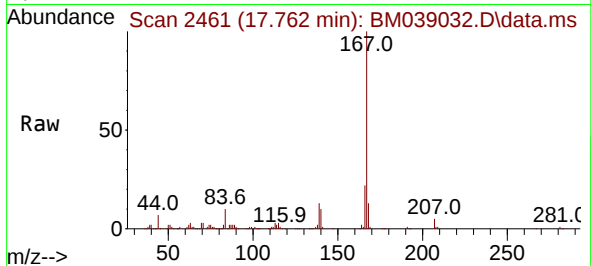
Tgt Ion:178 Resp: 244278
Ion Ratio Lower Upper
178 100
176 18.3 15.3 22.9
179 15.6 12.5 18.7





#73
 Carbazole
 Concen: 3.250 ng
 RT: 17.762 min Scan# 2461
 Delta R.T. 0.000 min
 Lab File: BM039032.D
 Acq: 17 Mar 2023 12:46

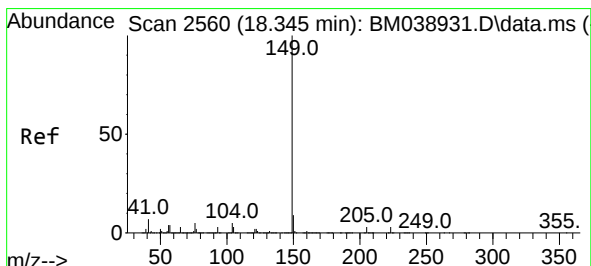
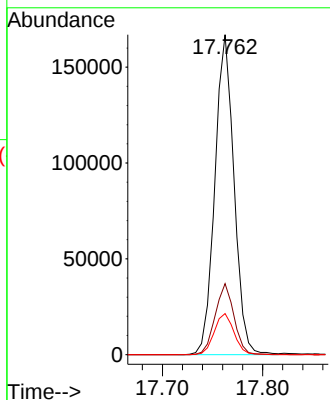
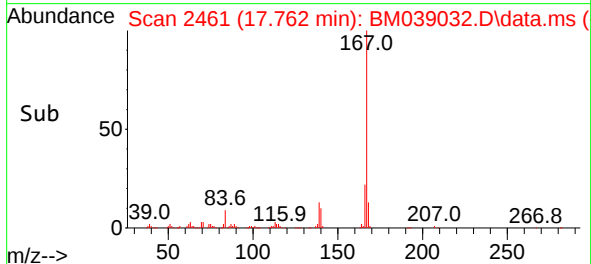
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023



Tgt Ion:167 Resp: 221649
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.0 25.4
 139 12.9 10.3 15.5

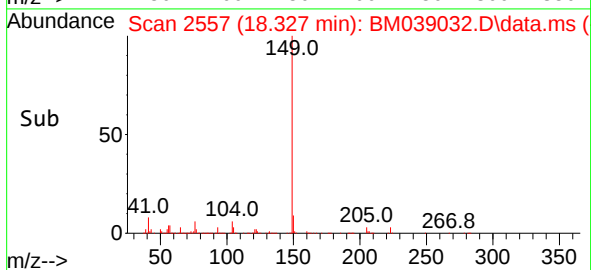
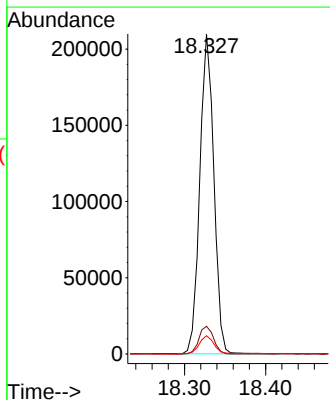
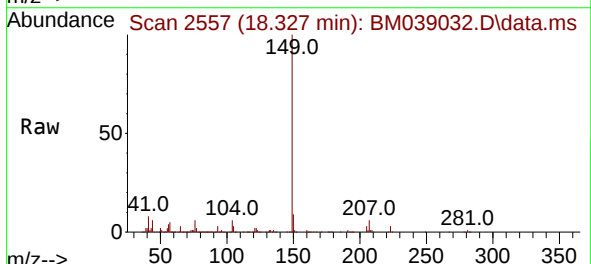
Manual Integrations
 APPROVED

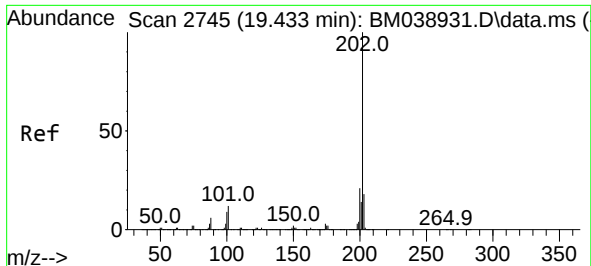
Reviewed By :Christian Giraldo 03/20/2023
 Supervised By :Jagrut Upadhyay 03/20/2023



#74
 Di-n-butylphthalate
 Concen: 4.703 ng
 RT: 18.327 min Scan# 2557
 Delta R.T. 0.000 min
 Lab File: BM039032.D
 Acq: 17 Mar 2023 12:46

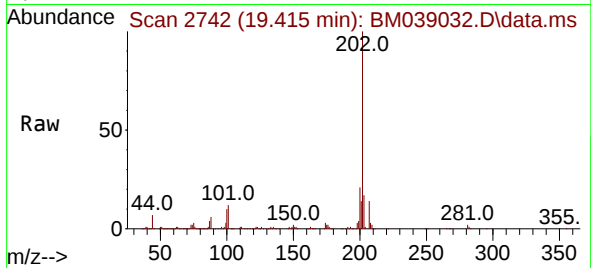
Tgt Ion:149 Resp: 251015
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.4 11.2
 104 5.7 4.3 6.5





