

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012323\
 Data File : BM038508.D
 Acq On : 23 Jan 2023 13:16
 Operator : CG/JU
 Sample : N4955-08
 Misc : LOQ-WATER 5ppm
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Jan 24 05:11:56 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

01/24/2023

Supervised By :Jagrut
 Upadhyay

01/24/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	59551	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	188705	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	120137	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	275592	20.000	ng	# 0.00
76) Chrysene-d12	21.521	240	304650	20.000	ng	0.00
86) Perylene-d12	23.933	264	401687	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	324918	90.197	ng	0.00
7) Phenol-d6	7.128	99	499722	108.727	ng	0.00
23) Nitrobenzene-d5	9.139	82	319990	73.637	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	227544	131.528	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	714511	73.262	ng	0.00
79) Terphenyl-d14	19.956	244	1157339	74.060	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.375	88	7604	4.500	ng	95
3) Pyridine	3.810	79	16747m	3.774	ng	
4) n-Nitrosodimethylamine	3.710	42	9611	4.562	ng	# 83
6) Aniline	7.292	93	24375	4.273	ng	# 96
8) 2-Chlorophenol	7.522	128	18292	4.971	ng	91
9) Benzaldehyde	7.110	77	17559m	6.441	ng	
10) Phenol	7.157	94	22619	4.925	ng	87
11) bis(2-Chloroethyl)ether	7.387	93	17914	4.944	ng	95
12) 1,3-Dichlorobenzene	7.851	146	20770	4.965	ng	95
13) 1,4-Dichlorobenzene	7.998	146	21318	5.043	ng	97
14) 1,2-Dichlorobenzene	8.316	146	20263	4.949	ng	94
15) Benzyl Alcohol	8.210	79	16330	4.752	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.487	45	17302	4.547	ng	94
17) 2-Methylphenol	8.416	107	12656	3.893	ng	94
18) Hexachloroethane	9.045	117	7794	4.960	ng	94
19) n-Nitroso-di-n-propyla...	8.775	70	13352	4.100	ng	# 94
20) 3+4-Methylphenols	8.739	107	17107	3.927	ng	93
22) Acetophenone	8.798	105	24735	4.758	ng	# 99
24) Nitrobenzene	9.181	77	24192m	5.502	ng	
25) Isophorone	9.704	82	33508	4.673	ng	97
26) 2-Nitrophenol	9.892	139	7718	4.422	ng	98
27) 2,4-Dimethylphenol	9.945	122	9350	3.219	ng	95
28) bis(2-Chloroethoxy)met...	10.192	93	19118	4.557	ng	95
29) 2,4-Dichlorophenol	10.428	162	15382	4.514	ng	97
30) 1,2,4-Trichlorobenzene	10.639	180	19771	5.073	ng	97
31) Naphthalene	10.828	128	48397	4.721	ng	98
32) Benzoic acid	10.028	122	5601m	7.765	ng	
33) 4-Chloroaniline	10.951	127	18043	4.217	ng	96
34) Hexachlorobutadiene	11.098	225	13870	5.411	ng	93
35) Caprolactam	11.727	113	2304	2.789	ng	92
36) 4-Chloro-3-methylphenol	12.069	107	13535	4.368	ng	92
37) 2-Methylnaphthalene	12.433	142	31351	4.255	ng	# 90
38) 1-Methylnaphthalene	12.651	142	29457m	4.239	ng	
40) 1,2,4,5-Tetrachloroben...	12.798	216	20891	4.623	ng	99
41) Hexachlorocyclopentadiene	12.769	237	9398	3.784	ng	99
43) 2,4,6-Trichlorophenol	13.039	196	12364	4.274	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	13901	4.103	ng	95
46) 1,1'-Biphenyl	13.439	154	43195	4.489	ng	98
47) 2-Chloronaphthalene	13.480	162	35805	4.767	ng	95
48) 2-Nitroaniline	13.698	65	8646	3.920	ng	92
49) Acenaphthylene	14.327	152	49063	4.175	ng	99
50) Dimethylphthalate	14.057	163	42325	4.577	ng	99
51) 2,6-Dinitrotoluene	14.186	165	7670	3.941	ng	90
52) Acenaphthene	14.663	154	32035	4.470	ng	98
53) 3-Nitroaniline	14.521	138	6452	3.336	ng	# 89
54) 2,4-Dinitrophenol	14.733	184	4031	7.353	ng	90
55) Dibenzofuran	14.998	168	54958	4.587	ng	96
56) 4-Nitrophenol	14.827	139	5037	3.163	ng	95
57) 2,4-Dinitrotoluene	14.974	165	9625	3.648	ng	# 87
58) Fluorene	15.645	166	42412	4.365	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.227	232	12242	4.420	ng	# 96
60) Diethylphthalate	15.415	149	39179	4.326	ng	98
61) 4-Chlorophenyl-phenyle...	15.639	204	23502	4.607	ng	98
62) 4-Nitroaniline	15.680	138	6187	5.983	ng	88
63) Azobenzene	15.933	77	40675	4.239	ng	100
65) 4,6-Dinitro-2-methylph...	15.733	198	6028	3.370	ng	90
66) n-Nitrosodiphenylamine	15.857	169	34955	4.225	ng	97
67) 4-Bromophenyl-phenylether	16.533	248	14043	4.594	ng	99
68) Hexachlorobenzene	16.645	284	17255	5.231	ng	95
69) Atrazine	16.804	200	12536	4.542	ng	99
70) Pentachlorophenol	16.998	266	8887	3.784	ng	93
71) Phenanthrene	17.386	178	69978	4.547	ng	99
72) Anthracene	17.480	178	68022	4.344	ng	97
73) Carbazole	17.751	167	59349	4.303	ng	98
74) Di-n-butylphthalate	18.304	149	60205	3.974	ng	# 98
75) Fluoranthene	19.398	202	81799	4.422	ng	96
77) Benzidine	19.592	184	14612	2.105	ng	100
78) Pyrene	19.762	202	86769	4.090	ng	99
80) Butylbenzylphthalate	20.645	149	25674	3.500	ng	95
81) Benzo(a)anthracene	21.503	228	99434	4.606	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	29509	4.256	ng	# 97
83) Chrysene	21.556	228	95894	4.542	ng	99
84) Bis(2-ethylhexyl)phtha...	21.415	149	36957	3.476	ng	96
85) Di-n-octyl phthalate	22.344	149	70655	3.738	ng	96
87) Indeno(1,2,3-cd)pyrene	26.444	276	140107	4.714	ng	98
88) Benzo(b)fluoranthene	23.197	252	112495	4.643	ng	98
89) Benzo(k)fluoranthene	23.244	252	109259	4.358	ng	99
90) Benzo(a)pyrene	23.827	252	102449	4.264	ng	96
91) Dibenzo(a,h)anthracene	26.462	278	121529	4.912	ng	# 96
92) Benzo(g,h,i)perylene	27.226	276	126992	5.011	ng	96

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

Manual Integrations

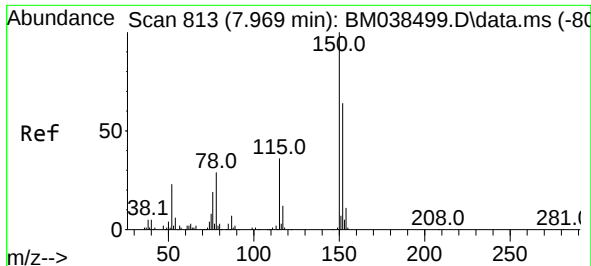
01/24/2023
Supervised By :Jagrut
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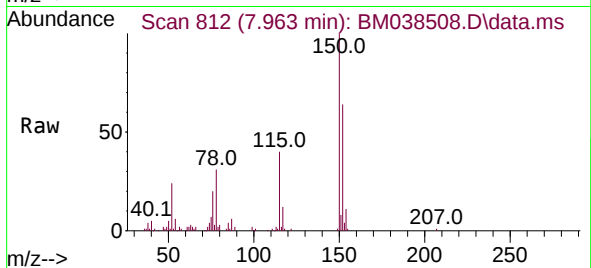
01/24/2023

[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

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



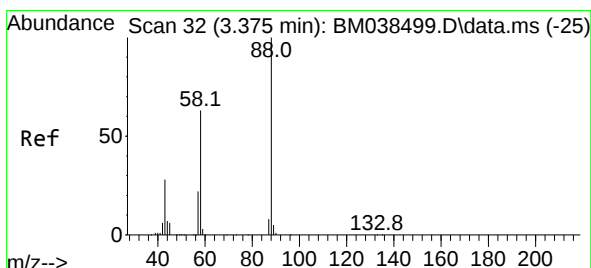
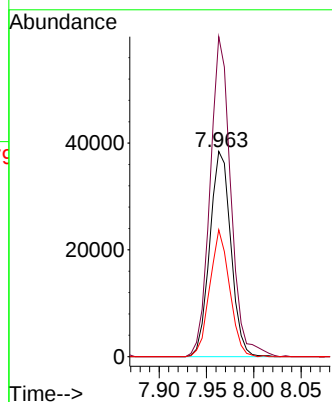
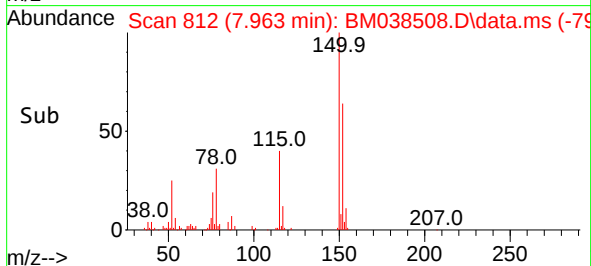
Tgt Ion:152 Resp: 5955
Ion Ratio Lower Upper
152 100
150 155.9 124.2 186.4
115 61.8 44.8 67.2

Manual Integrations
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Reviewed By :Christian
Giraldo

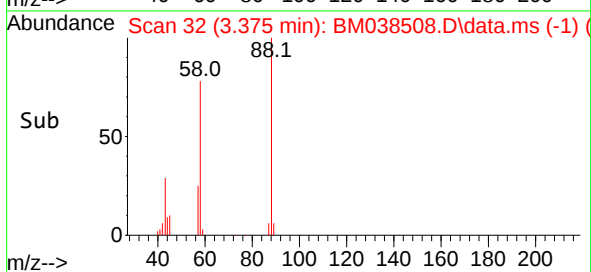
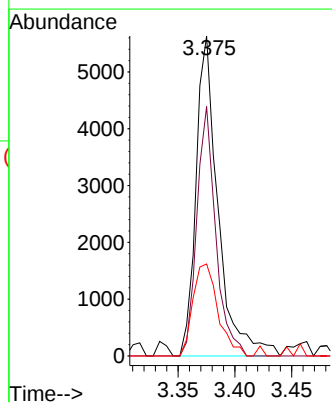
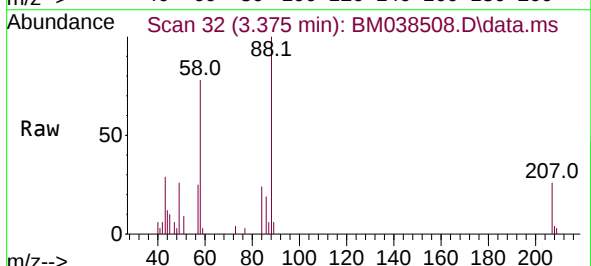
01/24/2023
Supervised By :Jagrut
Upadhyay

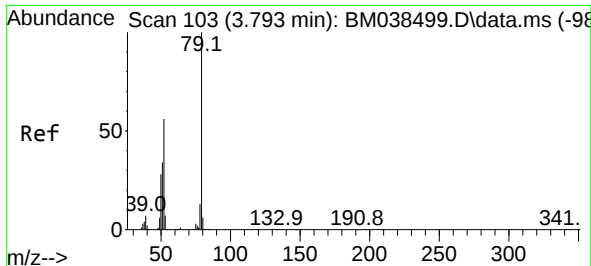
01/24/2023



#2
1,4-Dioxane
Concen: 4.500 ng
RT: 3.375 min Scan# 32
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

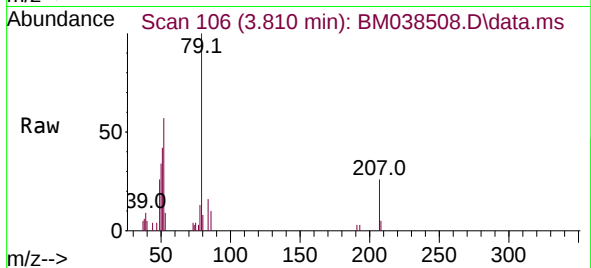
Tgt Ion: 88 Resp: 7604
Ion Ratio Lower Upper
88 100
58 66.7 50.5 75.7
43 32.5 23.9 35.9





#3
Pyridine
Concen: 3.774 ng m
RT: 3.810 min Scan# 106
Delta R.T. 0.018 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

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



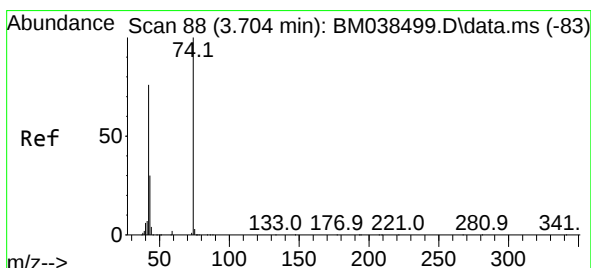
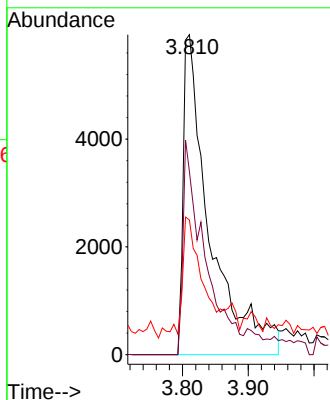
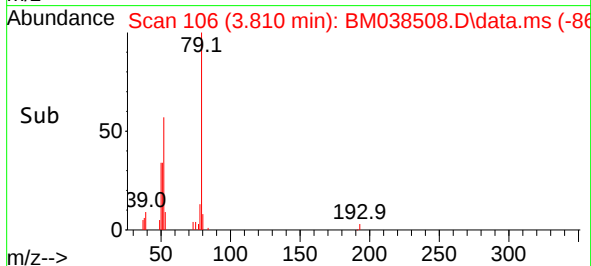
Tgt Ion: 79 Resp: 1674
Ion Ratio Lower Upper
79 100
52 57.2 45.0 67.4
51 42.1 27.1 40.7

Manual Integrations
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Reviewed By :Christian
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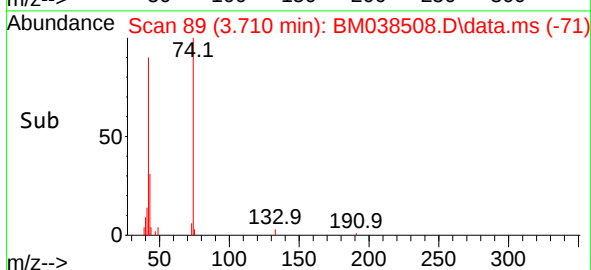
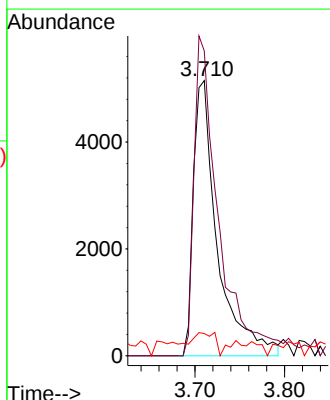
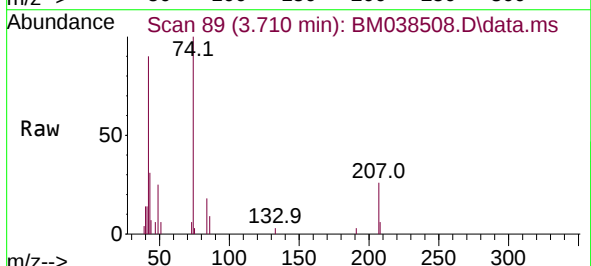
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Supervised By :Jagrut
Upadhyay

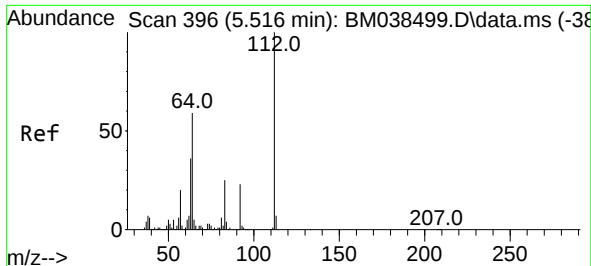
01/24/2023



#4
n-Nitrosodimethylamine
Concen: 4.562 ng
RT: 3.710 min Scan# 89
Delta R.T. 0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

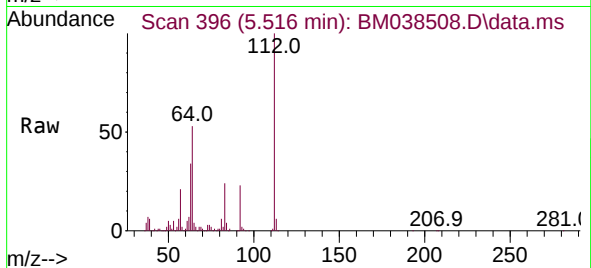
Tgt Ion: 42 Resp: 9611
Ion Ratio Lower Upper
42 100
74 110.8 105.0 157.4
44 8.1 4.1 6.1





#5
2-Fluorophenol
Concen: 90.197 ng
RT: 5.516 min Scan# 396
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

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



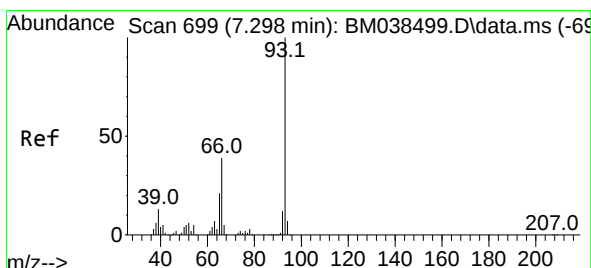
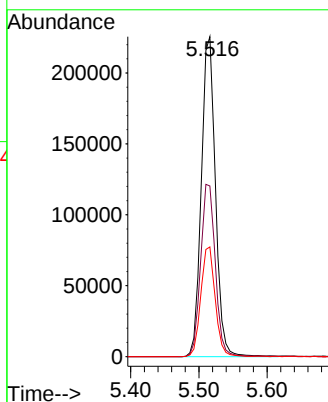
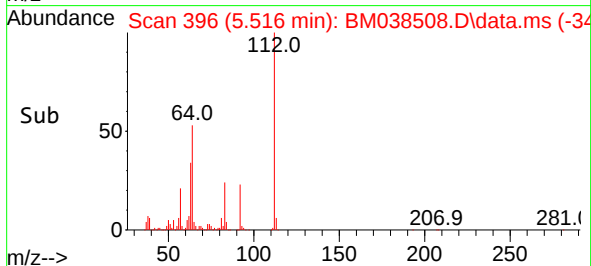
Tgt Ion: 112 Resp: 324918
Ion Ratio Lower Upper
112 100
64 53.3 47.3 70.9
63 34.3 28.8 43.2

Manual Integrations
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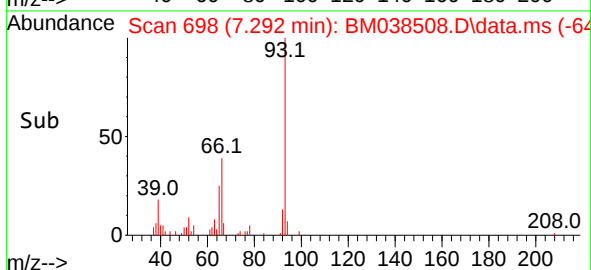
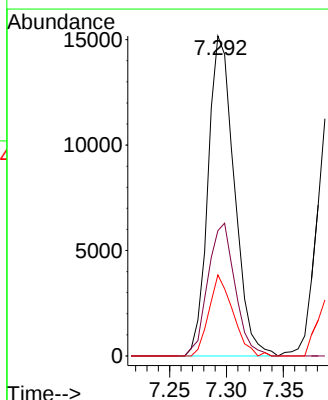
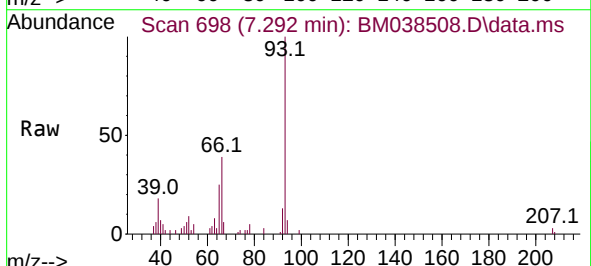
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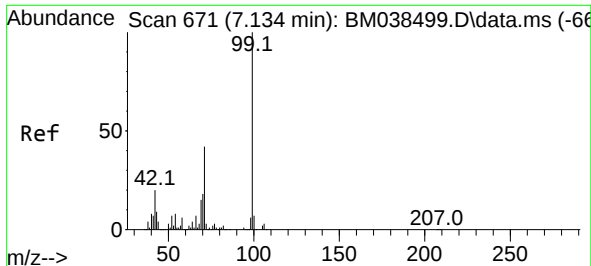
01/24/2023



