

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012423\
 Data File : BM038523.D
 Acq On : 24 Jan 2023 13:18
 Operator : CG/JU
 Sample : N4955-08
 Misc : LOQ-WATER-10ppm
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT4-2022

Quant Time: Jan 25 03:14:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 21 01:21:49 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/25/2023
 Supervised By :Jagrut Upadhyay 01/25/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	73574	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	249674	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	160665	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	375065	20.000	ng	0.00
76) Chrysene-d12	21.515	240	417685	20.000	ng	0.00
86) Perylene-d12	23.927	264	491930	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	432576	97.195	ng	0.00
7) Phenol-d6	7.128	99	553880	97.541	ng	0.00
23) Nitrobenzene-d5	9.134	82	376453	65.475	ng	-0.01
42) 2,4,6-Tribromophenol	16.086	330	254955	110.197	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	869645	66.676	ng	0.00
79) Terphenyl-d14	19.956	244	1397036	65.206	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.369	88	17253	8.265	ng	99
3) Pyridine	3.799	79	41014m	7.481	ng	
4) n-Nitrosodimethylamine	3.699	42	21186	8.140	ng	98
6) Aniline	7.293	93	60723	8.615	ng	97
8) 2-Chlorophenol	7.522	128	41422	9.111	ng	97
9) Benzaldehyde	7.104	77	35789m	10.626	ng	
10) Phenol	7.151	94	53001	9.341	ng	96
11) bis(2-Chloroethyl)ether	7.387	93	39661	8.859	ng	94
12) 1,3-Dichlorobenzene	7.845	146	49572	9.591	ng	97
13) 1,4-Dichlorobenzene	7.998	146	50637	9.696	ng	98
14) 1,2-Dichlorobenzene	8.316	146	48615	9.610	ng	97
15) Benzyl Alcohol	8.210	79	36511	8.600	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.498	45	43329m	9.216	ng	
17) 2-Methylphenol	8.410	107	31570	7.861	ng	97
18) Hexachloroethane	9.039	117	18438	9.496	ng	98
19) n-Nitroso-di-n-propyla...	8.775	70	34313	8.715	ng	98
20) 3+4-Methylphenols	8.739	107	42215	7.843	ng	96
22) Acetophenone	8.798	105	56754	8.251	ng	# 98
24) Nitrobenzene	9.181	77	54973	9.450	ng	98
25) Isophorone	9.698	82	81085	8.546	ng	98
26) 2-Nitrophenol	9.892	139	19283	8.351	ng	97
27) 2,4-Dimethylphenol	9.945	122	21566	5.612	ng	90
28) bis(2-Chloroethoxy)met...	10.186	93	40121	7.228	ng	98
29) 2,4-Dichlorophenol	10.422	162	41396	9.182	ng	98
30) 1,2,4-Trichlorobenzene	10.633	180	48510	9.408	ng	99
31) Naphthalene	10.822	128	122115	9.003	ng	98
32) Benzoic acid	10.045	122	25333	13.027	ng	96
33) 4-Chloroaniline	10.945	127	48502	8.567	ng	96
34) Hexachlorobutadiene	11.098	225	33667	9.927	ng	97
35) Caprolactam	11.722	113	11452	10.477	ng	97
36) 4-Chloro-3-methylphenol	12.057	107	36080	8.800	ng	90
37) 2-Methylnaphthalene	12.427	142	82718	8.486	ng	97
38) 1-Methylnaphthalene	12.651	142	79705	8.670	ng	99
40) 1,2,4,5-Tetrachloroben...	12.792	216	50783	8.403	ng	99
41) Hexachlorocyclopentadiene	12.769	237	31766	9.563	ng	96
43) 2,4,6-Trichlorophenol	13.039	196	33849	8.749	ng	96

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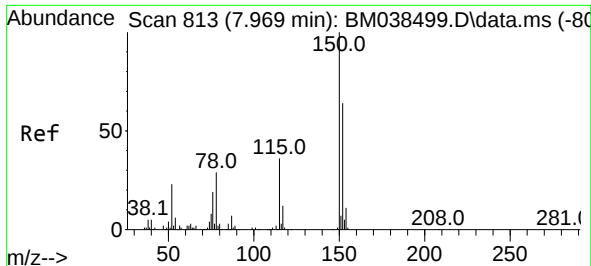
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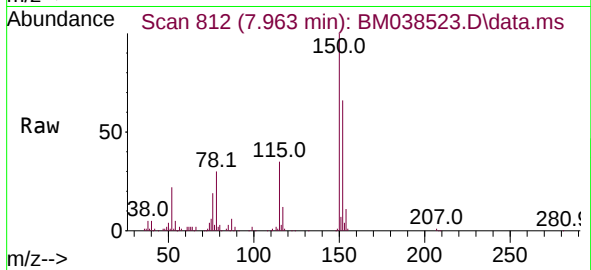
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	38153	8.420	ng	99
46) 1,1'-Biphenyl	13.433	154	105487	8.198	ng	99
47) 2-Chloronaphthalene	13.480	162	92440	9.203	ng	98
48) 2-Nitroaniline	13.692	65	23031	7.808	ng	97
49) Acenaphthylene	14.321	152	135598	8.629	ng	100
50) Dimethylphthalate	14.057	163	107864	8.721	ng	99
51) 2,6-Dinitrotoluene	14.186	165	21765	8.362	ng	97
52) Acenaphthene	14.663	154	84001	8.765	ng	96
53) 3-Nitroaniline	14.516	138	19578	7.569	ng	91
54) 2,4-Dinitrophenol	14.727	184	13035	10.875	ng	95
55) Dibenzofuran	14.998	168	143219	8.938	ng	97
56) 4-Nitrophenol	14.821	139	17768	8.342	ng	94
57) 2,4-Dinitrotoluene	14.968	165	28708	8.137	ng	90
58) Fluorene	15.645	166	112986	8.696	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.221	232	33584	9.067	ng	96
60) Diethylphthalate	15.410	149	104342	8.615	ng	99
61) 4-Chlorophenyl-phenyle...	15.633	204	60795	8.912	ng	99
62) 4-Nitroaniline	15.674	138	20665m	9.841	ng	
63) Azobenzene	15.927	77	108417	8.449	ng	98
65) 4,6-Dinitro-2-methylph...	15.733	198	24307	9.984	ng	93
66) n-Nitrosodiphenylamine	15.851	169	95281	8.462	ng	98
67) 4-Bromophenyl-phenylether	16.527	248	37018	8.898	ng	98
68) Hexachlorobenzene	16.645	284	43917	9.783	ng	96
69) Atrazine	16.798	200	31265	8.323	ng	94
70) Pentachlorophenol	16.992	266	34655	10.842	ng	99
71) Phenanthrene	17.380	178	184196	8.794	ng	98
72) Anthracene	17.474	178	181532	8.517	ng	99
73) Carbazole	17.751	167	163893	8.732	ng	98
74) Di-n-butylphthalate	18.298	149	165336	8.018	ng	99
75) Fluoranthene	19.392	202	223732	8.888	ng	98
77) Benzidine	19.586	184	73360	7.707	ng	99
78) Pyrene	19.756	202	242147	8.326	ng	98
80) Butylbenzylphthalate	20.645	149	73144	7.273	ng	99
81) Benzo(a)anthracene	21.497	228	260135	8.789	ng	99
82) 3,3'-Dichlorobenzidine	21.433	252	83479	8.781	ng	99
83) Chrysene	21.550	228	255549	8.829	ng	99
84) Bis(2-ethylhexyl)phtha...	21.409	149	106506	7.307	ng	# 97
85) Di-n-octyl phthalate	22.339	149	190667	7.357	ng	99
87) Indeno(1,2,3-cd)pyrene	26.438	276	320811	8.813	ng	99
88) Benzo(b)fluoranthene	23.186	252	292687	9.863	ng	98
89) Benzo(k)fluoranthene	23.239	252	277285	9.030	ng	# 98
90) Benzo(a)pyrene	23.821	252	253448	8.615	ng	98
91) Dibenzo(a,h)anthracene	26.450	278	281095	9.277	ng	99
92) Benzo(g,h,i)perylene	27.215	276	285050	9.184	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

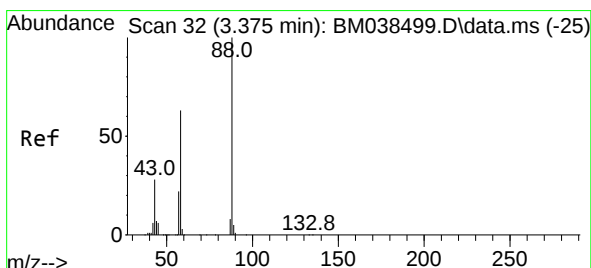
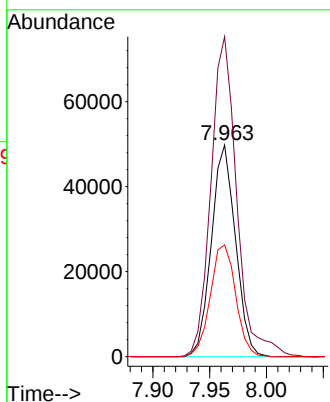
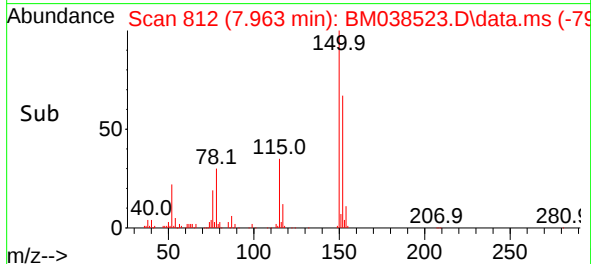
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:152 Resp: 73574
Ion Ratio Lower Upper
152 100
150 151.2 124.2 186.4
115 52.8 44.8 67.2

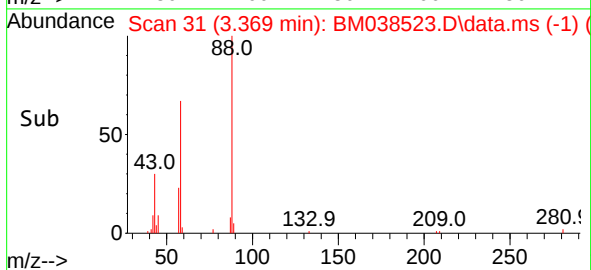
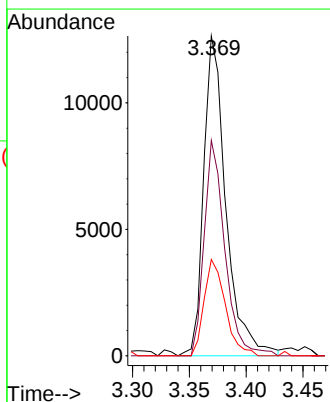
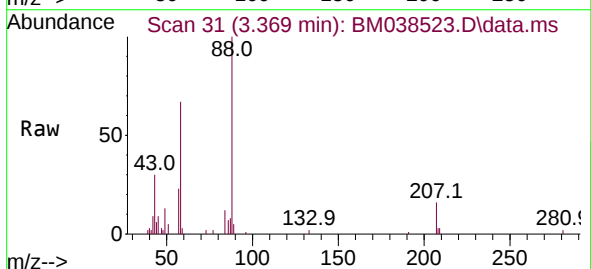
Manual Integrations
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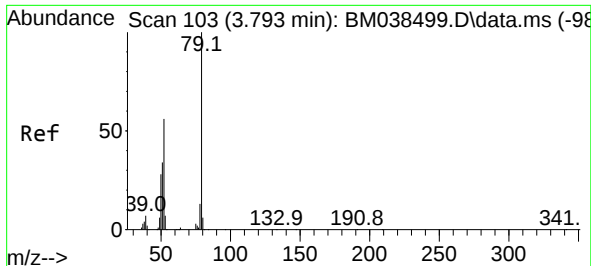
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#2
1,4-Dioxane
Concen: 8.265 ng
RT: 3.369 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

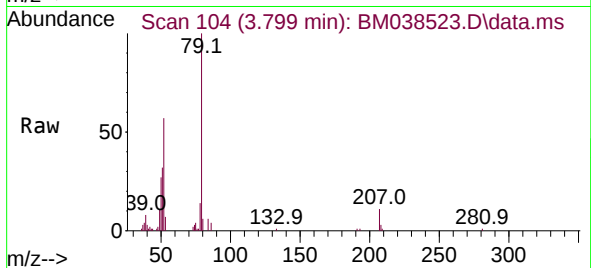
Tgt Ion: 88 Resp: 17253
Ion Ratio Lower Upper
88 100
58 62.7 50.5 75.7
43 28.8 23.9 35.9





#3
Pyridine
Concen: 7.481 ng m
RT: 3.799 min Scan# 103
Delta R.T. 0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

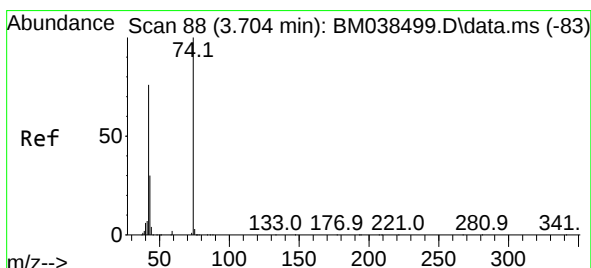
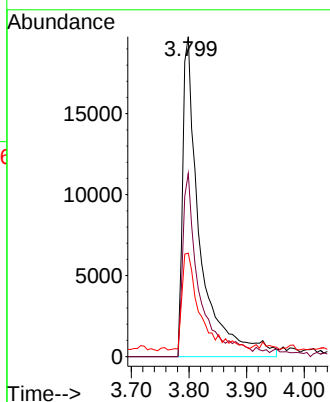
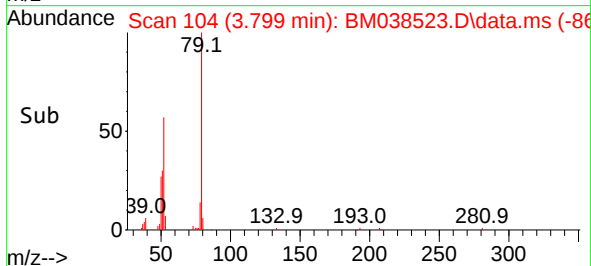
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 79 Resp: 41014
Ion Ratio Lower Upper
79 100
52 57.3 45.0 67.4
51 32.3 27.1 40.7

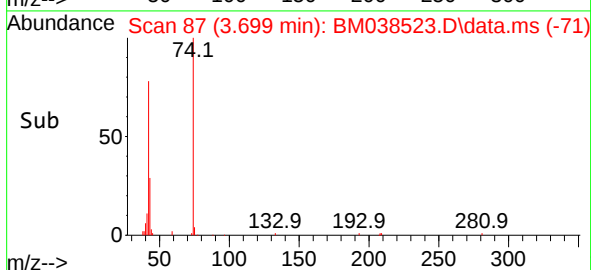
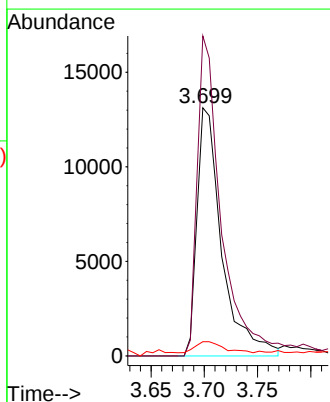
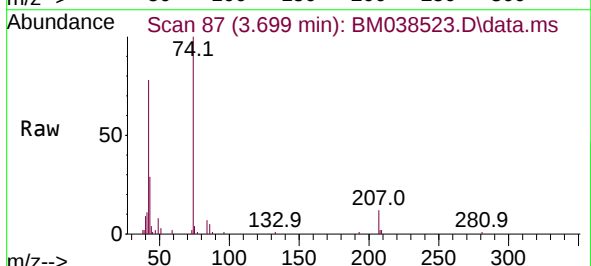
Manual Integrations
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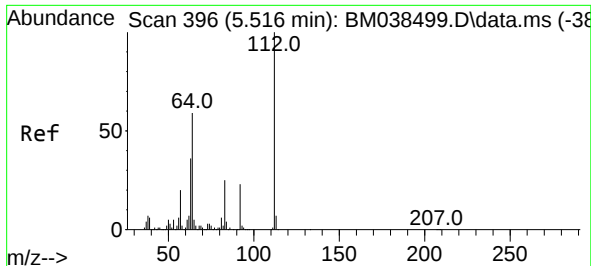
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#4
n-Nitrosodimethylamine
Concen: 8.140 ng
RT: 3.699 min Scan# 87
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

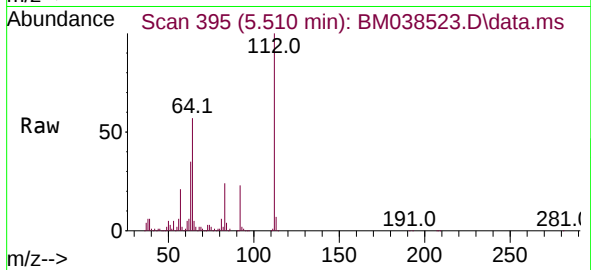
Tgt Ion: 42 Resp: 21186
Ion Ratio Lower Upper
42 100
74 129.0 105.0 157.4
44 5.7 4.1 6.1





#5
2-Fluorophenol
Concen: 97.195 ng
RT: 5.510 min Scan# 396
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

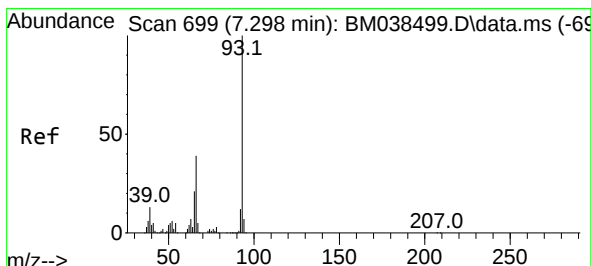
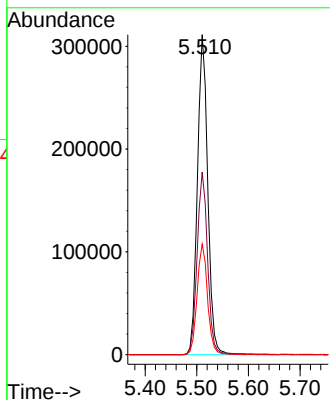
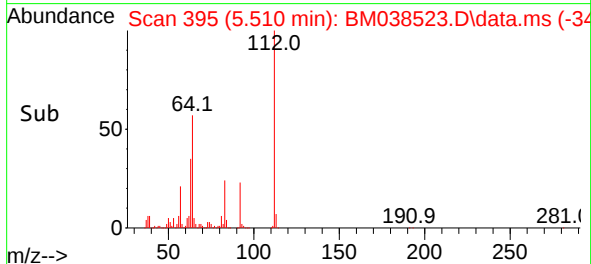
Instrument :
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ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 112 Resp: 432576
Ion Ratio Lower Upper
112 100
64 57.1 47.3 70.9
63 34.6 28.8 43.2

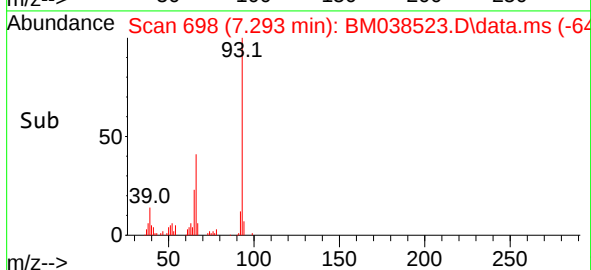
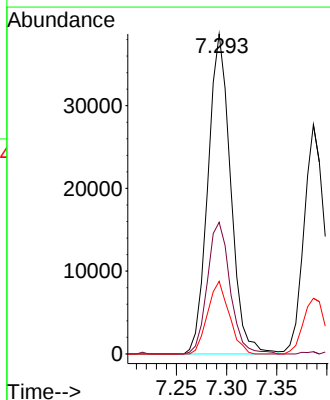
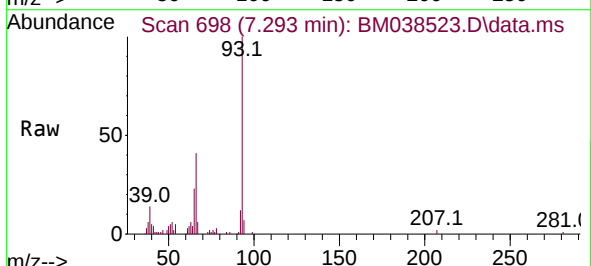
Manual Integrations
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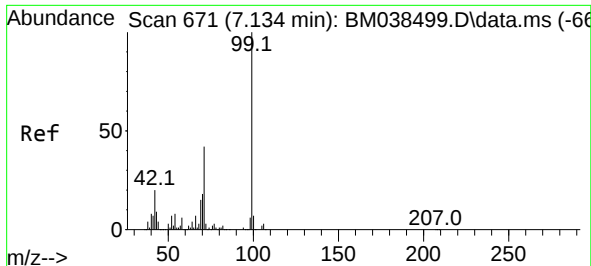
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#6
Aniline
Concen: 8.615 ng
RT: 7.293 min Scan# 698
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

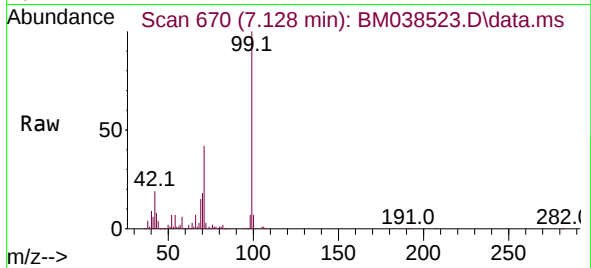
Tgt Ion: 93 Resp: 60723
Ion Ratio Lower Upper
93 100
66 41.1 31.6 47.4
65 22.7 16.6 24.8





#7
Phenol-d6
Concen: 97.541 ng
RT: 7.128 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

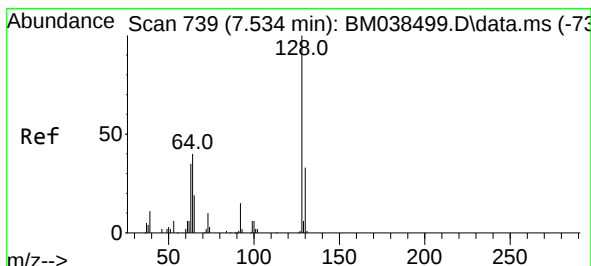
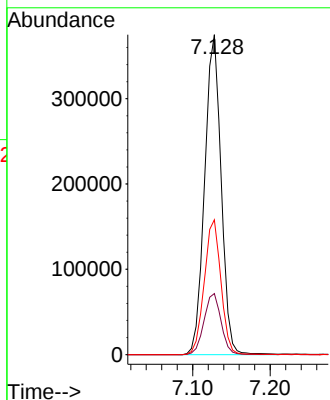
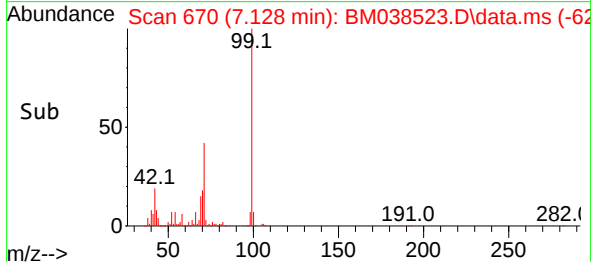
Instrument :
BNA_M
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LOQ-WATER-02-QT4-2022



Tgt Ion: 99 Resp: 553880
Ion Ratio Lower Upper
99 100
42 19.1 16.0 24.0
71 42.1 33.8 50.6

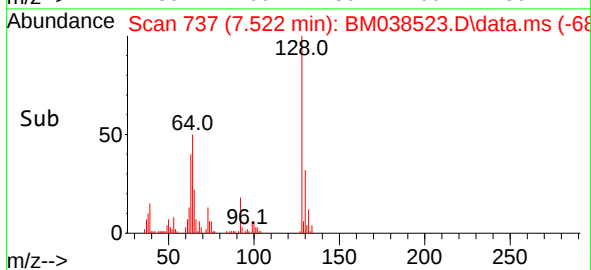
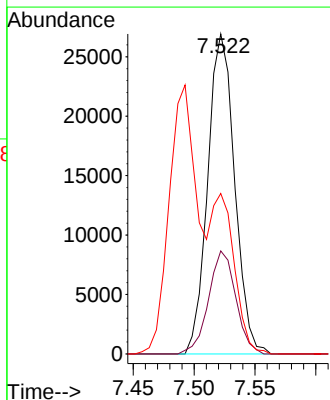
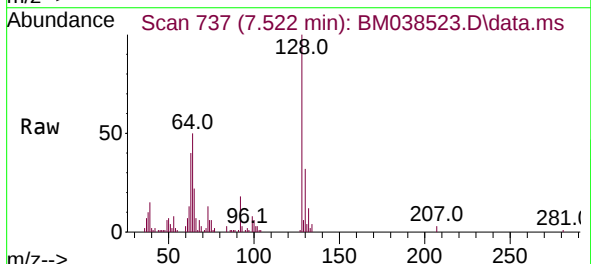
Manual Integrations
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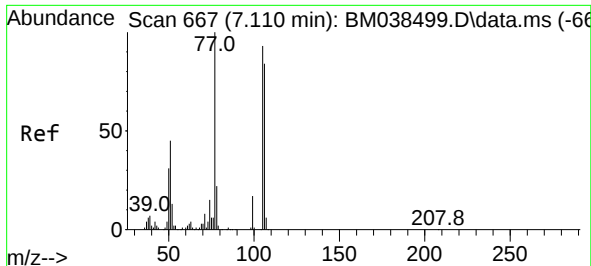
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#8
2-Chlorophenol
Concen: 9.111 ng
RT: 7.522 min Scan# 737
Delta R.T. -0.012 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

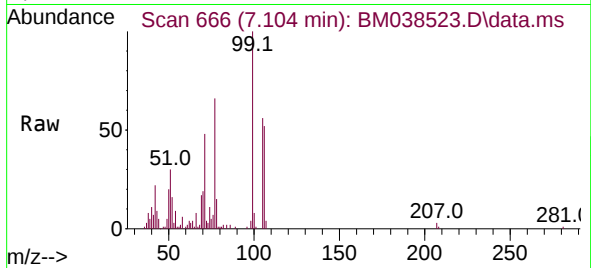
Tgt Ion:128 Resp: 41422
Ion Ratio Lower Upper
128 100
130 32.2 13.2 53.2
64 50.1 27.7 67.7





#9
Benzaldehyde
Concen: 10.626 ng m
RT: 7.104 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

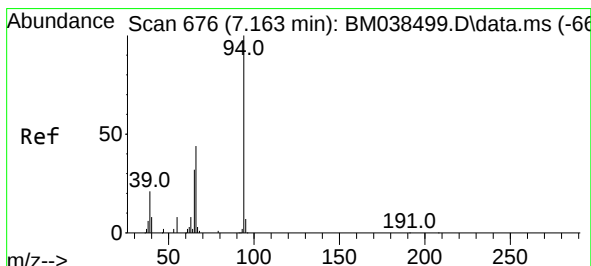
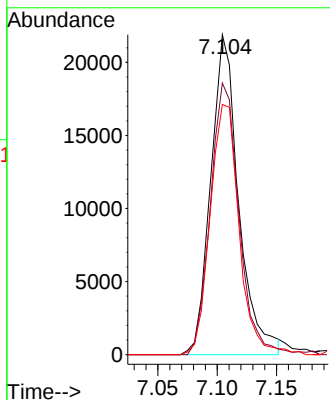
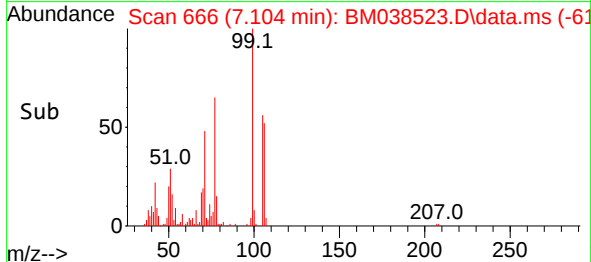
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 77 Resp: 35789
Ion Ratio Lower Upper
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105 84.9 72.9 112.9
106 78.2 63.8 103.8