#75
Fluoranthene
Concen: 3.346 ng
RT: 19.415 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

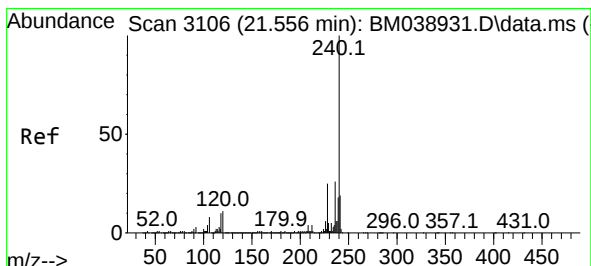
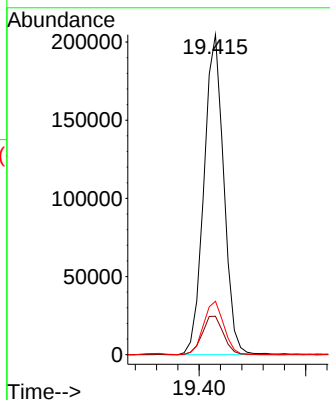
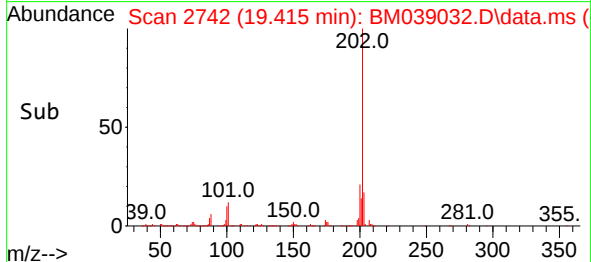
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:202 Resp: 264690
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.7
203 16.7 0.0 37.6

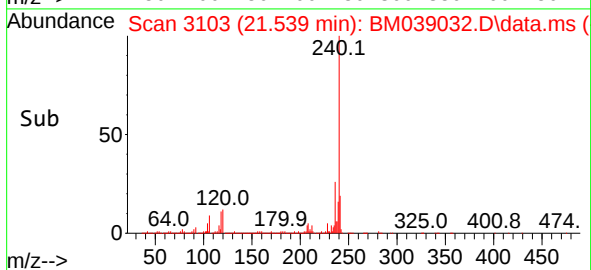
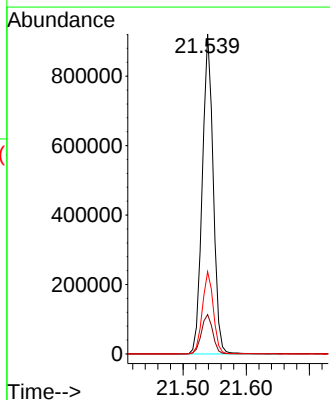
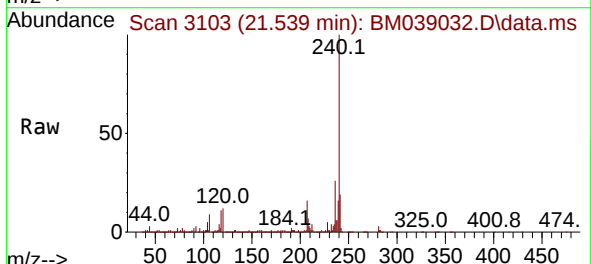
Manual Integrations
APPROVED

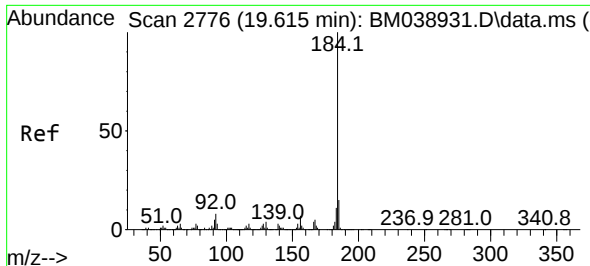
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.539 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

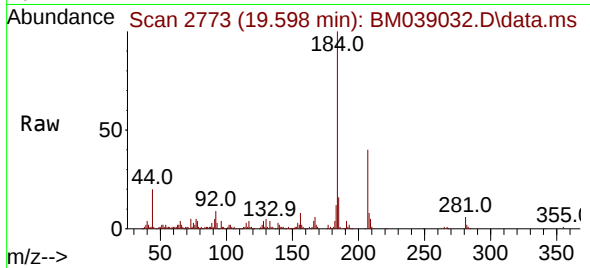
Tgt Ion:240 Resp: 1109791
Ion Ratio Lower Upper
240 100
120 12.3 9.2 13.8
236 25.7 20.8 31.2





#77
Benzidine
Concen: 8.837 ng
RT: 19.598 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

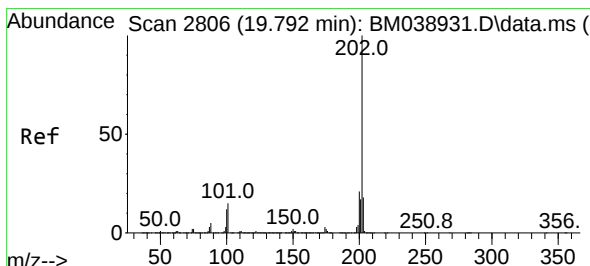
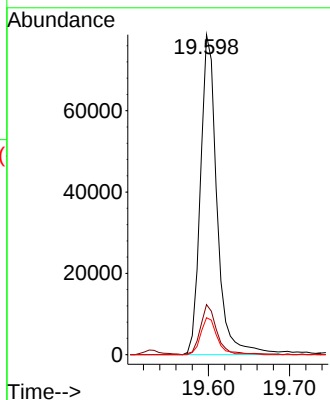
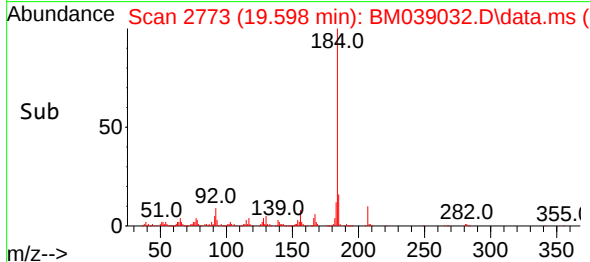
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:184 Resp: 111520
Ion Ratio Lower Upper
184 100
185 15.6 12.2 18.4
183 11.5 8.8 13.2