#6
Aniline
Concen: 4.273 ng
RT: 7.292 min Scan# 698
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

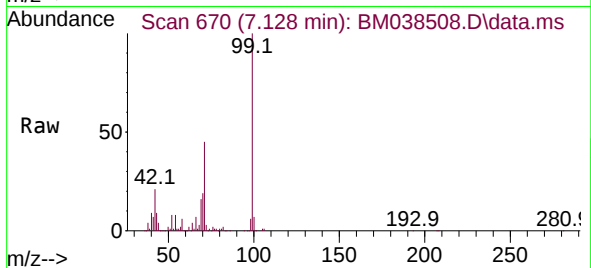
Tgt Ion: 93 Resp: 24375
Ion Ratio Lower Upper
93 100
66 39.1 31.6 47.4
65 25.3 16.6 24.8





#7
Phenol-d6
Concen: 108.727 ng
RT: 7.128 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

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



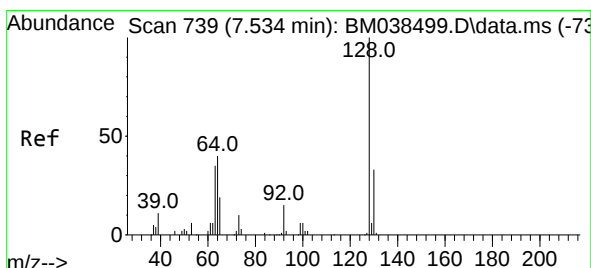
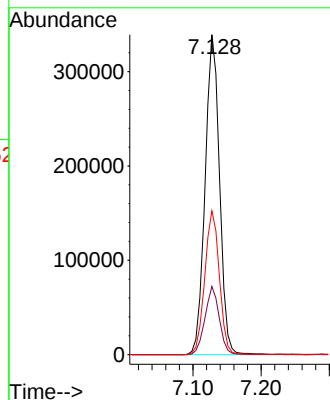
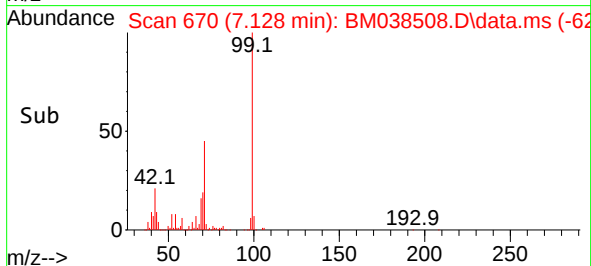
Tgt Ion: 99 Resp: 499722
Ion Ratio Lower Upper
99 100
42 21.3 16.0 24.0
71 44.9 33.8 50.6

Manual Integrations
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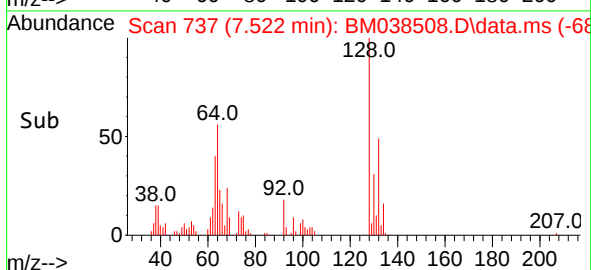
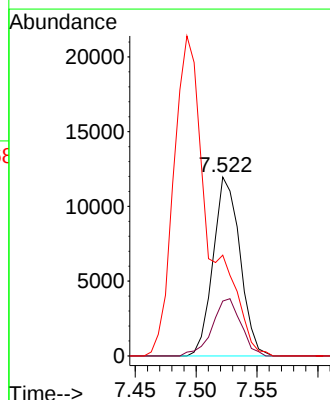
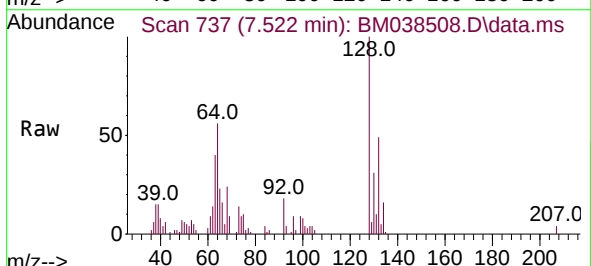
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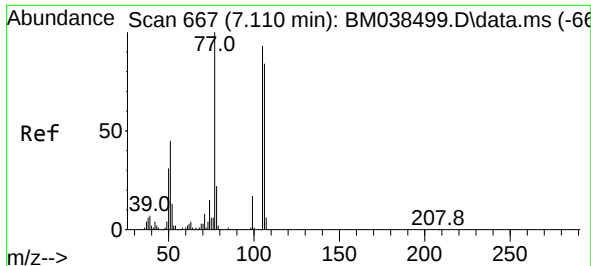
01/24/2023



#8
2-Chlorophenol
Concen: 4.971 ng
RT: 7.522 min Scan# 737
Delta R.T. -0.012 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

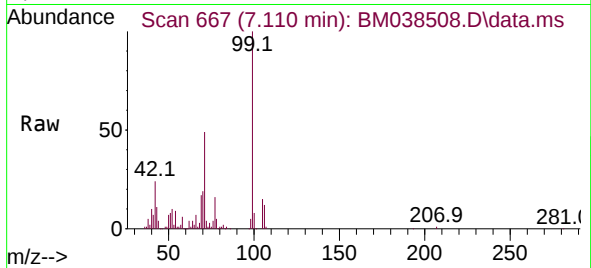
Tgt Ion:128 Resp: 18292
Ion Ratio Lower Upper
128 100
130 30.7 13.2 53.2
64 56.4 27.7 67.7





#9
Benzaldehyde
Concen: 6.441 ng m
RT: 7.110 min Scan# 667
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

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



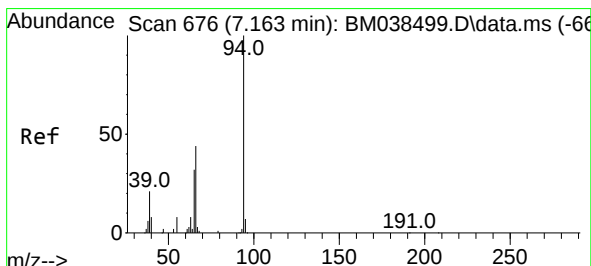
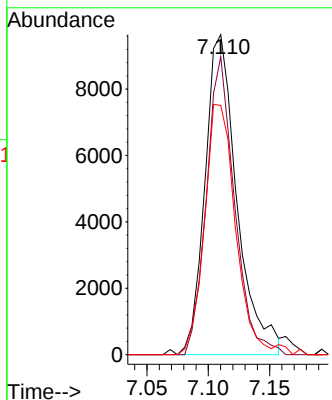
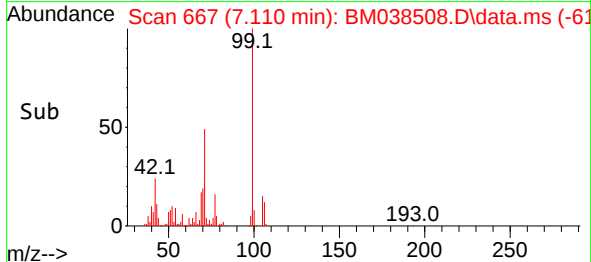
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Ion Ratio Lower Upper
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106 77.9 63.8 103.8

Manual Integrations
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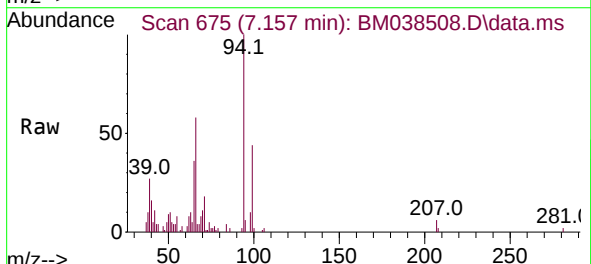
Reviewed By :Christian
Giraldo

01/24/2023
Supervised By :Jagrut
Upadhyay

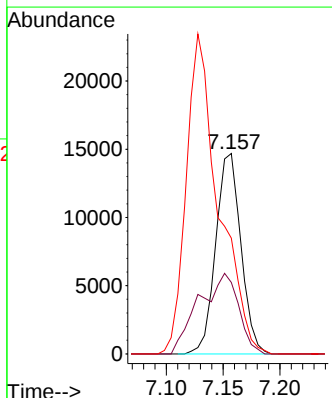
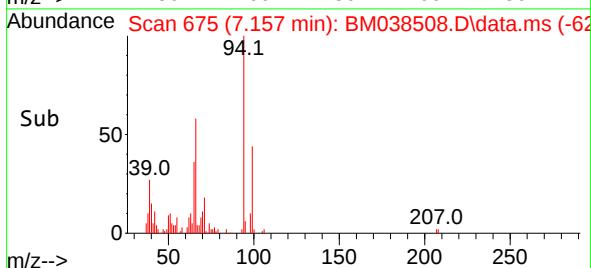
01/24/2023

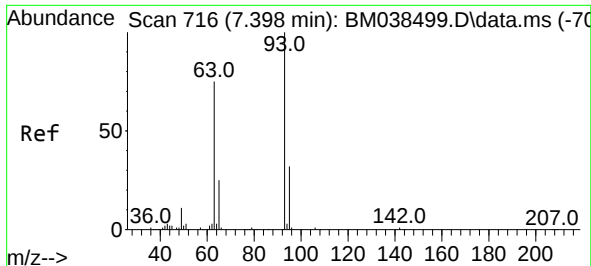


#10
Phenol
Concen: 4.925 ng
RT: 7.157 min Scan# 675
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16



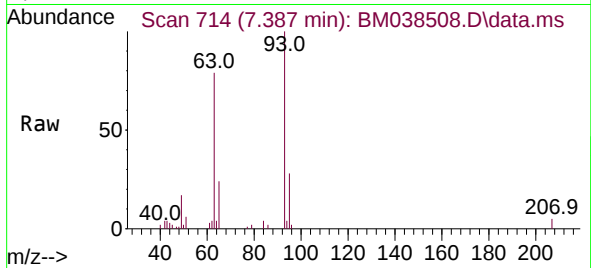
Tgt Ion: 94 Resp: 22619
Ion Ratio Lower Upper
94 100
65 35.7 12.7 52.7
66 57.8 26.0 66.0





#11
bis(2-Chloroethyl)ether
Concen: 4.944 ng
RT: 7.387 min Scan# 714
Delta R.T. -0.012 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

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



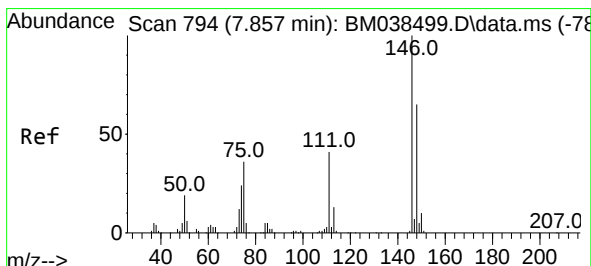
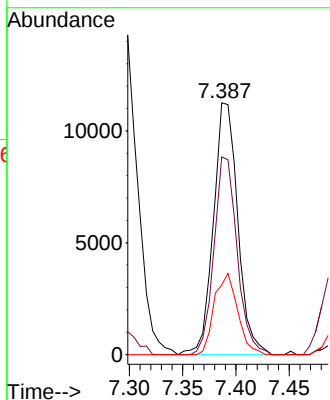
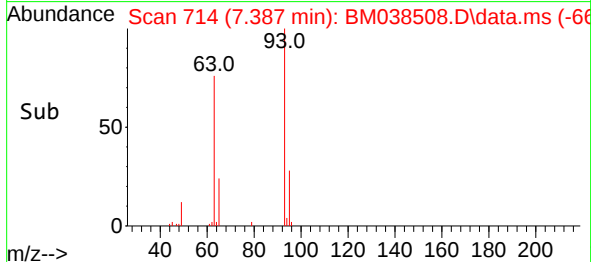
Tgt Ion: 93 Resp: 17914
Ion Ratio Lower Upper
93 100
63 78.5 54.4 94.4
95 27.7 11.4 51.4

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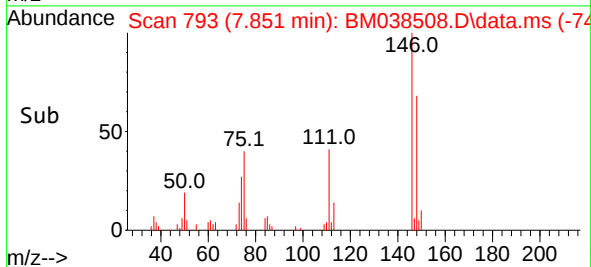
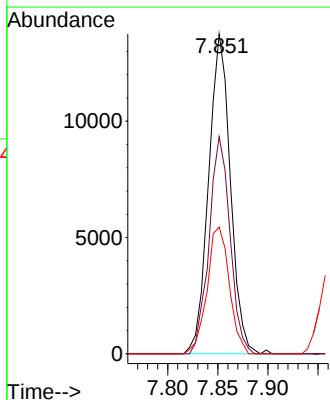
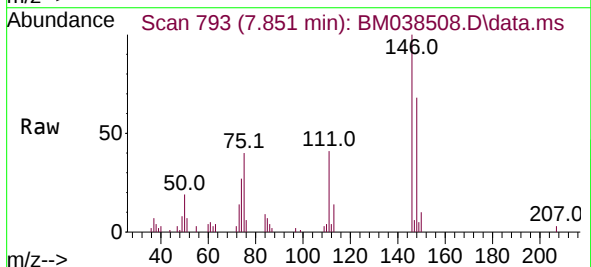
01/24/2023
Supervised By :Jagrut
Upadhyay

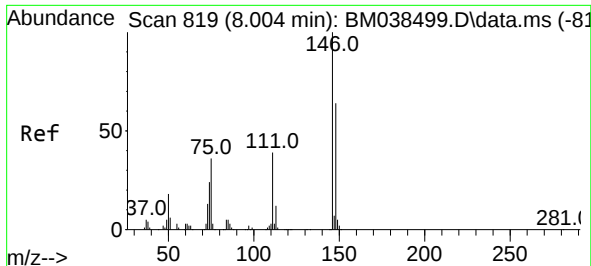
01/24/2023



#12
1,3-Dichlorobenzene
Concen: 4.965 ng
RT: 7.851 min Scan# 793
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

Tgt Ion:146 Resp: 20770
Ion Ratio Lower Upper
146 100
148 67.9 52.1 78.1
75 39.6 28.7 43.1





#13
1,4-Dichlorobenzene
Concen: 5.043 ng
RT: 7.998 min Scan# 819
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

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

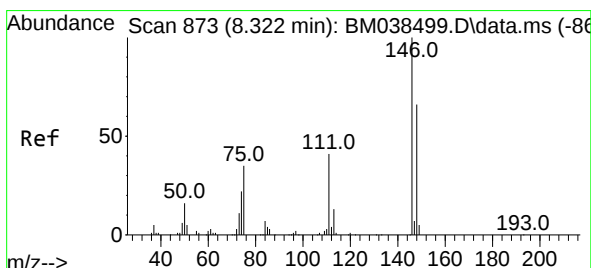
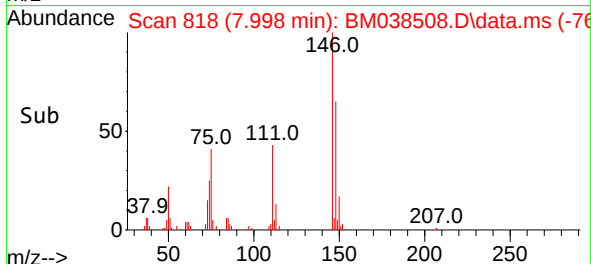
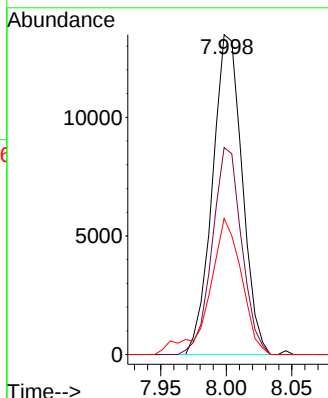
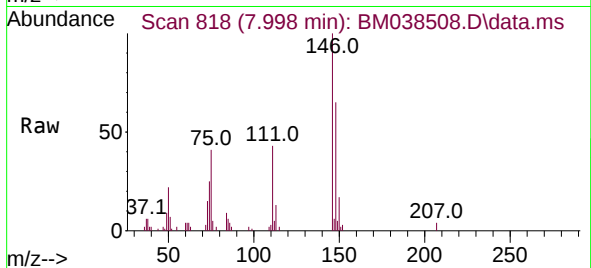
Tgt Ion:146 Resp: 21318
Ion Ratio Lower Upper
146 100
148 64.7 51.3 76.9
111 42.5 31.4 47.0

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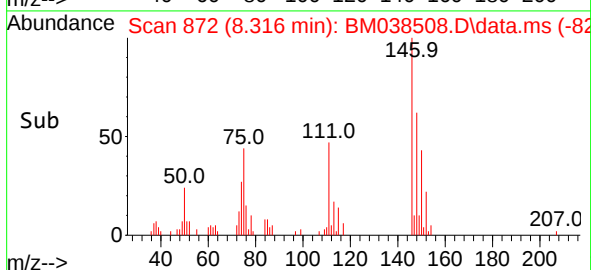
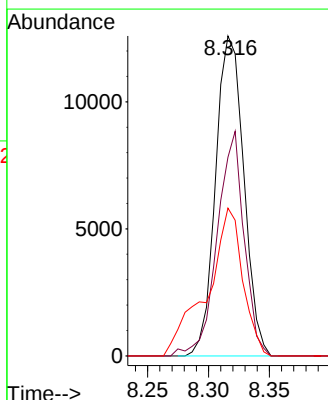
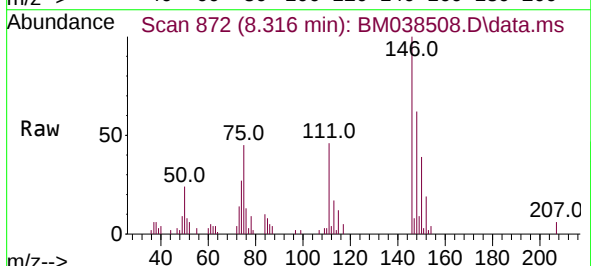
01/24/2023
Supervised By :Jagrut
Upadhyay

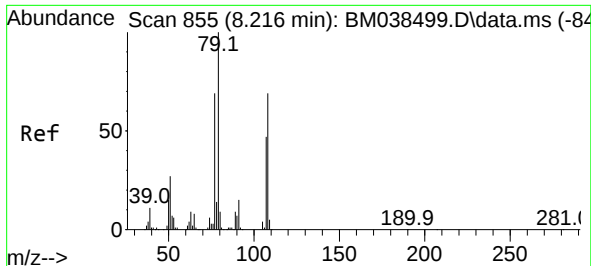
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#14
1,2-Dichlorobenzene
Concen: 4.949 ng
RT: 8.316 min Scan# 872
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

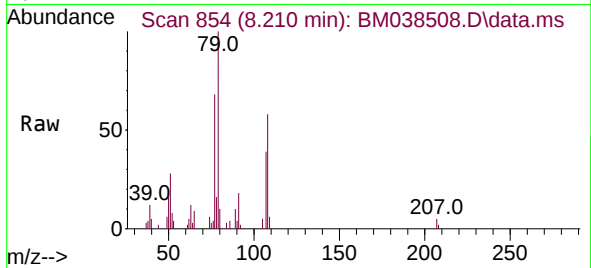
Tgt Ion:146 Resp: 20263
Ion Ratio Lower Upper
146 100
148 62.1 52.7 79.1
111 46.2 33.2 49.8





#15
Benzyl Alcohol
Concen: 4.752 ng
RT: 8.210 min Scan# 855
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