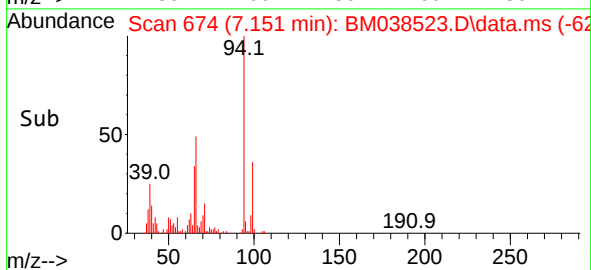
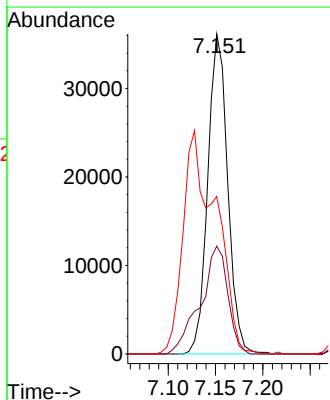
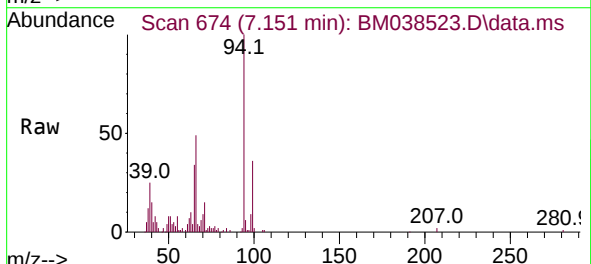
Manual Integrations
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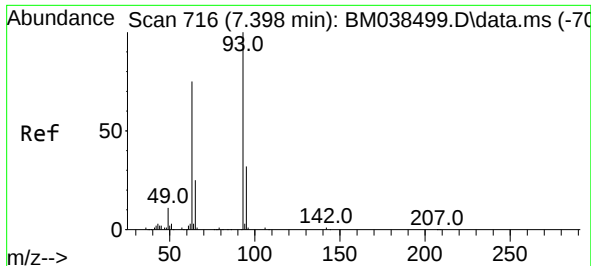
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#10
Phenol
Concen: 9.341 ng
RT: 7.151 min Scan# 674
Delta R.T. -0.012 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

Tgt Ion: 94 Resp: 53001
Ion Ratio Lower Upper
94 100
65 33.7 12.7 52.7
66 49.2 26.0 66.0





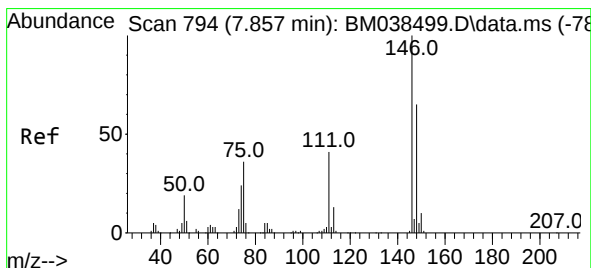
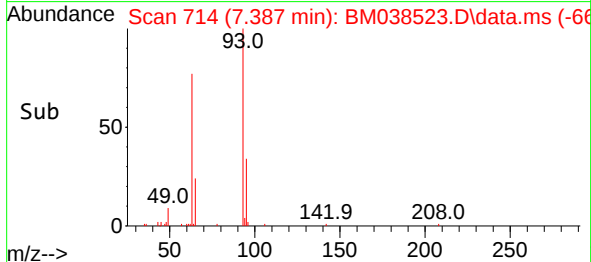
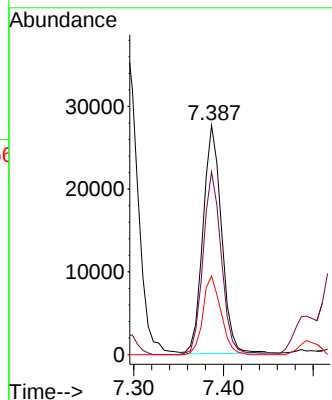
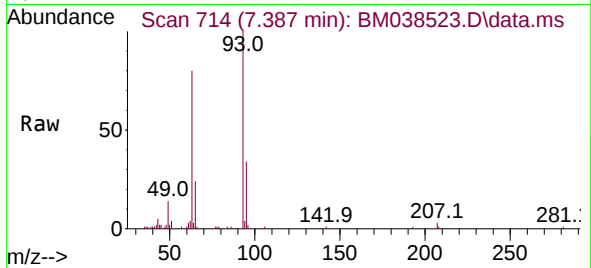
#11
bis(2-Chloroethyl)ether
Concen: 8.859 ng
RT: 7.387 min Scan# 716
Delta R.T. -0.012 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion: 93 Resp: 39663
Ion Ratio Lower Upper
93 100
63 79.7 54.4 94.4
95 34.2 11.4 51.4

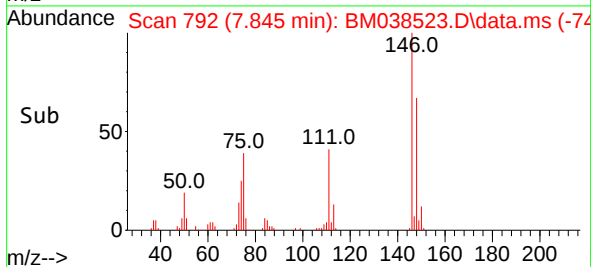
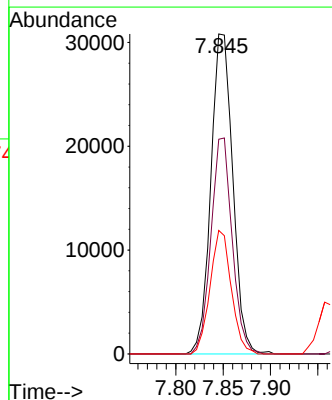
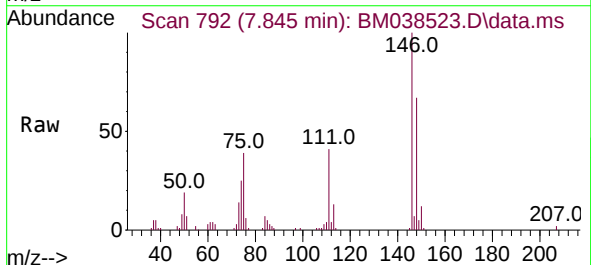
Manual Integrations
APPROVED

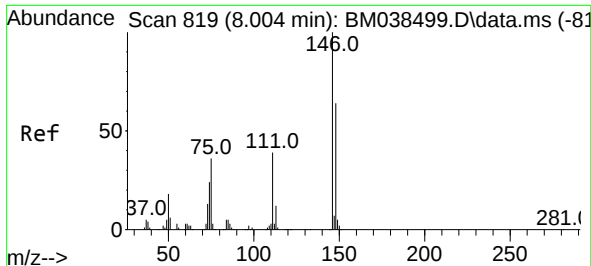
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#12
1,3-Dichlorobenzene
Concen: 9.591 ng
RT: 7.845 min Scan# 792
Delta R.T. -0.012 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

Tgt Ion:146 Resp: 49572
Ion Ratio Lower Upper
146 100
148 67.1 52.1 78.1
75 38.6 28.7 43.1





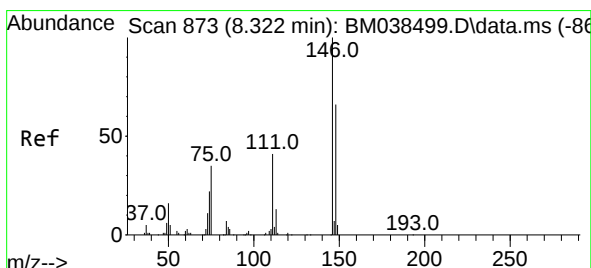
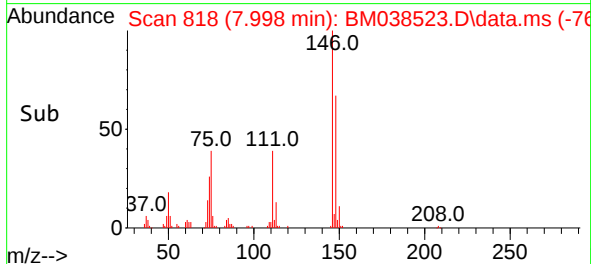
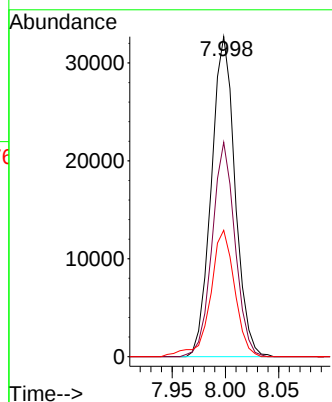
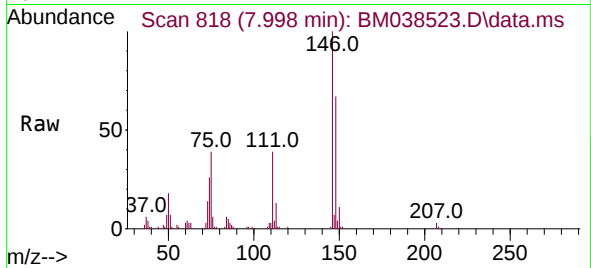
#13
1,4-Dichlorobenzene
Concen: 9.696 ng
RT: 7.998 min Scan# 819
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion:146 Resp: 50632
Ion Ratio Lower Upper
146 100
148 67.0 51.3 76.9
111 39.5 31.4 47.0

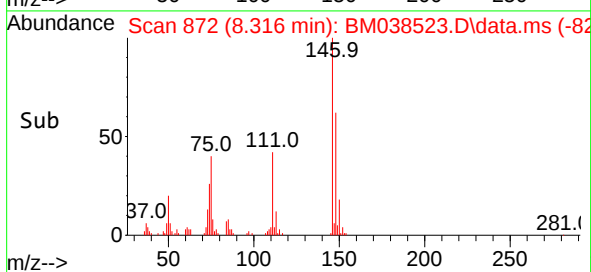
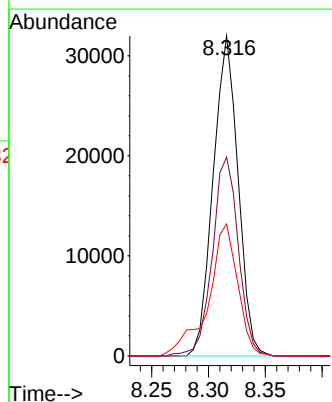
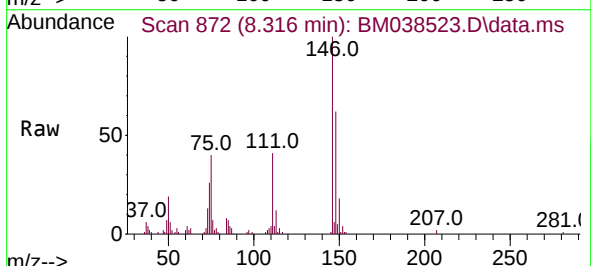
Manual Integrations
APPROVED

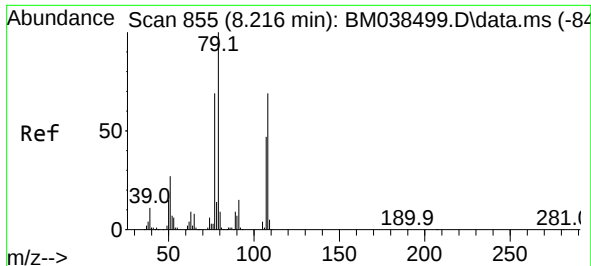
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#14
1,2-Dichlorobenzene
Concen: 9.610 ng
RT: 8.316 min Scan# 872
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

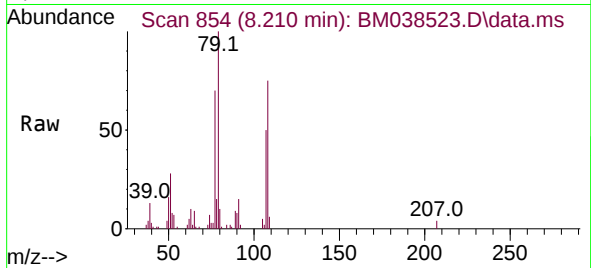
Tgt Ion:146 Resp: 48615
Ion Ratio Lower Upper
146 100
148 62.1 52.7 79.1
111 41.2 33.2 49.8





#15
Benzyl Alcohol
Concen: 8.600 ng
RT: 8.210 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

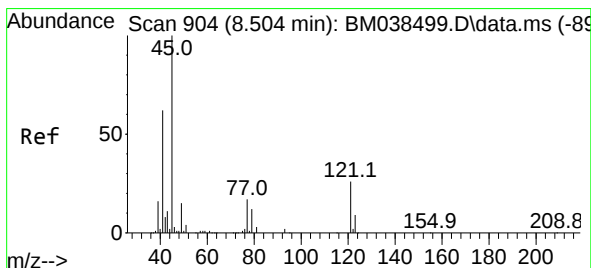
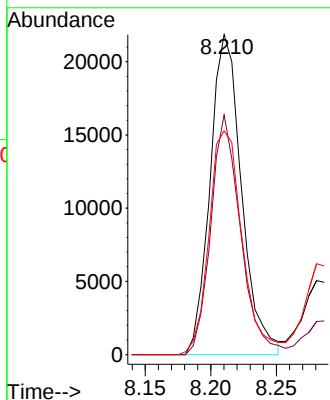
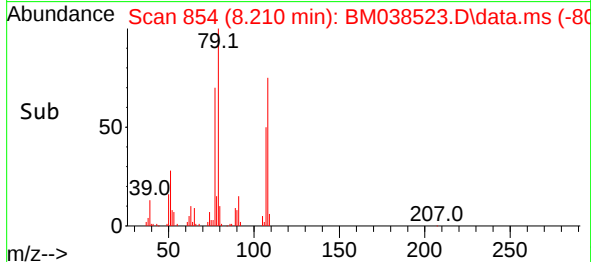
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 79 Resp: 3651
Ion Ratio Lower Upper
79 100
108 74.9 55.0 82.6
77 69.9 55.0 82.4

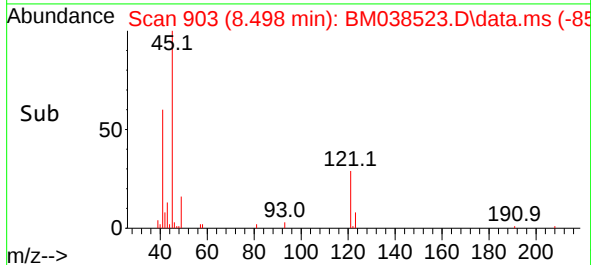
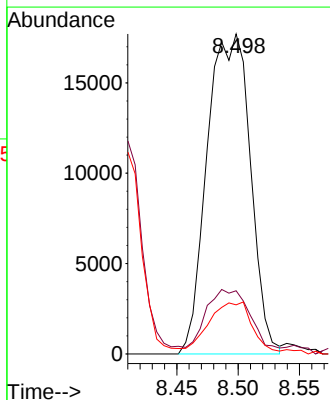
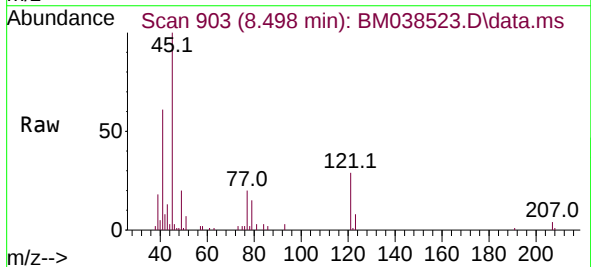
Manual Integrations
APPROVED

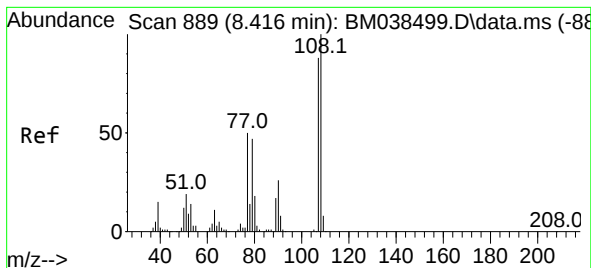
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.216 ng m
RT: 8.498 min Scan# 903
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

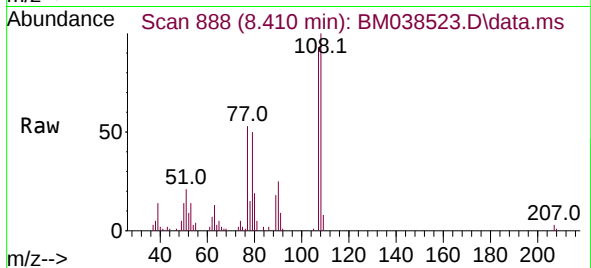
Tgt Ion: 45 Resp: 43329
Ion Ratio Lower Upper
45 100
77 19.7 0.0 39.2
79 15.3 0.0 34.9





#17
2-Methylphenol
Concen: 7.861 ng
RT: 8.410 min Scan# 889
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

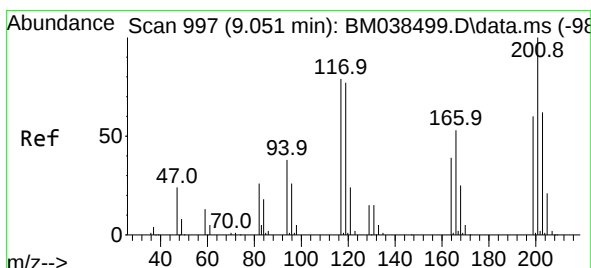
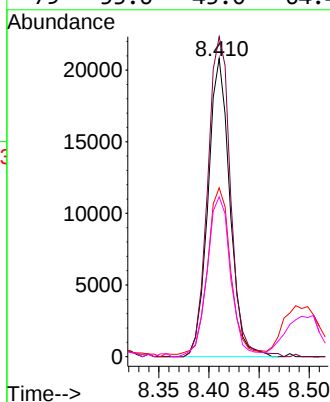
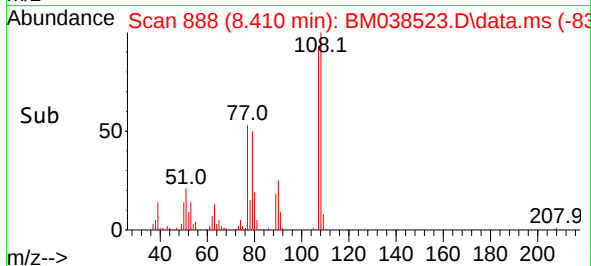
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:	107	Resp:	31570
Ion	Ratio	Lower	Upper
107	100		
108	107.3	90.8	136.2
77	56.6	46.1	69.1
79	53.6	43.0	64.4

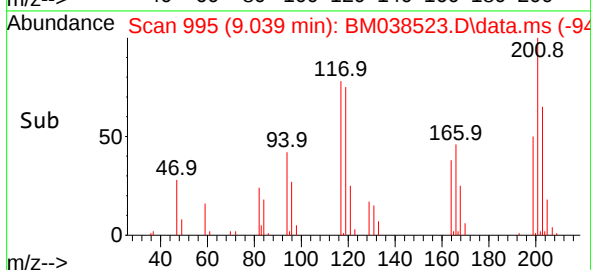
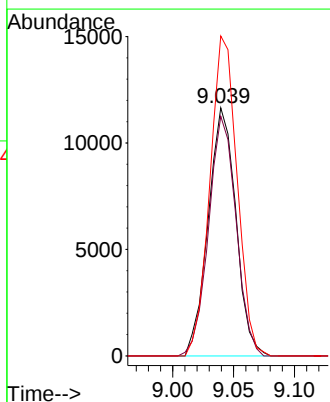
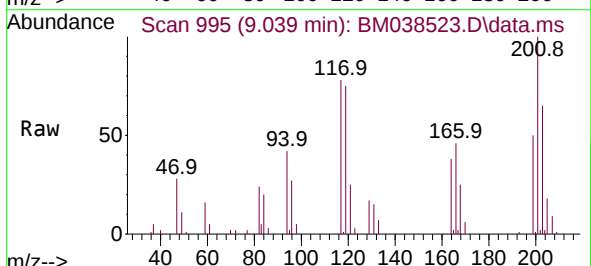
Manual Integrations
APPROVED

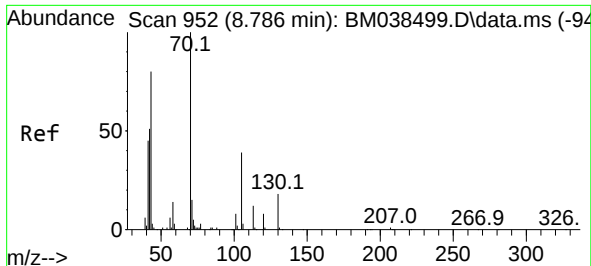
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#18
Hexachloroethane
Concen: 9.496 ng
RT: 9.039 min Scan# 995
Delta R.T. -0.012 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

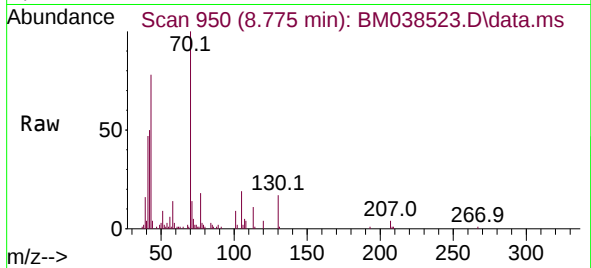
Tgt Ion:	117	Resp:	18438
Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.9	116.9
201	129.0	100.6	151.0





#19
n-Nitroso-di-n-propylamine
Concen: 8.715 ng
RT: 8.775 min Scan# 91
Delta R.T. -0.011 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

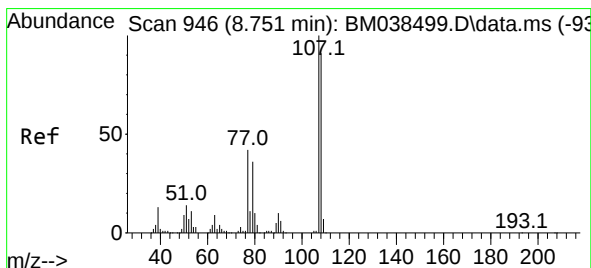
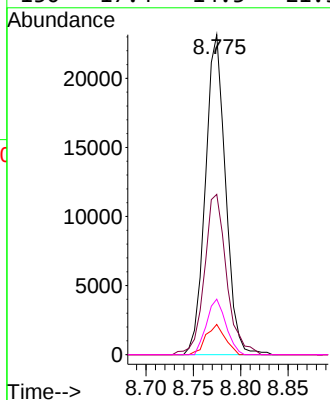
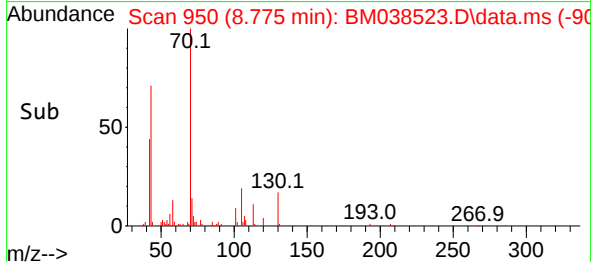
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 70 Resp: 3431
Ion Ratio Lower Upper
70 100
42 50.1 41.4 62.2
101 9.4 6.5 9.7
130 17.4 14.3 21.5

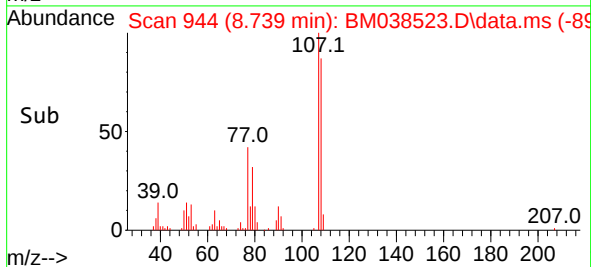
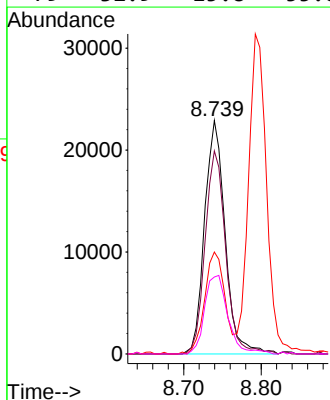
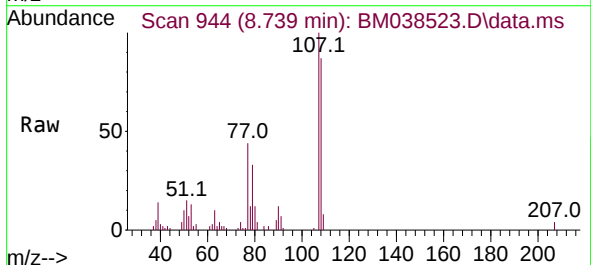
Manual Integrations
APPROVED

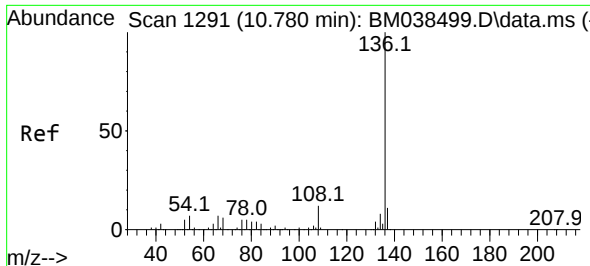
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#20
3+4-Methylphenols
Concen: 7.843 ng
RT: 8.739 min Scan# 944
Delta R.T. -0.012 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

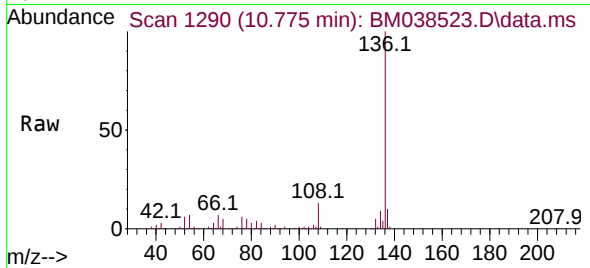
Tgt Ion:107 Resp: 42215
Ion Ratio Lower Upper
107 100
108 86.9 70.7 110.7
77 43.7 22.0 62.0
79 32.9 15.8 55.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