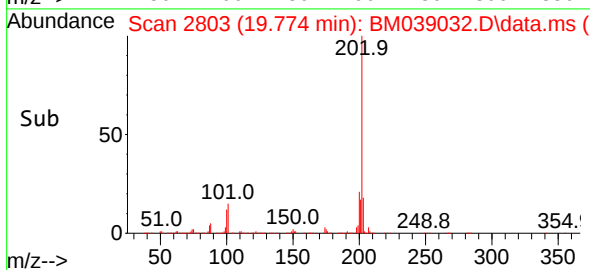
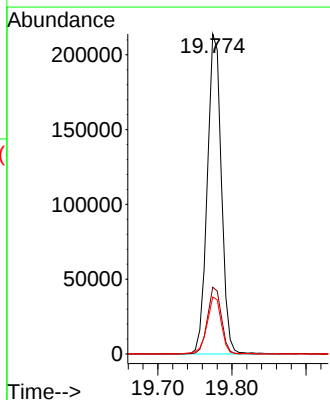
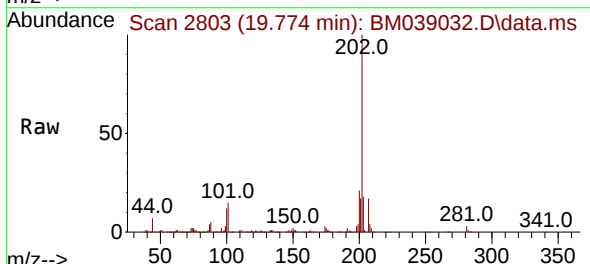
Manual Integrations
APPROVED

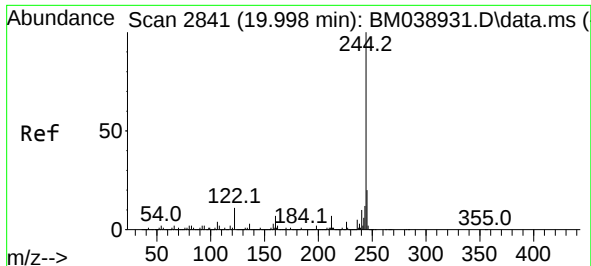
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#78
Pyrene
Concen: 3.384 ng
RT: 19.774 min Scan# 2803
Delta R.T. -0.006 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

Tgt Ion:202 Resp: 282064
Ion Ratio Lower Upper
202 100
200 20.9 17.1 25.7
203 17.8 14.1 21.1





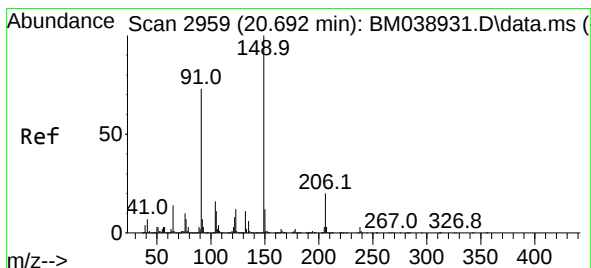
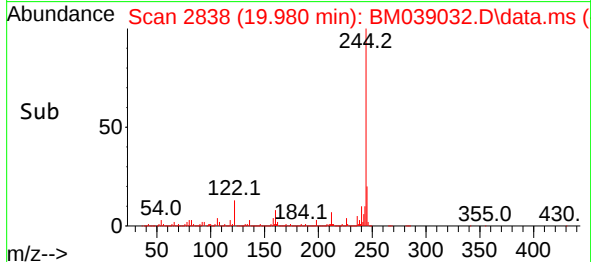
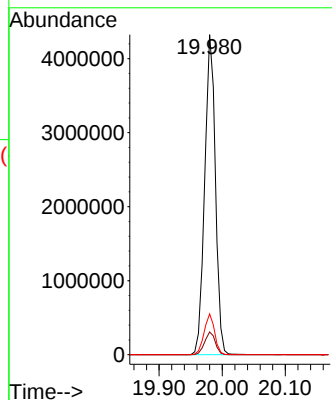
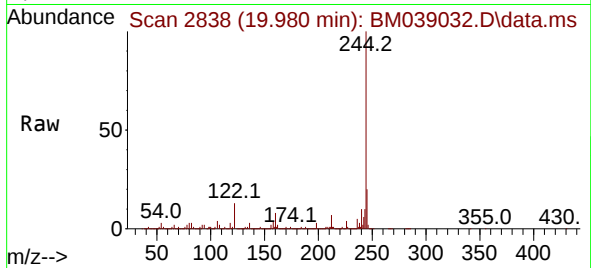
#79
 Terphenyl-d14
 Concen: 83.782 ng
 RT: 19.980 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM039032.D
 Acq: 17 Mar 2023 12:46

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

Tgt Ion:244 Resp: 508556
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 12.8 9.0 13.4