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



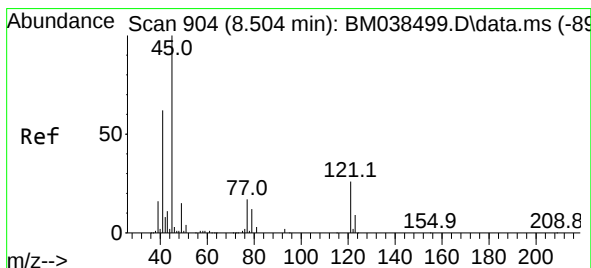
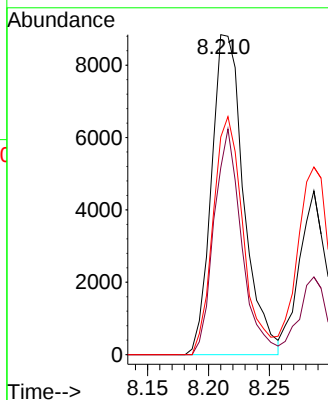
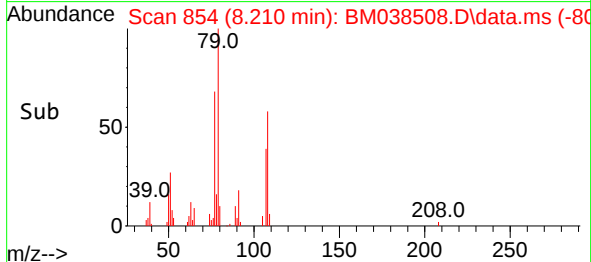
Tgt Ion: 79 Resp: 16330
Ion Ratio Lower Upper
79 100
108 58.4 55.0 82.6
77 68.0 55.0 82.4

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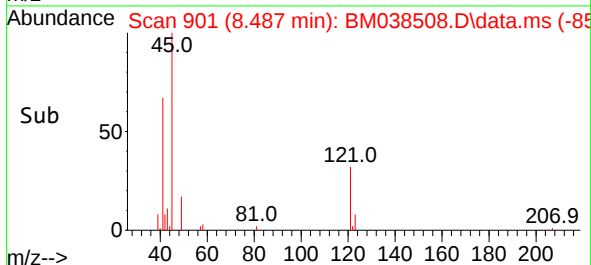
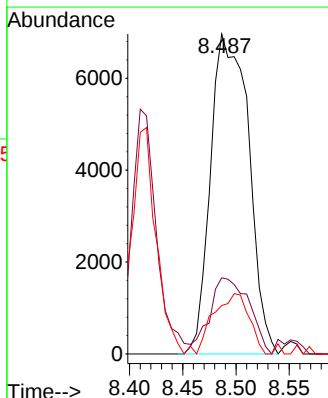
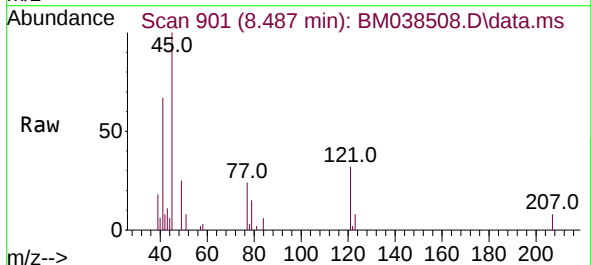
01/24/2023
Supervised By :Jagrut
Upadhyay

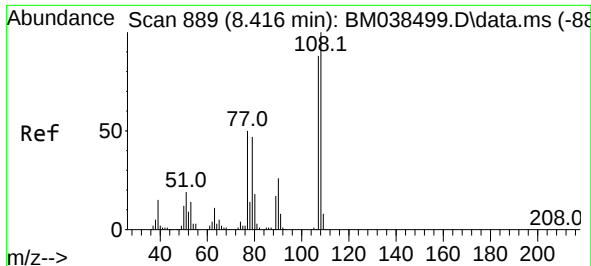
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.547 ng
RT: 8.487 min Scan# 901
Delta R.T. -0.018 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

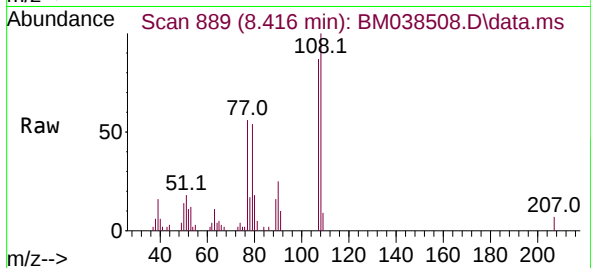
Tgt Ion: 45 Resp: 17302
Ion Ratio Lower Upper
45 100
77 23.8 0.0 39.2
79 15.1 0.0 34.9





#17
2-Methylphenol
Concen: 3.893 ng
RT: 8.416 min Scan# 889
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

Instrument :
BNA_M
ClientSampleId :
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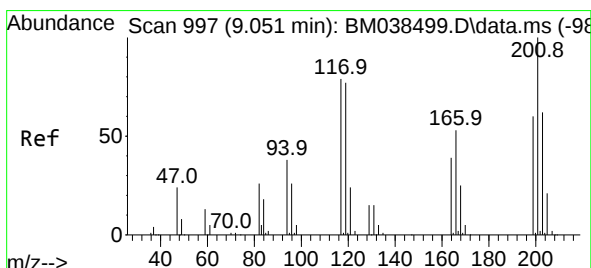
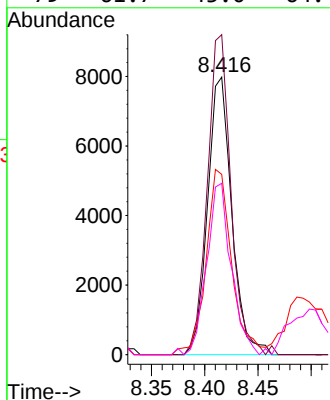
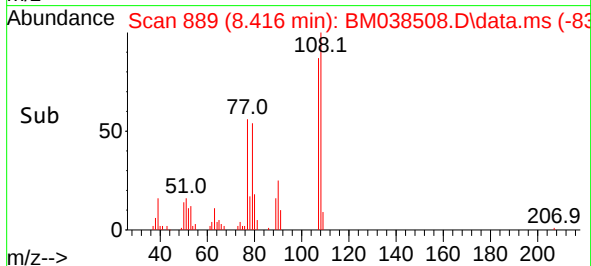
Tgt Ion:	107	Resp:	12656
Ion	Ratio	Lower	Upper
107	100		
108	115.3	90.8	136.2
77	64.9	46.1	69.1
79	61.7	43.0	64.4

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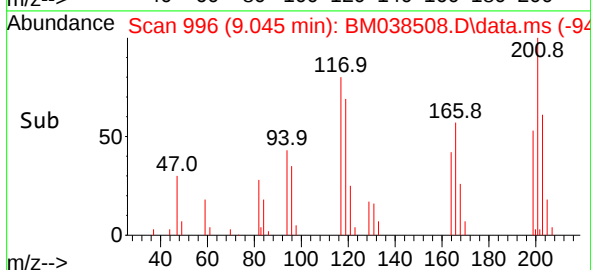
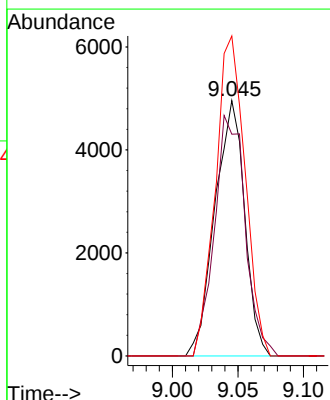
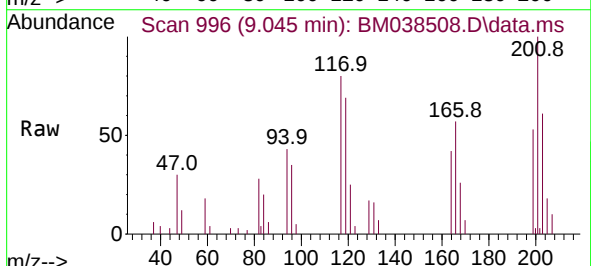
01/24/2023
Supervised By :Jagrut
Upadhyay

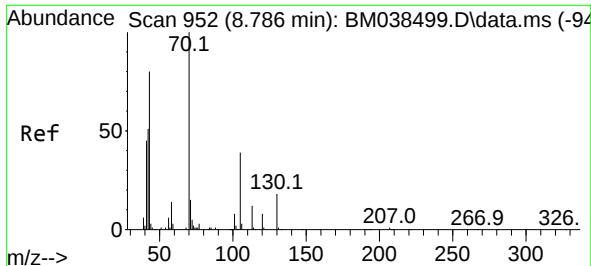
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#18
Hexachloroethane
Concen: 4.960 ng
RT: 9.045 min Scan# 996
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

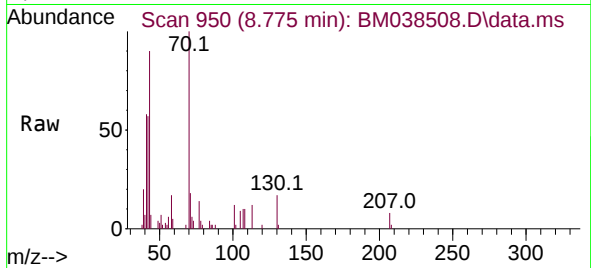
Tgt Ion:	117	Resp:	7794
Ion	Ratio	Lower	Upper
117	100		
119	86.8	77.9	116.9
201	129.0	100.6	151.0





#19
n-Nitroso-di-n-propylamine
Concen: 4.100 ng
RT: 8.775 min Scan# 91
Delta R.T. -0.011 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

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



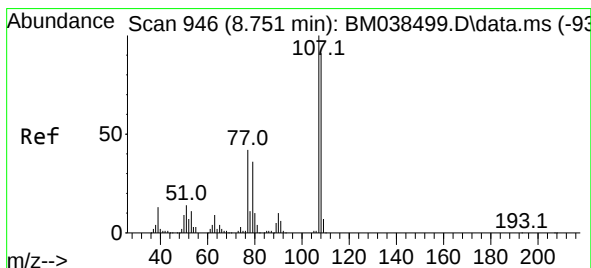
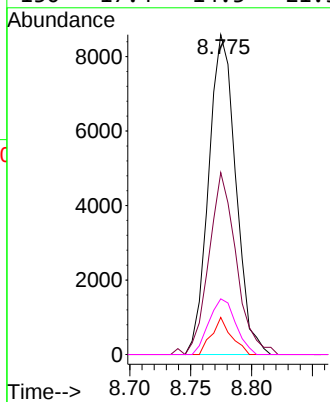
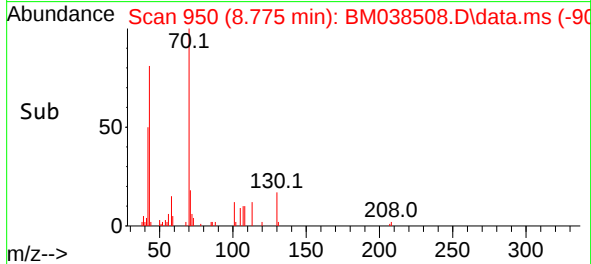
Tgt Ion: 70 Resp: 13352
Ion Ratio Lower Upper
70 100
42 56.9 41.4 62.2
101 11.6 6.5 9.74
130 17.4 14.3 21.5

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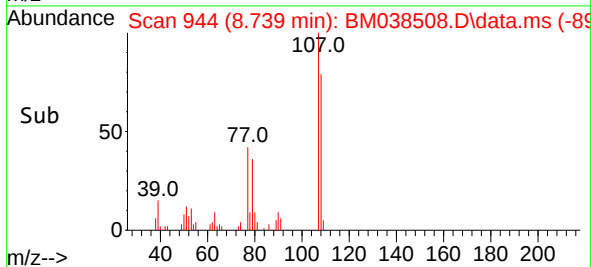
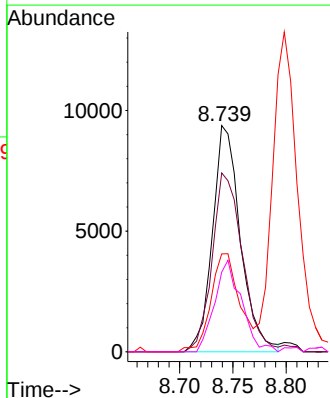
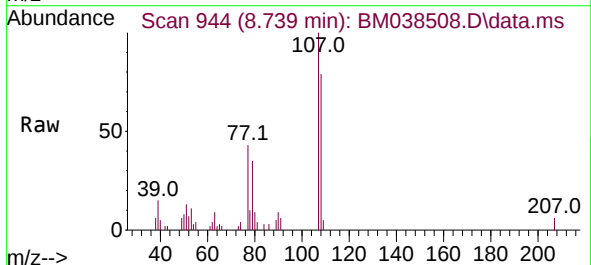
01/24/2023
Supervised By :Jagrut
Upadhyay

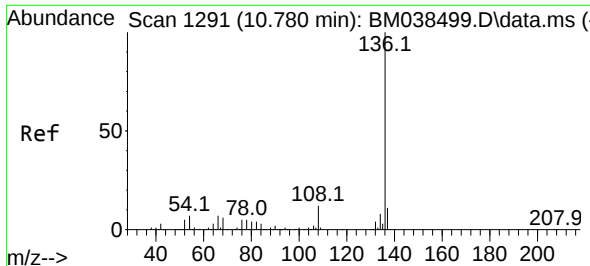
01/24/2023



#20
3+4-Methylphenols
Concen: 3.927 ng
RT: 8.739 min Scan# 944
Delta R.T. -0.012 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

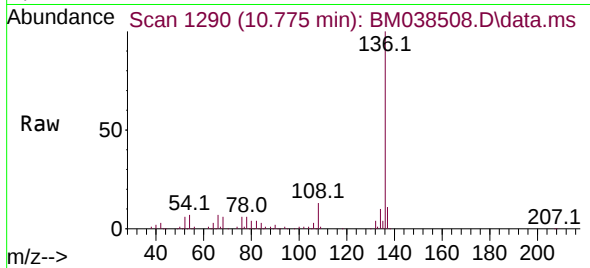
Tgt Ion:107 Resp: 17107
Ion Ratio Lower Upper
107 100
108 79.1 70.7 110.7
77 43.3 22.0 62.0
79 35.3 15.8 55.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

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



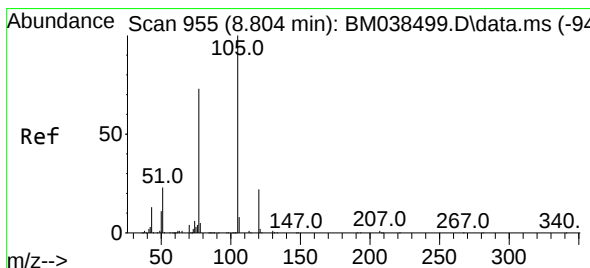
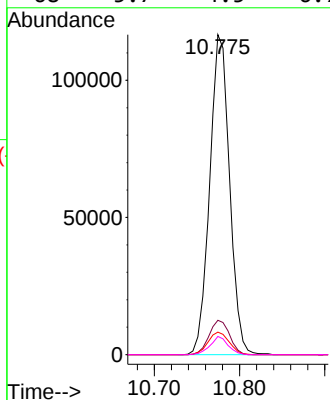
Tgt Ion:136 Resp: 188705
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.0 6.0 9.0
68 5.7 4.5 6.7

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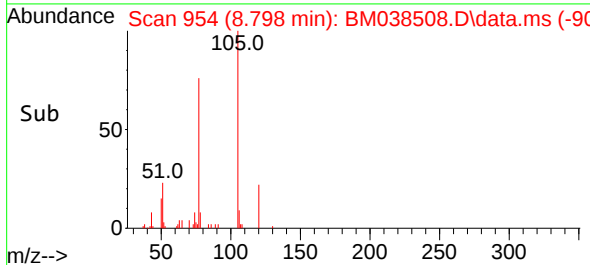
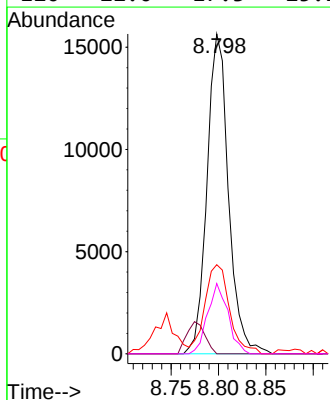
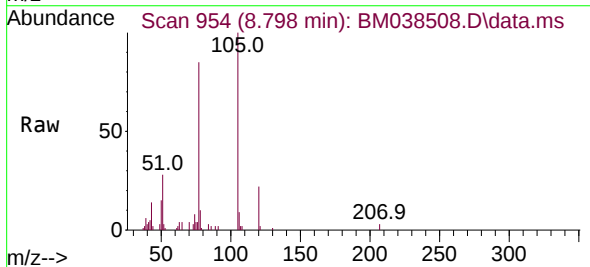
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Upadhyay

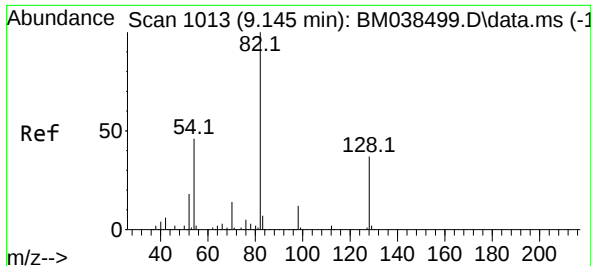
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#22
Acetophenone
Concen: 4.758 ng
RT: 8.798 min Scan# 954
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

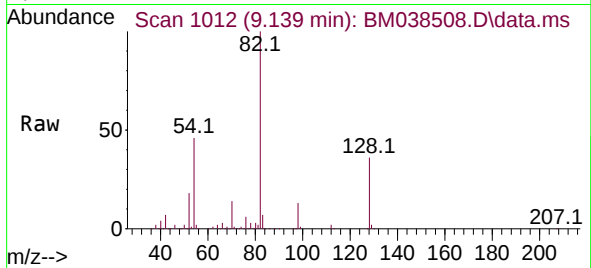
Tgt Ion:105 Resp: 24735
Ion Ratio Lower Upper
105 100
71 0.0 0.9 1.3#
51 27.9 21.8 32.8
120 22.0 17.3 25.9





#23
Nitrobenzene-d5
Concen: 73.637 ng
RT: 9.139 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

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



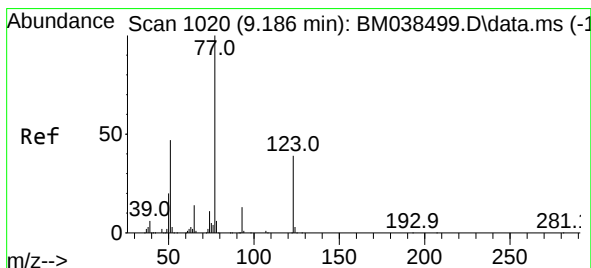
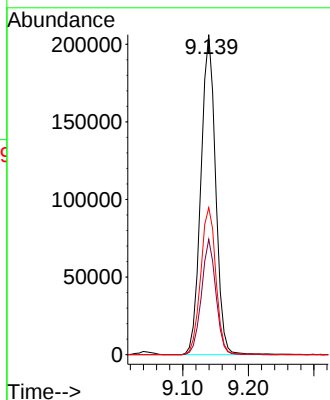
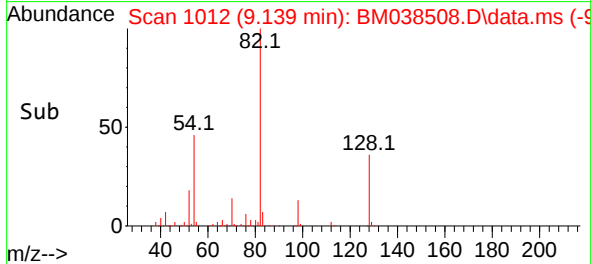
Tgt Ion: 82 Resp: 319990
Ion Ratio Lower Upper
82 100
128 36.0 29.3 43.9
54 45.9 36.9 55.3

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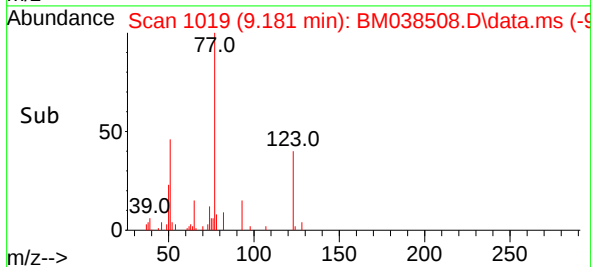
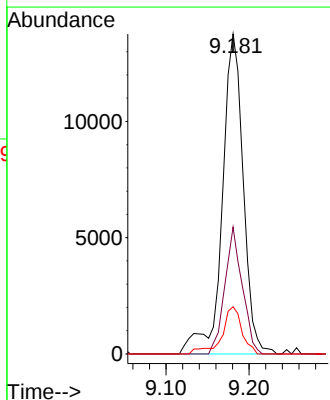
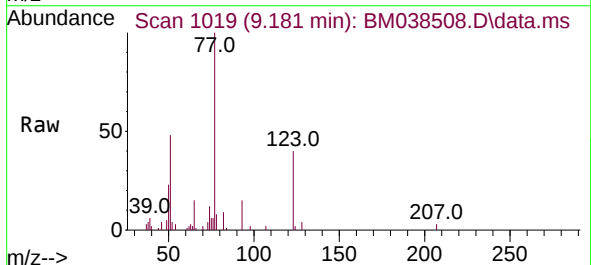
01/24/2023
Supervised By :Jagrut
Upadhyay