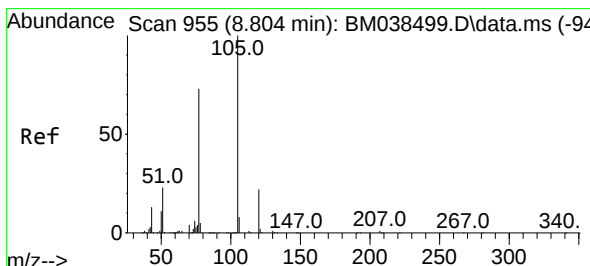
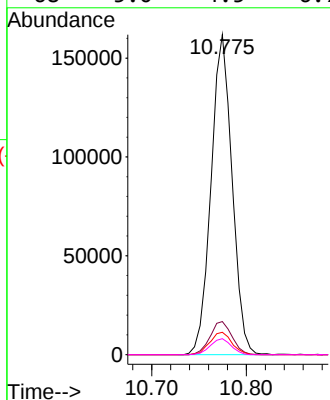
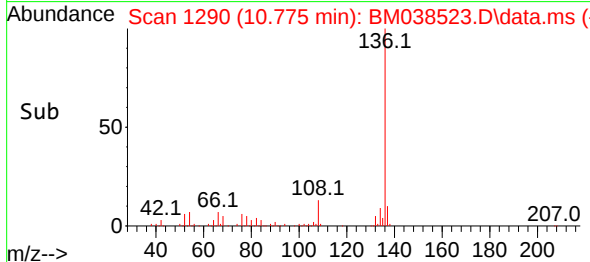
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:136 Resp: 249674
Ion Ratio Lower Upper
136 100
137 10.3 8.4 12.6
54 7.0 6.0 9.0
68 5.0 4.5 6.7

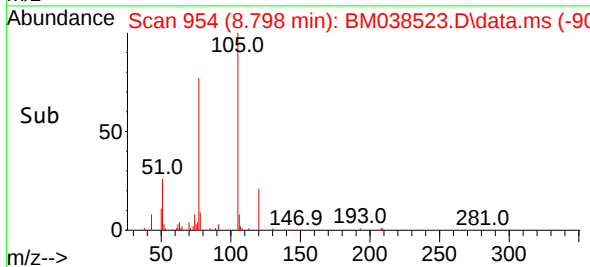
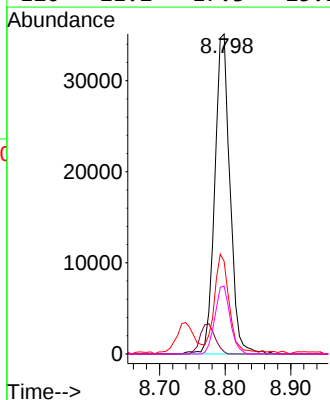
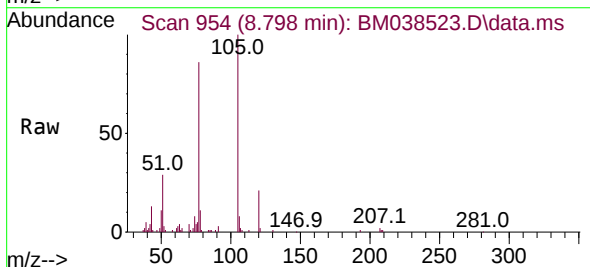
Manual Integrations
APPROVED

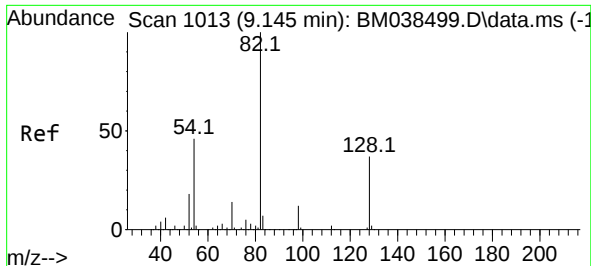
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#22
Acetophenone
Concen: 8.251 ng
RT: 8.798 min Scan# 954
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

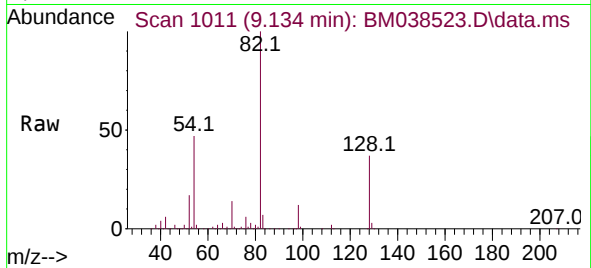
Tgt Ion:105 Resp: 56754
Ion Ratio Lower Upper
105 100
71 0.7 0.9 1.3#
51 28.9 21.8 32.8
120 21.2 17.3 25.9





#23
Nitrobenzene-d5
Concen: 65.475 ng
RT: 9.134 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

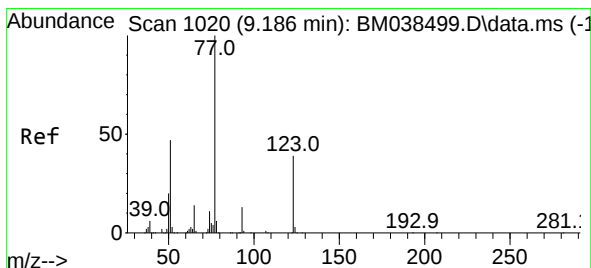
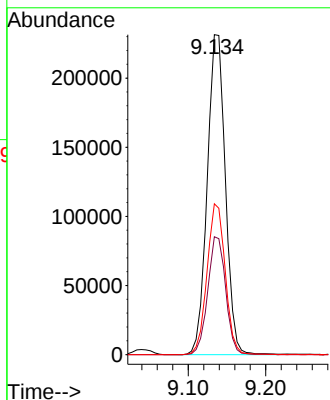
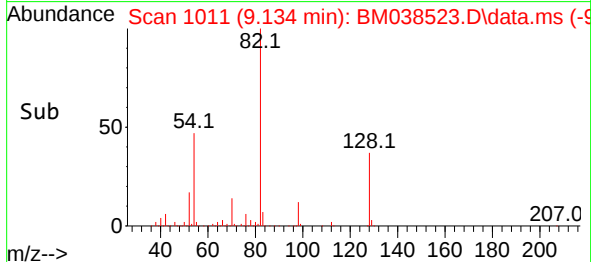
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 82 Resp: 376453
Ion Ratio Lower Upper
82 100
128 36.8 29.3 43.9
54 47.1 36.9 55.3

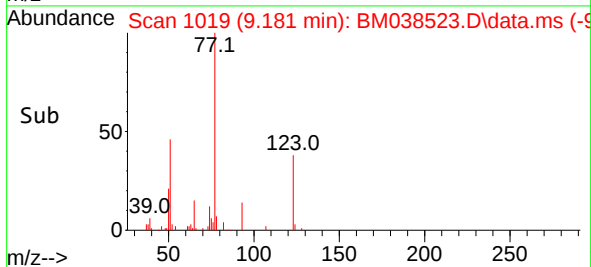
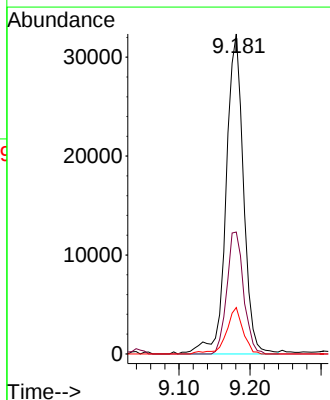
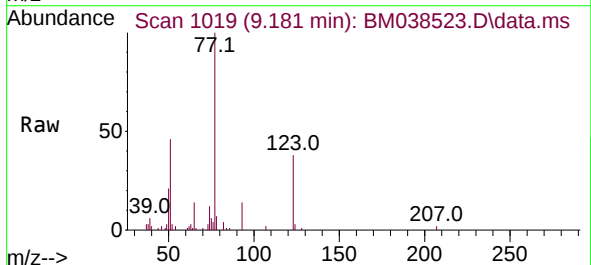
Manual Integrations
APPROVED

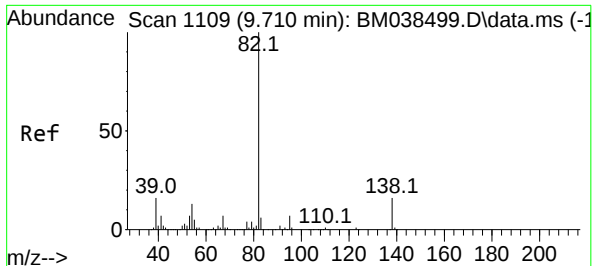
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#24
Nitrobenzene
Concen: 9.450 ng
RT: 9.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

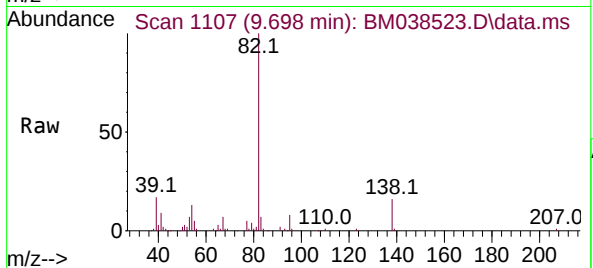
Tgt Ion: 77 Resp: 54973
Ion Ratio Lower Upper
77 100
123 38.1 31.5 47.3
65 14.5 11.2 16.8





#25
Isophorone
Concen: 8.546 ng
RT: 9.698 min Scan# 1108
Delta R.T. -0.012 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

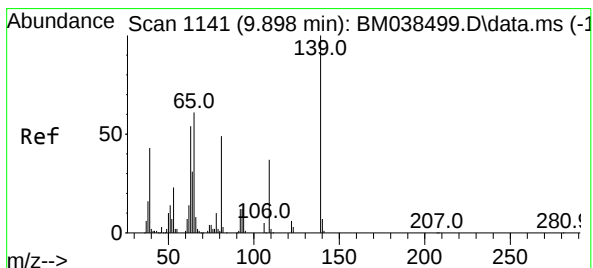
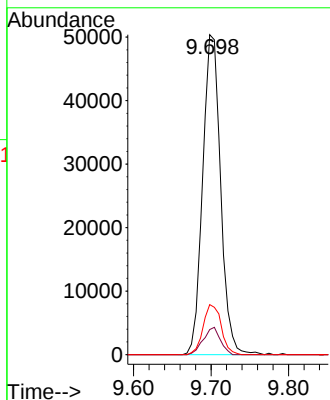
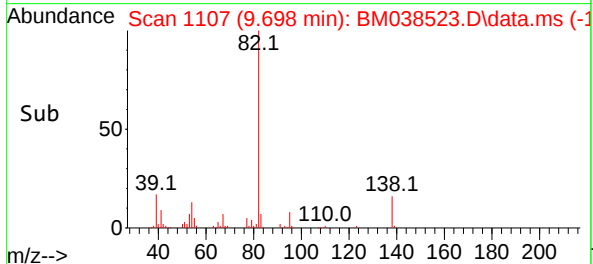
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



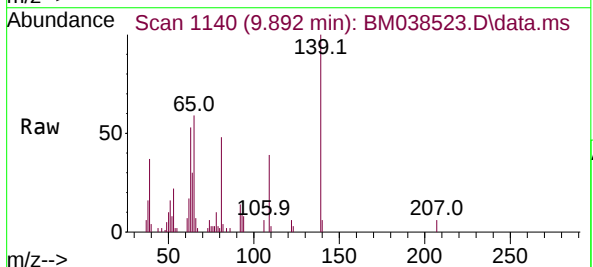
Tgt Ion: 82 Resp: 81085
Ion Ratio Lower Upper
82 100
95 7.8 5.6 8.4
138 15.6 13.2 19.8

Manual Integrations
APPROVED

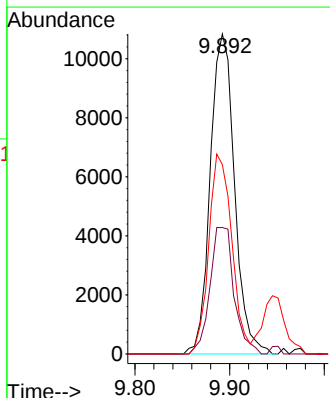
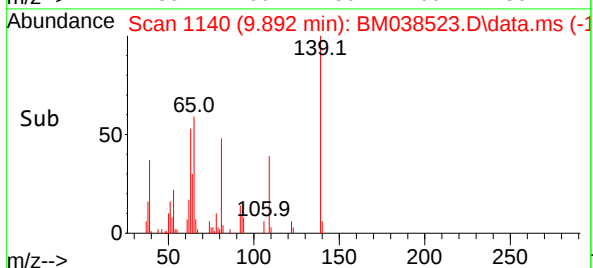
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

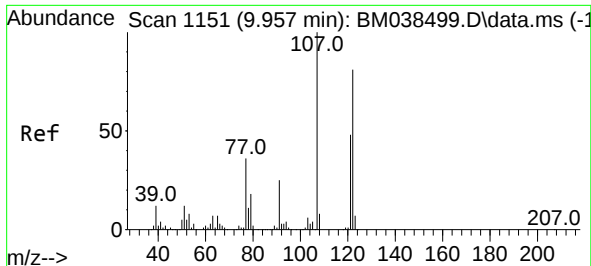


#26
2-Nitrophenol
Concen: 8.351 ng
RT: 9.892 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18



Tgt Ion:139 Resp: 19283
Ion Ratio Lower Upper
139 100
109 39.5 29.3 43.9
65 59.1 48.6 72.8





#27

2,4-Dimethylphenol

Concen: 5.612 ng

RT: 9.945 min Scan# 1149

Delta R.T. -0.012 min

Lab File: BM038523.D

Acq: 24 Jan 2023 13:18

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2022

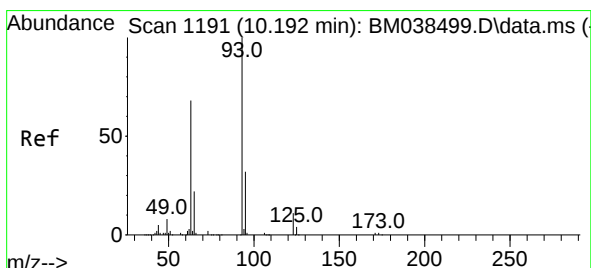
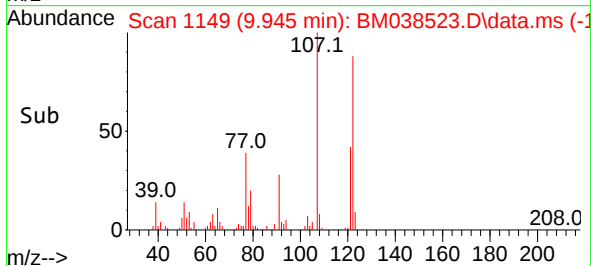
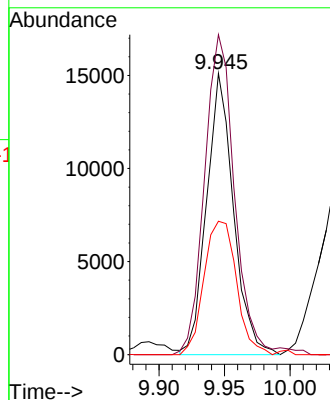
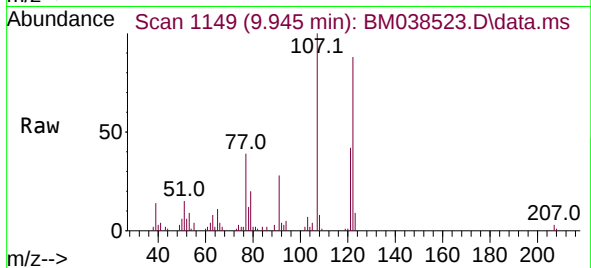
Tgt Ion:	122	Resp:	21566
Ion Ratio	Lower	Upper	
122	100		
107	113.8	98.2	147.2
121	47.5	47.1	70.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2023

Supervised By :Jagrut Upadhyay 01/25/2023



#28

bis(2-Chloroethoxy)methane

Concen: 7.228 ng

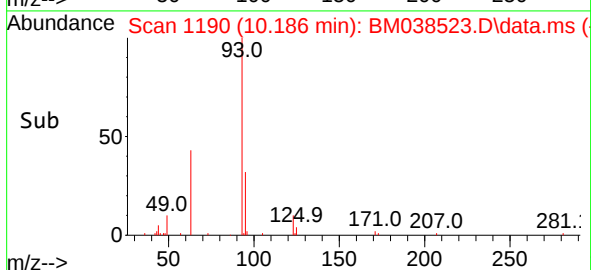
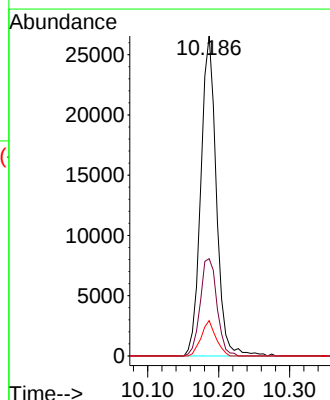
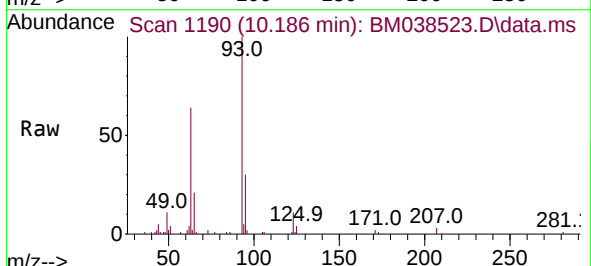
RT: 10.186 min Scan# 1190

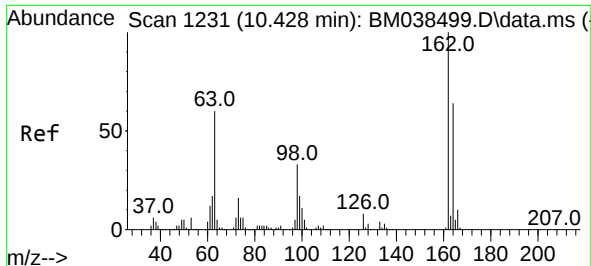
Delta R.T. -0.006 min

Lab File: BM038523.D

Acq: 24 Jan 2023 13:18

Tgt Ion:	93	Resp:	40121
Ion Ratio	Lower	Upper	
93	100		
95	30.4	25.3	37.9
123	11.0	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 9.182 ng

RT: 10.422 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BM038523.D

Acq: 24 Jan 2023 13:18

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2022

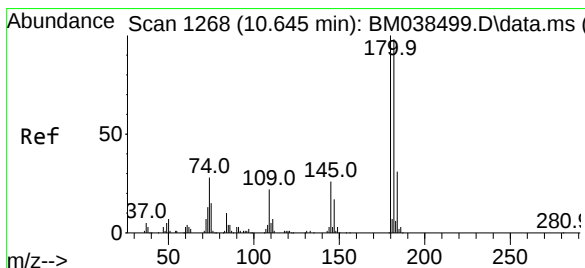
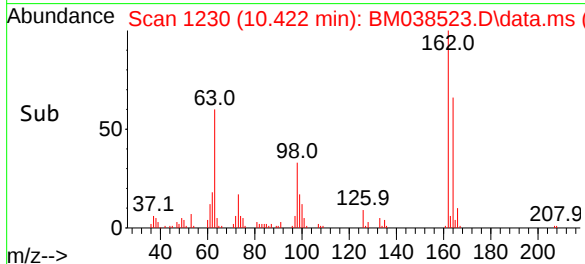
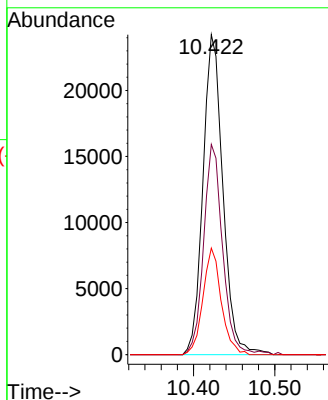
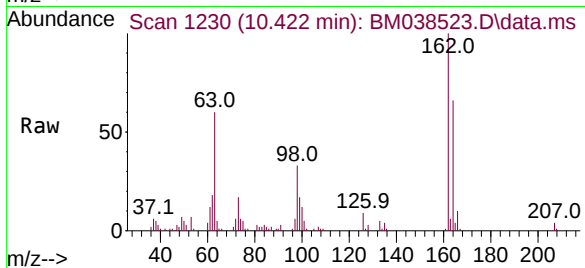
Tgt Ion:162	Resp:	41396
Ion Ratio	Lower	Upper
162	100	
164	65.7	43.7 83.7
98	33.3	12.9 52.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2023

Supervised By :Jagrut Upadhyay 01/25/2023



#30

1,2,4-Trichlorobenzene

Concen: 9.408 ng

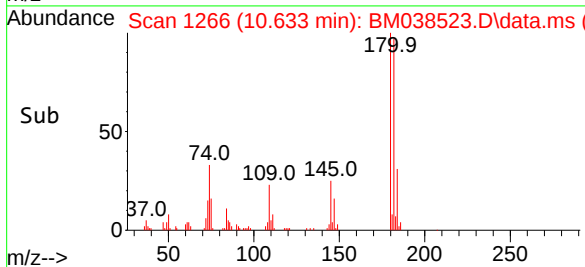
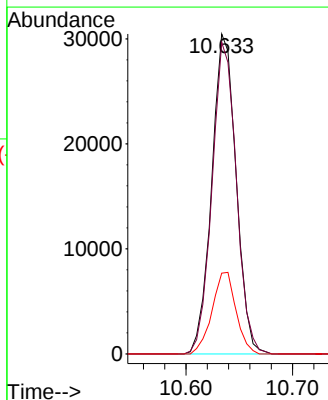
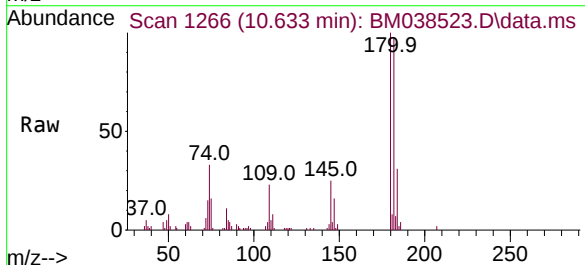
RT: 10.633 min Scan# 1266

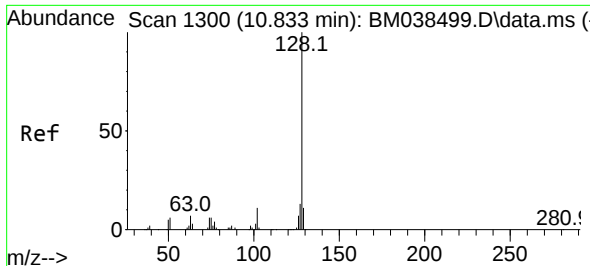
Delta R.T. -0.012 min

Lab File: BM038523.D

Acq: 24 Jan 2023 13:18

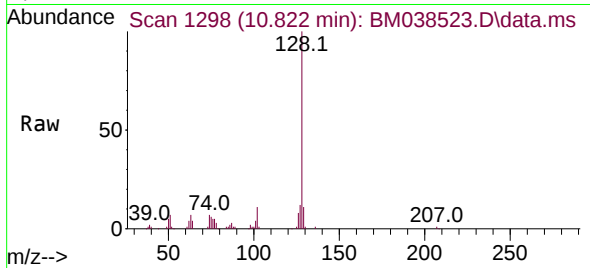
Tgt Ion:180	Resp:	48510
Ion Ratio	Lower	Upper
180	100	
182	97.4	78.3 117.5
145	25.2	21.0 31.6





#31
Naphthalene
Concen: 9.003 ng
RT: 10.822 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

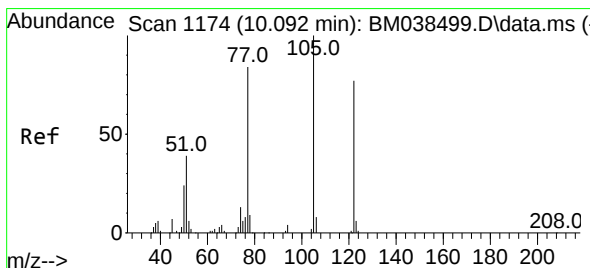
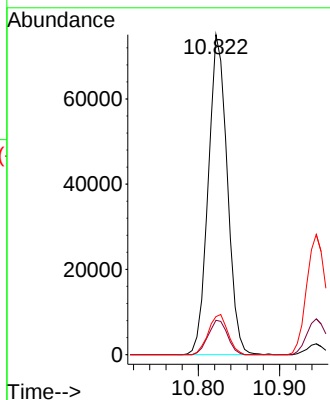
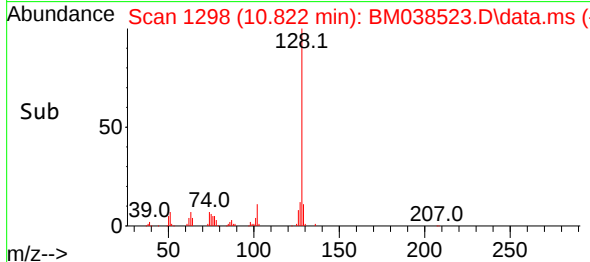
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



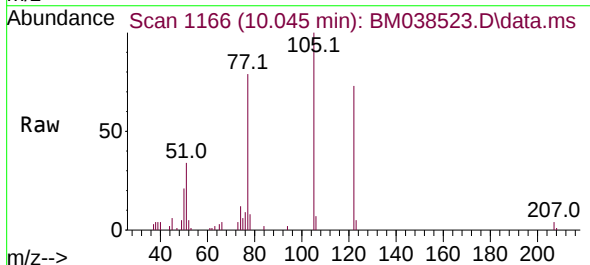
Tgt Ion:128 Resp: 122115
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 11.9 10.3 15.5

Manual Integrations
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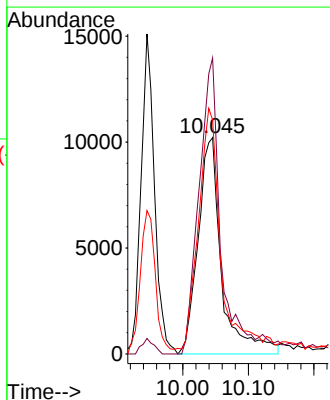
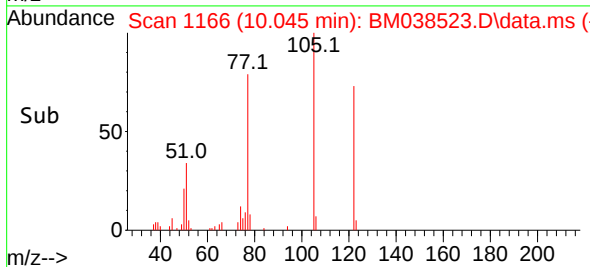
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

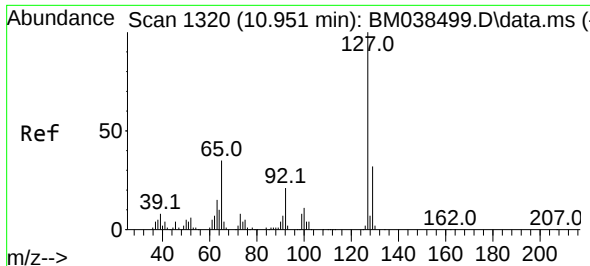


#32
Benzoic acid
Concen: 13.027 ng
RT: 10.045 min Scan# 1166
Delta R.T. -0.047 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18



Tgt Ion:122 Resp: 25333
Ion Ratio Lower Upper
122 100
105 136.8 107.9 147.9
77 108.2 88.6 128.6





