

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032023\
 Data File : BM039042.D
 Acq On : 20 Mar 2023 13:30
 Operator : CG/JU
 Sample : 01627-09
 Misc : MDL-MDL-WATER 8ppm
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Mar 21 04:06:58 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	432924	20.000	ng	0.00
21) Naphthalene-d8	10.786	136	1782132	20.000	ng	0.00
39) Acenaphthene-d10	14.616	164	1105365	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	2336441	20.000	ng	0.00
76) Chrysene-d12	21.533	240	2251440	20.000	ng	0.00
86) Perylene-d12	23.968	264	2382521	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2916488	102.350	ng	0.00
7) Phenol-d6	7.134	99	3861494	104.330	ng	0.00
23) Nitrobenzene-d5	9.139	82	2883096	79.467	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	1425034	111.441	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	6101268	71.855	ng	0.00
79) Terphenyl-d14	19.980	244	9373047	76.116	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	84210	6.643	ng	98
3) Pyridine	3.804	79	205064	5.833	ng	96
4) n-Nitrosodimethylamine	3.710	42	95902	6.703	ng	# 95
6) Aniline	7.298	93	331313	6.817	ng	98
8) 2-Chlorophenol	7.534	128	206708	6.814	ng	99
9) Benzaldehyde	7.110	77	196795m	11.173	ng	
10) Phenol	7.157	94	267374	6.803	ng	97
11) bis(2-Chloroethyl)ether	7.392	93	223636	6.998	ng	99
12) 1,3-Dichlorobenzene	7.863	146	228495	7.087	ng	98
13) 1,4-Dichlorobenzene	8.010	146	230649	7.034	ng	99
14) 1,2-Dichlorobenzene	8.328	146	223383	7.073	ng	99
15) Benzyl Alcohol	8.216	79	183897	6.932	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.510	45	309601	7.671	ng	99
17) 2-Methylphenol	8.416	107	169841	6.290	ng	99
18) Hexachloroethane	9.057	117	86662	7.164	ng	96
19) n-Nitroso-di-n-propyla...	8.786	70	179126	7.684	ng	98
20) 3+4-Methylphenols	8.739	107	226130	6.272	ng	96
22) Acetophenone	8.798	105	343407	6.868	ng	# 97
24) Nitrobenzene	9.181	77	266432	6.987	ng	96
25) Isophorone	9.710	82	478761	7.171	ng	100
26) 2-Nitrophenol	9.892	139	97259	8.407	ng	97
27) 2,4-Dimethylphenol	9.951	122	190083	6.534	ng	97
28) bis(2-Chloroethoxy)met...	10.192	93	302851	7.060	ng	100
29) 2,4-Dichlorophenol	10.428	162	171204	6.208	ng	99
30) 1,2,4-Trichlorobenzene	10.645	180	196475	6.519	ng	100
31) Naphthalene	10.833	128	668912	6.582	ng	99
32) Benzoic acid	10.022	122	79356	9.007	ng	95
33) 4-Chloroaniline	10.945	127	274895	6.348	ng	98
34) Hexachlorobutadiene	11.122	225	110546	6.396	ng	97
35) Caprolactam	11.716	113	57209	6.815	ng	91
36) 4-Chloro-3-methylphenol	12.063	107	197169	6.714	ng	96
37) 2-Methylnaphthalene	12.439	142	447076	6.564	ng	99
38) 1-Methylnaphthalene	12.663	142	418781	6.561	ng	99
40) 1,2,4,5-Tetrachloroben...	12.810	216	212549	5.915	ng	99
41) Hexachlorocyclopentadiene	12.786	237	122056	6.188	ng	97
43) 2,4,6-Trichlorophenol	13.045	196	131440	5.649	ng	99

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 Misc : MDL-MDL-WATER 8ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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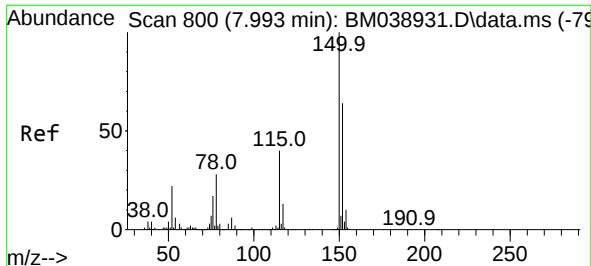
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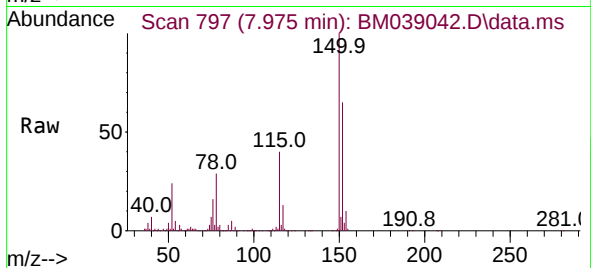
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	144266	5.297	ng	97
46) 1,1'-Biphenyl	13.451	154	619406	6.614	ng	99
47) 2-Chloronaphthalene	13.492	162	455369	6.449	ng	98
48) 2-Nitroaniline	13.692	65	129290	7.670	ng	94
49) Acenaphthylene	14.333	152	701499	6.237	ng	99
50) Dimethylphthalate	14.068	163	579782	6.816	ng	100
51) 2,6-Dinitrotoluene	14.186	165	110994	7.236	ng	91
52) Acenaphthene	14.674	154	436361	6.313	ng	98
53) 3-Nitroaniline	14.515	138	122850	6.991	ng	98
54) 2,4-Dinitrophenol	14.716	184	48307	9.369	ng	95
55) Dibenzofuran	15.010	168	706224	6.529	ng	99
56) 4-Nitrophenol	14.810	139	102436	6.064	ng	93
57) 2,4-Dinitrotoluene	14.968	165	141600	7.544	ng	88
58) Fluorene	15.657	166	556981	6.573	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.233	232	131481	6.259	ng	97
60) Diethylphthalate	15.433	149	583105	7.046	ng	99
61) 4-Chlorophenyl-phenyle...	15.651	204	270513	6.499	ng	97
62) 4-Nitroaniline	15.674	138	123490	7.065	ng	94
63) Azobenzene	15.945	77	601655	6.871	ng	99
65) 4,6-Dinitro-2-methylph...	15.727	198	70289	9.181	ng	92
66) n-Nitrosodiphenylamine	15.862	169	474175	6.020	ng	100
67) 4-Bromophenyl-phenylether	16.545	248	155107	6.146	ng	93
68) Hexachlorobenzene	16.662	284	180992	6.416	ng	97
69) Atrazine	16.815	200	159676	7.422	ng	99
70) Pentachlorophenol	17.004	266	101743	4.903	ng	98
71) Phenanthrene	17.398	178	887162	6.470	ng	99
72) Anthracene	17.486	178	855282	6.254	ng	99
73) Carbazole	17.756	167	825772	6.616	ng	99
74) Di-n-butylphthalate	18.327	149	970089	7.932	ng	99
75) Fluoranthene	19.409	202	950448	6.565	ng	99
77) Benzidine	19.598	184	484882	13.365	ng	100
78) Pyrene	19.774	202	1022775	6.048	ng	99
80) Butylbenzylphthalate	20.668	149	428373	8.862	ng	94
81) Benzo(a)anthracene	21.521	228	1050663	6.480	ng	100
82) 3,3'-Dichlorobenzidine	21.450	252	382363	7.673	ng	100
83) Chrysene	21.574	228	1011015	6.411	ng	98
84) Bis(2-ethylhexyl)phtha...	21.444	149	685529	8.738	ng	98
85) Di-n-octyl phthalate	22.386	149	1102901	9.684	ng	97
87) Indeno(1,2,3-cd)pyrene	26.497	276	1097600	6.054	ng	98
88) Benzo(b)fluoranthene	23.227	252	1029995	6.767	ng	99
89) Benzo(k)fluoranthene	23.274	252	1002163	6.327	ng	99
90) Benzo(a)pyrene	23.856	252	852103	5.817	ng	99
91) Dibenzo(a,h)anthracene	26.515	278	931091	6.064	ng	96
92) Benzo(g,h,i)perylene	27.273	276	861261	5.734	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: BM039042.D
Acq: 20 Mar 2023 13:30

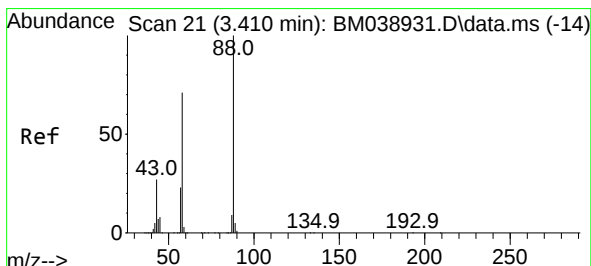
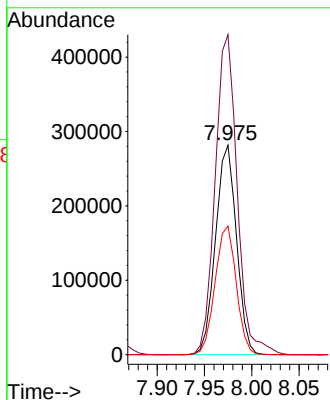
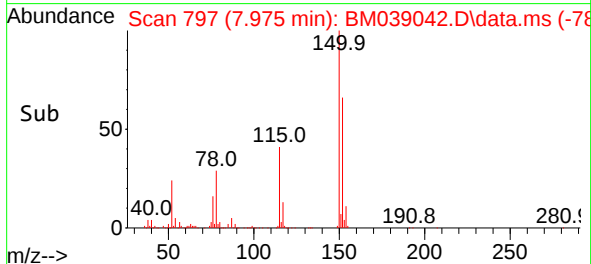
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 152 Resp: 432924
Ion Ratio Lower Upper
152 100
150 152.9 125.1 187.7
115 61.4 49.6 74.4

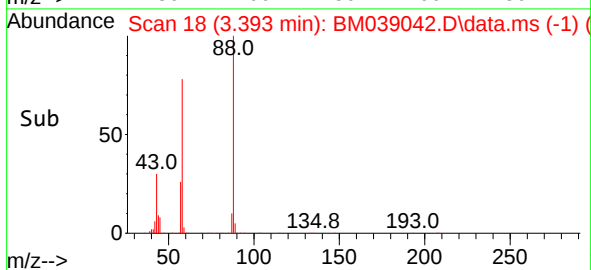
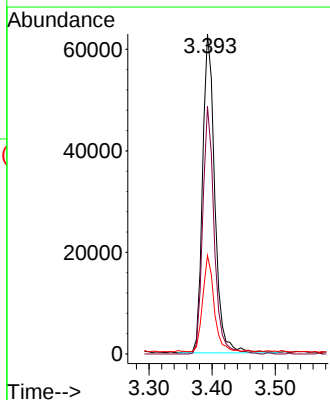
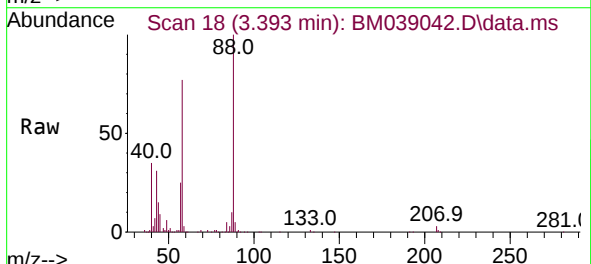
Manual Integrations
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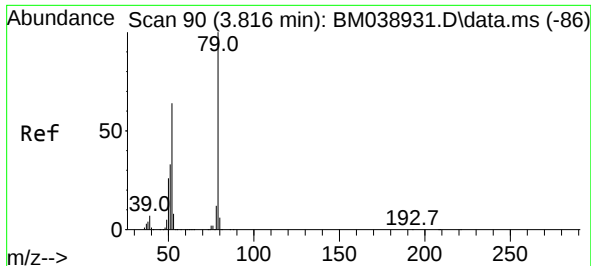
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#2
1,4-Dioxane
Concen: 6.643 ng
RT: 3.393 min Scan# 18
Delta R.T. 0.000 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

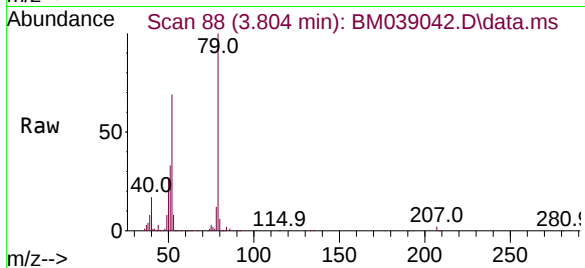
Tgt Ion: 88 Resp: 84210
Ion Ratio Lower Upper
88 100
58 73.0 57.2 85.8
43 28.1 22.0 33.0





#3
Pyridine
Concen: 5.833 ng
RT: 3.804 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

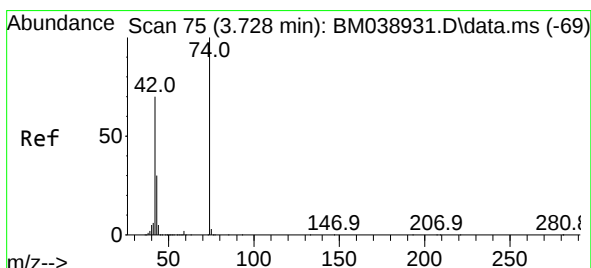
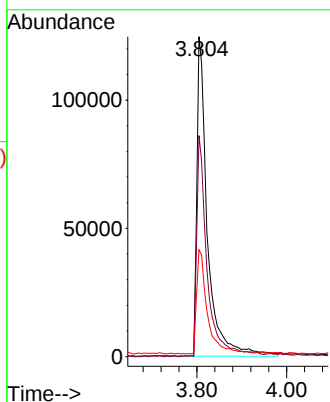
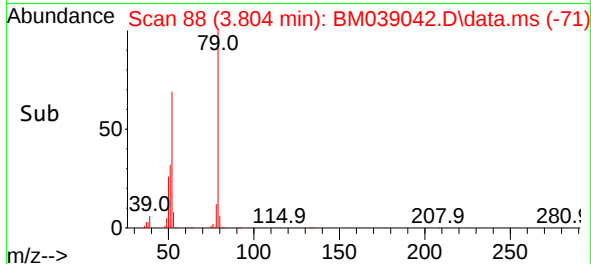
Instrument :
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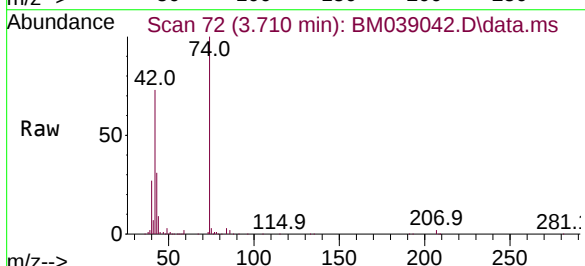
Tgt Ion: 79 Resp: 205064
Ion Ratio Lower Upper
79 100
52 69.1 51.4 77.2
51 33.4 26.6 40.0

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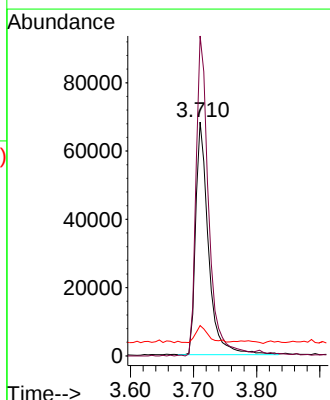
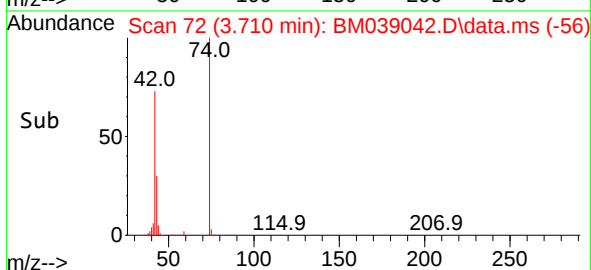
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Supervised By :Jagrut Upadhyay 03/21/2023

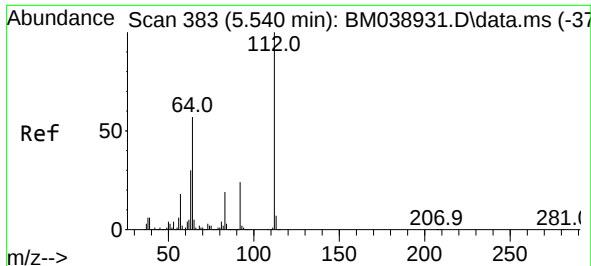


#4
n-Nitrosodimethylamine
Concen: 6.703 ng
RT: 3.710 min Scan# 72
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30



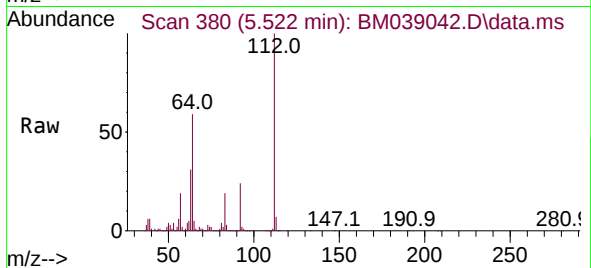
Tgt Ion: 42 Resp: 95902
Ion Ratio Lower Upper
42 100
74 136.9 113.8 170.8
44 13.0 6.2 9.2





#5
2-Fluorophenol
Concen: 102.350 ng
RT: 5.522 min Scan# 383
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

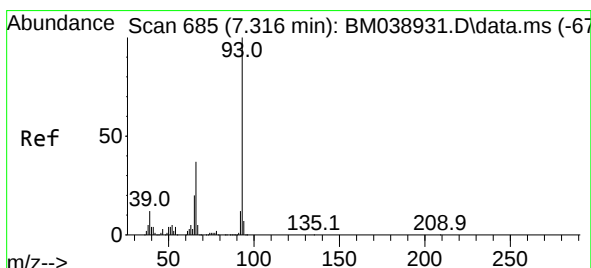
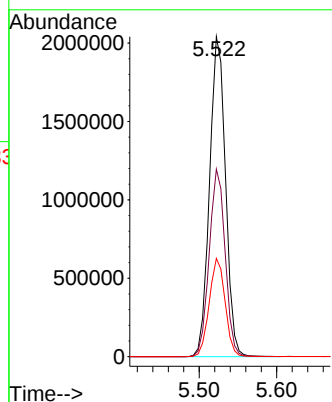
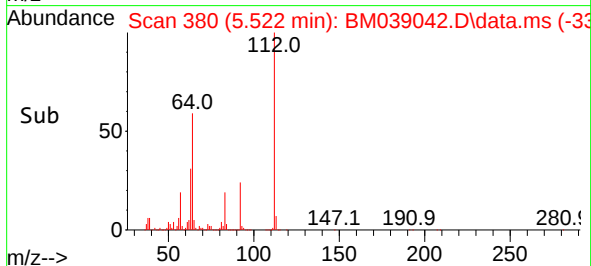
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:112 Resp: 2916488
Ion Ratio Lower Upper
112 100
64 58.6 45.9 68.9
63 30.7 23.8 35.8

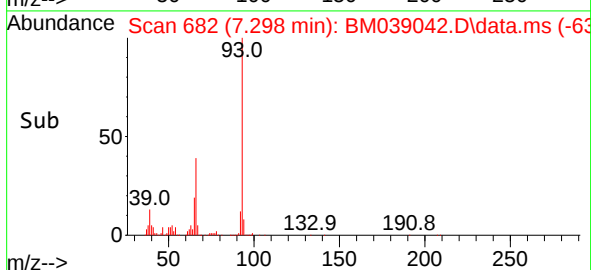
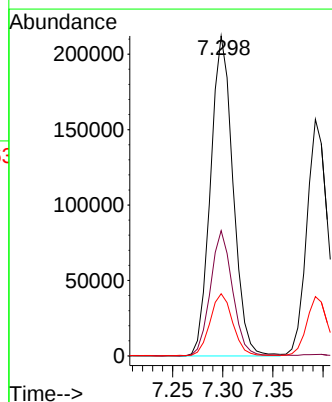
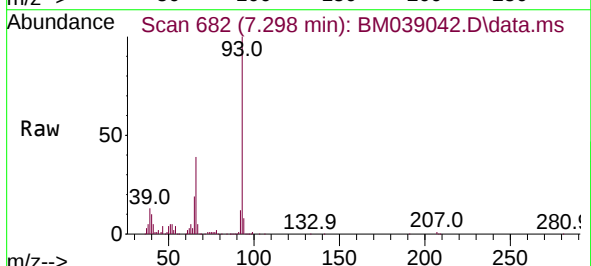
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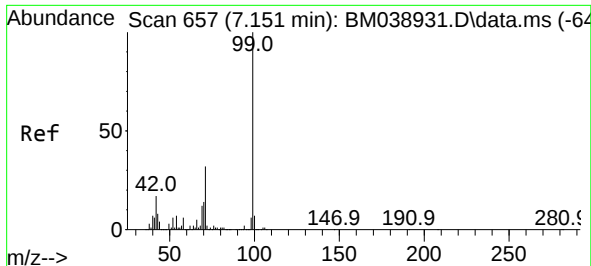
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#6
Aniline
Concen: 6.817 ng
RT: 7.298 min Scan# 682
Delta R.T. 0.000 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

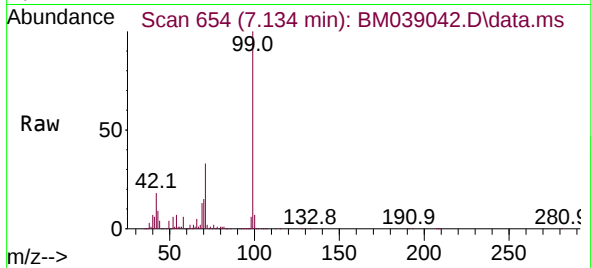
Tgt Ion: 93 Resp: 331313
Ion Ratio Lower Upper
93 100
66 39.1 30.0 45.0
65 19.5 15.8 23.6





#7
Phenol-d6
Concen: 104.330 ng
RT: 7.134 min Scan# 654
Delta R.T. 0.000 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

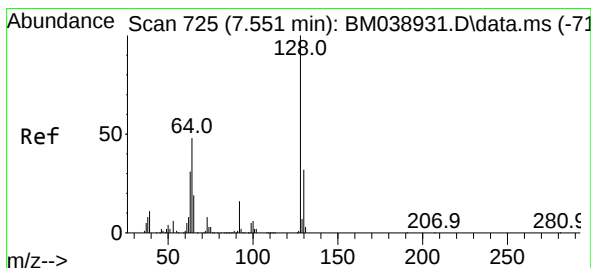
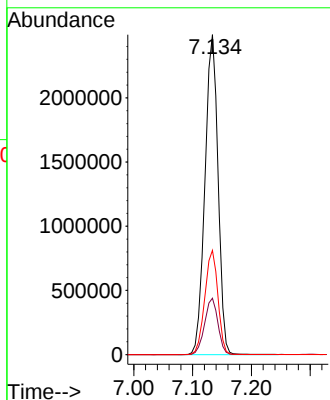
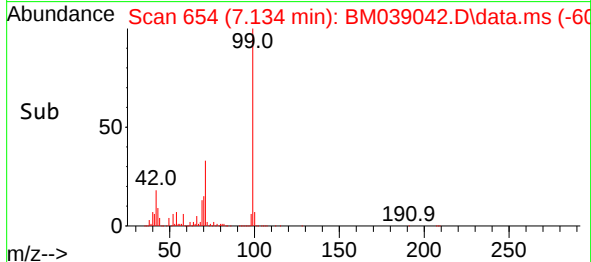
Instrument :
BNA_M
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Tgt Ion: 99 Resp: 3861494
Ion Ratio Lower Upper
99 100
42 17.6 13.5 20.3
71 32.6 25.6 38.4

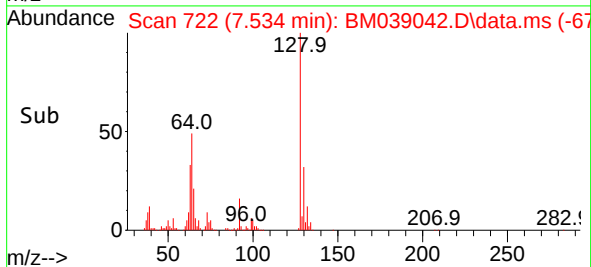
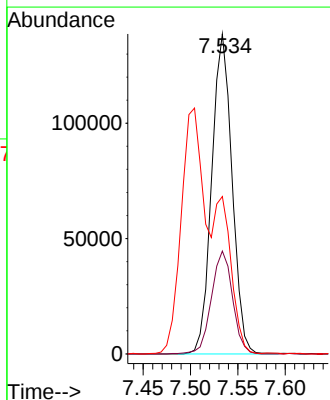
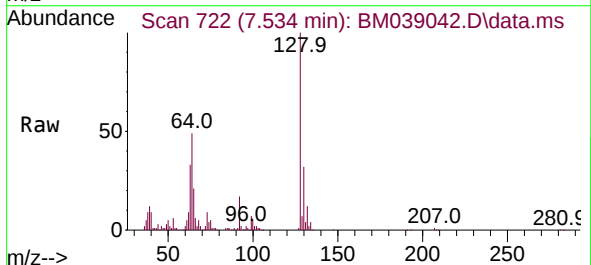
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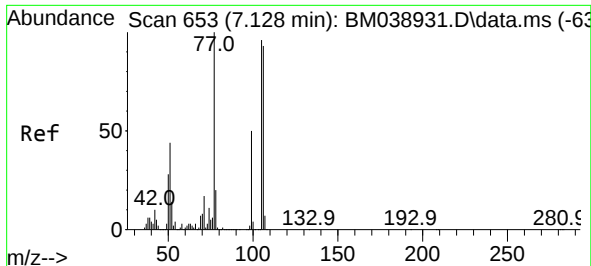
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#8
2-Chlorophenol
Concen: 6.814 ng
RT: 7.534 min Scan# 722
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

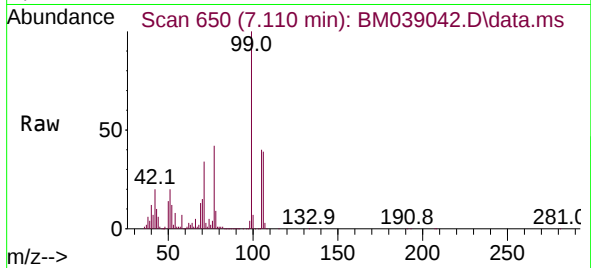
Tgt Ion:128 Resp: 206708
Ion Ratio Lower Upper
128 100
130 32.1 11.9 51.9
64 49.2 28.6 68.6





#9
Benzaldehyde
Concen: 11.173 ng m
RT: 7.110 min Scan# 651
Delta R.T. 0.000 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

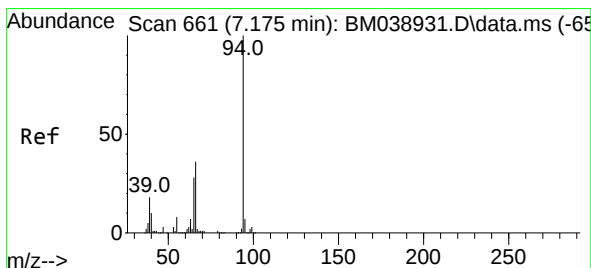
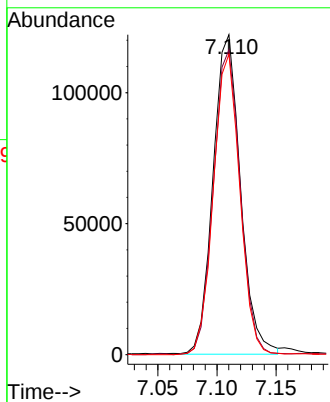
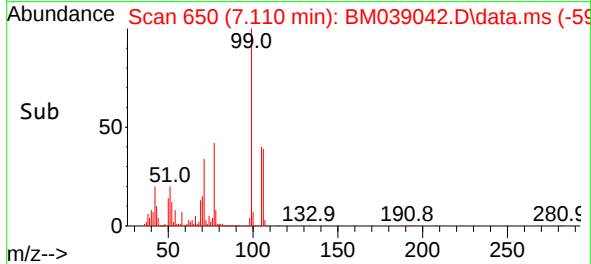
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 77 Resp: 196795
Ion Ratio Lower Upper
77 100
105 95.2 75.8 115.8
106 93.9 72.6 112.6