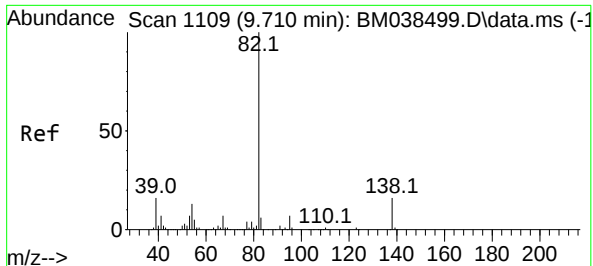
01/24/2023



#24
Nitrobenzene
Concen: 5.502 ng m
RT: 9.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

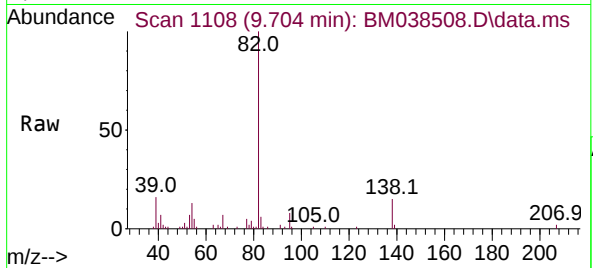
Tgt Ion: 77 Resp: 24192
Ion Ratio Lower Upper
77 100
123 39.6 31.5 47.3
65 14.7 11.2 16.8





#25
Isophorone
Concen: 4.673 ng
RT: 9.704 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

Instrument : BNA_M
ClientSampleId :
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Tgt Ion: 82 Resp: 33508
Ion Ratio Lower Upper
82 100
95 7.7 5.6 8.4
138 15.1 13.2 19.8

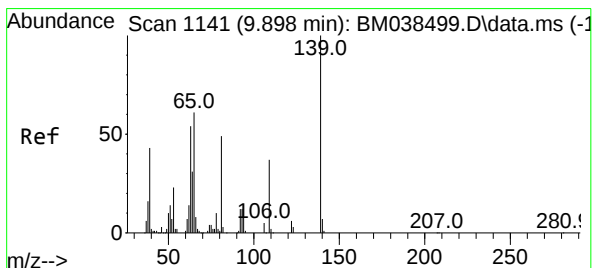
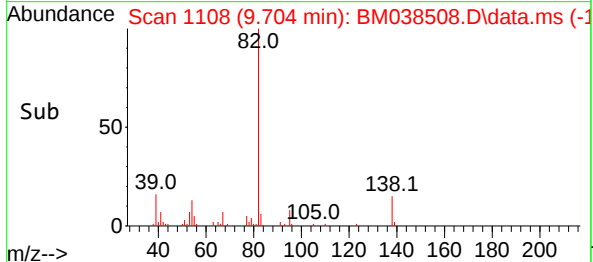
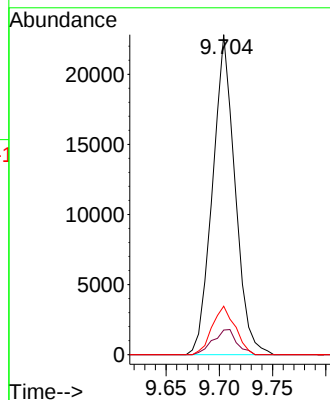
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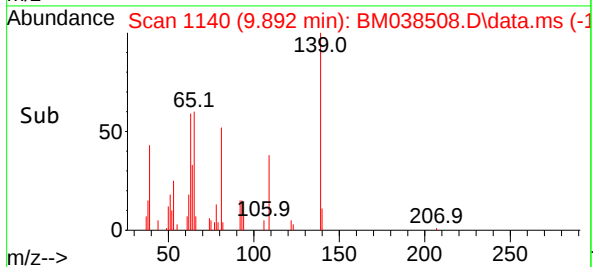
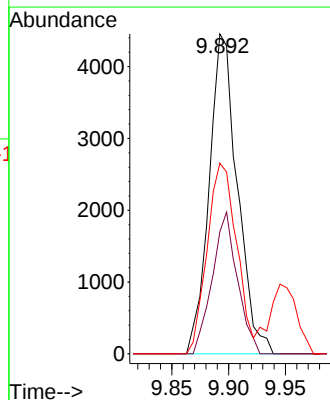
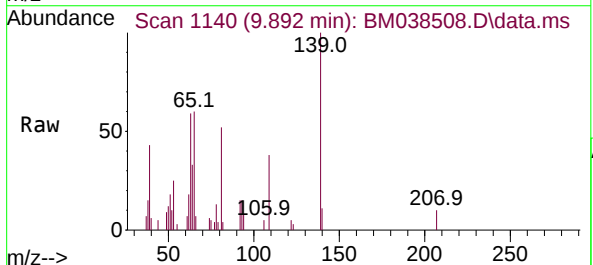
Supervised By :Jagrut
Upadhyay

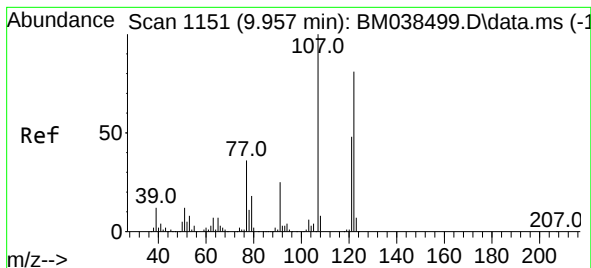
01/24/2023



#26
2-Nitrophenol
Concen: 4.422 ng
RT: 9.892 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

Tgt Ion:139 Resp: 7718
Ion Ratio Lower Upper
139 100
109 38.2 29.3 43.9
65 59.6 48.6 72.8





#27

2,4-Dimethylphenol

Concen: 3.219 ng

RT: 9.945 min Scan# 1151

Delta R.T. -0.012 min

Lab File: BM038508.D

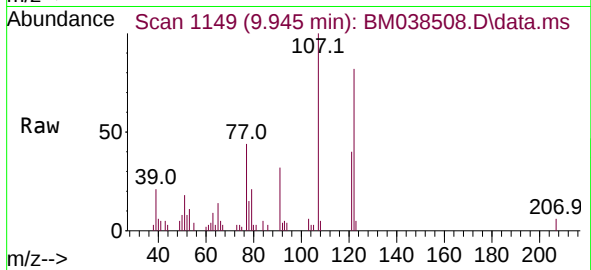
Acq: 23 Jan 2023 13:16

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2022



Tgt Ion: 122 Resp: 9350

Ion Ratio Lower Upper

122 100

107 121.7 98.2 147.2

121 48.8 47.1 70.7

Manual Integrations

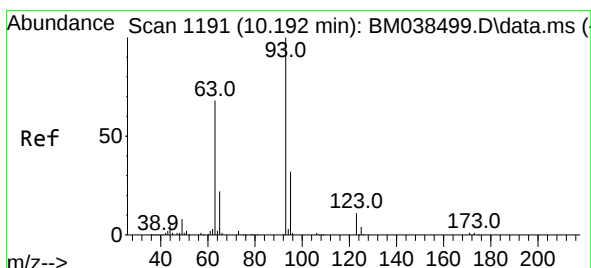
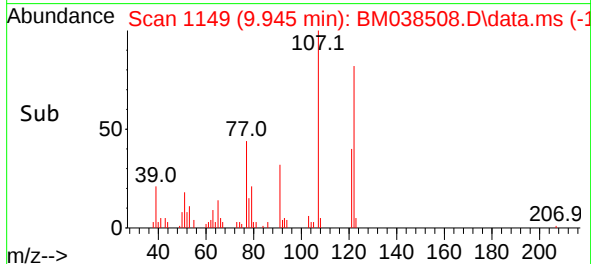
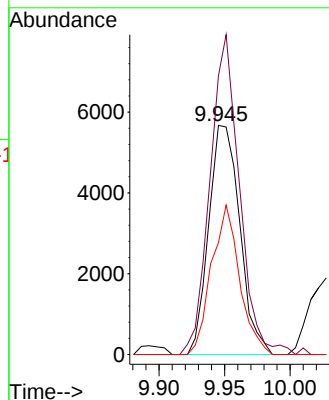
APPROVED

Reviewed By :Christian
Giraldo

01/24/2023

Supervised By :Jagrut
Upadhyay

01/24/2023



#28

bis(2-Chloroethoxy)methane

Concen: 4.557 ng

RT: 10.192 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BM038508.D

Acq: 23 Jan 2023 13:16

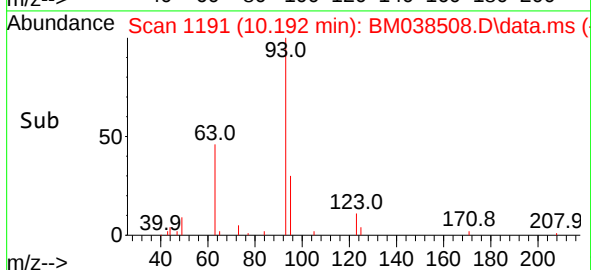
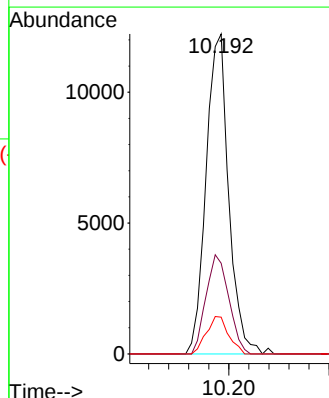
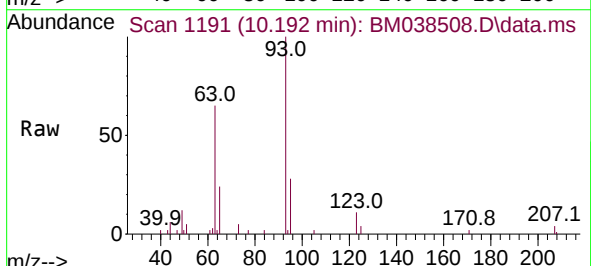
Tgt Ion: 93 Resp: 19118

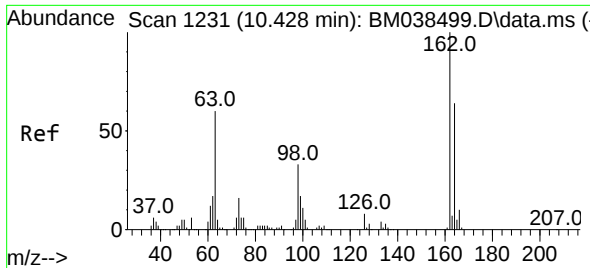
Ion Ratio Lower Upper

93 100

95 28.3 25.3 37.9

123 11.5 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 4.514 ng

RT: 10.428 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BM038508.D

Acq: 23 Jan 2023 13:16

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion:162	Resp:	1538
Ion Ratio	Lower	Upper
162	100	
164	61.4	43.7 83.7
98	30.3	12.9 52.9

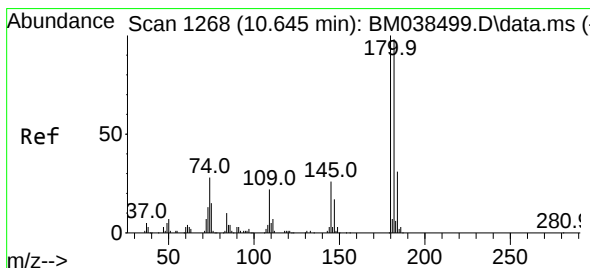
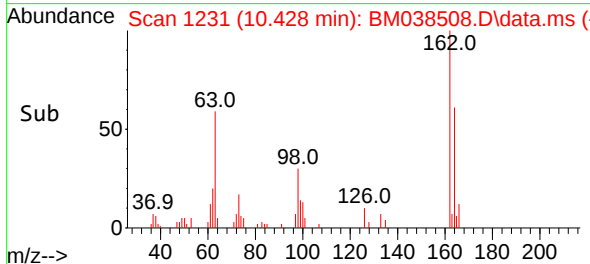
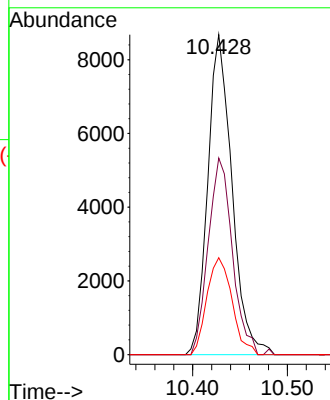
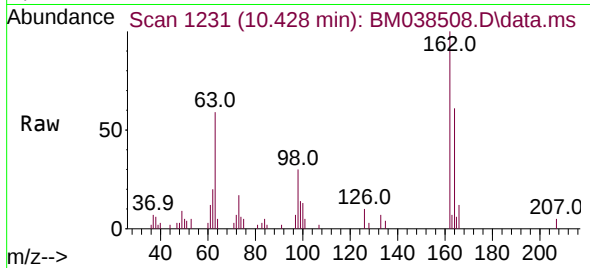
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo

01/24/2023

Supervised By :Jagrut
Upadhyay

01/24/2023



#30

1,2,4-Trichlorobenzene

Concen: 5.073 ng

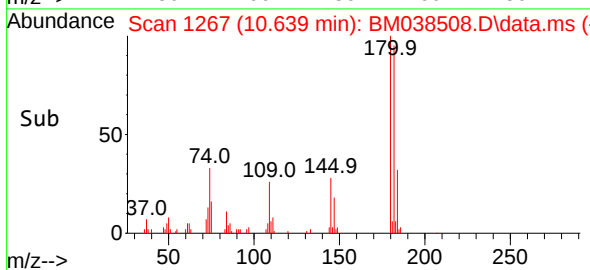
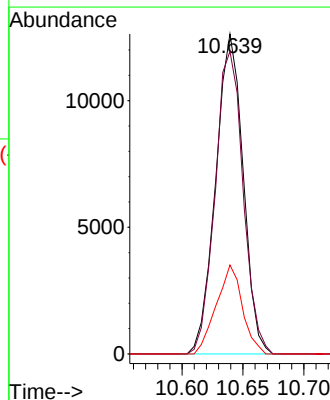
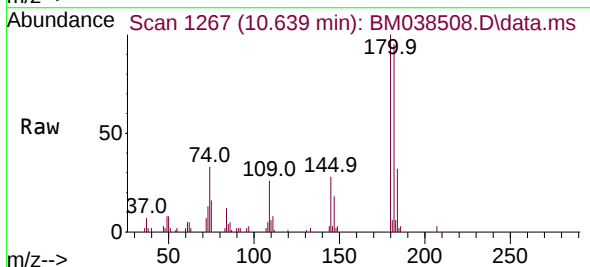
RT: 10.639 min Scan# 1267

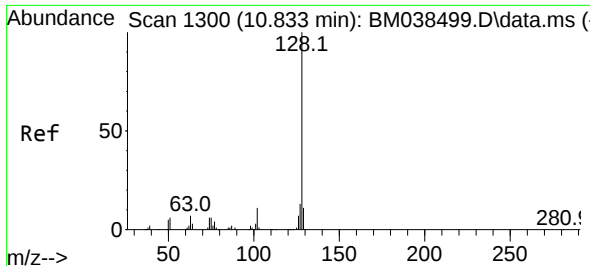
Delta R.T. -0.006 min

Lab File: BM038508.D

Acq: 23 Jan 2023 13:16

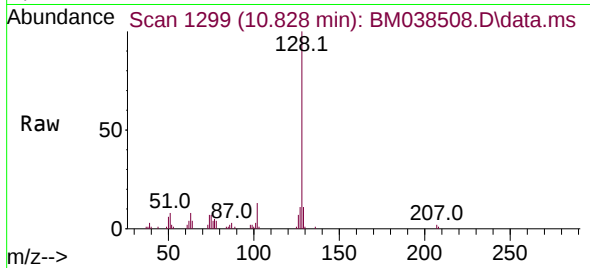
Tgt Ion:180	Resp:	19771
Ion Ratio	Lower	Upper
180	100	
182	94.5	78.3 117.5
145	27.8	21.0 31.6





#31
Naphthalene
Concen: 4.721 ng
RT: 10.828 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

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



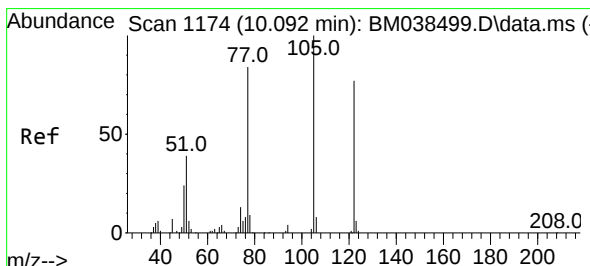
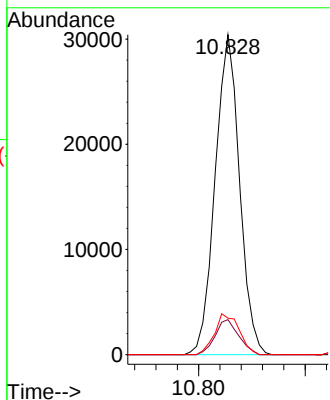
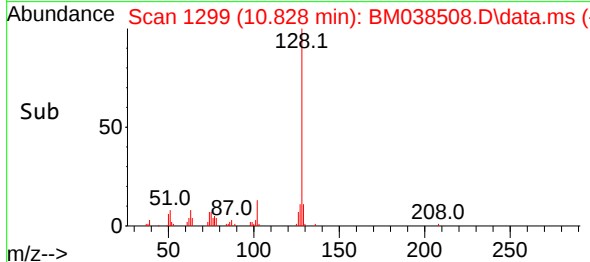
Tgt Ion:128 Resp: 4839
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 11.4 10.3 15.5

Manual Integrations
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Reviewed By :Christian
Giraldo

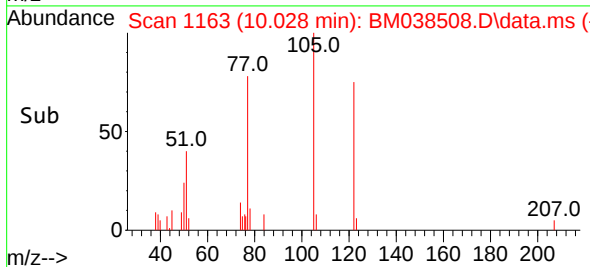
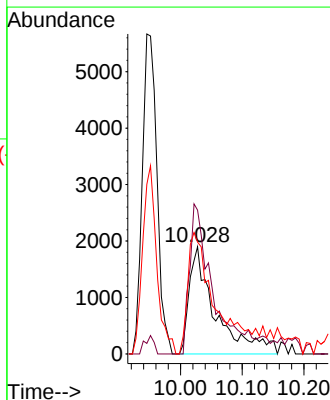
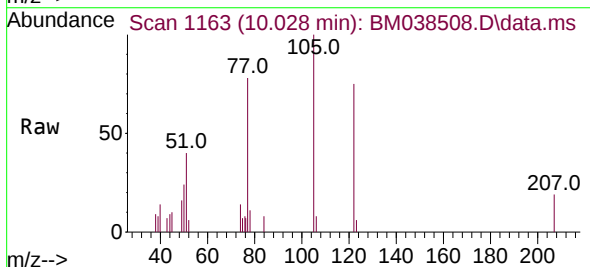
01/24/2023
Supervised By :Jagrut
Upadhyay

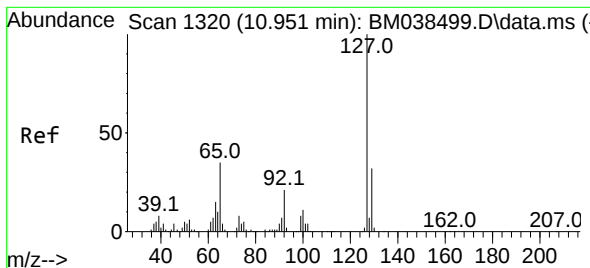
01/24/2023



#32
Benzoic acid
Concen: 7.765 ng m
RT: 10.028 min Scan# 1163
Delta R.T. -0.064 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

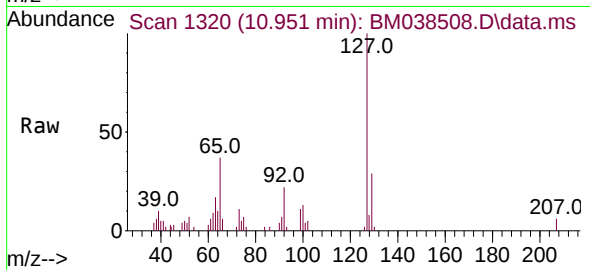
Tgt Ion:122 Resp: 5601
Ion Ratio Lower Upper
122 100
105 134.2 107.9 147.9
77 104.3 88.6 128.6





#33
4-Chloroaniline
Concen: 4.217 ng
RT: 10.951 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