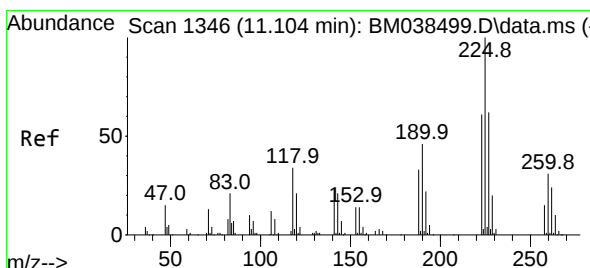
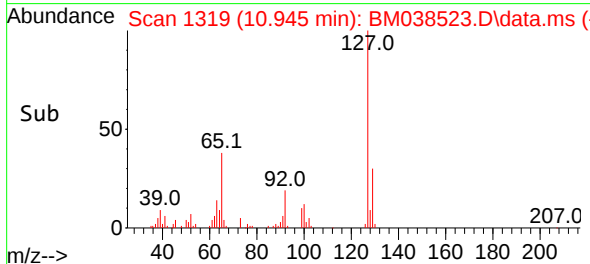
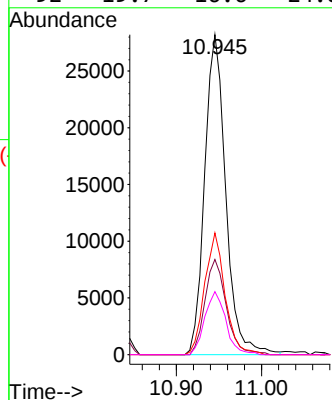
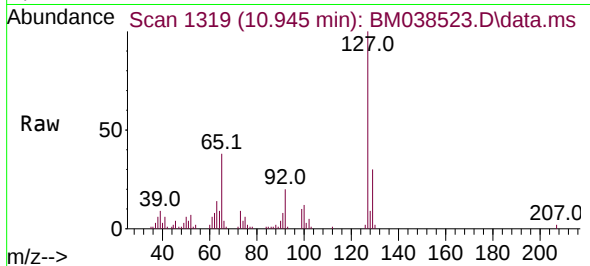
#33
4-Chloroaniline
Concen: 8.567 ng
RT: 10.945 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion:	127	Resp:	4850
Ion Ratio	Lower	Upper	
127	100		
129	29.7	25.8	38.6
65	38.0	28.2	42.2
92	19.7	16.6	24.8

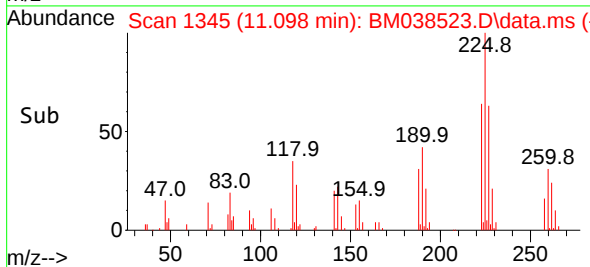
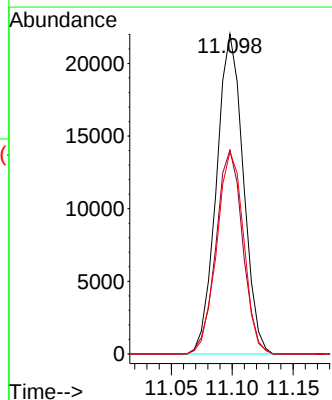
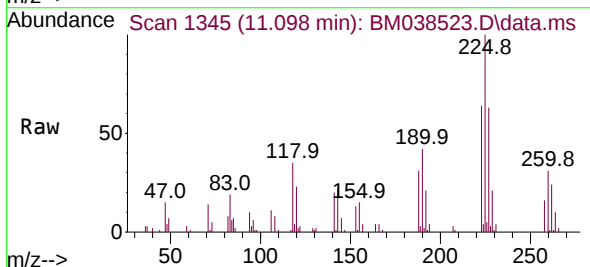
Manual Integrations
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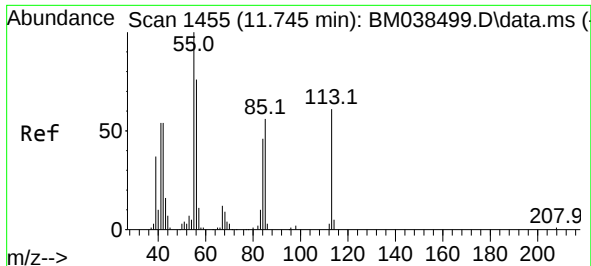
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#34
Hexachlorobutadiene
Concen: 9.927 ng
RT: 11.098 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

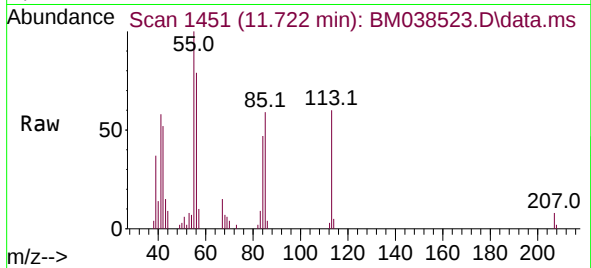
Tgt Ion:	225	Resp:	33667
Ion Ratio	Lower	Upper	
225	100		
223	63.7	48.8	73.2
227	63.1	49.4	74.0





#35
 Caprolactam
 Concen: 10.477 ng
 RT: 11.722 min Scan# 1455
 Delta R.T. -0.023 min
 Lab File: BM038523.D
 Acq: 24 Jan 2023 13:18

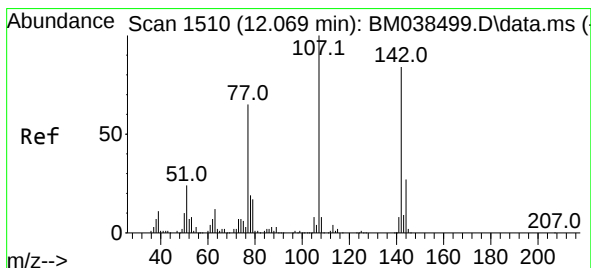
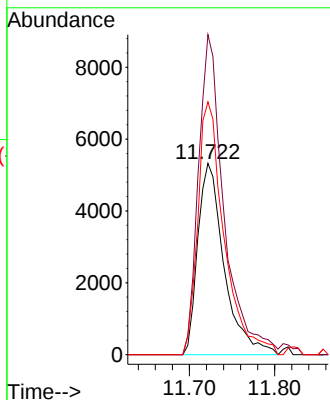
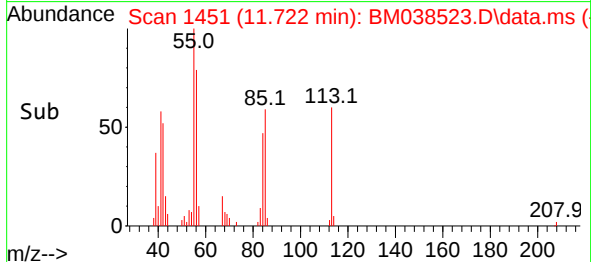
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT4-2022



Tgt Ion:113 Resp: 11452
 Ion Ratio Lower Upper
 113 100
 55 167.3 145.0 185.0
 56 132.2 105.7 145.7

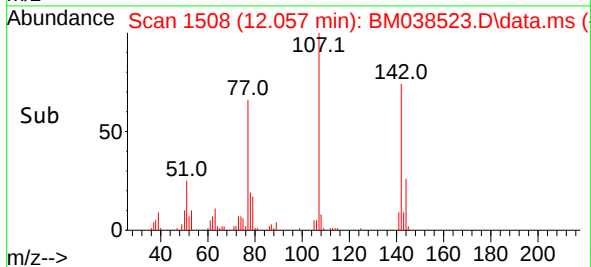
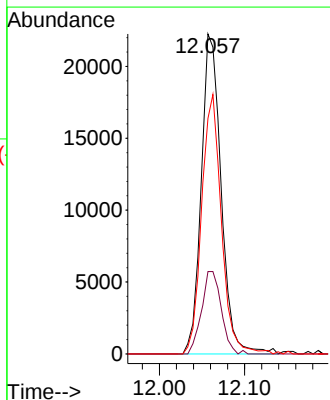
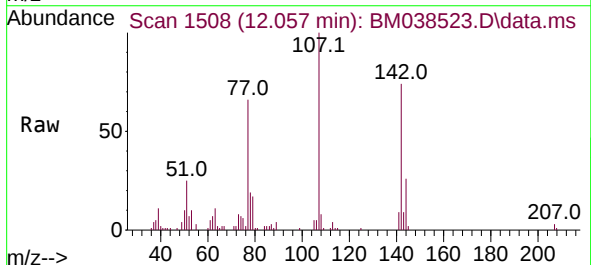
Manual Integrations
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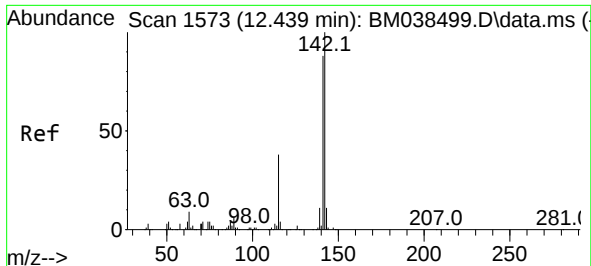
Reviewed By :Christian Giraldo 01/25/2023
 Supervised By :Jagrut Upadhyay 01/25/2023



#36
 4-Chloro-3-methylphenol
 Concen: 8.800 ng
 RT: 12.057 min Scan# 1508
 Delta R.T. -0.012 min
 Lab File: BM038523.D
 Acq: 24 Jan 2023 13:18

Tgt Ion:107 Resp: 36080
 Ion Ratio Lower Upper
 107 100
 144 25.7 22.0 33.0
 142 73.6 67.5 101.3





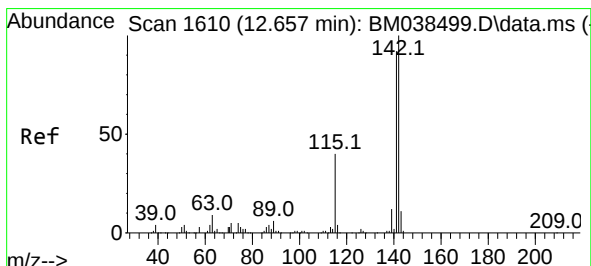
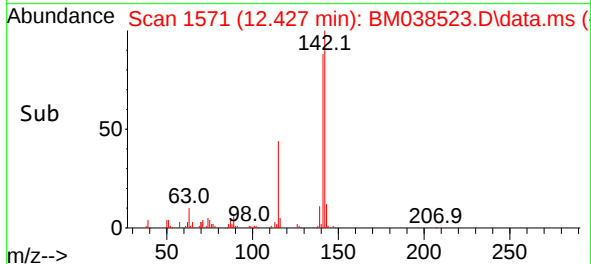
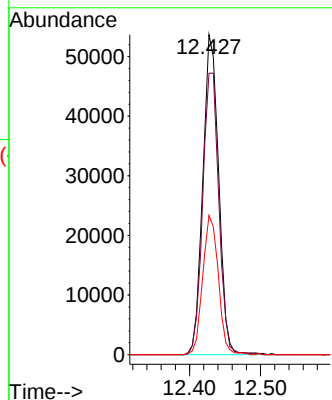
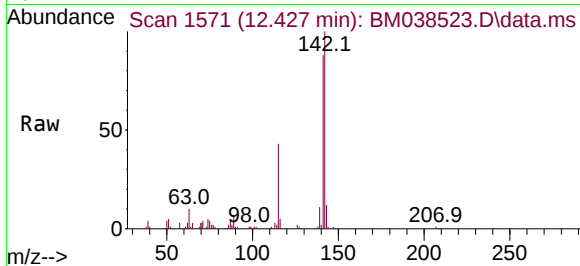
#37
2-Methylnaphthalene
Concen: 8.486 ng
RT: 12.427 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion:142 Resp: 82718
Ion Ratio Lower Upper
142 100
141 87.9 70.7 106.1
115 43.5 30.4 45.6

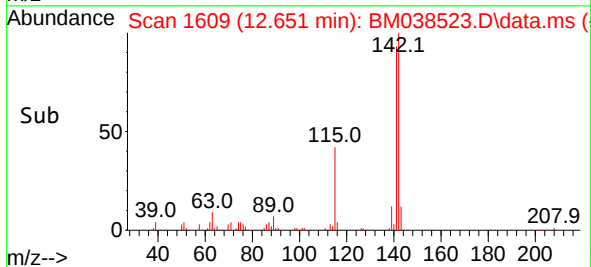
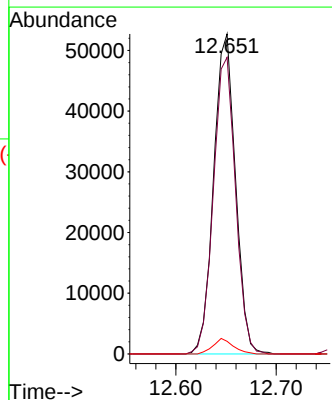
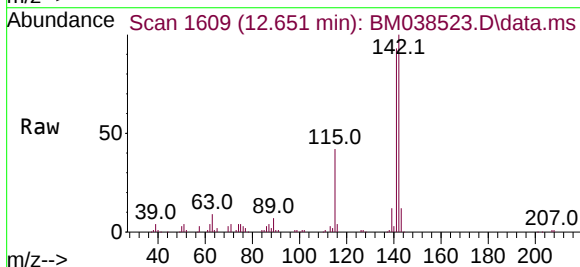
Manual Integrations
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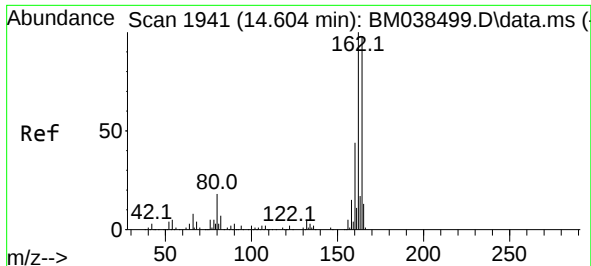
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#38
1-Methylnaphthalene
Concen: 8.670 ng
RT: 12.651 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

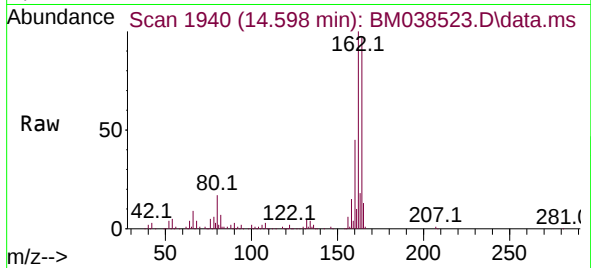
Tgt Ion:142 Resp: 79705
Ion Ratio Lower Upper
142 100
141 92.7 73.4 110.0
116 3.9 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

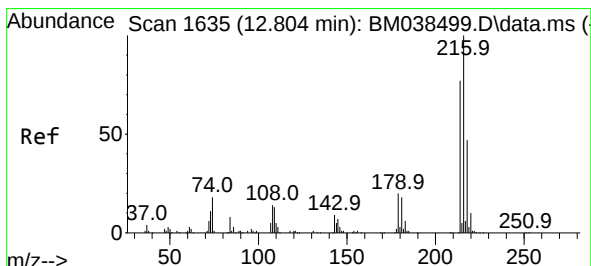
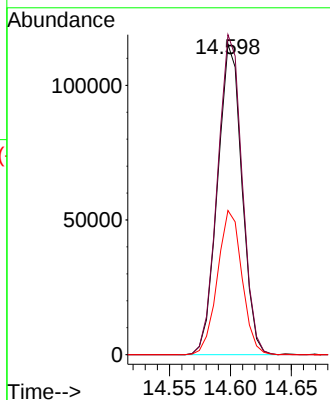
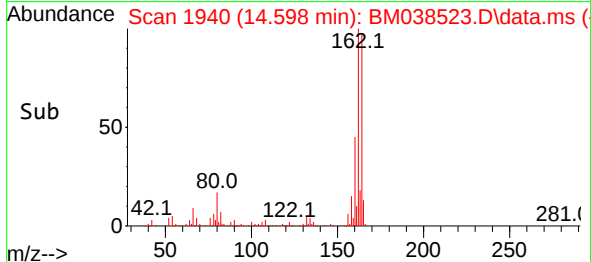
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



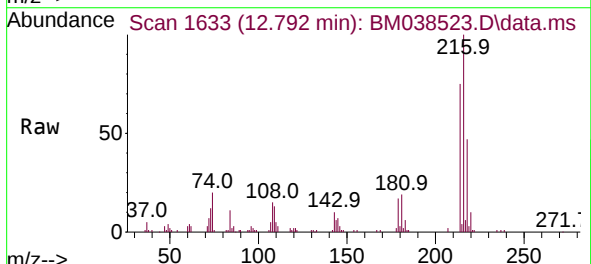
Tgt Ion:164 Resp: 160665
Ion Ratio Lower Upper
164 100
162 103.1 82.0 123.0
160 46.4 35.8 53.6

Manual Integrations
APPROVED

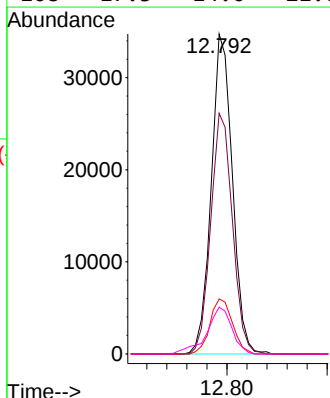
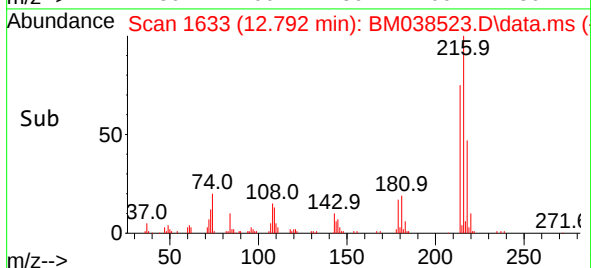
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

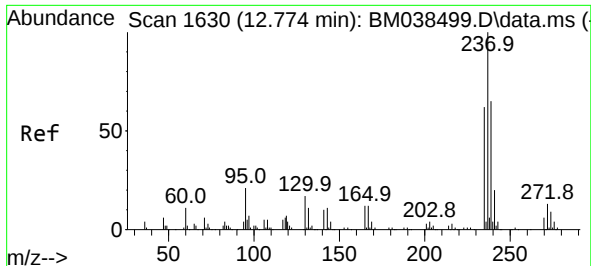


#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.403 ng
RT: 12.792 min Scan# 1633
Delta R.T. -0.012 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18



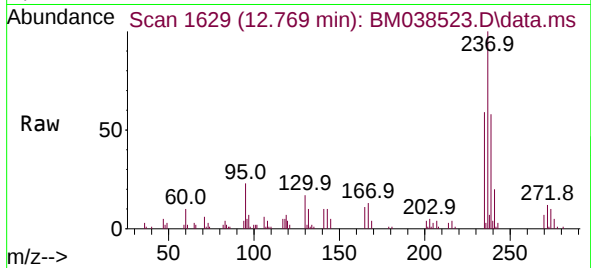
Tgt Ion:216 Resp: 50783
Ion Ratio Lower Upper
216 100
214 77.1 61.4 92.0
179 18.3 15.7 23.5
108 17.3 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 9.563 ng
RT: 12.769 min Scan# 1629
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

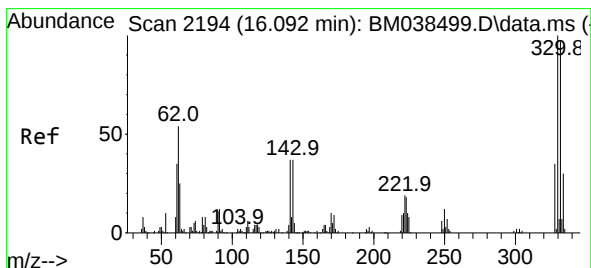
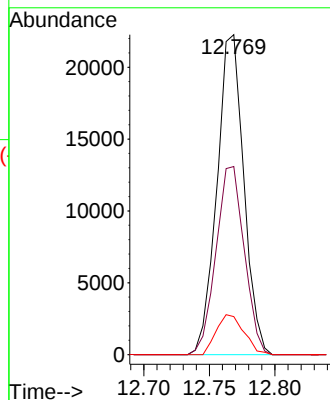
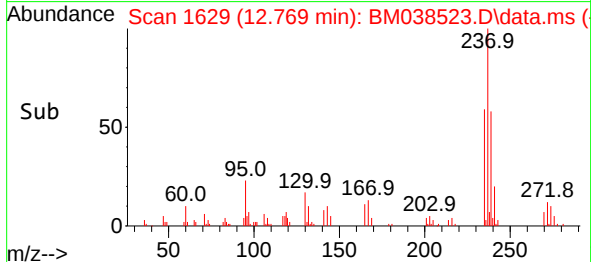
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



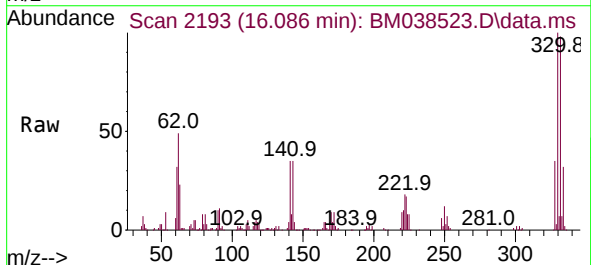
Tgt Ion: 237 Resp: 31766
Ion Ratio Lower Upper
237 100
235 58.8 42.3 82.3
272 11.9 0.0 32.9

Manual Integrations
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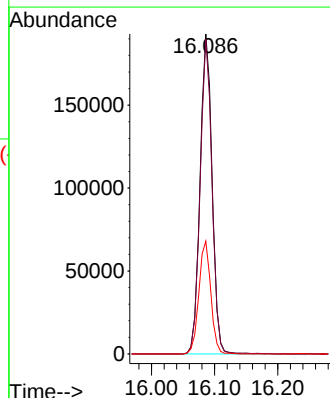
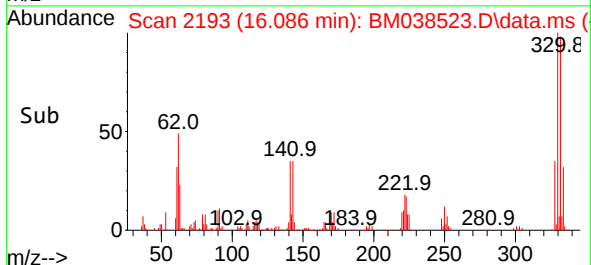
Reviewed By : Christian Giraldo 01/25/2023
Supervised By : Jagrut Upadhyay 01/25/2023

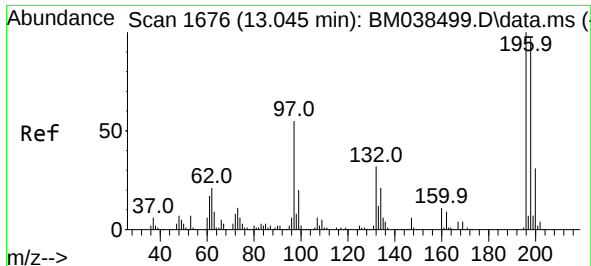


#42
2,4,6-Tribromophenol
Concen: 110.197 ng
RT: 16.086 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18



Tgt Ion: 330 Resp: 254955
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 35.0 29.0 43.4





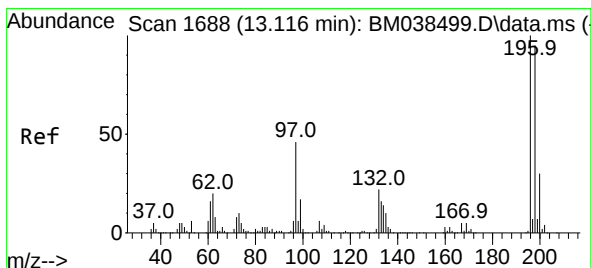
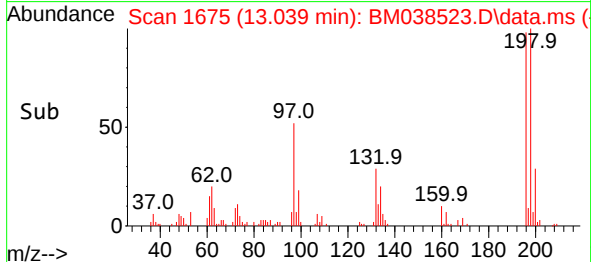
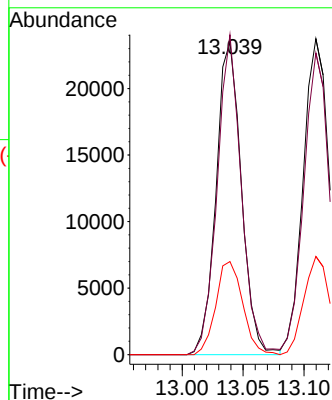
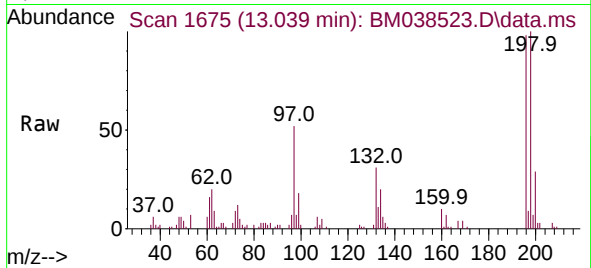
#43
2,4,6-Trichlorophenol
Concen: 8.749 ng
RT: 13.039 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion:196 Resp: 33849
Ion Ratio Lower Upper
196 100
198 102.3 77.9 116.9
200 29.8 24.5 36.7

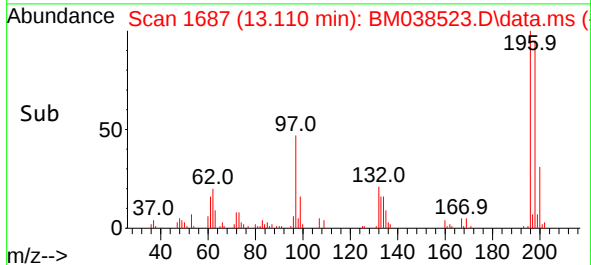
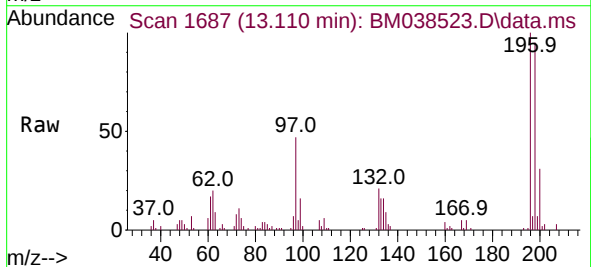
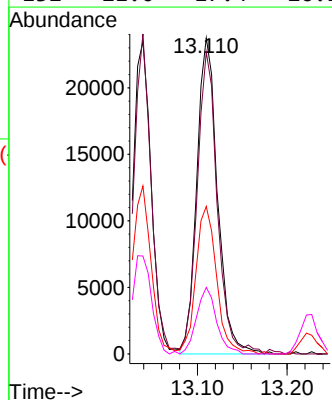
Manual Integrations
APPROVED

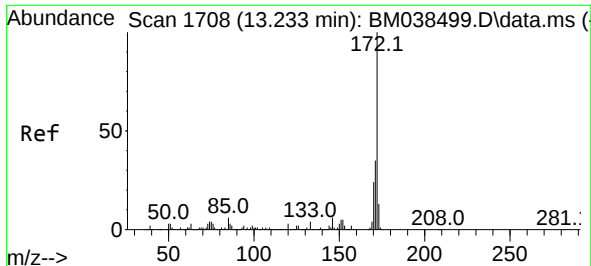
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#44
2,4,5-Trichlorophenol
Concen: 8.420 ng
RT: 13.110 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

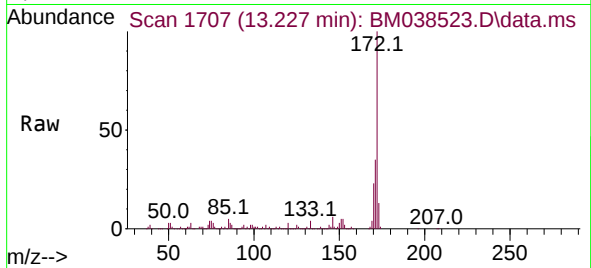
Tgt Ion:196 Resp: 38153
Ion Ratio Lower Upper
196 100
198 95.5 76.0 114.0
97 46.7 36.9 55.3
132 21.0 17.4 26.2