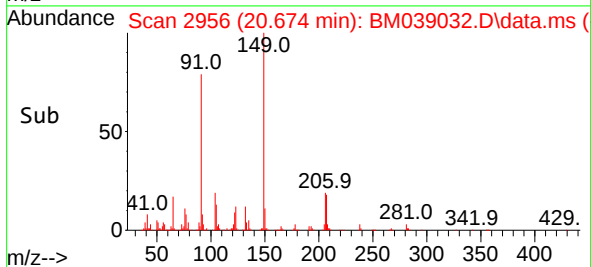
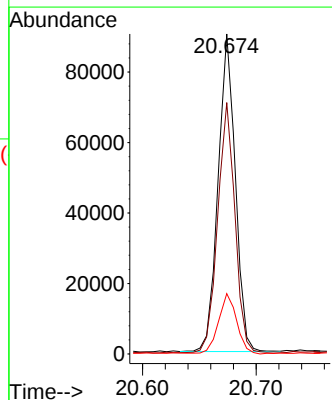
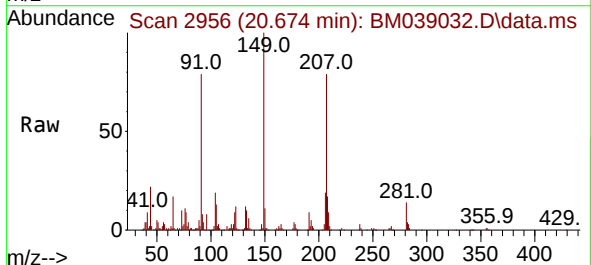
Manual Integrations
 APPROVED

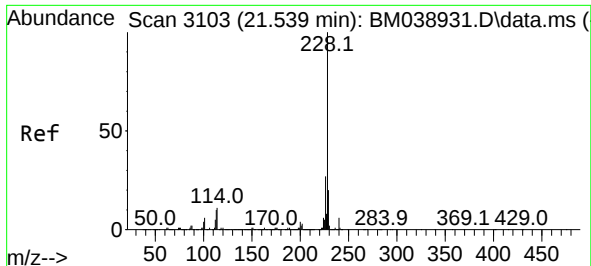
Reviewed By :Christian Giraldo 03/20/2023
 Supervised By :Jagrut Upadhyay 03/20/2023



#80
 Butylbenzylphthalate
 Concen: 5.809 ng
 RT: 20.674 min Scan# 2956
 Delta R.T. 0.000 min
 Lab File: BM039032.D
 Acq: 17 Mar 2023 12:46

Tgt Ion:149 Resp: 94931
 Ion Ratio Lower Upper
 149 100
 91 78.6 58.4 87.6
 206 18.8 16.1 24.1





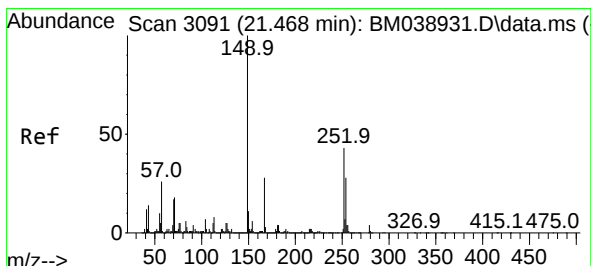
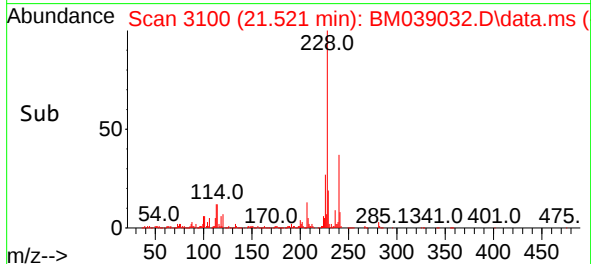
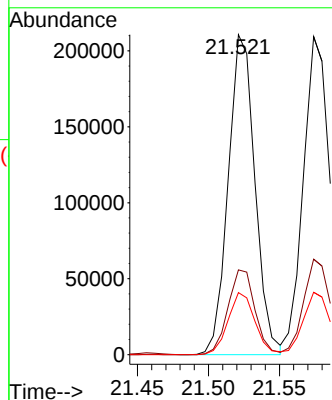
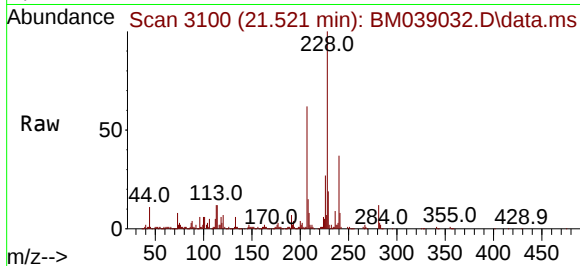
#81
Benzo(a)anthracene
Concen: 3.453 ng
RT: 21.521 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion:228 Resp: 275948
Ion Ratio Lower Upper
228 100
226 26.5 21.4 32.2
229 19.4 15.7 23.5

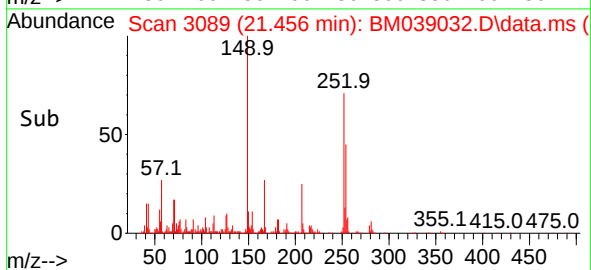
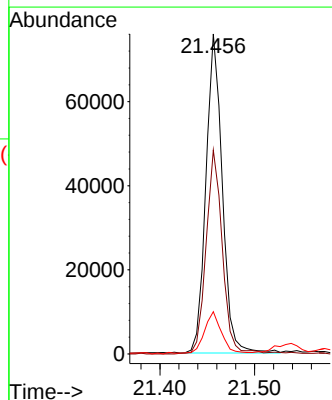
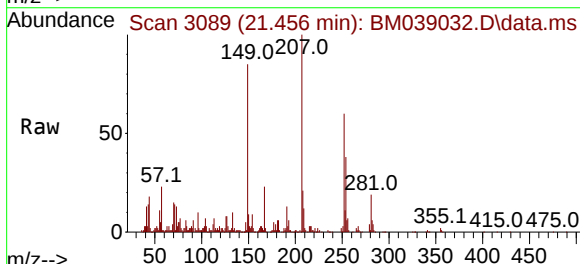
Manual Integrations
APPROVED