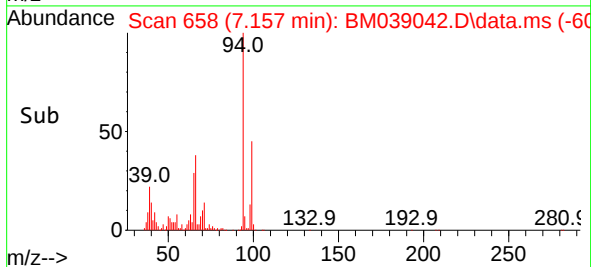
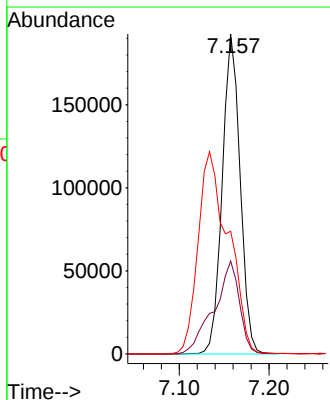
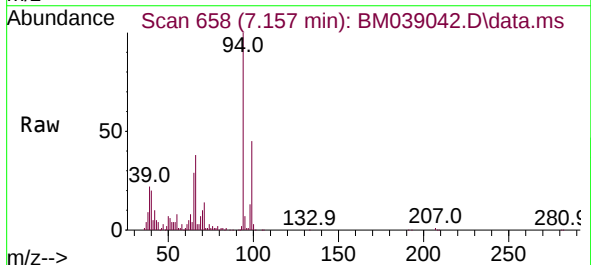
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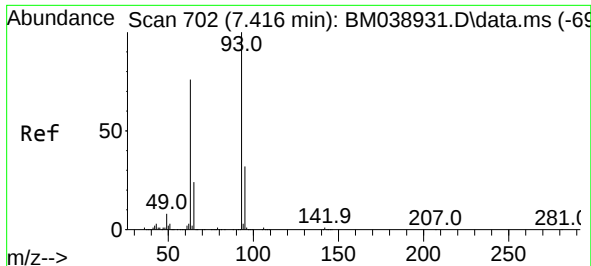
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#10
Phenol
Concen: 6.803 ng
RT: 7.157 min Scan# 658
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

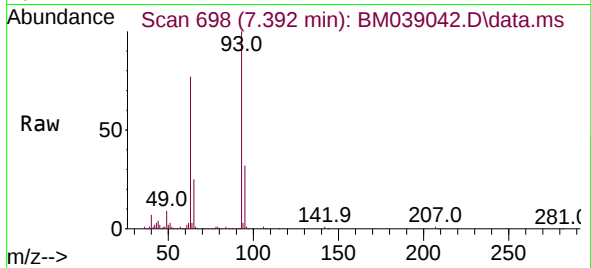
Tgt Ion: 94 Resp: 267374
Ion Ratio Lower Upper
94 100
65 29.0 7.9 47.9
66 38.3 15.8 55.8





#11
bis(2-Chloroethyl)ether
Concen: 6.998 ng
RT: 7.392 min Scan# 69
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

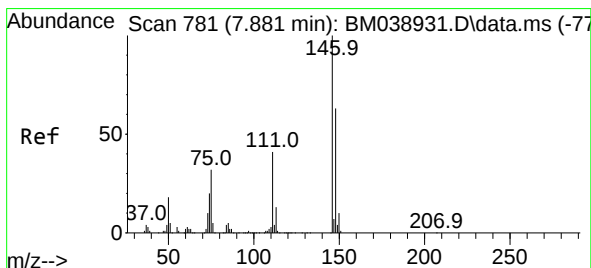
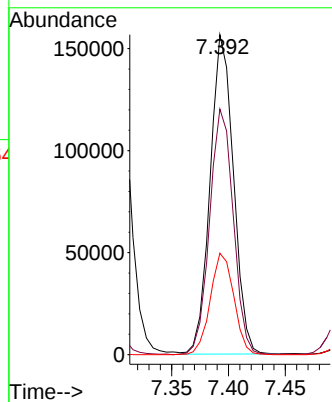
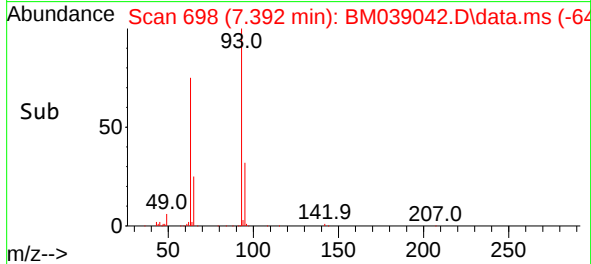
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 93 Resp: 223636
Ion Ratio Lower Upper
93 100
63 76.7 55.8 95.8
95 31.7 12.2 52.2

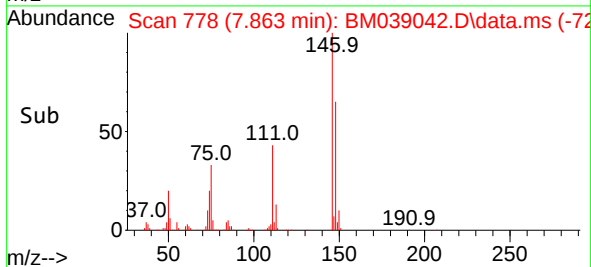
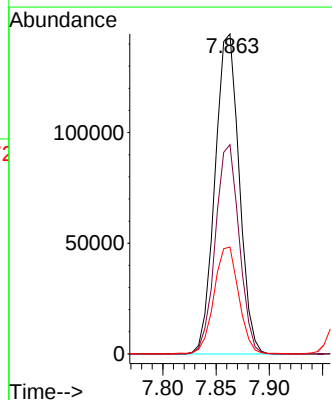
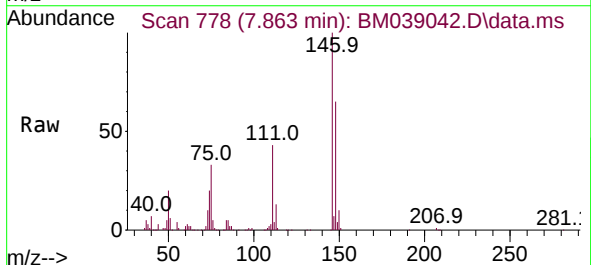
Manual Integrations
APPROVED

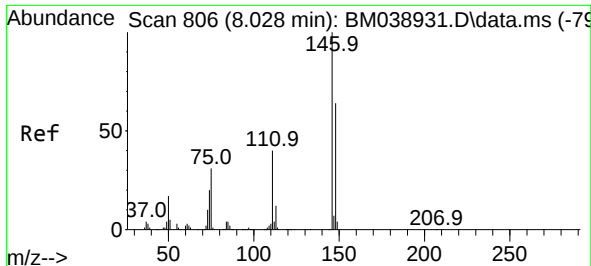
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#12
1,3-Dichlorobenzene
Concen: 7.087 ng
RT: 7.863 min Scan# 778
Delta R.T. 0.000 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

Tgt Ion:146 Resp: 228495
Ion Ratio Lower Upper
146 100
148 65.4 50.6 75.8
75 33.4 26.0 39.0





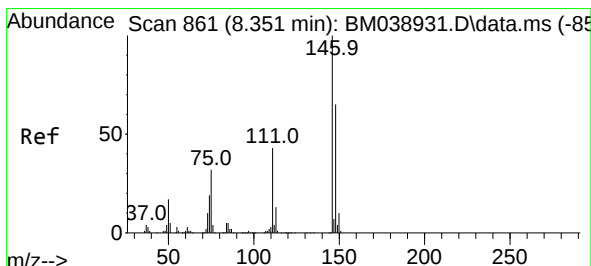
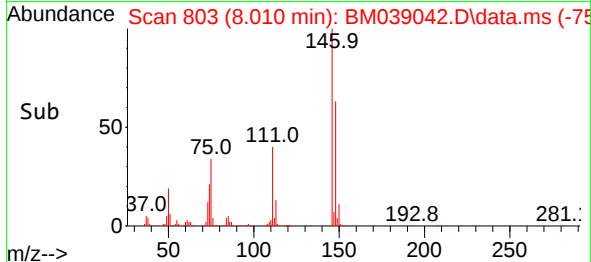
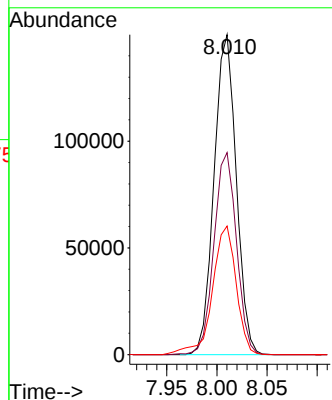
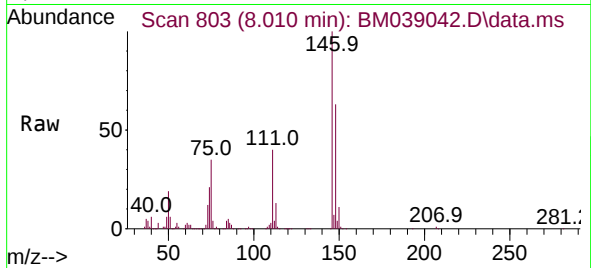
#13
1,4-Dichlorobenzene
Concen: 7.034 ng
RT: 8.010 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

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

Tgt Ion:146 Resp: 230649
Ion Ratio Lower Upper
146 100
148 63.1 51.0 76.4
111 40.2 32.2 48.4

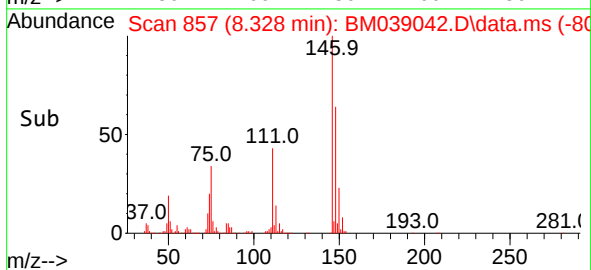
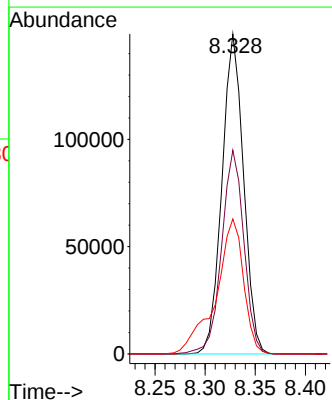
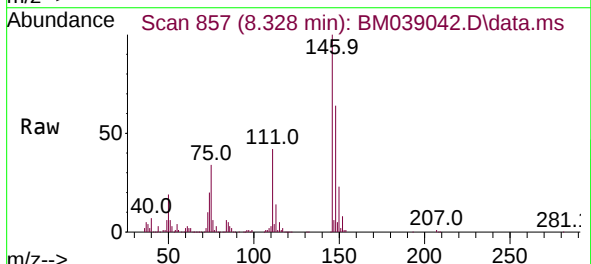
Manual Integrations
APPROVED

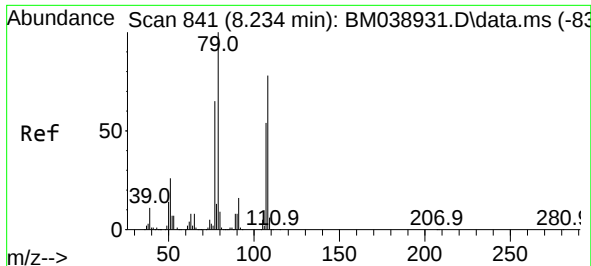
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#14
1,2-Dichlorobenzene
Concen: 7.073 ng
RT: 8.328 min Scan# 857
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

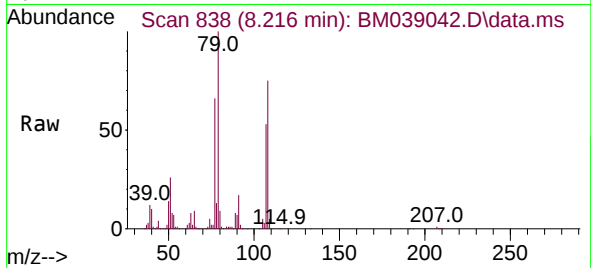
Tgt Ion:146 Resp: 223383
Ion Ratio Lower Upper
146 100
148 63.6 51.7 77.5
111 42.2 34.2 51.4





#15
Benzyl Alcohol
Concen: 6.932 ng
RT: 8.216 min Scan# 841
Delta R.T. 0.000 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

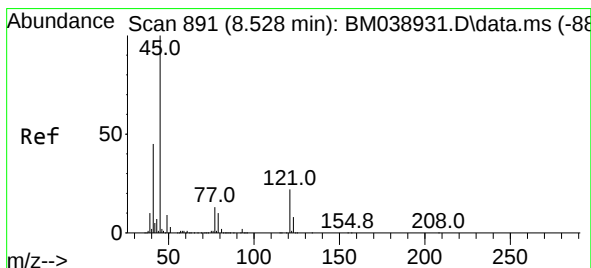
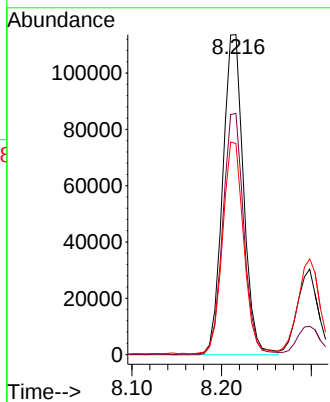
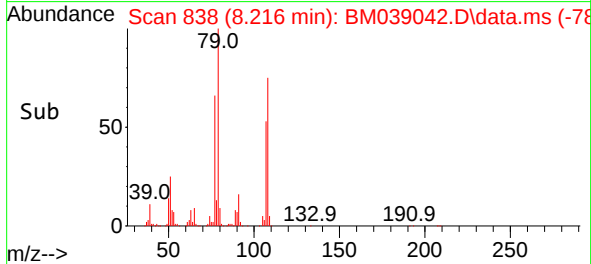
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 79 Resp: 183897
Ion Ratio Lower Upper
79 100
108 75.4 62.4 93.6
77 66.0 52.2 78.4

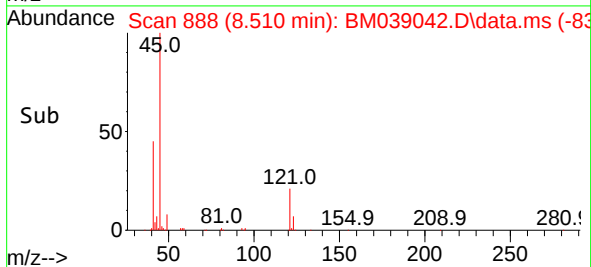
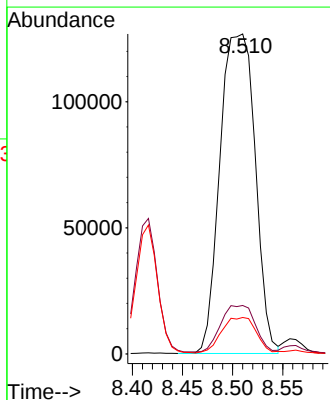
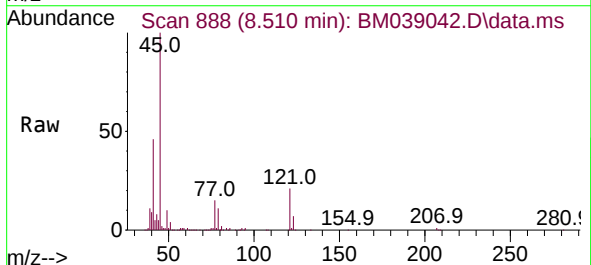
Manual Integrations
APPROVED

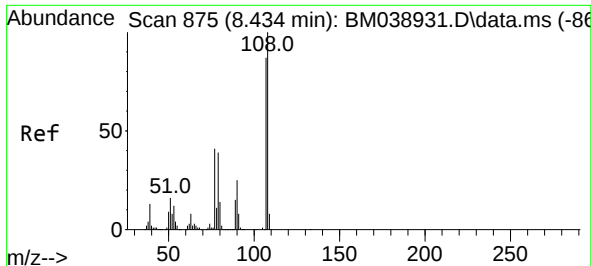
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.671 ng
RT: 8.510 min Scan# 888
Delta R.T. 0.000 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

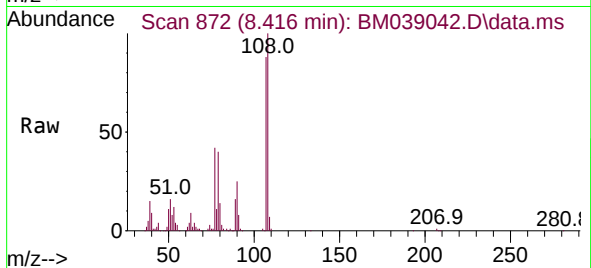
Tgt Ion: 45 Resp: 309601
Ion Ratio Lower Upper
45 100
77 15.1 0.0 34.8
79 11.4 0.0 31.5





#17
2-Methylphenol
Concen: 6.290 ng
RT: 8.416 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

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

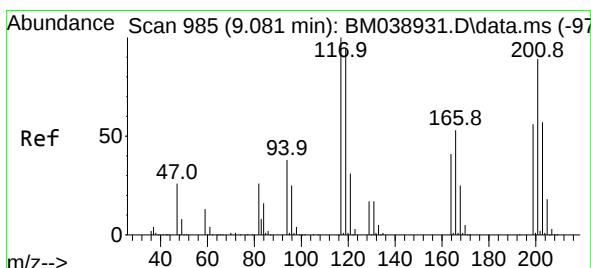
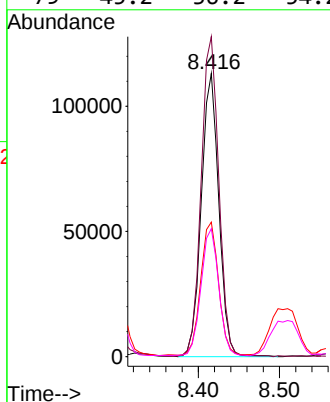
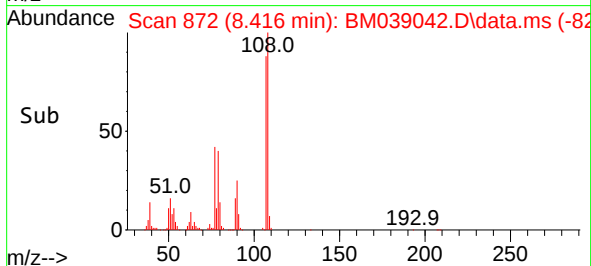


Tgt Ion:107 Resp: 16984

Ion	Ratio	Lower	Upper
107	100		
108	113.0	91.7	137.5
77	47.5	37.4	56.2
79	45.2	36.2	54.2

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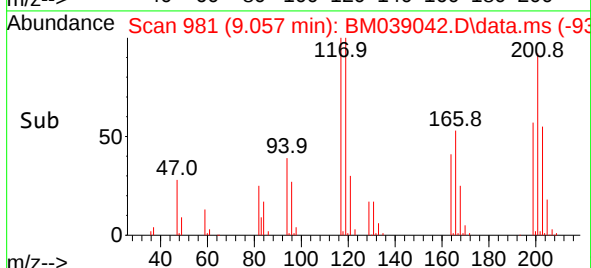
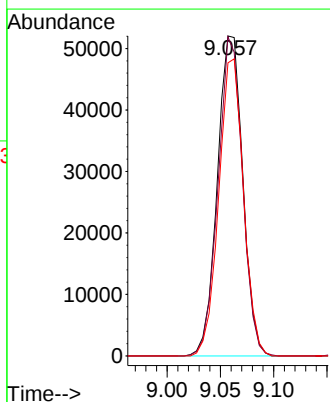
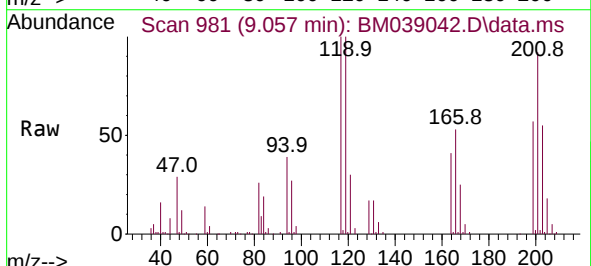
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023

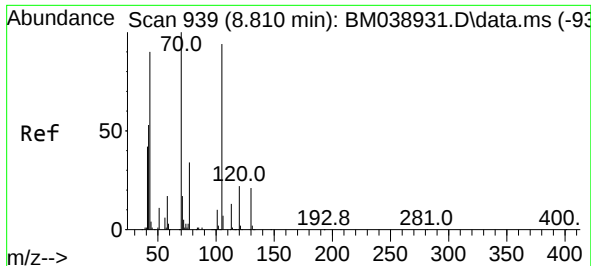


#18
Hexachloroethane
Concen: 7.164 ng
RT: 9.057 min Scan# 981
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

Tgt Ion:117 Resp: 86662

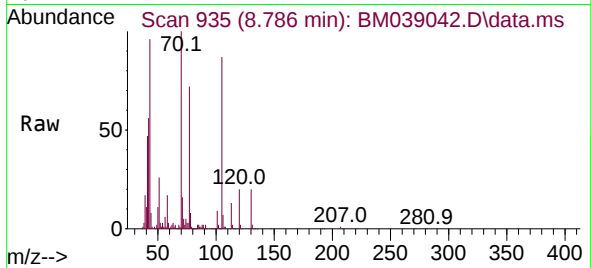
Ion	Ratio	Lower	Upper
117	100		
119	99.7	75.4	113.0
201	91.6	71.3	106.9





#19
n-Nitroso-di-n-propylamine
Concen: 7.684 ng
RT: 8.786 min Scan# 935
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

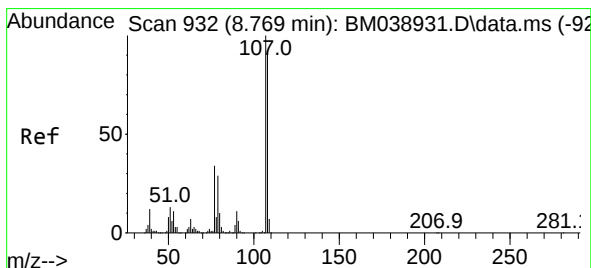
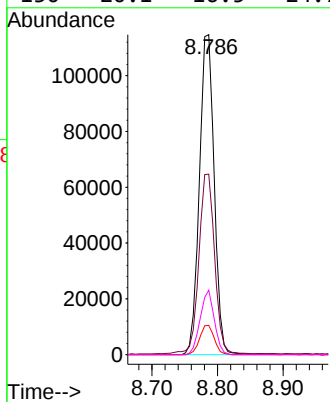
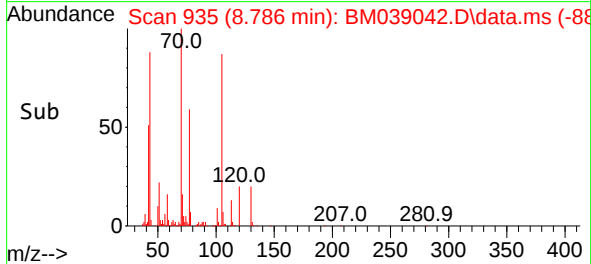
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT1-2023



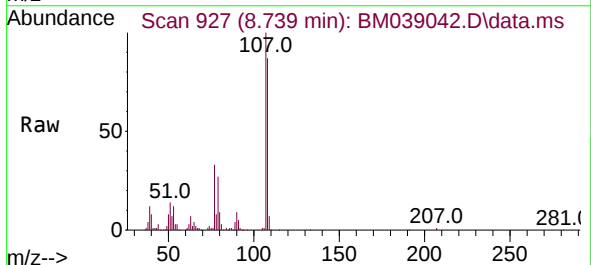
Tgt Ion: 70 Resp: 179126
Ion Ratio Lower Upper
70 100
42 56.4 43.4 65.2
101 9.1 7.6 11.4
130 20.1 16.5 24.7

Manual Integrations
APPROVED

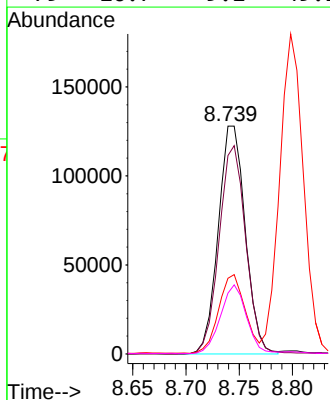
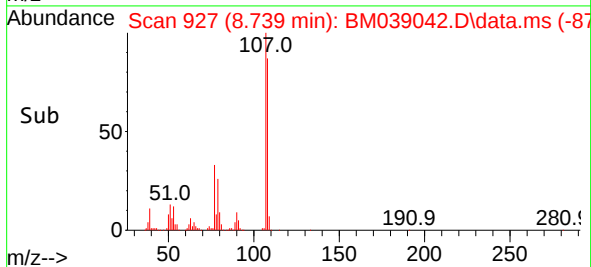
Reviewed By : Christian Giraldo 03/21/2023
Supervised By : Jagrut Upadhyay 03/21/2023

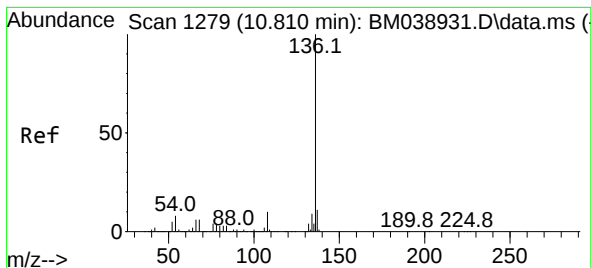


#20
3+4-Methylphenols
Concen: 6.272 ng
RT: 8.739 min Scan# 927
Delta R.T. -0.012 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30



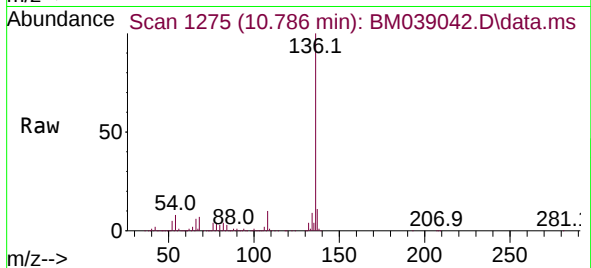
Tgt Ion: 107 Resp: 226130
Ion Ratio Lower Upper
107 100
108 87.1 71.8 111.8
77 33.2 13.6 53.6
79 26.7 9.2 49.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.786 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