#45
2-Fluorobiphenyl
Concen: 66.676 ng
RT: 13.227 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

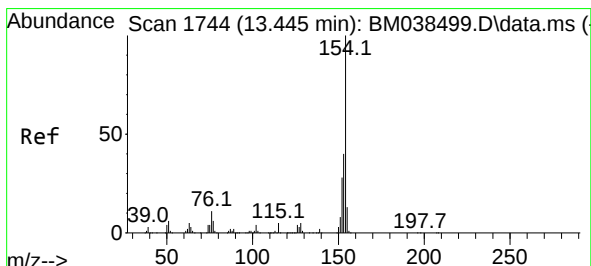
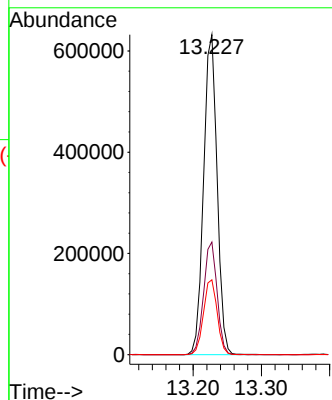
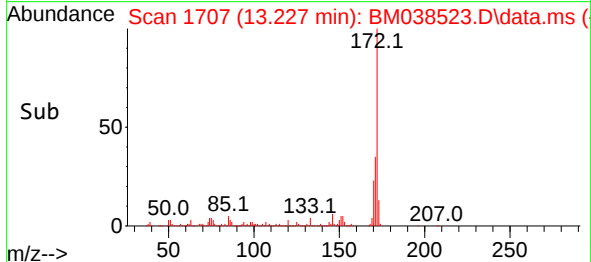
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



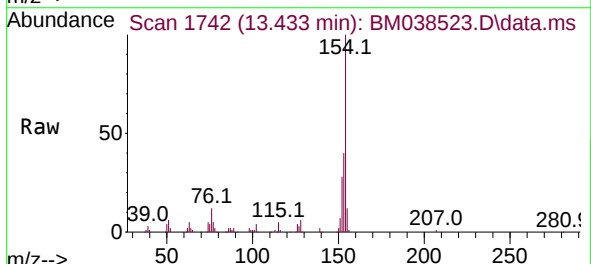
Tgt Ion:172 Resp: 869645
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 23.4 19.5 29.3

Manual Integrations
APPROVED

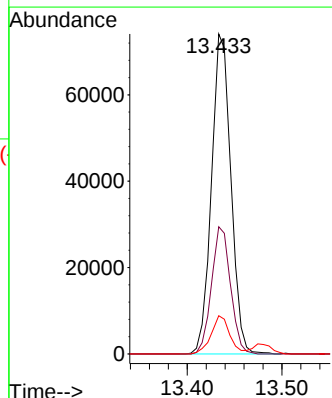
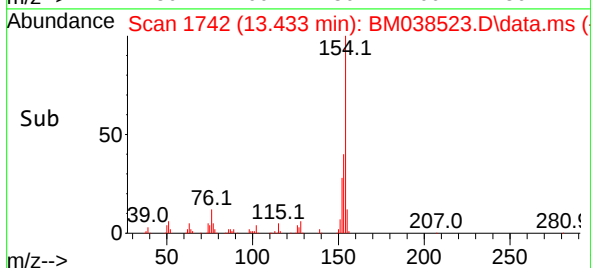
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

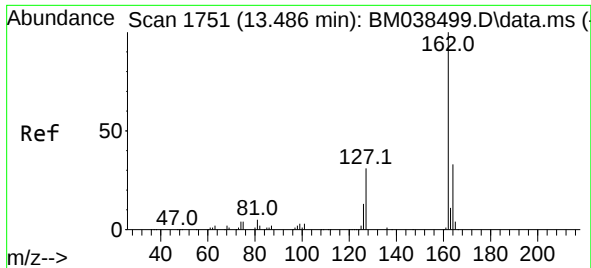


#46
1,1'-Biphenyl
Concen: 8.198 ng
RT: 13.433 min Scan# 1742
Delta R.T. -0.012 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18



Tgt Ion:154 Resp: 105487
Ion Ratio Lower Upper
154 100
153 39.7 20.1 60.1
76 11.9 0.0 31.3





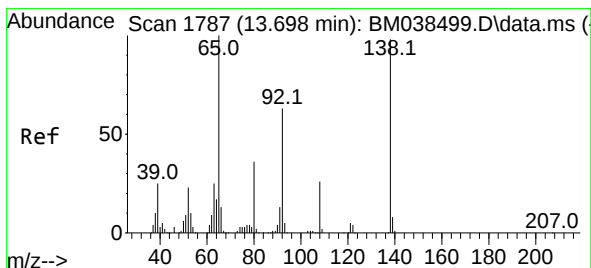
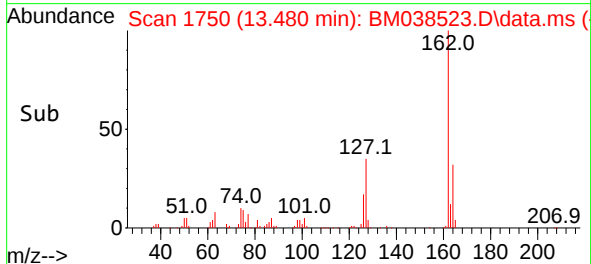
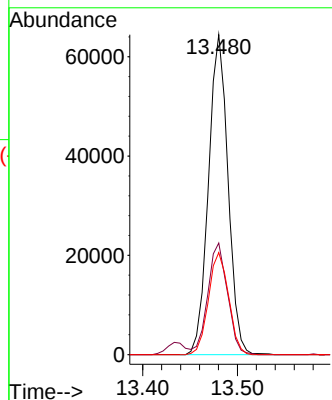
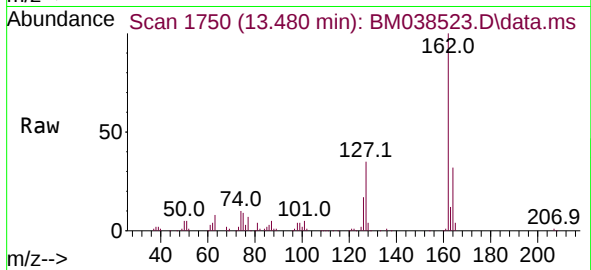
#47
2-Chloronaphthalene
Concen: 9.203 ng
RT: 13.480 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion:162 Resp: 92440
Ion Ratio Lower Upper
162 100
127 34.9 27.4 41.2
164 31.9 26.7 40.1

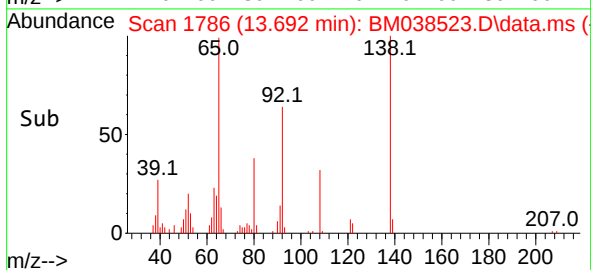
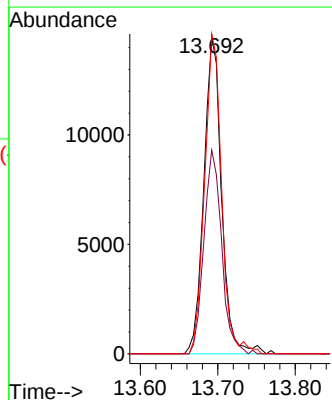
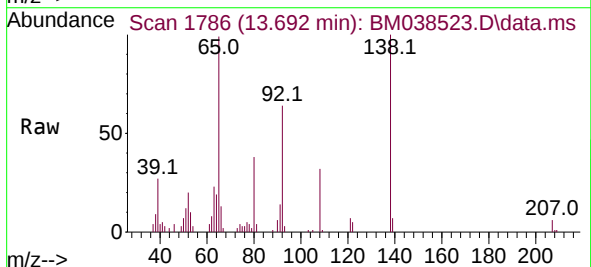
Manual Integrations
APPROVED

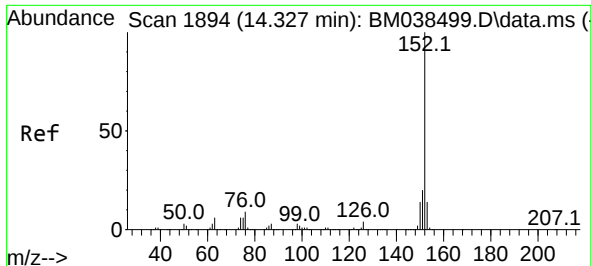
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#48
2-Nitroaniline
Concen: 7.808 ng
RT: 13.692 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

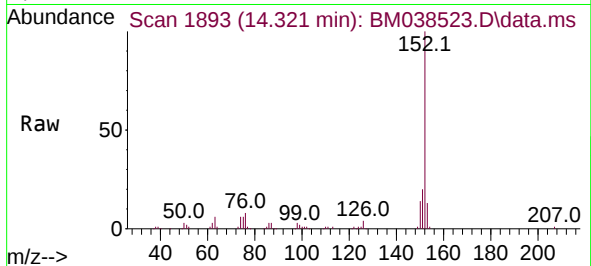
Tgt Ion: 65 Resp: 23031
Ion Ratio Lower Upper
65 100
92 64.3 50.0 75.0
138 101.0 78.2 117.2





#49
Acenaphthylene
Concen: 8.629 ng
RT: 14.321 min Scan# 1893
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

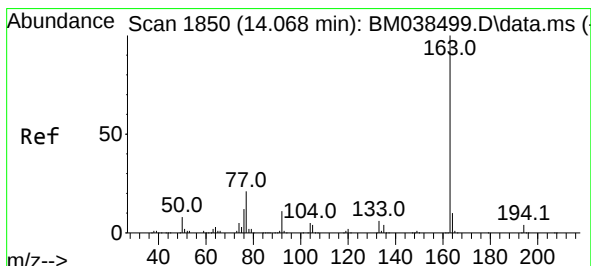
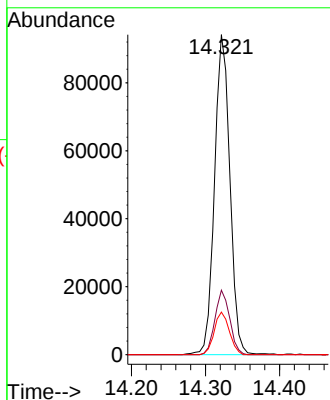
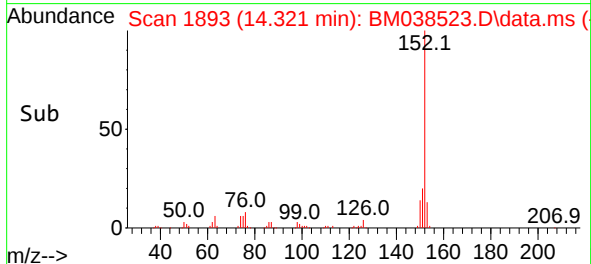
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



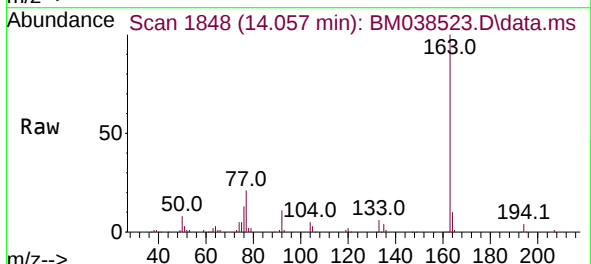
Tgt Ion:152 Resp: 135598
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.3 10.8 16.2

Manual Integrations
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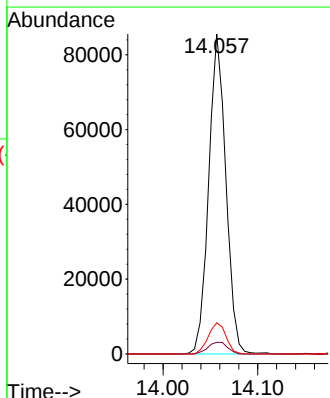
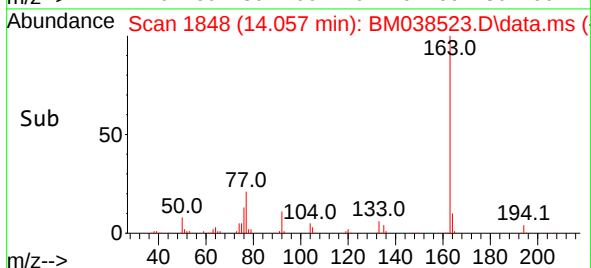
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

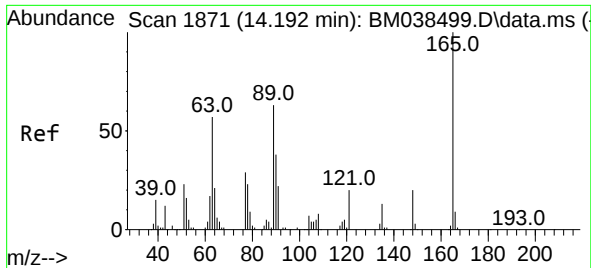


#50
Dimethylphthalate
Concen: 8.721 ng
RT: 14.057 min Scan# 1848
Delta R.T. -0.012 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18



Tgt Ion:163 Resp: 107864
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 9.7 8.0 12.0





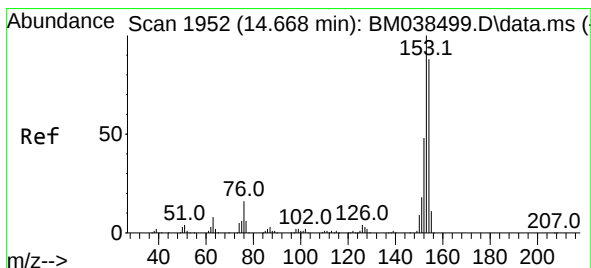
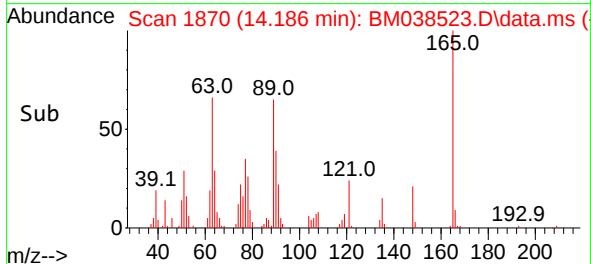
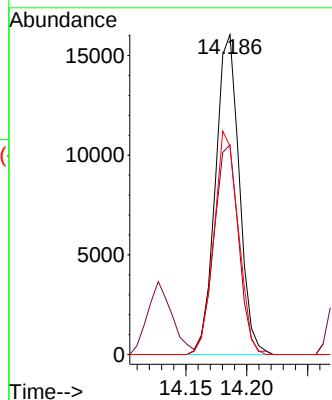
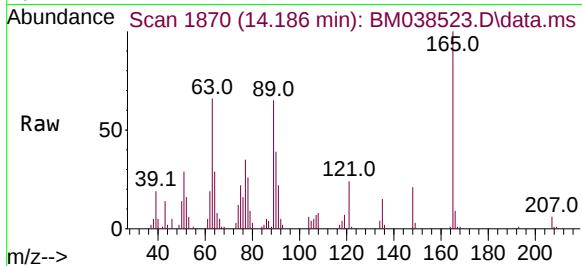
#51
2,6-Dinitrotoluene
Concen: 8.362 ng
RT: 14.186 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion:165 Resp: 21765
Ion Ratio Lower Upper
165 100
63 65.5 51.0 76.4
89 65.1 50.2 75.4

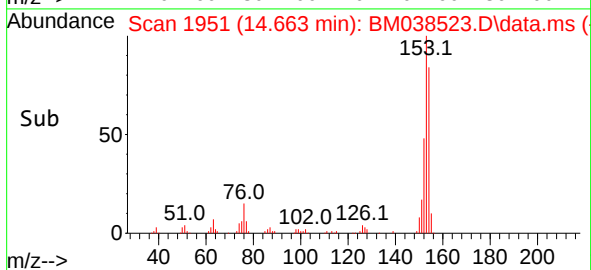
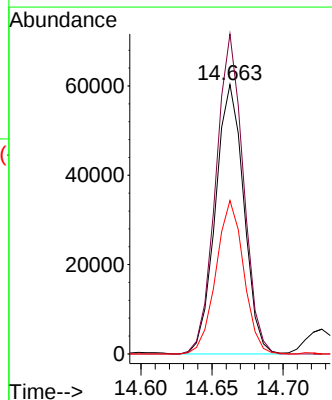
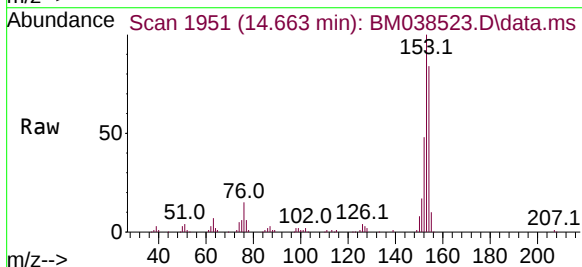
Manual Integrations
APPROVED

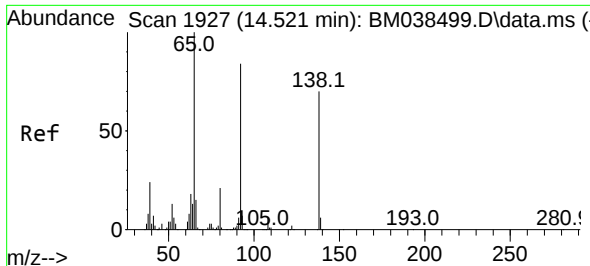
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#52
Acenaphthene
Concen: 8.765 ng
RT: 14.663 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

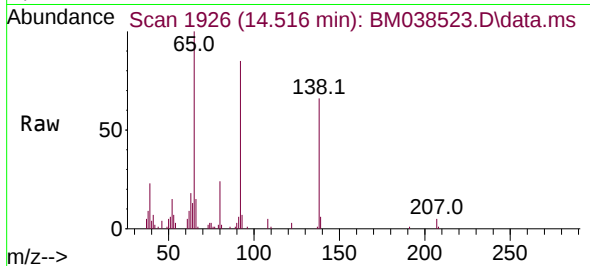
Tgt Ion:154 Resp: 84001
Ion Ratio Lower Upper
154 100
153 118.8 90.7 136.1
152 56.9 43.8 65.8





#53
3-Nitroaniline
Concen: 7.569 ng
RT: 14.516 min Scan# 1926
Delta R.T. -0.005 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

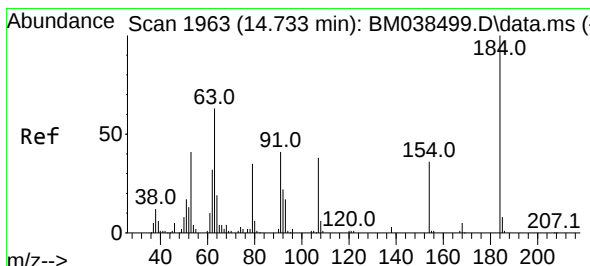
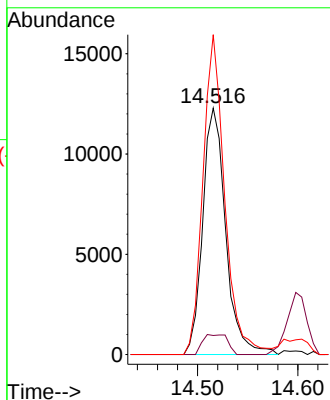
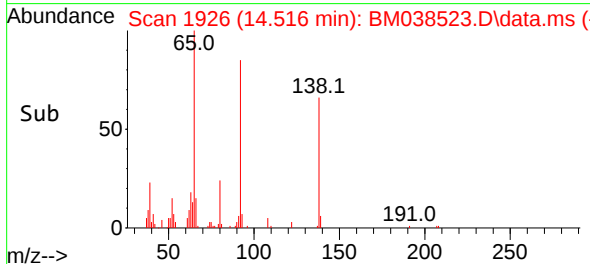
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



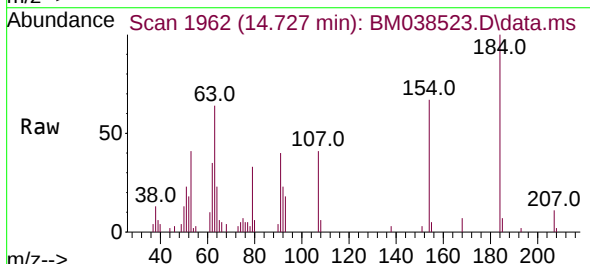
Tgt Ion:138 Resp: 19578
Ion Ratio Lower Upper
138 100
108 7.8 7.0 10.4
92 129.8 95.7 143.5

Manual Integrations
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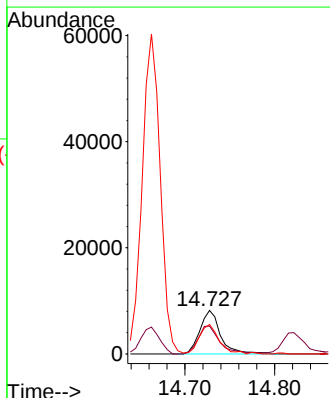
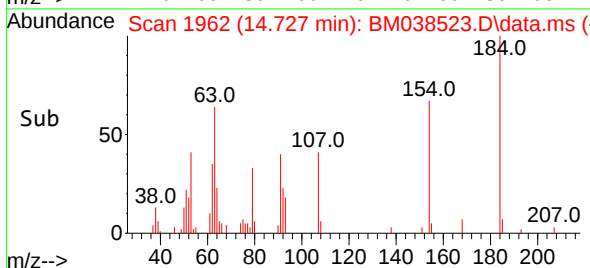
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

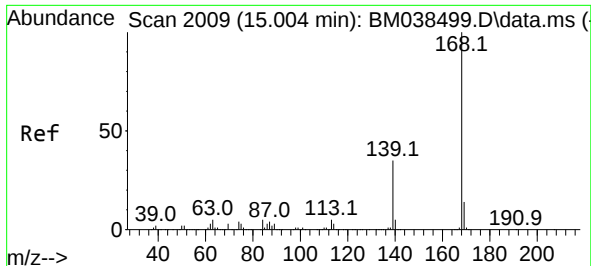


#54
2,4-Dinitrophenol
Concen: 10.875 ng
RT: 14.727 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18



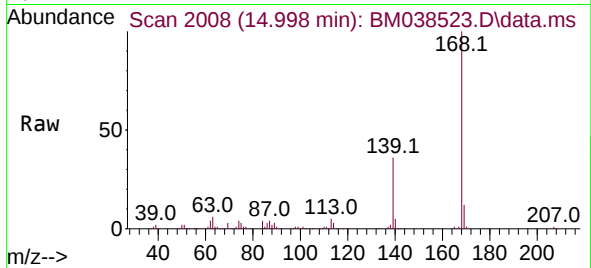
Tgt Ion:184 Resp: 13035
Ion Ratio Lower Upper
184 100
63 64.0 52.2 78.4
154 67.4 48.9 73.3





#55
Dibenzofuran
Concen: 8.938 ng
RT: 14.998 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

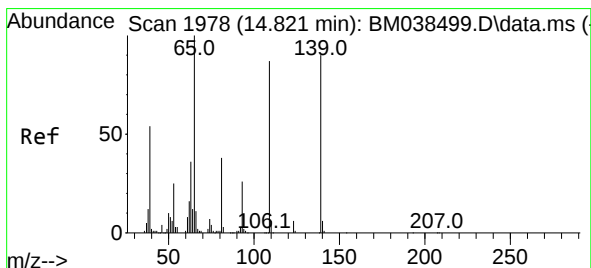
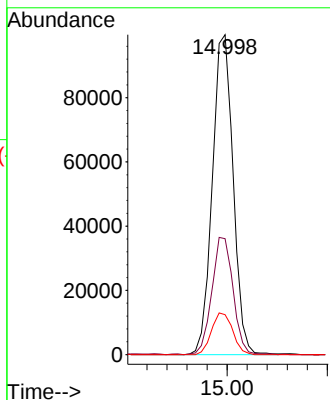
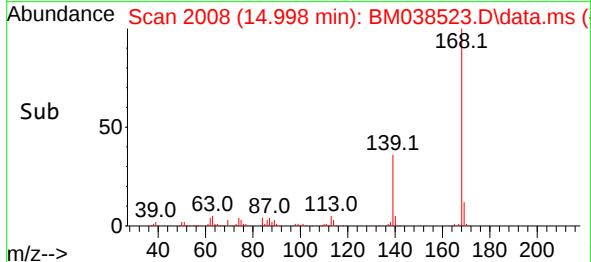
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:168 Resp: 143219
Ion Ratio Lower Upper
168 100
139 36.2 27.9 41.9
169 12.5 11.0 16.6

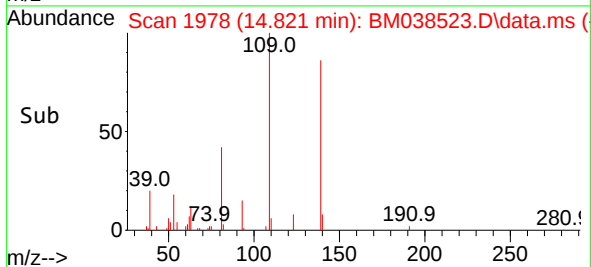
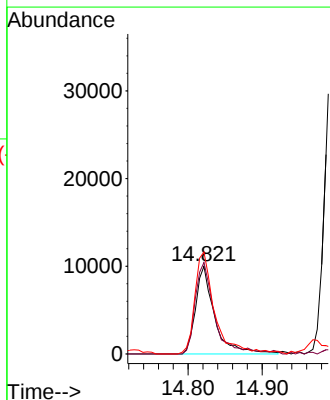
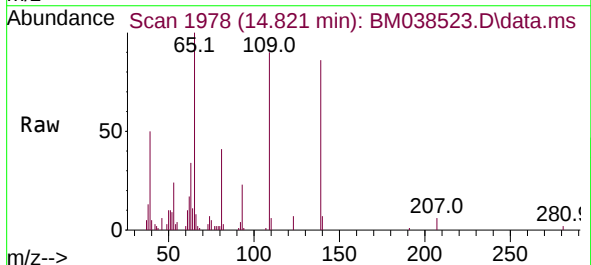
Manual Integrations
APPROVED

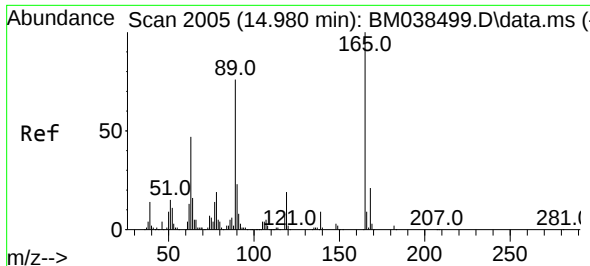
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#56
4-Nitrophenol
Concen: 8.342 ng
RT: 14.821 min Scan# 1978
Delta R.T. 0.000 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

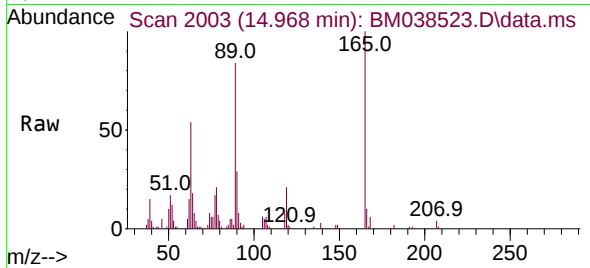
Tgt Ion:139 Resp: 17768
Ion Ratio Lower Upper
139 100
109 104.3 76.8 116.8
65 116.2 91.7 131.7