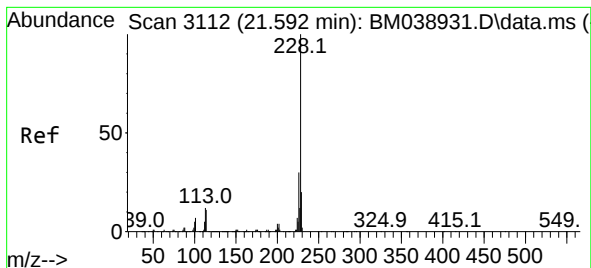
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#82
3,3'-Dichlorobenzidine
Concen: 3.699 ng
RT: 21.456 min Scan# 3089
Delta R.T. 0.000 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

Tgt Ion:252 Resp: 90864
Ion Ratio Lower Upper
252 100
254 63.7 51.5 77.3
126 13.2 9.9 14.9





#83

Chrysene

Concen: 3.529 ng

RT: 21.574 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BM039032.D

Acq: 17 Mar 2023 12:46

Instrument :

BNA_M

ClientSampleId :

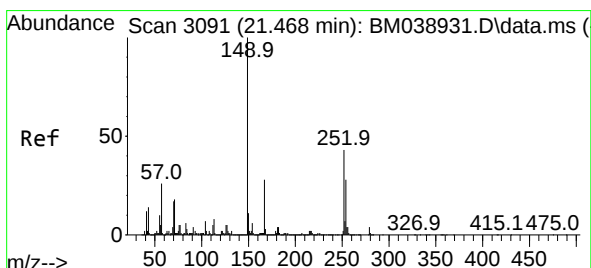
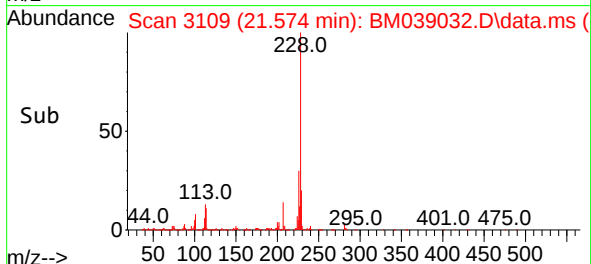
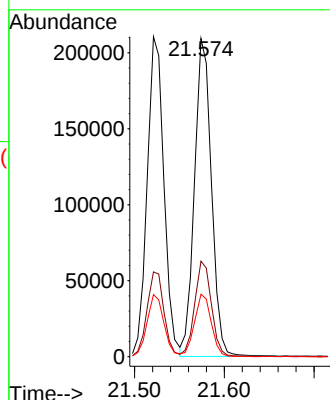
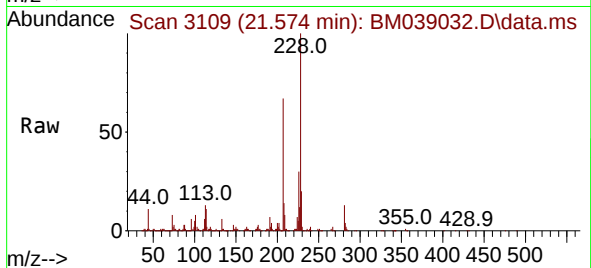
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:228 Resp: 27433
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.0 36.0
 229 19.6 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/20/2023
 Supervised By :Jagrut Upadhyay 03/20/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.272 ng

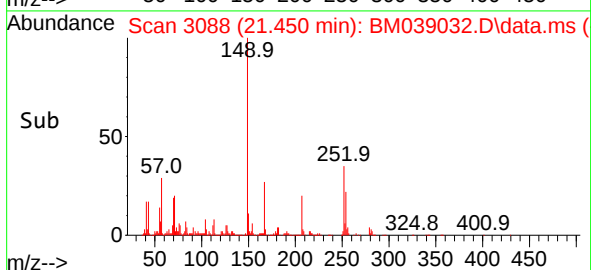
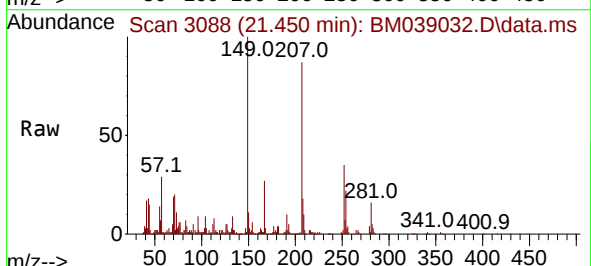
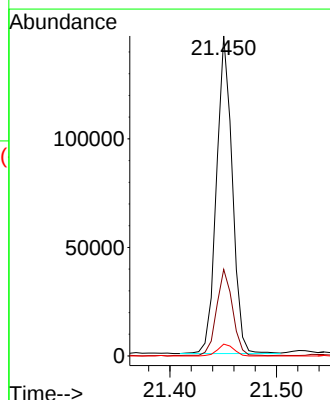
RT: 21.450 min Scan# 3088

