

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032023\
 Data File : BM039041.D
 Acq On : 20 Mar 2023 12:52
 Operator : CG/JU
 Sample : 01627-09
 Misc : MDL-MDL-WATER 4ppm
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT1-2023

Quant Time: Mar 21 04:06:17 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 03/21/2023
 Supervised By : Jagrut Upadhyay 03/21/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	379158	20.000	ng	0.00
21) Naphthalene-d8	10.786	136	1550634	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	951574	20.000	ng	0.00
64) Phenanthrene-d10	17.356	188	2054422	20.000	ng	0.00
76) Chrysene-d12	21.533	240	1979175	20.000	ng	0.00
86) Perylene-d12	23.968	264	2081936	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2778668	111.342	ng	0.00
7) Phenol-d6	7.134	99	3655659	112.774	ng	0.00
23) Nitrobenzene-d5	9.139	82	2632116	83.380	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	1313166	119.290	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	5599907	76.609	ng	0.00
79) Terphenyl-d14	19.980	244	8616686	79.600	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	42099	3.792	ng	98
3) Pyridine	3.810	79	89048	2.892	ng	97
4) n-Nitrosodimethylamine	3.710	42	46482	3.710	ng	# 89
6) Aniline	7.298	93	158278	3.719	ng	99
8) 2-Chlorophenol	7.534	128	101647	3.826	ng	98
9) Benzaldehyde	7.110	77	101341m	6.570	ng	
10) Phenol	7.157	94	131265	3.813	ng	97
11) bis(2-Chloroethyl)ether	7.392	93	107718	3.849	ng	96
12) 1,3-Dichlorobenzene	7.863	146	111939	3.964	ng	99
13) 1,4-Dichlorobenzene	8.010	146	113738	3.961	ng	100
14) 1,2-Dichlorobenzene	8.328	146	110657	4.000	ng	99
15) Benzyl Alcohol	8.210	79	86299	3.714	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.504	45	152319	4.309	ng	100
17) 2-Methylphenol	8.416	107	81088	3.429	ng	98
18) Hexachloroethane	9.057	117	42380	4.000	ng	99
19) n-Nitroso-di-n-propyla...	8.781	70	84186	4.123	ng	95
20) 3+4-Methylphenols	8.739	107	104836	3.320	ng	99
22) Acetophenone	8.798	105	168395	3.871	ng	# 97
24) Nitrobenzene	9.181	77	134185	4.044	ng	99
25) Isophorone	9.710	82	223584	3.849	ng	98
26) 2-Nitrophenol	9.898	139	43242	5.758	ng	96
27) 2,4-Dimethylphenol	9.951	122	86637	3.423	ng	98
28) bis(2-Chloroethoxy)met...	10.192	93	145242	3.891	ng	99
29) 2,4-Dichlorophenol	10.428	162	77874	3.245	ng	97
30) 1,2,4-Trichlorobenzene	10.645	180	95865	3.656	ng	97
31) Naphthalene	10.833	128	324333	3.668	ng	99
32) Benzoic acid	10.010	122	28786	7.098	ng	98
33) 4-Chloroaniline	10.945	127	129249	3.430	ng	97
34) Hexachlorobutadiene	11.122	225	52914	3.519	ng	94
35) Caprolactam	11.710	113	24403	3.341	ng	91
36) 4-Chloro-3-methylphenol	12.063	107	86599	3.389	ng	99
37) 2-Methylnaphthalene	12.439	142	215929	3.644	ng	100
38) 1-Methylnaphthalene	12.663	142	202420	3.645	ng	100
40) 1,2,4,5-Tetrachloroben...	12.810	216	103633	3.350	ng	99
41) Hexachlorocyclopentadiene	12.786	237	56163	3.307	ng	98
43) 2,4,6-Trichlorophenol	13.045	196	58412	2.916	ng	98

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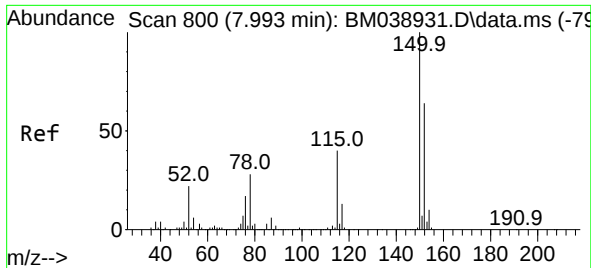
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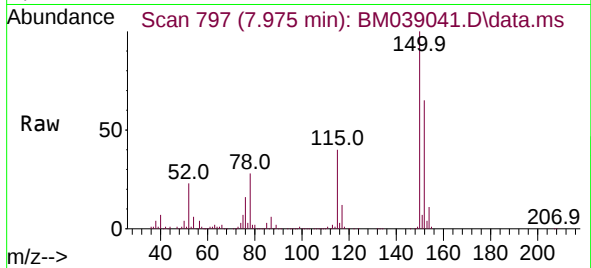
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	64919	2.769	ng	98
46) 1,1'-Biphenyl	13.451	154	305076	3.784	ng	99
47) 2-Chloronaphthalene	13.492	162	219493	3.611	ng	99
48) 2-Nitroaniline	13.692	65	55947	4.957	ng	91
49) Acenaphthylene	14.333	152	323205	3.338	ng	99
50) Dimethylphthalate	14.068	163	275931	3.768	ng	100
51) 2,6-Dinitrotoluene	14.186	165	47836	4.384	ng	90
52) Acenaphthene	14.674	154	209612	3.522	ng	98
53) 3-Nitroaniline	14.515	138	52809	4.287	ng	# 99
54) 2,4-Dinitrophenol	14.715	184	18569	7.056	ng	96
55) Dibenzofuran	15.010	168	340944	3.661	ng	99
56) 4-Nitrophenol	14.810	139	41801	2.874	ng	97
57) 2,4-Dinitrotoluene	14.968	165	58641	4.704	ng	88
58) Fluorene	15.657	166	264986	3.633	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.233	232	61143	3.381	ng	97
60) Diethylphthalate	15.427	149	270419	3.796	ng	99
61) 4-Chlorophenyl-phenyle...	15.651	204	129699	3.619	ng	95
62) 4-Nitroaniline	15.674	138	50208	4.259	ng	94
63) Azobenzene	15.945	77	265870	3.527	ng	98
65) 4,6-Dinitro-2-methylph...	15.727	198	26255	6.827	ng	80
66) n-Nitrosodiphenylamine	15.862	169	220962	3.190	ng	99
67) 4-Bromophenyl-phenylether	16.545	248	72263	3.257	ng	90
68) Hexachlorobenzene	16.657	284	86844	3.501	ng	94
69) Atrazine	16.815	200	70765	3.741	ng	99
70) Pentachlorophenol	17.004	266	42646	2.337	ng	96
71) Phenanthrene	17.398	178	427100	3.542	ng	99
72) Anthracene	17.486	178	395431	3.289	ng	99
73) Carbazole	17.756	167	375028	3.417	ng	98
74) Di-n-butylphthalate	18.327	149	422697	4.838	ng	99
75) Fluoranthene	19.409	202	447577	3.516	ng	99
77) Benzidine	19.598	184	206245	8.984	ng	99
78) Pyrene	19.774	202	483905	3.255	ng	99
80) Butylbenzylphthalate	20.668	149	182259	6.000	ng	94
81) Benzo(a)anthracene	21.515	228	496828	3.486	ng	99
82) 3,3'-Dichlorobenzidine	21.450	252	165976	3.789	ng	99
83) Chrysene	21.574	228	485237	3.500	ng	99
84) Bis(2-ethylhexyl)phtha...	21.444	149	289546	5.489	ng	98
85) Di-n-octyl phthalate	22.386	149	458163	6.579	ng	97
87) Indeno(1,2,3-cd)pyrene	26.497	276	516810	3.262	ng	97
88) Benzo(b)fluoranthene	23.221	252	495809	3.728	ng	99
89) Benzo(k)fluoranthene	23.274	252	465298	3.361	ng	98
90) Benzo(a)pyrene	23.862	252	398944	3.117	ng	99
91) Dibenzo(a,h)anthracene	26.515	278	436979	3.257	ng	99
92) Benzo(g,h,i)perylene	27.273	276	410525	3.128	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.975 min Scan# 79
Delta R.T. -0.000 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

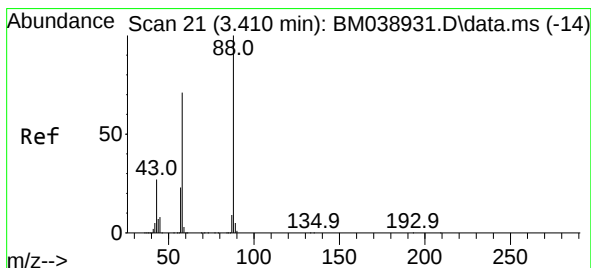
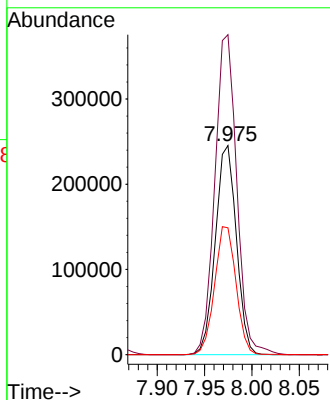
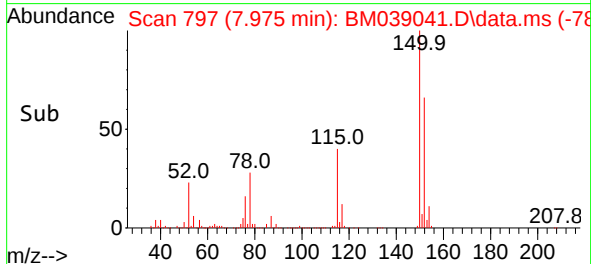
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 152 Resp: 379158
Ion Ratio Lower Upper
152 100
150 153.1 125.1 187.7
115 60.7 49.6 74.4

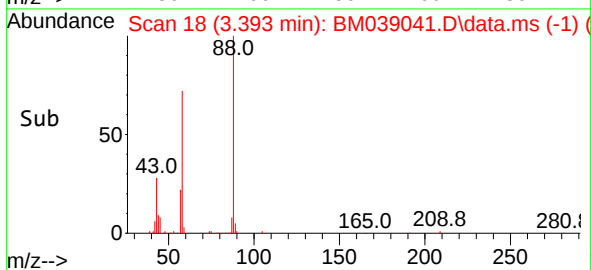
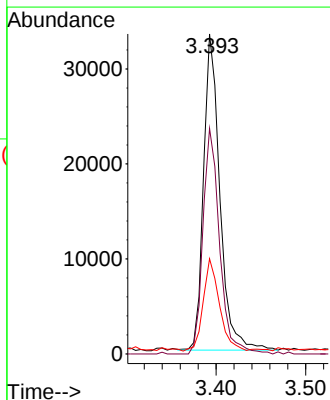
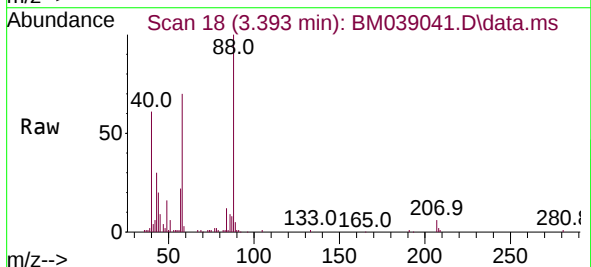
Manual Integrations
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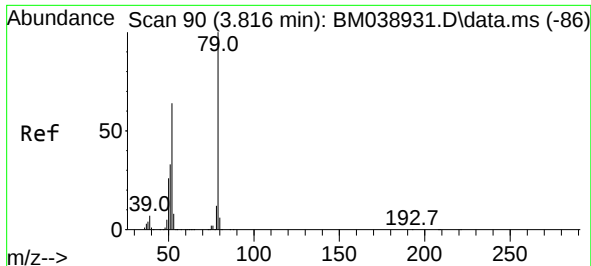
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#2
1,4-Dioxane
Concen: 3.792 ng
RT: 3.393 min Scan# 18
Delta R.T. -0.000 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

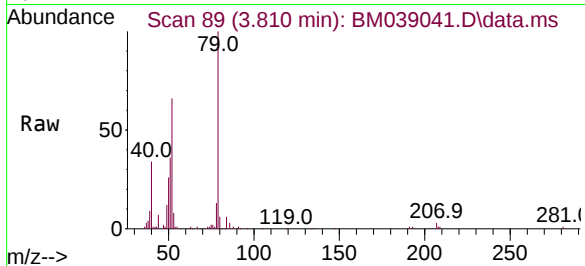
Tgt Ion: 88 Resp: 42099
Ion Ratio Lower Upper
88 100
58 72.6 57.2 85.8
43 29.2 22.0 33.0





#3
Pyridine
Concen: 2.892 ng
RT: 3.810 min Scan# 89
Delta R.T. 0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

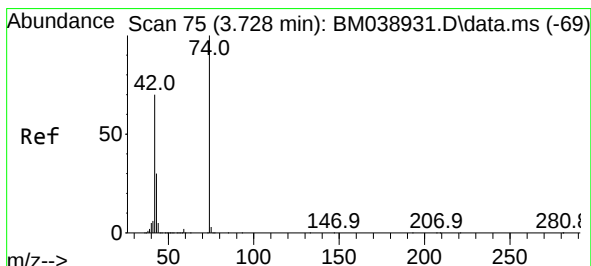
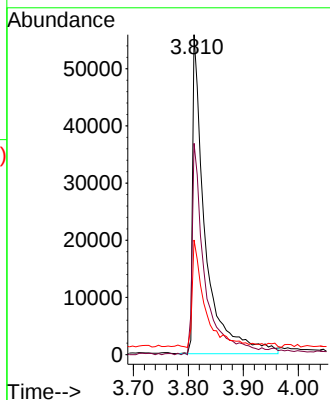
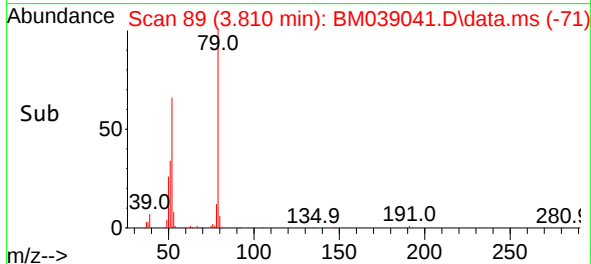
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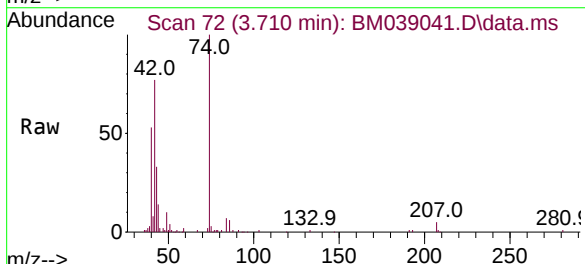
Tgt Ion: 79 Resp: 89048
Ion Ratio Lower Upper
79 100
52 66.0 51.4 77.2
51 35.8 26.6 40.0

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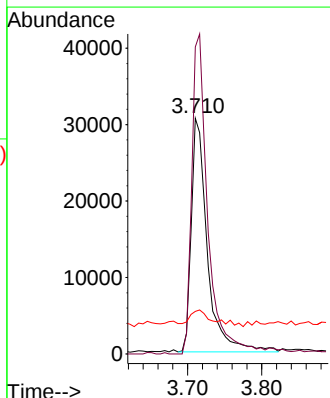
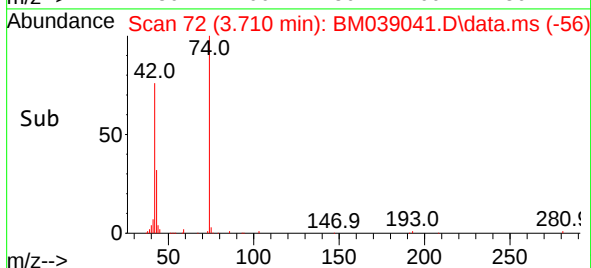
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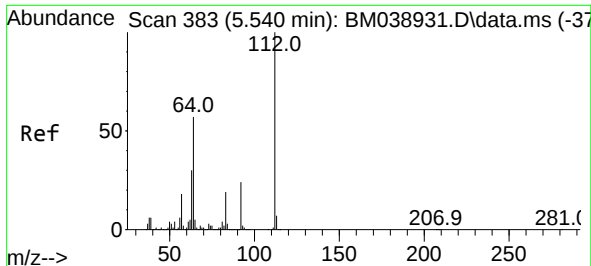


#4
n-Nitrosodimethylamine
Concen: 3.710 ng
RT: 3.710 min Scan# 72
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52



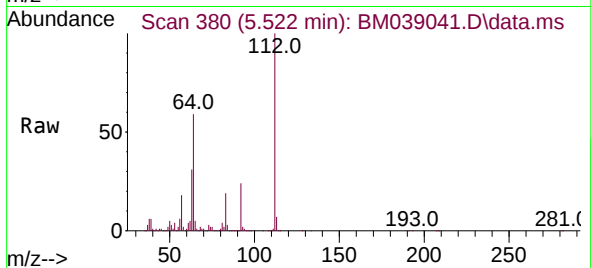
Tgt Ion: 42 Resp: 46482
Ion Ratio Lower Upper
42 100
74 130.3 113.8 170.8
44 18.0 6.2 9.2





#5
2-Fluorophenol
Concen: 111.342 ng
RT: 5.522 min Scan# 383
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

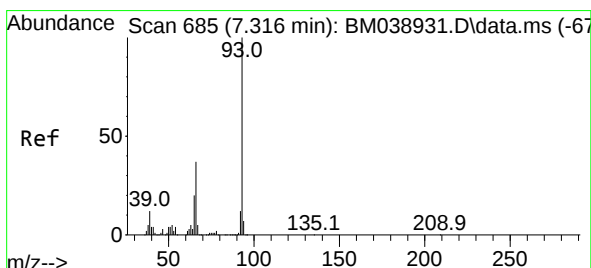
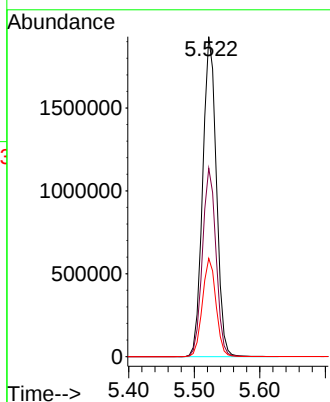
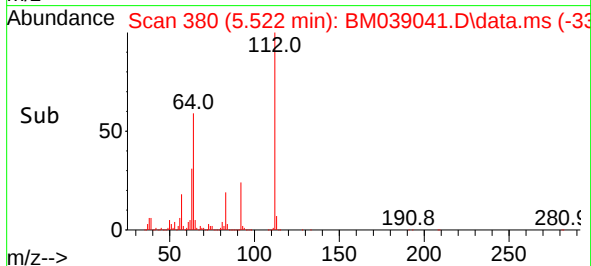
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BNA_M
ClientSampleId :
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Tgt Ion:112 Resp: 2778668
Ion Ratio Lower Upper
112 100
64 58.9 45.9 68.9
63 30.7 23.8 35.8

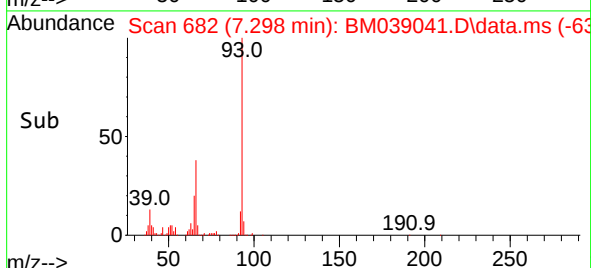
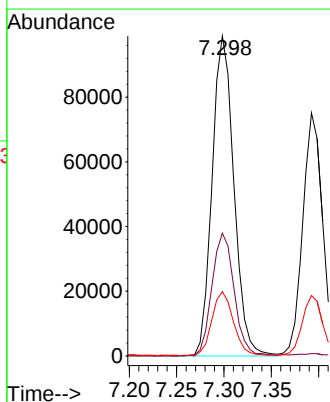
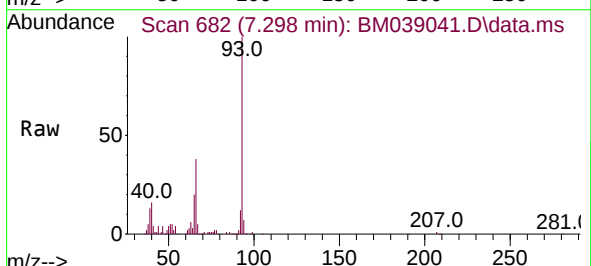
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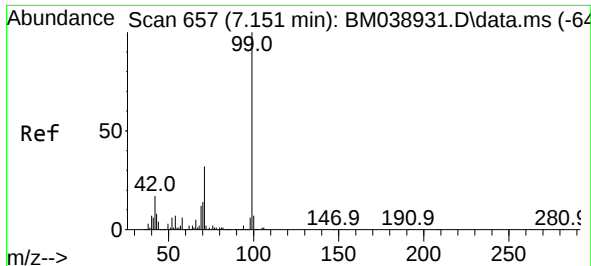
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#6
Aniline
Concen: 3.719 ng
RT: 7.298 min Scan# 682
Delta R.T. -0.000 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

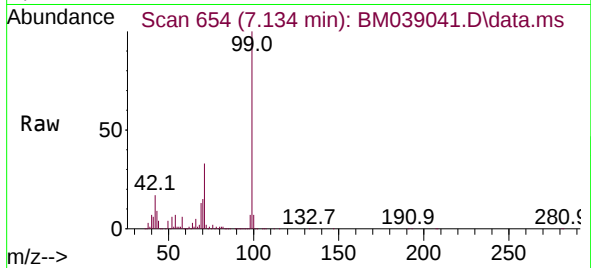
Tgt Ion: 93 Resp: 158278
Ion Ratio Lower Upper
93 100
66 38.3 30.0 45.0
65 20.1 15.8 23.6





#7
Phenol-d6
Concen: 112.774 ng
RT: 7.134 min Scan# 654
Delta R.T. -0.000 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

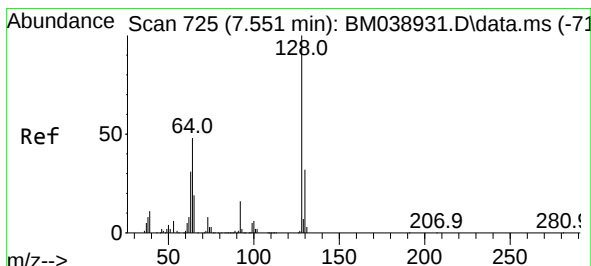
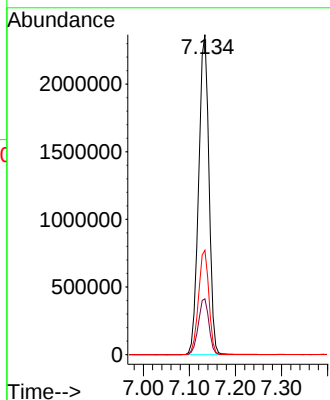
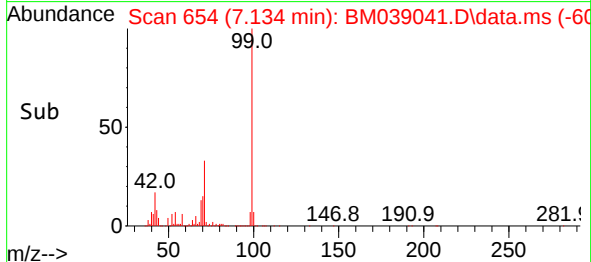
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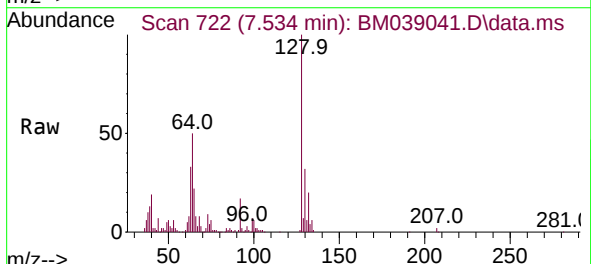
Tgt Ion: 99 Resp: 3655659
Ion Ratio Lower Upper
99 100
42 17.4 13.5 20.3
71 32.6 25.6 38.4

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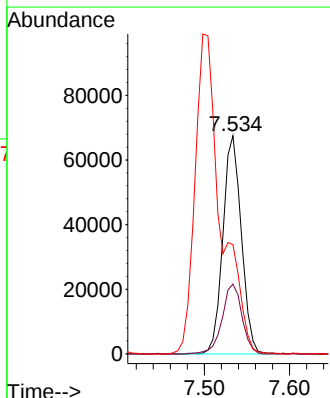
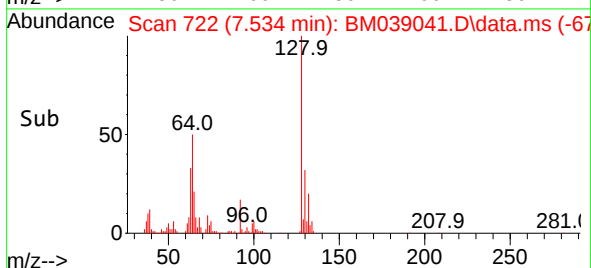
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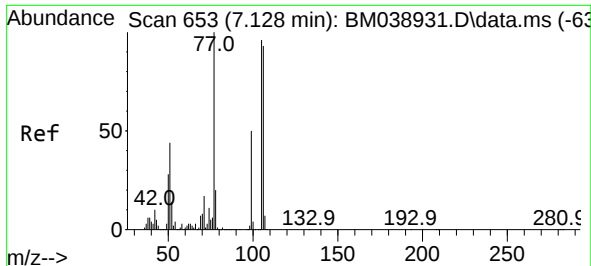


#8
2-Chlorophenol
Concen: 3.826 ng
RT: 7.534 min Scan# 722
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52



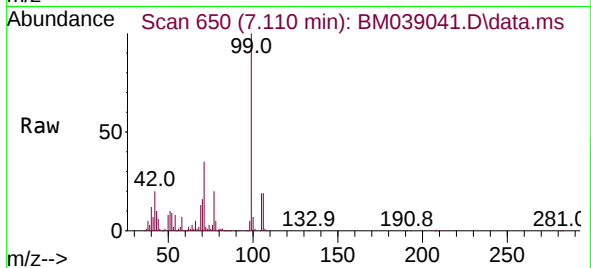
Tgt Ion:128 Resp: 101647
Ion Ratio Lower Upper
128 100
130 32.1 11.9 51.9
64 50.2 28.6 68.6





#9
Benzaldehyde
Concen: 6.570 ng m
RT: 7.110 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