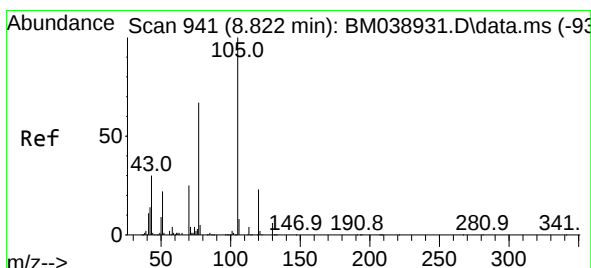
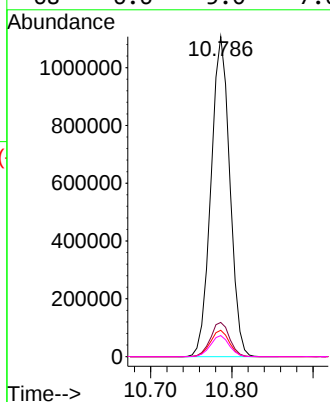
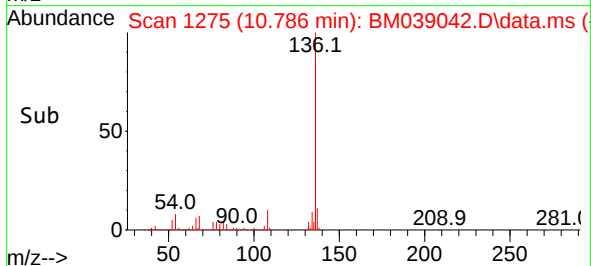
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT1-2023



Tgt Ion:136 Resp: 1782132
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 8.2 6.3 9.5
68 6.6 5.0 7.6

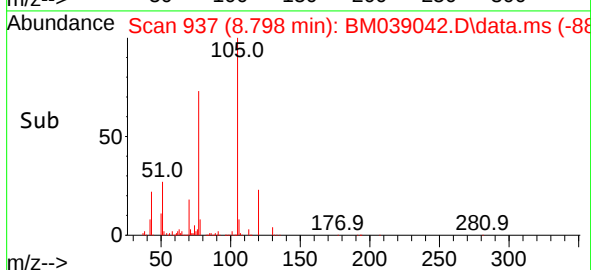
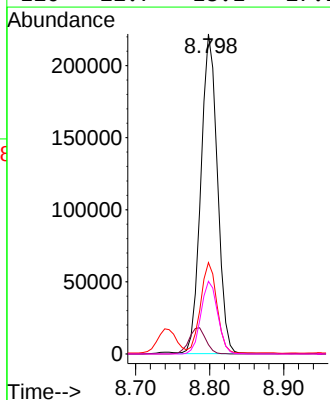
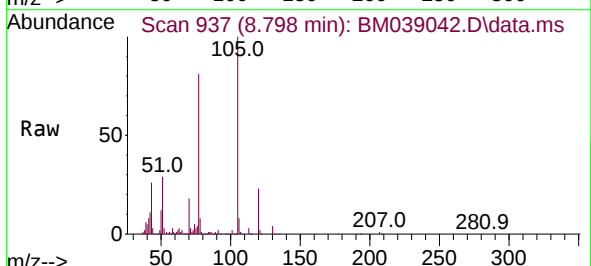
Manual Integrations
APPROVED

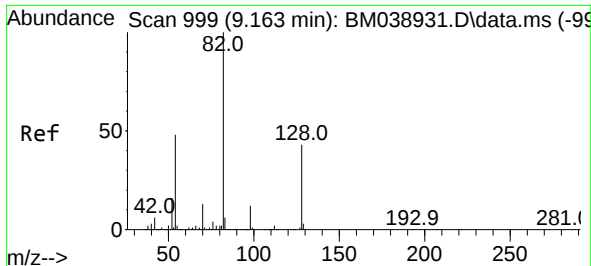
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#22
Acetophenone
Concen: 6.868 ng
RT: 8.798 min Scan# 937
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

Tgt Ion:105 Resp: 343407
Ion Ratio Lower Upper
105 100
71 2.9 3.4 5.0#
51 28.5 21.0 31.4
120 22.7 18.1 27.1





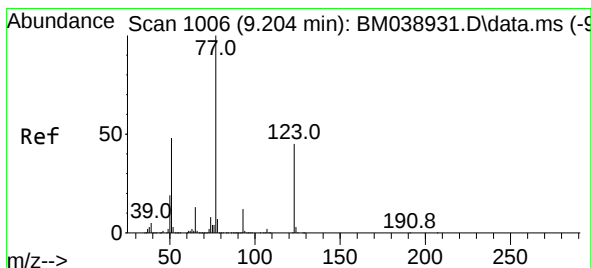
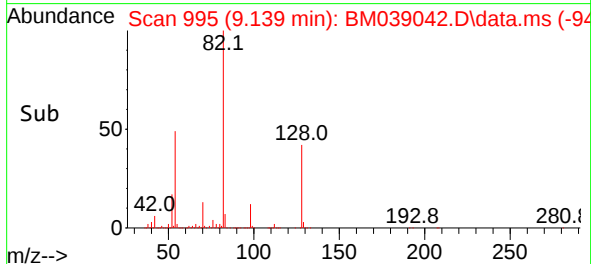
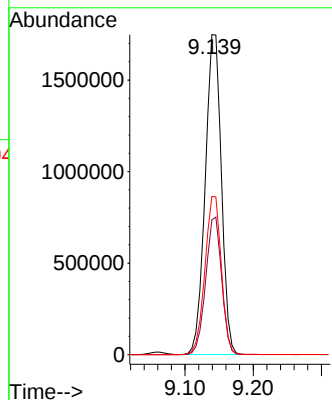
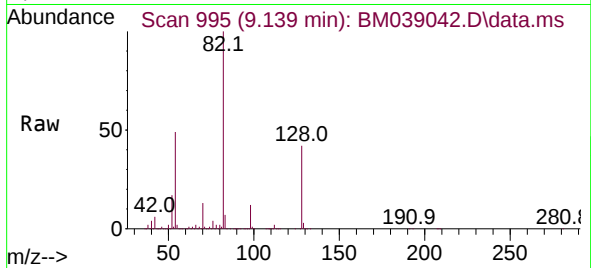
#23
Nitrobenzene-d5
Concen: 79.467 ng
RT: 9.139 min Scan# 999
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

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

Tgt Ion: 82 Resp: 2883096
Ion Ratio Lower Upper
82 100
128 42.1 34.4 51.6
54 49.4 38.8 58.2

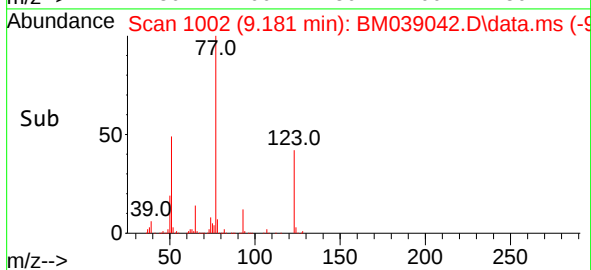
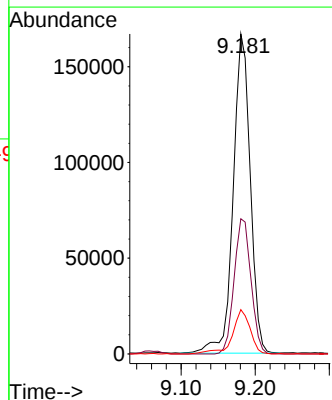
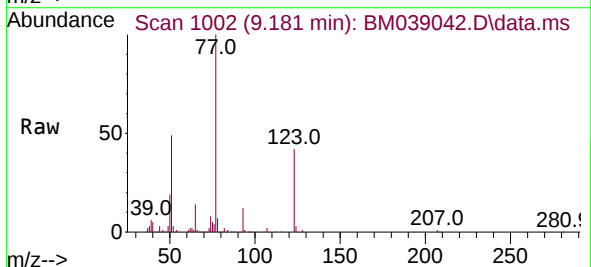
Manual Integrations
APPROVED

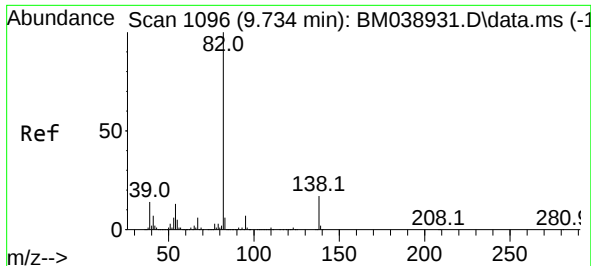
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#24
Nitrobenzene
Concen: 6.987 ng
RT: 9.181 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

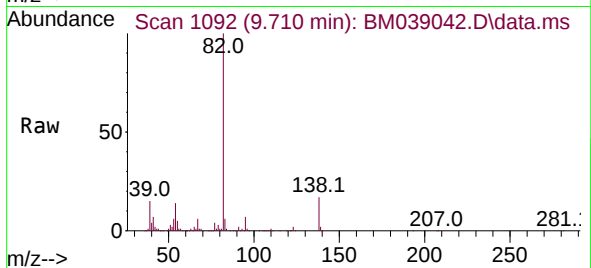
Tgt Ion: 77 Resp: 266432
Ion Ratio Lower Upper
77 100
123 42.2 35.8 53.6
65 13.8 10.2 15.4





#25
Isophorone
Concen: 7.171 ng
RT: 9.710 min Scan# 1092
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

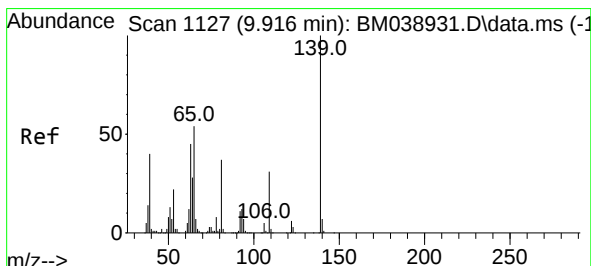
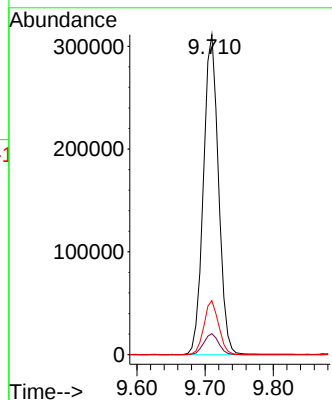
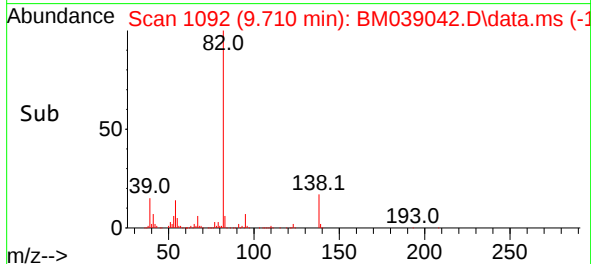
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT1-2023



Tgt Ion: 82 Resp: 478763
Ion Ratio Lower Upper
82 100
95 6.5 5.2 7.8
138 16.9 13.6 20.4

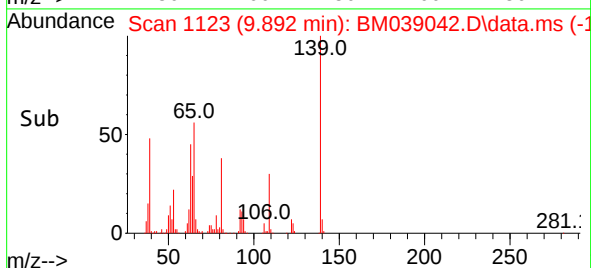
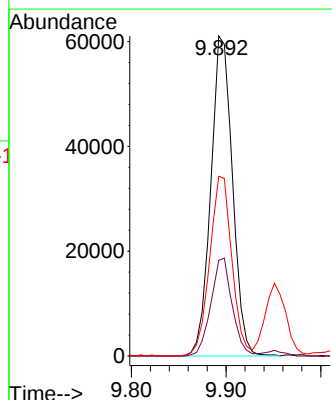
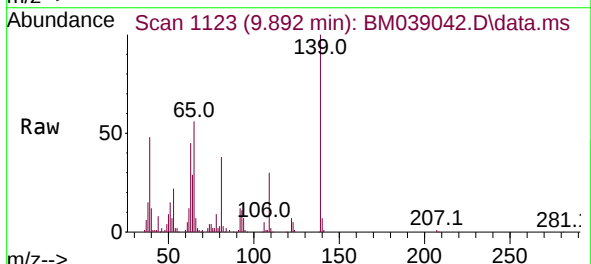
Manual Integrations
APPROVED

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



#26
2-Nitrophenol
Concen: 8.407 ng
RT: 9.892 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

Tgt Ion:139 Resp: 97259
Ion Ratio Lower Upper
139 100
109 29.8 24.5 36.7
65 56.1 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 6.534 ng

RT: 9.951 min Scan# 1133

Delta R.T. -0.006 min

Lab File: BM039042.D

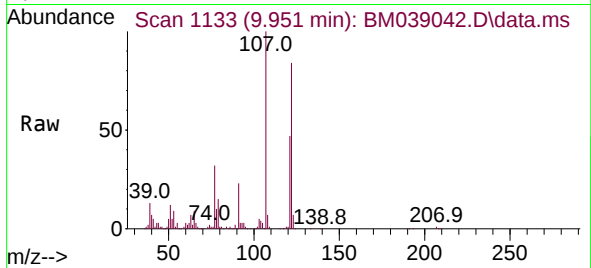
Acq: 20 Mar 2023 13:30

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2023



Tgt Ion:122 Resp: 190083

Ion Ratio Lower Upper

122 100

107 119.0 91.0 136.4

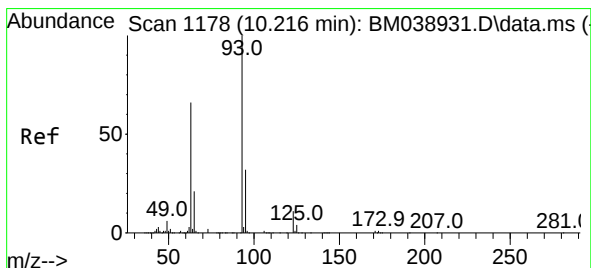
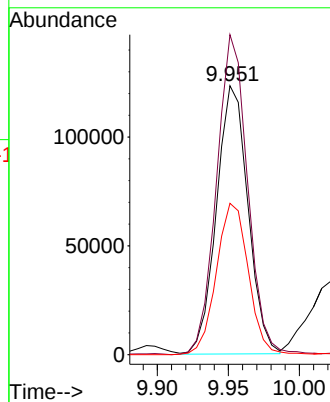
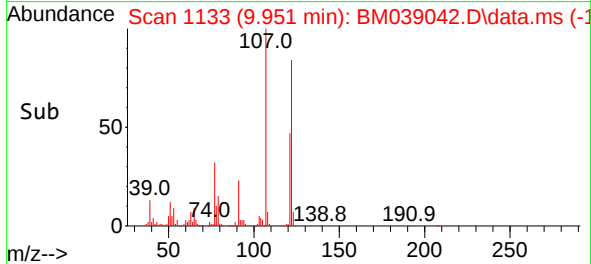
121 56.3 45.1 67.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/21/2023

Supervised By :Jagrut Upadhyay 03/21/2023



#28

bis(2-Chloroethoxy)methane

Concen: 7.060 ng

RT: 10.192 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BM039042.D

Acq: 20 Mar 2023 13:30

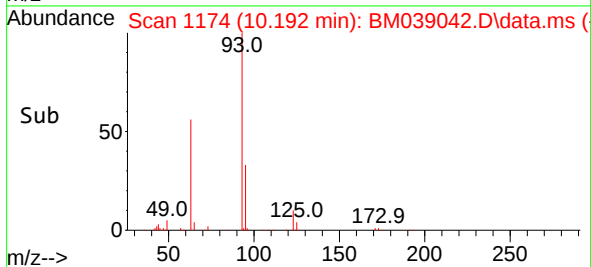
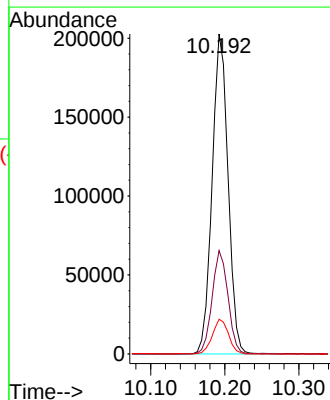
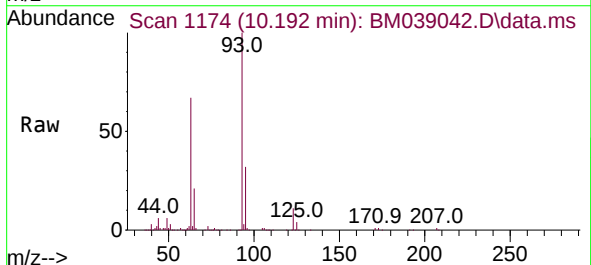
Tgt Ion: 93 Resp: 302851

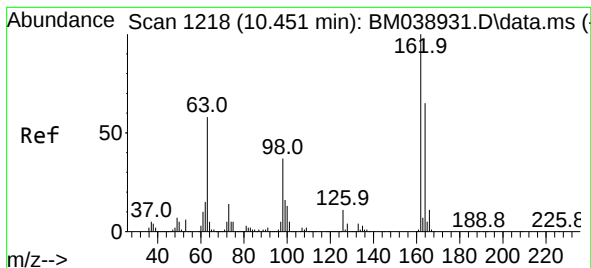
Ion Ratio Lower Upper

93 100

95 32.3 25.9 38.9

123 10.8 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 6.208 ng

RT: 10.428 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM039042.D

Acq: 20 Mar 2023 13:30

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2023

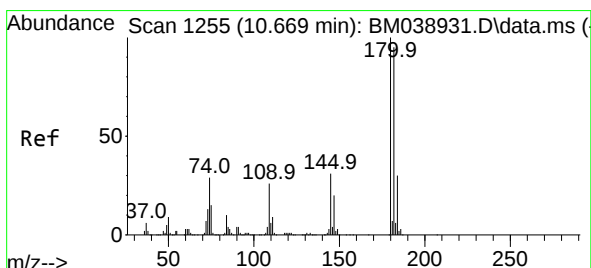
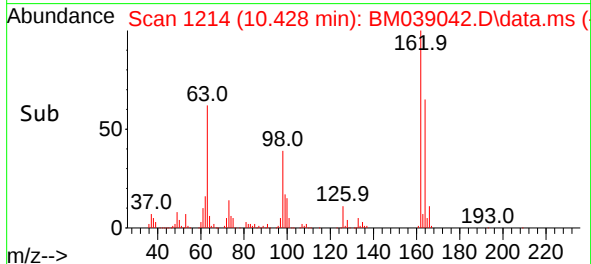
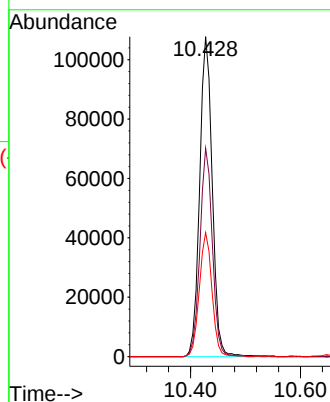
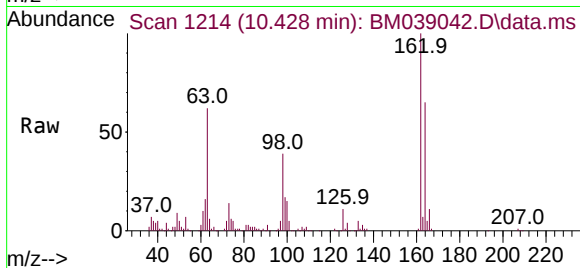
Tgt Ion:	162	Resp:	171204
Ion Ratio	Lower	Upper	
162	100		
164	65.1	44.6	84.6
98	38.7	17.5	57.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/21/2023

Supervised By :Jagrut Upadhyay 03/21/2023



#30

1,2,4-Trichlorobenzene

Concen: 6.519 ng

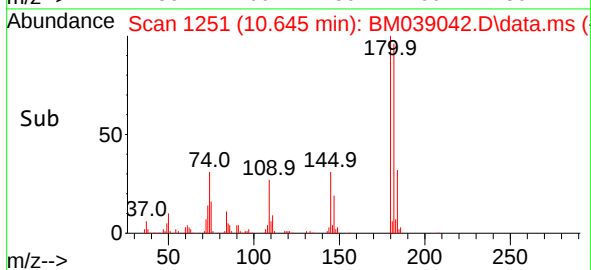
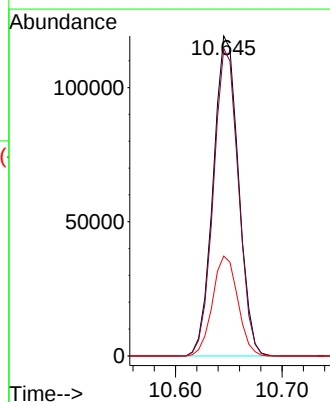
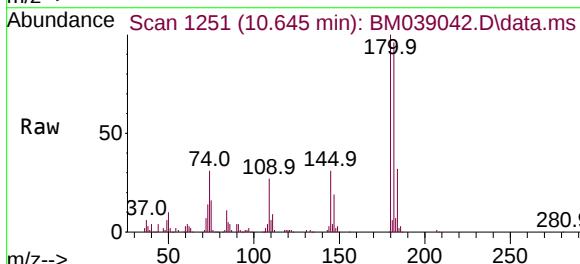
RT: 10.645 min Scan# 1251

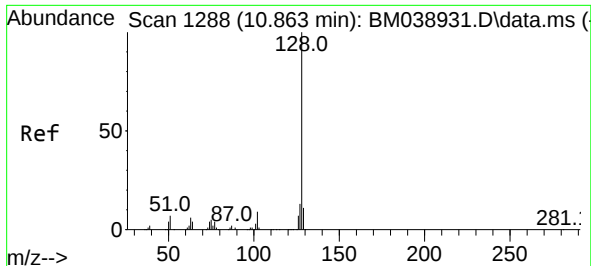
Delta R.T. -0.006 min

Lab File: BM039042.D

Acq: 20 Mar 2023 13:30

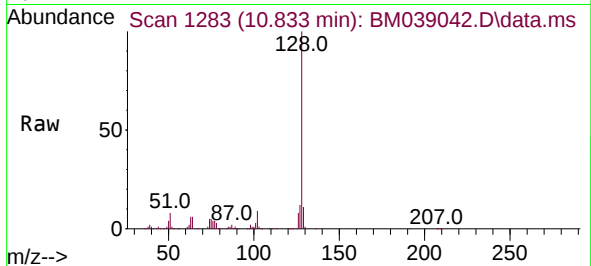
Tgt Ion:	180	Resp:	196475
Ion Ratio	Lower	Upper	
180	100		
182	96.0	76.3	114.5
145	31.2	25.0	37.4





#31
Naphthalene
Concen: 6.582 ng
RT: 10.833 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

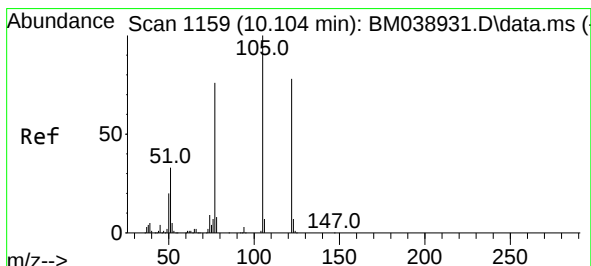
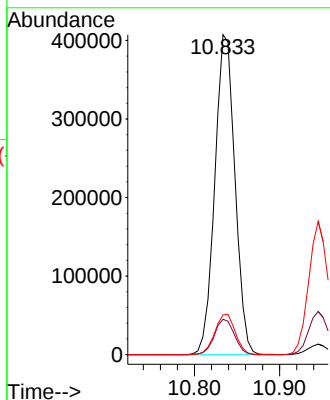
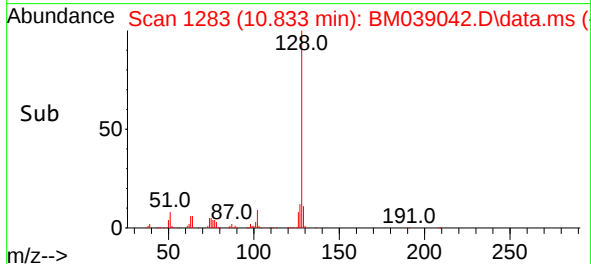
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:128 Resp: 668912
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.4 10.2 15.4

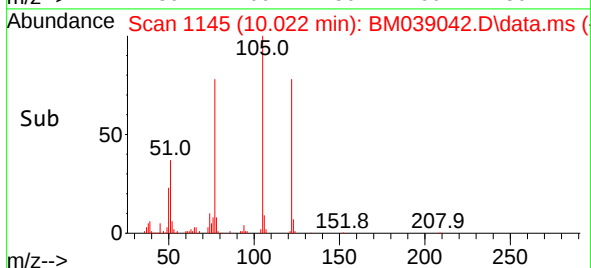
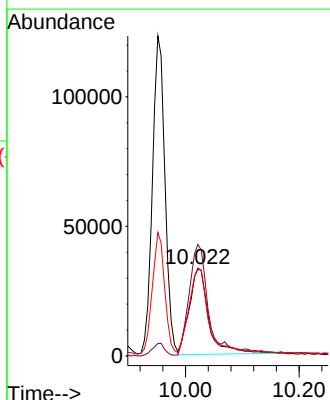
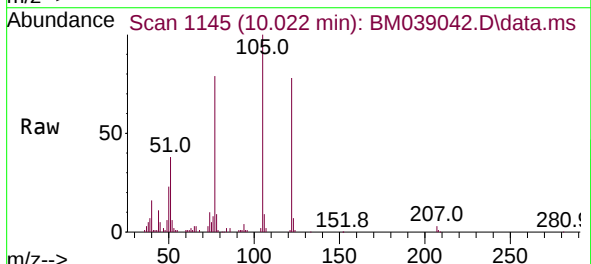
Manual Integrations
APPROVED

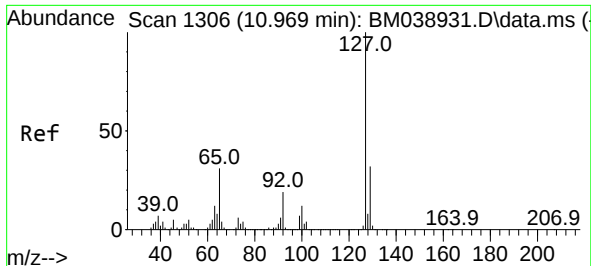
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#32
Benzoic acid
Concen: 9.007 ng
RT: 10.022 min Scan# 1145
Delta R.T. -0.076 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

Tgt Ion:122 Resp: 79356
Ion Ratio Lower Upper
122 100
105 128.5 104.2 144.2
77 101.6 75.1 115.1