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



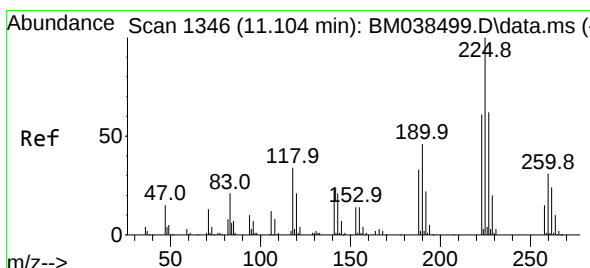
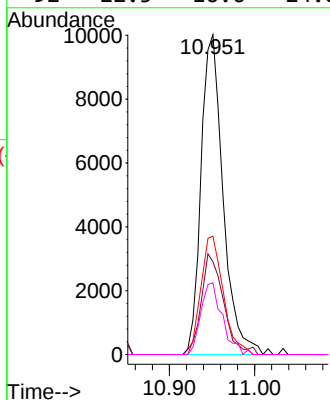
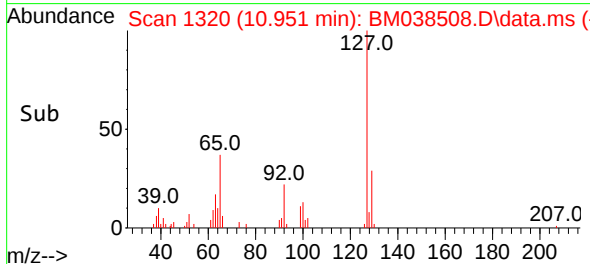
Tgt Ion	Ratio	Lower	Upper
127	100		
129	29.0	25.8	38.6
65	37.0	28.2	42.2
92	22.5	16.6	24.8

Manual Integrations
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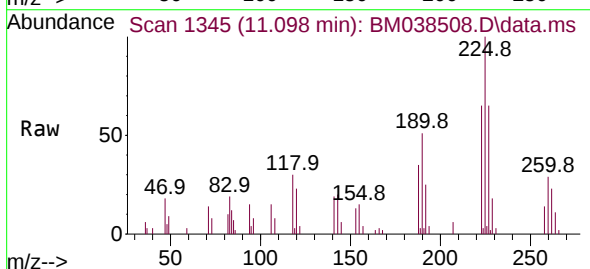
Reviewed By :Christian
Giraldo

01/24/2023
Supervised By :Jagrut
Upadhyay

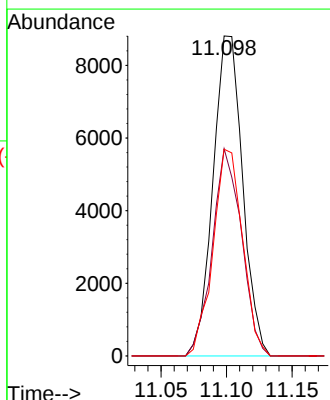
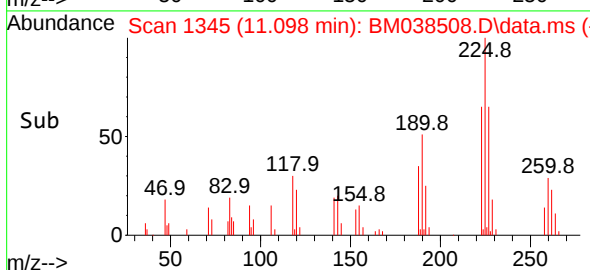
01/24/2023

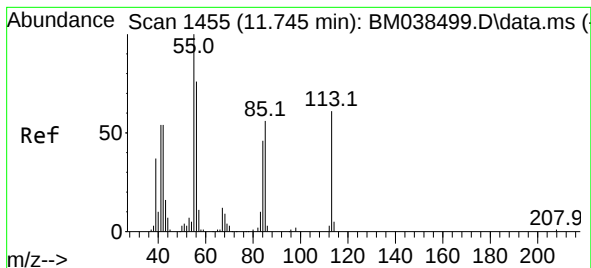


#34
Hexachlorobutadiene
Concen: 5.411 ng
RT: 11.098 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16



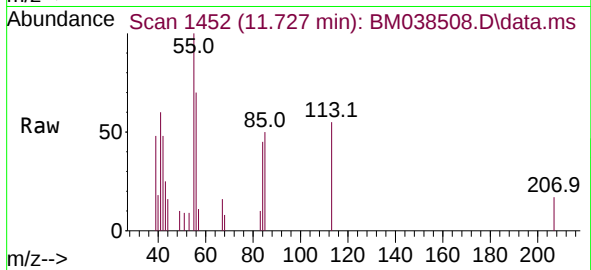
Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.4	48.8	73.2
227	66.7	49.4	74.0





#35
Caprolactam
Concen: 2.789 ng
RT: 11.727 min Scan# 1455
Delta R.T. -0.018 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

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



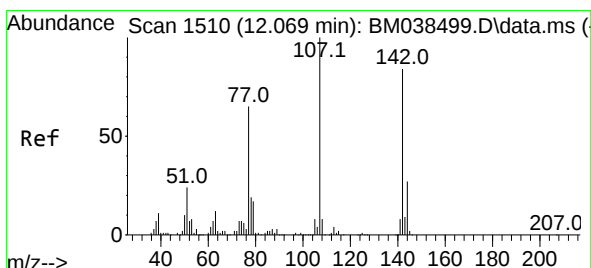
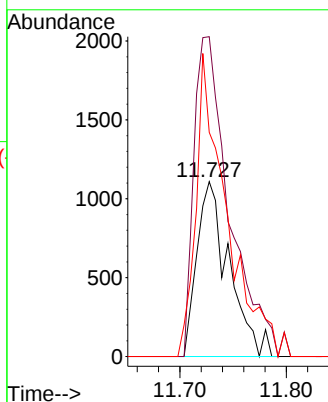
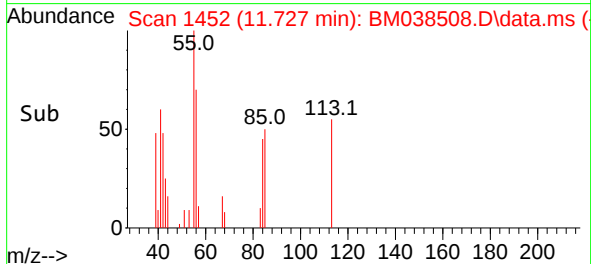
Tgt Ion:113 Resp: 2304
Ion Ratio Lower Upper
113 100
55 182.9 145.0 185.0
56 128.1 105.7 145.7

Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo

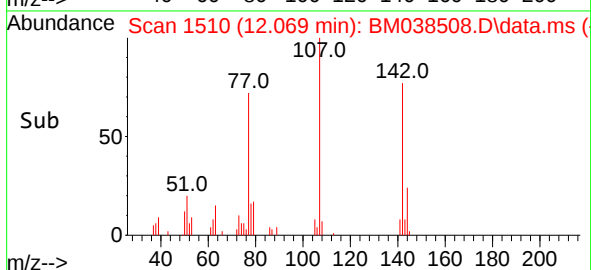
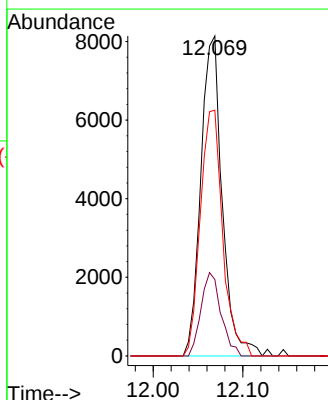
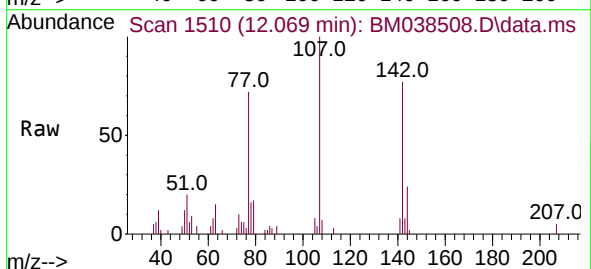
01/24/2023
Supervised By :Jagrut
Upadhyay

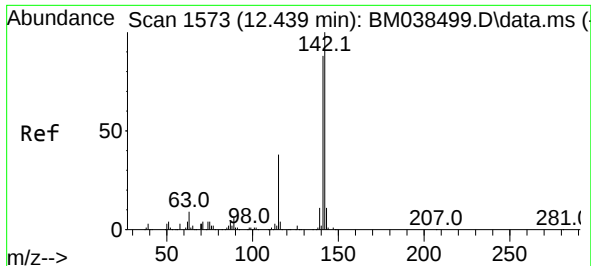
01/24/2023



#36
4-Chloro-3-methylphenol
Concen: 4.368 ng
RT: 12.069 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

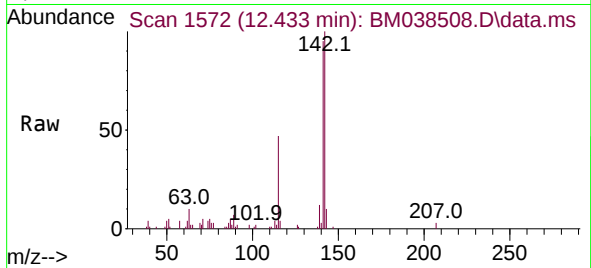
Tgt Ion:107 Resp: 13535
Ion Ratio Lower Upper
107 100
144 23.9 22.0 33.0
142 76.8 67.5 101.3





#37
2-Methylnaphthalene
Concen: 4.255 ng
RT: 12.433 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

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



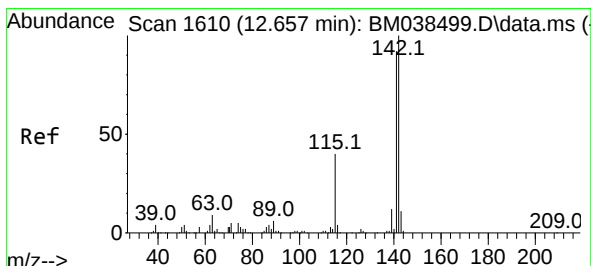
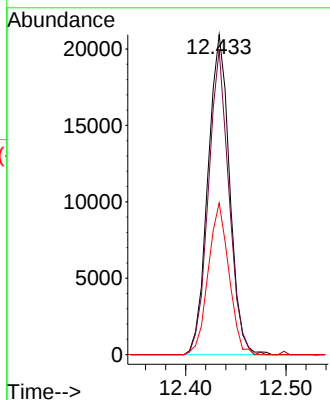
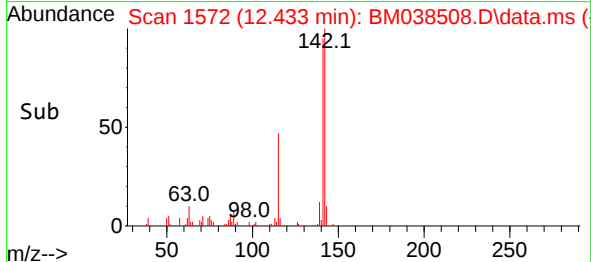
Tgt Ion:142 Resp: 3135
Ion Ratio Lower Upper
142 100
141 95.2 70.7 106.1
115 47.4 30.4 45.6

Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo

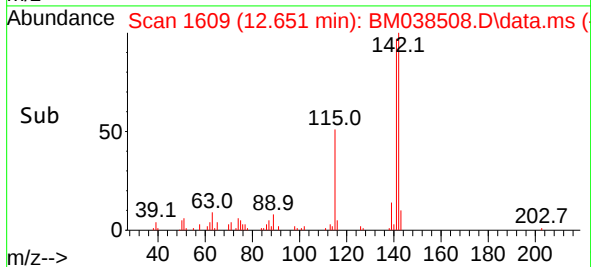
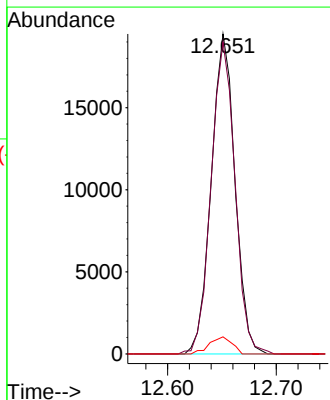
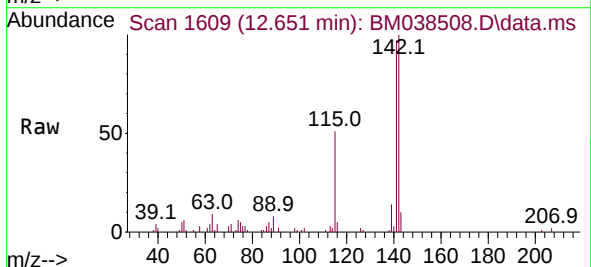
01/24/2023
Supervised By :Jagrut
Upadhyay

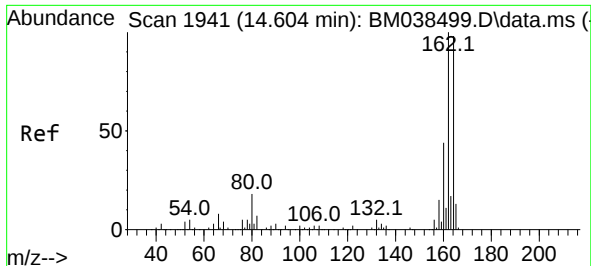
01/24/2023



#38
1-Methylnaphthalene
Concen: 4.239 ng m
RT: 12.651 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

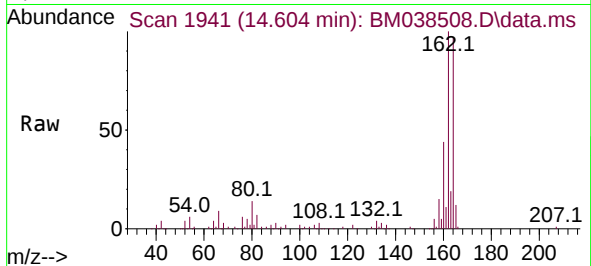
Tgt Ion:142 Resp: 29457
Ion Ratio Lower Upper
142 100
141 97.4 73.4 110.0
116 5.3 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

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



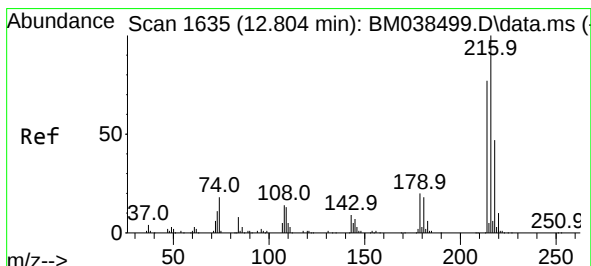
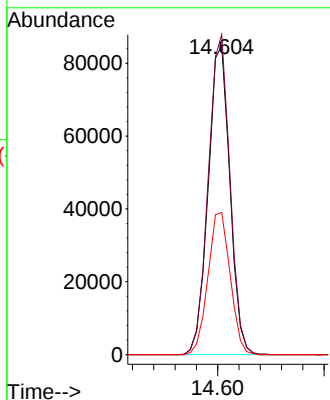
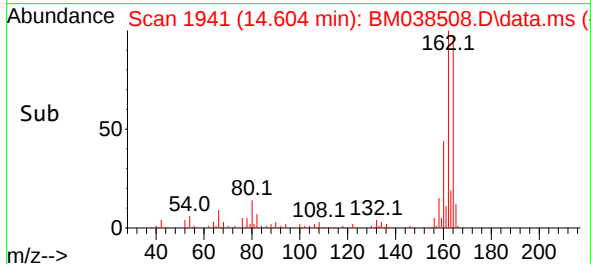
Tgt Ion:164 Resp: 120137
Ion Ratio Lower Upper
164 100
162 103.5 82.0 123.0
160 46.0 35.8 53.6

Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo

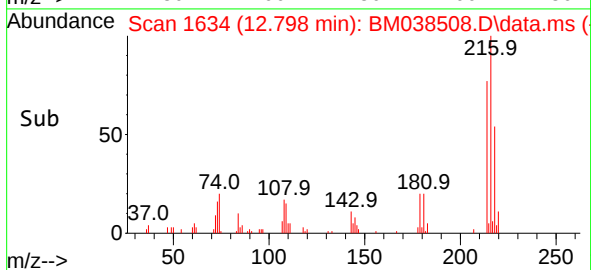
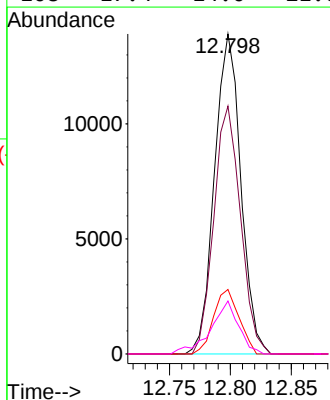
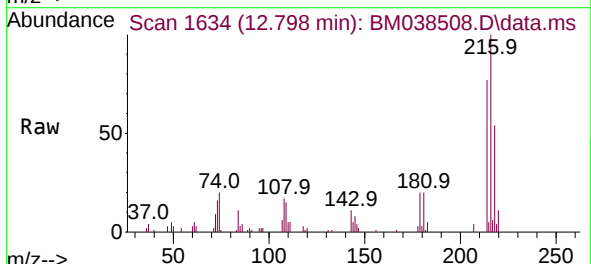
01/24/2023
Supervised By :Jagrut
Upadhyay

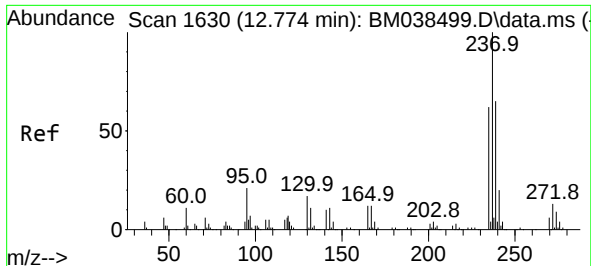
01/24/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.623 ng
RT: 12.798 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

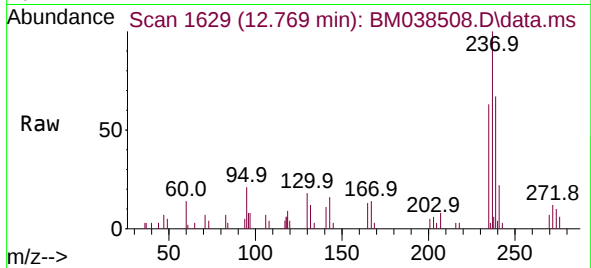
Tgt Ion:216 Resp: 20891
Ion Ratio Lower Upper
216 100
214 78.5 61.4 92.0
179 19.5 15.7 23.5
108 17.4 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 3.784 ng
RT: 12.769 min Scan# 1630
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

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



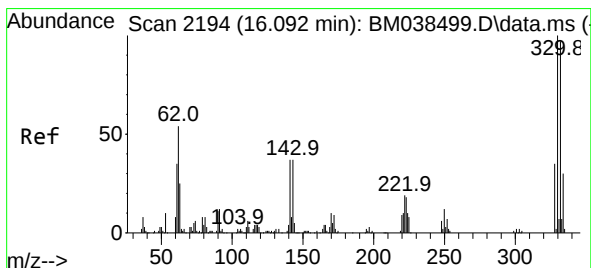
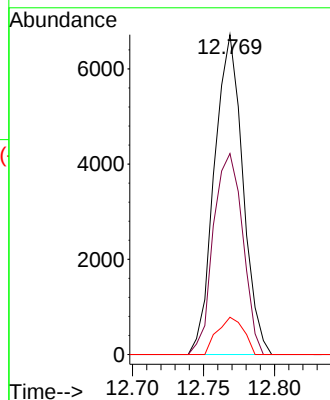
Tgt Ion: 237 Resp: 9398
Ion Ratio Lower Upper
237 100
235 62.8 42.3 82.3
272 11.7 0.0 32.9

Manual Integrations
APPROVED

Reviewed By : Christian
Giraldo

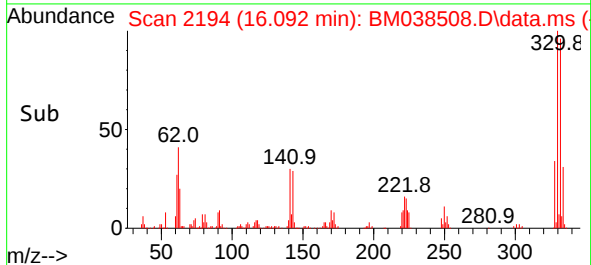
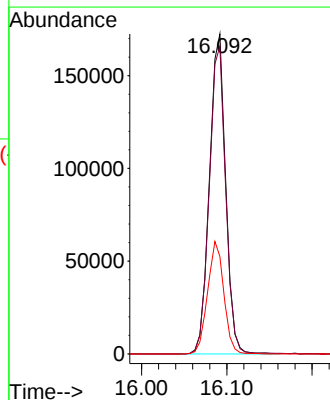
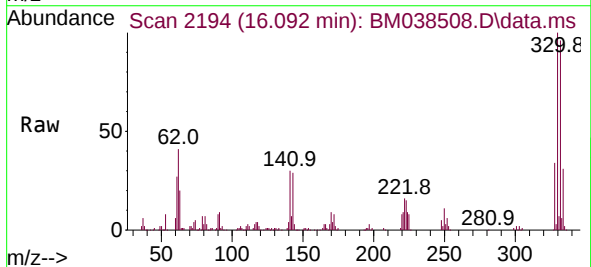
01/24/2023
Supervised By : Jagrut
Upadhyay