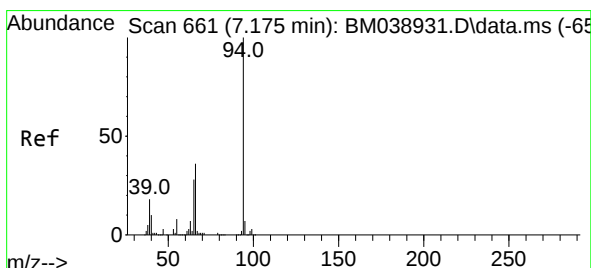
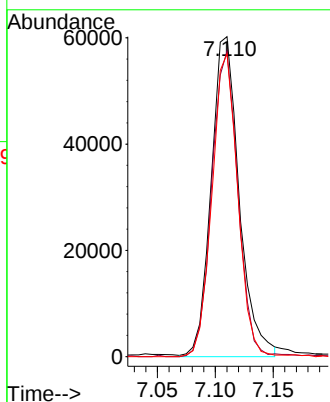
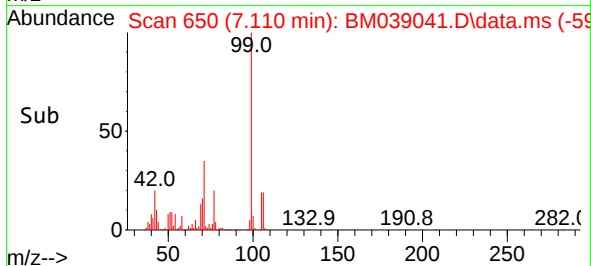
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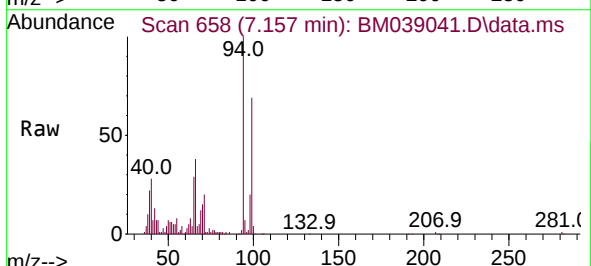
Tgt Ion: 77 Resp: 10134
Ion Ratio Lower Upper
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106 94.6 72.6 112.6

Manual Integrations
APPROVED

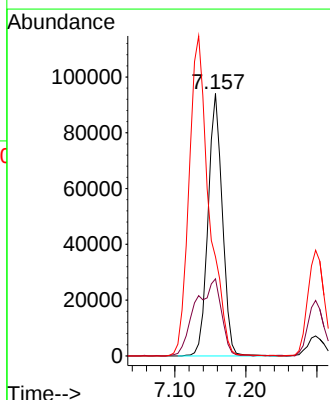
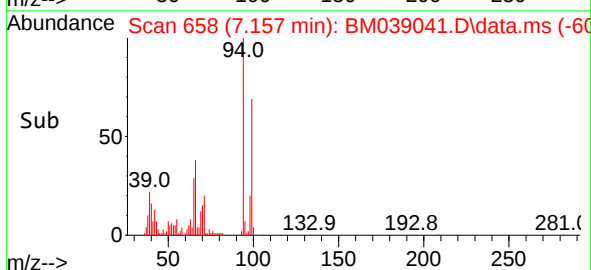
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023

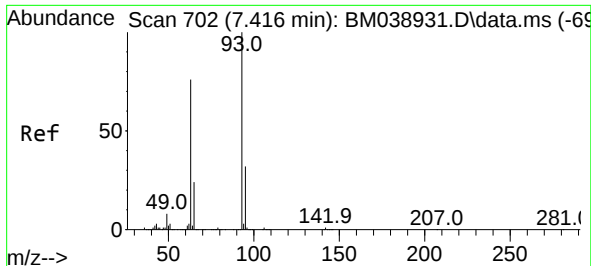


#10
Phenol
Concen: 3.813 ng
RT: 7.157 min Scan# 658
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52



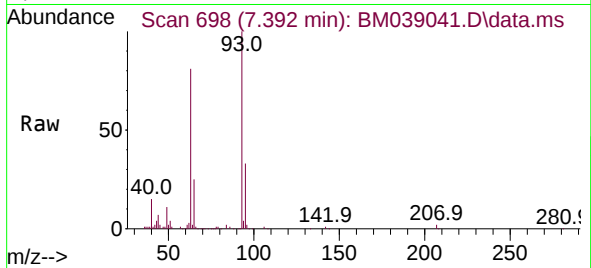
Tgt Ion: 94 Resp: 131265
Ion Ratio Lower Upper
94 100
65 29.4 7.9 47.9
66 37.8 15.8 55.8





#11
bis(2-Chloroethyl)ether
Concen: 3.849 ng
RT: 7.392 min Scan# 69
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

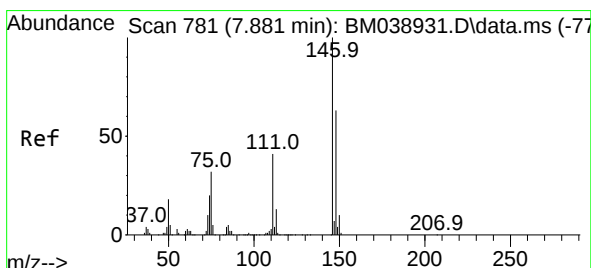
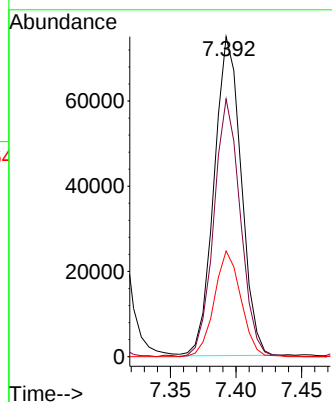
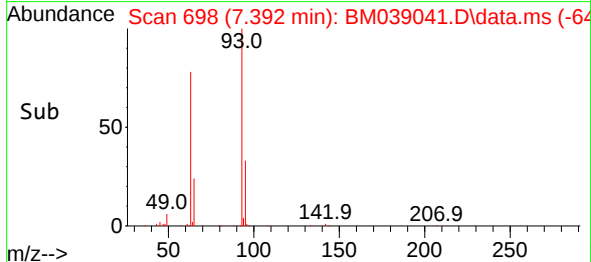
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 93 Resp: 107718
Ion Ratio Lower Upper
93 100
63 80.5 55.8 95.8
95 33.0 12.2 52.2

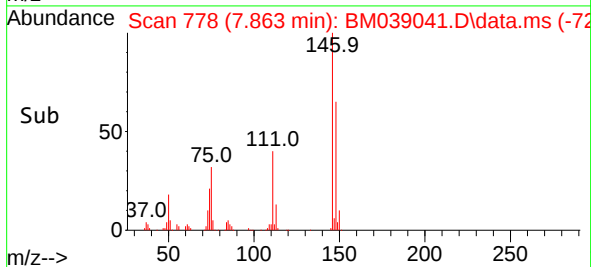
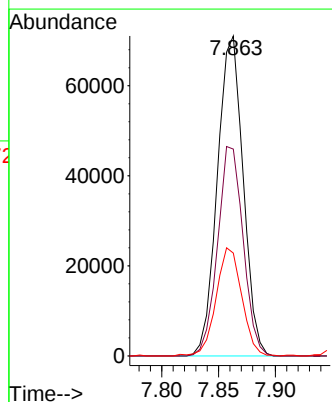
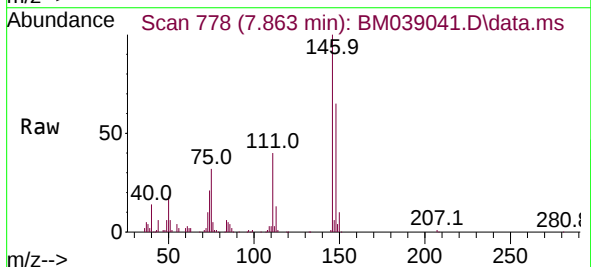
Manual Integrations
APPROVED

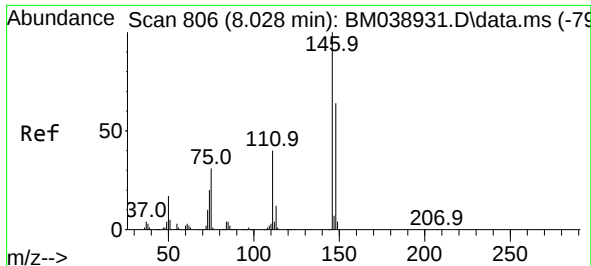
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#12
1,3-Dichlorobenzene
Concen: 3.964 ng
RT: 7.863 min Scan# 778
Delta R.T. -0.000 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

Tgt Ion:146 Resp: 111939
Ion Ratio Lower Upper
146 100
148 64.6 50.6 75.8
75 32.1 26.0 39.0





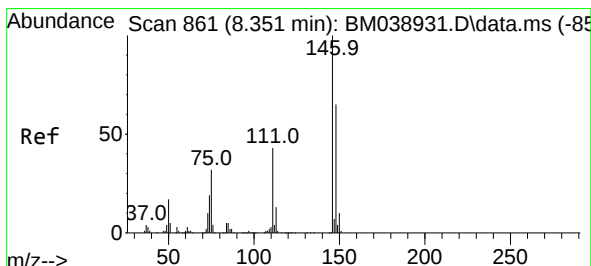
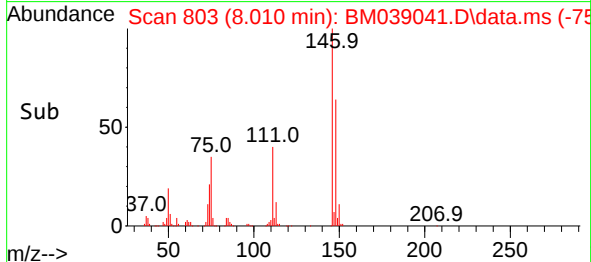
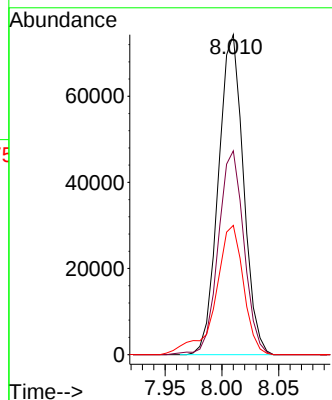
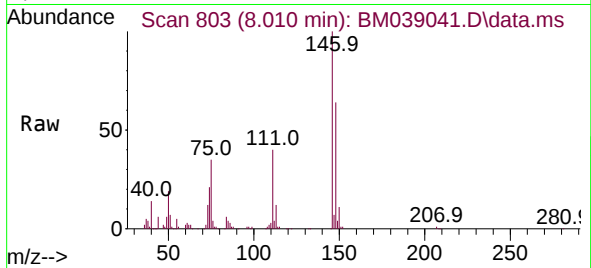
#13
1,4-Dichlorobenzene
Concen: 3.961 ng
RT: 8.010 min Scan# 806
Delta R.T. -0.000 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion:146 Resp: 113738
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
111 40.4 32.2 48.4

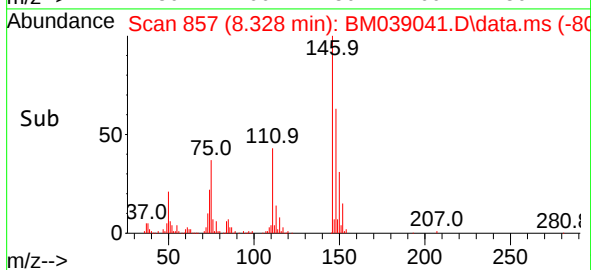
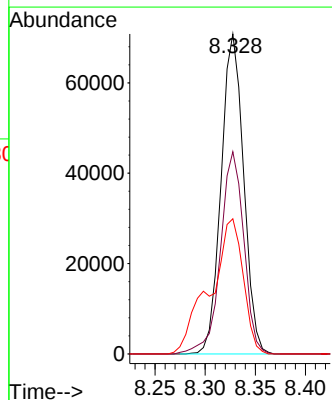
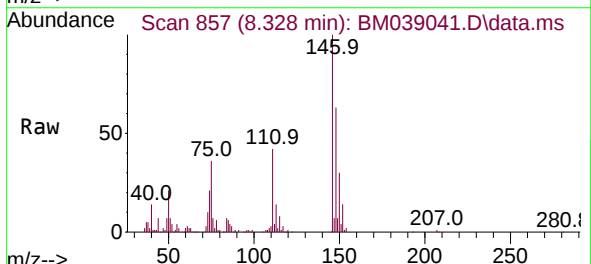
Manual Integrations
APPROVED

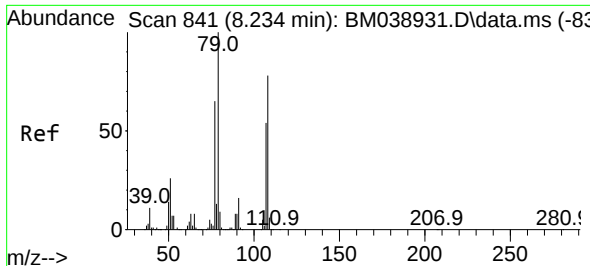
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#14
1,2-Dichlorobenzene
Concen: 4.000 ng
RT: 8.328 min Scan# 857
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

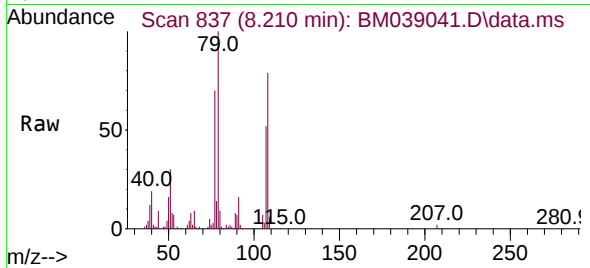
Tgt Ion:146 Resp: 110657
Ion Ratio Lower Upper
146 100
148 63.2 51.7 77.5
111 42.2 34.2 51.4





#15
Benzyl Alcohol
Concen: 3.714 ng
RT: 8.210 min Scan# 841
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

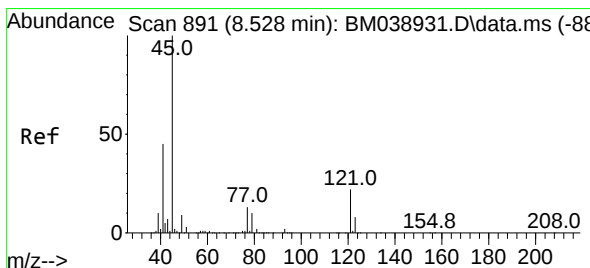
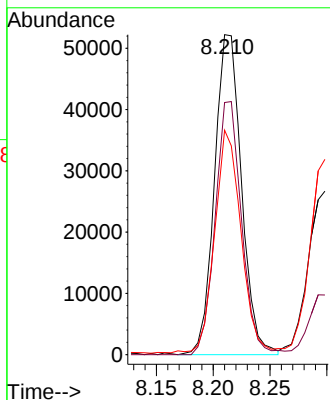
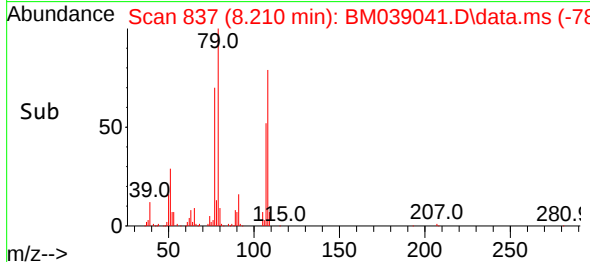
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT1-2023



Tgt Ion: 79 Resp: 86299
Ion Ratio Lower Upper
79 100
108 78.8 62.4 93.6
77 70.1 52.2 78.4

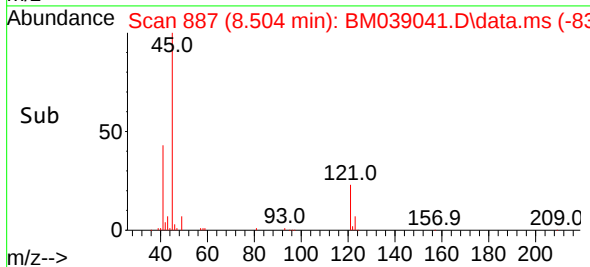
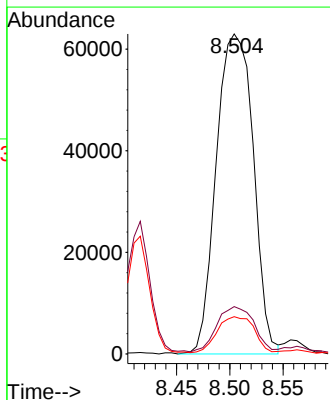
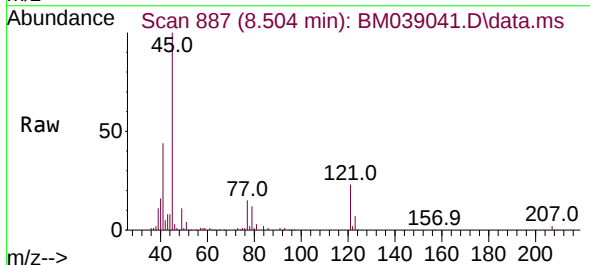
Manual Integrations
APPROVED

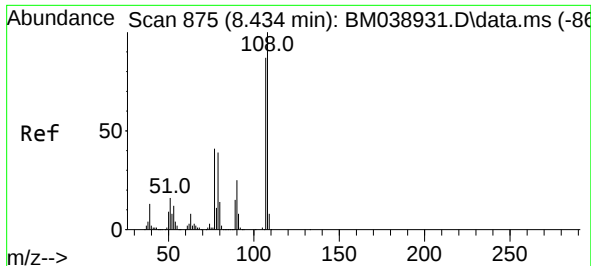
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.309 ng
RT: 8.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

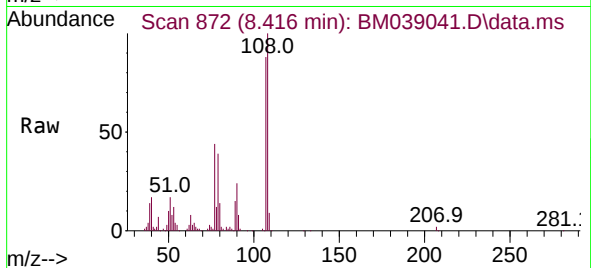
Tgt Ion: 45 Resp: 152319
Ion Ratio Lower Upper
45 100
77 14.8 0.0 34.8
79 11.6 0.0 31.5





#17
2-Methylphenol
Concen: 3.429 ng
RT: 8.416 min Scan# 810
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

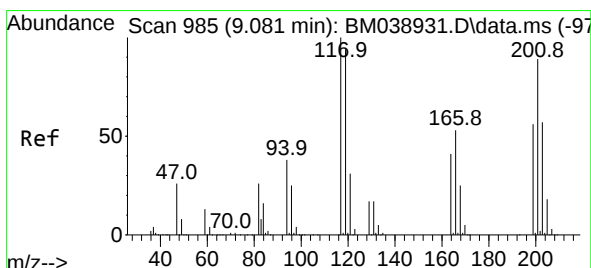
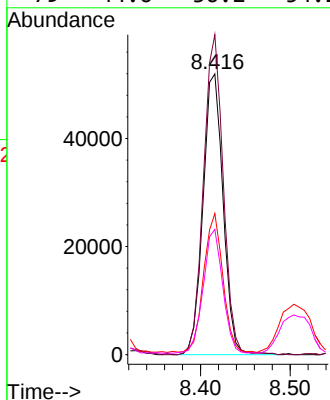
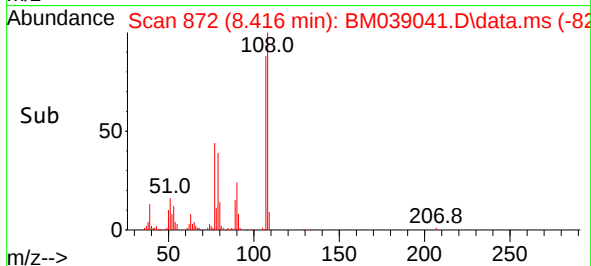
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:	107	Resp:	81088
Ion	Ratio	Lower	Upper
107	100		
108	114.0	91.7	137.5
77	50.2	37.4	56.2
79	44.6	36.2	54.2

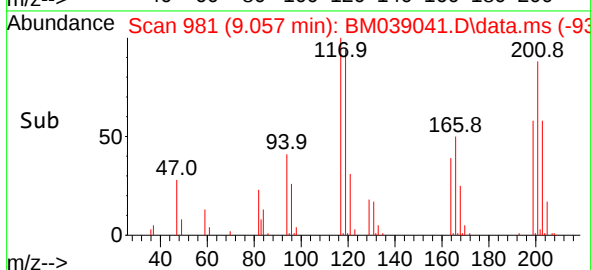
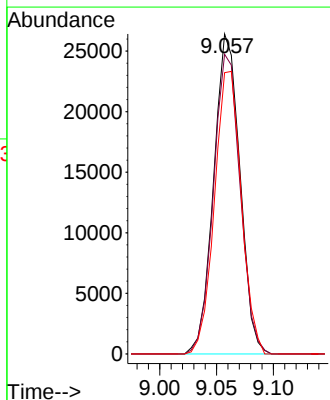
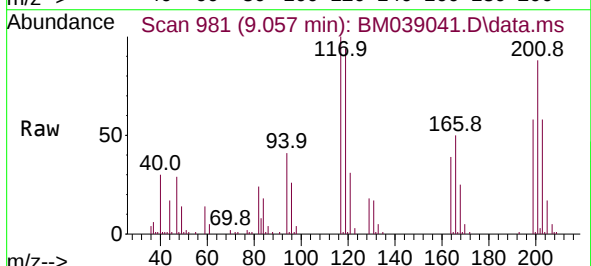
Manual Integrations
APPROVED

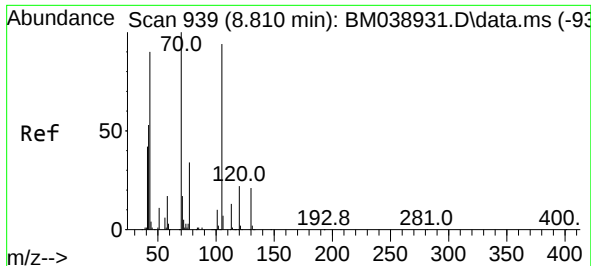
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#18
Hexachloroethane
Concen: 4.000 ng
RT: 9.057 min Scan# 981
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

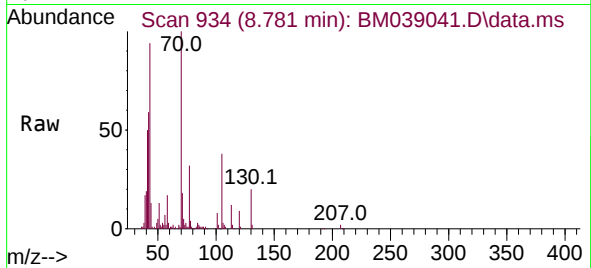
Tgt Ion:	117	Resp:	42380
Ion	Ratio	Lower	Upper
117	100		
119	93.6	75.4	113.0
201	87.9	71.3	106.9





#19
n-Nitroso-di-n-propylamine
Concen: 4.123 ng
RT: 8.781 min Scan# 939
Delta R.T. -0.012 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

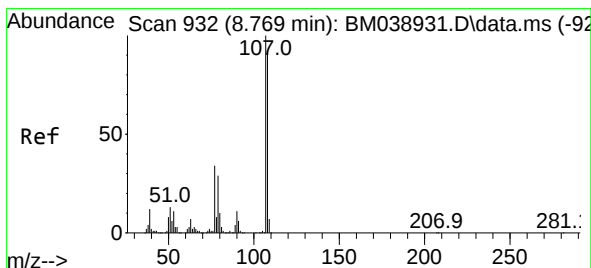
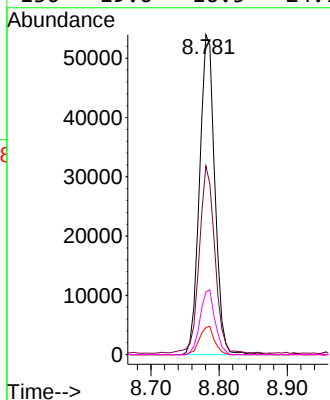
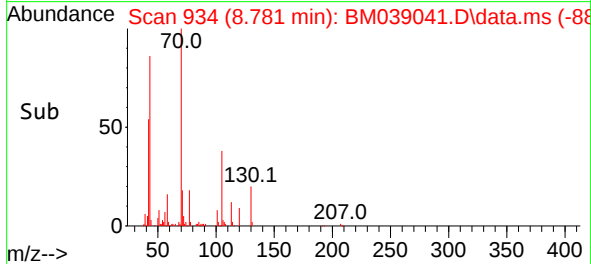
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 70 Resp: 84186
Ion Ratio Lower Upper
70 100
42 59.0 43.4 65.2
101 8.5 7.6 11.4
130 19.6 16.5 24.7

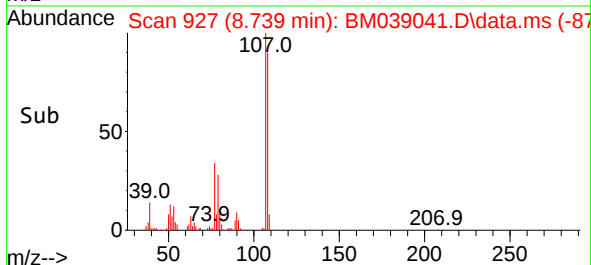
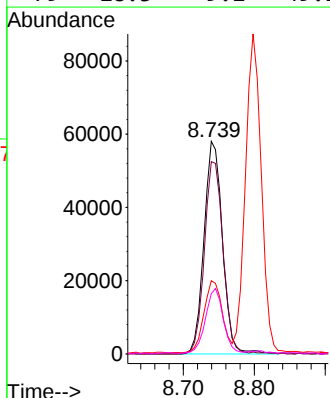
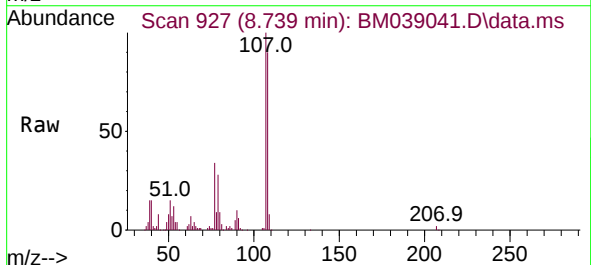
Manual Integrations
APPROVED

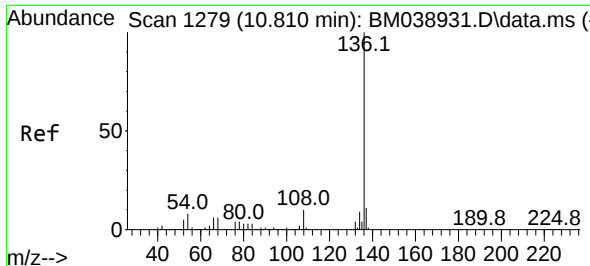
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#20
3+4-Methylphenols
Concen: 3.320 ng
RT: 8.739 min Scan# 927
Delta R.T. -0.012 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

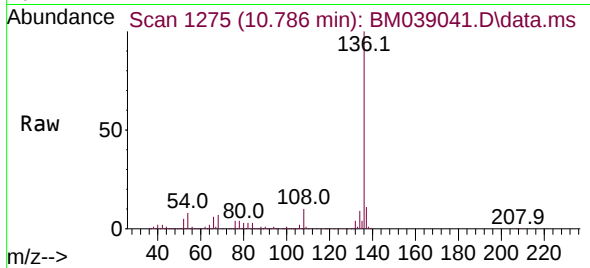
Tgt Ion:107 Resp: 104836
Ion Ratio Lower Upper
107 100
108 90.4 71.8 111.8
77 34.4 13.6 53.6
79 28.3 9.2 49.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.786 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