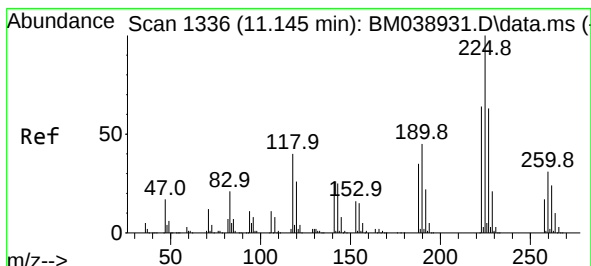
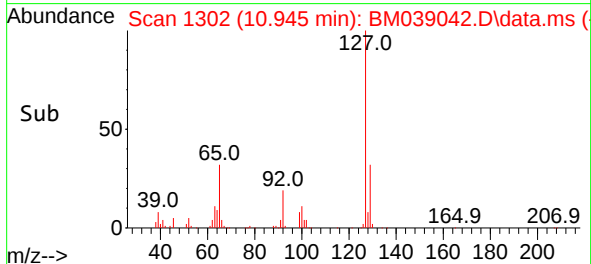
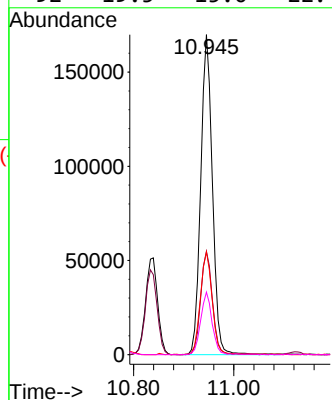
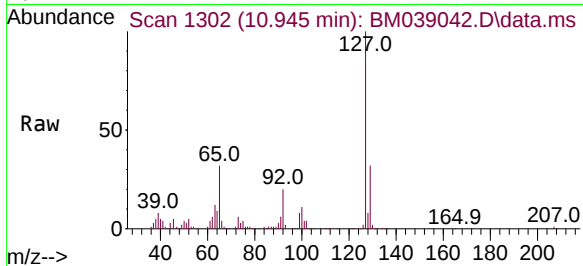
#33
4-Chloroaniline
Concen: 6.348 ng
RT: 10.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

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

Tgt Ion:127 Resp: 274895
Ion Ratio Lower Upper
127 100
129 32.3 25.4 38.2
65 32.1 24.4 36.6
92 19.5 15.0 22.4

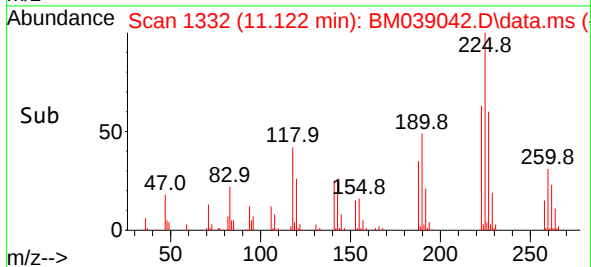
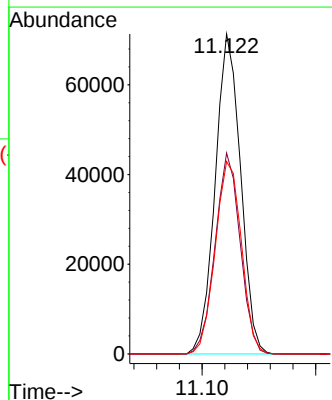
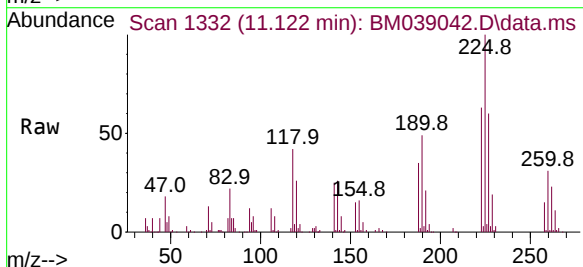
Manual Integrations
APPROVED

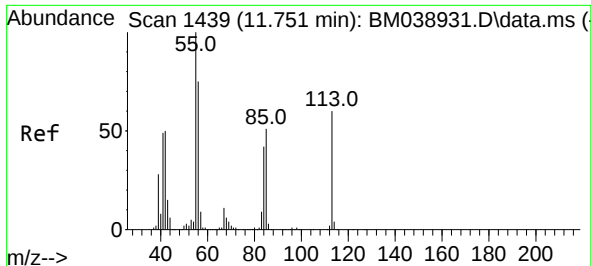
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#34
Hexachlorobutadiene
Concen: 6.396 ng
RT: 11.122 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

Tgt Ion:225 Resp: 110546
Ion Ratio Lower Upper
225 100
223 62.8 51.3 76.9
227 60.1 50.6 76.0





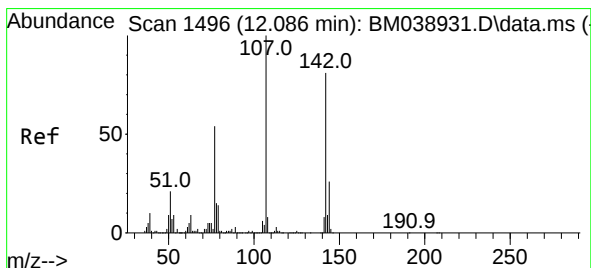
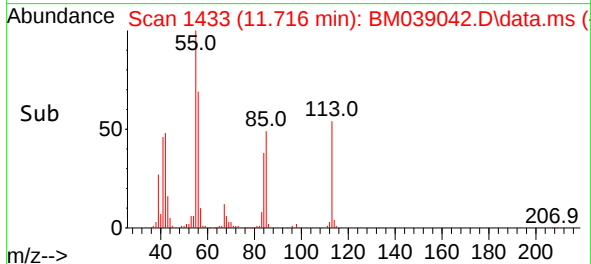
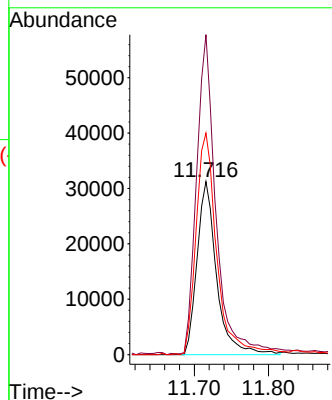
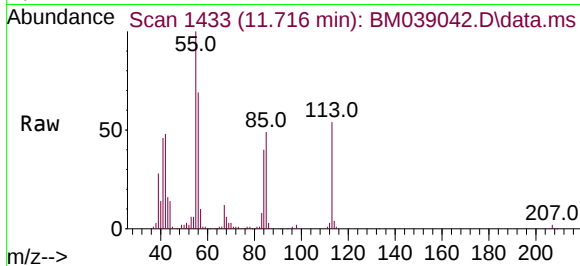
#35
 Caprolactam
 Concen: 6.815 ng
 RT: 11.716 min Scan# 1433
 Delta R.T. -0.024 min
 Lab File: BM039042.D
 Acq: 20 Mar 2023 13:30

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

Tgt Ion:113 Resp: 57209
 Ion Ratio Lower Upper
 113 100
 55 185.0 147.0 187.0
 56 128.1 105.1 145.1

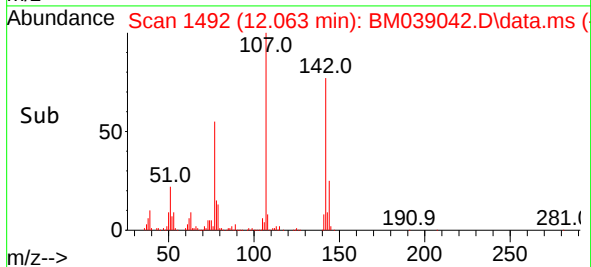
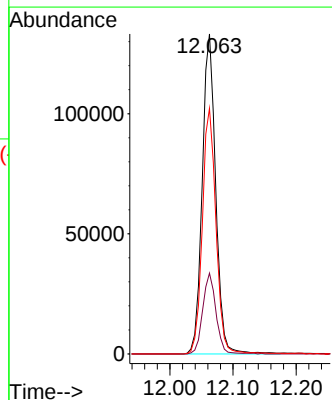
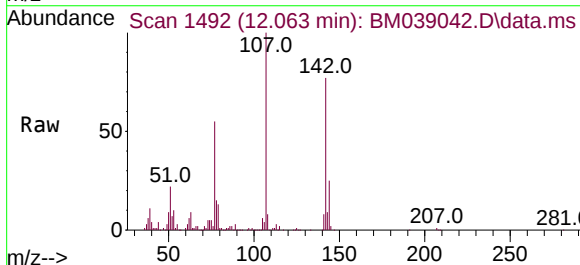
Manual Integrations
 APPROVED

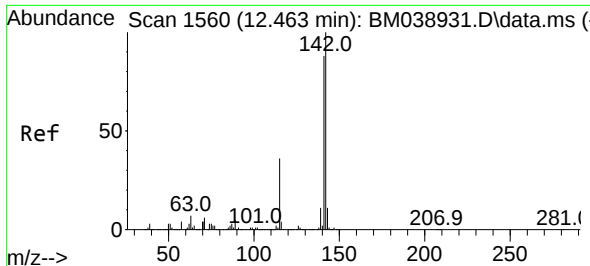
Reviewed By :Christian Giraldo 03/21/2023
 Supervised By :Jagrut Upadhyay 03/21/2023



#36
 4-Chloro-3-methylphenol
 Concen: 6.714 ng
 RT: 12.063 min Scan# 1492
 Delta R.T. -0.006 min
 Lab File: BM039042.D
 Acq: 20 Mar 2023 13:30

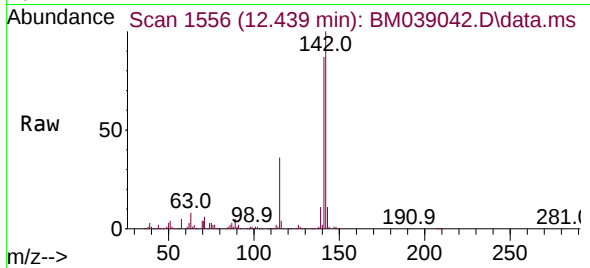
Tgt Ion:107 Resp: 197169
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.7 31.1
 142 76.7 64.6 97.0





#37
2-Methylnaphthalene
Concen: 6.564 ng
RT: 12.439 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

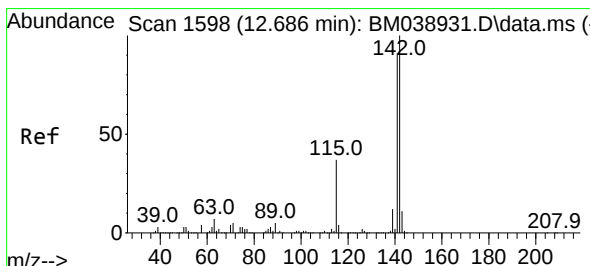
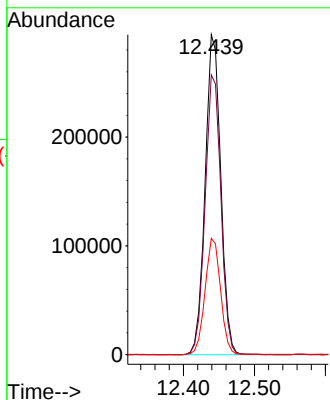
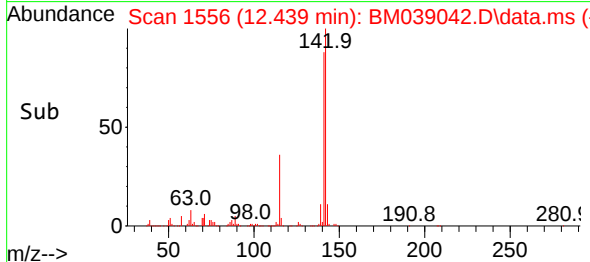
Instrument : BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:142 Resp: 447076
Ion Ratio Lower Upper
142 100
141 87.4 70.6 106.0
115 36.3 28.5 42.7

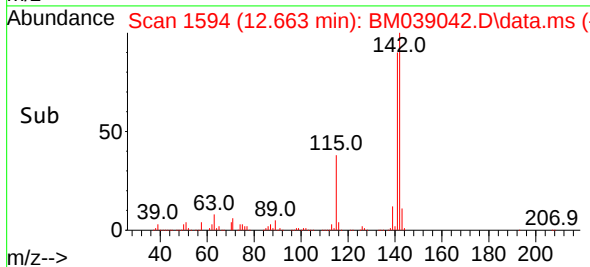
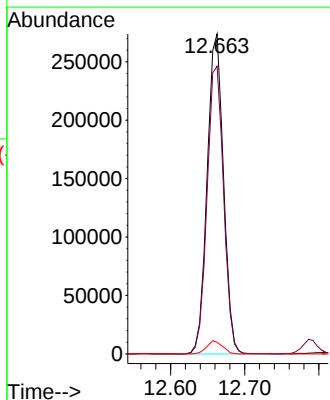
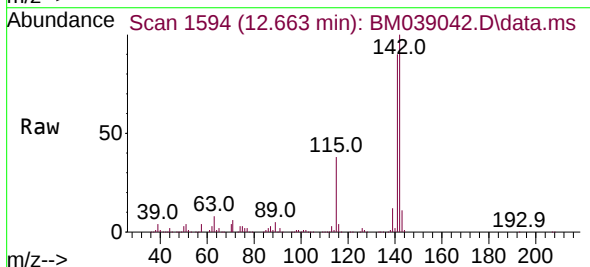
Manual Integrations
APPROVED

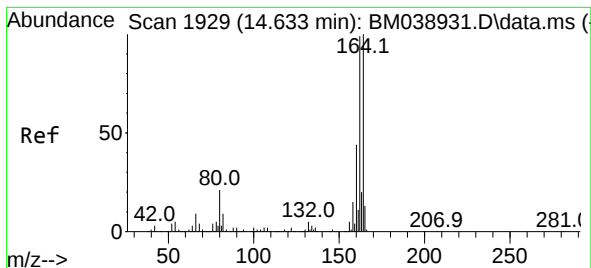
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#38
1-Methylnaphthalene
Concen: 6.561 ng
RT: 12.663 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

Tgt Ion:142 Resp: 418781
Ion Ratio Lower Upper
142 100
141 89.9 72.8 109.2
116 3.6 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.616 min Scan# 1929

Delta R.T. 0.000 min

Lab File: BM039042.D

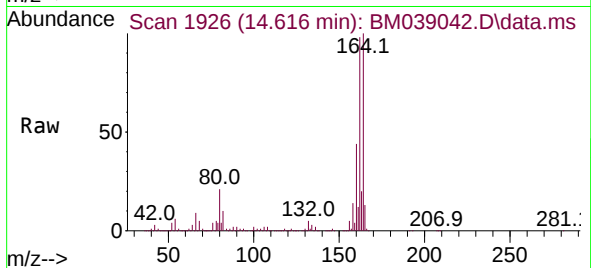
Acq: 20 Mar 2023 13:30

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2023



Tgt Ion:164 Resp: 1105365

Ion Ratio Lower Upper

164 100

162 98.4 79.2 118.8

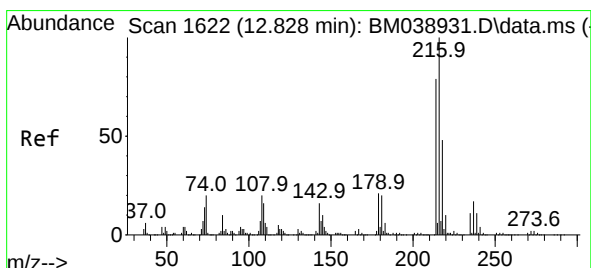
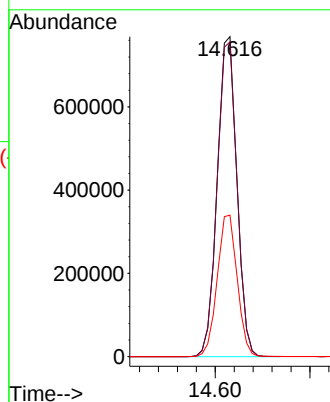
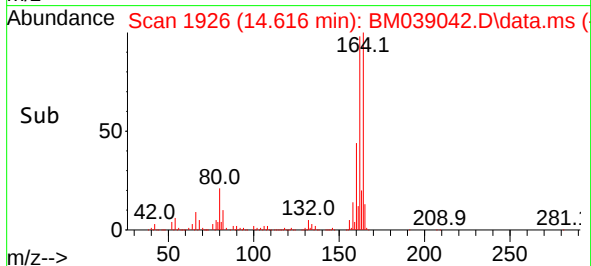
160 44.2 35.5 53.3

Manual Integrations

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Reviewed By :Christian Giraldo 03/21/2023

Supervised By :Jagrut Upadhyay 03/21/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.915 ng

RT: 12.810 min Scan# 1619

Delta R.T. -0.006 min

Lab File: BM039042.D

Acq: 20 Mar 2023 13:30

Tgt Ion:216 Resp: 212549

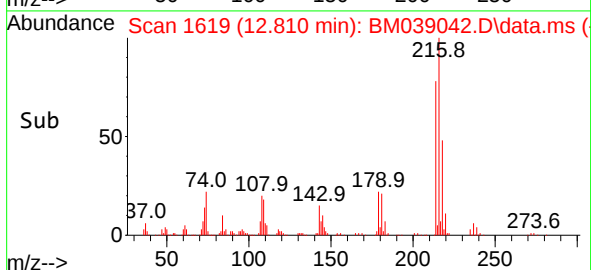
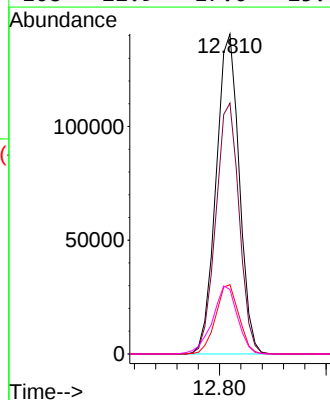
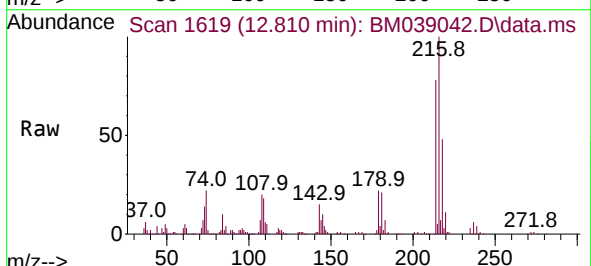
Ion Ratio Lower Upper

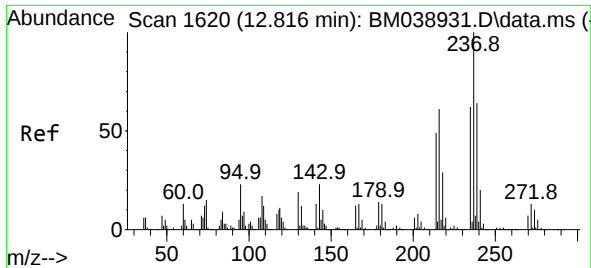
216 100

214 79.0 63.0 94.4

179 21.8 16.8 25.2

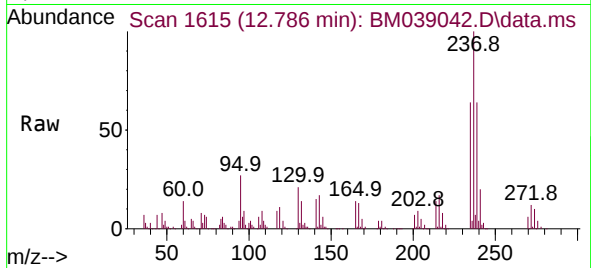
108 22.9 17.0 25.4





#41
Hexachlorocyclopentadiene
Concen: 6.188 ng
RT: 12.786 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

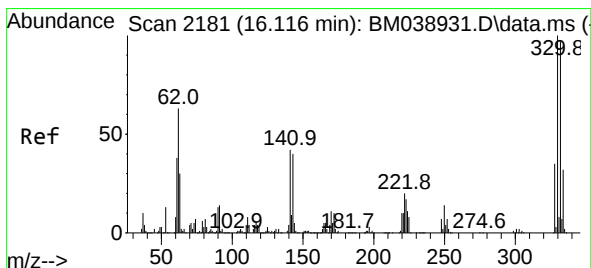
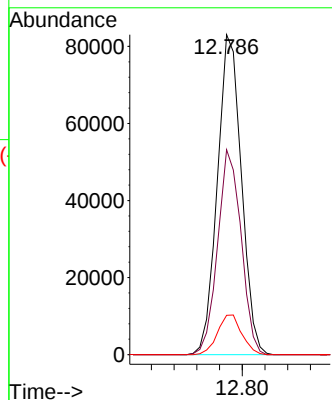
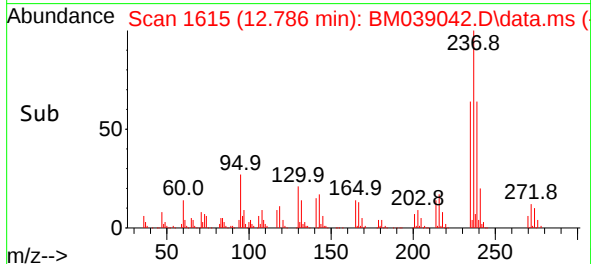
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT1-2023



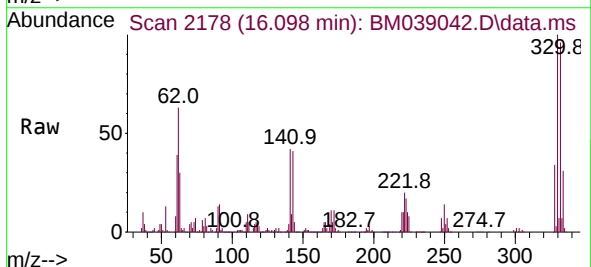
Tgt Ion:237 Resp: 122056
Ion Ratio Lower Upper
237 100
235 64.0 41.7 81.7
272 12.3 0.0 33.2

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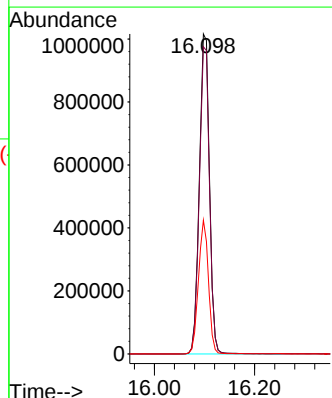
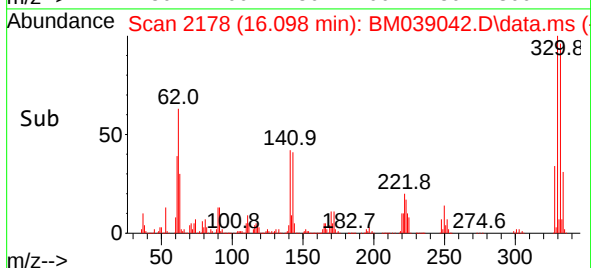
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023

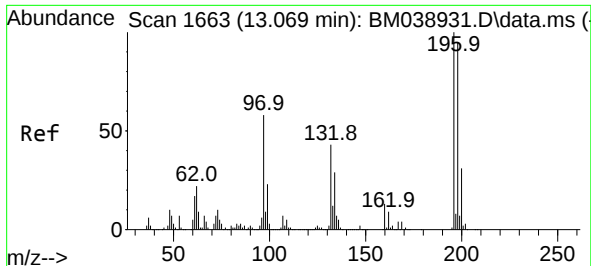


#42
2,4,6-Tribromophenol
Concen: 111.441 ng
RT: 16.098 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30



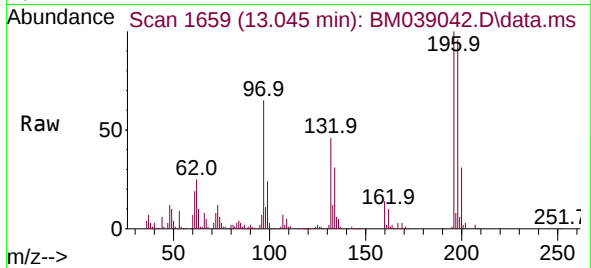
Tgt Ion:330 Resp: 1425034
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.0
141 41.2 32.2 48.4





#43
2,4,6-Trichlorophenol
Concen: 5.649 ng
RT: 13.045 min Scan# 1659
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

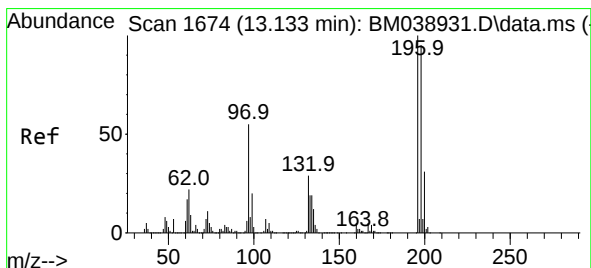
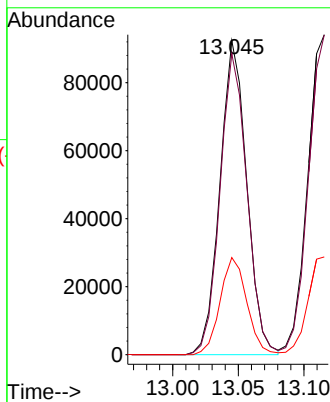
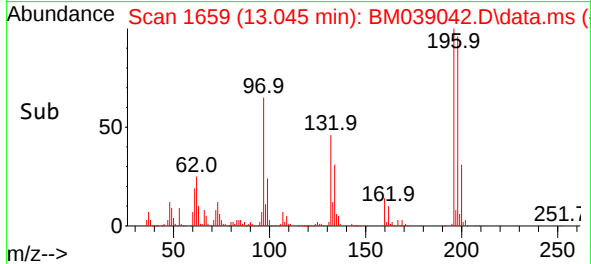
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:196 Resp: 131440
Ion Ratio Lower Upper
196 100
198 95.8 75.8 113.8
200 30.9 25.0 37.4

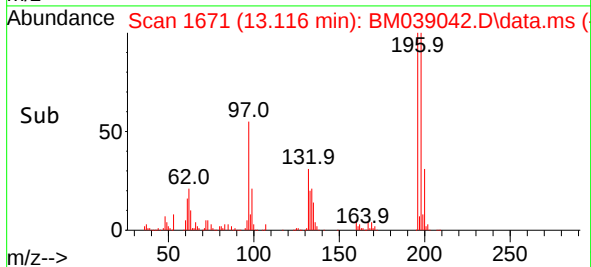
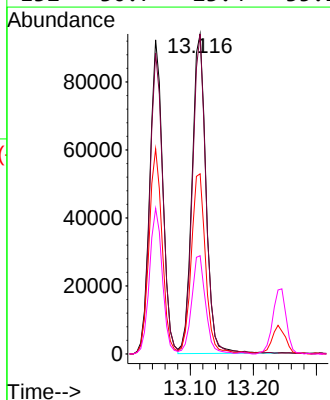
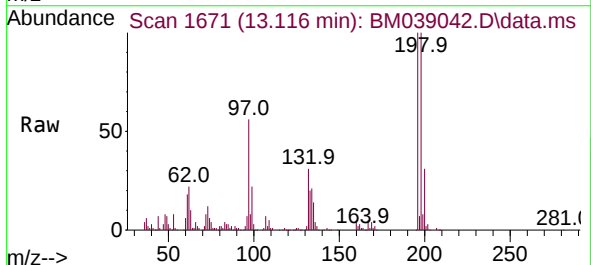
Manual Integrations
APPROVED

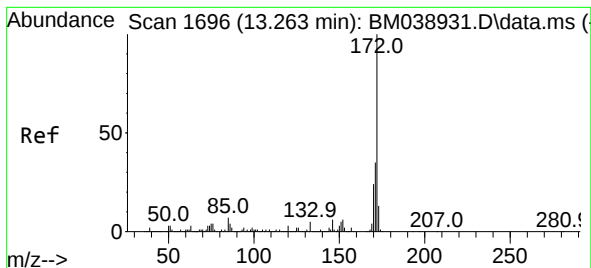
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#44
2,4,5-Trichlorophenol
Concen: 5.297 ng
RT: 13.116 min Scan# 1671
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

Tgt Ion:196 Resp: 144266
Ion Ratio Lower Upper
196 100
198 99.9 76.3 114.5
97 56.3 44.2 66.4
132 30.7 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 71.855 ng