#57
2,4-Dinitrotoluene
Concen: 8.137 ng
RT: 14.968 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

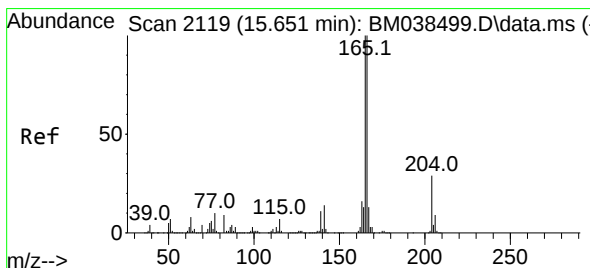
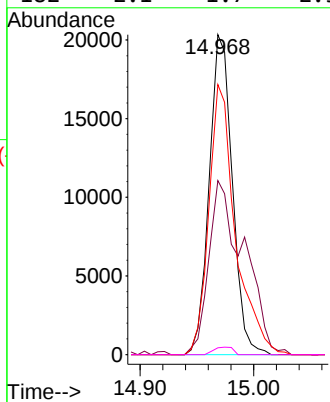
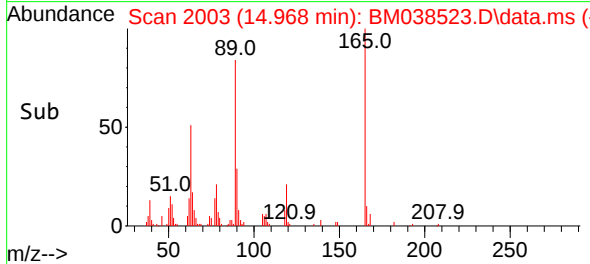
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:165 Resp: 28708
Ion Ratio Lower Upper
165 100
63 54.4 37.8 56.8
89 84.4 60.9 91.3
182 2.1 1.7 2.5

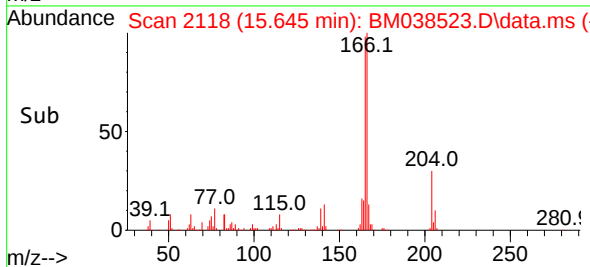
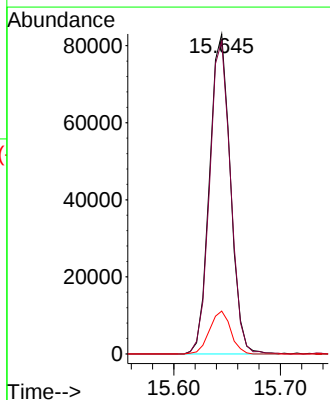
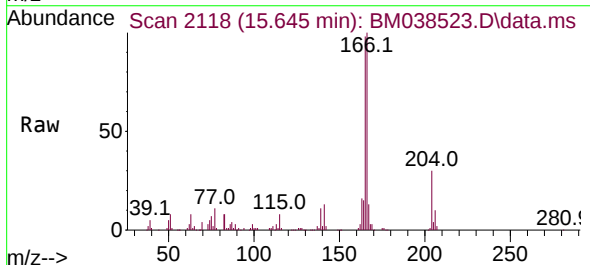
Manual Integrations
APPROVED

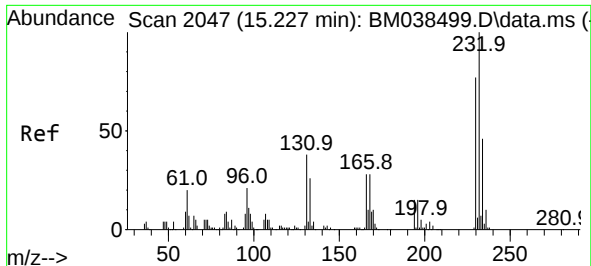
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#58
Fluorene
Concen: 8.696 ng
RT: 15.645 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

Tgt Ion:166 Resp: 112986
Ion Ratio Lower Upper
166 100
165 97.7 79.6 119.4
167 13.4 10.5 15.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 9.067 ng

RT: 15.221 min Scan# 2047

Delta R.T. -0.006 min

Lab File: BM038523.D

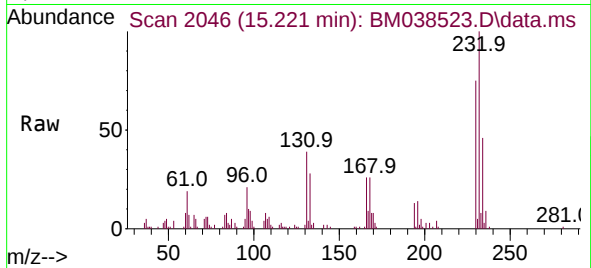
Acq: 24 Jan 2023 13:18

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2022



Tgt Ion:232 Resp: 33584

Ion Ratio Lower Upper

232 100

131 37.3 31.0 46.4

130 2.1 1.8 2.6

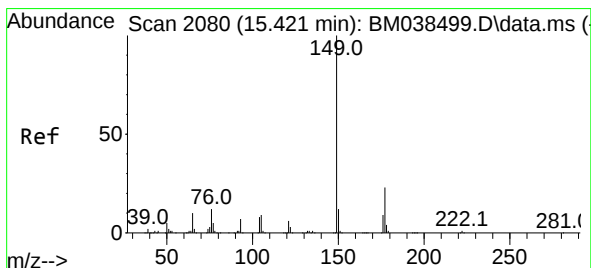
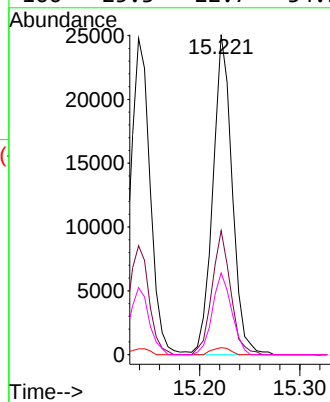
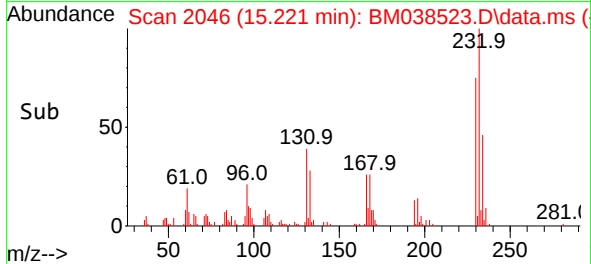
166 25.3 22.7 34.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2023

Supervised By :Jagrut Upadhyay 01/25/2023



#60

Diethylphthalate

Concen: 8.615 ng

RT: 15.410 min Scan# 2078

Delta R.T. -0.012 min

Lab File: BM038523.D

Acq: 24 Jan 2023 13:18

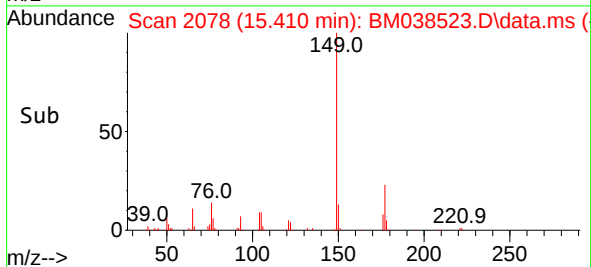
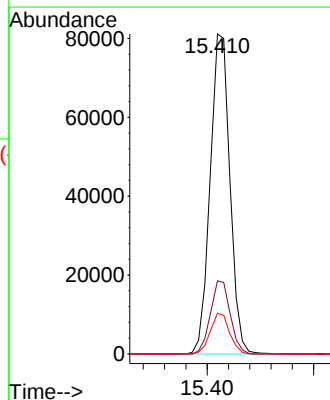
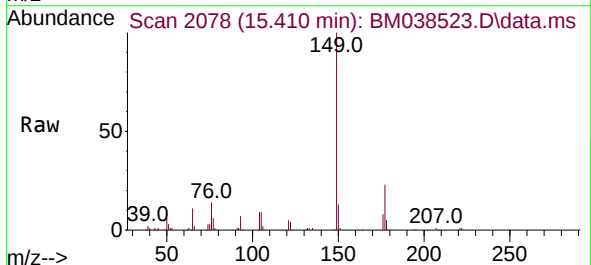
Tgt Ion:149 Resp: 104342

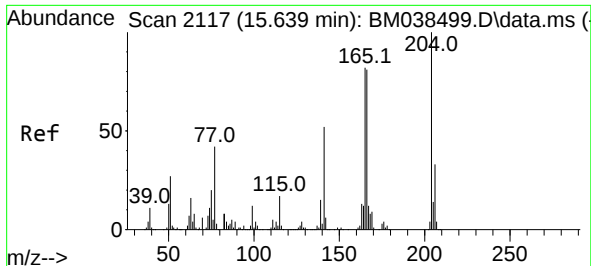
Ion Ratio Lower Upper

149 100

177 22.8 18.6 27.8

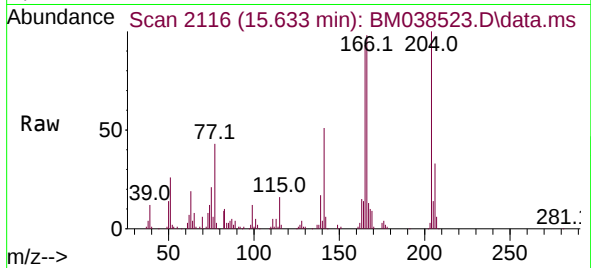
150 12.7 9.5 14.3





#61
4-Chlorophenyl-phenylether
Concen: 8.912 ng
RT: 15.633 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

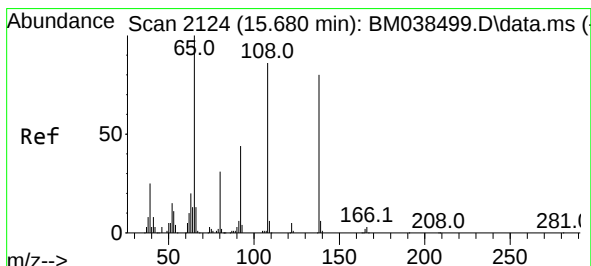
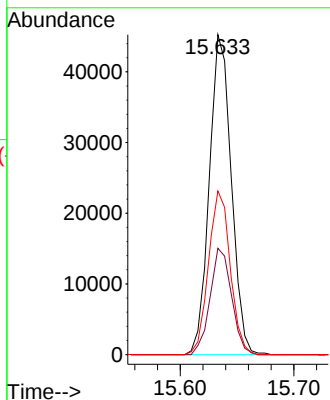
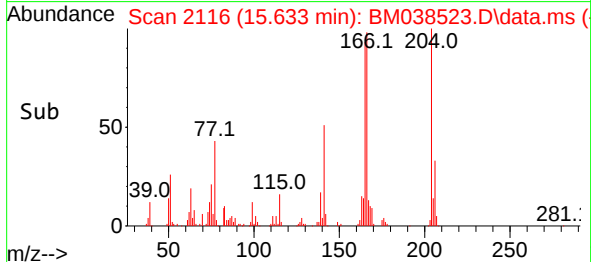
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



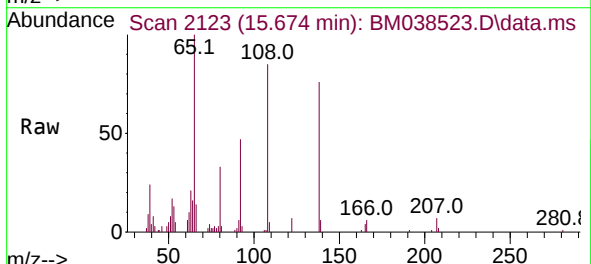
Tgt Ion:204 Resp: 60795
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.4
141 51.1 41.5 62.3

Manual Integrations
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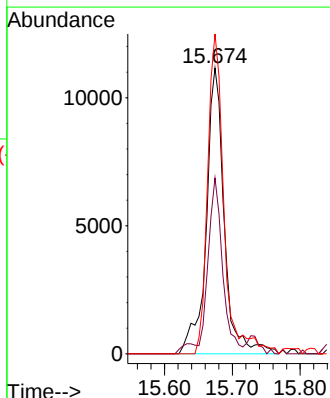
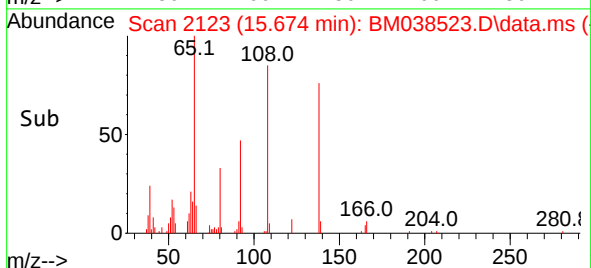
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

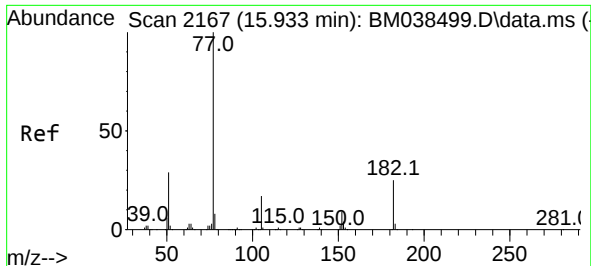


#62
4-Nitroaniline
Concen: 9.841 ng m
RT: 15.674 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18



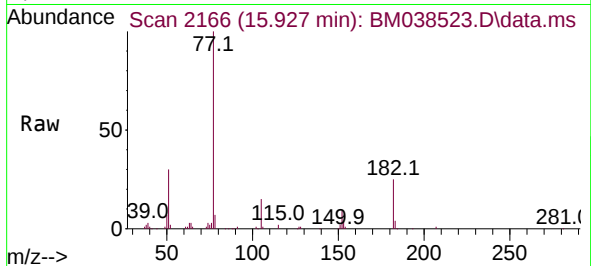
Tgt Ion:138 Resp: 20665
Ion Ratio Lower Upper
138 100
92 61.6 35.2 75.2
108 112.0 87.3 127.3





#63
Azobenzene
Concen: 8.449 ng
RT: 15.927 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

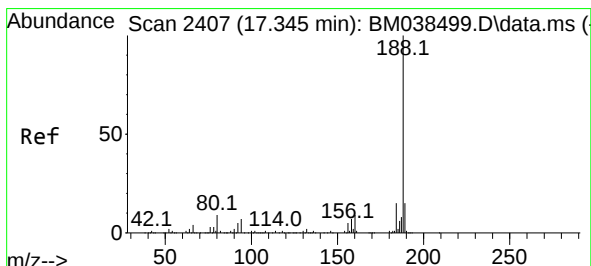
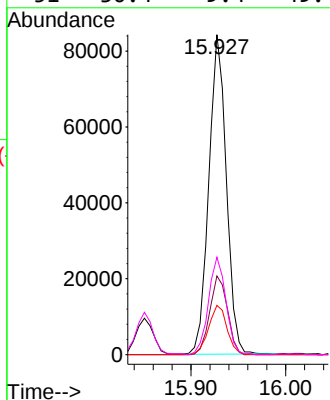
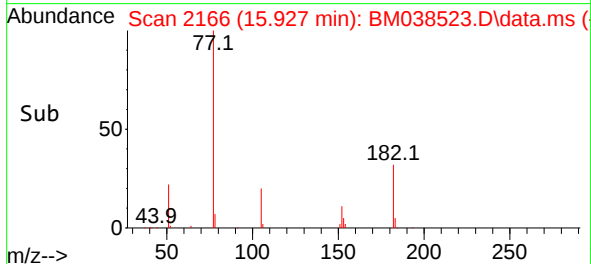
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



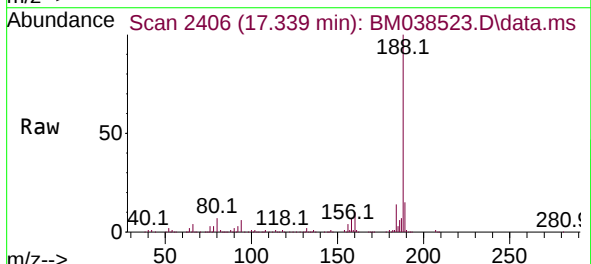
Tgt Ion: 77 Resp: 108417
Ion Ratio Lower Upper
77 100
182 24.6 4.7 44.7
105 15.4 0.0 36.7
51 30.4 9.4 49.4

Manual Integrations
APPROVED

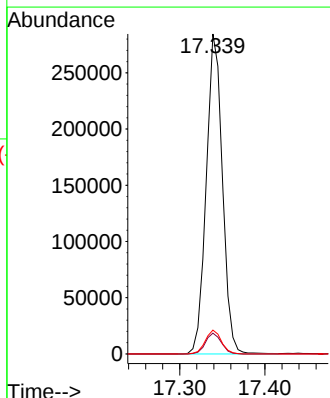
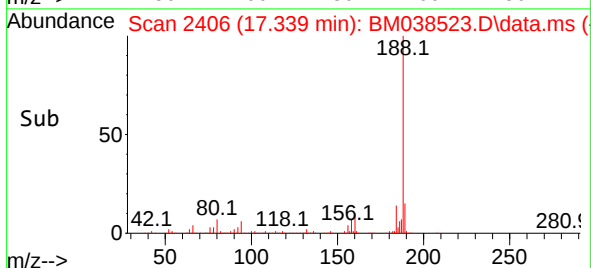
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

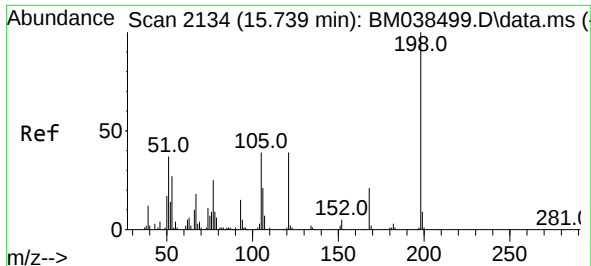


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.339 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18



Tgt Ion:188 Resp: 375065
Ion Ratio Lower Upper
188 100
94 6.5 6.0 9.0
80 7.5 6.9 10.3





#65

4,6-Dinitro-2-methylphenol

Concen: 9.984 ng

RT: 15.733 min Scan# 2133

Delta R.T. -0.006 min

Lab File: BM038523.D

Acq: 24 Jan 2023 13:18

Instrument :

BNA_M

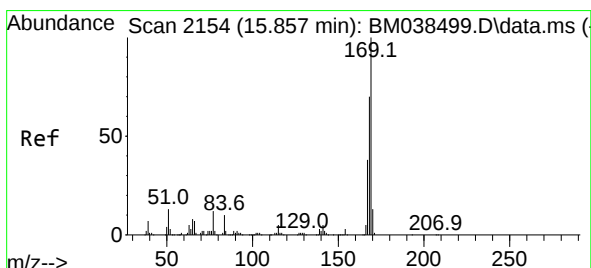
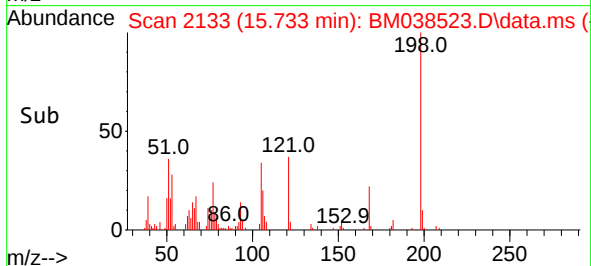
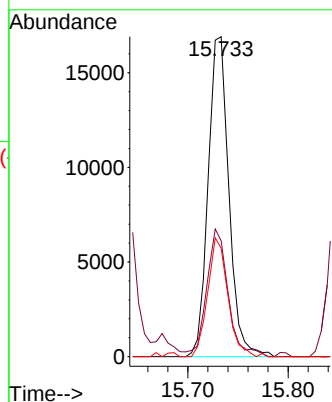
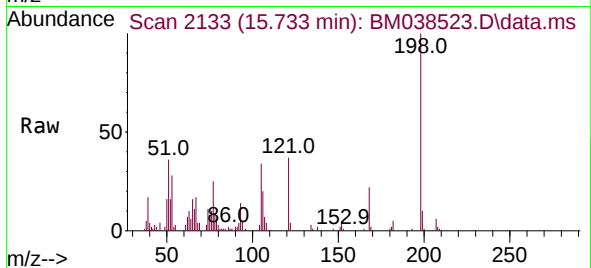
ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion:198	Resp:	2430
Ion Ratio	Lower	Upper
198	100	
51	36.2	18.8 58.8
105	33.9	19.7 59.7

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#66

n-Nitrosodiphenylamine

Concen: 8.462 ng

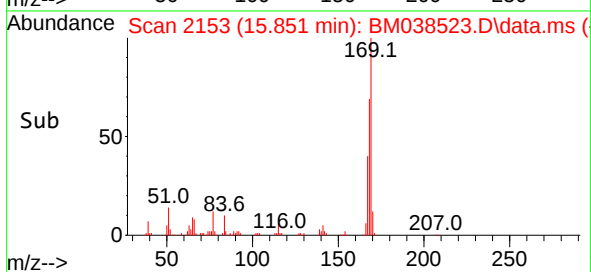
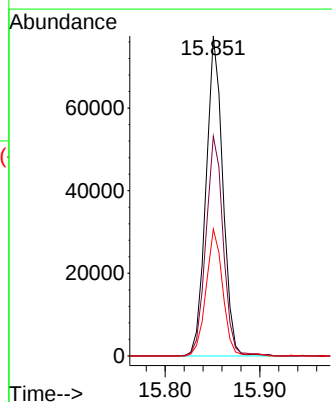
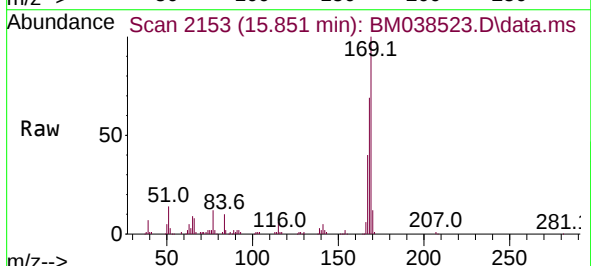
RT: 15.851 min Scan# 2153

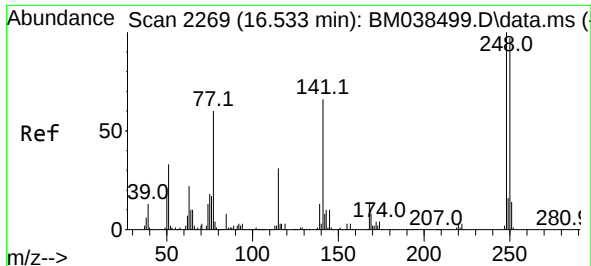
Delta R.T. -0.006 min

Lab File: BM038523.D

Acq: 24 Jan 2023 13:18

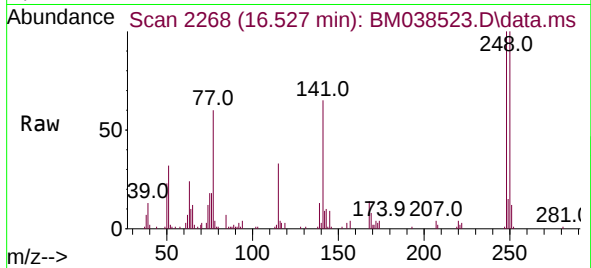
Tgt Ion:169	Resp:	95281
Ion Ratio	Lower	Upper
169	100	
168	68.7	55.8 83.8
167	39.6	30.3 45.5





#67
4-Bromophenyl-phenylether
Concen: 8.898 ng
RT: 16.527 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

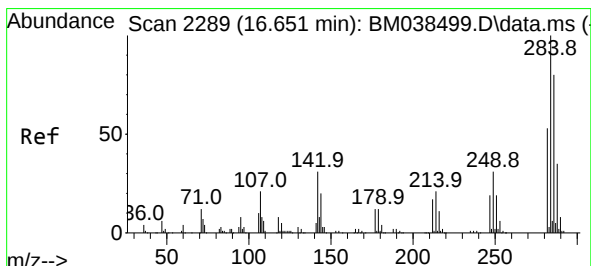
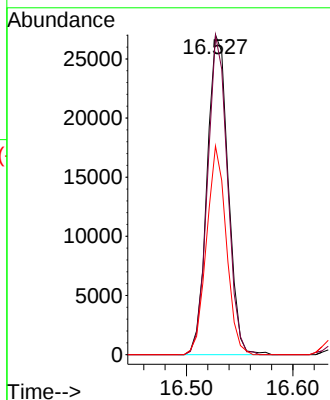
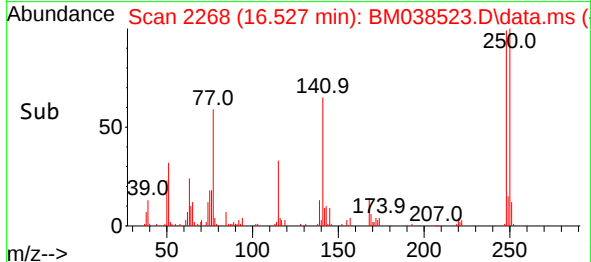
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



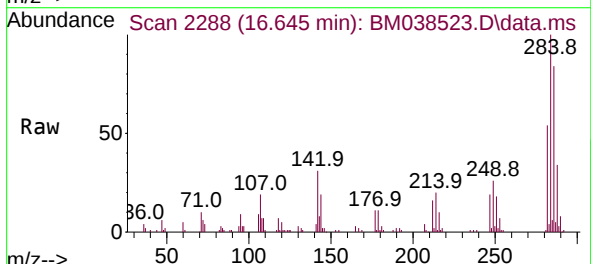
Tgt Ion:248 Resp: 37018
Ion Ratio Lower Upper
248 100
250 99.8 77.6 116.4
141 65.2 52.5 78.7

Manual Integrations
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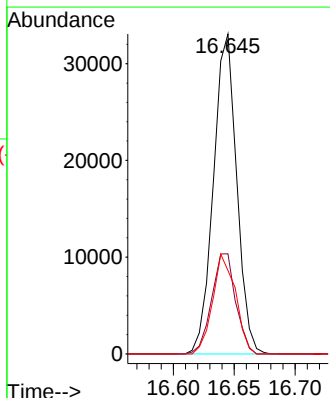
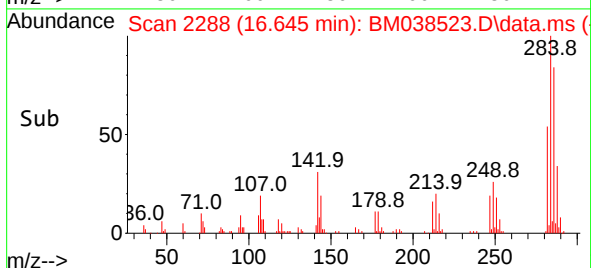
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

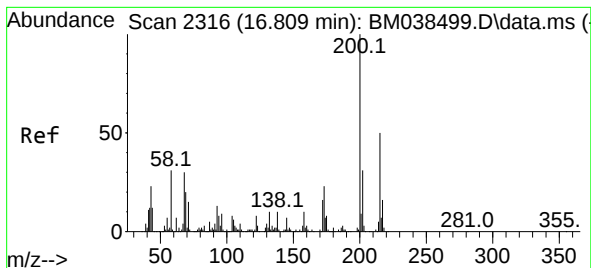


#68
Hexachlorobenzene
Concen: 9.783 ng
RT: 16.645 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18



Tgt Ion:284 Resp: 43917
Ion Ratio Lower Upper
284 100
142 31.3 25.2 37.8
249 26.1 24.4 36.6