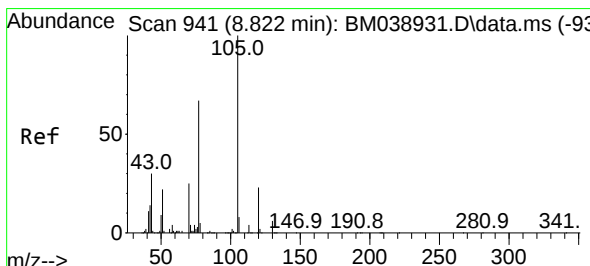
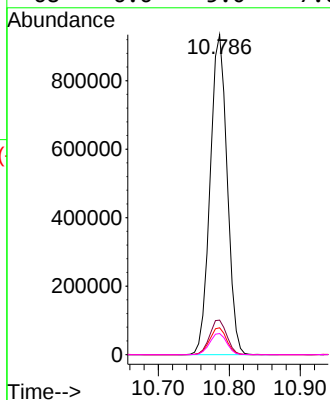
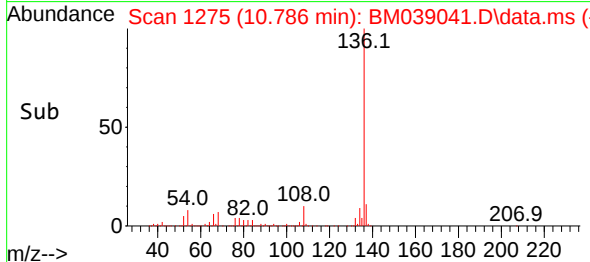
Instrument : BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:136 Resp: 1550634
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.4 6.3 9.5
68 6.6 5.0 7.6

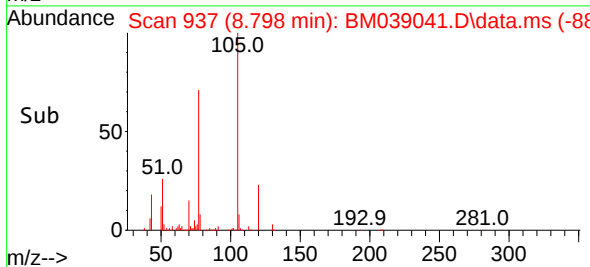
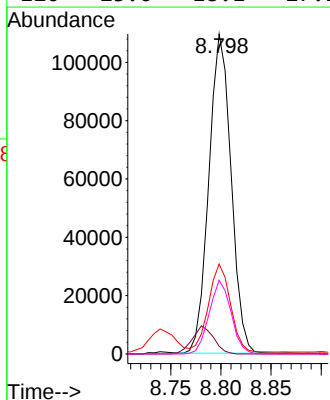
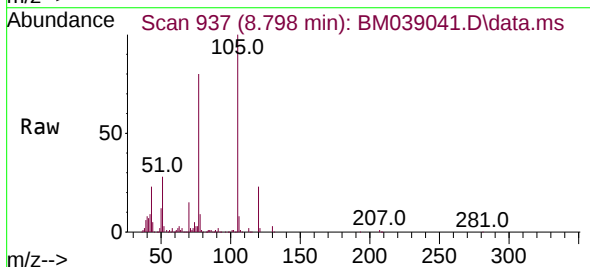
Manual Integrations
APPROVED

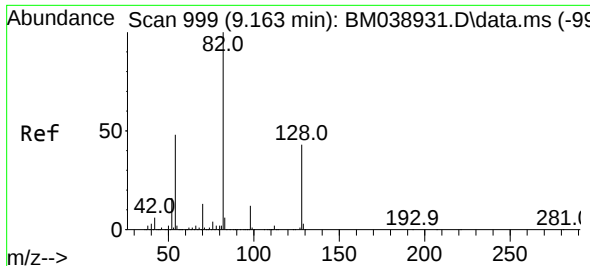
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#22
Acetophenone
Concen: 3.871 ng
RT: 8.798 min Scan# 937
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

Tgt Ion:105 Resp: 168395
Ion Ratio Lower Upper
105 100
71 2.4 3.4 5.0#
51 28.1 21.0 31.4
120 23.0 18.1 27.1





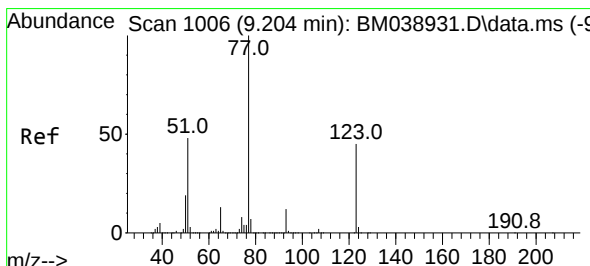
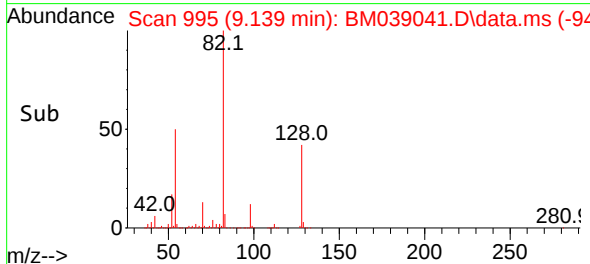
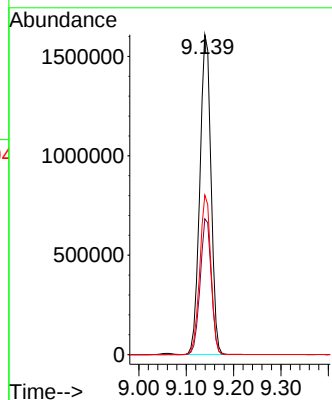
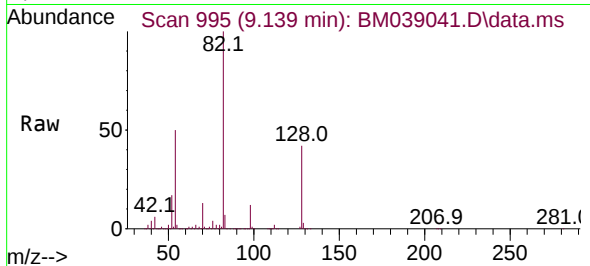
#23
Nitrobenzene-d5
Concen: 83.380 ng
RT: 9.139 min Scan# 999
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion: 82 Resp: 2632116
Ion Ratio Lower Upper
82 100
128 42.4 34.4 51.6
54 49.8 38.8 58.2

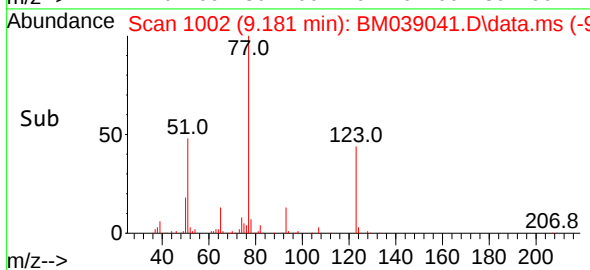
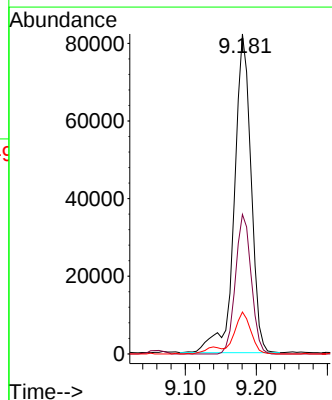
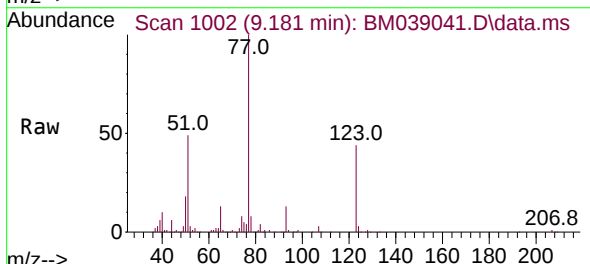
Manual Integrations
APPROVED

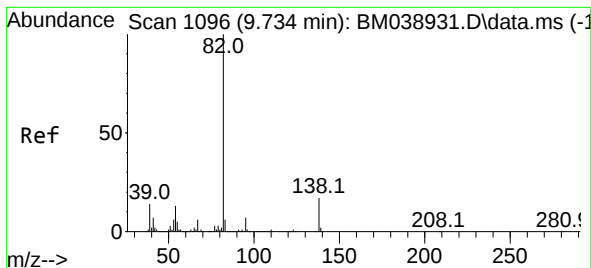
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#24
Nitrobenzene
Concen: 4.044 ng
RT: 9.181 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

Tgt Ion: 77 Resp: 134185
Ion Ratio Lower Upper
77 100
123 43.6 35.8 53.6
65 13.1 10.2 15.4





#25

Isophorone

Concen: 3.849 ng

RT: 9.710 min Scan# 1096

Delta R.T. -0.006 min

Lab File: BM039041.D

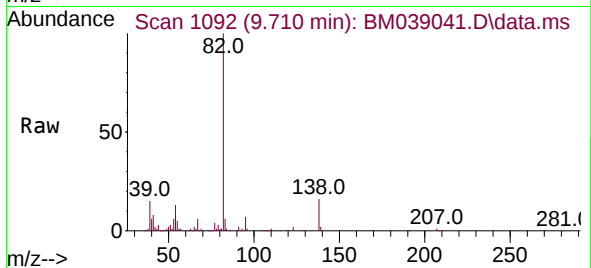
Acq: 20 Mar 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2023



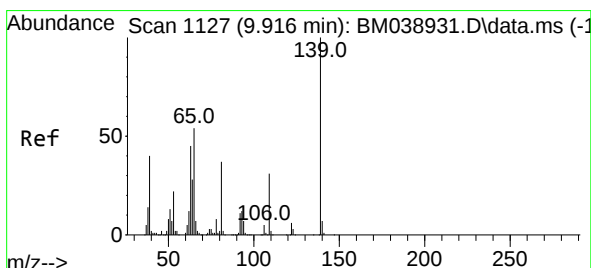
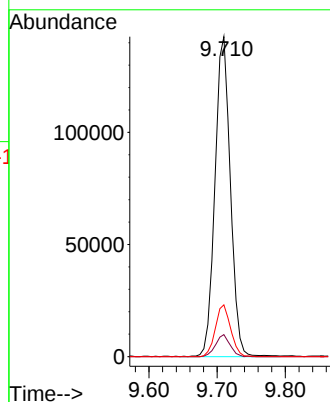
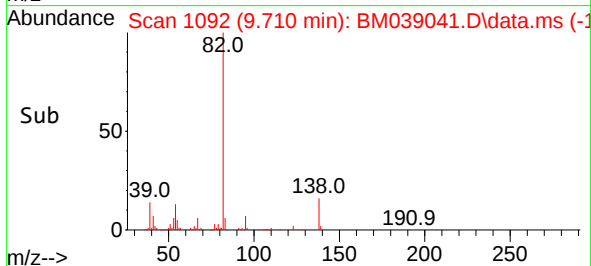
Tgt Ion:	82	Resp:	223584
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.2	7.8
138	16.2	13.6	20.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/21/2023

Supervised By :Jagrut Upadhyay 03/21/2023



#26

2-Nitrophenol

Concen: 5.758 ng

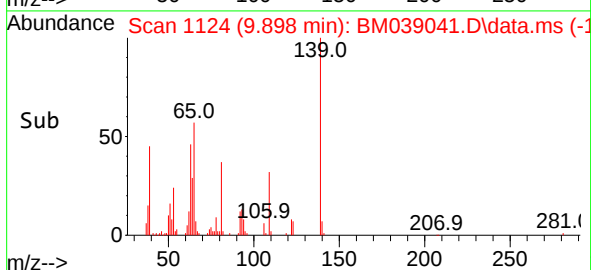
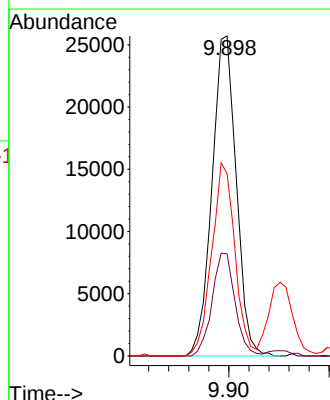
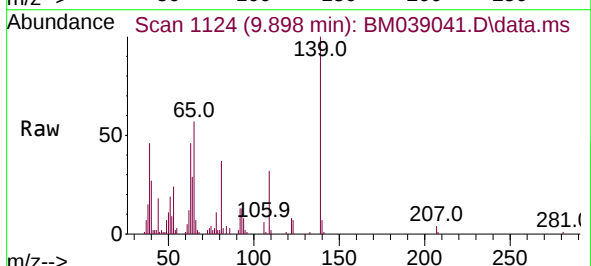
RT: 9.898 min Scan# 1124

Delta R.T. -0.000 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

Tgt Ion:	139	Resp:	43242
Ion Ratio	Lower	Upper	
139	100		
109	31.9	24.5	36.7
65	56.9	43.0	64.6





#27

2,4-Dimethylphenol

Concen: 3.423 ng

RT: 9.951 min Scan# 1133

Delta R.T. -0.006 min

Lab File: BM039041.D

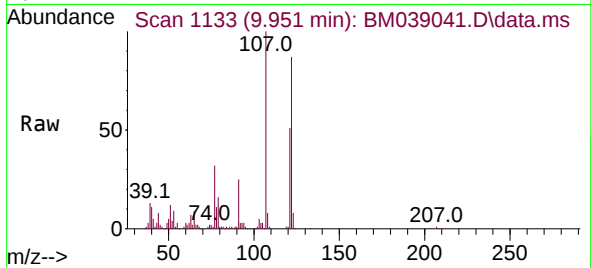
Acq: 20 Mar 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2023



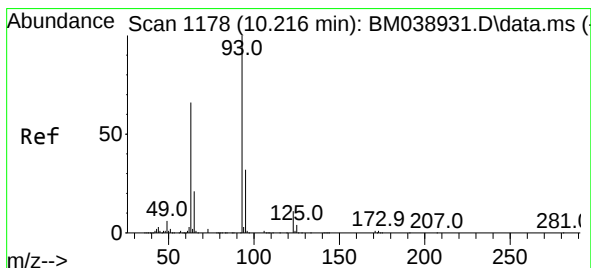
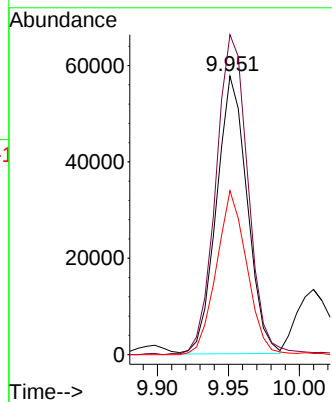
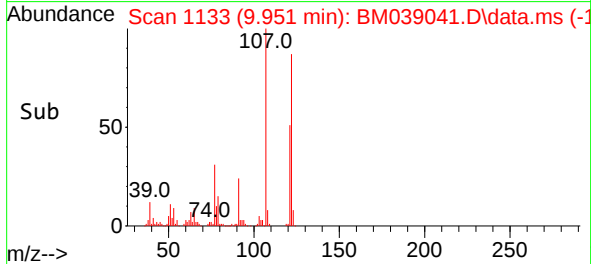
Tgt Ion:	122	Resp:	8663
Ion	Ratio	Lower	Upper
122	100		
107	114.9	91.0	136.4
121	58.9	45.1	67.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/21/2023

Supervised By :Jagrut Upadhyay 03/21/2023



#28

bis(2-Chloroethoxy)methane

Concen: 3.891 ng

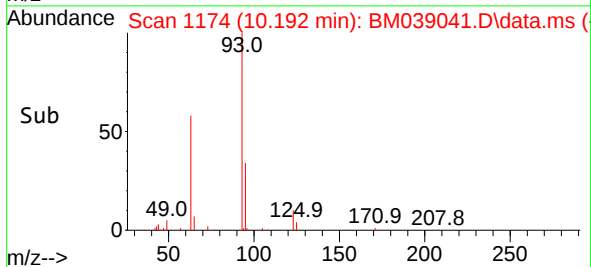
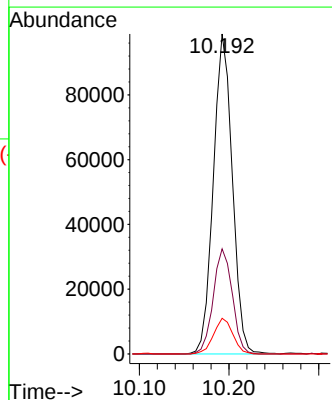
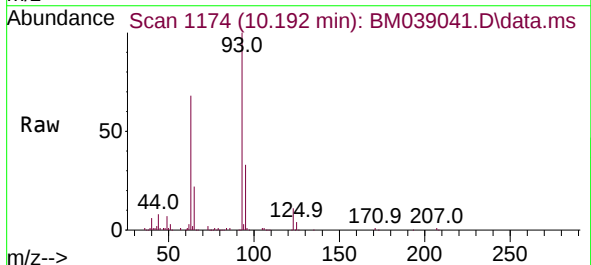
RT: 10.192 min Scan# 1174

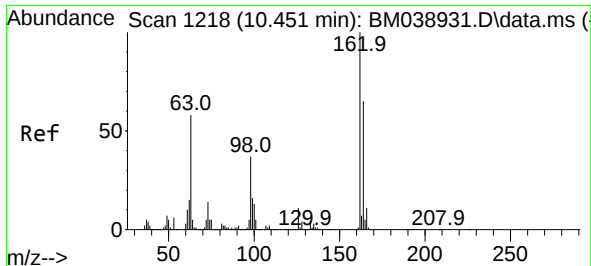
Delta R.T. -0.006 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

Tgt Ion:	93	Resp:	145242
Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.9	38.9
123	11.1	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 3.245 ng

RT: 10.428 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BM039041.D

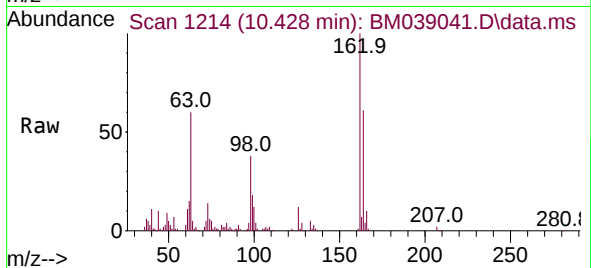
Acq: 20 Mar 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2023

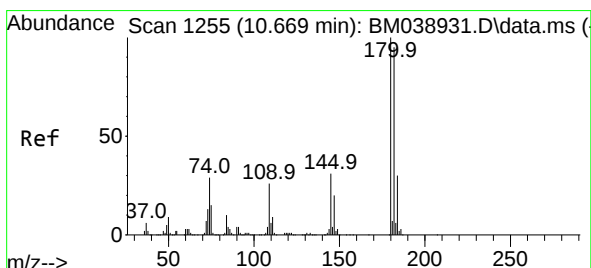
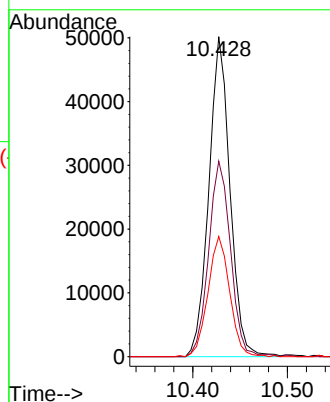
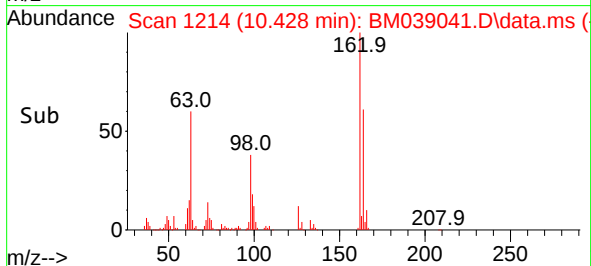


Tgt Ion:	162	Resp:	77874
Ion Ratio	Lower	Upper	
162	100		
164	61.1	44.6	84.6
98	37.5	17.5	57.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#30

1,2,4-Trichlorobenzene

Concen: 3.656 ng

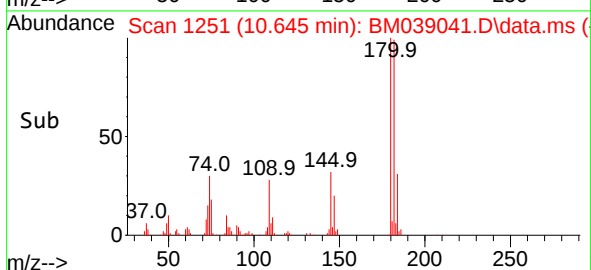
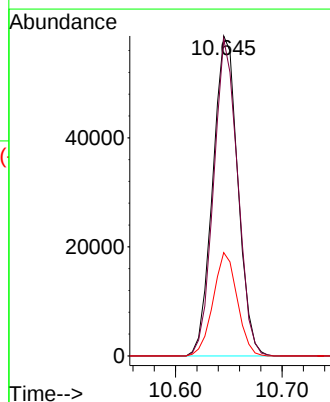
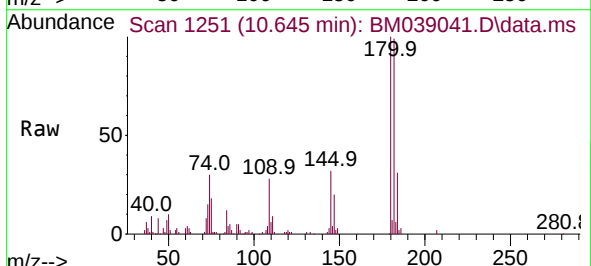
RT: 10.645 min Scan# 1251

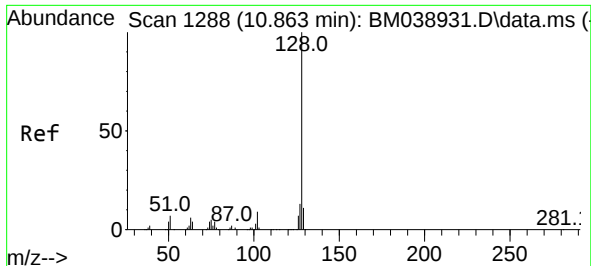
Delta R.T. -0.006 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

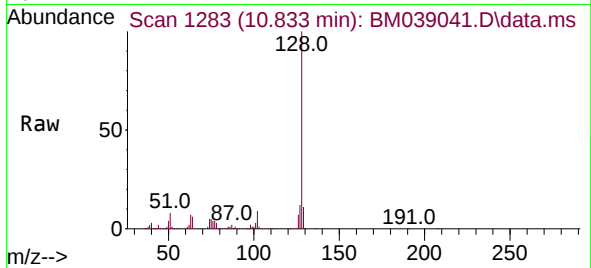
Tgt Ion:	180	Resp:	95865
Ion Ratio	Lower	Upper	
180	100		
182	99.1	76.3	114.5
145	32.3	25.0	37.4





#31
Naphthalene
Concen: 3.668 ng
RT: 10.833 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

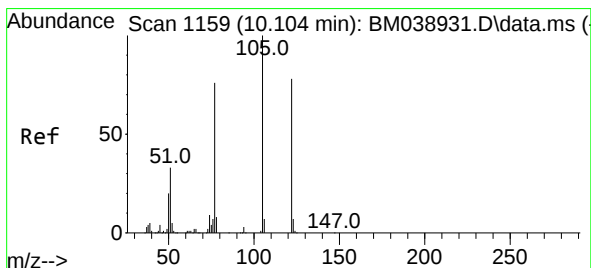
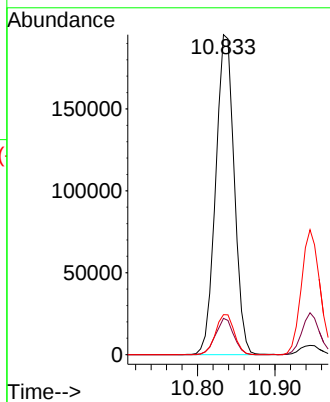
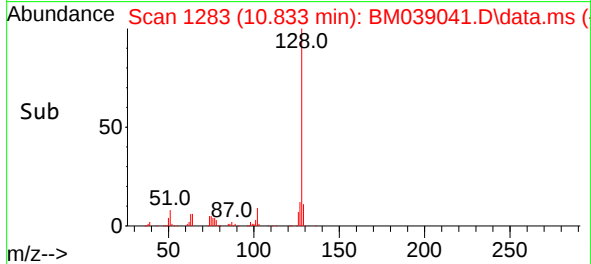
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:128 Resp: 32433
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 12.5 10.2 15.4

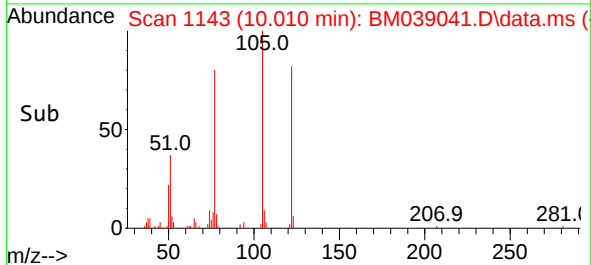
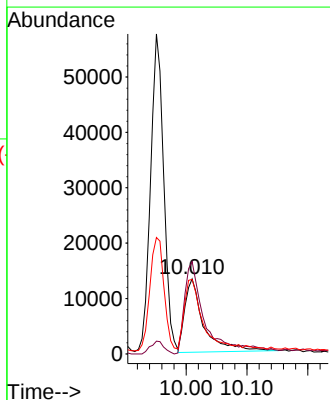
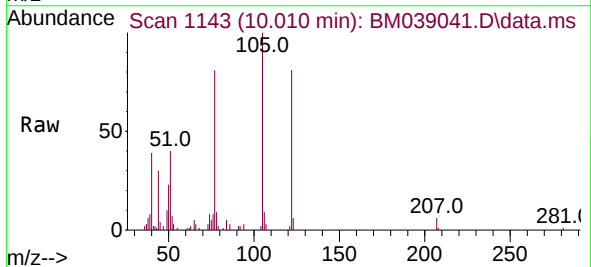
Manual Integrations
APPROVED

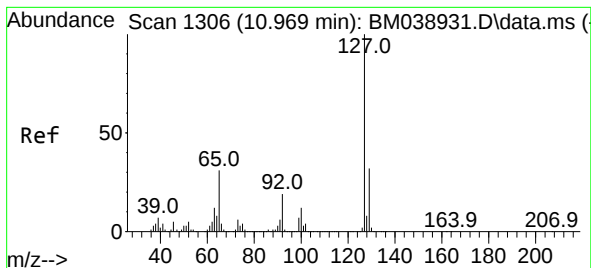
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#32
Benzoic acid
Concen: 7.098 ng
RT: 10.010 min Scan# 1143
Delta R.T. -0.088 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

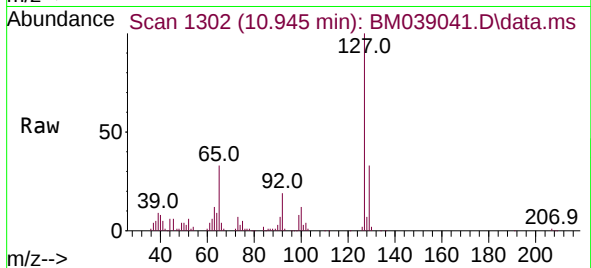
Tgt Ion:122 Resp: 28786
Ion Ratio Lower Upper
122 100
105 123.0 104.2 144.2
77 99.3 75.1 115.1





#33
4-Chloroaniline
Concen: 3.430 ng
RT: 10.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