RT: 13.239 min Scan# 1692

Delta R.T. -0.006 min

Lab File: BM039042.D

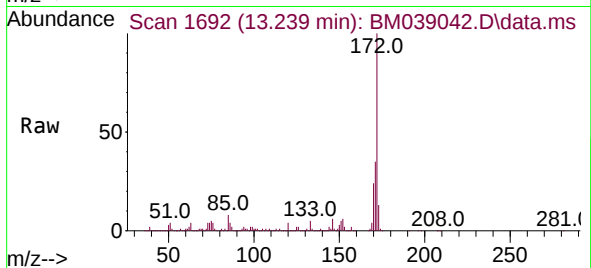
Acq: 20 Mar 2023 13:30

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2023



Tgt Ion:172 Resp: 6101268

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

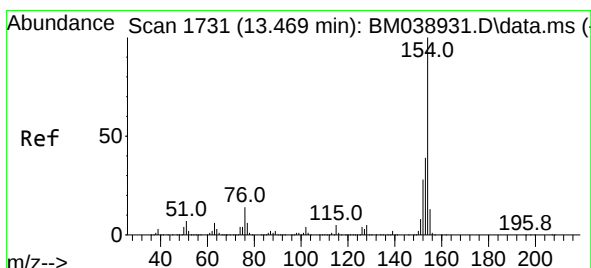
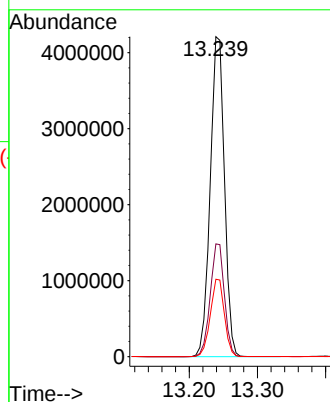
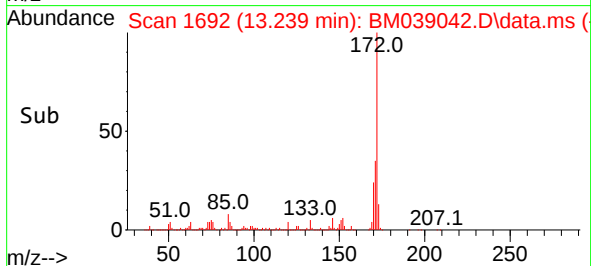
170 24.2 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/21/2023

Supervised By :Jagrut Upadhyay 03/21/2023



#46

1,1'-Biphenyl

Concen: 6.614 ng

RT: 13.451 min Scan# 1728

Delta R.T. -0.006 min

Lab File: BM039042.D

Acq: 20 Mar 2023 13:30

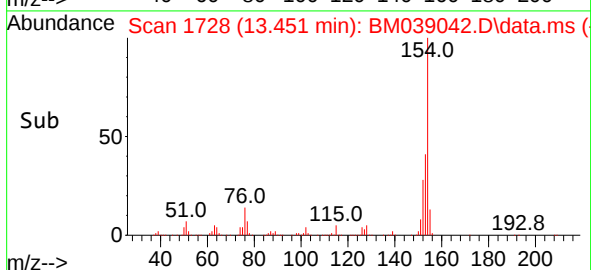
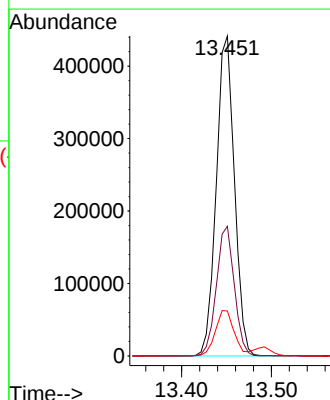
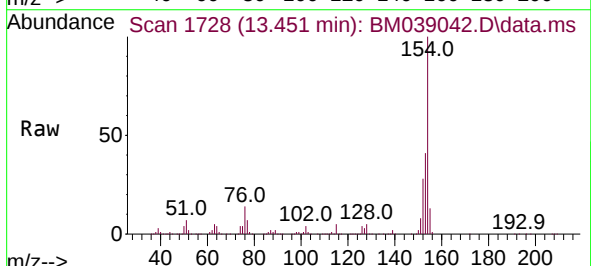
Tgt Ion:154 Resp: 619406

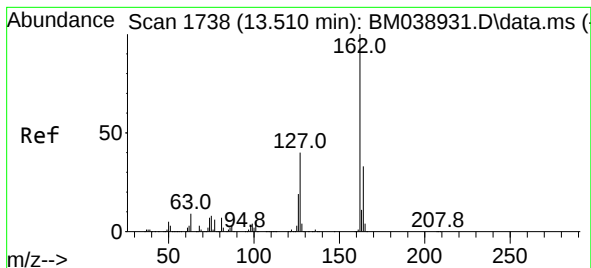
Ion Ratio Lower Upper

154 100

153 40.5 19.3 59.3

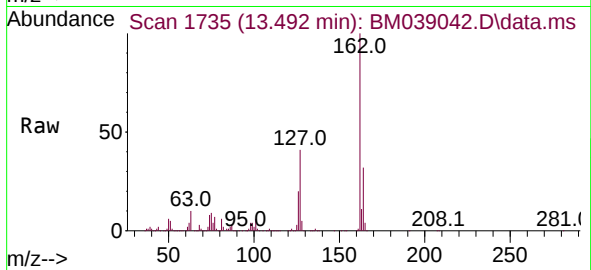
76 14.0 0.0 34.0





#47
2-Chloronaphthalene
Concen: 6.449 ng
RT: 13.492 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

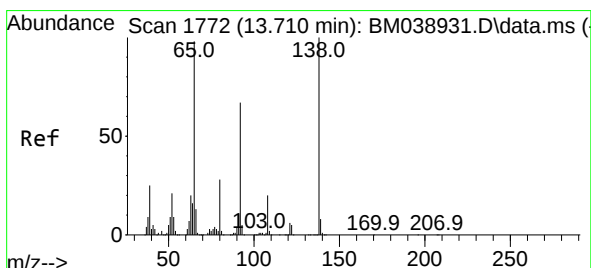
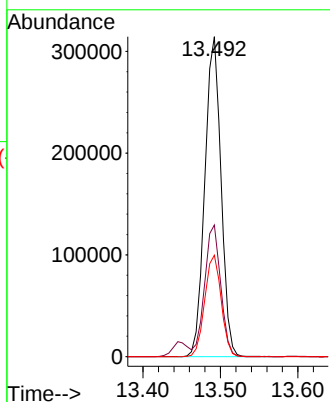
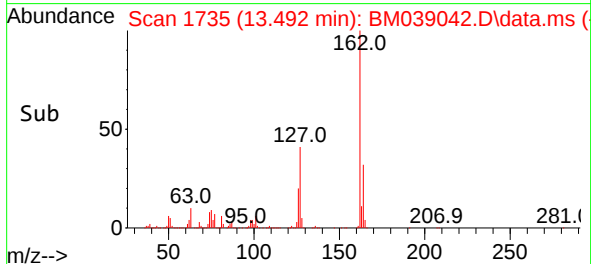
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:162 Resp: 455369
Ion Ratio Lower Upper
162 100
127 41.1 32.1 48.1
164 31.7 26.2 39.4

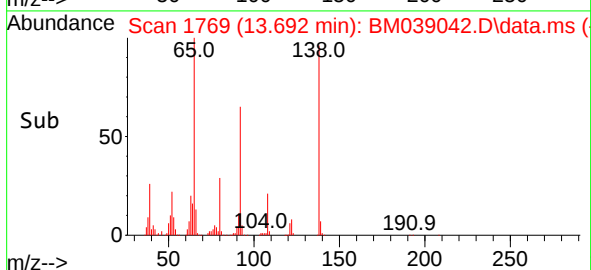
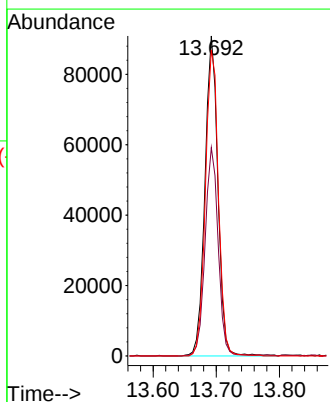
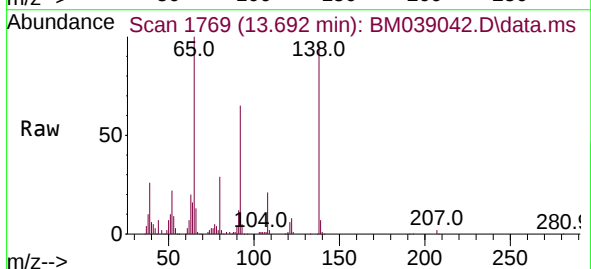
Manual Integrations
APPROVED

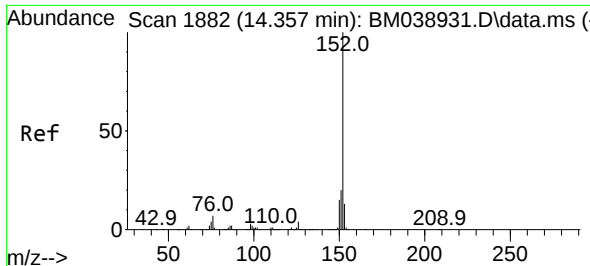
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#48
2-Nitroaniline
Concen: 7.670 ng
RT: 13.692 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

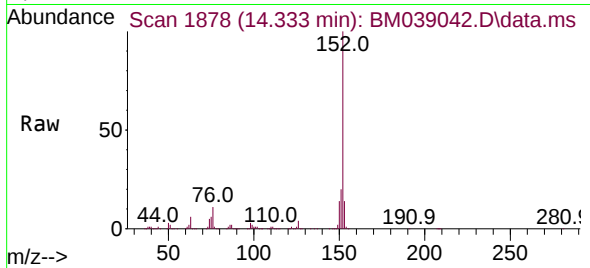
Tgt Ion: 65 Resp: 129290
Ion Ratio Lower Upper
65 100
92 65.1 54.9 82.3
138 95.6 81.6 122.4





#49
Acenaphthylene
Concen: 6.237 ng
RT: 14.333 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

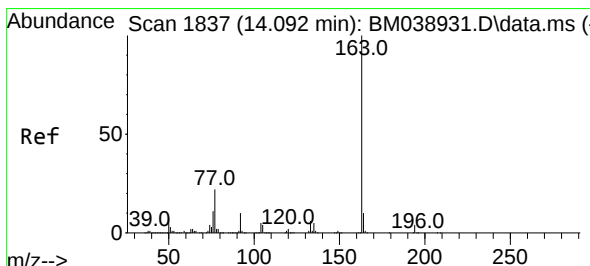
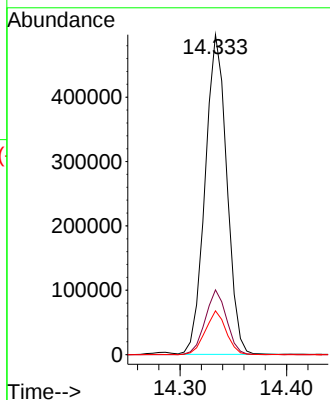
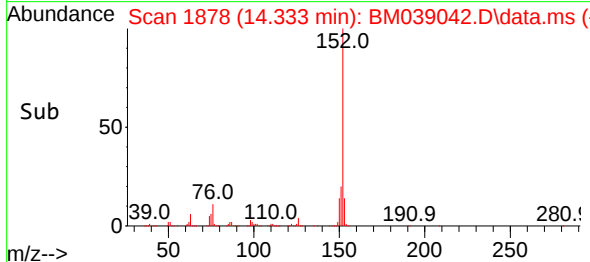
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:152 Resp: 701499
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.8
153 13.7 10.4 15.6

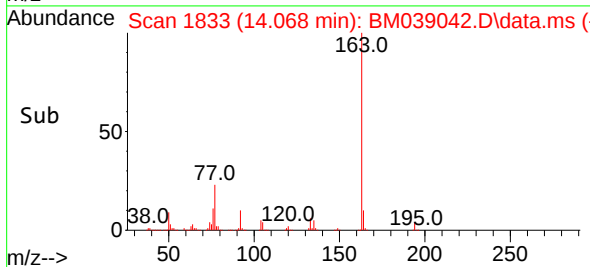
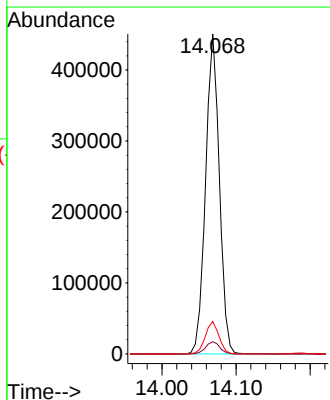
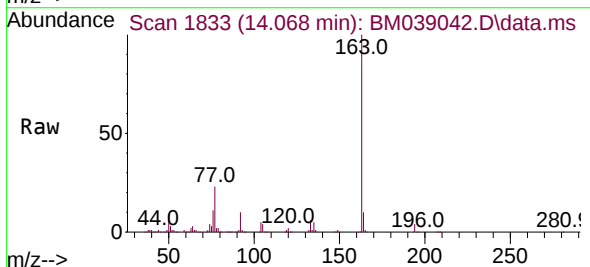
Manual Integrations
APPROVED

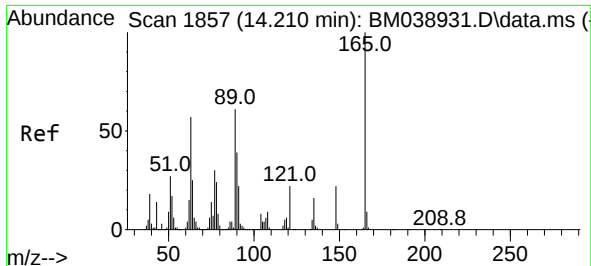
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#50
Dimethylphthalate
Concen: 6.816 ng
RT: 14.068 min Scan# 1833
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

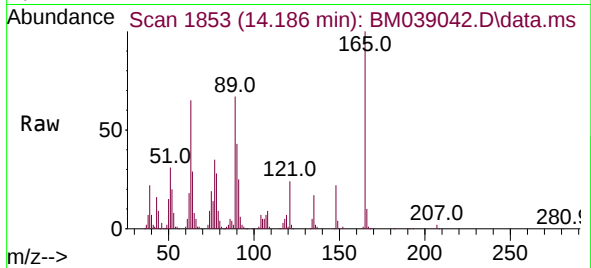
Tgt Ion:163 Resp: 579782
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.1 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 7.236 ng
RT: 14.186 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

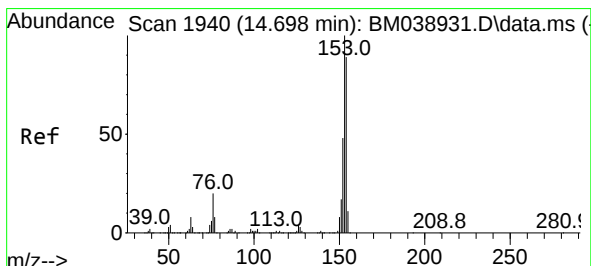
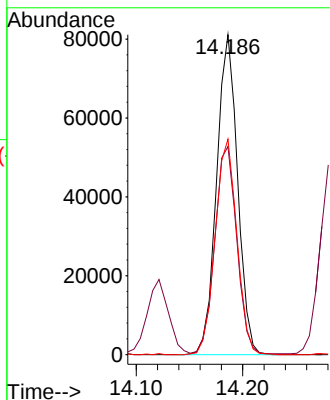
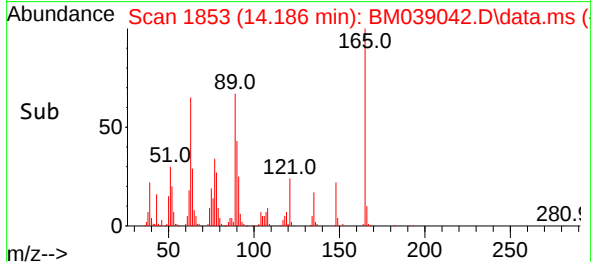
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:165 Resp: 110994
Ion Ratio Lower Upper
165 100
63 65.0 46.6 70.0
89 67.3 48.6 73.0

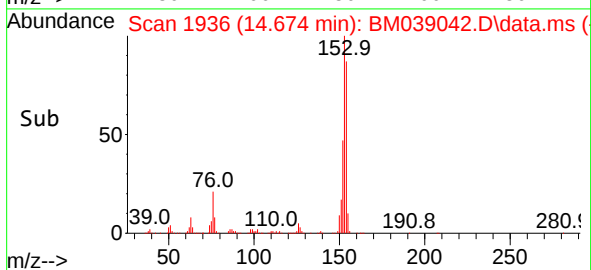
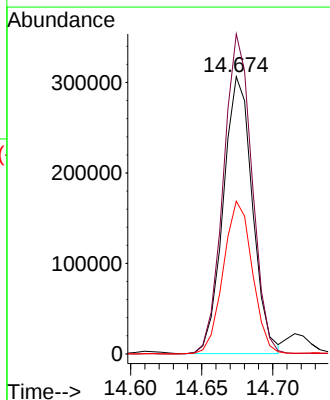
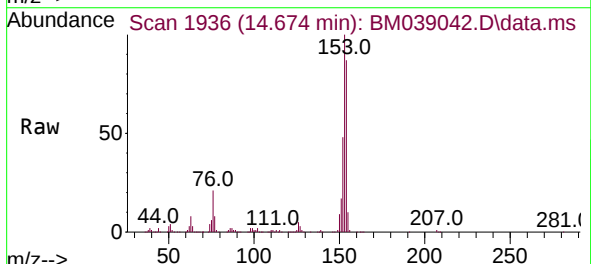
Manual Integrations
APPROVED

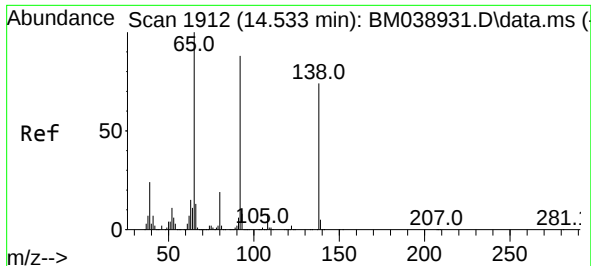
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#52
Acenaphthene
Concen: 6.313 ng
RT: 14.674 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

Tgt Ion:154 Resp: 436361
Ion Ratio Lower Upper
154 100
153 115.4 90.2 135.2
152 55.1 43.4 65.2





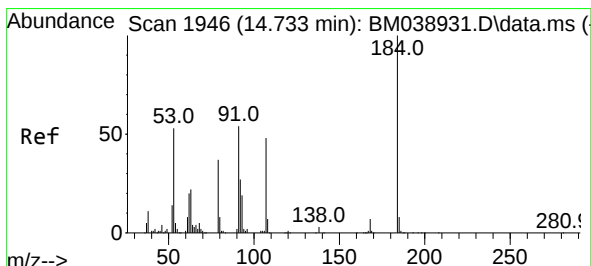
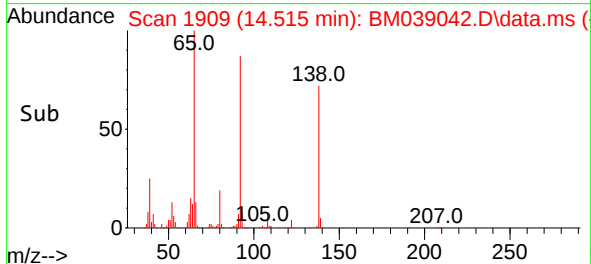
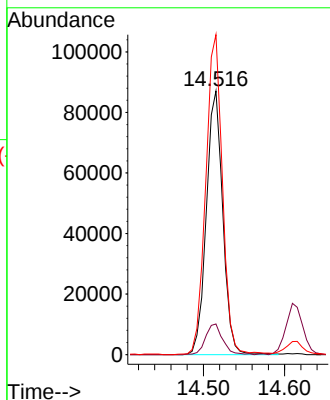
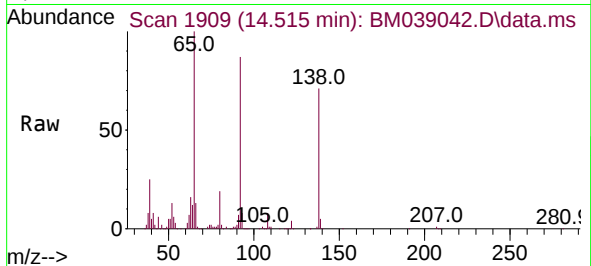
#53
3-Nitroaniline
Concen: 6.991 ng
RT: 14.515 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

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

Tgt Ion:138 Resp: 122850
Ion Ratio Lower Upper
138 100
108 11.6 8.3 12.5
92 121.4 95.8 143.8

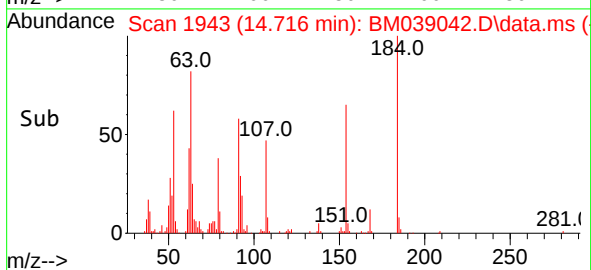
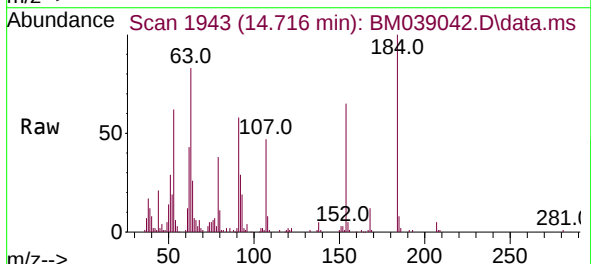
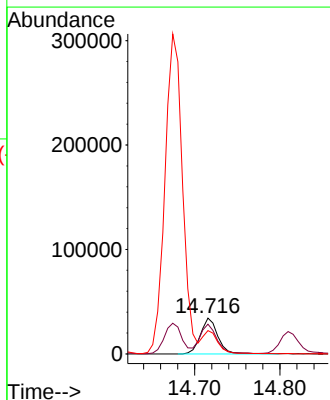
Manual Integrations
APPROVED

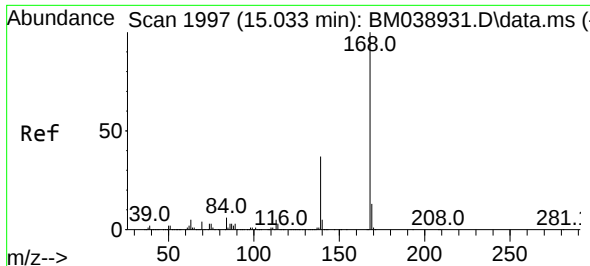
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#54
2,4-Dinitrophenol
Concen: 9.369 ng
RT: 14.716 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

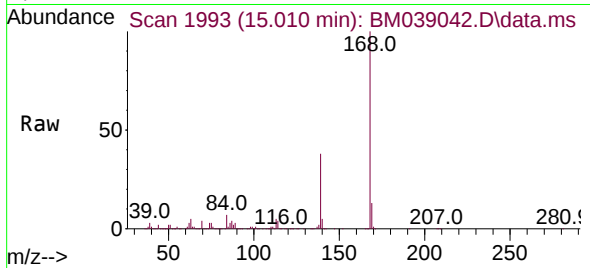
Tgt Ion:184 Resp: 48307
Ion Ratio Lower Upper
184 100
63 82.9 60.6 90.8
154 65.3 51.4 77.2





#55
Dibenzofuran
Concen: 6.529 ng
RT: 15.010 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

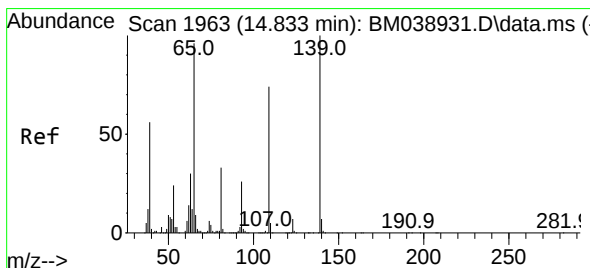
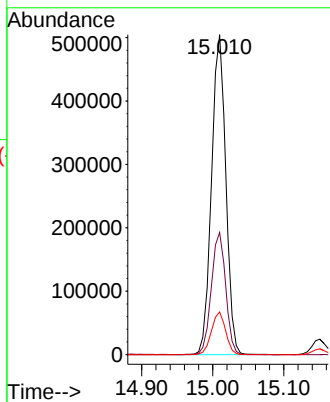
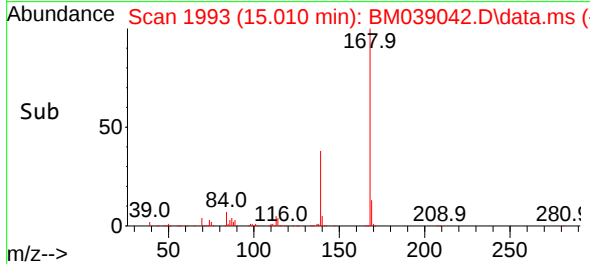
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023



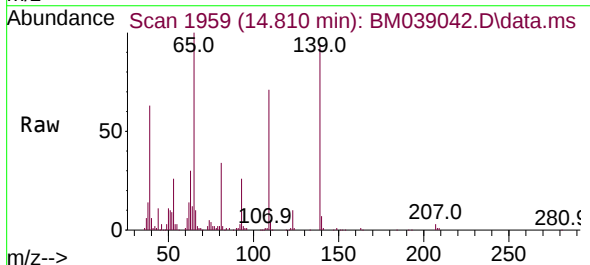
Tgt Ion:168 Resp: 706224
Ion Ratio Lower Upper
168 100
139 38.2 29.9 44.9
169 13.3 10.7 16.1

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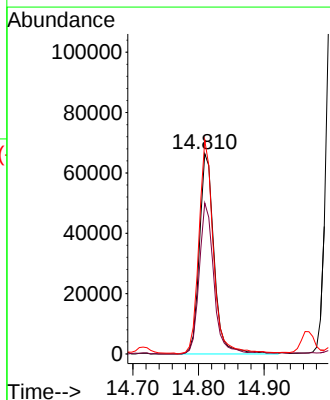
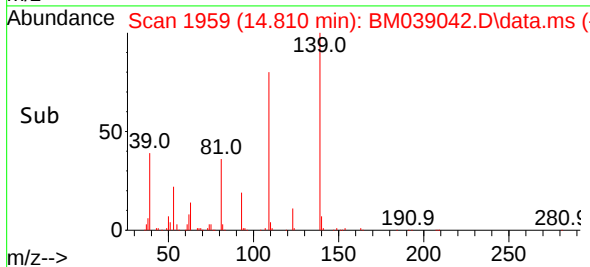
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023

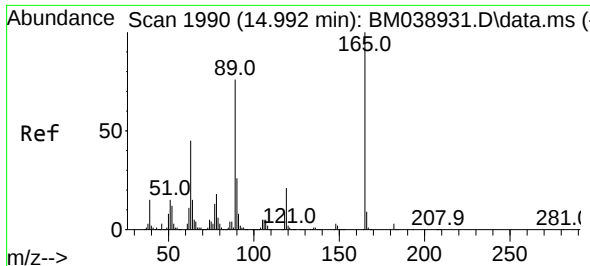


#56
4-Nitrophenol
Concen: 6.064 ng
RT: 14.810 min Scan# 1959
Delta R.T. -0.012 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30