#69

Atrazine

Concen: 8.323 ng

RT: 16.798 min Scan# 2314

Delta R.T. -0.012 min

Lab File: BM038523.D

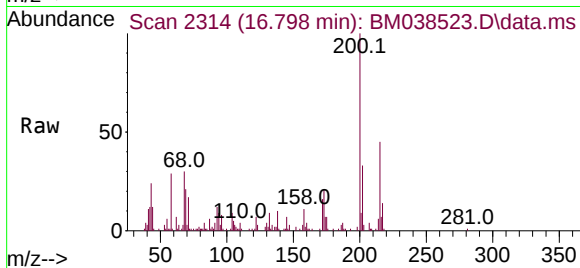
Acq: 24 Jan 2023 13:18

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2022



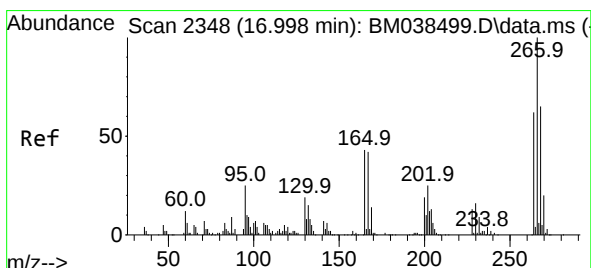
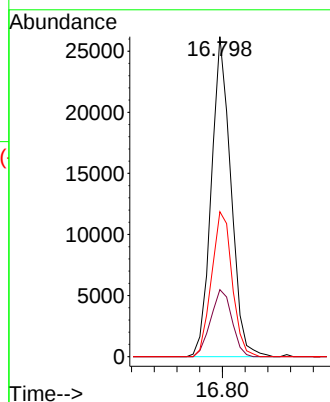
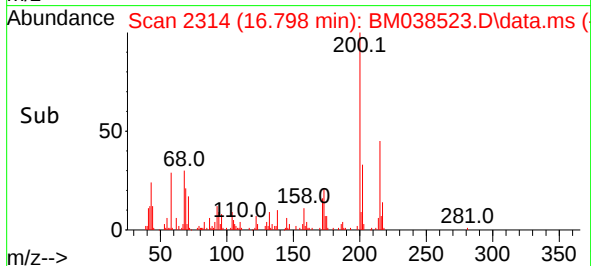
Tgt Ion:200	Resp:	31265
Ion Ratio	Lower	Upper
200	100	
173	20.9	3.5 43.5
215	45.3	30.0 70.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2023

Supervised By :Jagrut Upadhyay 01/25/2023



#70

Pentachlorophenol

Concen: 10.842 ng

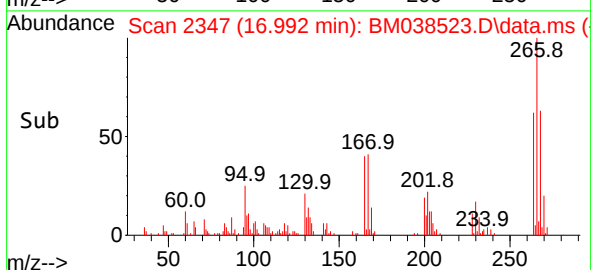
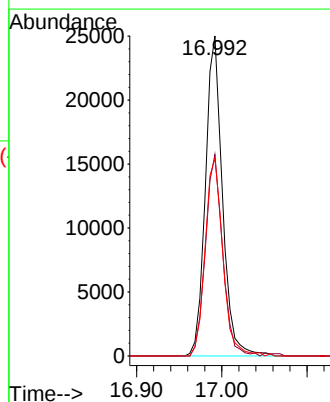
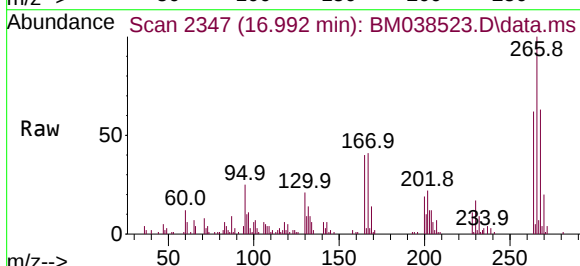
RT: 16.992 min Scan# 2347

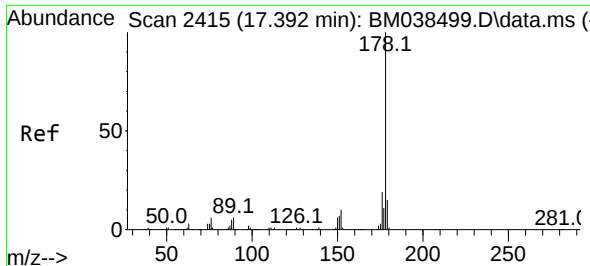
Delta R.T. -0.006 min

Lab File: BM038523.D

Acq: 24 Jan 2023 13:18

Tgt Ion:266	Resp:	34655
Ion Ratio	Lower	Upper
266	100	
268	62.9	51.7 77.5
264	61.8	49.4 74.0





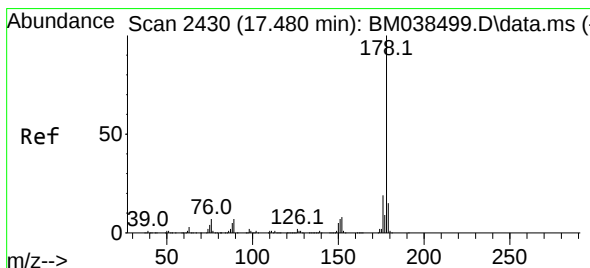
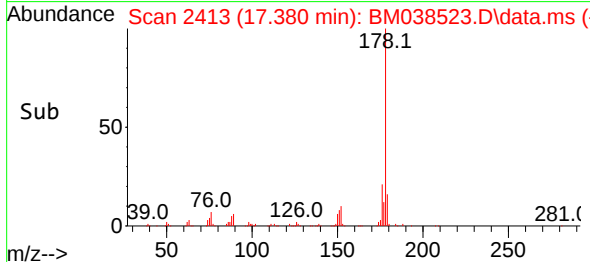
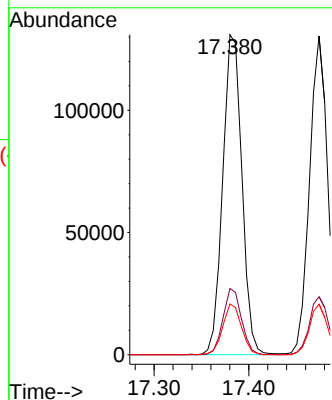
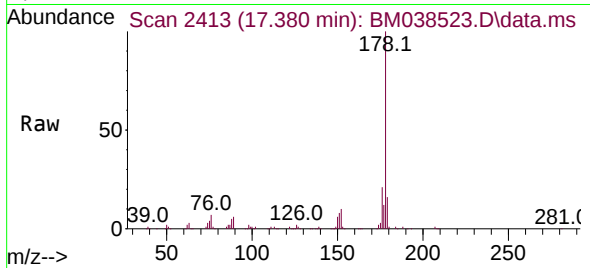
#71
Phenanthrene
Concen: 8.794 ng
RT: 17.380 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion:178 Resp: 184196
Ion Ratio Lower Upper
178 100
176 20.7 15.4 23.2
179 15.8 12.2 18.4

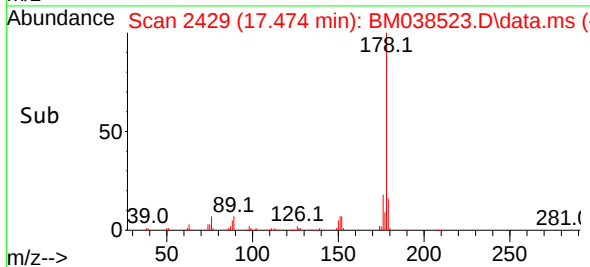
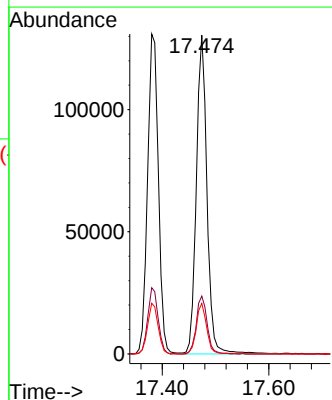
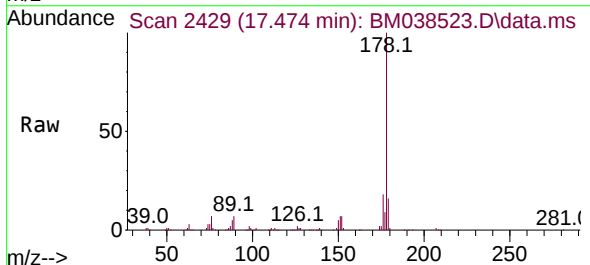
Manual Integrations
APPROVED

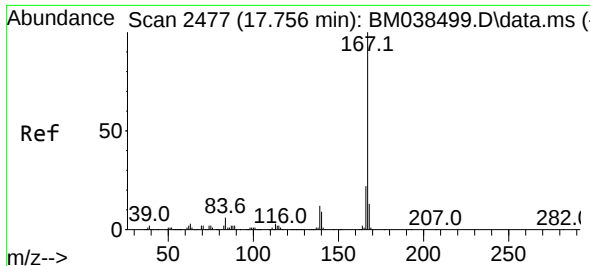
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#72
Anthracene
Concen: 8.517 ng
RT: 17.474 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

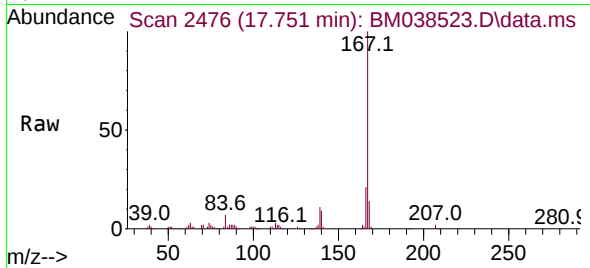
Tgt Ion:178 Resp: 181532
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.6
179 15.8 12.2 18.4





#73
 Carbazole
 Concen: 8.732 ng
 RT: 17.751 min Scan# 2477
 Delta R.T. -0.006 min
 Lab File: BM038523.D
 Acq: 24 Jan 2023 13:18

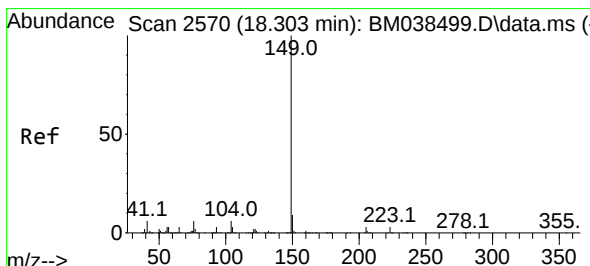
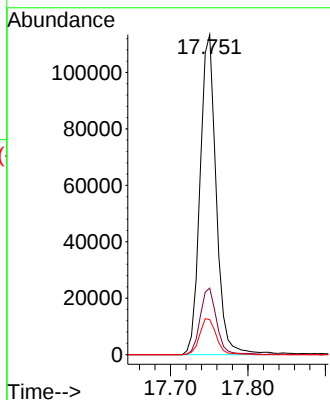
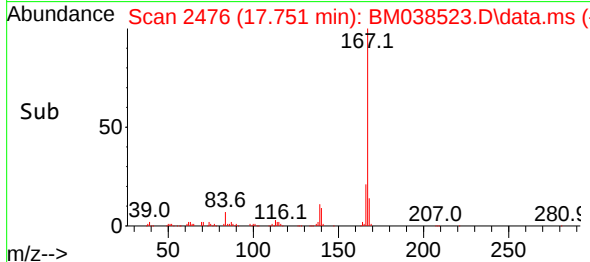
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT4-2022



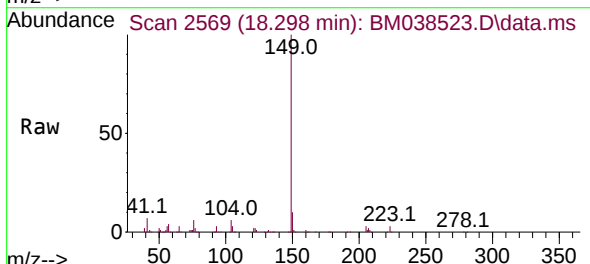
Tgt Ion:167 Resp: 163893
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.7 26.5
 139 10.9 9.4 14.0

Manual Integrations
 APPROVED

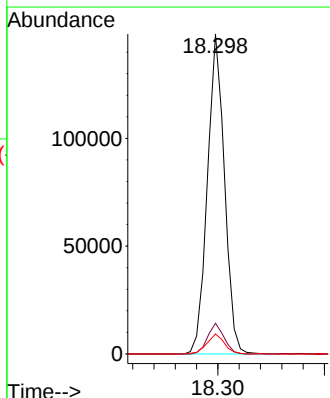
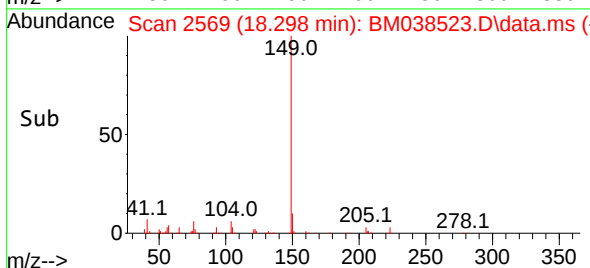
Reviewed By :Christian Giraldo 01/25/2023
 Supervised By :Jagrut Upadhyay 01/25/2023

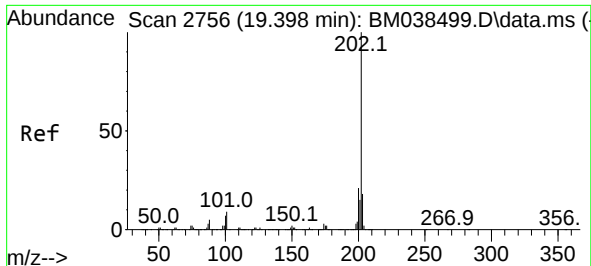


#74
 Di-n-butylphthalate
 Concen: 8.018 ng
 RT: 18.298 min Scan# 2569
 Delta R.T. -0.006 min
 Lab File: BM038523.D
 Acq: 24 Jan 2023 13:18



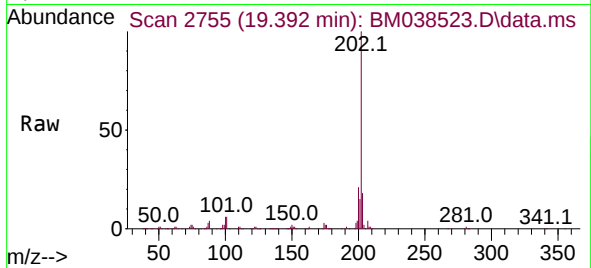
Tgt Ion:149 Resp: 165336
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.0
 104 6.2 4.6 6.8





#75
Fluoranthene
Concen: 8.888 ng
RT: 19.392 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

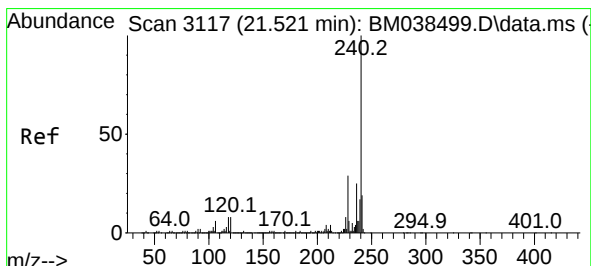
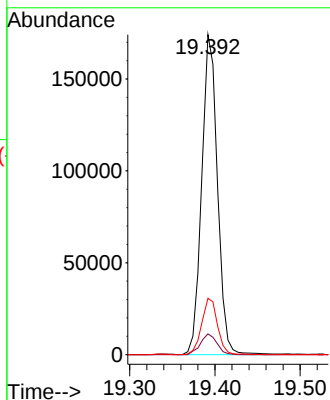
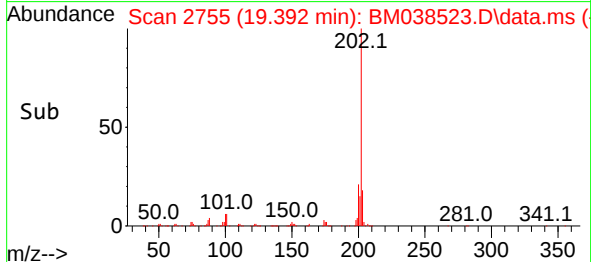
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:202 Resp: 223732
Ion Ratio Lower Upper
202 100
101 6.5 0.0 28.7
203 17.6 0.0 37.6

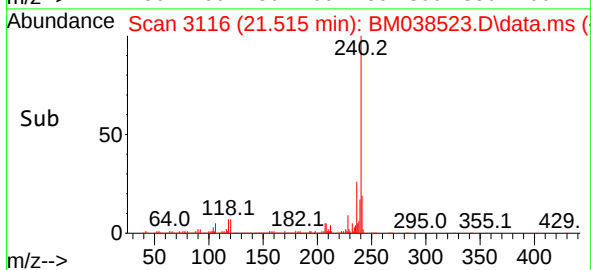
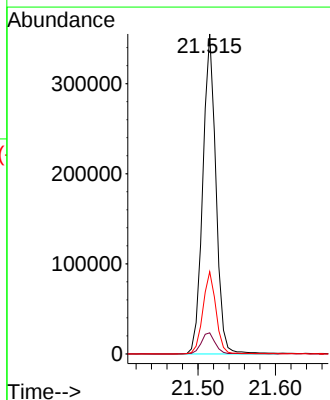
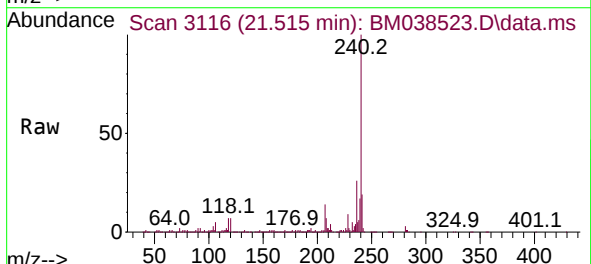
Manual Integrations
APPROVED

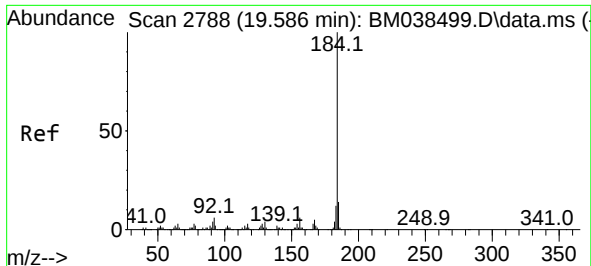
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.515 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

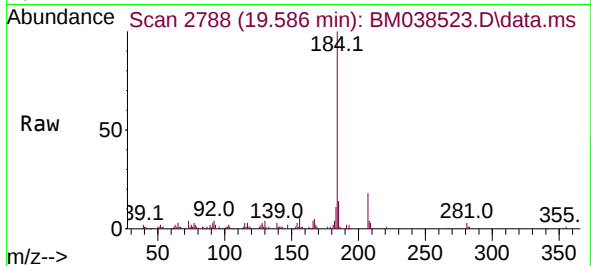
Tgt Ion:240 Resp: 417685
Ion Ratio Lower Upper
240 100
120 6.6 6.2 9.2
236 25.7 20.2 30.2





#77
Benzidine
Concen: 7.707 ng
RT: 19.586 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

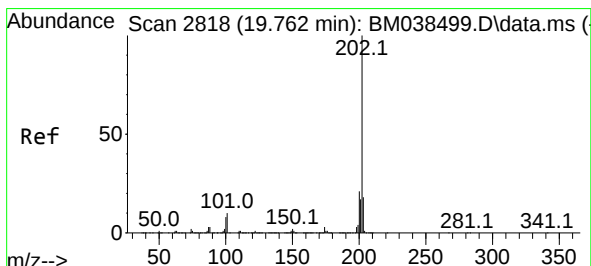
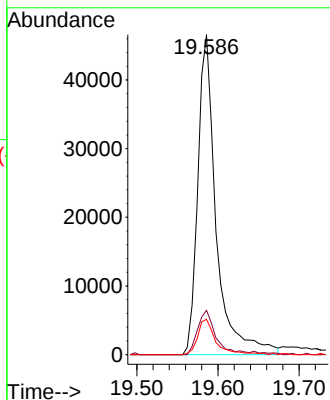
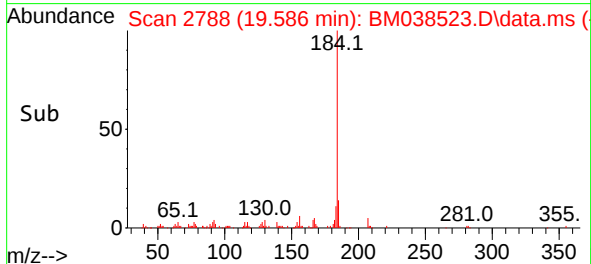
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:184 Resp: 73360
Ion Ratio Lower Upper
184 100
185 13.8 10.9 16.3
183 11.0 9.3 13.9

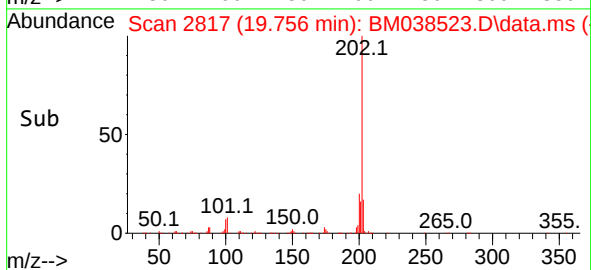
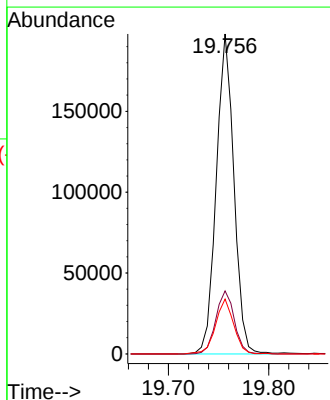
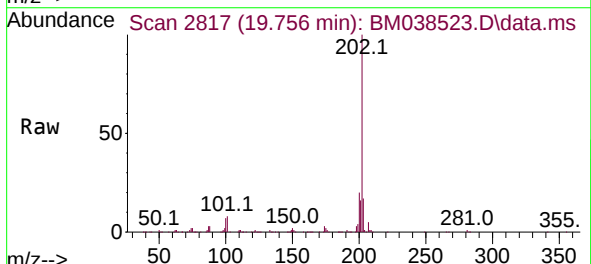
Manual Integrations
APPROVED

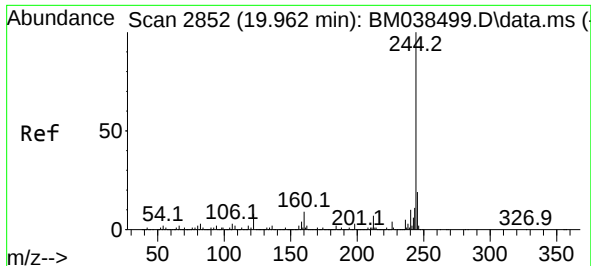
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#78
Pyrene
Concen: 8.326 ng
RT: 19.756 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

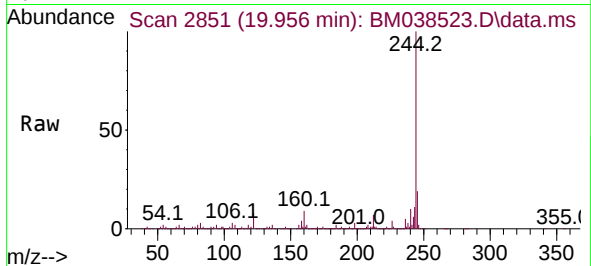
Tgt Ion:202 Resp: 242147
Ion Ratio Lower Upper
202 100
200 19.7 17.0 25.4
203 17.1 14.2 21.2





#79
 Terphenyl-d14
 Concen: 65.206 ng
 RT: 19.956 min Scan# 2851
 Delta R.T. -0.006 min
 Lab File: BM038523.D
 Acq: 24 Jan 2023 13:18

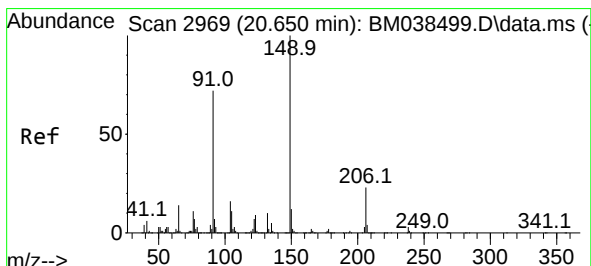
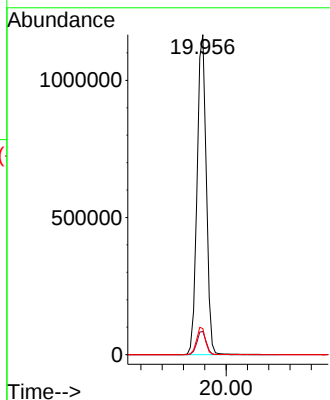
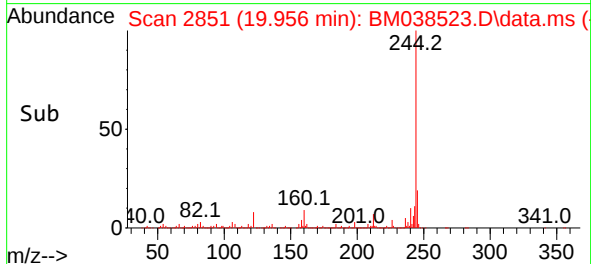
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT4-2022



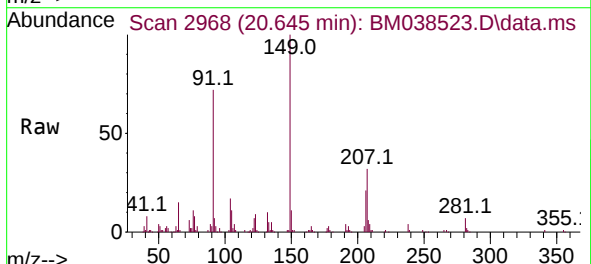
Tgt Ion:244 Resp: 1397036
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 8.1 6.7 10.1

Manual Integrations
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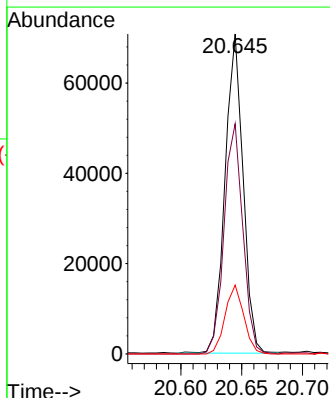
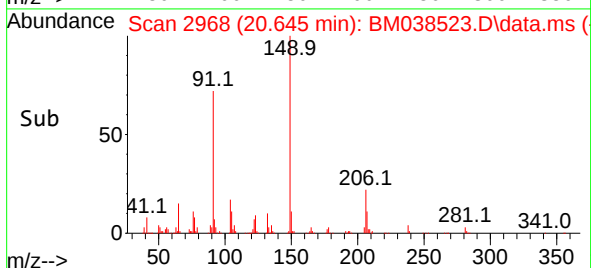
Reviewed By :Christian Giraldo 01/25/2023
 Supervised By :Jagrut Upadhyay 01/25/2023