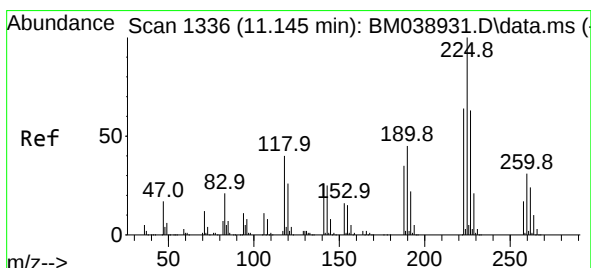
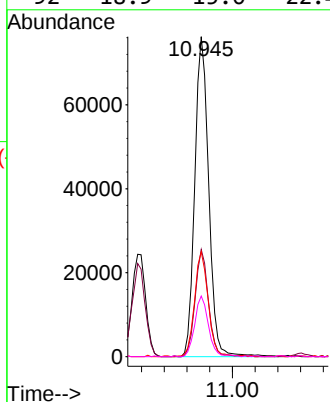
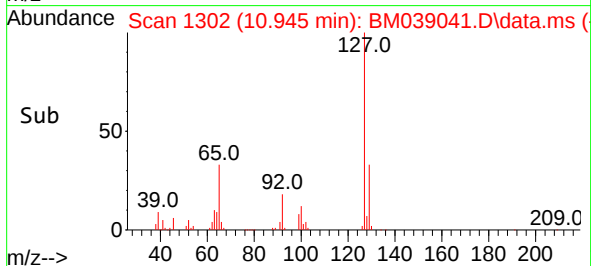
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:127 Resp: 129249
Ion Ratio Lower Upper
127 100
129 33.5 25.4 38.2
65 32.8 24.4 36.6
92 18.9 15.0 22.4

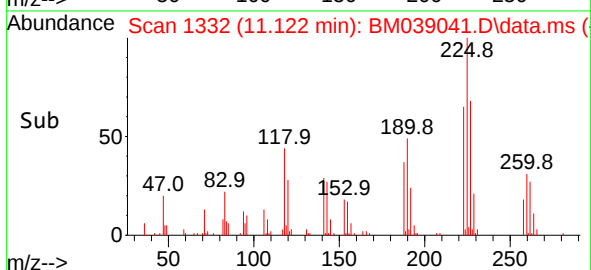
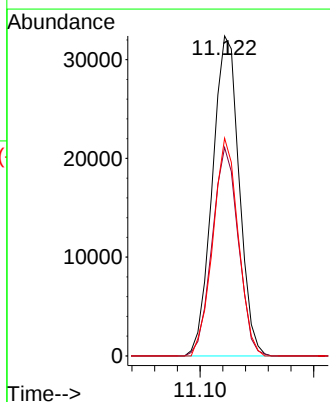
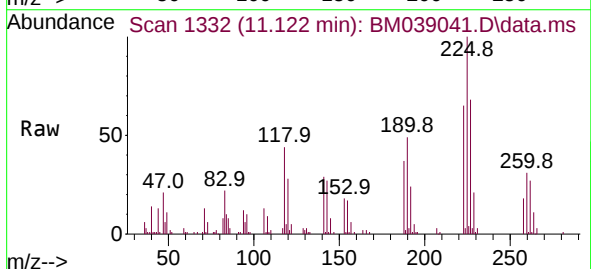
Manual Integrations
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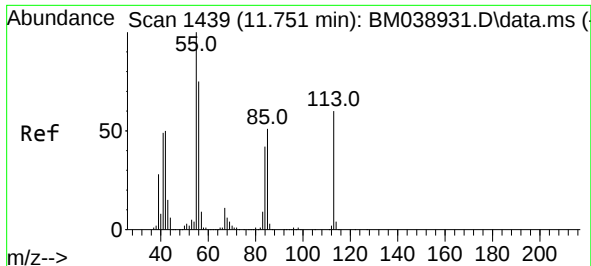
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#34
Hexachlorobutadiene
Concen: 3.519 ng
RT: 11.122 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

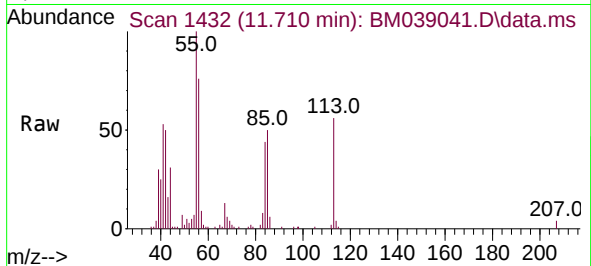
Tgt Ion:225 Resp: 52914
Ion Ratio Lower Upper
225 100
223 68.1 51.3 76.9
227 68.0 50.6 76.0





#35
 Caprolactam
 Concen: 3.341 ng
 RT: 11.710 min Scan# 1439
 Delta R.T. -0.029 min
 Lab File: BM039041.D
 Acq: 20 Mar 2023 12:52

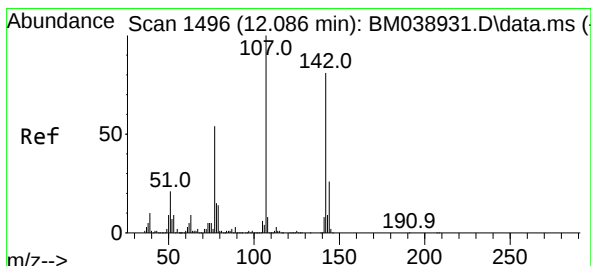
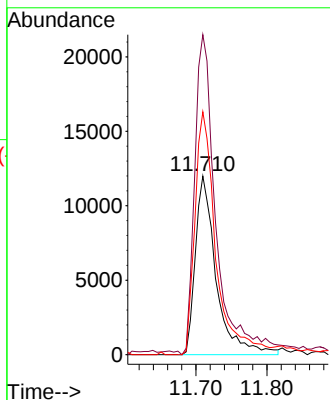
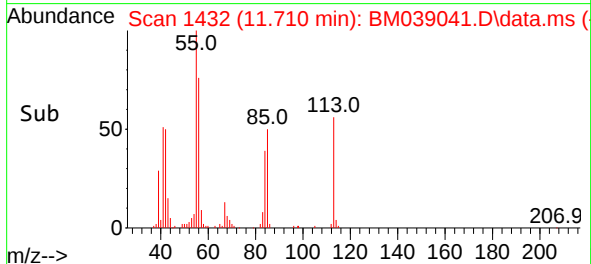
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT1-2023



Tgt Ion:113 Resp: 24403
 Ion Ratio Lower Upper
 113 100
 55 179.2 147.0 187.0
 56 136.0 105.1 145.1

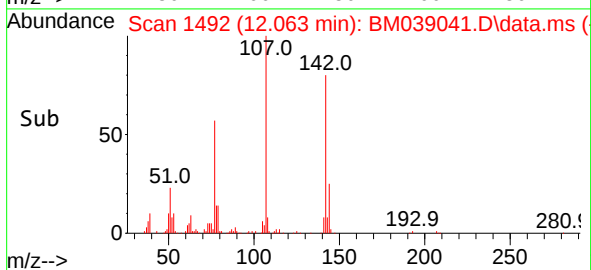
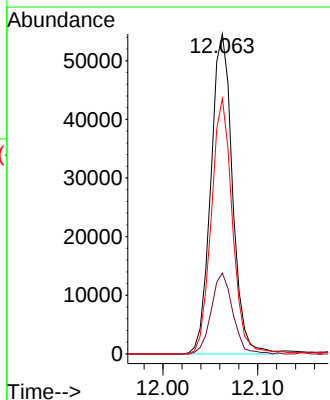
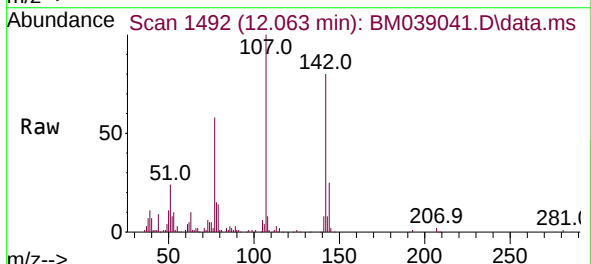
Manual Integrations
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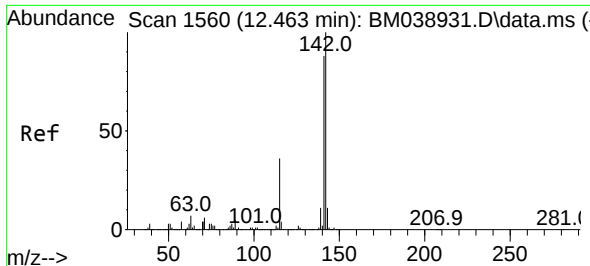
Reviewed By :Christian Giraldo 03/21/2023
 Supervised By :Jagrut Upadhyay 03/21/2023



#36
 4-Chloro-3-methylphenol
 Concen: 3.389 ng
 RT: 12.063 min Scan# 1492
 Delta R.T. -0.006 min
 Lab File: BM039041.D
 Acq: 20 Mar 2023 12:52

Tgt Ion:107 Resp: 86599
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.7 31.1
 142 79.9 64.6 97.0





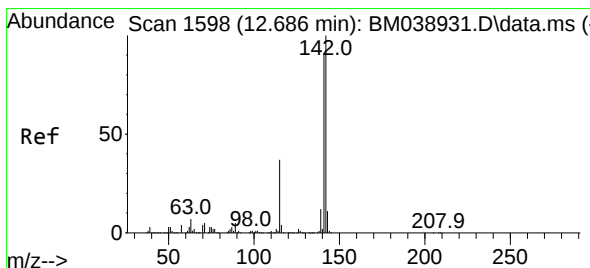
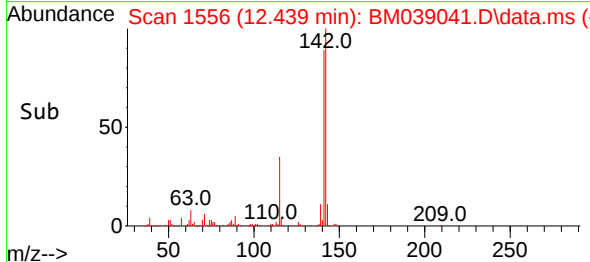
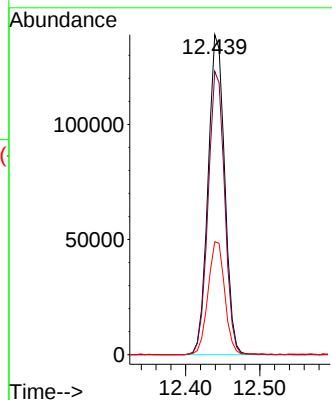
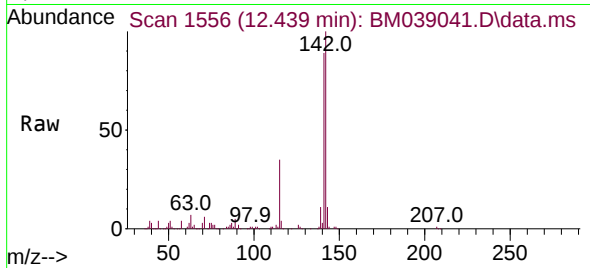
#37
2-Methylnaphthalene
Concen: 3.644 ng
RT: 12.439 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion:142 Resp: 215929
Ion Ratio Lower Upper
142 100
141 88.5 70.6 106.0
115 35.3 28.5 42.7

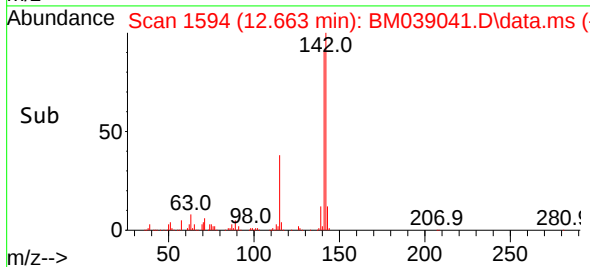
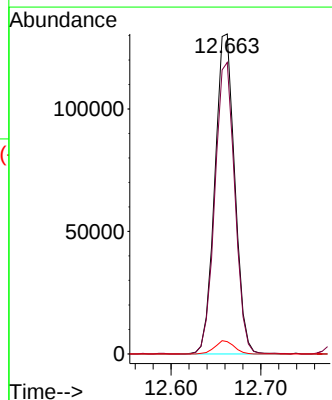
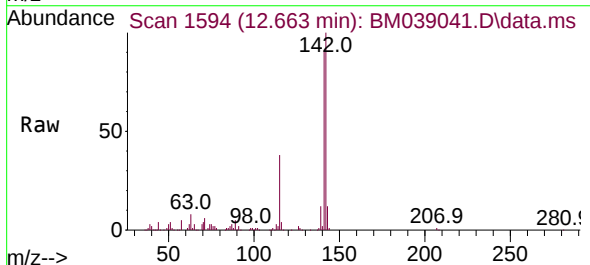
Manual Integrations
APPROVED

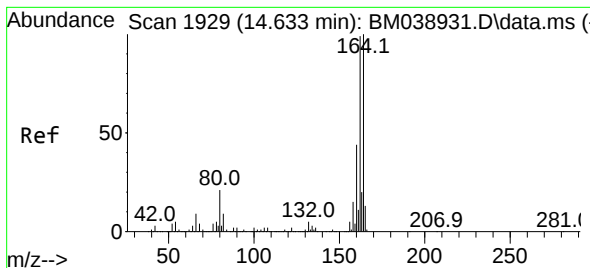
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#38
1-Methylnaphthalene
Concen: 3.645 ng
RT: 12.663 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

Tgt Ion:142 Resp: 202420
Ion Ratio Lower Upper
142 100
141 91.1 72.8 109.2
116 3.8 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.610 min Scan# 1929

Delta R.T. -0.006 min

Lab File: BM039041.D

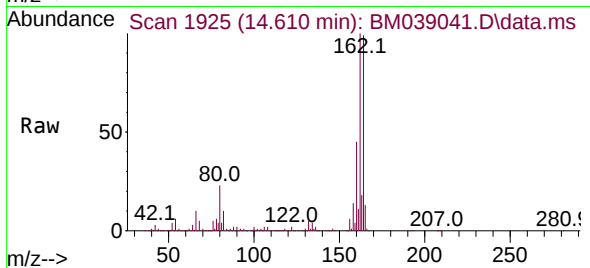
Acq: 20 Mar 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2023



Tgt Ion:164 Resp: 951574

Ion Ratio Lower Upper

164 100

162 101.0 79.2 118.8

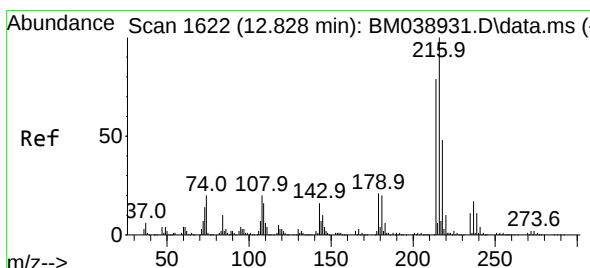
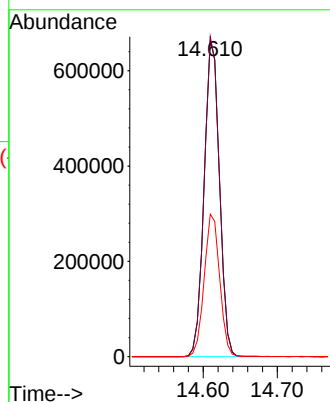
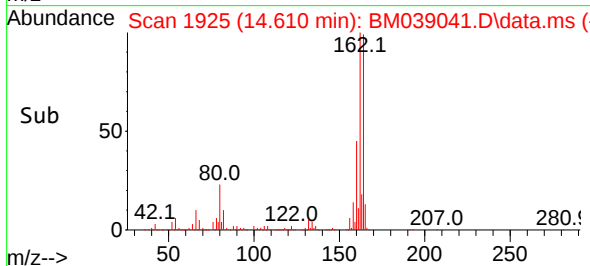
160 45.0 35.5 53.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/21/2023

Supervised By :Jagrut Upadhyay 03/21/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.350 ng

RT: 12.810 min Scan# 1619

Delta R.T. -0.006 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

Tgt Ion:216 Resp: 103633

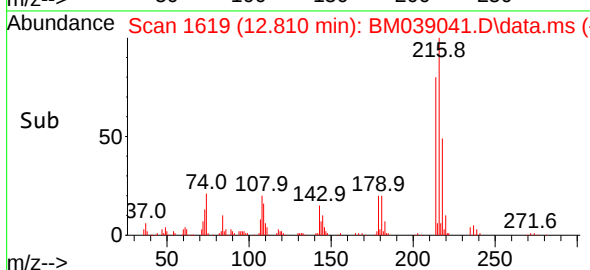
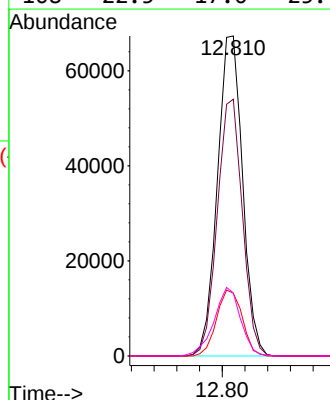
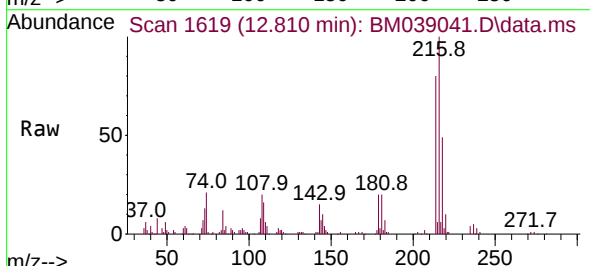
Ion Ratio Lower Upper

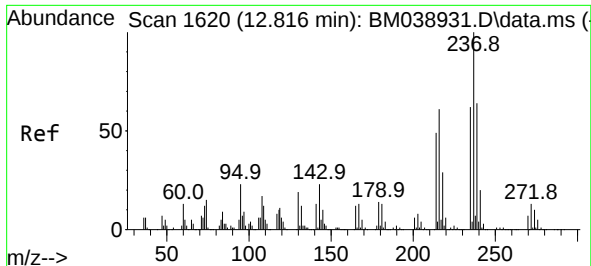
216 100

214 79.8 63.0 94.4

179 20.9 16.8 25.2

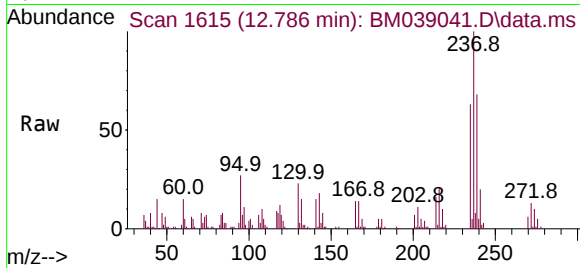
108 22.5 17.0 25.4





#41
Hexachlorocyclopentadiene
Concen: 3.307 ng
RT: 12.786 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

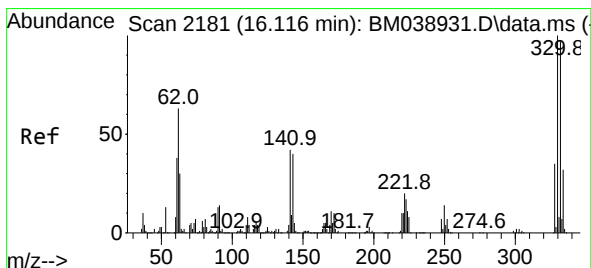
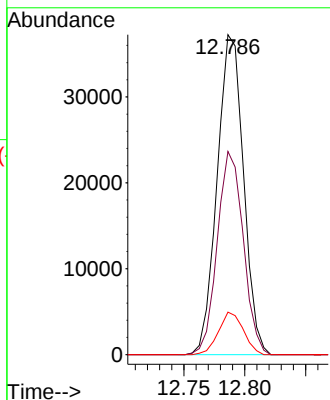
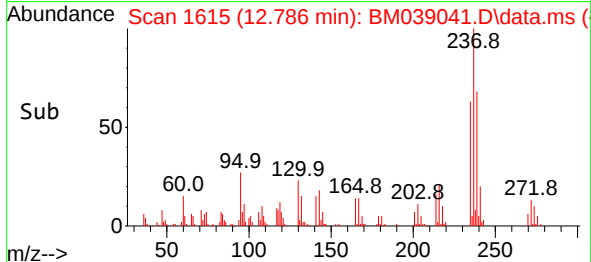
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:237 Resp: 56163
Ion Ratio Lower Upper
237 100
235 63.5 41.7 81.7
272 13.3 0.0 33.2

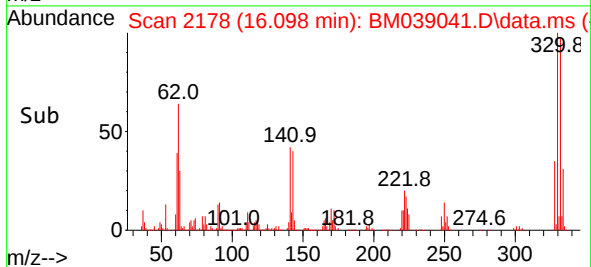
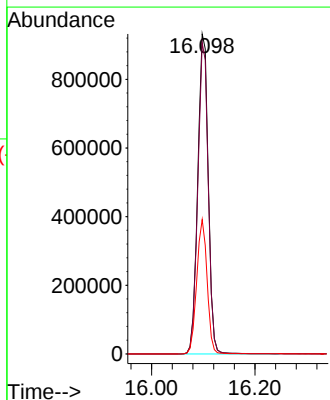
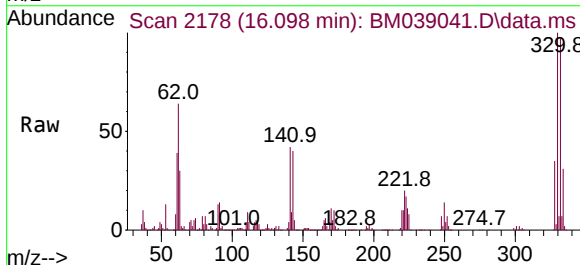
Manual Integrations
APPROVED

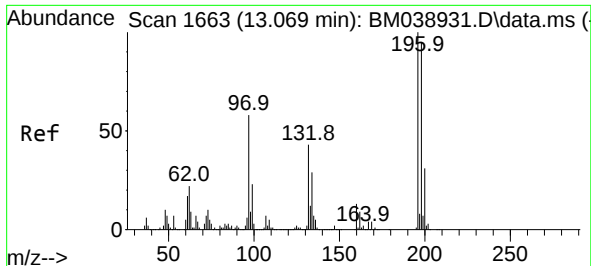
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#42
2,4,6-Tribromophenol
Concen: 119.290 ng
RT: 16.098 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

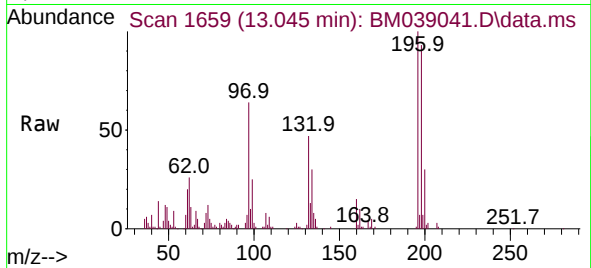
Tgt Ion:330 Resp: 1313166
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.0
141 41.5 32.2 48.4





#43
2,4,6-Trichlorophenol
Concen: 2.916 ng
RT: 13.045 min Scan# 1659
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

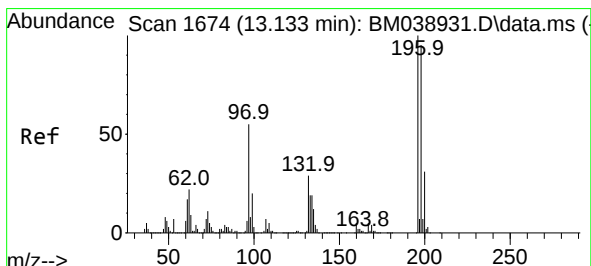
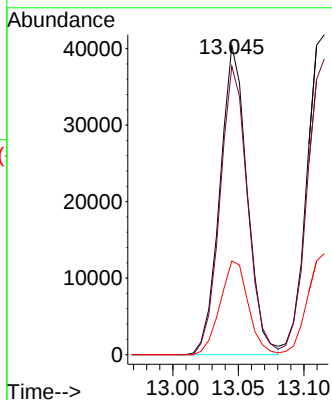
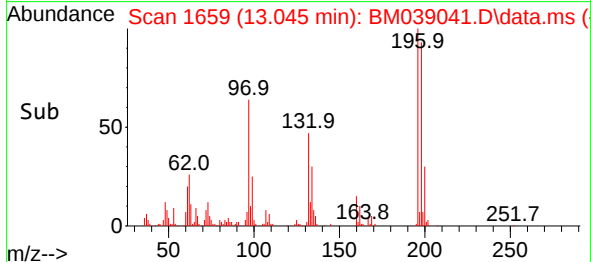
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT1-2023



Tgt Ion:196 Resp: 58412
Ion Ratio Lower Upper
196 100
198 93.3 75.8 113.8
200 30.3 25.0 37.4

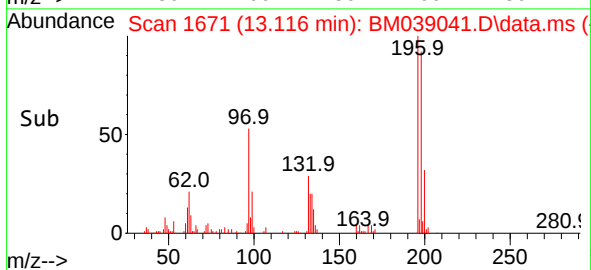
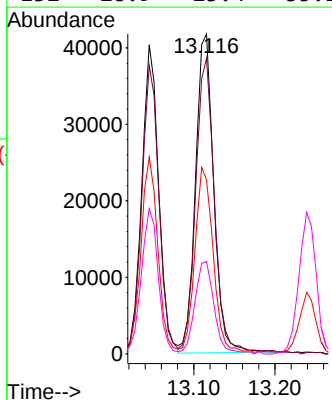
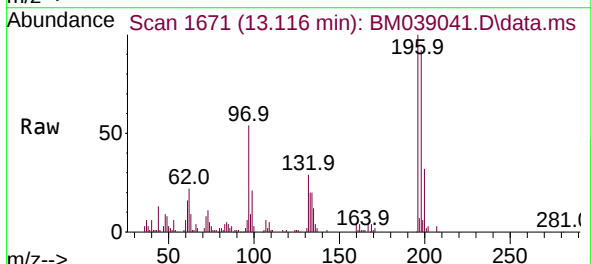
Manual Integrations
APPROVED

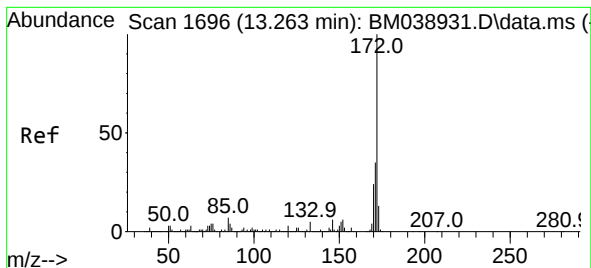
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#44
2,4,5-Trichlorophenol
Concen: 2.769 ng
RT: 13.116 min Scan# 1671
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