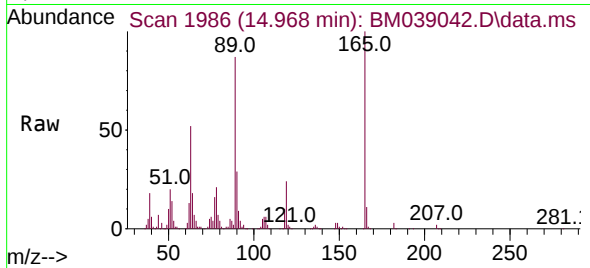
Tgt Ion:139 Resp: 102436
Ion Ratio Lower Upper
139 100
109 75.4 53.5 93.5
65 106.7 76.4 116.4





#57
2,4-Dinitrotoluene
Concen: 7.544 ng
RT: 14.968 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

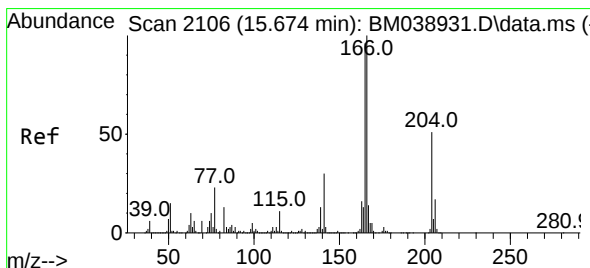
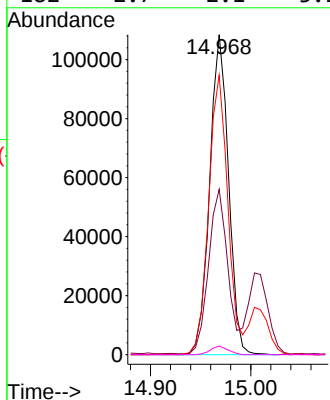
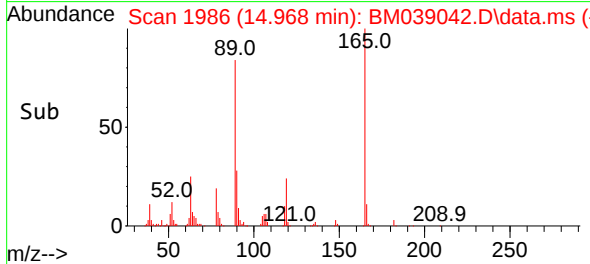
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT1-2023



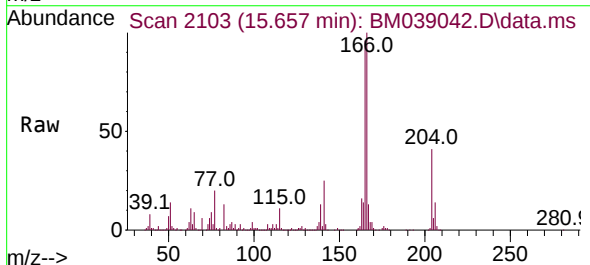
Tgt Ion:165 Resp: 141600
Ion Ratio Lower Upper
165 100
63 51.6 35.9 53.9
89 87.3 61.0 91.6
182 2.7 2.1 3.1

Manual Integrations
APPROVED

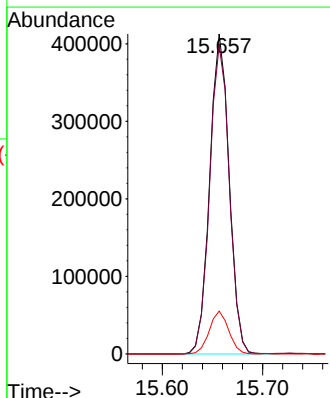
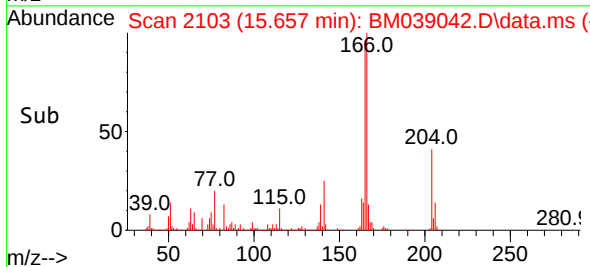
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023

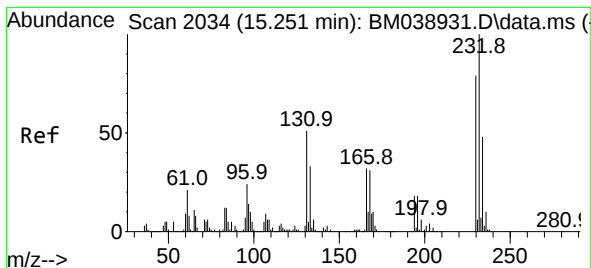


#58
Fluorene
Concen: 6.573 ng
RT: 15.657 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30



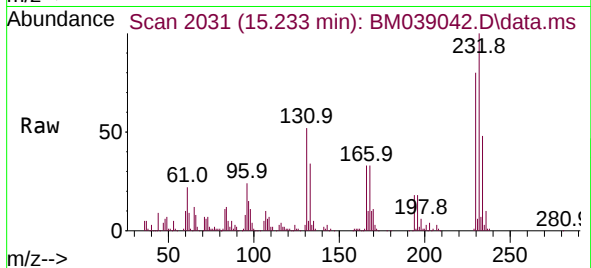
Tgt Ion:166 Resp: 556981
Ion Ratio Lower Upper
166 100
165 96.4 77.1 115.7
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 6.259 ng
RT: 15.233 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

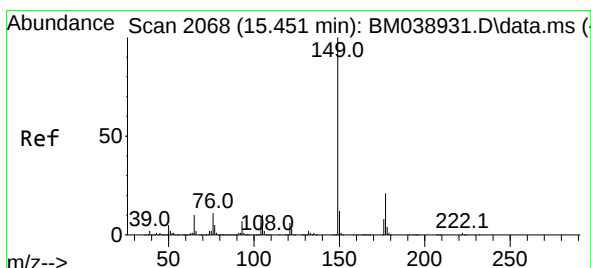
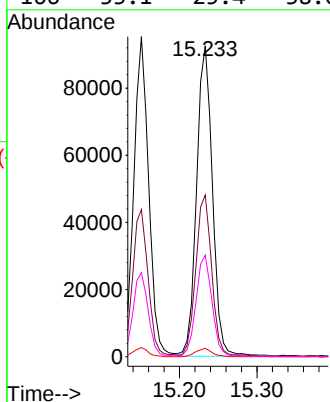
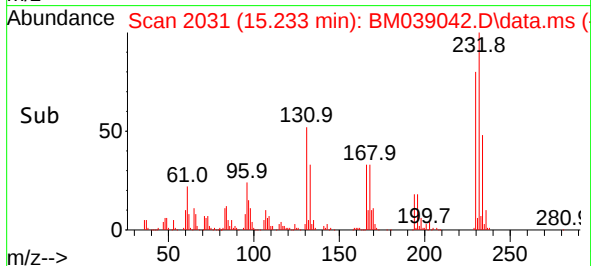
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:232 Resp: 131481
Ion Ratio Lower Upper
232 100
131 52.1 40.0 60.0
130 2.7 2.0 3.0
166 33.1 25.4 38.0

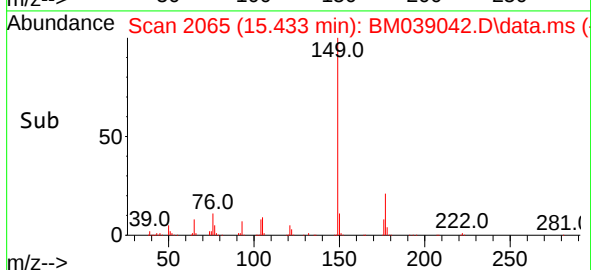
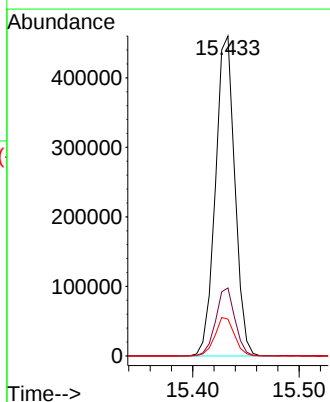
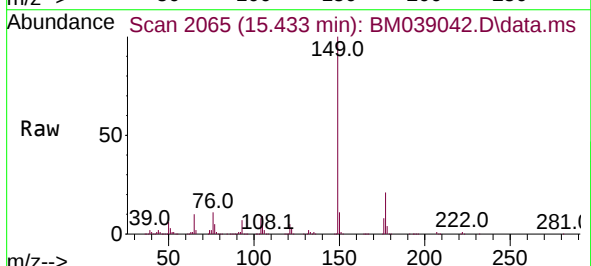
Manual Integrations
APPROVED

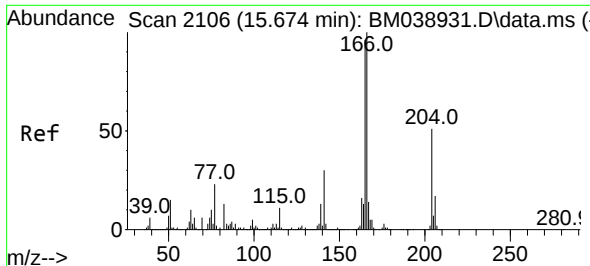
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#60
Diethylphthalate
Concen: 7.046 ng
RT: 15.433 min Scan# 2065
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

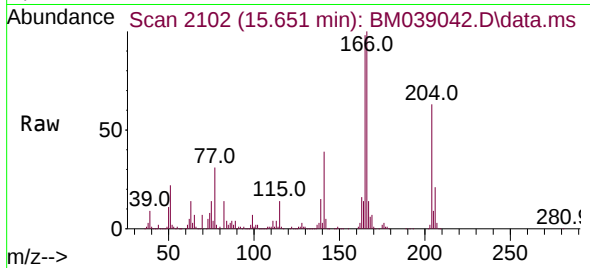
Tgt Ion:149 Resp: 583105
Ion Ratio Lower Upper
149 100
177 21.3 17.1 25.7
150 11.5 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 6.499 ng
RT: 15.651 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

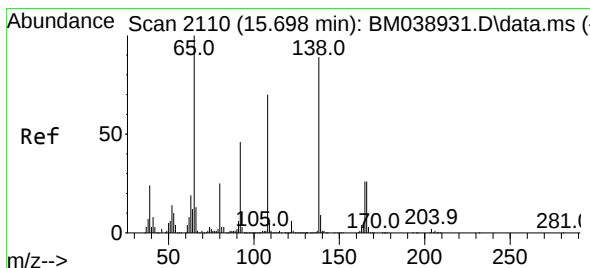
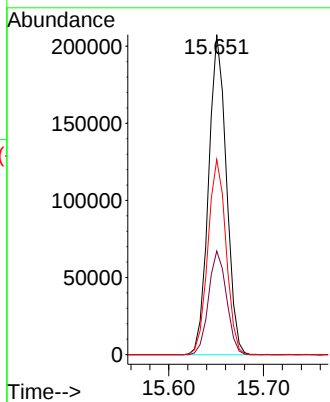
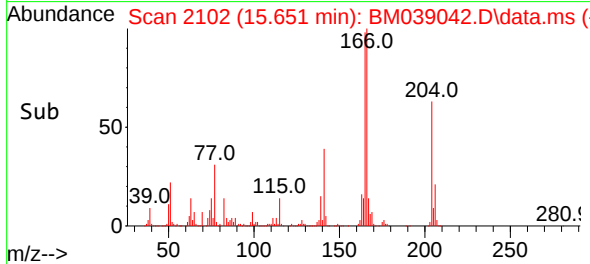
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:204 Resp: 270513
Ion Ratio Lower Upper
204 100
206 32.4 26.4 39.6
141 61.0 46.4 69.6

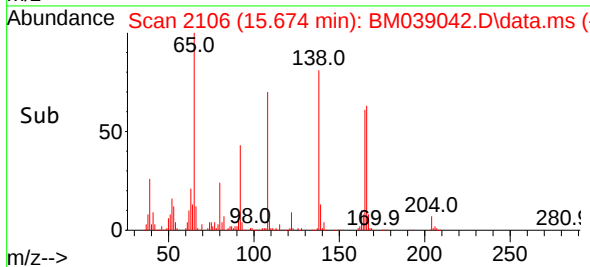
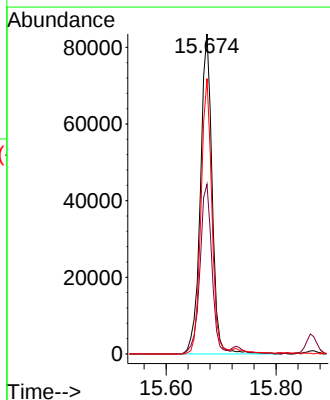
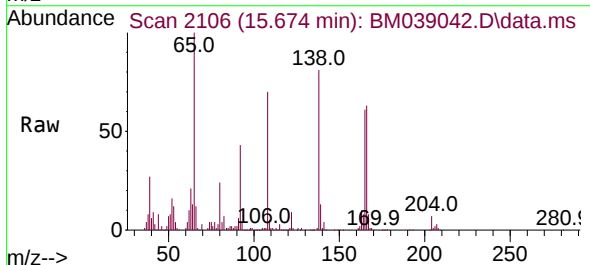
Manual Integrations
APPROVED

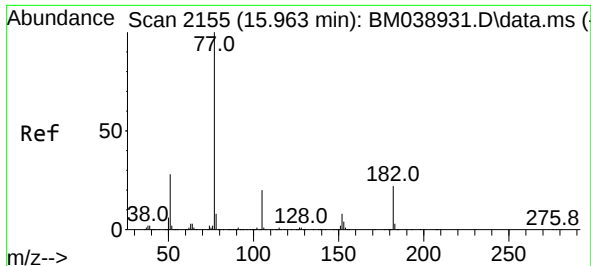
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#62
4-Nitroaniline
Concen: 7.065 ng
RT: 15.674 min Scan# 2106
Delta R.T. -0.012 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

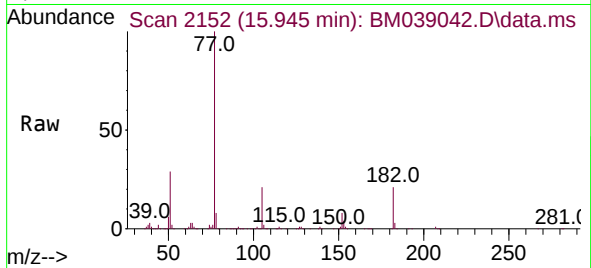
Tgt Ion:138 Resp: 123490
Ion Ratio Lower Upper
138 100
92 53.1 31.6 71.6
108 86.0 58.6 98.6





#63
Azobenzene
Concen: 6.871 ng
RT: 15.945 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

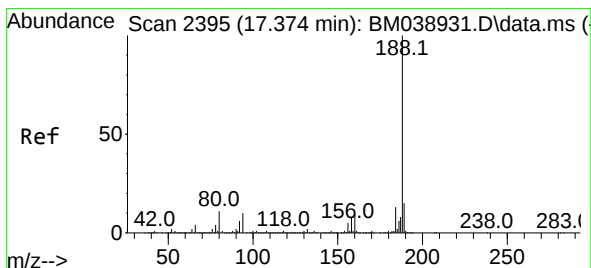
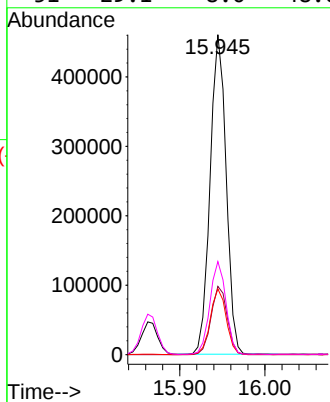
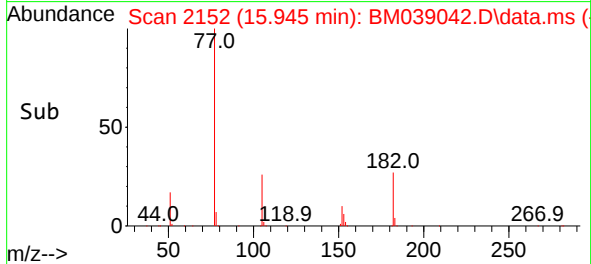
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023



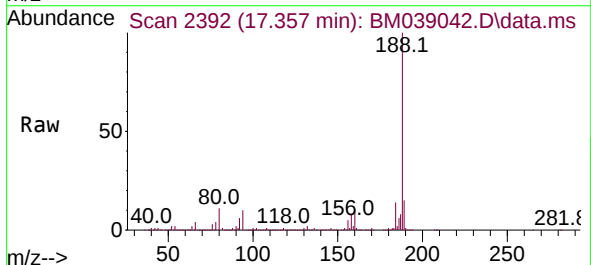
Tgt Ion: 77 Resp: 601655
Ion Ratio Lower Upper
77 100
182 21.3 2.0 42.0
105 20.5 0.4 40.4
51 29.1 8.0 48.0

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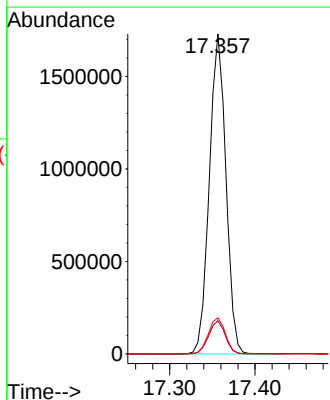
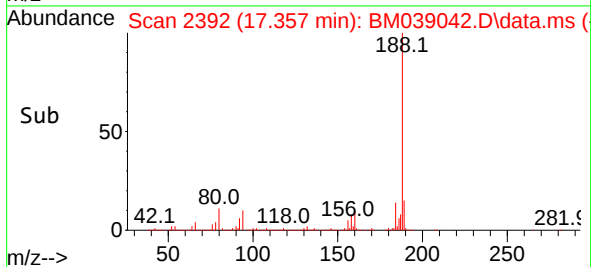
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023

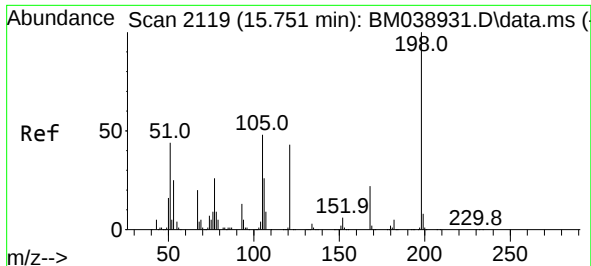


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.357 min Scan# 2392
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30



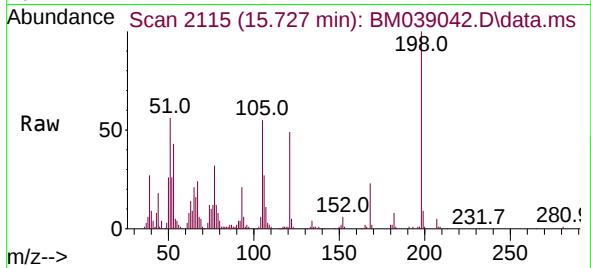
Tgt Ion:188 Resp: 2336441
Ion Ratio Lower Upper
188 100
94 10.3 7.9 11.9
80 11.3 8.5 12.7





#65
4,6-Dinitro-2-methylphenol
Concen: 9.181 ng
RT: 15.727 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

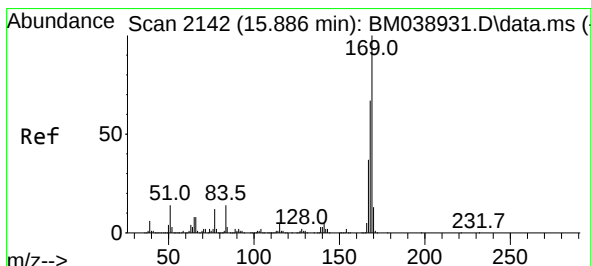
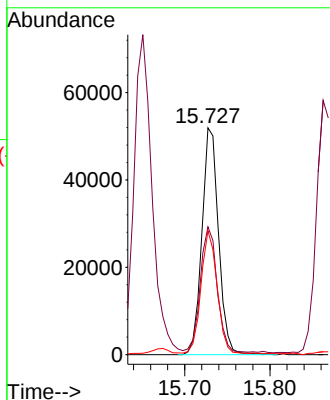
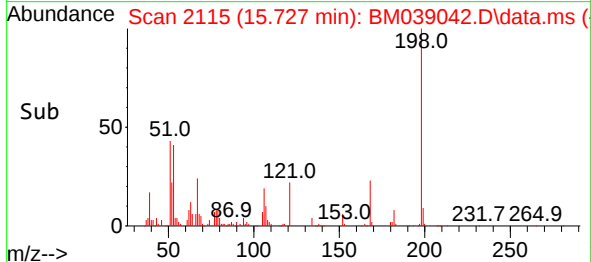
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:198 Resp: 70289
Ion Ratio Lower Upper
198 100
51 56.3 30.1 70.1
105 54.6 29.3 69.3

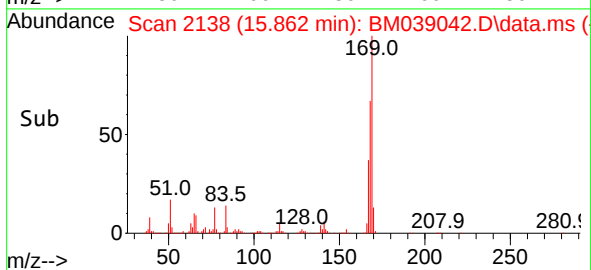
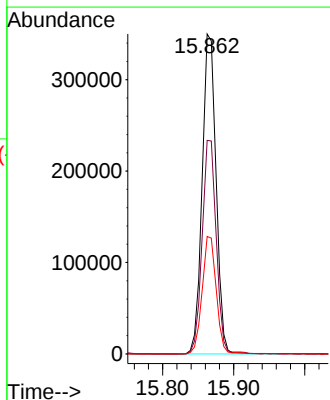
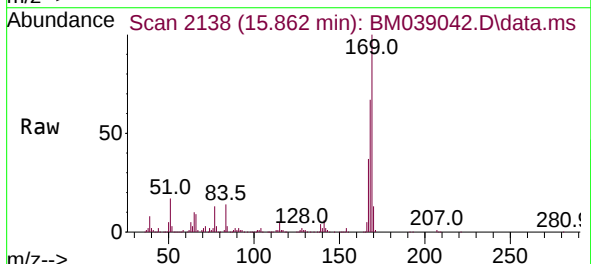
Manual Integrations
APPROVED

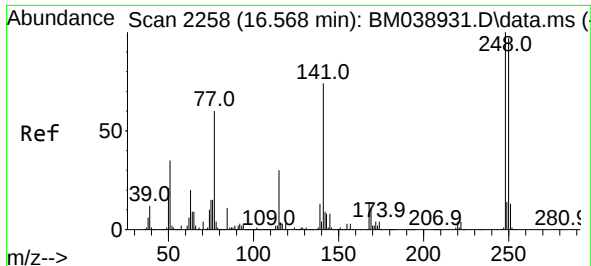
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#66
n-Nitrosodiphenylamine
Concen: 6.020 ng
RT: 15.862 min Scan# 2138
Delta R.T. -0.012 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

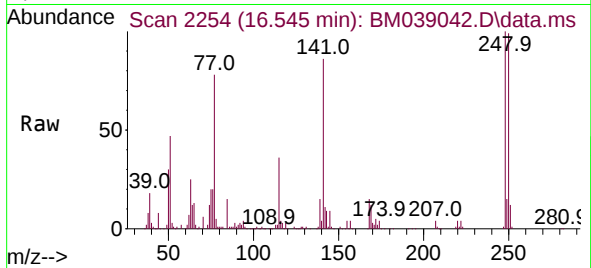
Tgt Ion:169 Resp: 474175
Ion Ratio Lower Upper
169 100
168 66.8 53.4 80.0
167 36.7 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 6.146 ng
RT: 16.545 min Scan# 2254
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

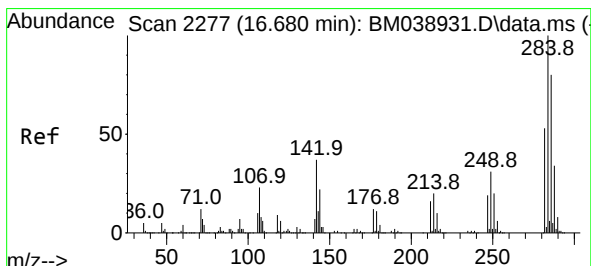
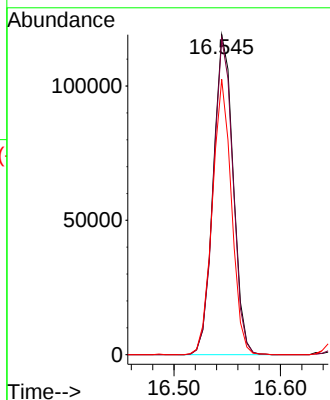
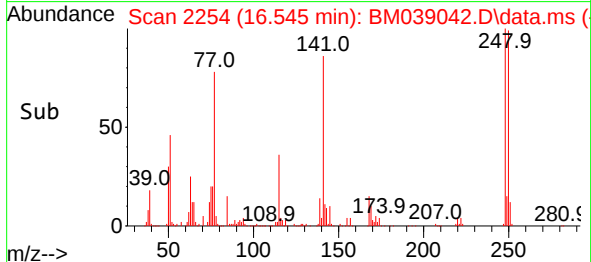
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023



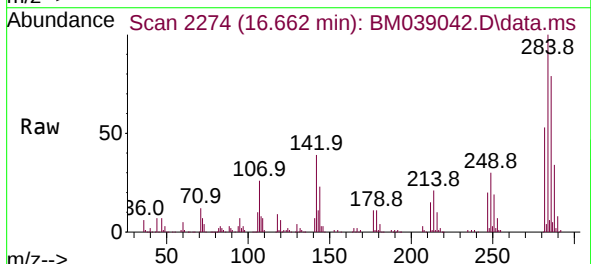
Tgt Ion:248 Resp: 155107
Ion Ratio Lower Upper
248 100
250 98.8 77.8 116.8
141 86.0 59.0 88.4

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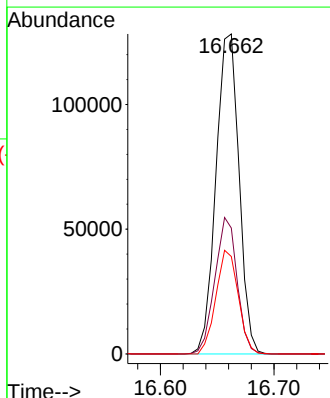
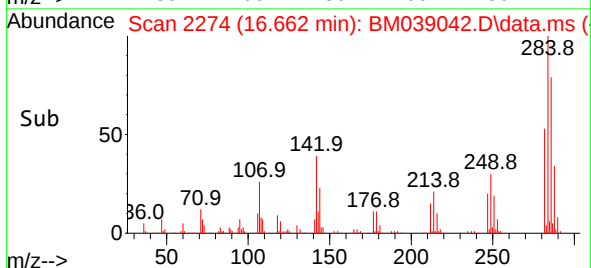
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023

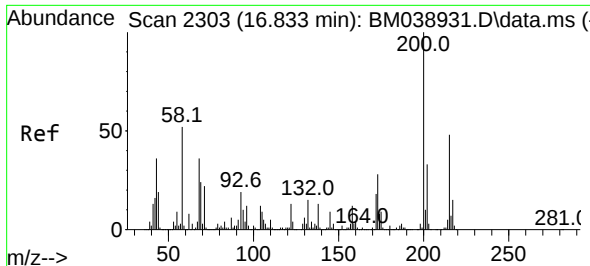


#68
Hexachlorobenzene
Concen: 6.416 ng
RT: 16.662 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30