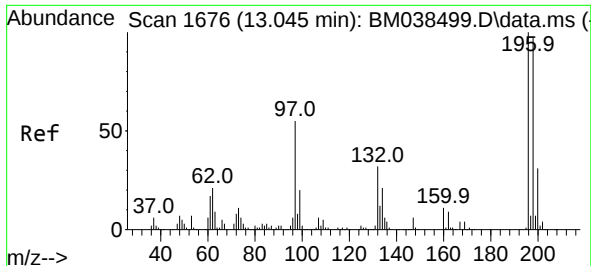
01/24/2023



#42
2,4,6-Tribromophenol
Concen: 131.528 ng
RT: 16.092 min Scan# 2194
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

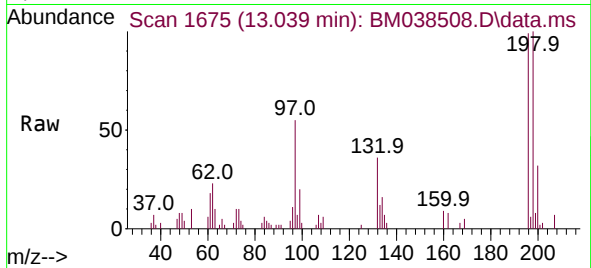
Tgt Ion: 330 Resp: 227544
Ion Ratio Lower Upper
330 100
332 96.7 77.5 116.3
141 35.2 29.0 43.4





#43
2,4,6-Trichlorophenol
Concen: 4.274 ng
RT: 13.039 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

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



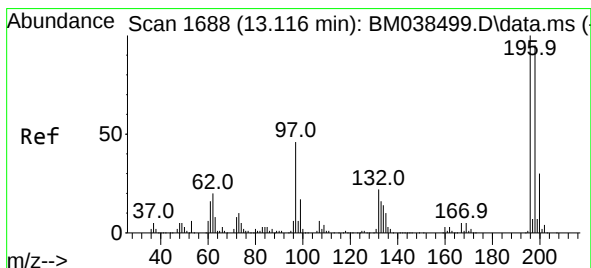
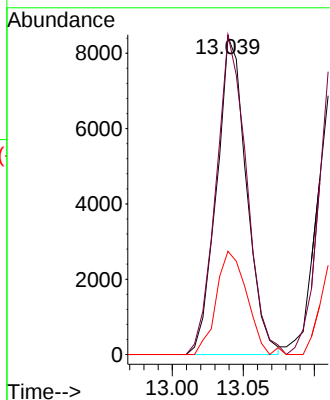
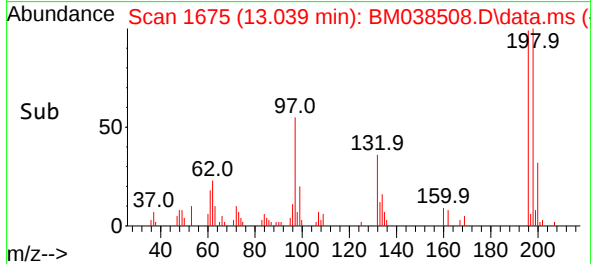
Tgt Ion:196 Resp: 12364
Ion Ratio Lower Upper
196 100
198 100.7 77.9 116.9
200 32.5 24.5 36.7

Manual Integrations
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Reviewed By :Christian
Giraldo

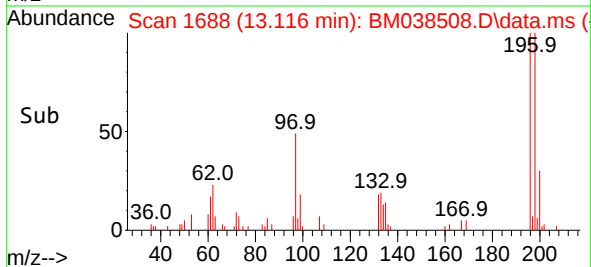
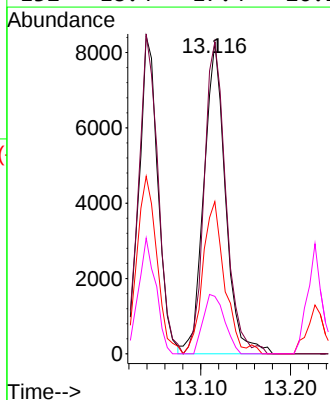
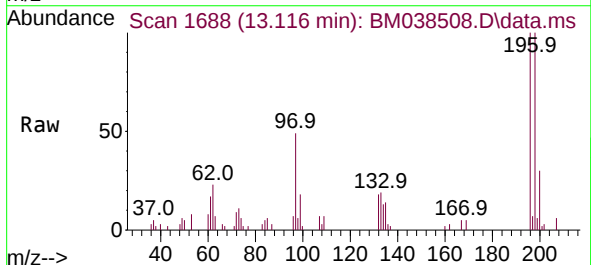
01/24/2023
Supervised By :Jagrut
Upadhyay

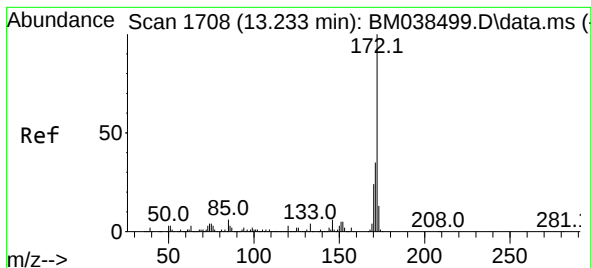
01/24/2023



#44
2,4,5-Trichlorophenol
Concen: 4.103 ng
RT: 13.116 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

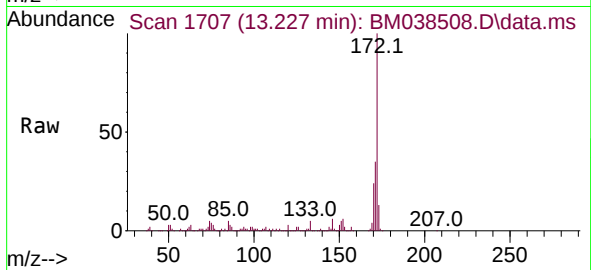
Tgt Ion:196 Resp: 13901
Ion Ratio Lower Upper
196 100
198 100.0 76.0 114.0
97 48.8 36.9 55.3
132 18.4 17.4 26.2





#45
2-Fluorobiphenyl
Concen: 73.262 ng
RT: 13.227 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

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



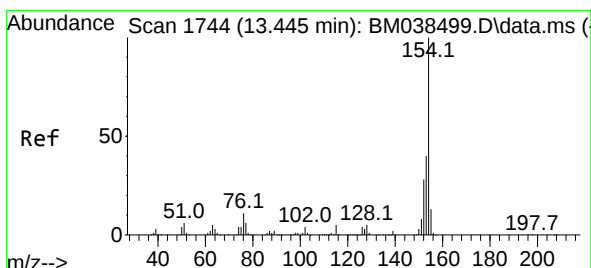
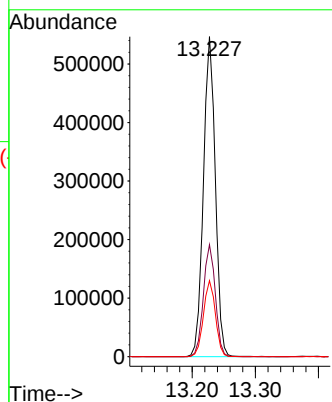
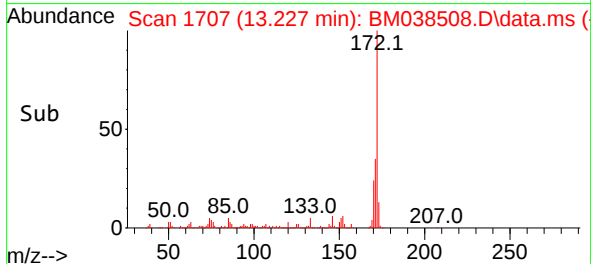
Tgt Ion:172 Resp: 714511
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 23.8 19.5 29.3

Manual Integrations
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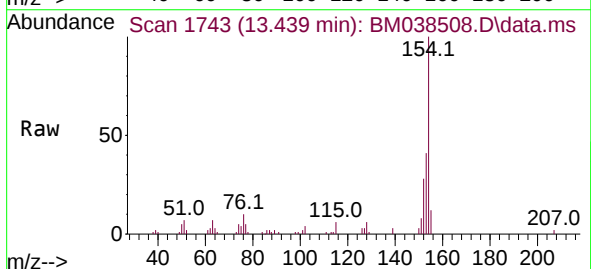
Reviewed By :Christian
Giraldo

01/24/2023
Supervised By :Jagrut
Upadhyay

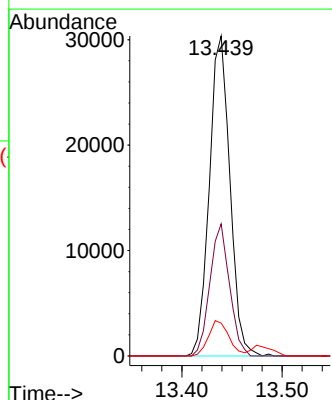
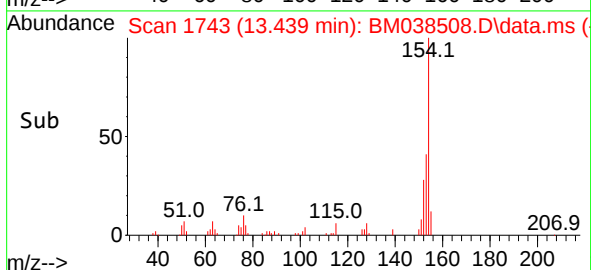
01/24/2023

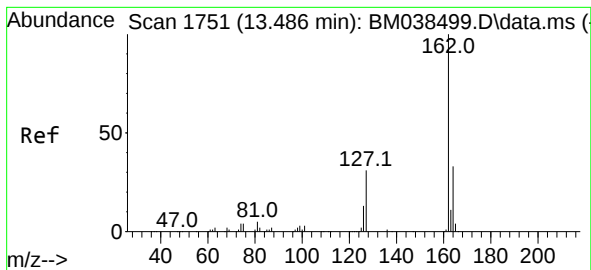


#46
1,1'-Biphenyl
Concen: 4.489 ng
RT: 13.439 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16



Tgt Ion:154 Resp: 43195
Ion Ratio Lower Upper
154 100
153 41.3 20.1 60.1
76 10.2 0.0 31.3





#47
2-Chloronaphthalene
Concen: 4.767 ng
RT: 13.480 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

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

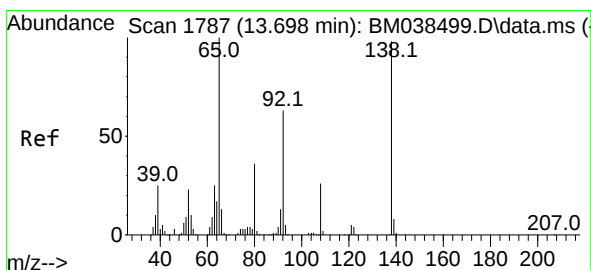
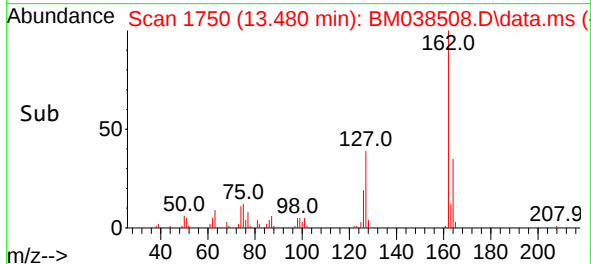
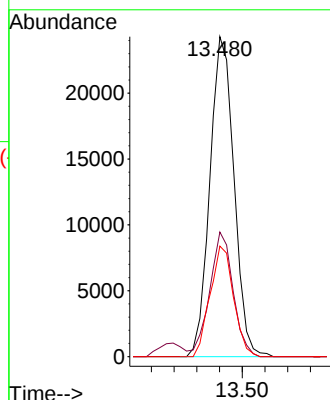
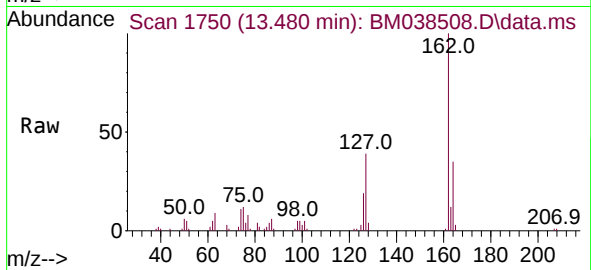
Tgt Ion:	162	Resp:	3580
Ion Ratio	Lower	Upper	
162	100		
127	38.9	27.4	41.2
164	34.5	26.7	40.1

Manual Integrations
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Reviewed By :Christian
Giraldo

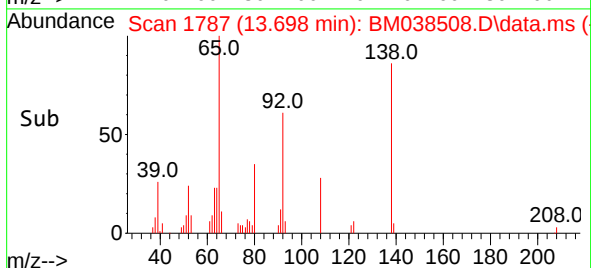
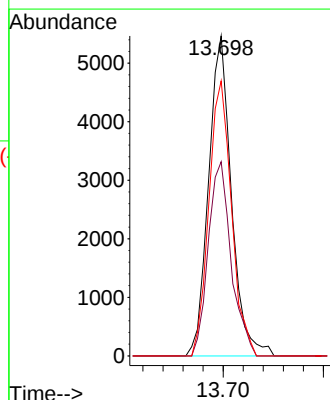
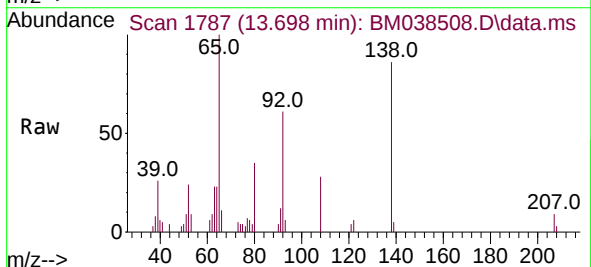
01/24/2023
Supervised By :Jagrut
Upadhyay

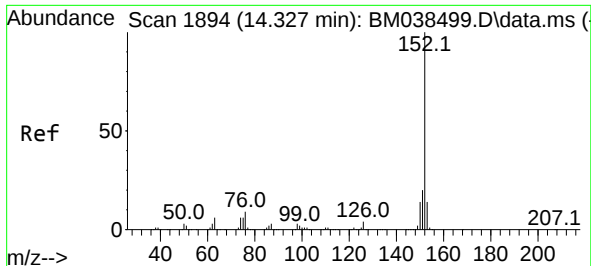
01/24/2023



#48
2-Nitroaniline
Concen: 3.920 ng
RT: 13.698 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

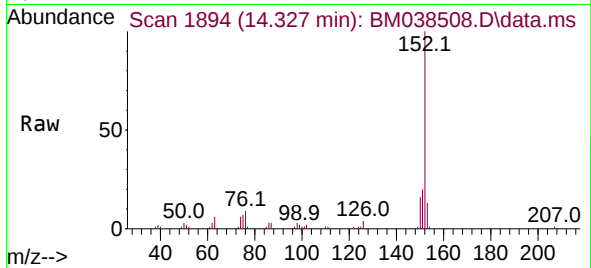
Tgt Ion:	65	Resp:	8646
Ion Ratio	Lower	Upper	
65	100		
92	60.7	50.0	75.0
138	85.9	78.2	117.2





#49
Acenaphthylene
Concen: 4.175 ng
RT: 14.327 min Scan# 1894
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

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



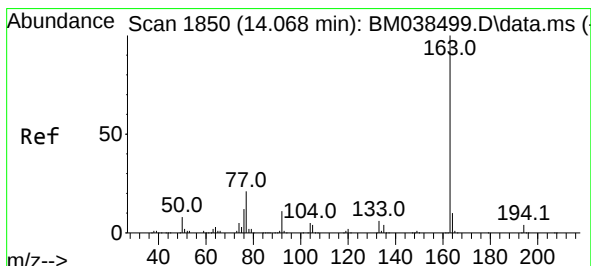
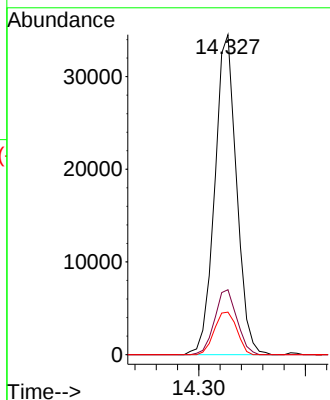
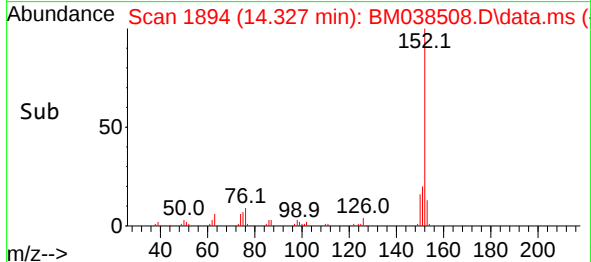
Tgt Ion:152 Resp: 49063
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 13.3 10.8 16.2

Manual Integrations
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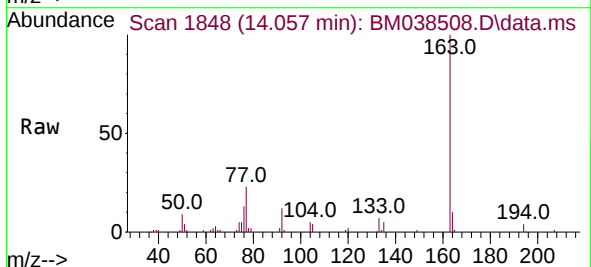
Reviewed By :Christian
Giraldo

01/24/2023
Supervised By :Jagrut
Upadhyay

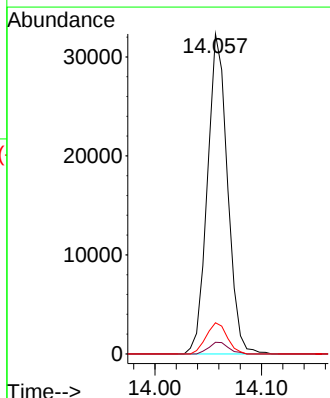
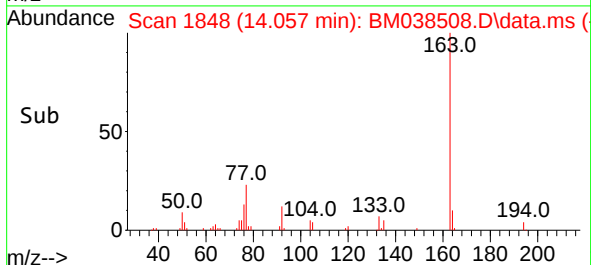
01/24/2023

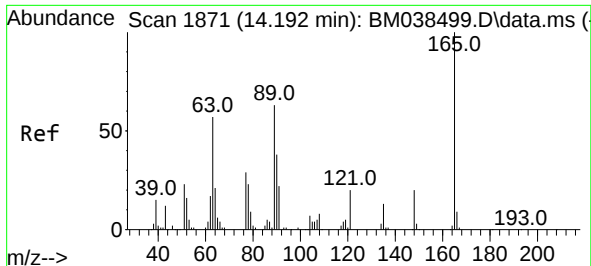


#50
Dimethylphthalate
Concen: 4.577 ng
RT: 14.057 min Scan# 1848
Delta R.T. -0.012 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16



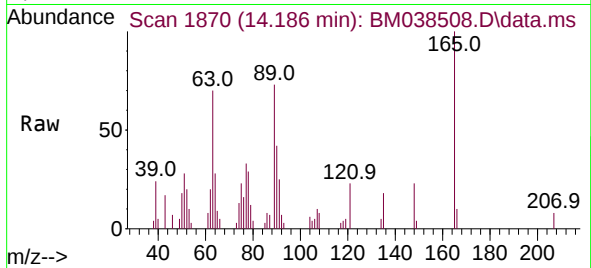
Tgt Ion:163 Resp: 42325
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 9.7 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 3.941 ng
RT: 14.186 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