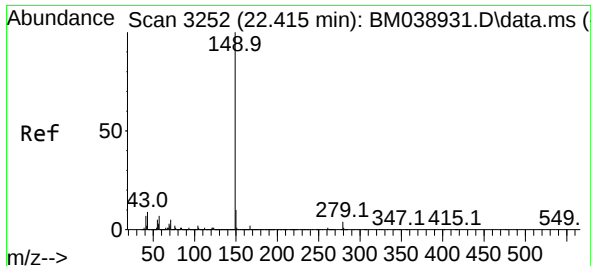
Delta R.T. 0.000 min

Lab File: BM039032.D

Acq: 17 Mar 2023 12:46

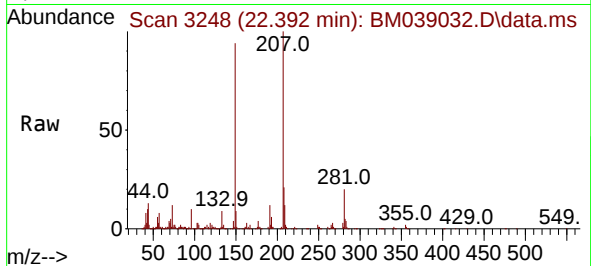
Tgt Ion:149 Resp: 150603
 Ion Ratio Lower Upper
 149 100
 167 27.1 22.3 33.5
 279 3.7 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 6.236 ng
RT: 22.392 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

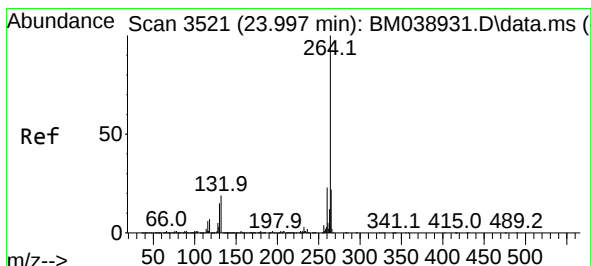
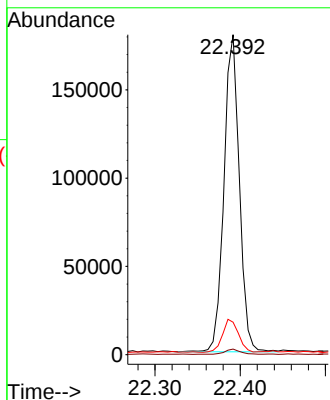
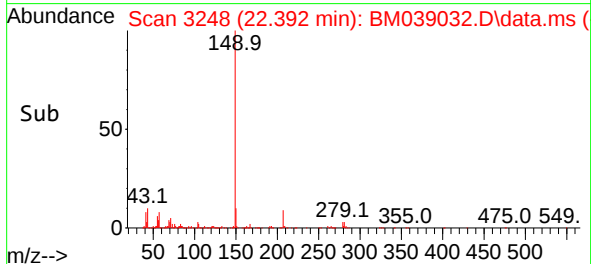
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:149 Resp: 22525
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.7 7.4 11.2

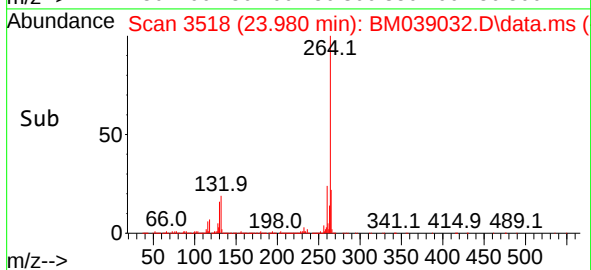
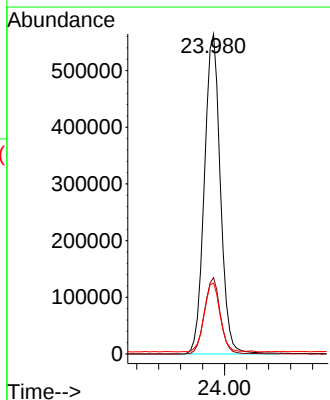
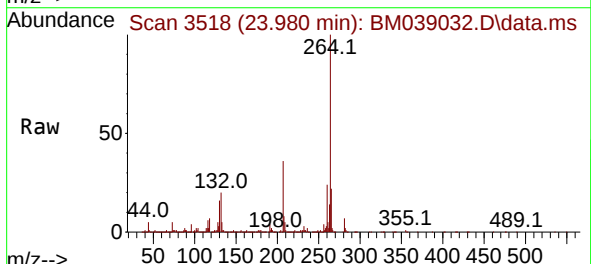
Manual Integrations
APPROVED

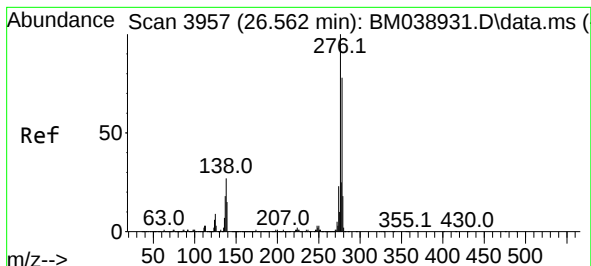
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.980 min Scan# 3518
Delta R.T. 0.000 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

Tgt Ion:264 Resp: 1141739
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 22.2 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.232 ng

RT: 26.509 min Scan# 3948

Delta R.T. -0.012 min

Lab File: BM039032.D

Acq: 17 Mar 2023 12:46

Instrument :

BNA_M

ClientSampleId :