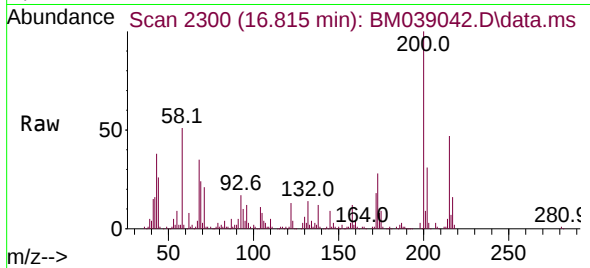
Tgt Ion:284 Resp: 180992
Ion Ratio Lower Upper
284 100
142 39.3 29.5 44.3
249 30.4 25.0 37.4





#69
 Atrazine
 Concen: 7.422 ng
 RT: 16.815 min Scan# 2303
 Delta R.T. -0.006 min
 Lab File: BM039042.D
 Acq: 20 Mar 2023 13:30

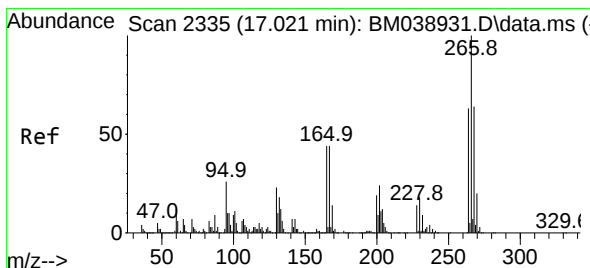
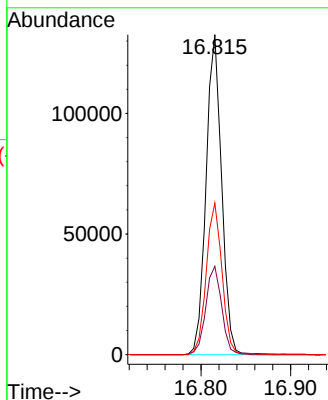
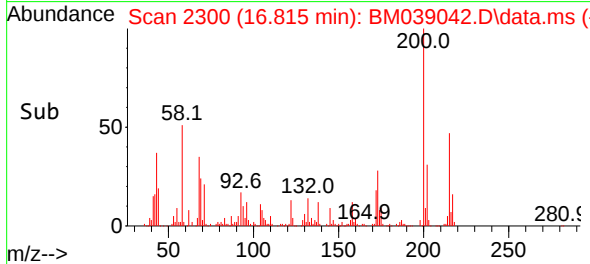
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT1-2023



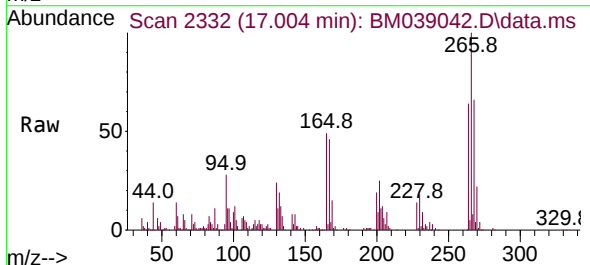
Tgt Ion:200 Resp: 159676
 Ion Ratio Lower Upper
 200 100
 173 27.6 8.2 48.2
 215 47.4 27.8 67.8

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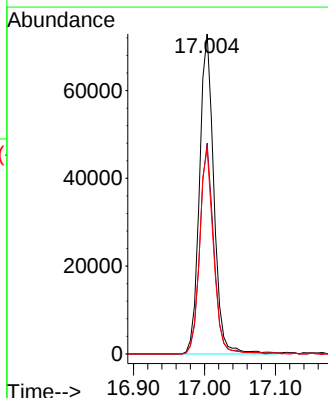
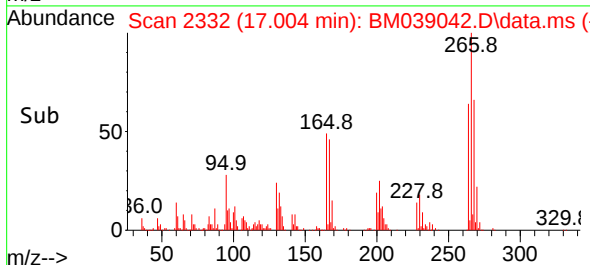
Reviewed By :Christian Giraldo 03/21/2023
 Supervised By :Jagrut Upadhyay 03/21/2023

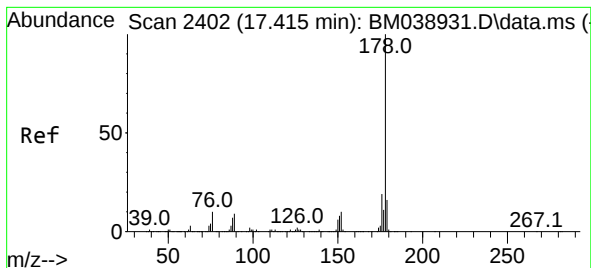


#70
 Pentachlorophenol
 Concen: 4.903 ng
 RT: 17.004 min Scan# 2332
 Delta R.T. -0.006 min
 Lab File: BM039042.D
 Acq: 20 Mar 2023 13:30



Tgt Ion:266 Resp: 101743
 Ion Ratio Lower Upper
 266 100
 268 65.8 51.0 76.4
 264 64.1 50.3 75.5





#71

Phenanthrene

Concen: 6.470 ng

RT: 17.398 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BM039042.D

Acq: 20 Mar 2023 13:30

Instrument :

BNA_M

ClientSampleId :

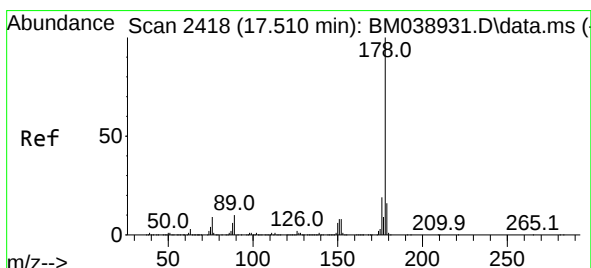
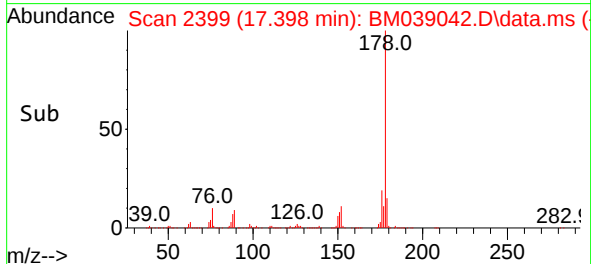
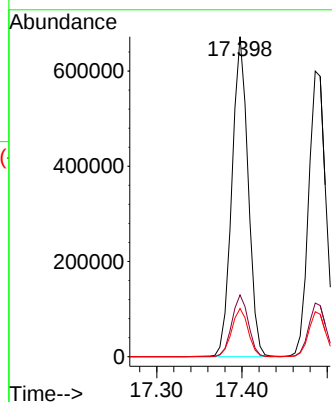
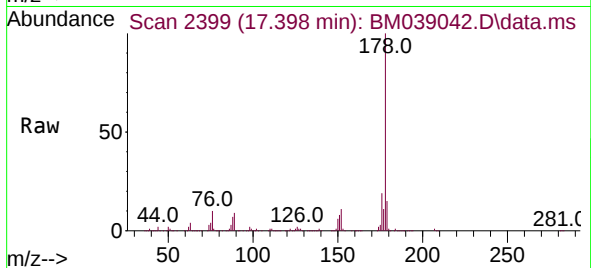
MDL-WATER-03-QT1-2023

Tgt Ion:178 Resp: 887162
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.6 23.4
 179 15.0 12.5 18.7

Manual Integrations

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



#72

Anthracene

Concen: 6.254 ng

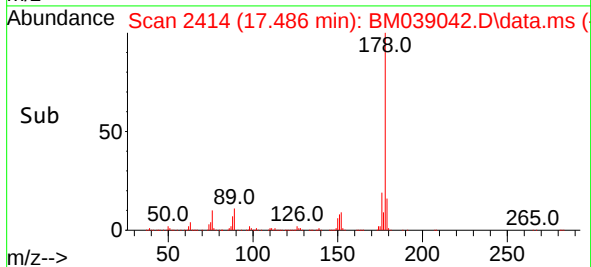
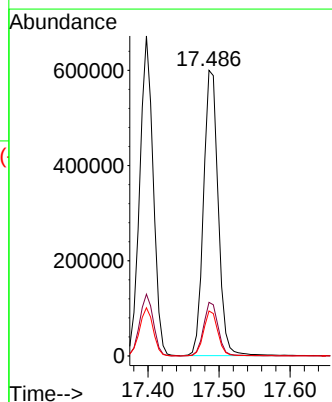
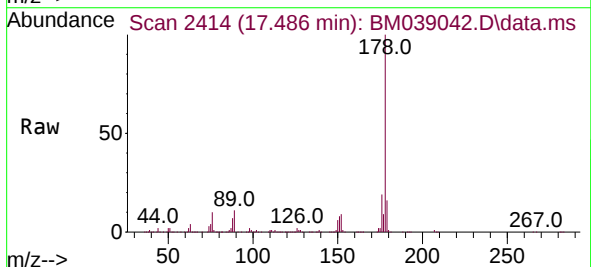
RT: 17.486 min Scan# 2414

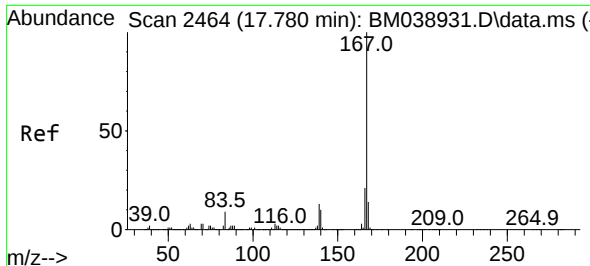
Delta R.T. -0.006 min

Lab File: BM039042.D

Acq: 20 Mar 2023 13:30

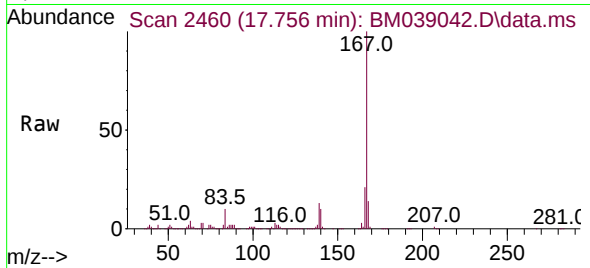
Tgt Ion:178 Resp: 855282
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.3 22.9
 179 15.7 12.5 18.7





#73
 Carbazole
 Concen: 6.616 ng
 RT: 17.756 min Scan# 2460
 Delta R.T. -0.006 min
 Lab File: BM039042.D
 Acq: 20 Mar 2023 13:30

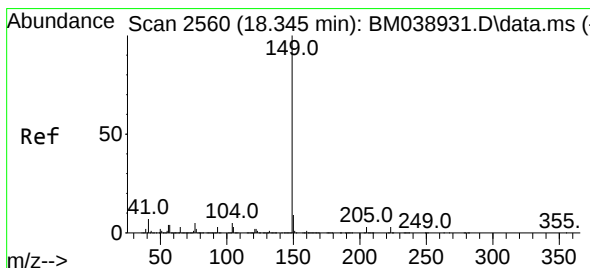
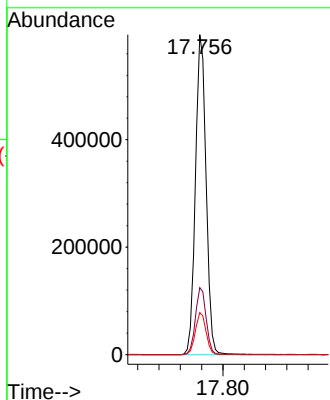
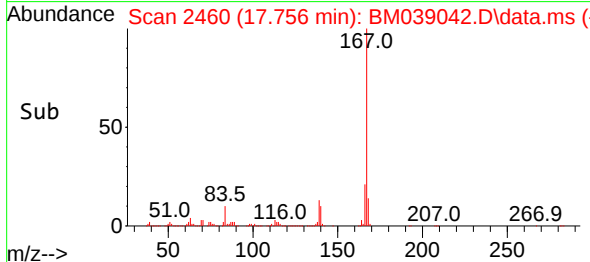
Instrument : BNA_M
 ClientSampleId :
 MDL-WATER-03-QT1-2023



Tgt Ion:167 Resp: 825772
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.0 25.4
 139 13.1 10.3 15.5

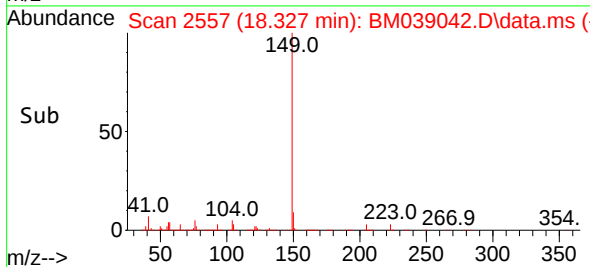
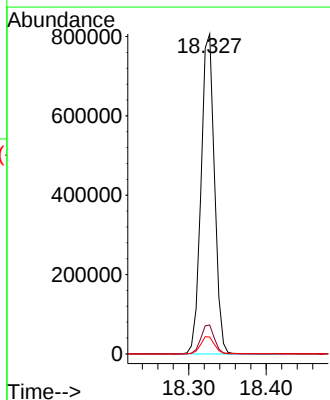
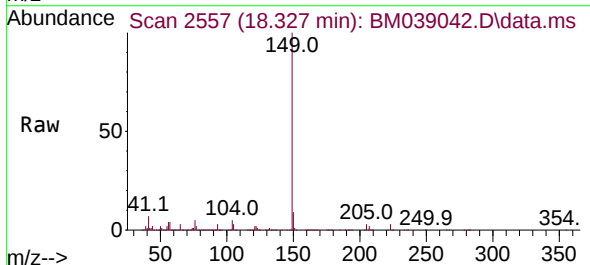
Manual Integrations
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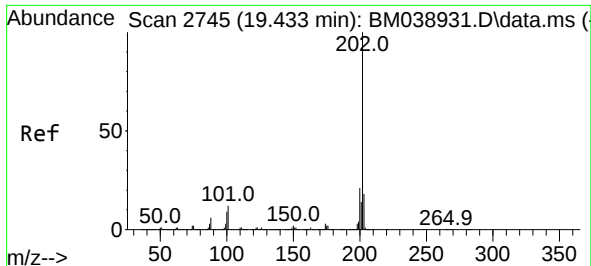
Reviewed By :Christian Giraldo 03/21/2023
 Supervised By :Jagrut Upadhyay 03/21/2023



#74
 Di-n-butylphthalate
 Concen: 7.932 ng
 RT: 18.327 min Scan# 2557
 Delta R.T. 0.000 min
 Lab File: BM039042.D
 Acq: 20 Mar 2023 13:30

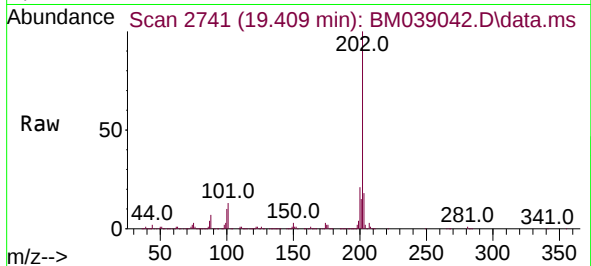
Tgt Ion:149 Resp: 970089
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 5.3 4.3 6.5





#75
Fluoranthene
Concen: 6.565 ng
RT: 19.409 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

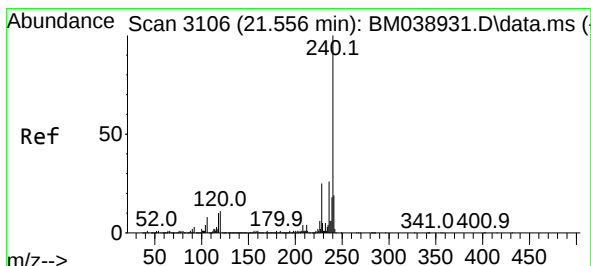
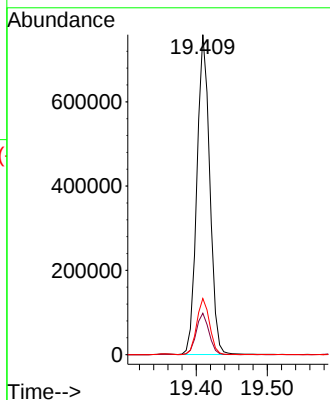
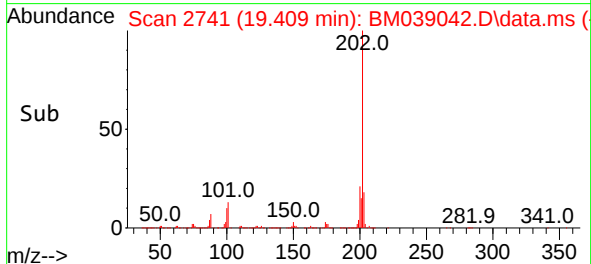
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:202 Resp: 950448
Ion Ratio Lower Upper
202 100
101 12.9 0.0 31.7
203 17.5 0.0 37.6

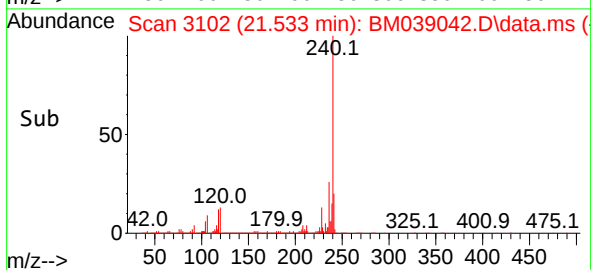
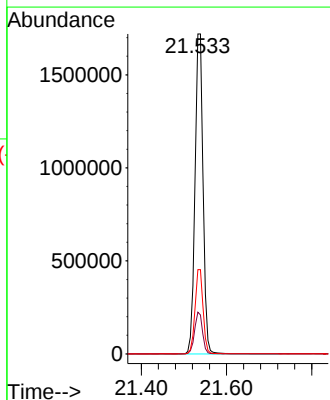
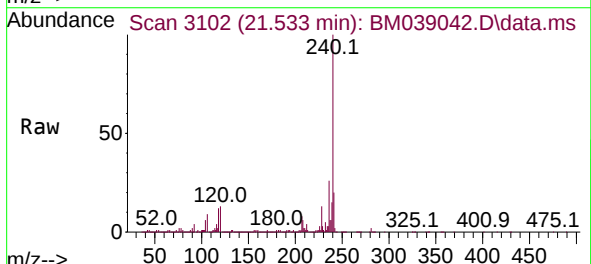
Manual Integrations
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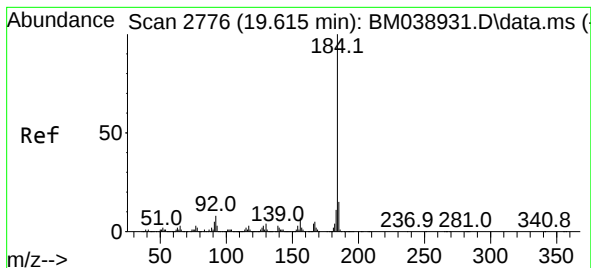
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.533 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

Tgt Ion:240 Resp: 2251440
Ion Ratio Lower Upper
240 100
120 13.0 9.2 13.8
236 26.4 20.8 31.2





#77

Benzidine

Concen: 13.365 ng

RT: 19.598 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039042.D

Acq: 20 Mar 2023 13:30

Instrument :

BNA_M

ClientSampleId :

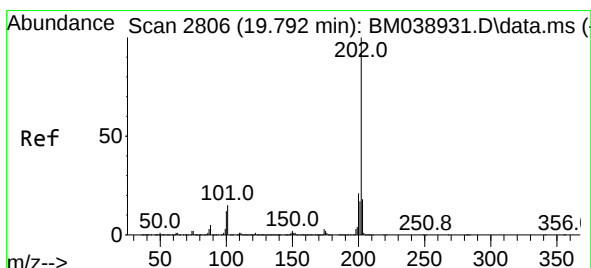
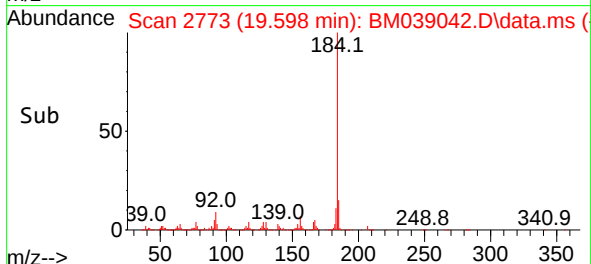
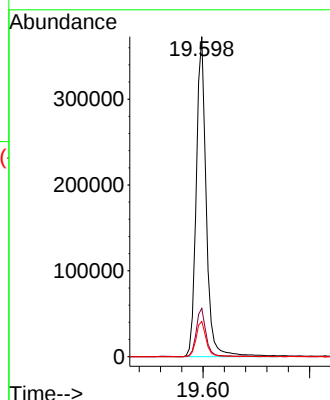
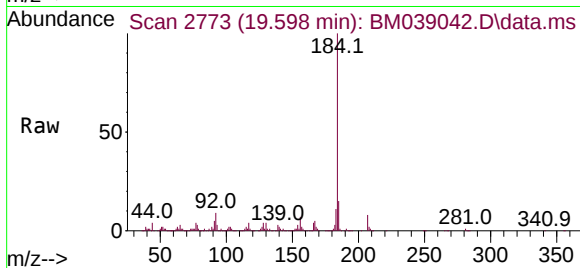
MDL-WATER-03-QT1-2023

Tgt Ion:184 Resp: 484882
 Ion Ratio Lower Upper
 184 100
 185 15.1 12.2 18.4
 183 11.0 8.8 13.2

Manual Integrations

APPROVED

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



#78

Pyrene

Concen: 6.048 ng

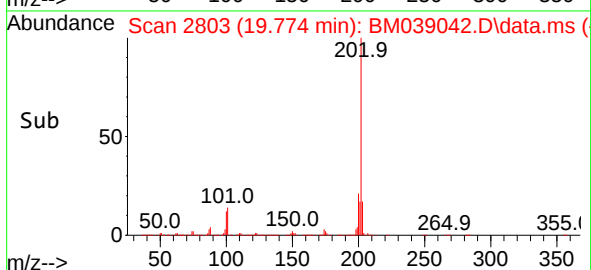
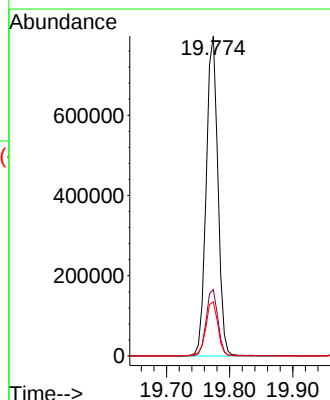
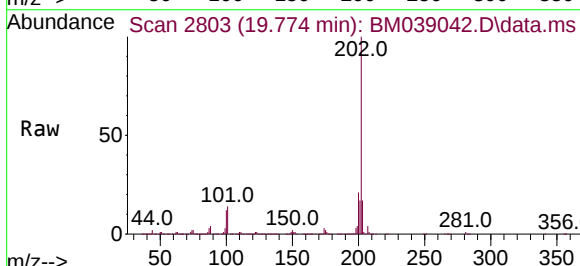
RT: 19.774 min Scan# 2803

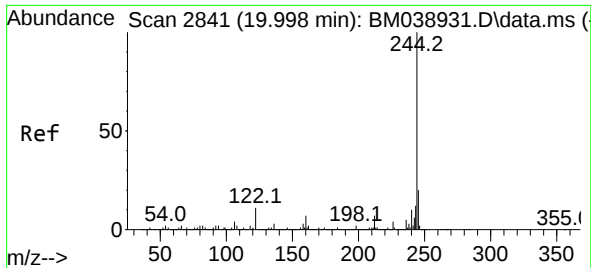
Delta R.T. -0.006 min

Lab File: BM039042.D

Acq: 20 Mar 2023 13:30

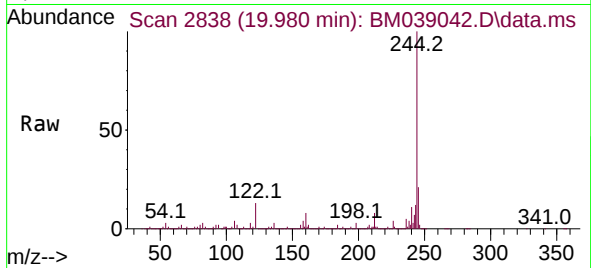
Tgt Ion:202 Resp: 1022775
 Ion Ratio Lower Upper
 202 100
 200 20.7 17.1 25.7
 203 16.9 14.1 21.1





#79
 Terphenyl-d14
 Concen: 76.116 ng
 RT: 19.980 min Scan# 2841
 Delta R.T. 0.000 min
 Lab File: BM039042.D
 Acq: 20 Mar 2023 13:30

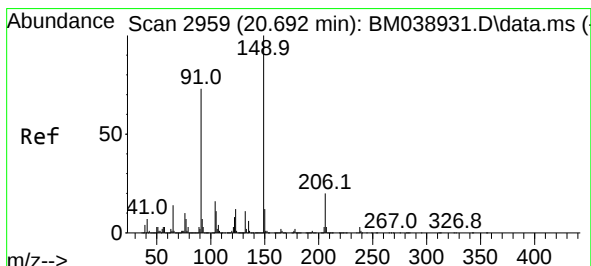
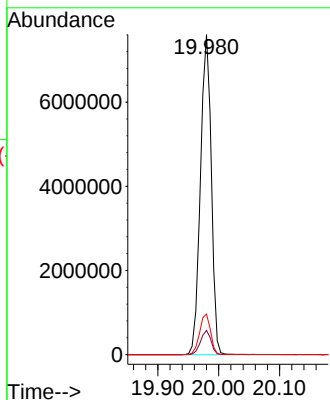
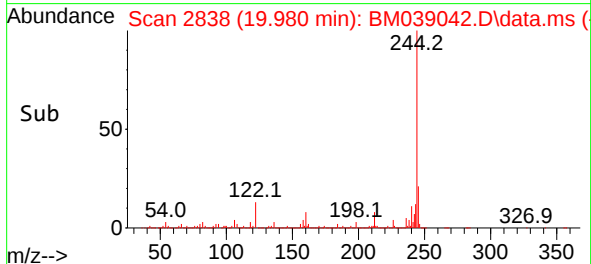
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT1-2023



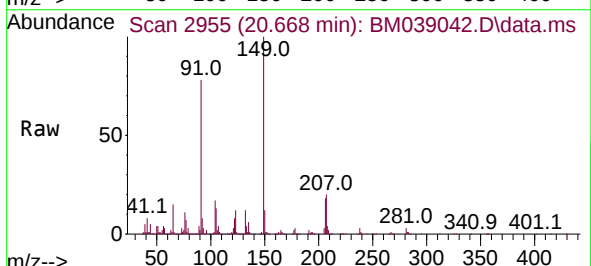
Tgt Ion:244 Resp: 937304
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.5 8.3
 122 12.7 9.0 13.4