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



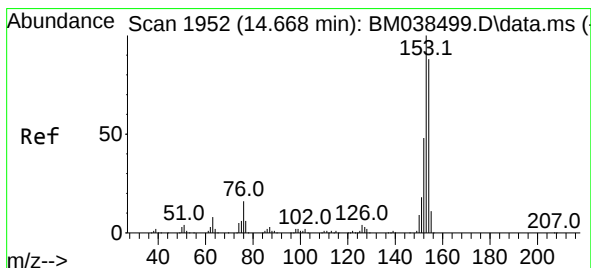
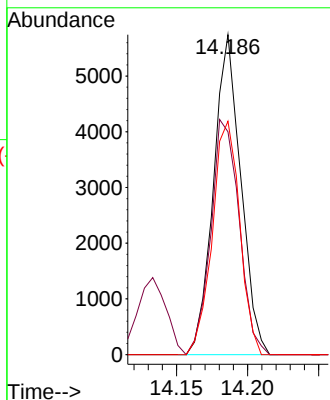
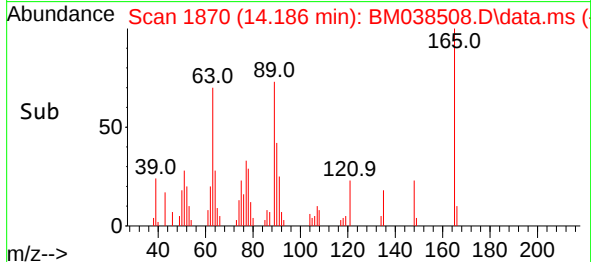
Tgt Ion:165 Resp: 7670
Ion Ratio Lower Upper
165 100
63 69.6 51.0 76.4
89 72.9 50.2 75.4

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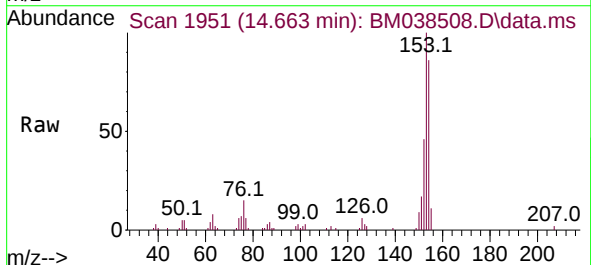
Reviewed By :Christian
Giraldo

01/24/2023
Supervised By :Jagrut
Upadhyay

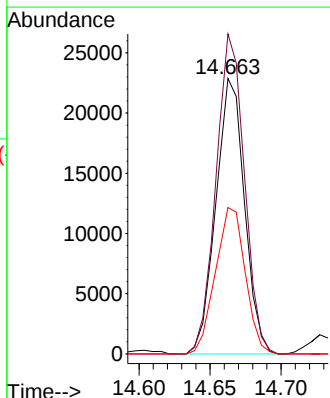
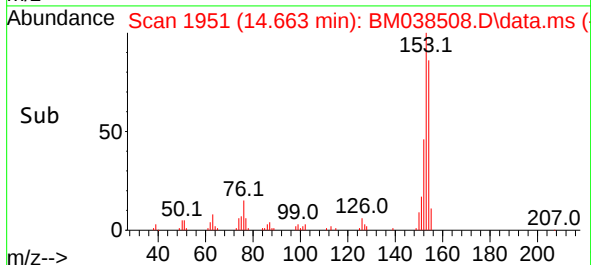
01/24/2023

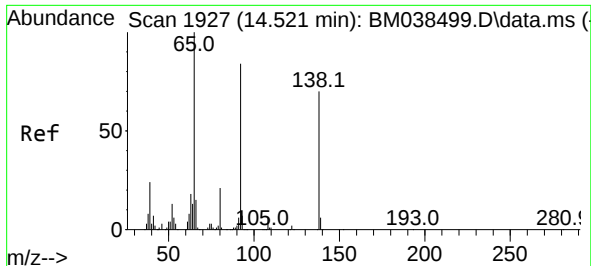


#52
Acenaphthene
Concen: 4.470 ng
RT: 14.663 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16



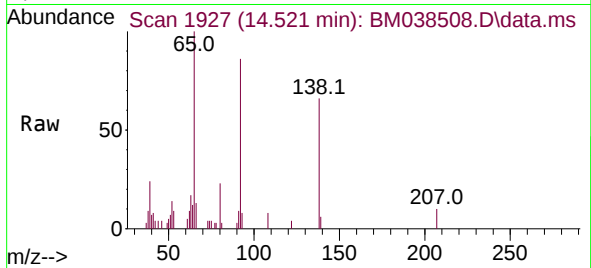
Tgt Ion:154 Resp: 32035
Ion Ratio Lower Upper
154 100
153 116.2 90.7 136.1
152 53.1 43.8 65.8





#53
3-Nitroaniline
Concen: 3.336 ng
RT: 14.521 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

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



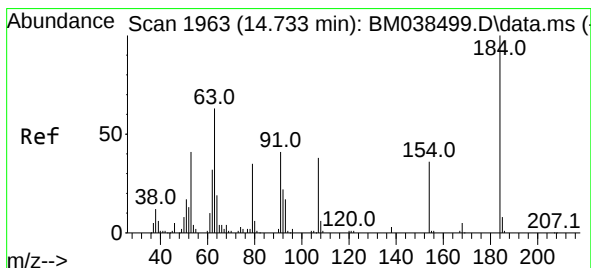
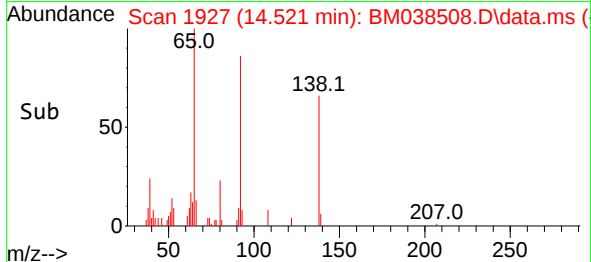
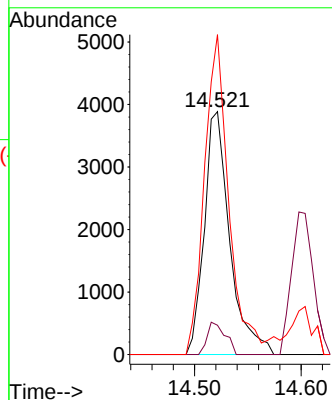
Tgt Ion:138 Resp: 6452
Ion Ratio Lower Upper
138 100
108 12.1 7.0 10.4
92 131.7 95.7 143.5

Manual Integrations
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Reviewed By :Christian
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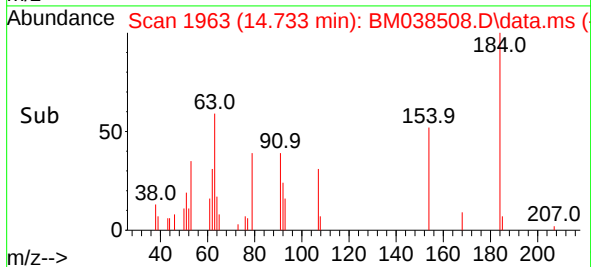
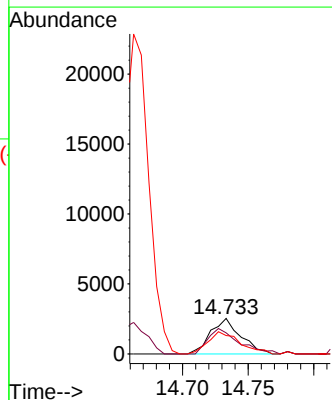
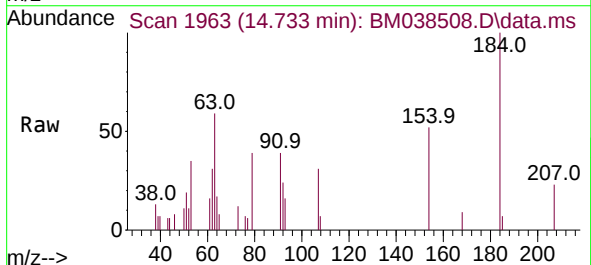
01/24/2023
Supervised By :Jagrut
Upadhyay

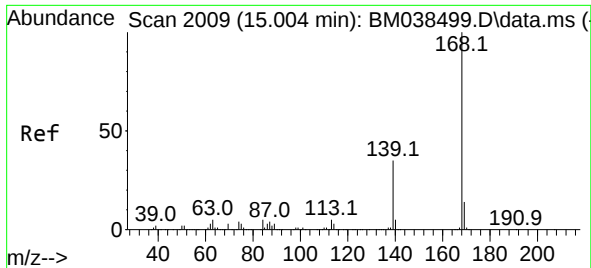
01/24/2023



#54
2,4-Dinitrophenol
Concen: 7.353 ng
RT: 14.733 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

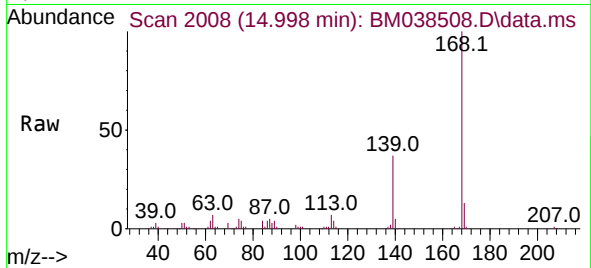
Tgt Ion:184 Resp: 4031
Ion Ratio Lower Upper
184 100
63 59.1 52.2 78.4
154 51.5 48.9 73.3





#55
Dibenzofuran
Concen: 4.587 ng
RT: 14.998 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

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



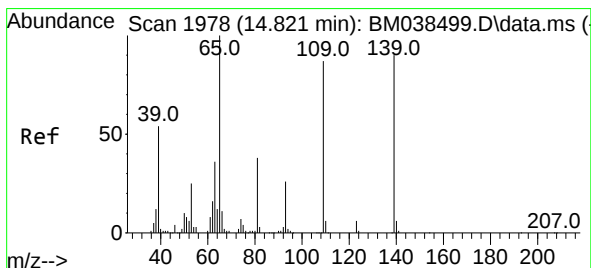
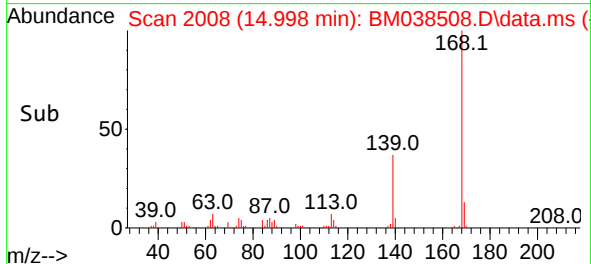
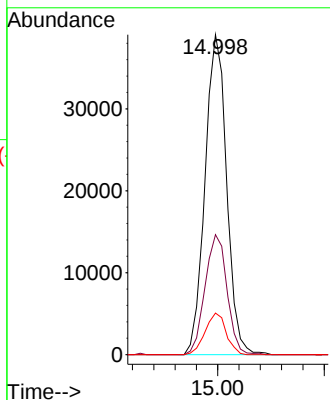
Tgt Ion:168 Resp: 54958
Ion Ratio Lower Upper
168 100
139 37.5 27.9 41.9
169 13.0 11.0 16.6

Manual Integrations
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Reviewed By :Christian
Giraldo

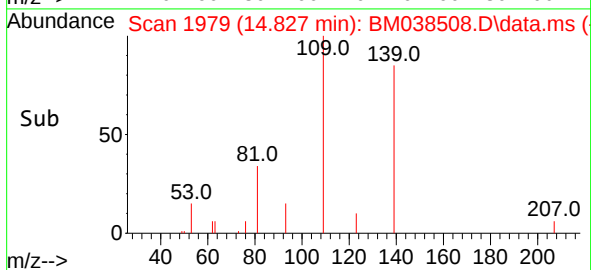
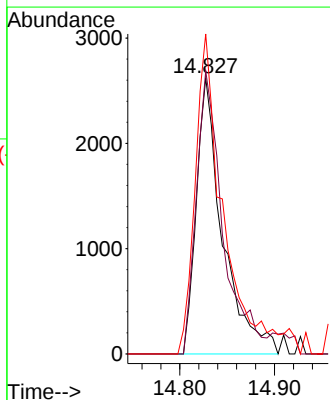
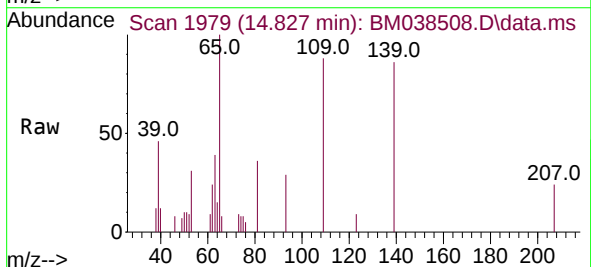
01/24/2023
Supervised By :Jagrut
Upadhyay

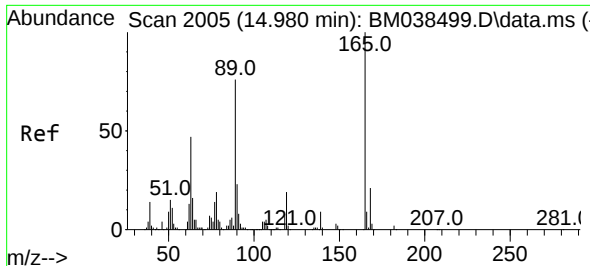
01/24/2023



#56
4-Nitrophenol
Concen: 3.163 ng
RT: 14.827 min Scan# 1979
Delta R.T. 0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

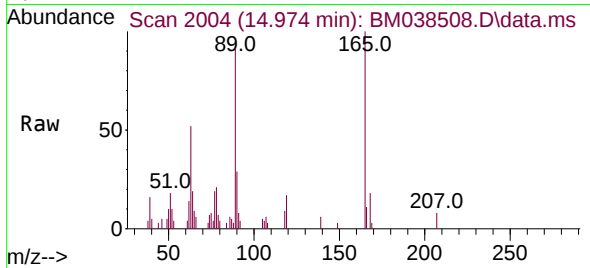
Tgt Ion:139 Resp: 5037
Ion Ratio Lower Upper
139 100
109 102.7 76.8 116.8
65 116.0 91.7 131.7





#57
2,4-Dinitrotoluene
Concen: 3.648 ng
RT: 14.974 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

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



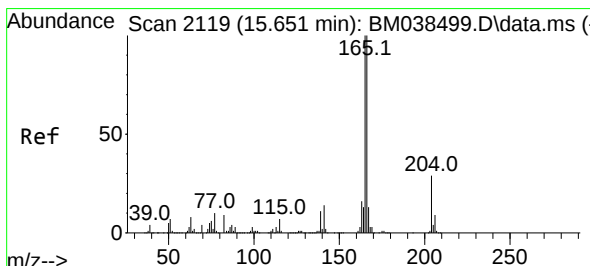
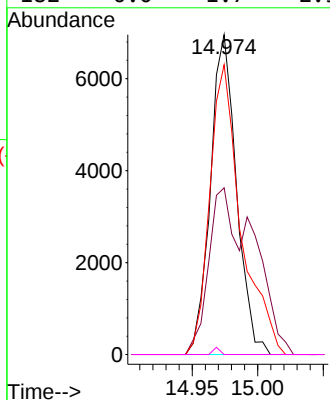
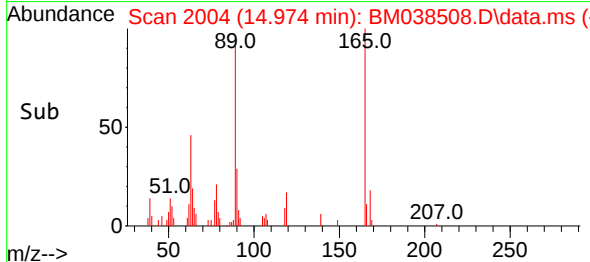
Tgt Ion:165 Resp: 9625
Ion Ratio Lower Upper
165 100
63 52.1 37.8 56.8
89 90.6 60.9 91.3
182 0.0 1.7 2.5#

Manual Integrations
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Reviewed By :Christian
Giraldo

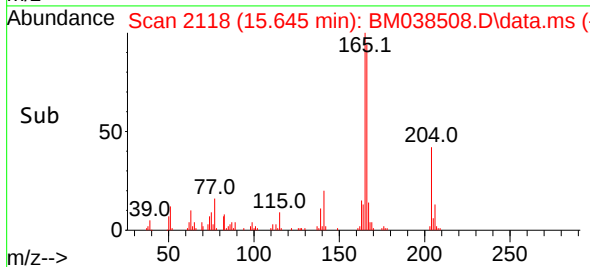
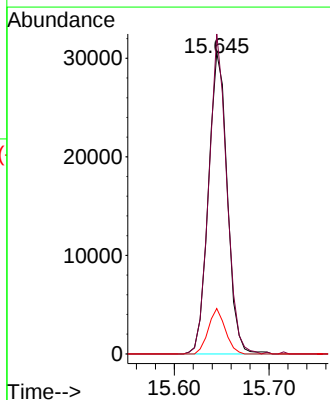
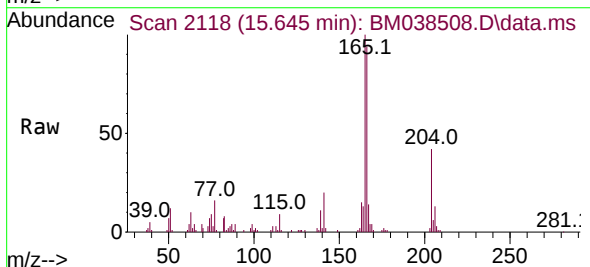
01/24/2023
Supervised By :Jagrut
Upadhyay

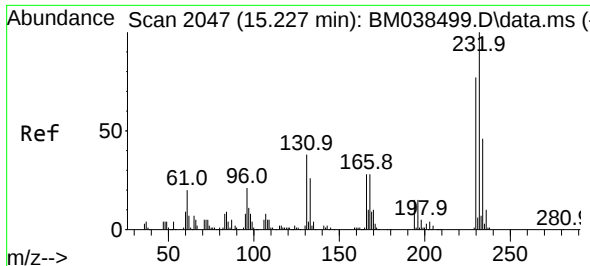
01/24/2023



#58
Fluorene
Concen: 4.365 ng
RT: 15.645 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

Tgt Ion:166 Resp: 42412
Ion Ratio Lower Upper
166 100
165 106.3 79.6 119.4
167 15.1 10.5 15.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 4.420 ng

RT: 15.227 min Scan# 2047

Delta R.T. 0.000 min

Lab File: BM038508.D

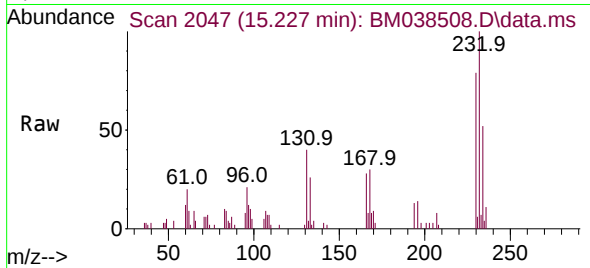
Acq: 23 Jan 2023 13:16

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2022



Tgt Ion:232 Resp: 1224

Ion Ratio Lower Upper

232 100

131 42.4 31.0 46.4

130 1.5 1.8 2.6

166 28.4 22.7 34.1

Manual Integrations

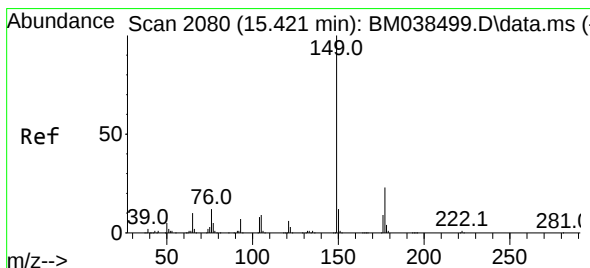
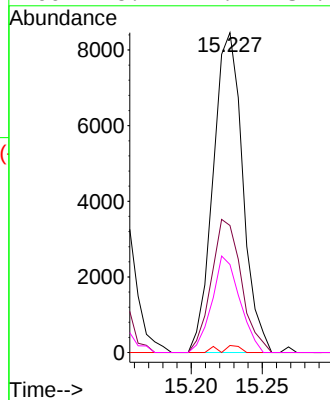
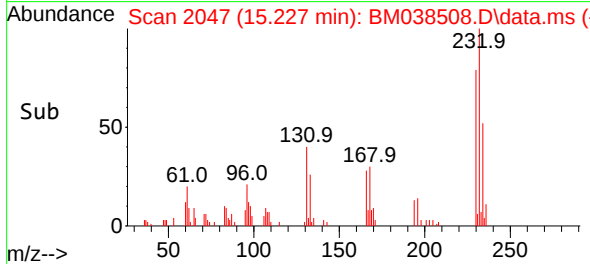
APPROVED