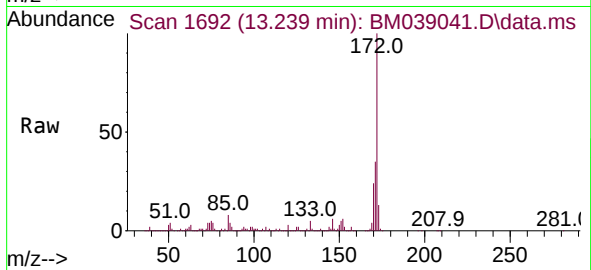
Tgt Ion:196 Resp: 64919
Ion Ratio Lower Upper
196 100
198 92.4 76.3 114.5
97 54.3 44.2 66.4
132 28.9 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 76.609 ng
RT: 13.239 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

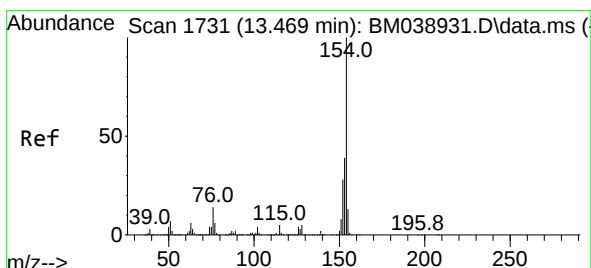
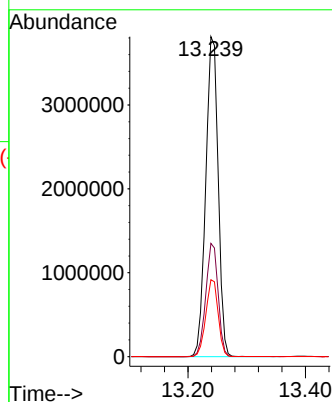
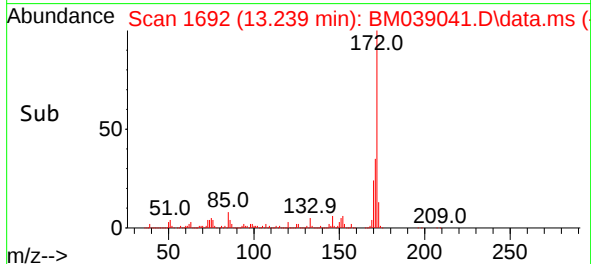
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:172 Resp: 5599907
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 24.0 19.1 28.7

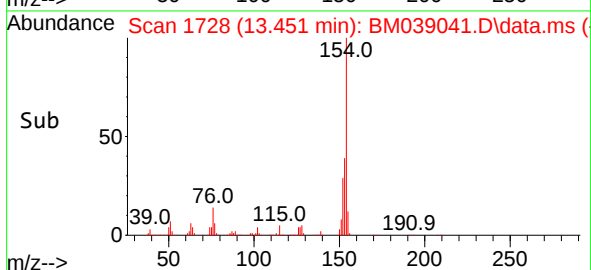
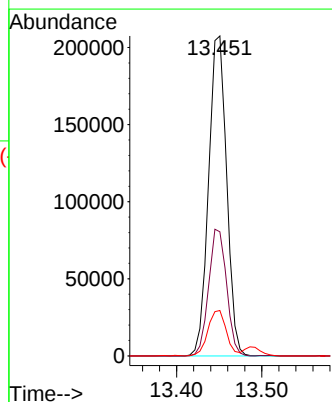
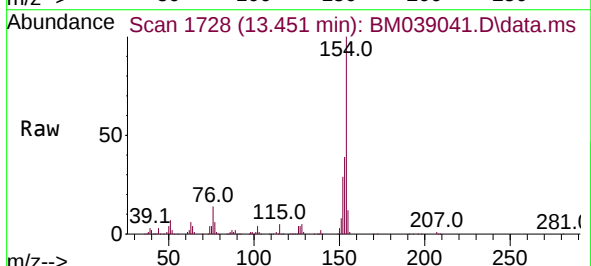
Manual Integrations
APPROVED

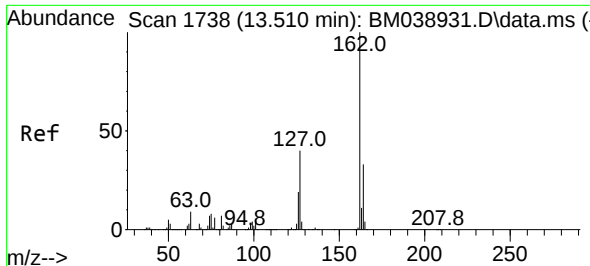
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#46
1,1'-Biphenyl
Concen: 3.784 ng
RT: 13.451 min Scan# 1728
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

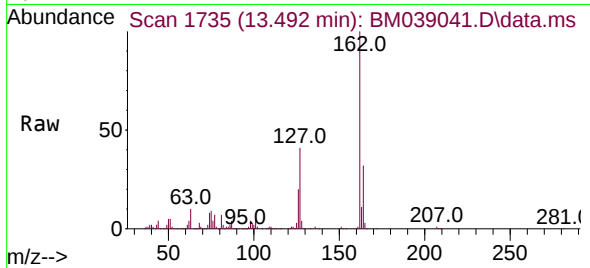
Tgt Ion:154 Resp: 305076
Ion Ratio Lower Upper
154 100
153 38.8 19.3 59.3
76 14.2 0.0 34.0





#47
2-Chloronaphthalene
Concen: 3.611 ng
RT: 13.492 min Scan# 1735
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

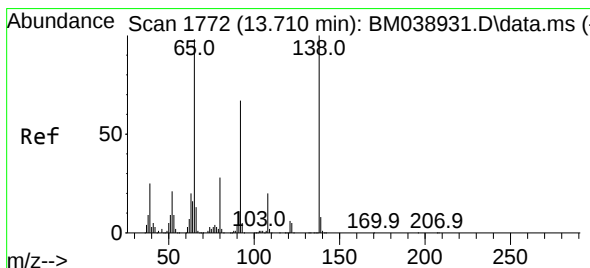
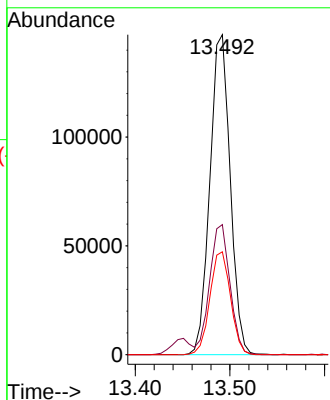
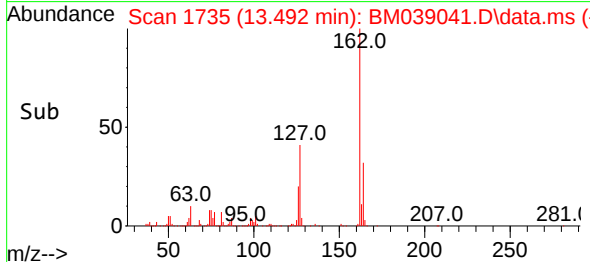
Instrument : BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:162 Resp: 219493
Ion Ratio Lower Upper
162 100
127 40.6 32.1 48.1
164 32.1 26.2 39.4

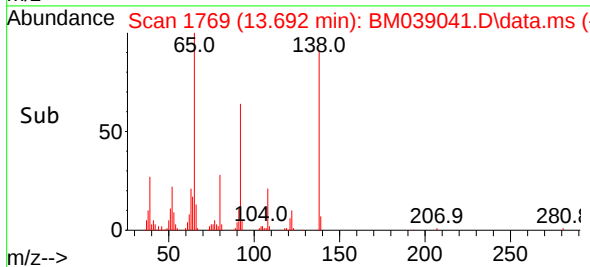
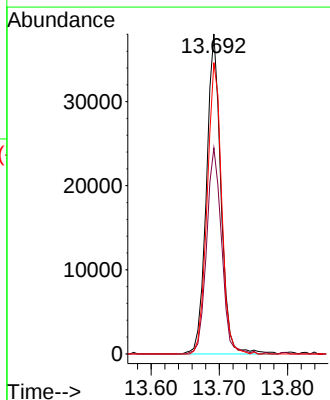
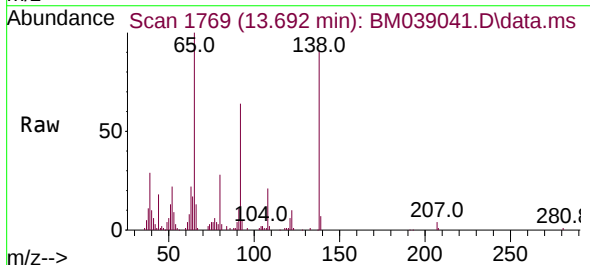
Manual Integrations
APPROVED

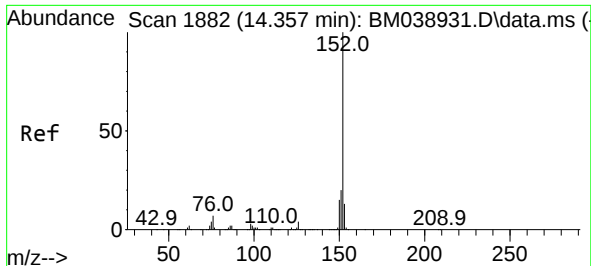
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#48
2-Nitroaniline
Concen: 4.957 ng
RT: 13.692 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

Tgt Ion: 65 Resp: 55947
Ion Ratio Lower Upper
65 100
92 64.4 54.9 82.3
138 91.0 81.6 122.4





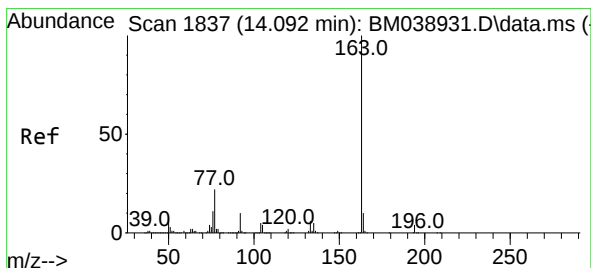
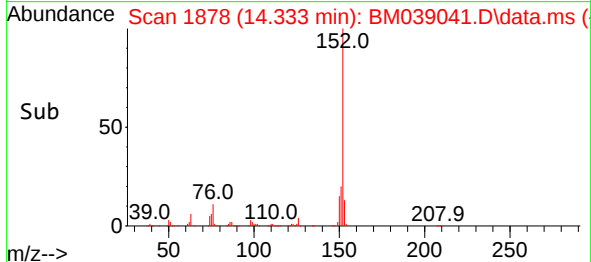
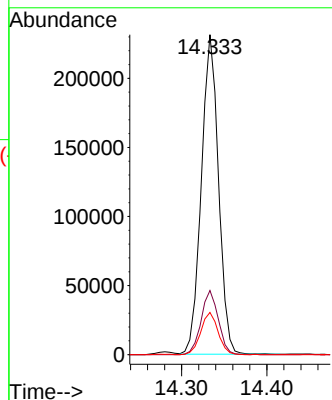
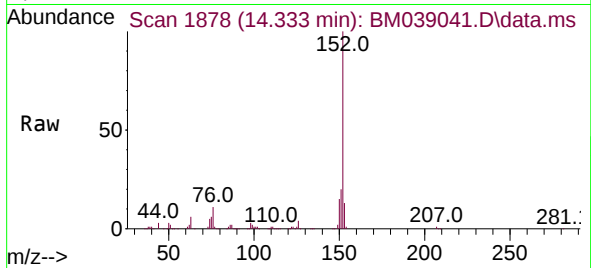
#49
Acenaphthylene
Concen: 3.338 ng
RT: 14.333 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

Instrument : BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion:152 Resp: 323205
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 13.2 10.4 15.6

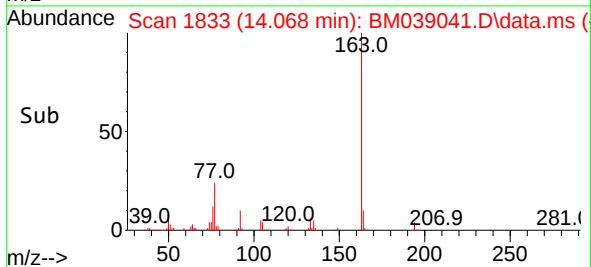
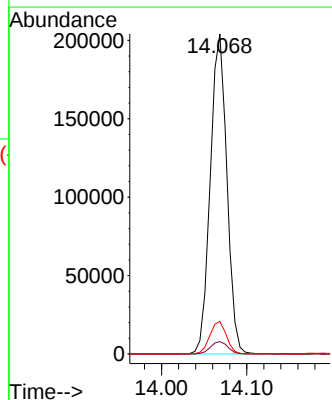
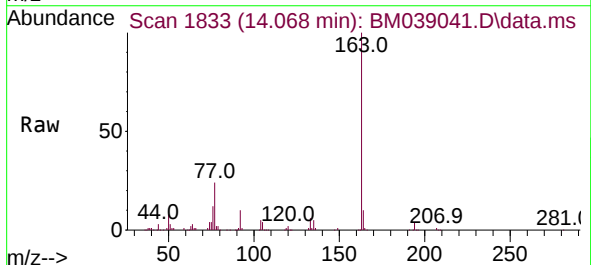
Manual Integrations
APPROVED

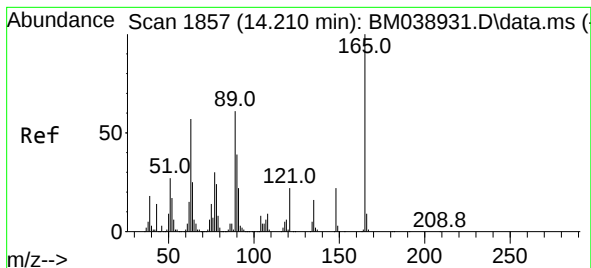
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#50
Dimethylphthalate
Concen: 3.768 ng
RT: 14.068 min Scan# 1833
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

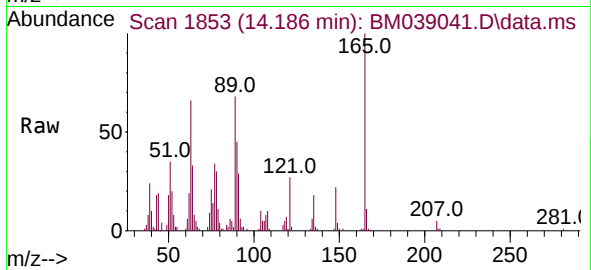
Tgt Ion:163 Resp: 275931
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.1 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 4.384 ng
RT: 14.186 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

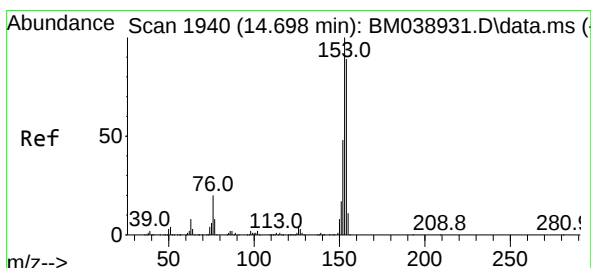
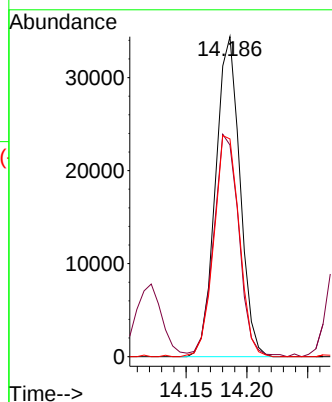
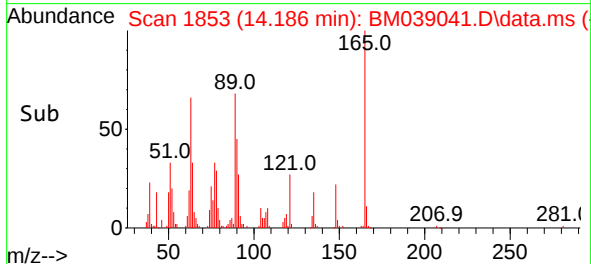
Instrument : BNA_M
Client Sample Id : MDL-WATER-03-QT1-2023



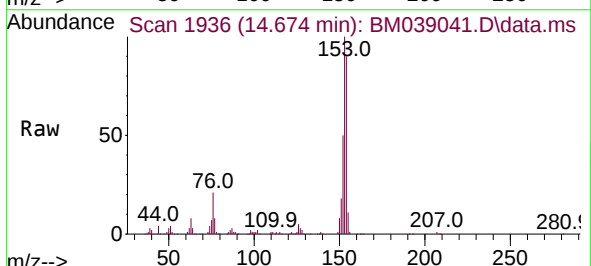
Tgt Ion:165 Resp: 47836
Ion Ratio Lower Upper
165 100
63 66.1 46.6 70.0
89 68.0 48.6 73.0

Manual Integrations
APPROVED

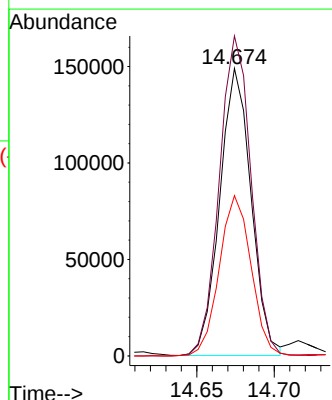
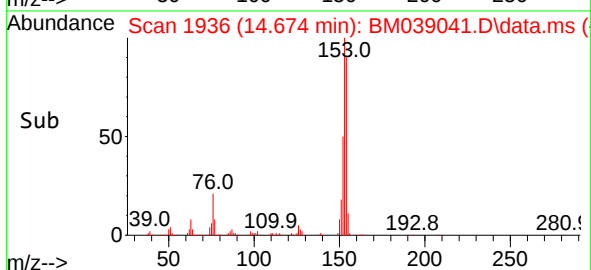
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023

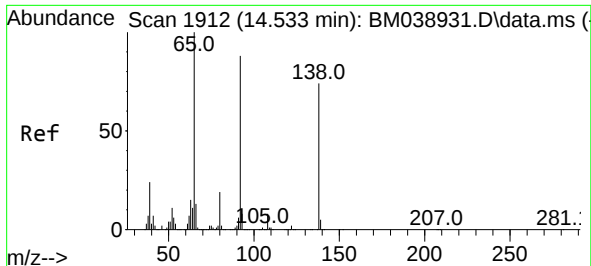


#52
Acenaphthene
Concen: 3.522 ng
RT: 14.674 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52



Tgt Ion:154 Resp: 209612
Ion Ratio Lower Upper
154 100
153 111.3 90.2 135.2
152 55.8 43.4 65.2





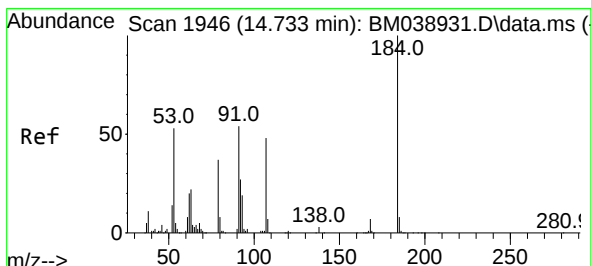
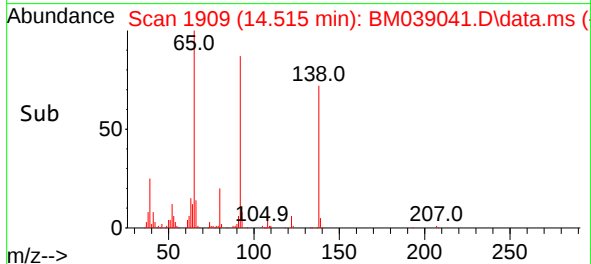
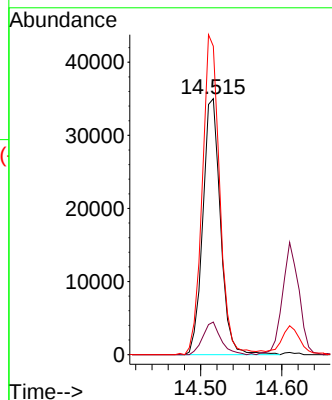
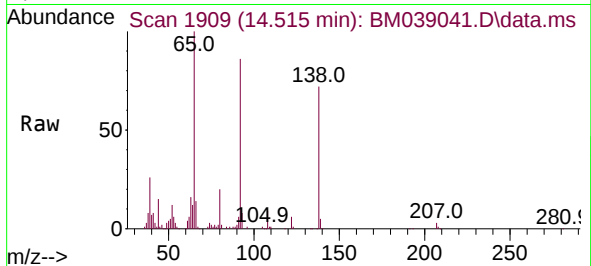
#53
3-Nitroaniline
Concen: 4.287 ng
RT: 14.515 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

Instrument : BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion:138 Resp: 52809
Ion Ratio Lower Upper
138 100
108 12.7 8.3 12.5
92 120.5 95.8 143.8

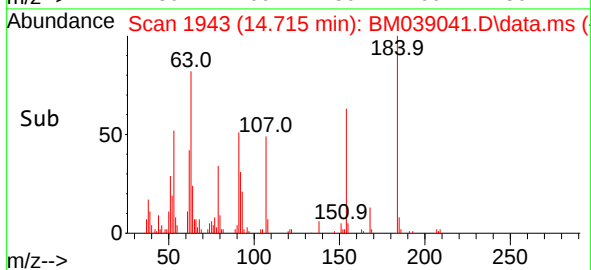
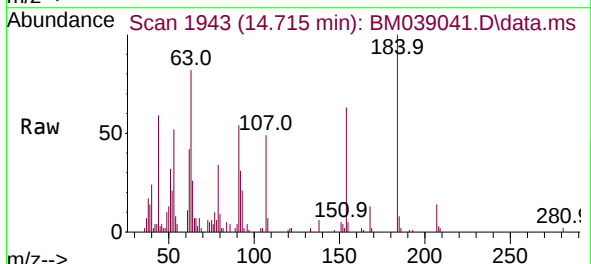
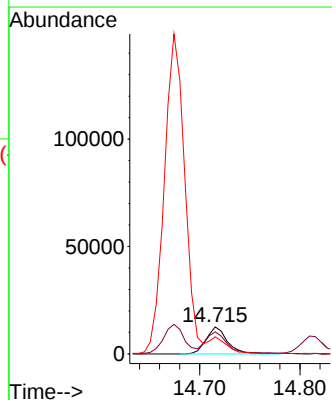
Manual Integrations
APPROVED

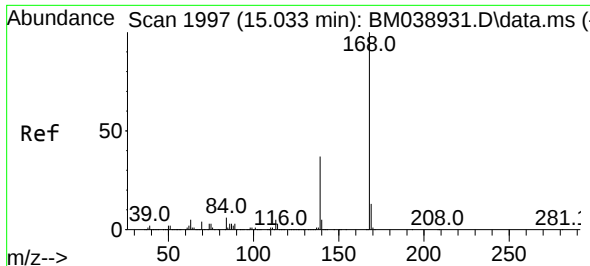
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#54
2,4-Dinitrophenol
Concen: 7.056 ng
RT: 14.715 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

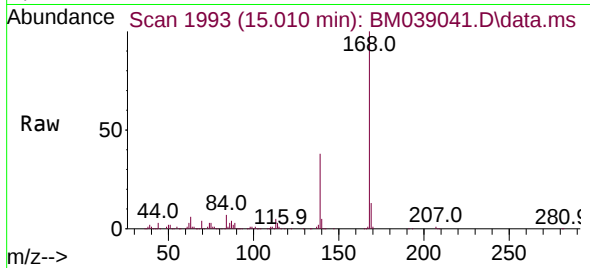
Tgt Ion:184 Resp: 18569
Ion Ratio Lower Upper
184 100
63 81.6 60.6 90.8
154 63.1 51.4 77.2





#55
Dibenzenofuran
Concen: 3.661 ng
RT: 15.010 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

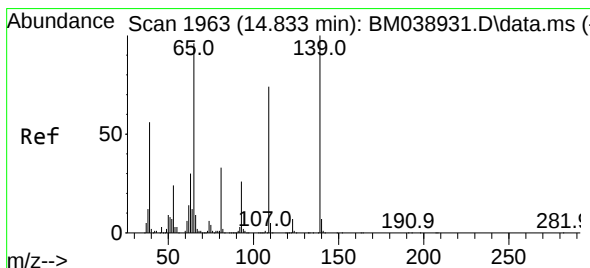
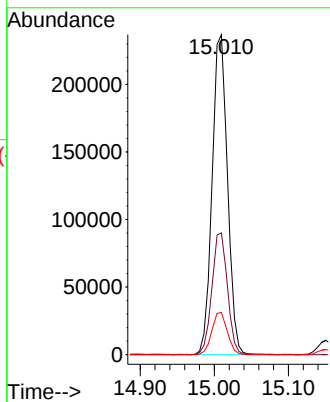
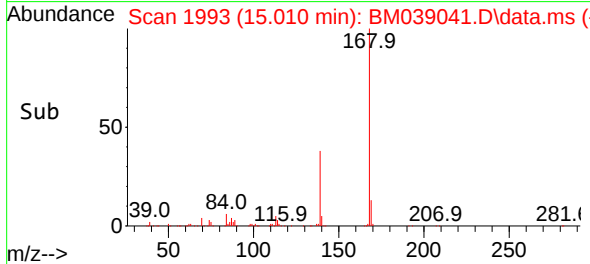
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023



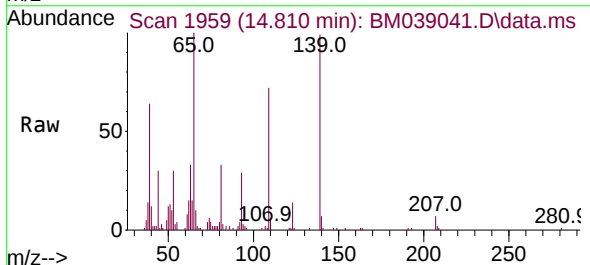
Tgt Ion:168 Resp: 340944
Ion Ratio Lower Upper
168 100
139 38.1 29.9 44.9
169 13.2 10.7 16.1

Manual Integrations
APPROVED

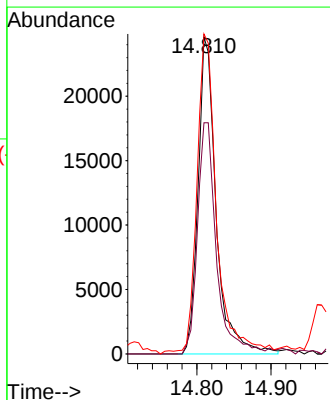
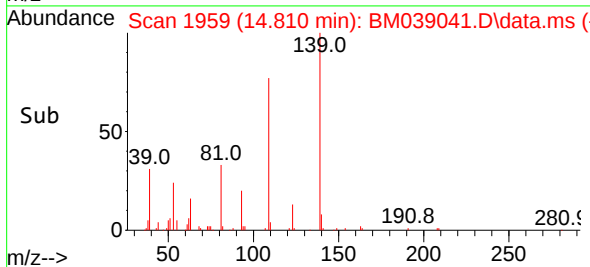
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023

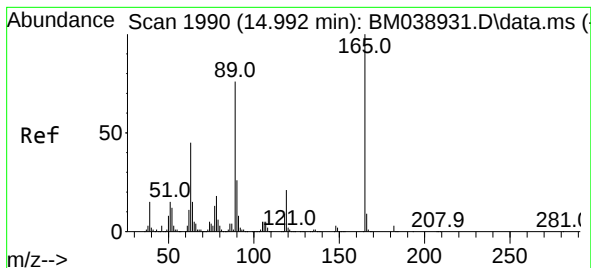


#56
4-Nitrophenol
Concen: 2.874 ng
RT: 14.810 min Scan# 1959
Delta R.T. -0.012 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52