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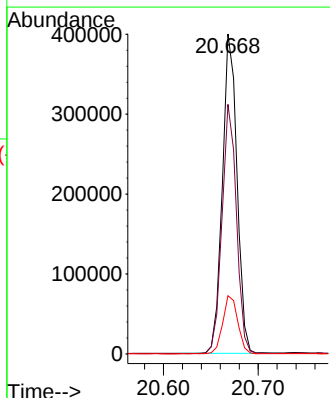
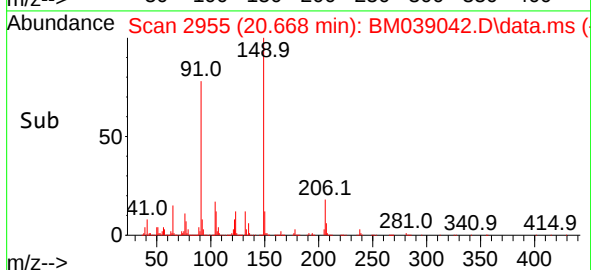
Reviewed By :Christian Giraldo 03/21/2023
 Supervised By :Jagrut Upadhyay 03/21/2023

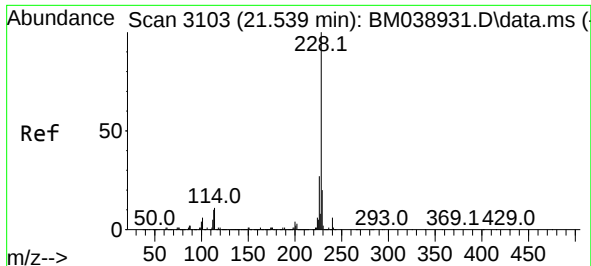


#80
 Butylbenzylphthalate
 Concen: 8.862 ng
 RT: 20.668 min Scan# 2955
 Delta R.T. -0.006 min
 Lab File: BM039042.D
 Acq: 20 Mar 2023 13:30



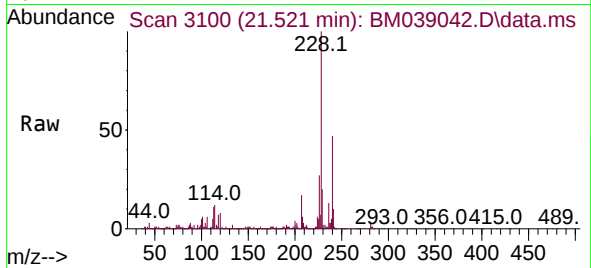
Tgt Ion:149 Resp: 428373
 Ion Ratio Lower Upper
 149 100
 91 78.0 58.4 87.6
 206 18.2 16.1 24.1





#81
Benzo(a)anthracene
Concen: 6.480 ng
RT: 21.521 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

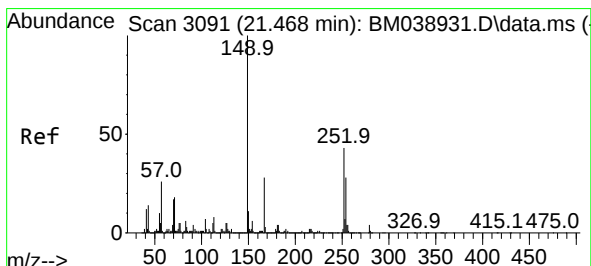
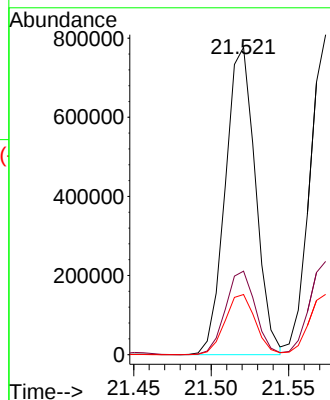
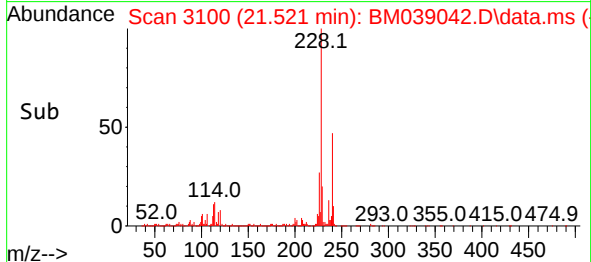
Instrument : BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023



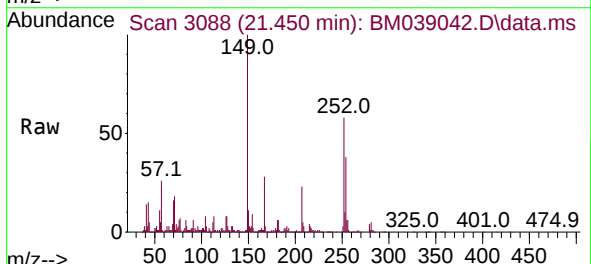
Tgt Ion:228 Resp: 1050663
Ion Ratio Lower Upper
228 100
226 27.1 21.4 32.2
229 19.5 15.7 23.5

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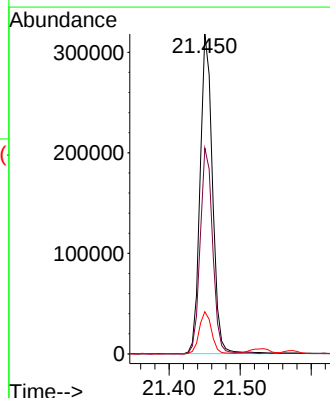
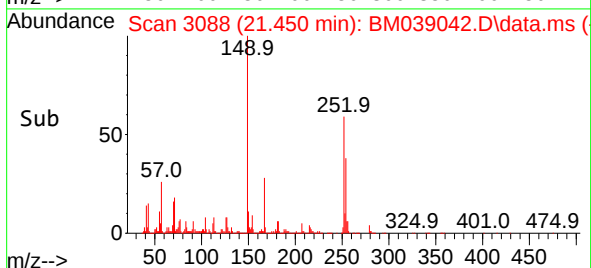
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023

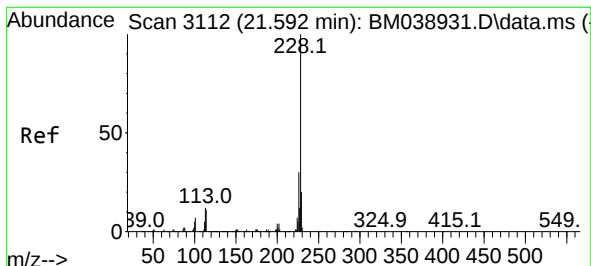


#82
3,3'-Dichlorobenzidine
Concen: 7.673 ng
RT: 21.450 min Scan# 3088
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30



Tgt Ion:252 Resp: 382363
Ion Ratio Lower Upper
252 100
254 64.3 51.5 77.3
126 13.2 9.9 14.9





#83

Chrysene

Concen: 6.411 ng

RT: 21.574 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BM039042.D

Acq: 20 Mar 2023 13:30

Instrument :

BNA_M

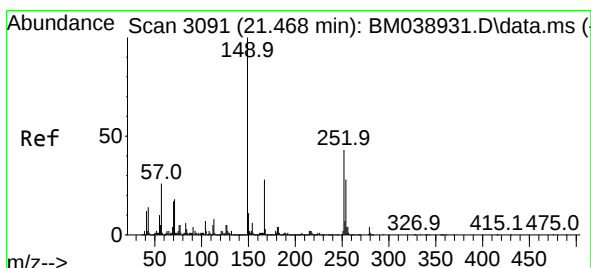
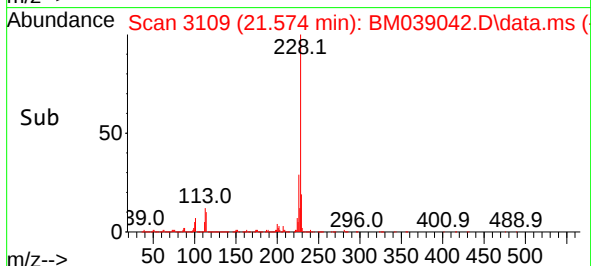
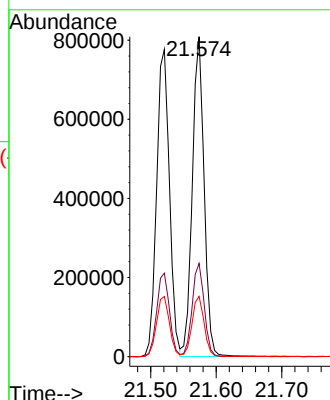
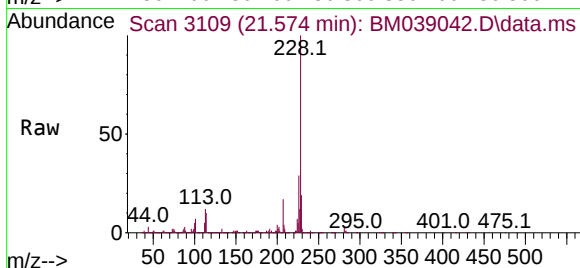
ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion:228 Resp: 1011015
 Ion Ratio Lower Upper
 228 100
 226 29.1 24.0 36.0
 229 18.8 16.0 24.0

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.738 ng

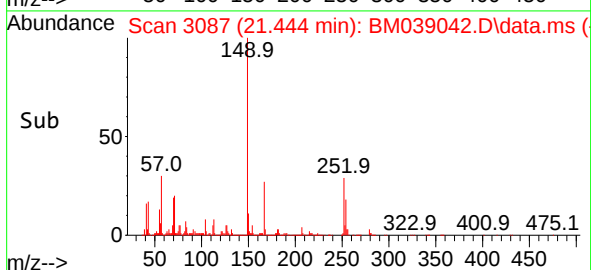
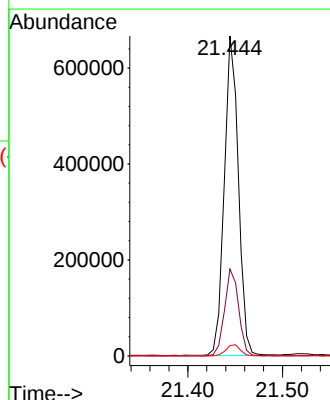
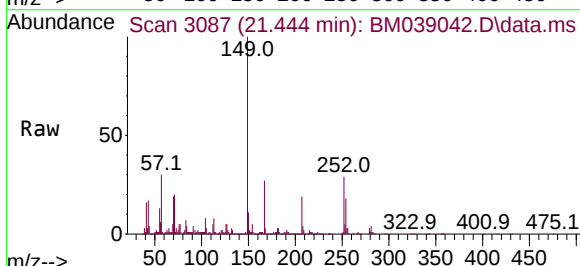
RT: 21.444 min Scan# 3087

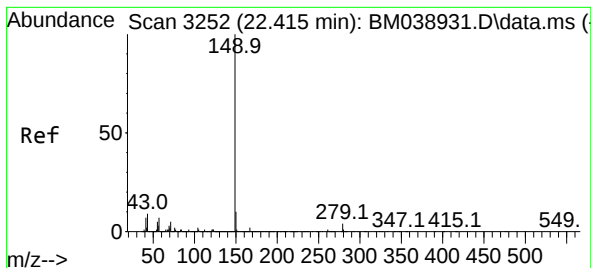
Delta R.T. -0.006 min

Lab File: BM039042.D

Acq: 20 Mar 2023 13:30

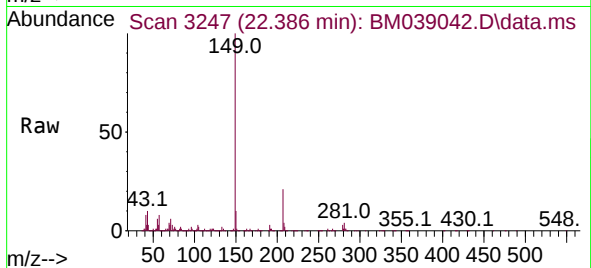
Tgt Ion:149 Resp: 685529
 Ion Ratio Lower Upper
 149 100
 167 27.1 22.3 33.5
 279 3.2 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 9.684 ng
RT: 22.386 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

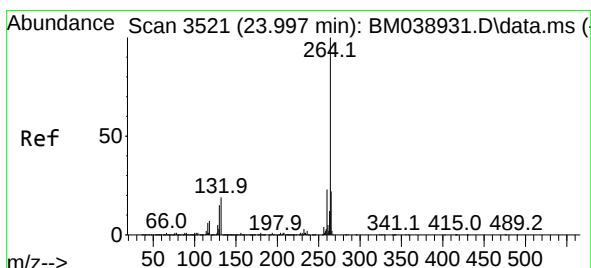
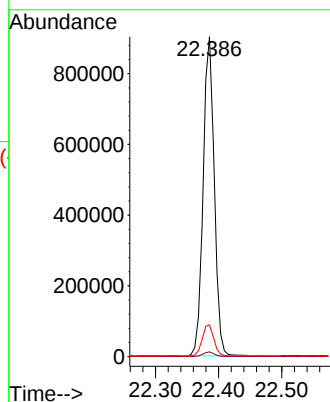
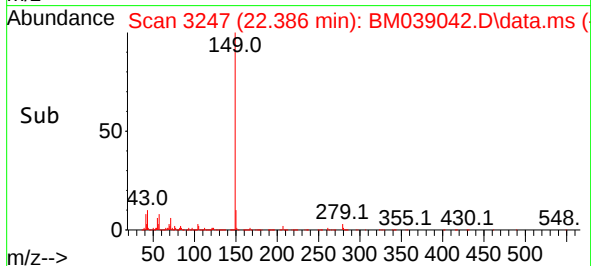
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:149 Resp: 1102901
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.4 7.4 11.2

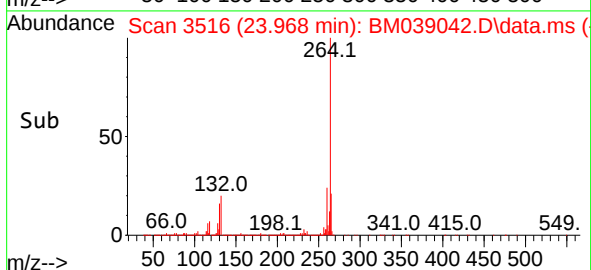
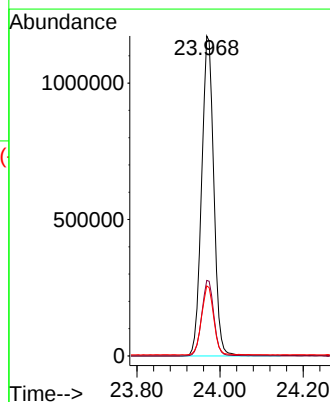
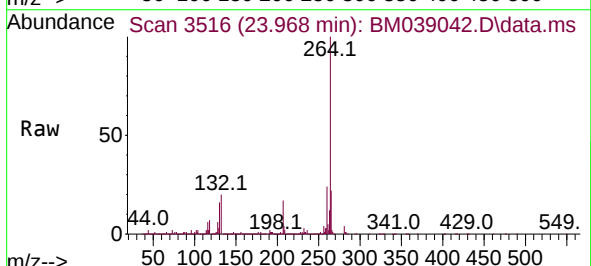
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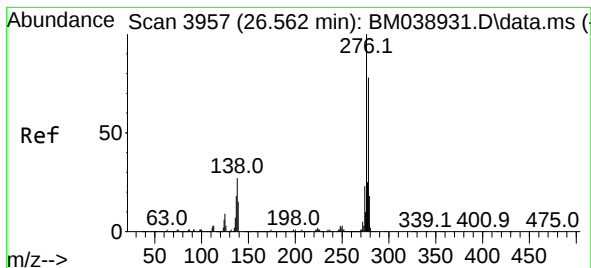
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.968 min Scan# 3516
Delta R.T. -0.012 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

Tgt Ion:264 Resp: 2382521
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 21.9 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 6.054 ng

RT: 26.497 min Scan# 3946

Delta R.T. -0.024 min

Lab File: BM039042.D

Acq: 20 Mar 2023 13:30

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion:276 Resp: 1097600

Ion Ratio Lower Upper

276 100

138 30.0 22.1 33.1

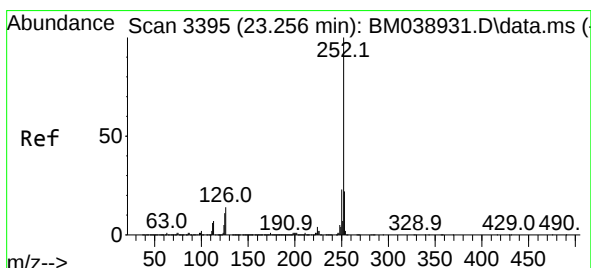
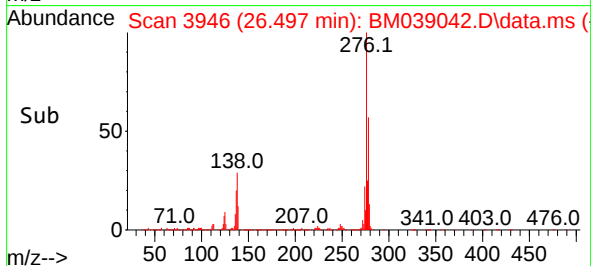
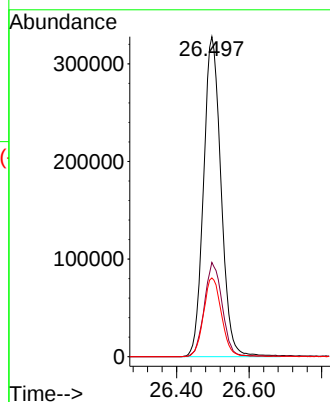
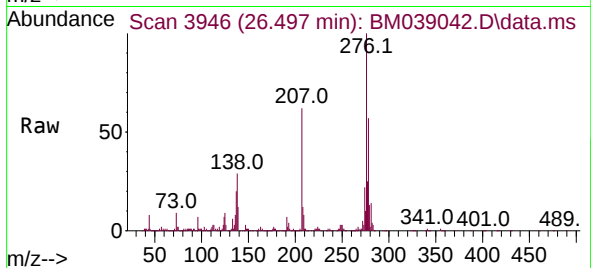
277 25.1 20.1 30.1

Manual Integrations

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Reviewed By :Christian Giraldo 03/21/2023

Supervised By :Jagrut Upadhyay 03/21/2023



#88

Benzo(b)fluoranthene

Concen: 6.767 ng

RT: 23.227 min Scan# 3390

Delta R.T. -0.012 min

Lab File: BM039042.D

Acq: 20 Mar 2023 13:30

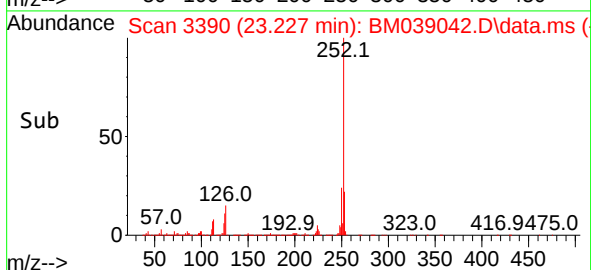
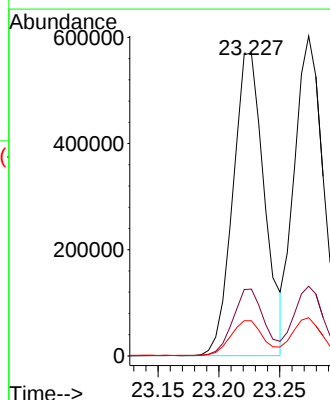
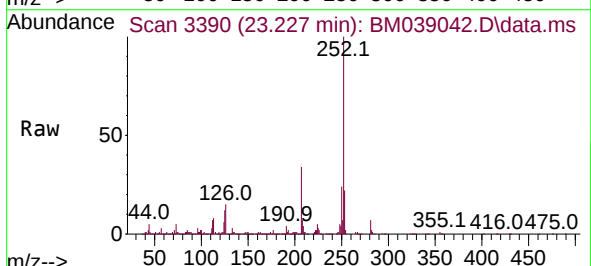
Tgt Ion:252 Resp: 1029995

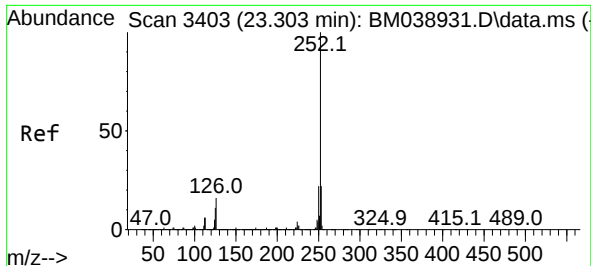
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 11.6 8.8 13.2





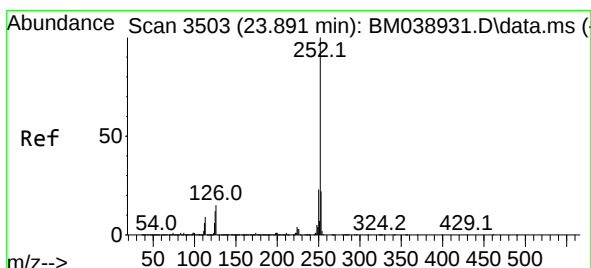
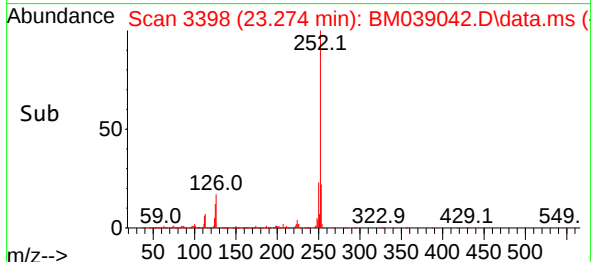
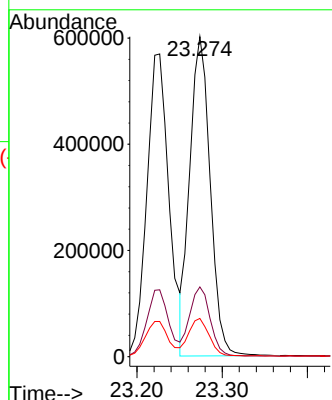
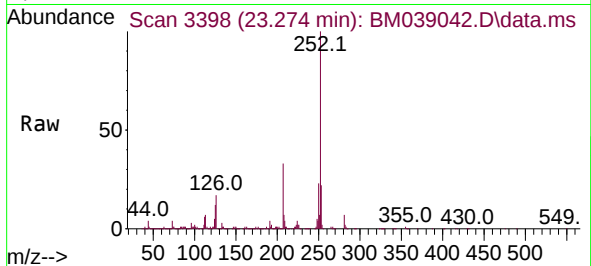
#89
Benzo(k)fluoranthene
Concen: 6.327 ng
RT: 23.274 min Scan# 3403
Delta R.T. -0.012 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

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

Tgt Ion:252 Resp: 1002163
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 11.9 8.9 13.3

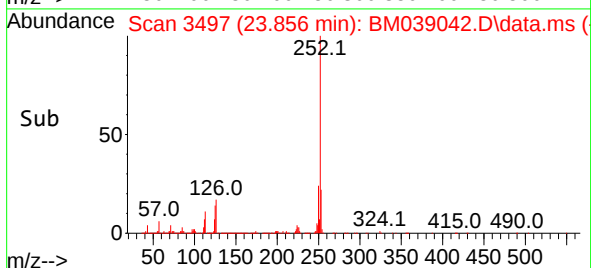
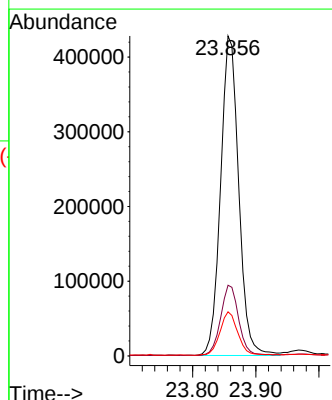
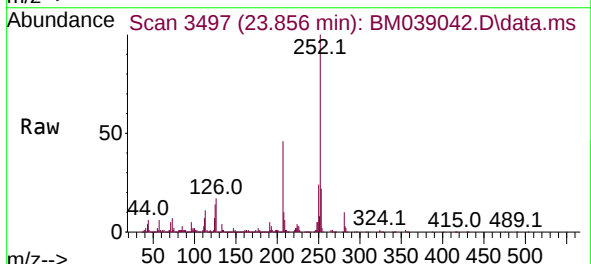
Manual Integrations
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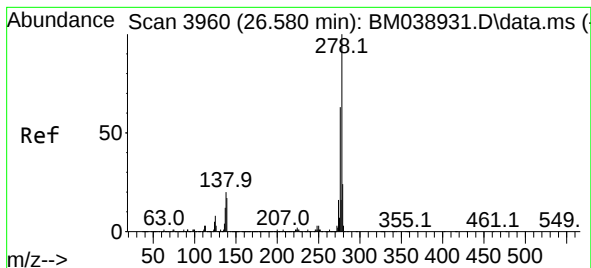
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#90
Benzo(a)pyrene
Concen: 5.817 ng
RT: 23.856 min Scan# 3497
Delta R.T. -0.018 min
Lab File: BM039042.D
Acq: 20 Mar 2023 13:30

Tgt Ion:252 Resp: 852103
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 13.8 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 6.064 ng

RT: 26.515 min Scan# 39

Delta R.T. -0.024 min

Lab File: BM039042.D

Acq: 20 Mar 2023 13:30

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2023

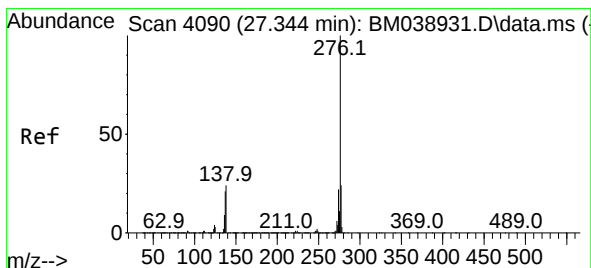
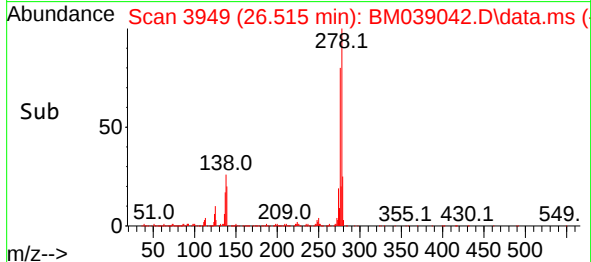
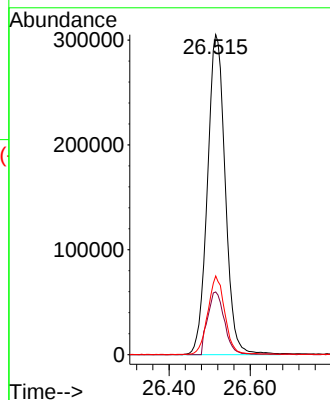
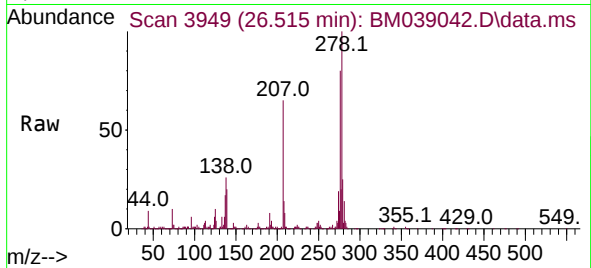
Tgt Ion:	278	Resp:	931091
Ion Ratio	Lower	Upper	
278	100		
139	19.6	13.7	20.5
279	24.6	18.9	28.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/21/2023

Supervised By :Jagrut Upadhyay 03/21/2023



#92

Benzo(g,h,i)perylene

Concen: 5.734 ng

RT: 27.273 min Scan# 4078

Delta R.T. -0.029 min

Lab File: BM039042.D

Acq: 20 Mar 2023 13:30

Tgt Ion:	276	Resp:	861261
Ion Ratio	Lower	Upper	
276	100		
277	24.0	19.3	28.9
138	26.2	19.0	28.6