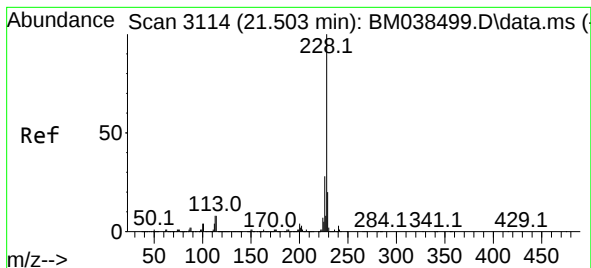


#80
 Butylbenzylphthalate
 Concen: 7.273 ng
 RT: 20.645 min Scan# 2968
 Delta R.T. -0.006 min
 Lab File: BM038523.D
 Acq: 24 Jan 2023 13:18



Tgt Ion:149 Resp: 73144
 Ion Ratio Lower Upper
 149 100
 91 71.9 57.5 86.3
 206 21.5 18.2 27.2





#81

Benzo(a)anthracene

Concen: 8.789 ng

RT: 21.497 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM038523.D

Acq: 24 Jan 2023 13:18

Instrument :

BNA_M

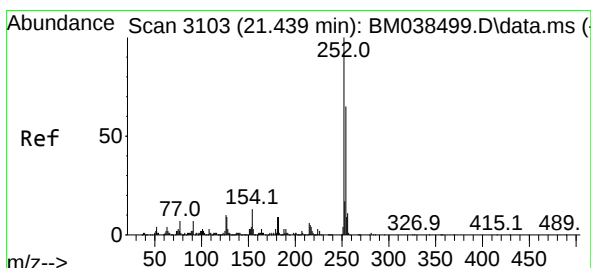
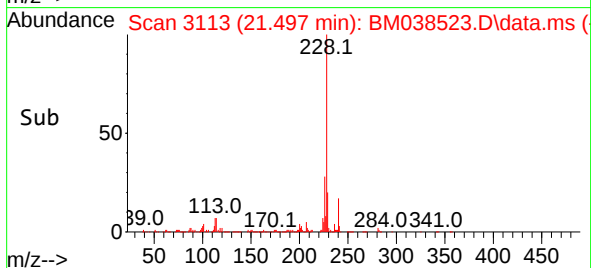
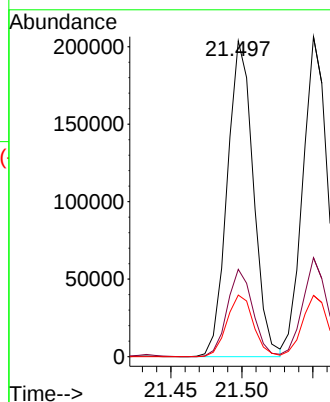
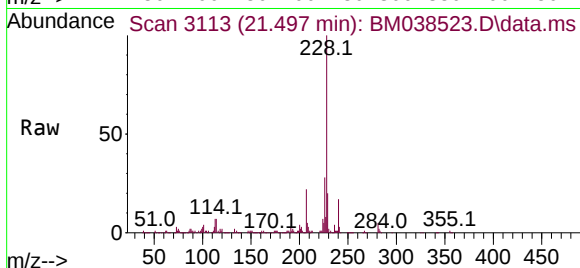
ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion:228 Resp: 260135
 Ion Ratio Lower Upper
 228 100
 226 27.6 22.2 33.2
 229 19.5 16.0 24.0

Manual Integrations
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Reviewed By :Christian Giraldo 01/25/2023
 Supervised By :Jagrut Upadhyay 01/25/2023



#82

3,3'-Dichlorobenzidine

Concen: 8.781 ng

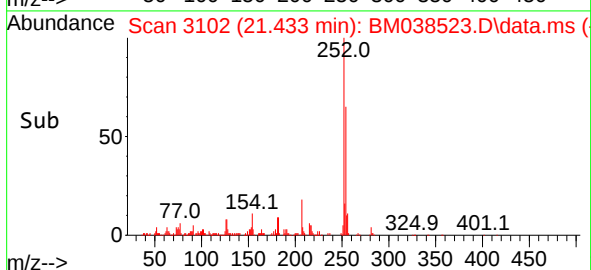
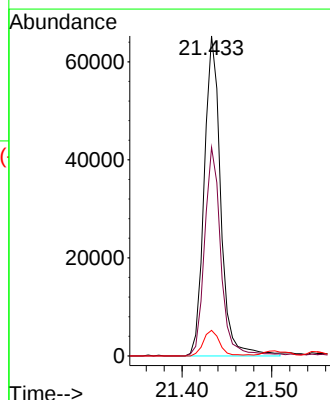
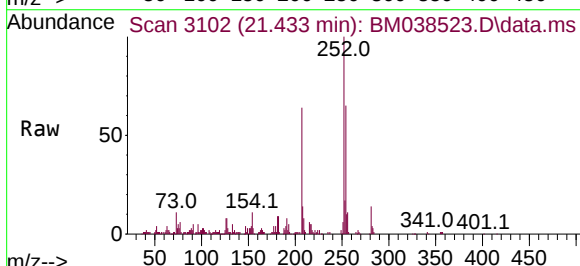
RT: 21.433 min Scan# 3102

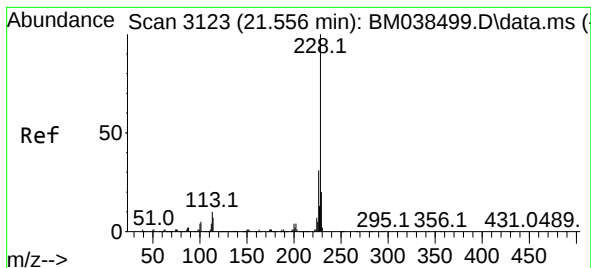
Delta R.T. -0.006 min

Lab File: BM038523.D

Acq: 24 Jan 2023 13:18

Tgt Ion:252 Resp: 83479
 Ion Ratio Lower Upper
 252 100
 254 65.2 51.9 77.9
 126 8.0 7.7 11.5





#83

Chrysene

Concen: 8.829 ng

RT: 21.550 min Scan# 3123

Delta R.T. -0.006 min

Lab File: BM038523.D

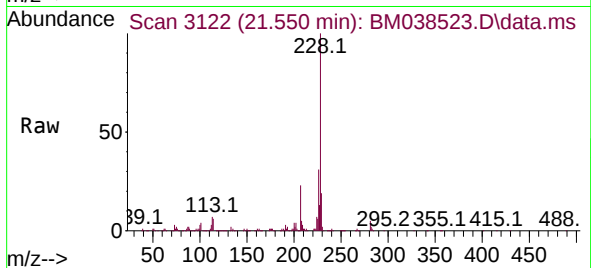
Acq: 24 Jan 2023 13:18

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2022



Tgt Ion:228 Resp: 255549

Ion Ratio Lower Upper

228 100

226 30.9 24.4 36.6

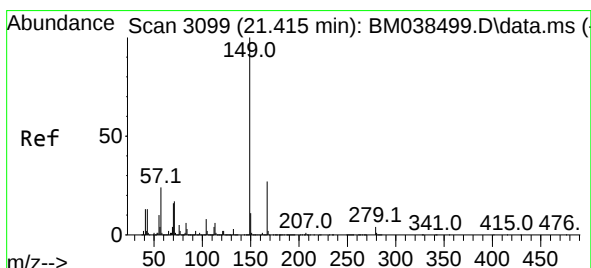
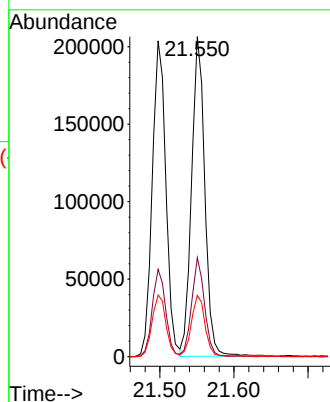
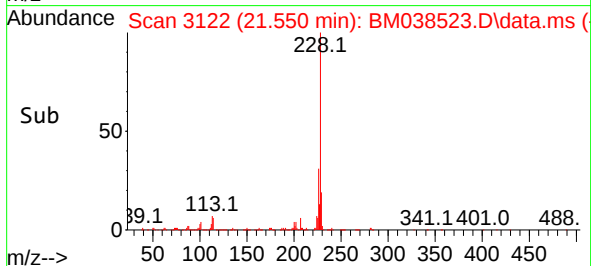
229 19.1 15.7 23.5

Manual Integrations

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Reviewed By :Christian Giraldo 01/25/2023

Supervised By :Jagrut Upadhyay 01/25/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.307 ng

RT: 21.409 min Scan# 3098

Delta R.T. -0.006 min

Lab File: BM038523.D

Acq: 24 Jan 2023 13:18

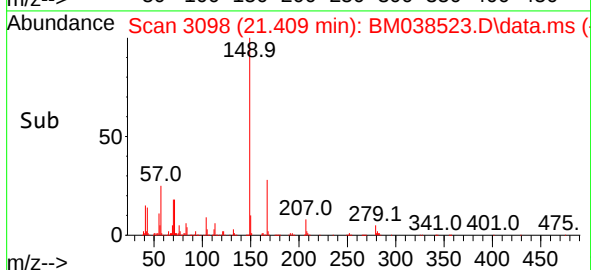
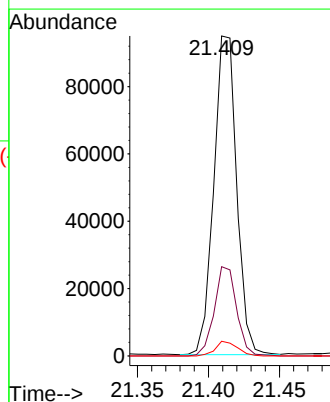
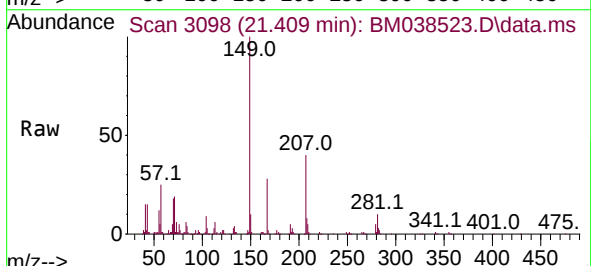
Tgt Ion:149 Resp: 106506

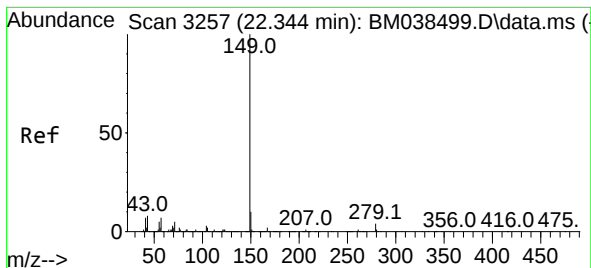
Ion Ratio Lower Upper

149 100

167 27.9 21.3 31.9

279 4.6 3.0 4.4#





#85

Di-n-octyl phthalate

Concen: 7.357 ng

RT: 22.339 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM038523.D

Acq: 24 Jan 2023 13:18

Instrument :

BNA_M

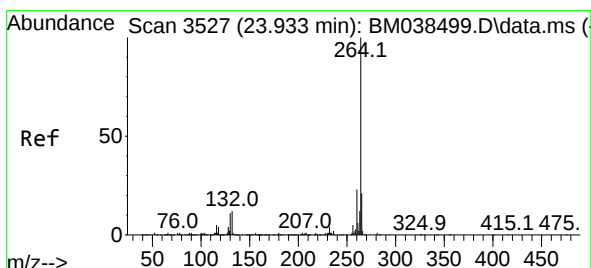
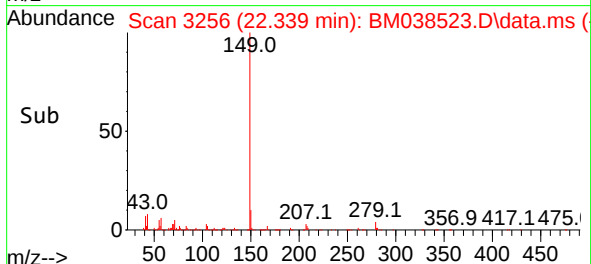
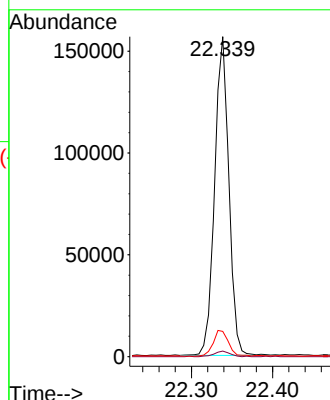
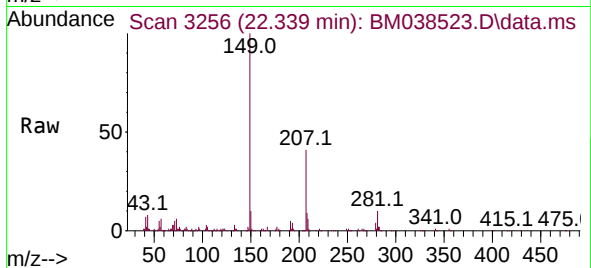
ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion:	149	Resp:	190662
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.3	1.9
43	8.6	6.7	10.1

Manual Integrations
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Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#86

Perylene-d12

Concen: 20.000 ng

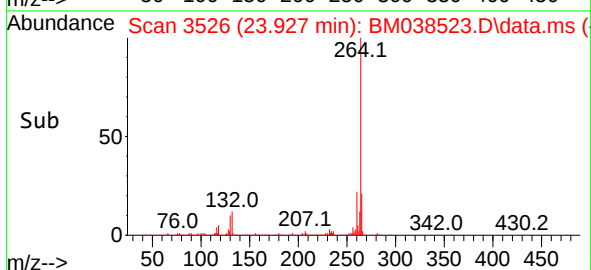
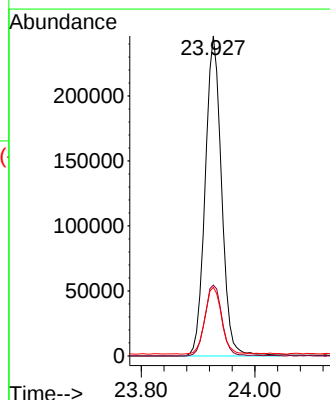
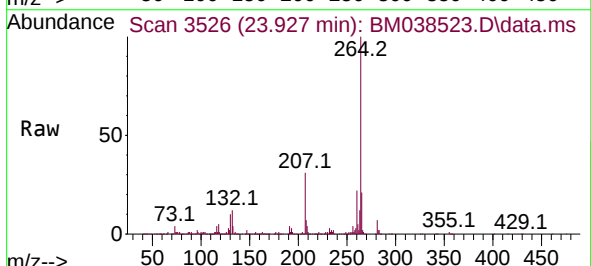
RT: 23.927 min Scan# 3526

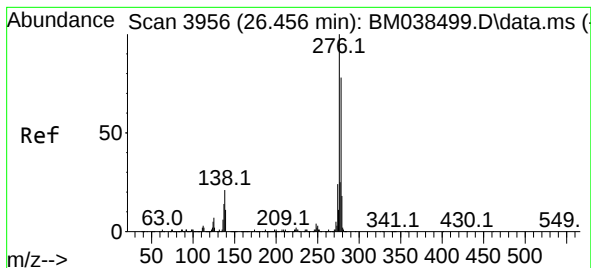
Delta R.T. -0.006 min

Lab File: BM038523.D

Acq: 24 Jan 2023 13:18

Tgt Ion:	264	Resp:	491930
Ion Ratio	Lower	Upper	
264	100		
260	22.1	18.5	27.7
265	21.4	17.8	26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.813 ng

RT: 26.438 min Scan# 3956

Delta R.T. -0.018 min

Lab File: BM038523.D

Acq: 24 Jan 2023 13:18

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2022

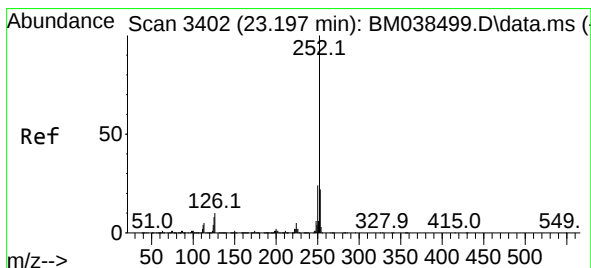
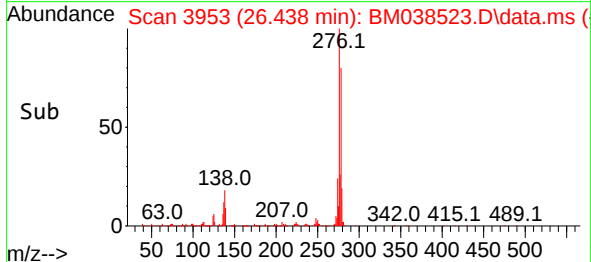
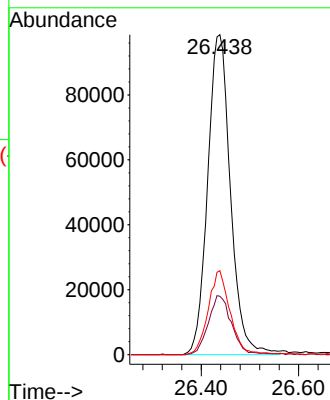
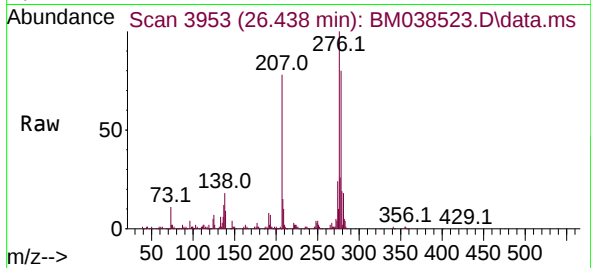
Tgt Ion:	276	Resp:	32081
Ion Ratio	Lower	Upper	
276	100		
138	18.7	15.8	23.8
277	24.9	20.1	30.1

Manual Integrations

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Reviewed By :Christian Giraldo 01/25/2023

Supervised By :Jagrut Upadhyay 01/25/2023



#88

Benzo(b)fluoranthene

Concen: 9.863 ng

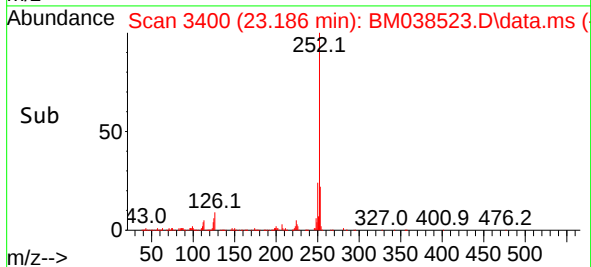
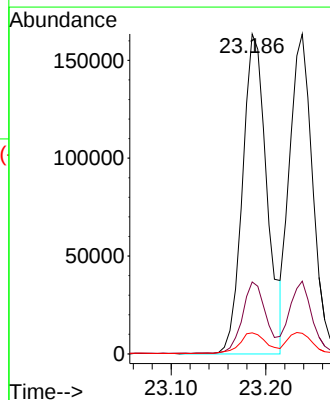
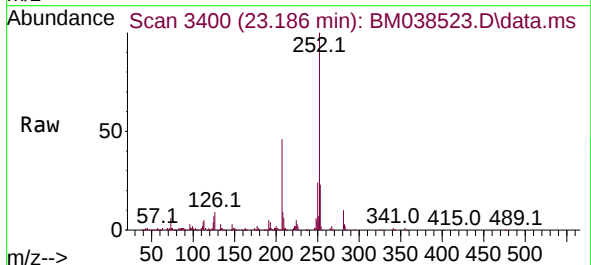
RT: 23.186 min Scan# 3400

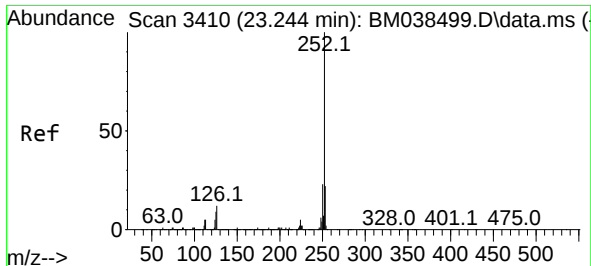
Delta R.T. -0.012 min

Lab File: BM038523.D

Acq: 24 Jan 2023 13:18

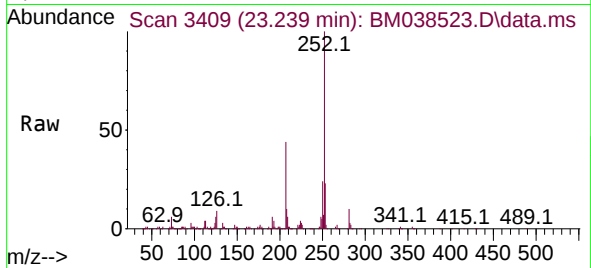
Tgt Ion:	252	Resp:	292687
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.4	26.0
125	6.6	6.4	9.6





#89
Benzo(k)fluoranthene
Concen: 9.030 ng
RT: 23.239 min Scan# 3410
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

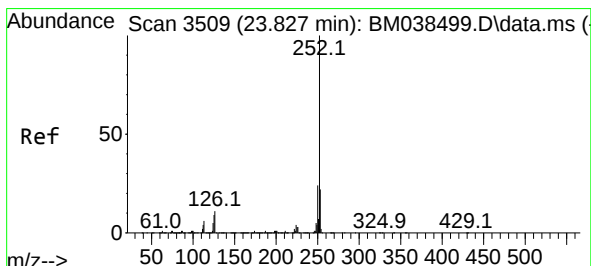
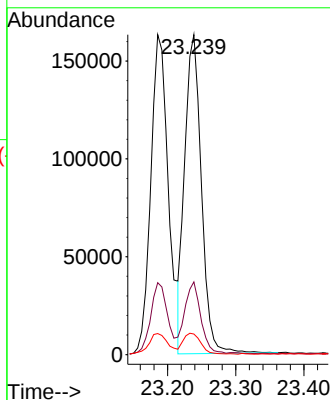
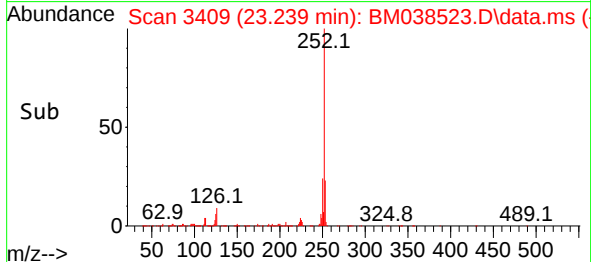
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:252 Resp: 277285
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 6.4 6.8 10.2

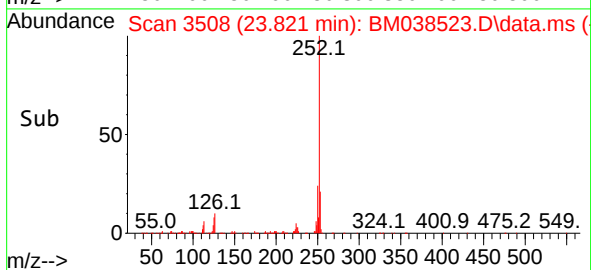
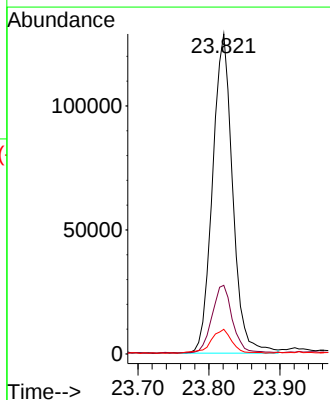
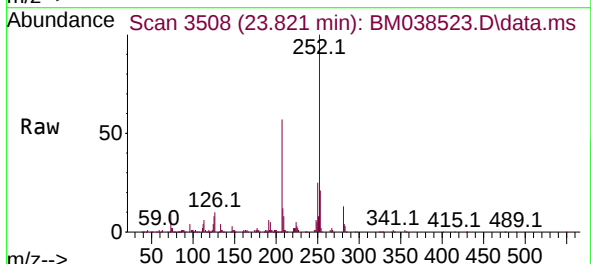
Manual Integrations
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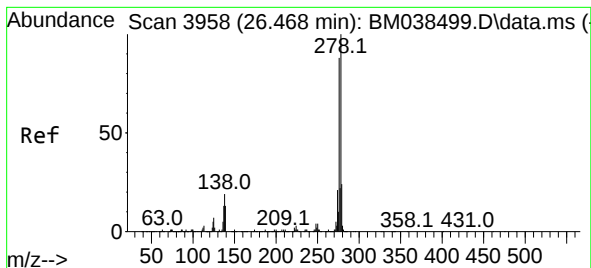
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#90
Benzo(a)pyrene
Concen: 8.615 ng
RT: 23.821 min Scan# 3508
Delta R.T. -0.006 min
Lab File: BM038523.D
Acq: 24 Jan 2023 13:18

Tgt Ion:252 Resp: 253448
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 7.7 7.3 10.9





#91

Dibenzo(a,h)anthracene

Concen: 9.277 ng

RT: 26.450 min Scan# 3958

Delta R.T. -0.018 min

Lab File: BM038523.D

Acq: 24 Jan 2023 13:18

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2022

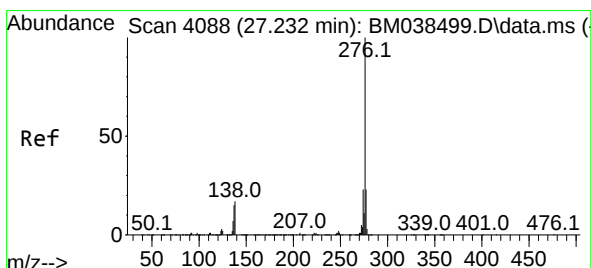
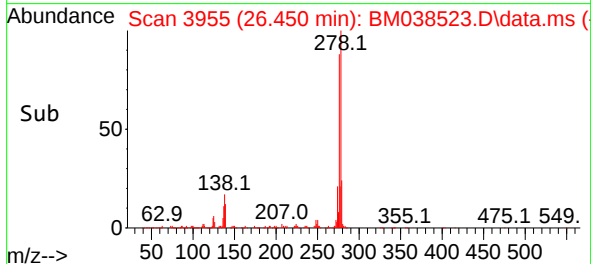
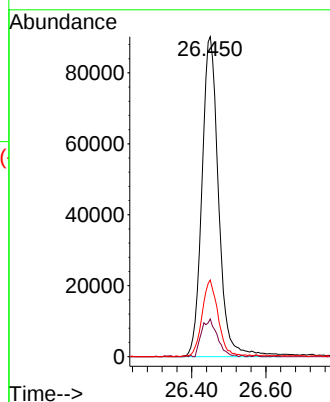
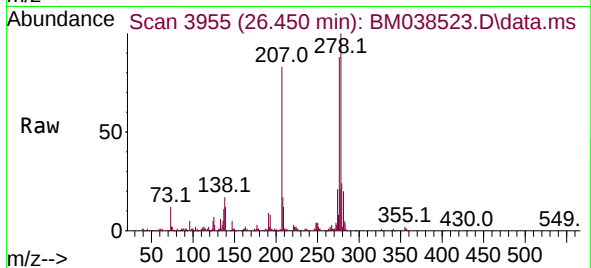
Tgt Ion:	278	Resp:	281095
Ion Ratio	Lower	Upper	
278	100		
139	11.8	10.3	15.5
279	23.9	19.3	28.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2023

Supervised By :Jagrut Upadhyay 01/25/2023



#92

Benzo(g,h,i)perylene

Concen: 9.184 ng

RT: 27.215 min Scan# 4085

Delta R.T. -0.018 min

Lab File: BM038523.D

Acq: 24 Jan 2023 13:18

Tgt Ion:	276	Resp:	285050
Ion Ratio	Lower	Upper	
276	100		
277	22.5	18.8	28.2
138	14.8	13.8	20.8