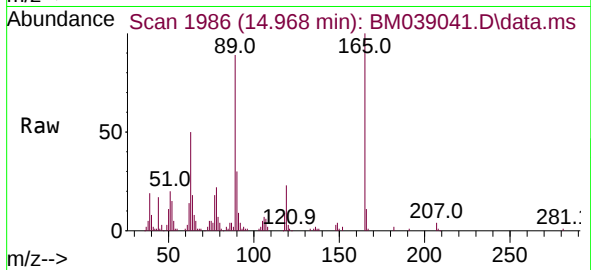
Tgt Ion:139 Resp: 41801
Ion Ratio Lower Upper
139 100
109 72.9 53.5 93.5
65 101.0 76.4 116.4





#57
2,4-Dinitrotoluene
Concen: 4.704 ng
RT: 14.968 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

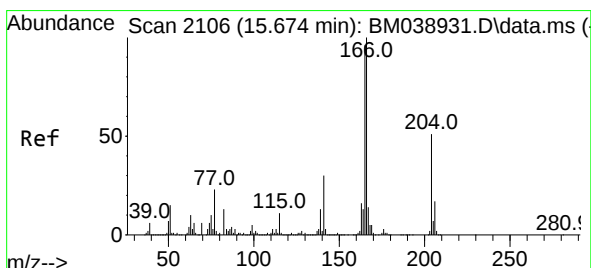
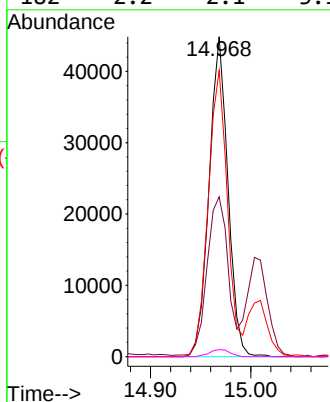
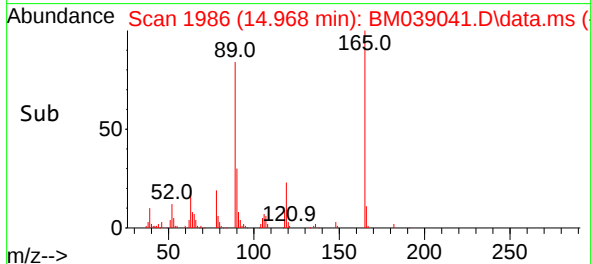
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:165 Resp: 5864
Ion Ratio Lower Upper
165 100
63 49.9 35.9 53.9
89 89.4 61.0 91.6
182 2.2 2.1 3.1

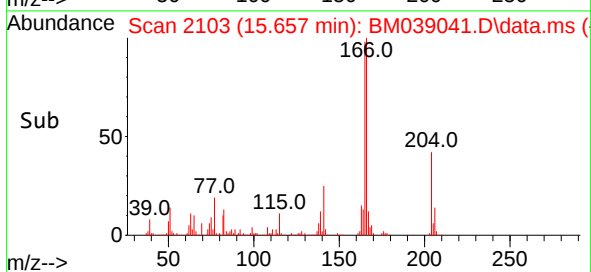
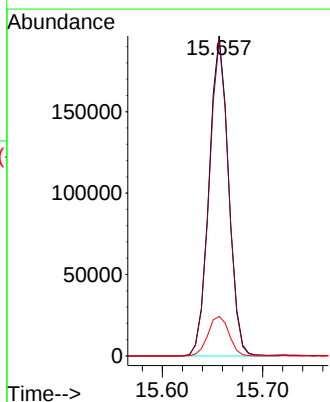
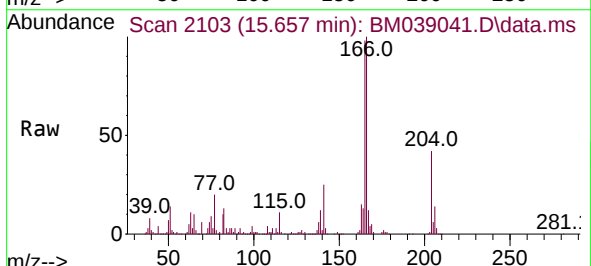
Manual Integrations
APPROVED

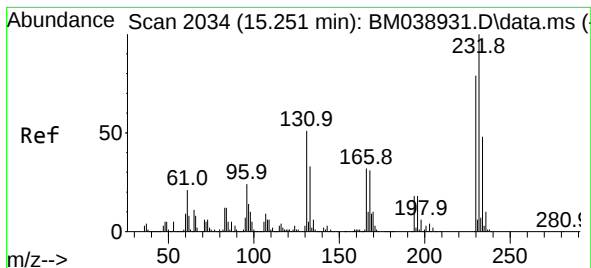
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#58
Fluorene
Concen: 3.633 ng
RT: 15.657 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

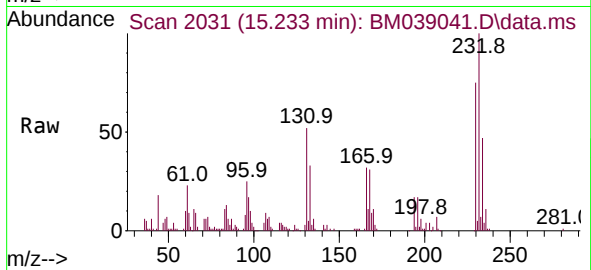
Tgt Ion:166 Resp: 264986
Ion Ratio Lower Upper
166 100
165 98.5 77.1 115.7
167 12.3 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.381 ng
RT: 15.233 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

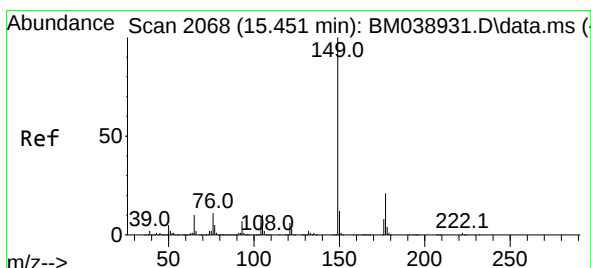
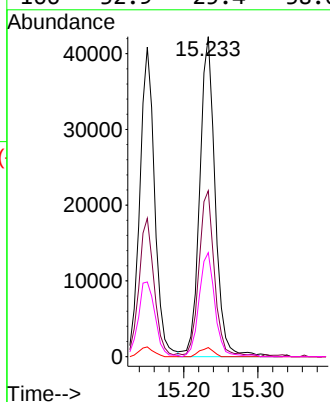
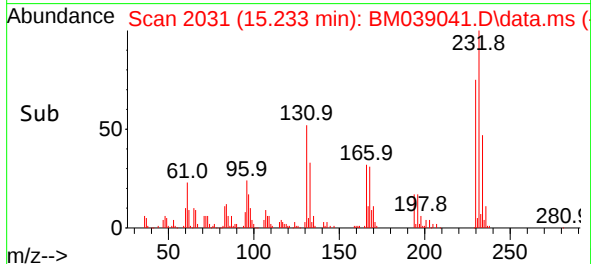
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:232 Resp: 61143
Ion Ratio Lower Upper
232 100
131 52.0 40.0 60.0
130 2.5 2.0 3.0
166 32.9 25.4 38.0

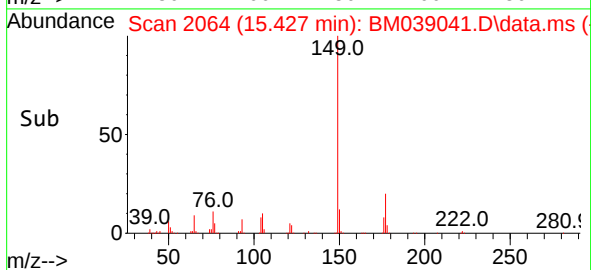
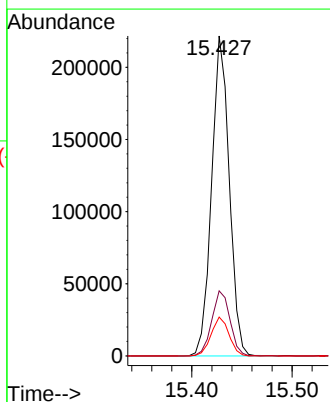
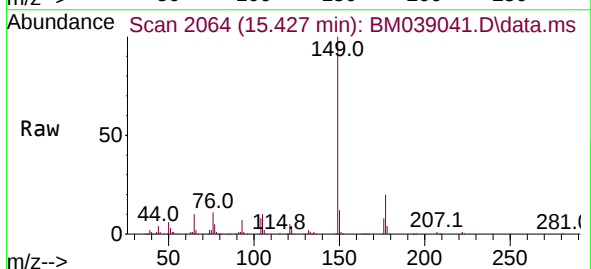
Manual Integrations
APPROVED

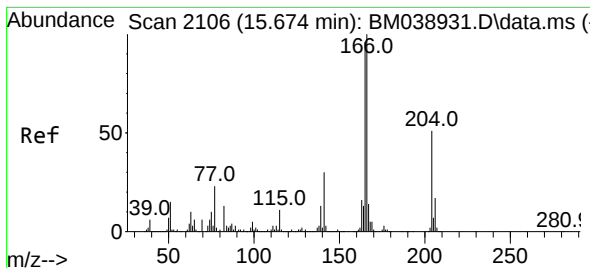
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#60
Diethylphthalate
Concen: 3.796 ng
RT: 15.427 min Scan# 2064
Delta R.T. -0.012 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

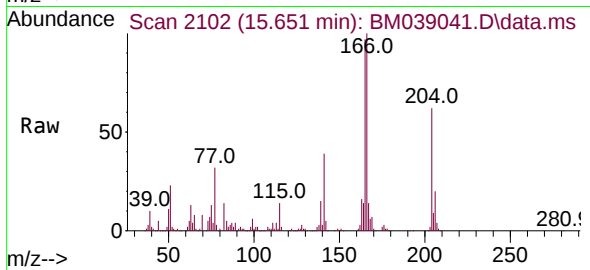
Tgt Ion:149 Resp: 270419
Ion Ratio Lower Upper
149 100
177 20.3 17.1 25.7
150 12.1 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 3.619 ng
RT: 15.651 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

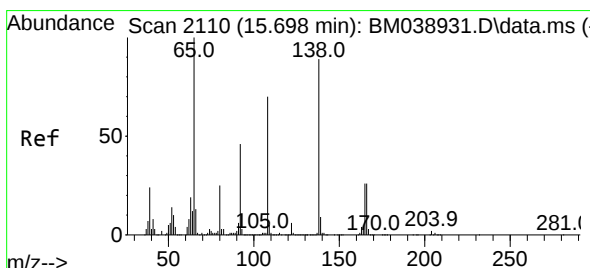
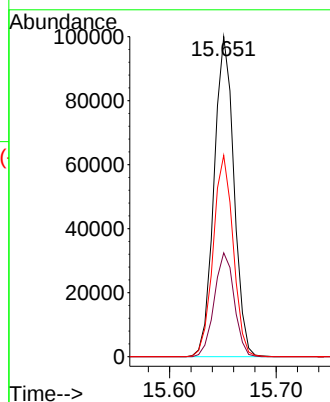
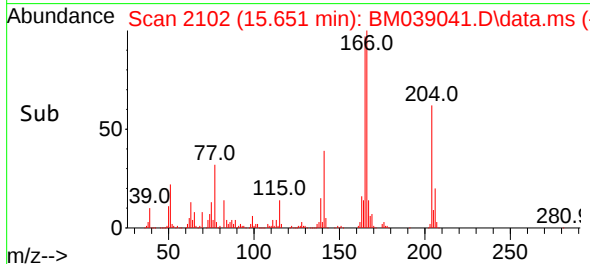
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:204 Resp: 129699
Ion Ratio Lower Upper
204 100
206 32.4 26.4 39.6
141 62.9 46.4 69.6

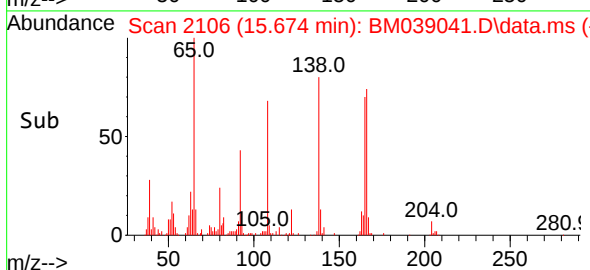
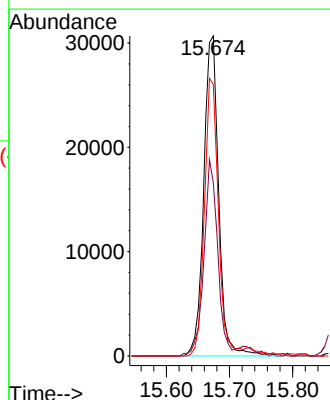
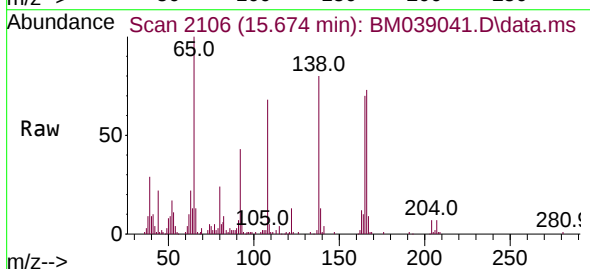
Manual Integrations
APPROVED

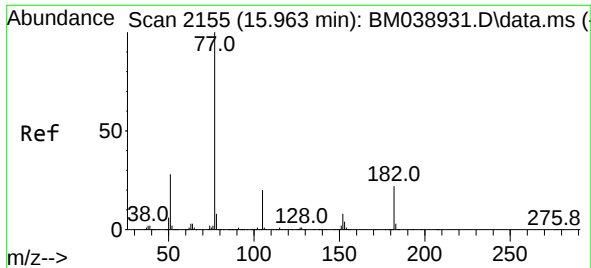
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#62
4-Nitroaniline
Concen: 4.259 ng
RT: 15.674 min Scan# 2106
Delta R.T. -0.012 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

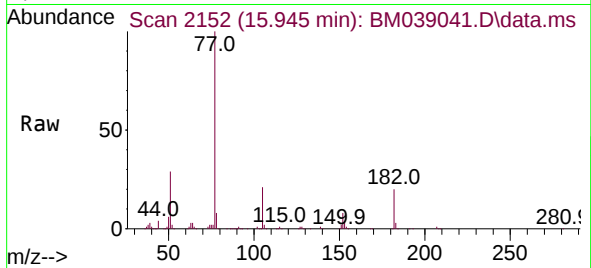
Tgt Ion:138 Resp: 50208
Ion Ratio Lower Upper
138 100
92 54.1 31.6 71.6
108 84.8 58.6 98.6





#63
Azobenzene
Concen: 3.527 ng
RT: 15.945 min Scan# 2152
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

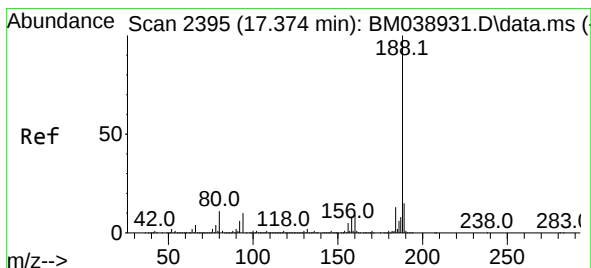
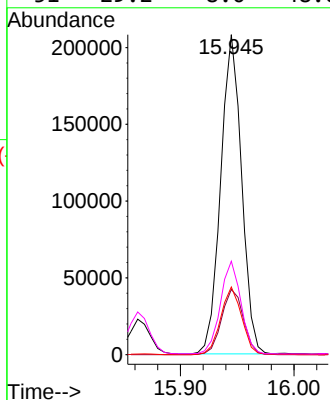
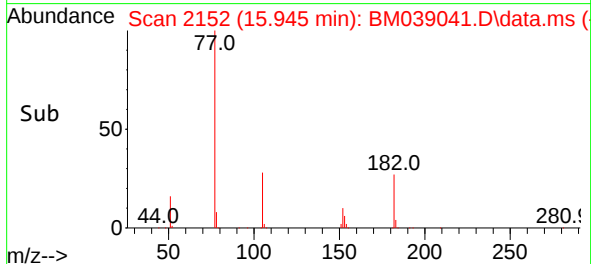
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 77 Resp: 265876
Ion Ratio Lower Upper
77 100
182 20.4 2.0 42.0
105 21.1 0.4 40.4
51 29.2 8.0 48.0

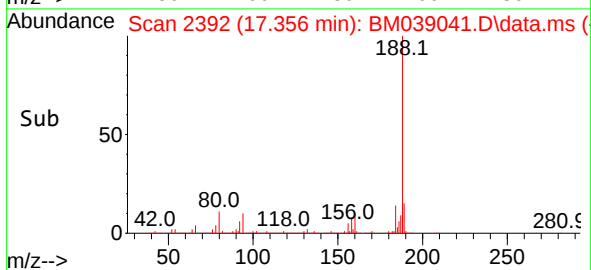
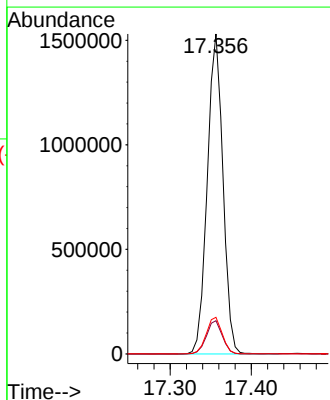
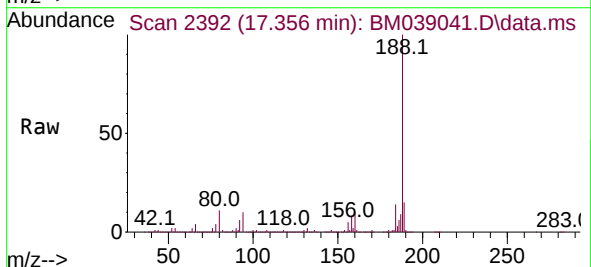
Manual Integrations
APPROVED

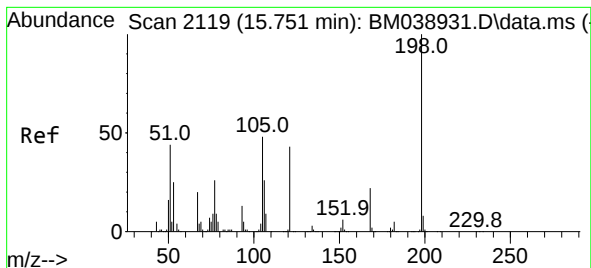
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.356 min Scan# 2392
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

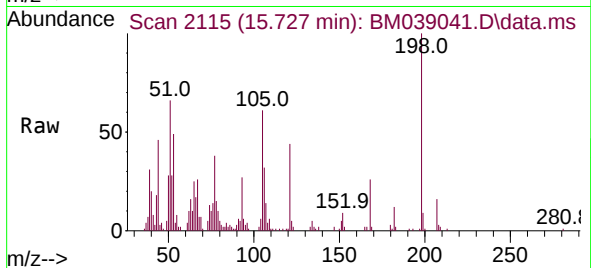
Tgt Ion:188 Resp: 2054422
Ion Ratio Lower Upper
188 100
94 10.4 7.9 11.9
80 11.5 8.5 12.7





#65
4,6-Dinitro-2-methylphenol
Concen: 6.827 ng
RT: 15.727 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

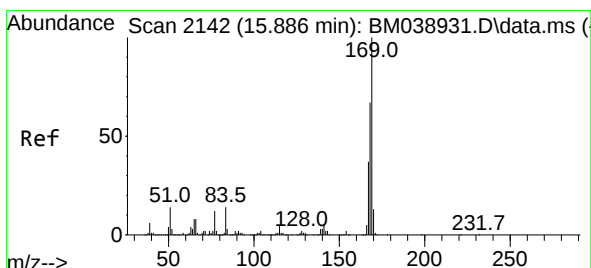
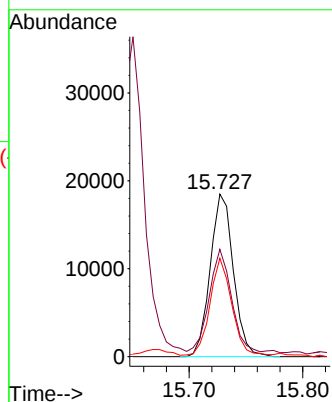
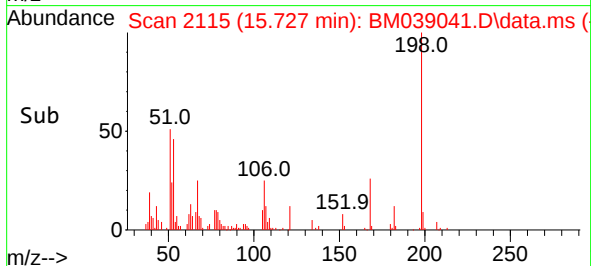
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023



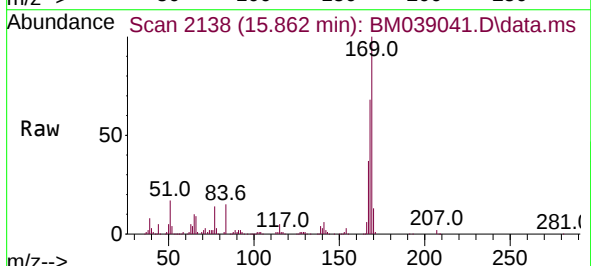
Tgt Ion:198 Resp: 2625
Ion Ratio Lower Upper
198 100
51 66.0 30.1 70.1
105 60.6 29.3 69.3

Manual Integrations
APPROVED

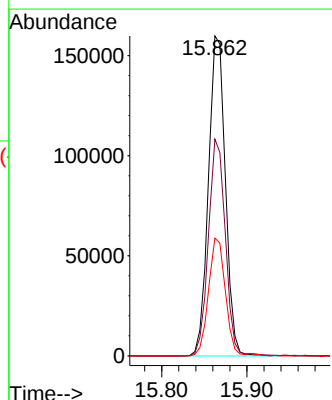
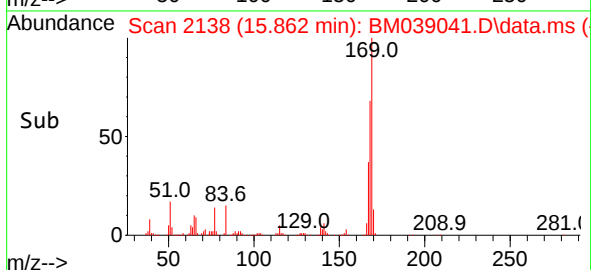
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023

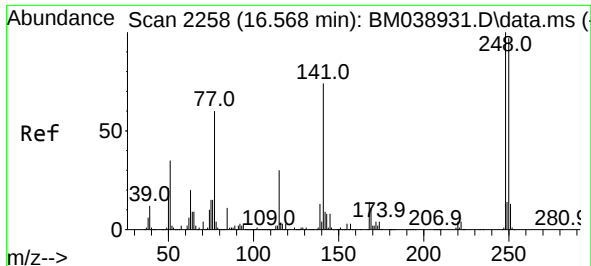


#66
n-Nitrosodiphenylamine
Concen: 3.190 ng
RT: 15.862 min Scan# 2138
Delta R.T. -0.012 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52



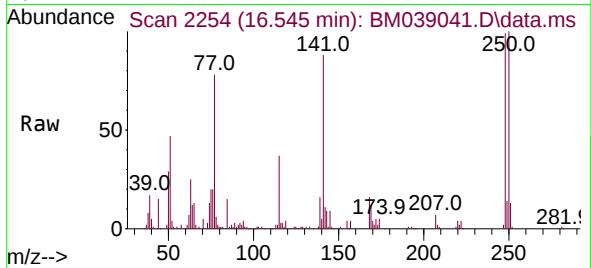
Tgt Ion:169 Resp: 220962
Ion Ratio Lower Upper
169 100
168 67.7 53.4 80.0
167 36.8 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 3.257 ng
RT: 16.545 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

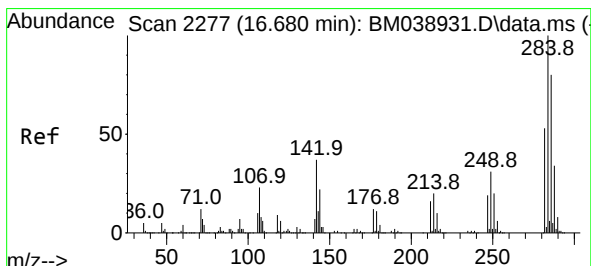
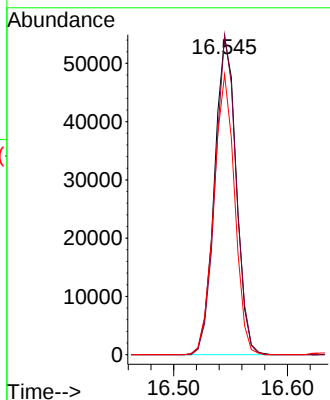
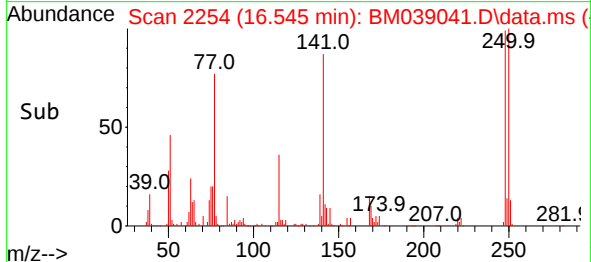
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023



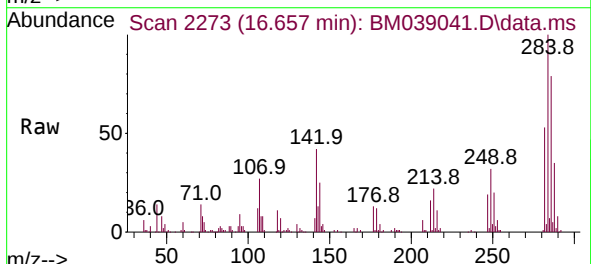
Tgt Ion:248 Resp: 72263
Ion Ratio Lower Upper
248 100
250 100.9 77.8 116.8
141 88.3 59.0 88.4

Manual Integrations
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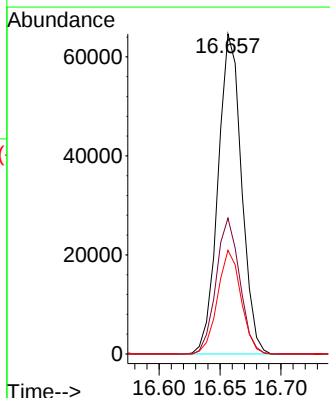
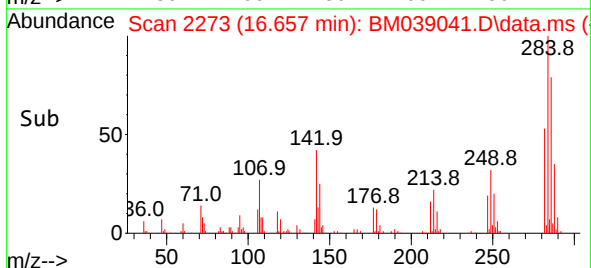
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023

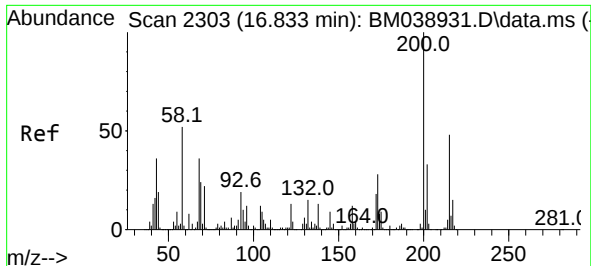


#68
Hexachlorobenzene
Concen: 3.501 ng
RT: 16.657 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52