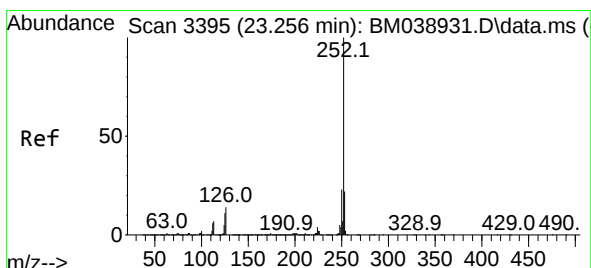
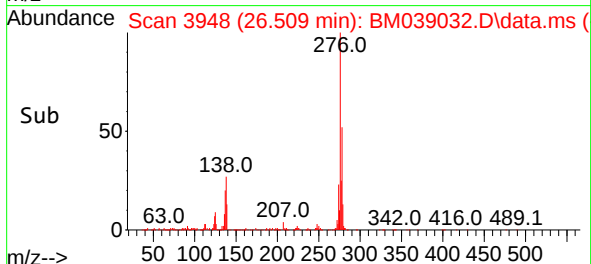
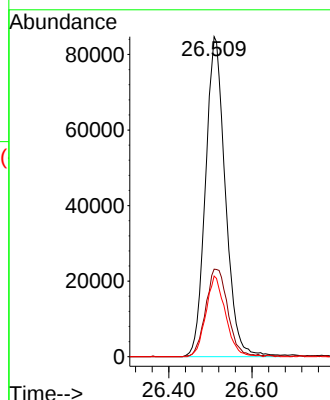
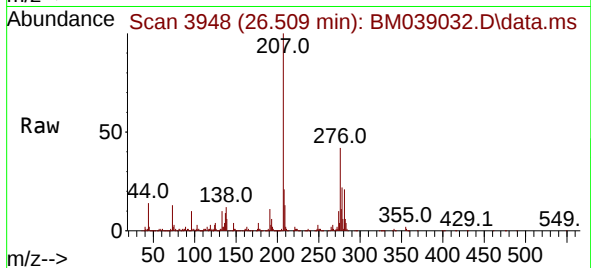
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:	276	Resp:	28080
Ion Ratio	Lower	Upper	
276	100		
138	30.7	22.1	33.1
277	24.9	20.1	30.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#88

Benzo(b)fluoranthene

Concen: 3.667 ng

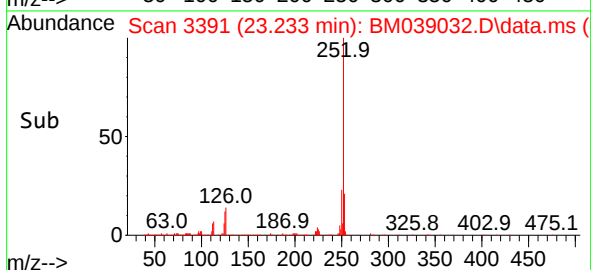
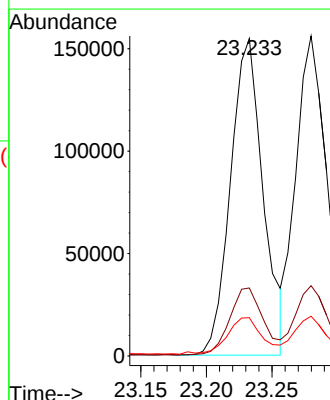
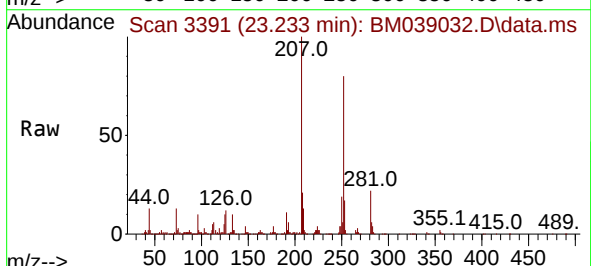
RT: 23.233 min Scan# 3391

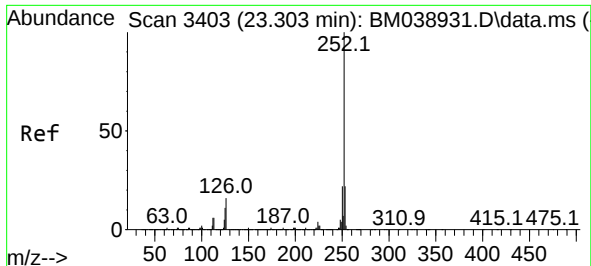
Delta R.T. -0.006 min

Lab File: BM039032.D

Acq: 17 Mar 2023 12:46

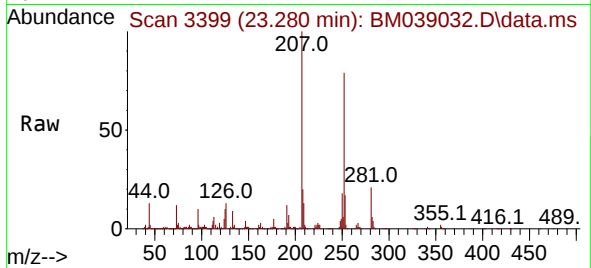
Tgt Ion:	252	Resp:	267465
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.6	26.4
125	12.1	8.8	13.2





#89
Benzo(k)fluoranthene
Concen: 3.392 ng
RT: 23.280 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

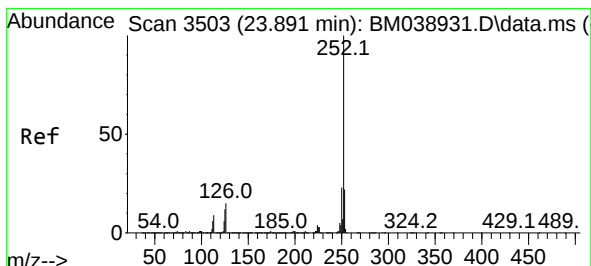
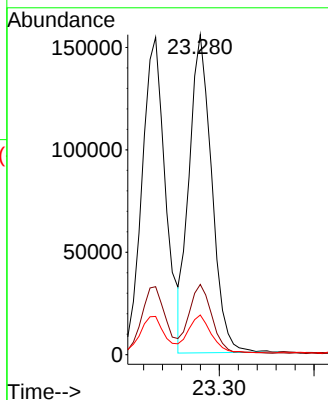
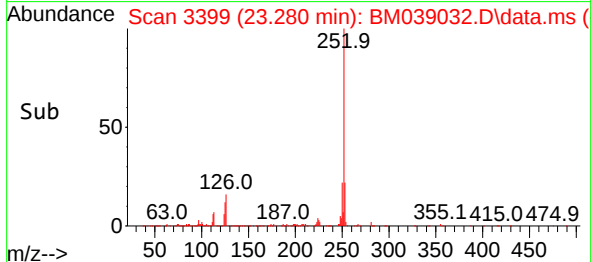
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:252 Resp: 257519
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 12.4 8.9 13.3