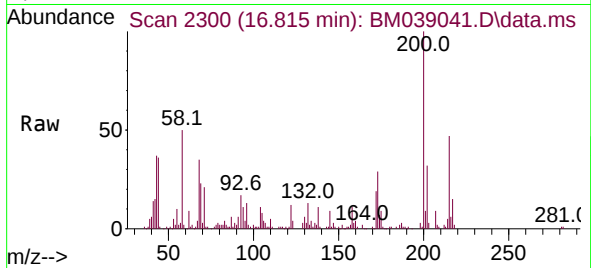
Tgt Ion:284 Resp: 86844
Ion Ratio Lower Upper
284 100
142 42.4 29.5 44.3
249 32.4 25.0 37.4





#69
 Atrazine
 Concen: 3.741 ng
 RT: 16.815 min Scan# 2300
 Delta R.T. -0.006 min
 Lab File: BM039041.D
 Acq: 20 Mar 2023 12:52

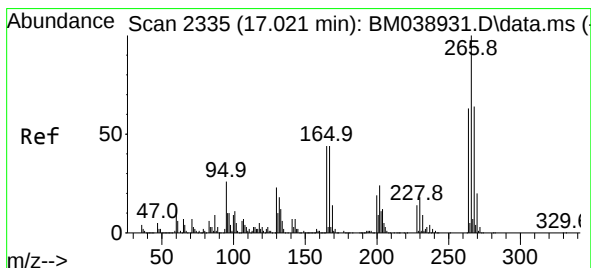
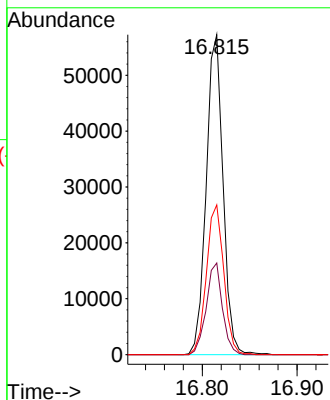
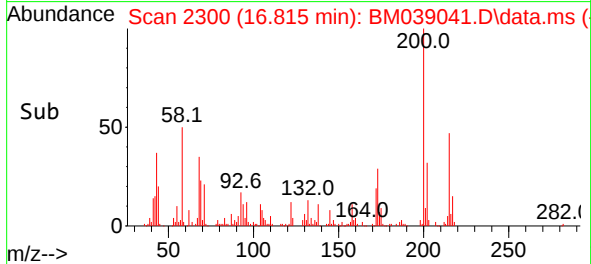
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT1-2023



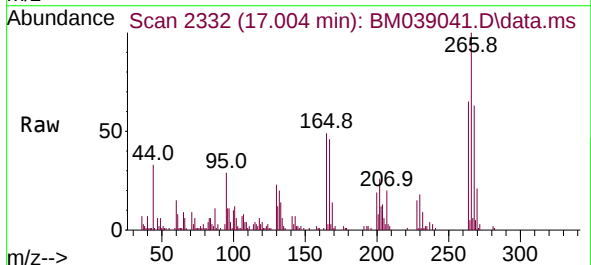
Tgt Ion:200 Resp: 70765
 Ion Ratio Lower Upper
 200 100
 173 28.6 8.2 48.2
 215 46.8 27.8 67.8

Manual Integrations
 APPROVED

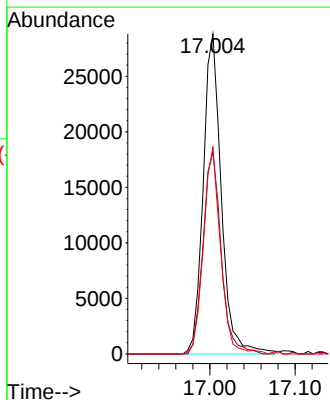
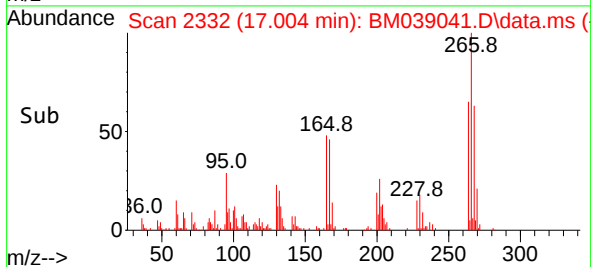
Reviewed By :Christian Giraldo 03/21/2023
 Supervised By :Jagrut Upadhyay 03/21/2023

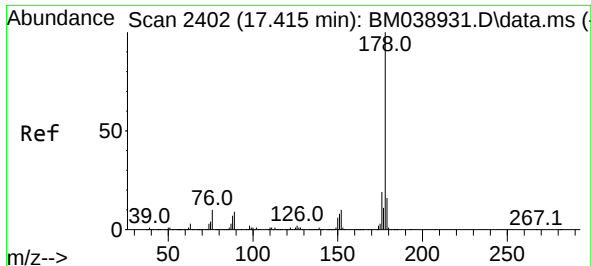


#70
 Pentachlorophenol
 Concen: 2.337 ng
 RT: 17.004 min Scan# 2332
 Delta R.T. -0.006 min
 Lab File: BM039041.D
 Acq: 20 Mar 2023 12:52



Tgt Ion:266 Resp: 42646
 Ion Ratio Lower Upper
 266 100
 268 68.0 51.0 76.4
 264 64.5 50.3 75.5





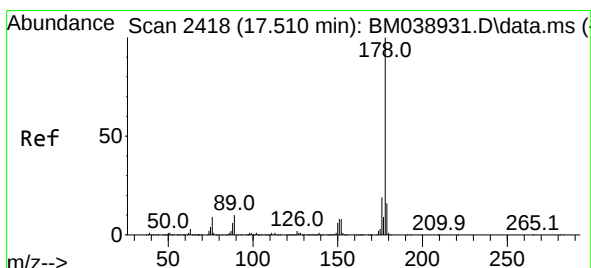
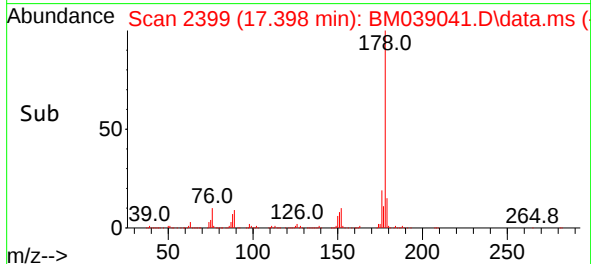
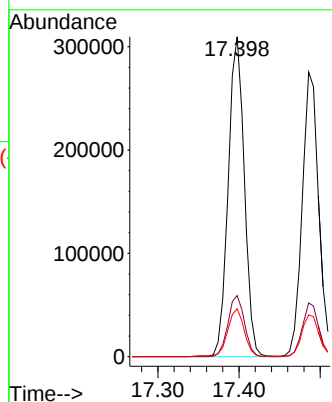
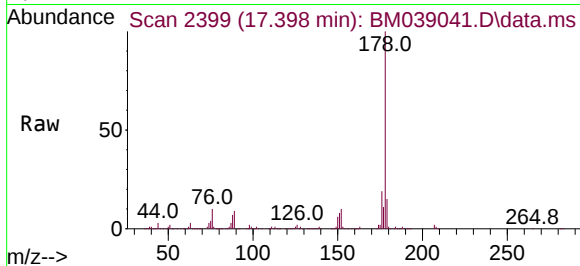
#71
Phenanthrene
Concen: 3.542 ng
RT: 17.398 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

Instrument : BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion:178 Resp: 427100
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 15.0 12.5 18.7

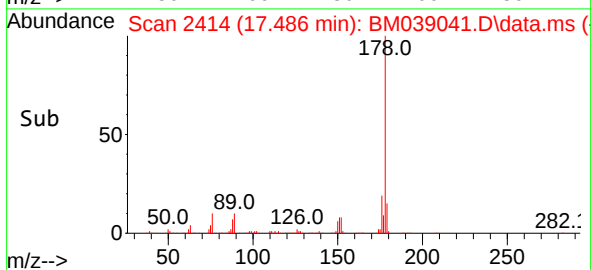
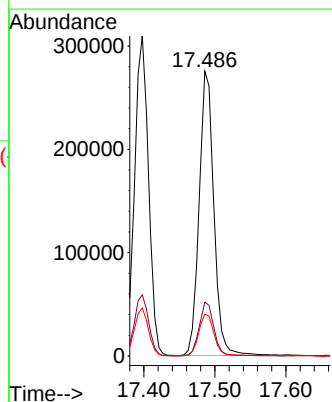
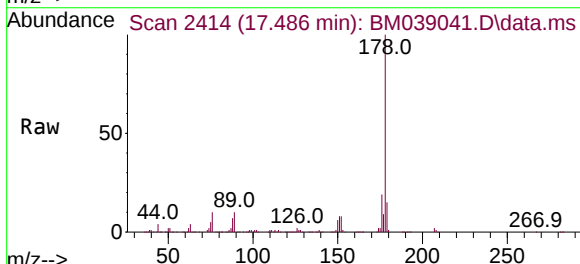
Manual Integrations
APPROVED

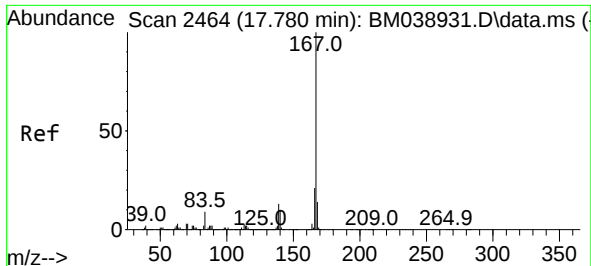
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#72
Anthracene
Concen: 3.289 ng
RT: 17.486 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

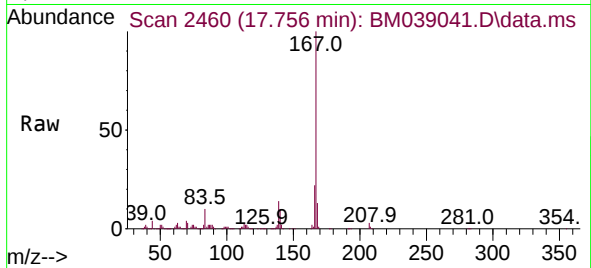
Tgt Ion:178 Resp: 395431
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 14.7 12.5 18.7





#73
Carbazole
Concen: 3.417 ng
RT: 17.756 min Scan# 2460
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

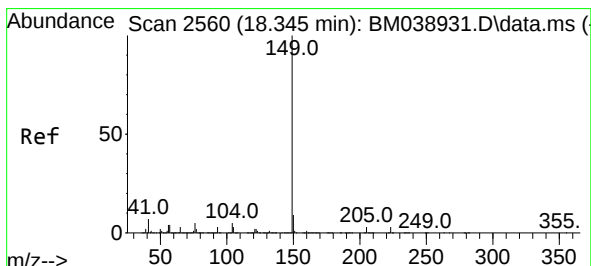
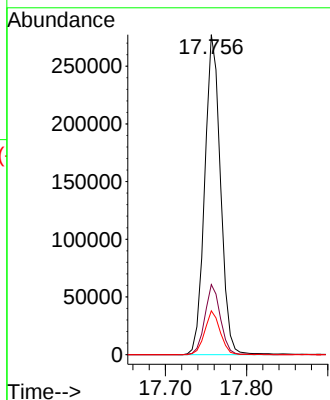
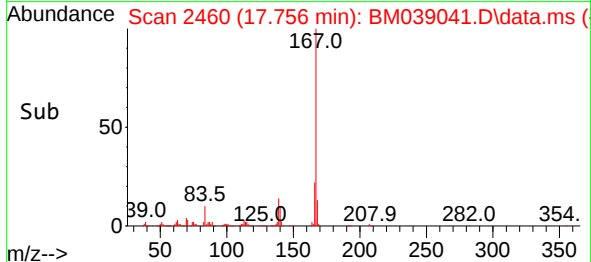
Instrument : BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023



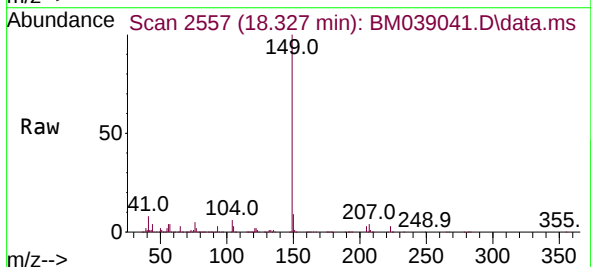
Tgt Ion:167 Resp: 375028
Ion Ratio Lower Upper
167 100
166 21.9 17.0 25.4
139 13.7 10.3 15.5

Manual Integrations
APPROVED

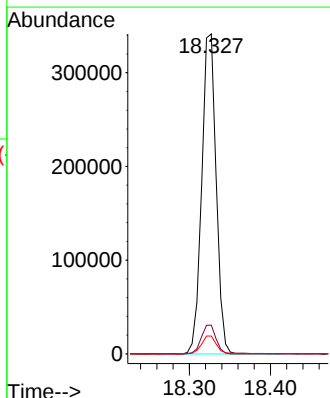
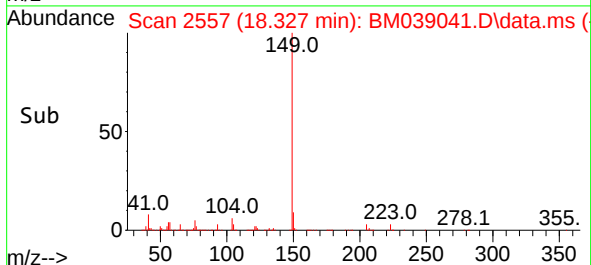
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023

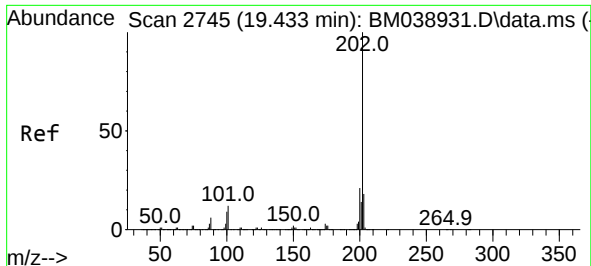


#74
Di-n-butylphthalate
Concen: 4.838 ng
RT: 18.327 min Scan# 2557
Delta R.T. -0.000 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52



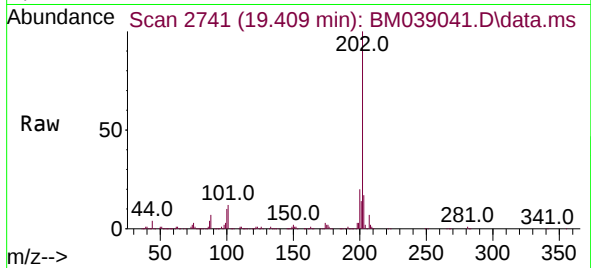
Tgt Ion:149 Resp: 422697
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.2
104 5.6 4.3 6.5





#75
Fluoranthene
Concen: 3.516 ng
RT: 19.409 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

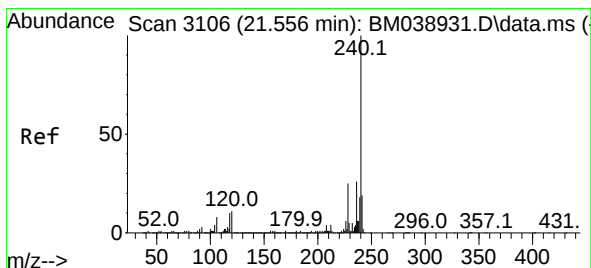
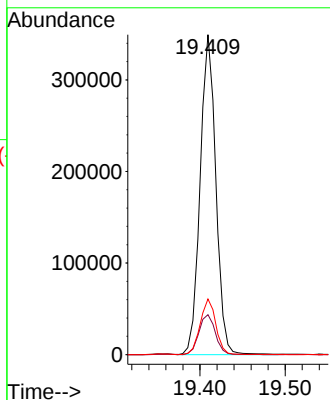
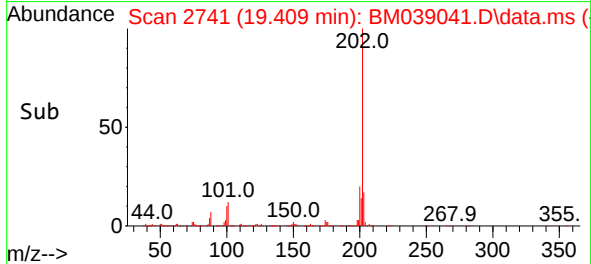
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:202 Resp: 447572
Ion Ratio Lower Upper
202 100
101 12.5 0.0 31.7
203 17.4 0.0 37.6

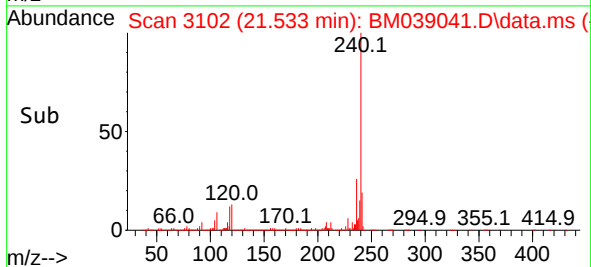
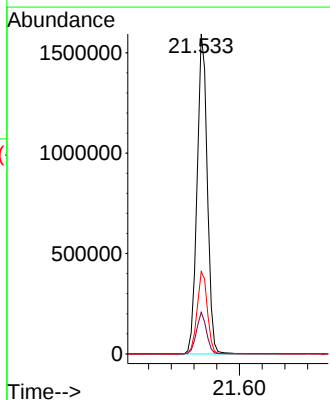
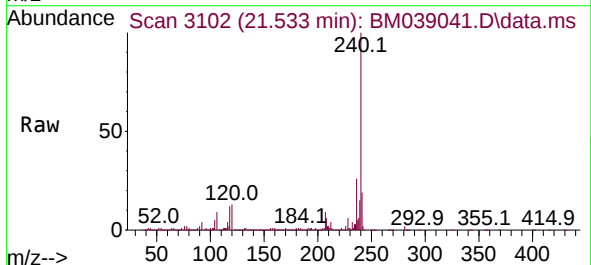
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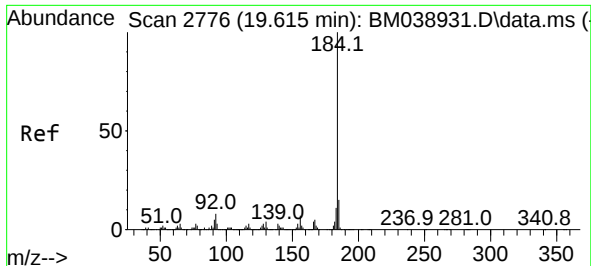
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.533 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

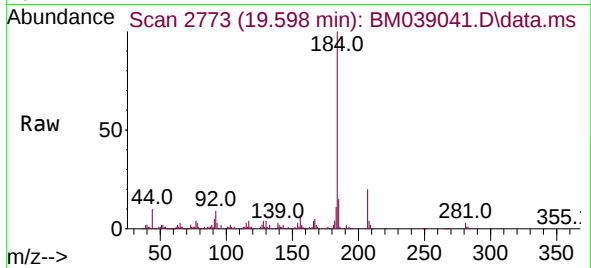
Tgt Ion:240 Resp: 1979175
Ion Ratio Lower Upper
240 100
120 13.0 9.2 13.8
236 25.7 20.8 31.2





#77
Benzidine
Concen: 8.984 ng
RT: 19.598 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

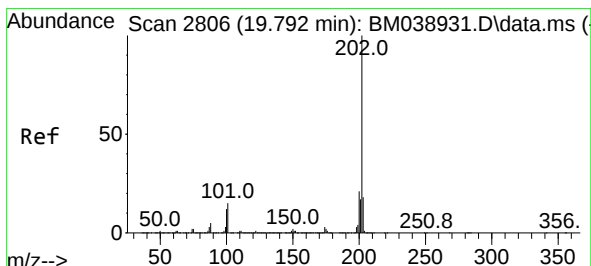
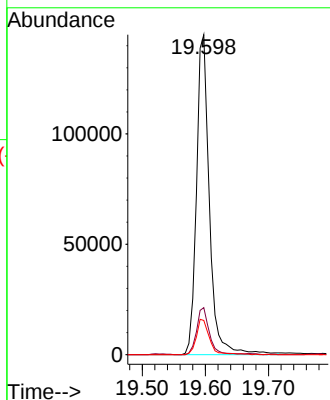
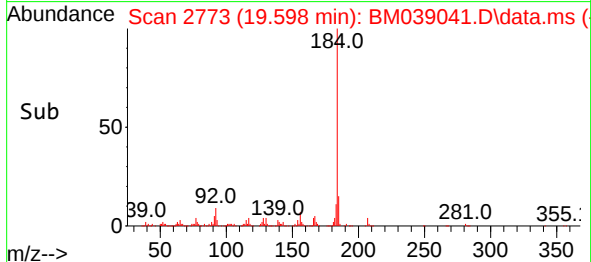
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023



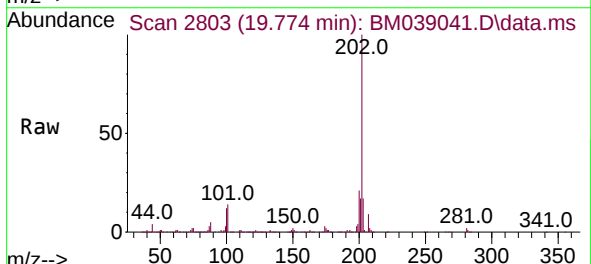
Tgt Ion:184 Resp: 206245
Ion Ratio Lower Upper
184 100
185 14.7 12.2 18.4
183 10.7 8.8 13.2

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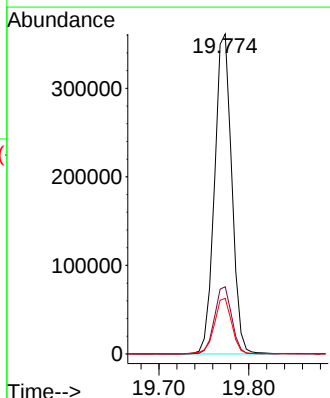
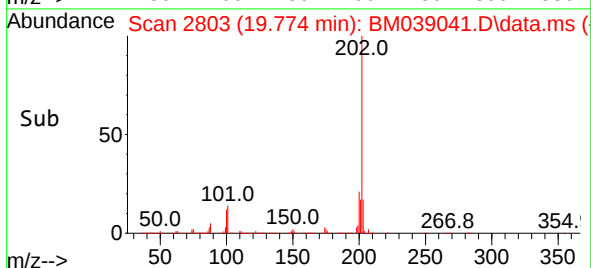
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023

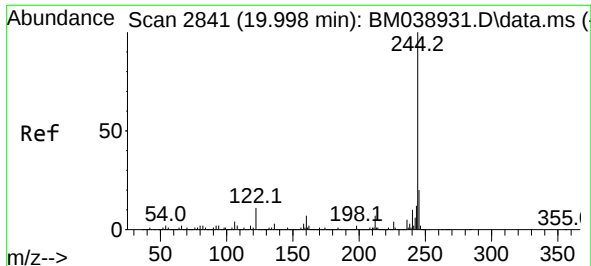


#78
Pyrene
Concen: 3.255 ng
RT: 19.774 min Scan# 2803
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52



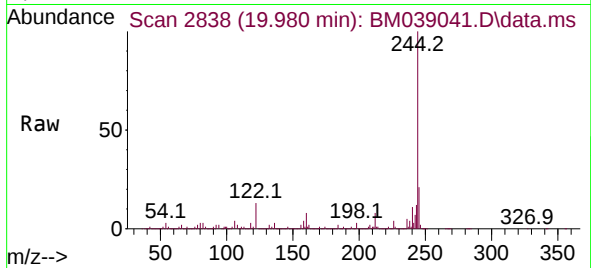
Tgt Ion:202 Resp: 483905
Ion Ratio Lower Upper
202 100
200 21.0 17.1 25.7
203 17.3 14.1 21.1





#79
 Terphenyl-d14
 Concen: 79.600 ng
 RT: 19.980 min Scan# 2841
 Delta R.T. -0.000 min
 Lab File: BM039041.D
 Acq: 20 Mar 2023 12:52

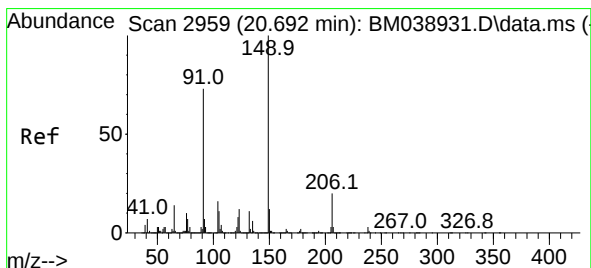
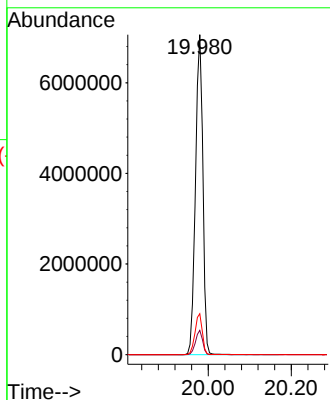
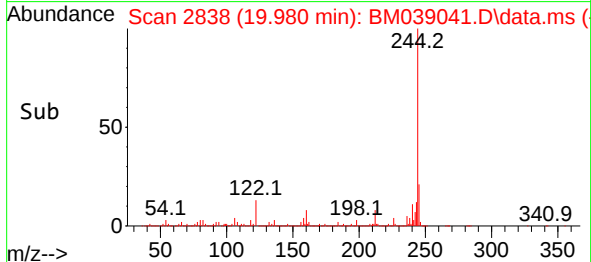
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT1-2023



Tgt Ion:244 Resp: 8616686
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.5 8.3
 122 12.8 9.0 13.4

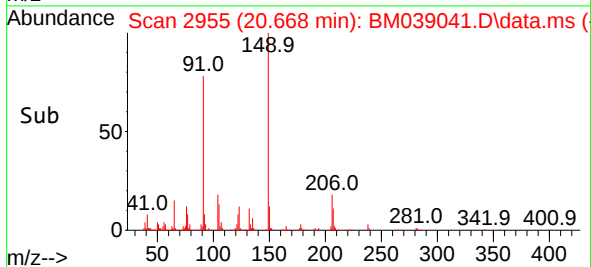
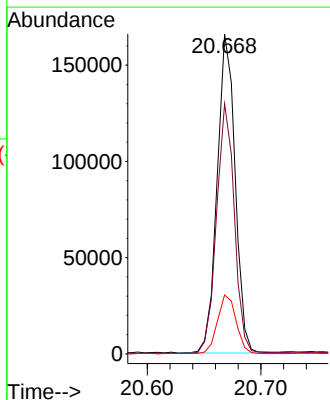
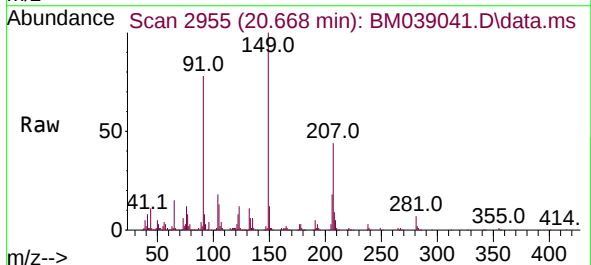
Manual Integrations
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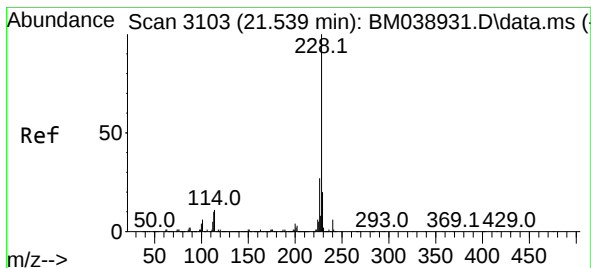
Reviewed By :Christian Giraldo 03/21/2023
 Supervised By :Jagrut Upadhyay 03/21/2023



#80
 Butylbenzylphthalate
 Concen: 6.000 ng
 RT: 20.668 min Scan# 2955
 Delta R.T. -0.006 min
 Lab File: BM039041.D
 Acq: 20 Mar 2023 12:52

Tgt Ion:149 Resp: 182259
 Ion Ratio Lower Upper
 149 100
 91 78.2 58.4 87.6
 206 18.4 16.1 24.1





#81

Benzo(a)anthracene

Concen: 3.486 ng

RT: 21.515 min Scan# 30

Delta R.T. -0.012 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

Instrument :

BNA_M

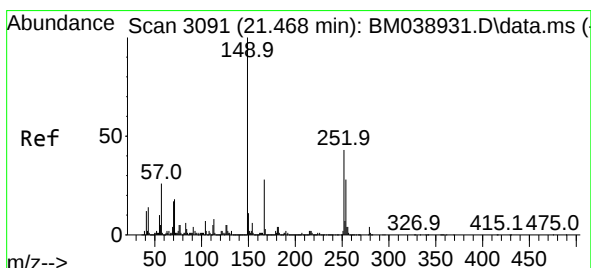
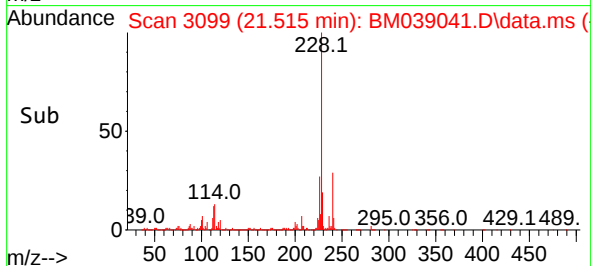
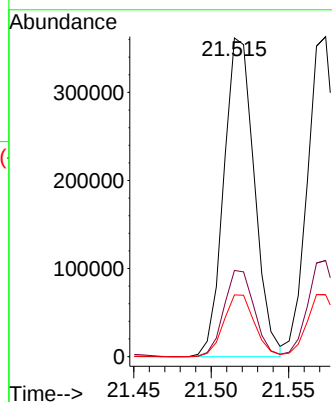
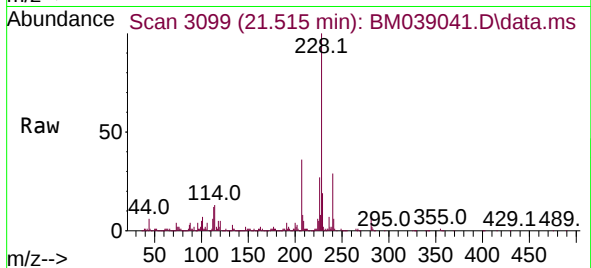
ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion:228 Resp: 496828
 Ion Ratio Lower Upper
 228 100
 226 27.1 21.4 32.2
 229 19.4 15.7 23.5

Manual Integrations
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Reviewed By :Christian Giraldo 03/21/2023
 Supervised By :Jagrut Upadhyay 03/21/2023



#82

3,3'-Dichlorobenzidine

Concen: 3.789 ng

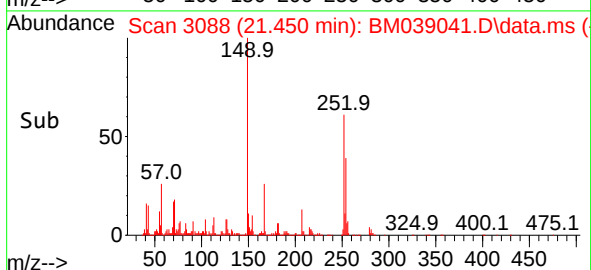
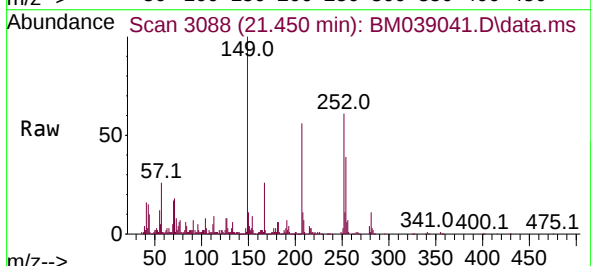
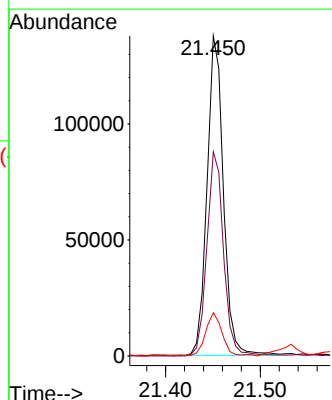
RT: 21.450 min Scan# 3088

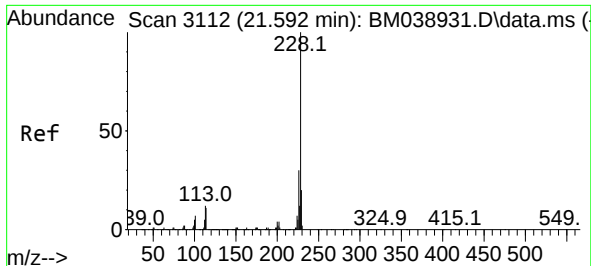
Delta R.T. -0.006 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

Tgt Ion:252 Resp: 165976
 Ion Ratio Lower Upper
 252 100
 254 63.8 51.5 77.3
 126 13.5 9.9 14.9





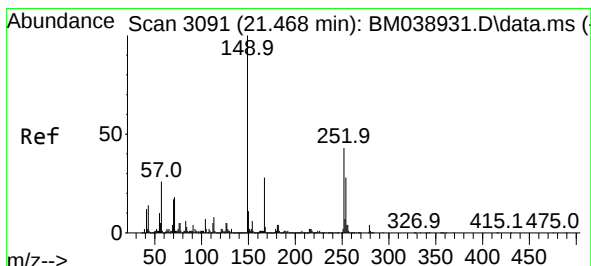
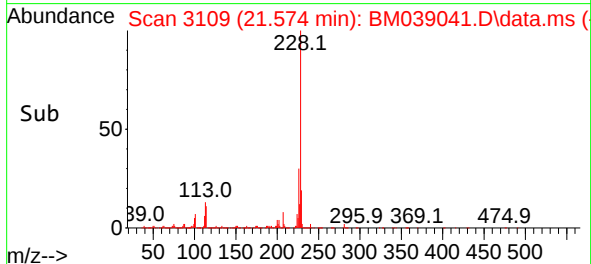
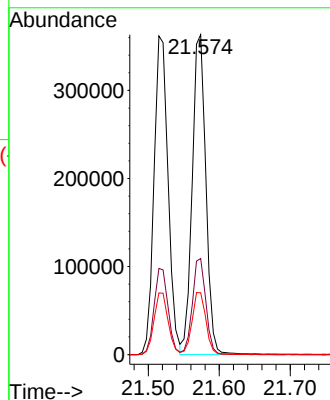
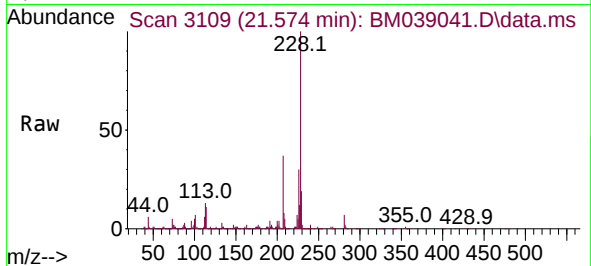
#83
Chrysene
Concen: 3.500 ng
RT: 21.574 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT1-2023

Tgt Ion:228 Resp: 485237
Ion Ratio Lower Upper
228 100
226 30.0 24.0 36.0
229 19.4 16.0 24.0

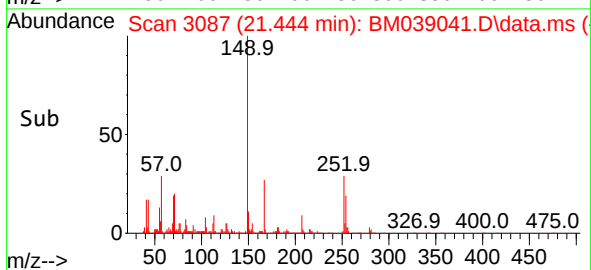
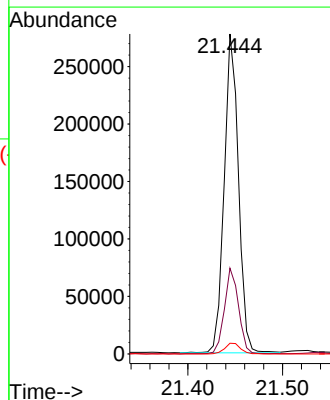
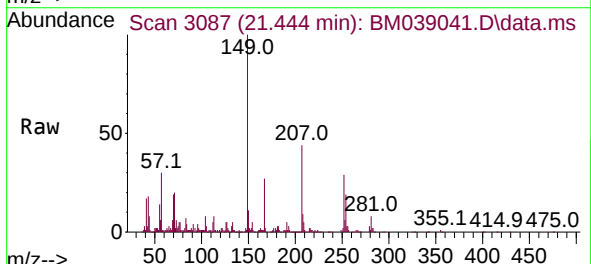
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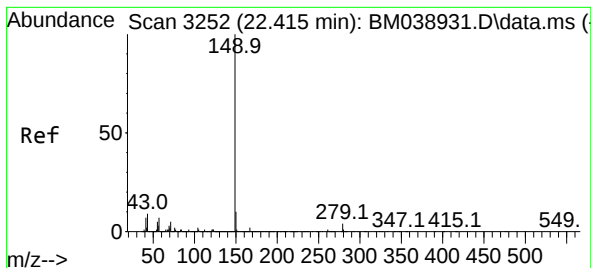
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 5.489 ng
RT: 21.444 min Scan# 3087
Delta R.T. -0.006 min
Lab File: BM039041.D
Acq: 20 Mar 2023 12:52

Tgt Ion:149 Resp: 289546
Ion Ratio Lower Upper
149 100
167 26.8 22.3 33.5
279 3.3 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 6.579 ng

RT: 22.386 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2023

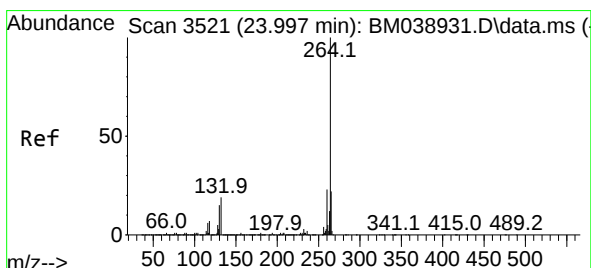
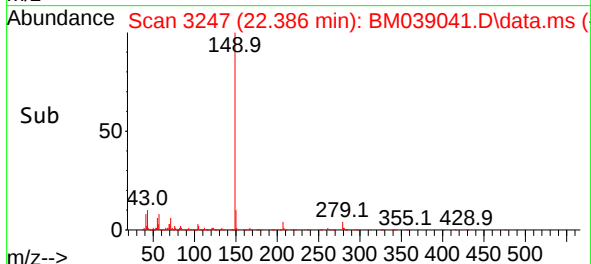
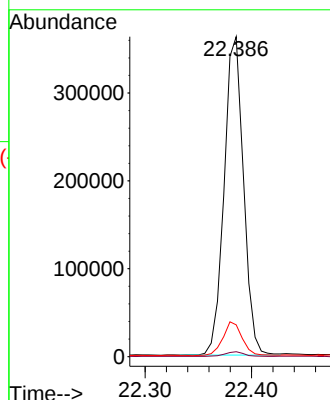
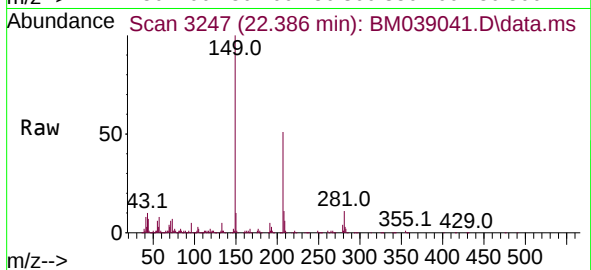
Tgt Ion:	149	Resp:	458163
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.2	1.8
43	10.7	7.4	11.2

Manual Integrations

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Reviewed By :Christian Giraldo 03/21/2023

Supervised By :Jagrut Upadhyay 03/21/2023



#86

Perylene-d12

Concen: 20.000 ng

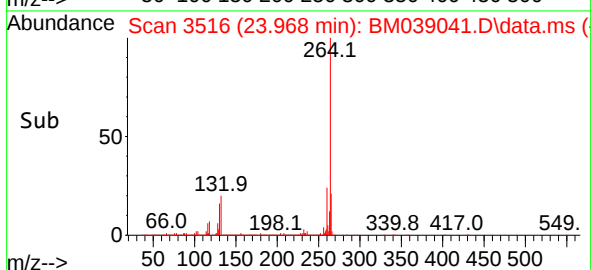
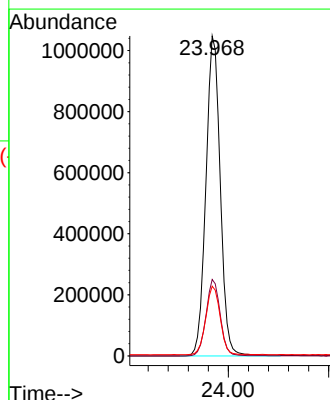
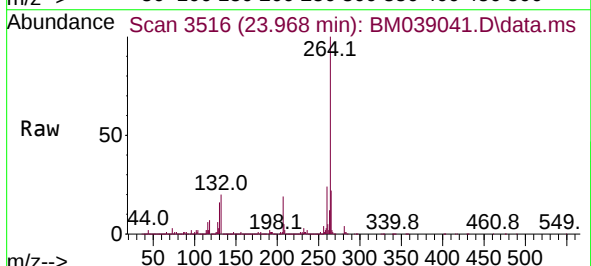
RT: 23.968 min Scan# 3516

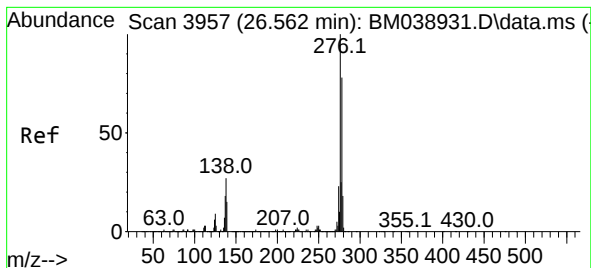
Delta R.T. -0.012 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

Tgt Ion:	264	Resp:	2081936
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.7	28.1
265	21.8	17.9	26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.262 ng

RT: 26.497 min Scan# 3957

Delta R.T. -0.024 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2023

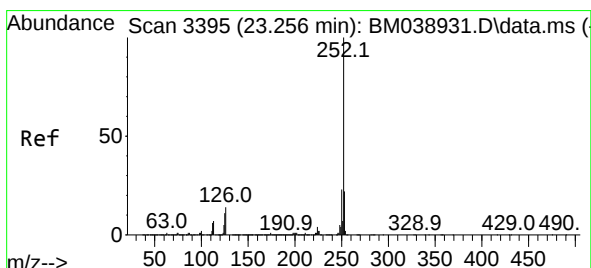
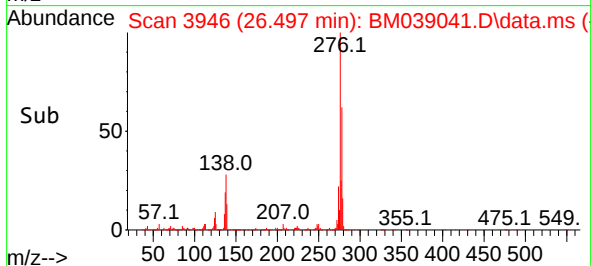
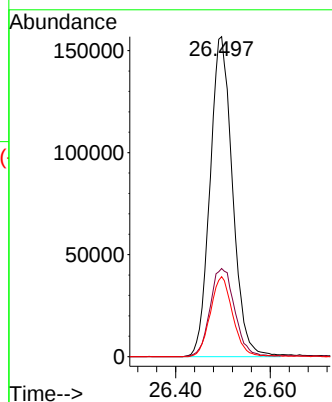
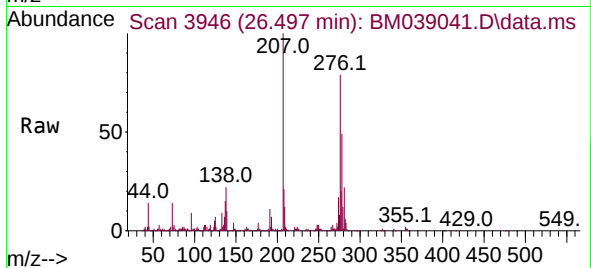
Tgt Ion:	276	Resp:	516810
Ion Ratio	Lower	Upper	
276	100		
138	30.3	22.1	33.1
277	24.8	20.1	30.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/21/2023

Supervised By :Jagrut Upadhyay 03/21/2023



#88

Benzo(b)fluoranthene

Concen: 3.728 ng

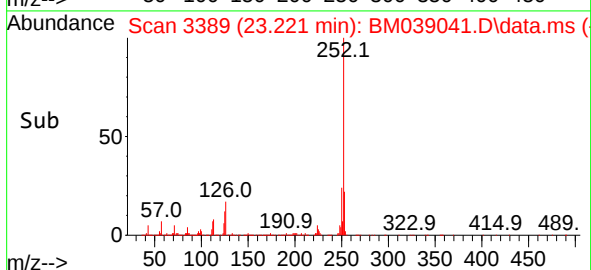
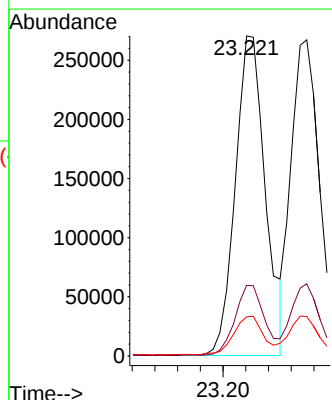
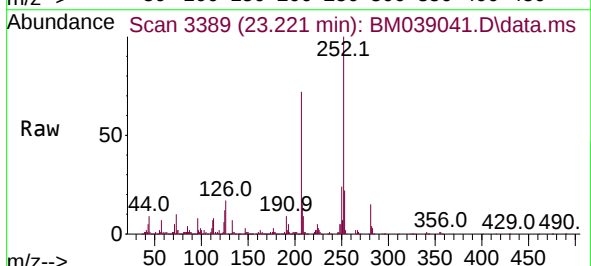
RT: 23.221 min Scan# 3389

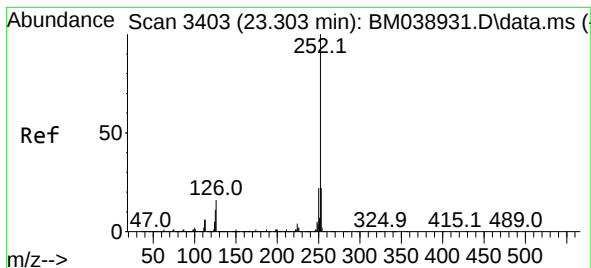
Delta R.T. -0.018 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

Tgt Ion:	252	Resp:	495809
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.6	26.4
125	12.2	8.8	13.2





#89

Benzo(k)fluoranthene

Concen: 3.361 ng

RT: 23.274 min Scan# 3403

Delta R.T. -0.012 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

Instrument :

BNA_M

ClientSampleId :

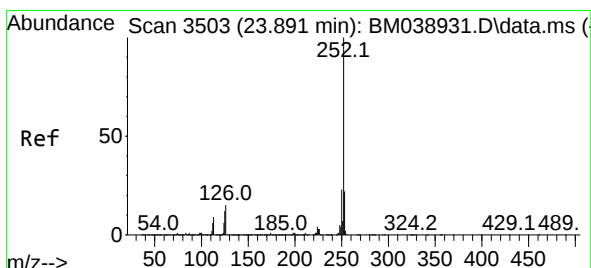
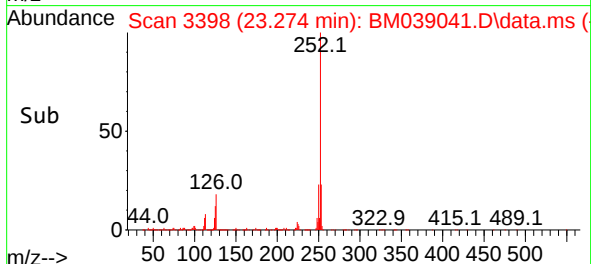
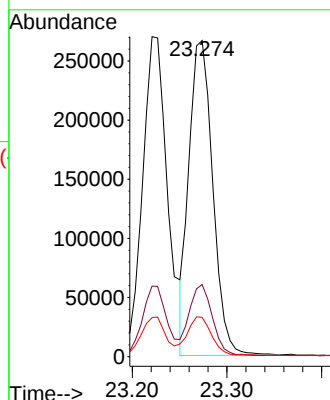
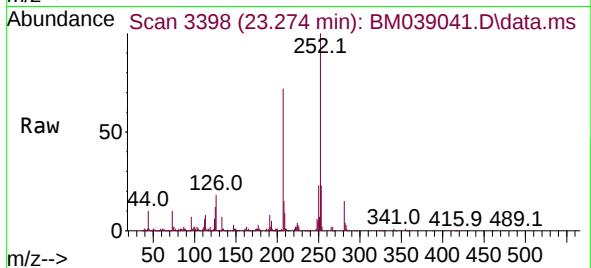
MDL-WATER-03-QT1-2023

Tgt Ion:	252	Resp:	465298
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.5	26.3
125	12.4	8.9	13.3

Manual Integrations

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Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#90

Benzo(a)pyrene

Concen: 3.117 ng

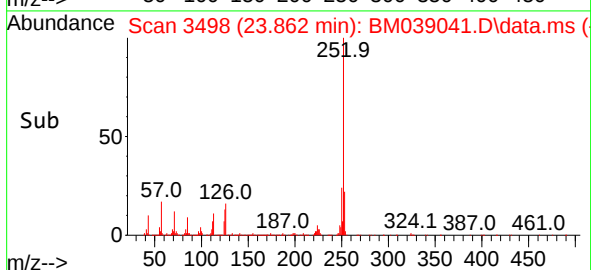
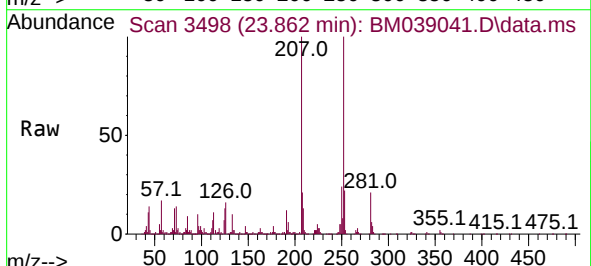
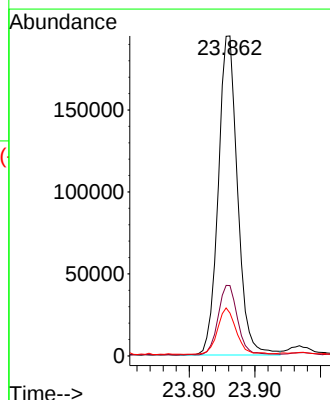
RT: 23.862 min Scan# 3498

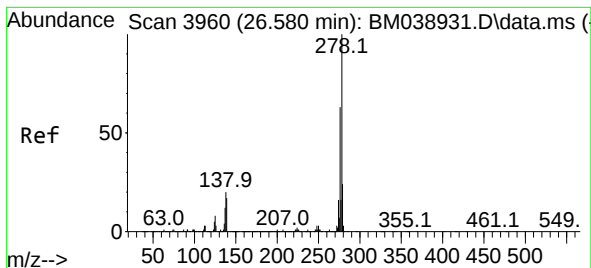
Delta R.T. -0.012 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

Tgt Ion:	252	Resp:	398944
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.6	26.4
125	13.4	9.8	14.8





#91

Dibenzo(a,h)anthracene

Concen: 3.257 ng

RT: 26.515 min Scan# 39

Delta R.T. -0.024 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2023

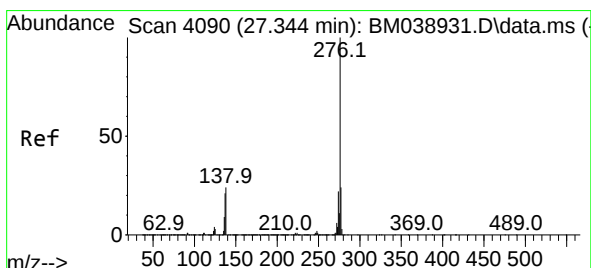
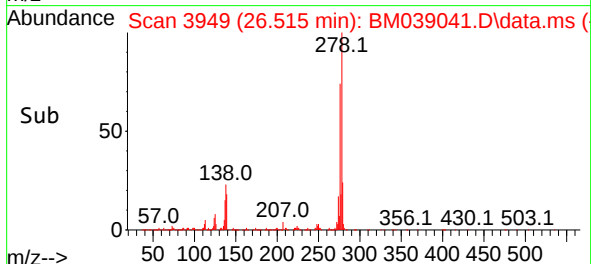
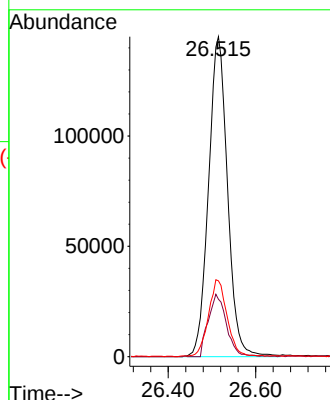
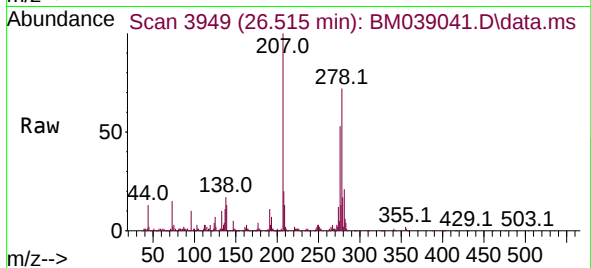
Tgt Ion:	278	Resp:	436979
Ion Ratio	Lower	Upper	
278	100		
139	17.9	13.7	20.5
279	23.7	18.9	28.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/21/2023

Supervised By :Jagrut Upadhyay 03/21/2023



#92

Benzo(g,h,i)perylene

Concen: 3.128 ng

RT: 27.273 min Scan# 4078

Delta R.T. -0.029 min

Lab File: BM039041.D

Acq: 20 Mar 2023 12:52

Tgt Ion:	276	Resp:	410525
Ion Ratio	Lower	Upper	
276	100		
277	23.0	19.3	28.9
138	26.0	19.0	28.6