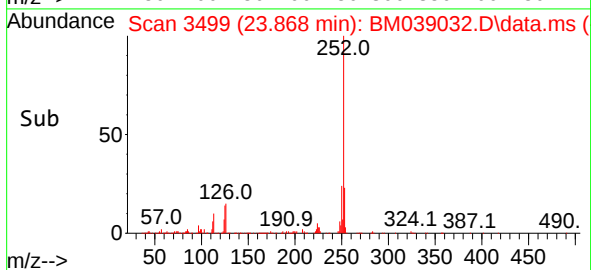
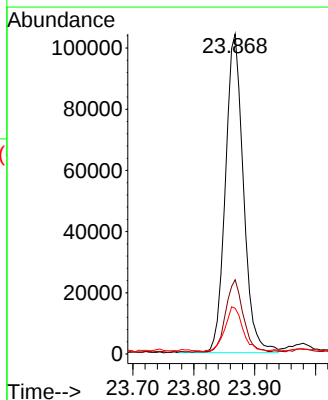
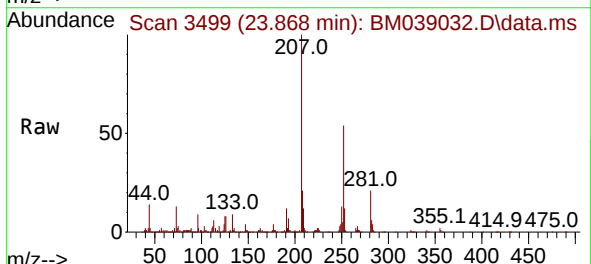
Manual Integrations
APPROVED

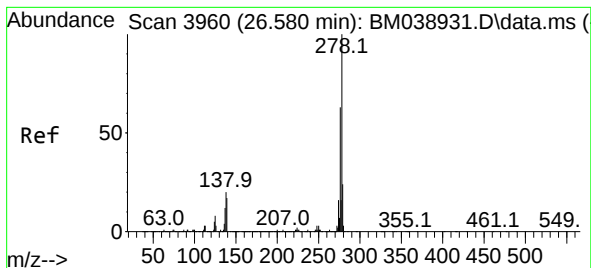
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#90
Benzo(a)pyrene
Concen: 3.060 ng
RT: 23.868 min Scan# 3499
Delta R.T. -0.006 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

Tgt Ion:252 Resp: 214832
Ion Ratio Lower Upper
252 100
253 23.2 17.6 26.4
125 14.2 9.8 14.8





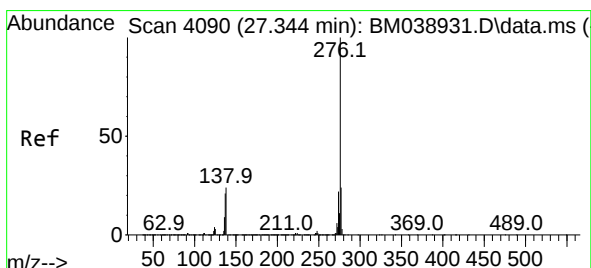
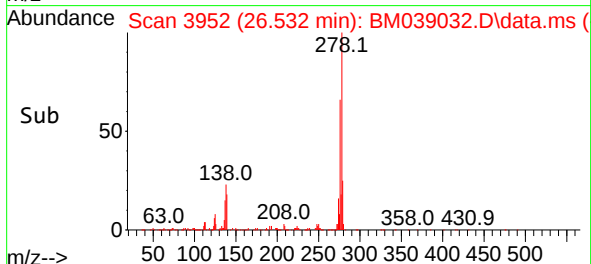
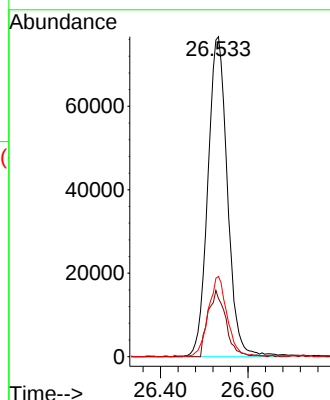
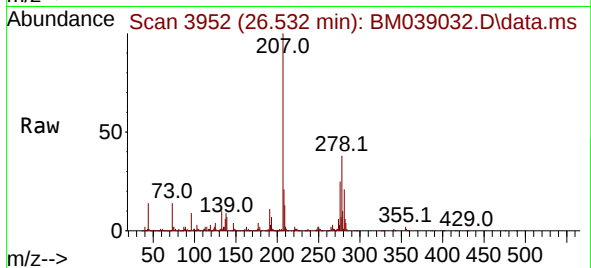
#91
Dibenzo(a,h)anthracene
Concen: 3.246 ng
RT: 26.532 min Scan# 3960
Delta R.T. -0.006 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 278 Resp: 23885
Ion Ratio Lower Upper
278 100
139 18.2 13.7 20.5
279 25.1 18.9 28.3

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 03/20/2023
Supervised By : Jagrut Upadhyay 03/20/2023



#92
Benzo(g,h,i)perylene
Concen: 3.228 ng
RT: 27.291 min Scan# 4081
Delta R.T. -0.012 min
Lab File: BM039032.D
Acq: 17 Mar 2023 12:46

Tgt Ion: 276 Resp: 232379
Ion Ratio Lower Upper
276 100
277 24.1 19.3 28.9
138 23.6 19.0 28.6