Reviewed By :Christian
Giraldo

01/24/2023

Supervised By :Jagrut
Upadhyay

01/24/2023



#60

Diethylphthalate

Concen: 4.326 ng

RT: 15.415 min Scan# 2079

Delta R.T. -0.006 min

Lab File: BM038508.D

Acq: 23 Jan 2023 13:16

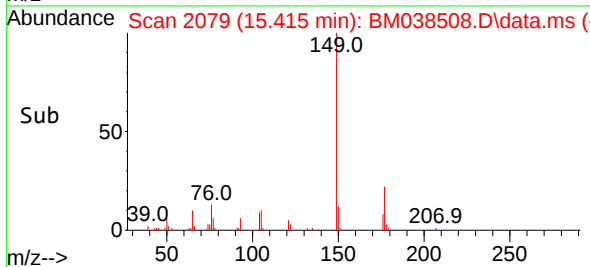
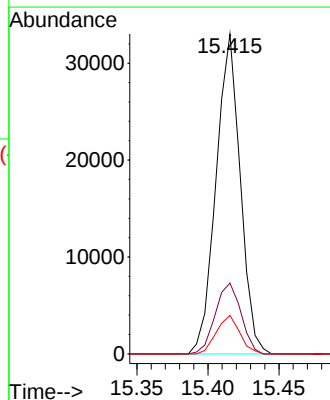
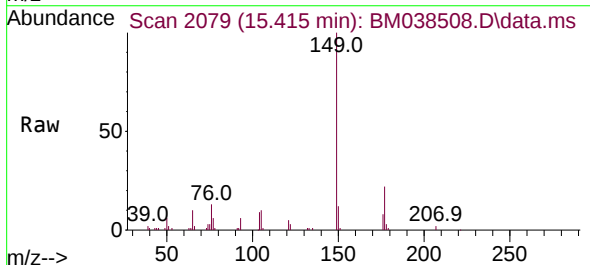
Tgt Ion:149 Resp: 39179

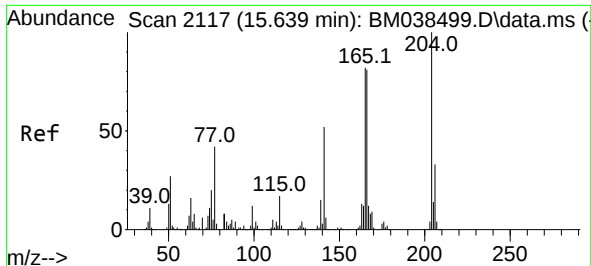
Ion Ratio Lower Upper

149 100

177 22.1 18.6 27.8

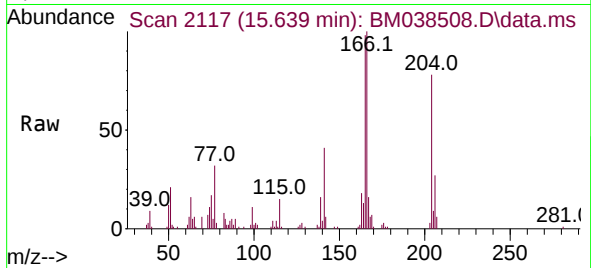
150 12.0 9.5 14.3





#61
4-Chlorophenyl-phenylether
Concen: 4.607 ng
RT: 15.639 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

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



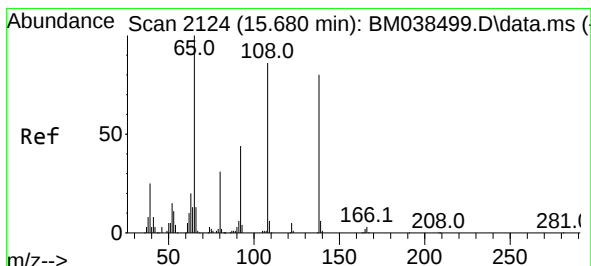
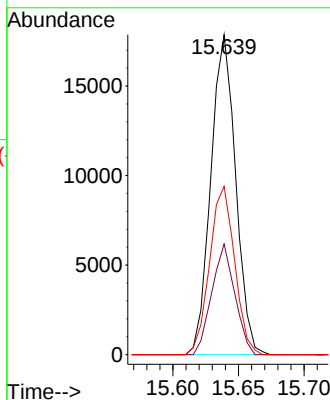
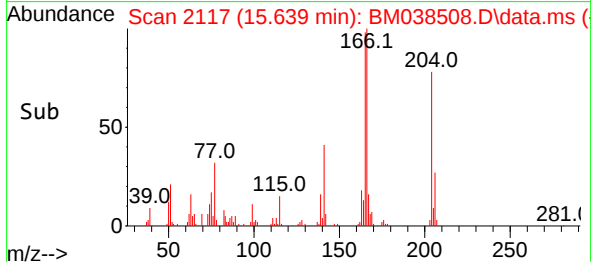
Tgt Ion:204 Resp: 23502
Ion Ratio Lower Upper
204 100
206 34.6 26.2 39.4
141 52.6 41.5 62.3

Manual Integrations
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Reviewed By :Christian
Giraldo

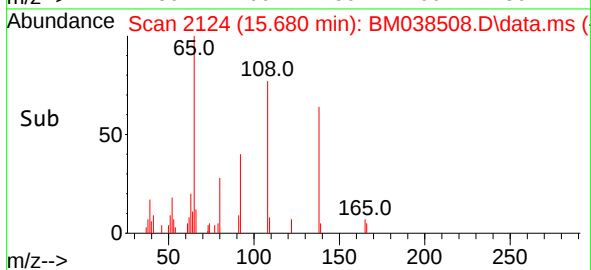
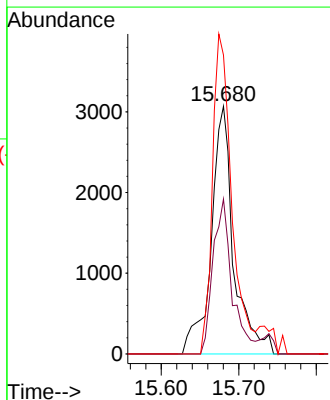
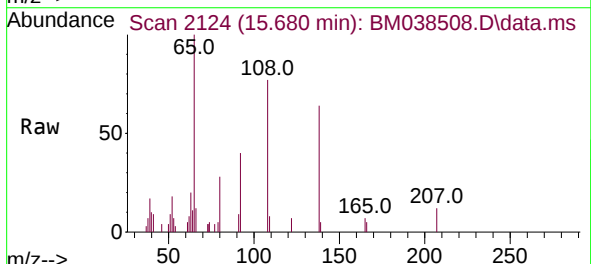
01/24/2023
Supervised By :Jagrut
Upadhyay

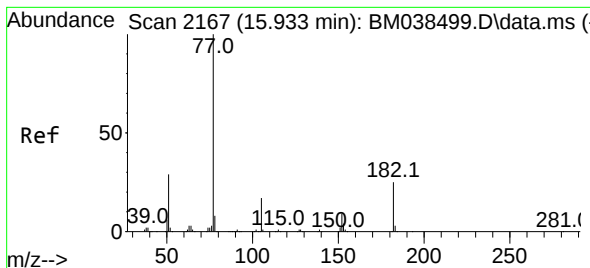
01/24/2023



#62
4-Nitroaniline
Concen: 5.983 ng
RT: 15.680 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

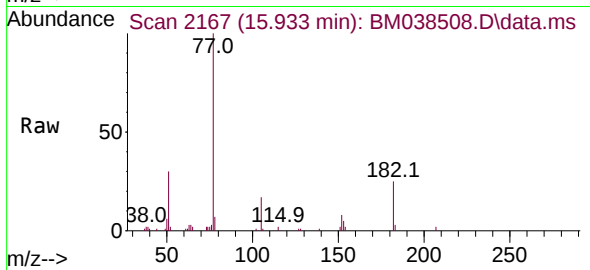
Tgt Ion:138 Resp: 6187
Ion Ratio Lower Upper
138 100
92 62.6 35.2 75.2
108 120.7 87.3 127.3





#63
Azobenzene
Concen: 4.239 ng
RT: 15.933 min Scan# 2167
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

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



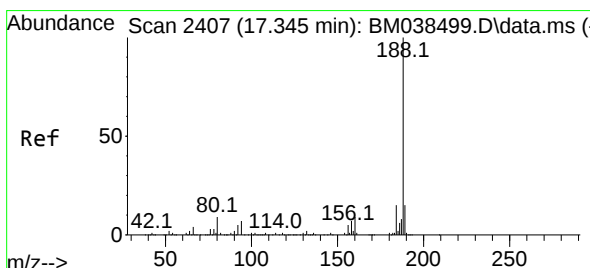
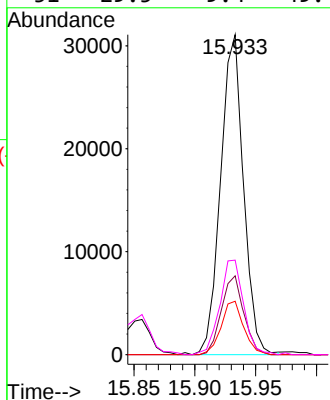
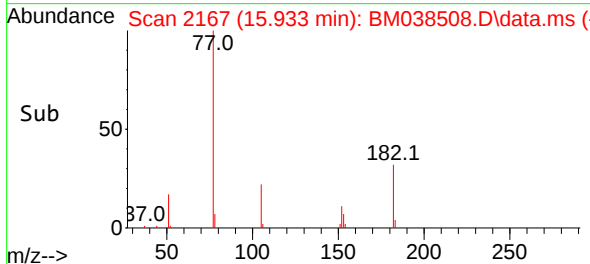
Tgt Ion: 77	Resp: 40675
Ion Ratio	Lower Upper
77 100	
182 24.6	4.7 44.7
105 16.7	0.0 36.7
51 29.5	9.4 49.4

Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo

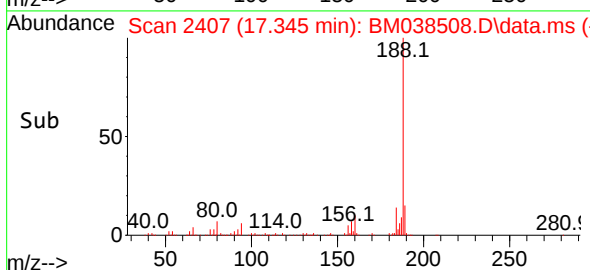
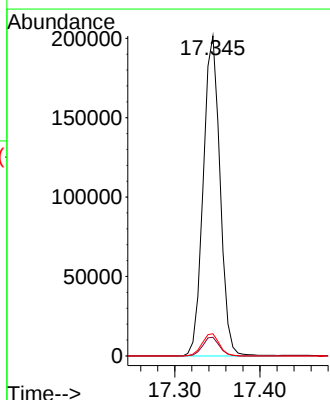
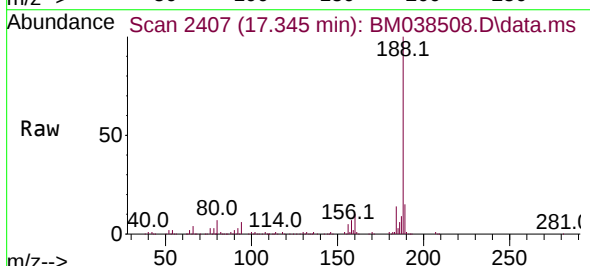
01/24/2023
Supervised By :Jagrut
Upadhyay

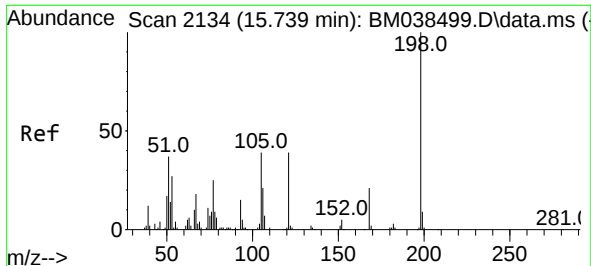
01/24/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.345 min Scan# 2407
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

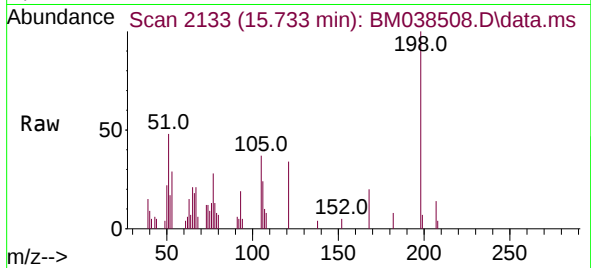
Tgt Ion:188	Resp: 275592
Ion Ratio	Lower Upper
188 100	
94 5.8	6.0 9.0#
80 6.9	6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 3.370 ng
RT: 15.733 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

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



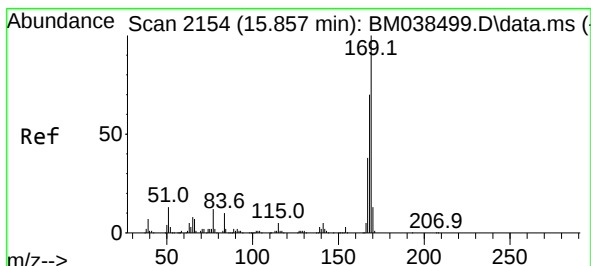
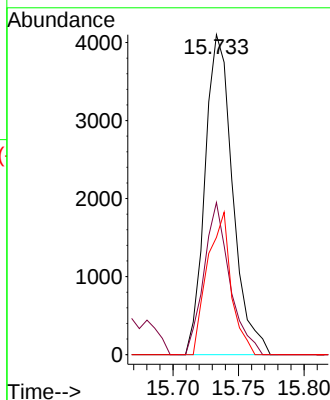
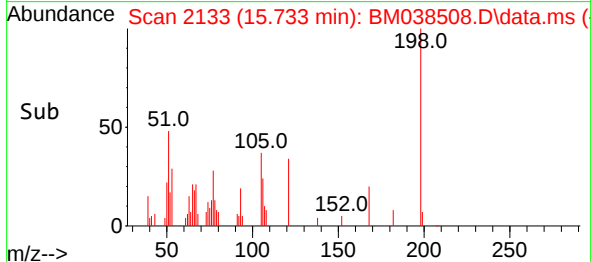
Tgt Ion:198 Resp: 6028
Ion Ratio Lower Upper
198 100
51 47.5 18.8 58.8
105 36.6 19.7 59.7

Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo

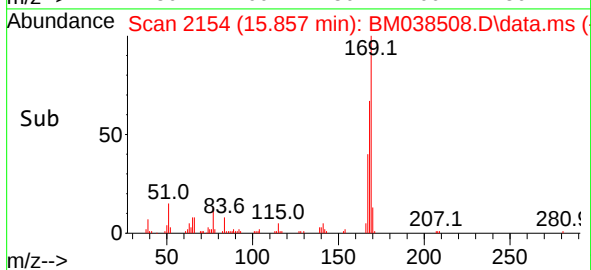
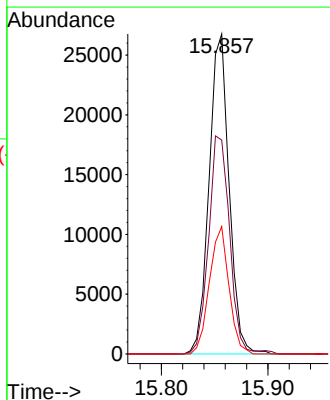
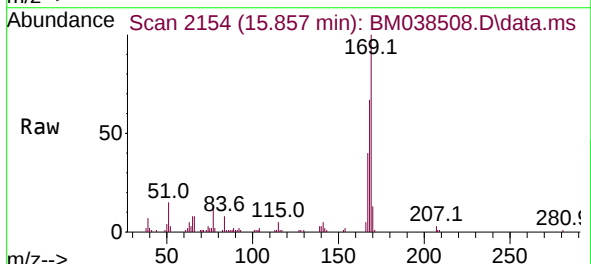
01/24/2023
Supervised By :Jagrut
Upadhyay

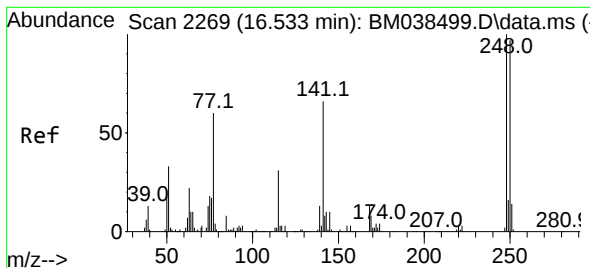
01/24/2023



#66
n-Nitrosodiphenylamine
Concen: 4.225 ng
RT: 15.857 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

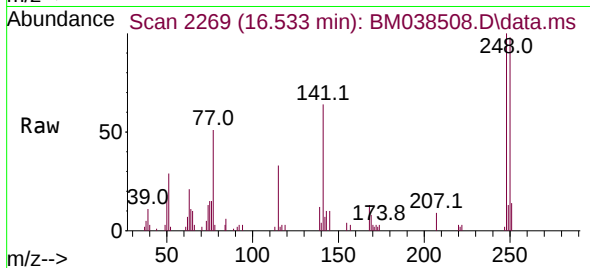
Tgt Ion:169 Resp: 34955
Ion Ratio Lower Upper
169 100
168 66.8 55.8 83.8
167 39.8 30.3 45.5





#67
4-Bromophenyl-phenylether
Concen: 4.594 ng
RT: 16.533 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

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



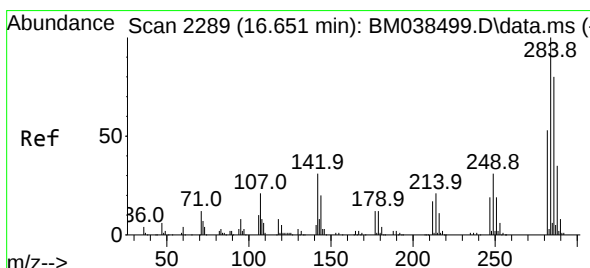
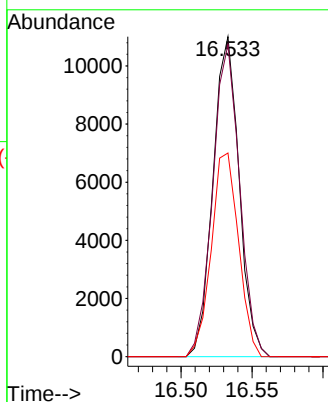
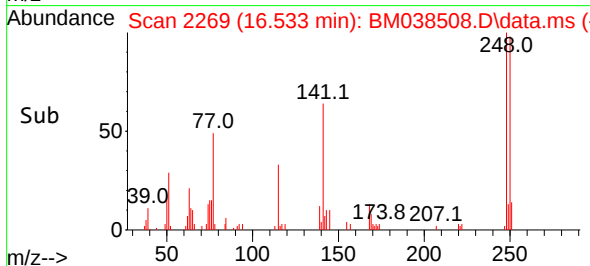
Tgt Ion:248 Resp: 14043
Ion Ratio Lower Upper
248 100
250 97.5 77.6 116.4
141 63.6 52.5 78.7

Manual Integrations
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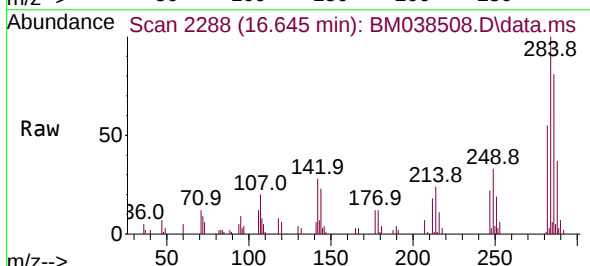
Reviewed By :Christian
Giraldo

01/24/2023
Supervised By :Jagrut
Upadhyay

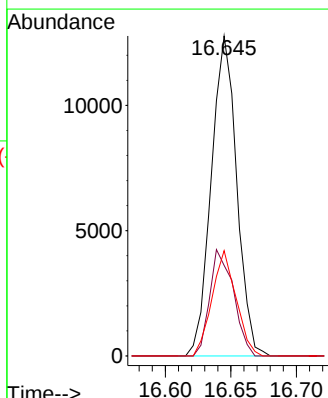
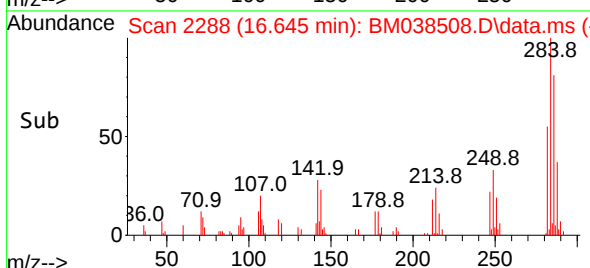
01/24/2023

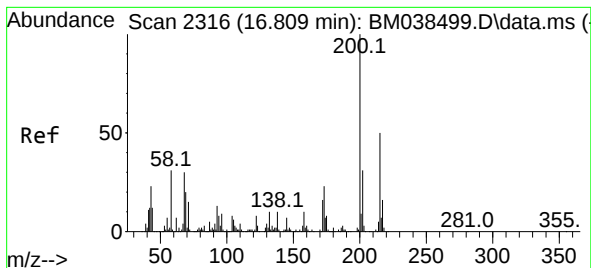


#68
Hexachlorobenzene
Concen: 5.231 ng
RT: 16.645 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16



Tgt Ion:284 Resp: 17255
Ion Ratio Lower Upper
284 100
142 28.3 25.2 37.8
249 32.9 24.4 36.6





#69

Atrazine

Concen: 4.542 ng

RT: 16.804 min Scan# 2316

Delta R.T. -0.006 min

Lab File: BM038508.D

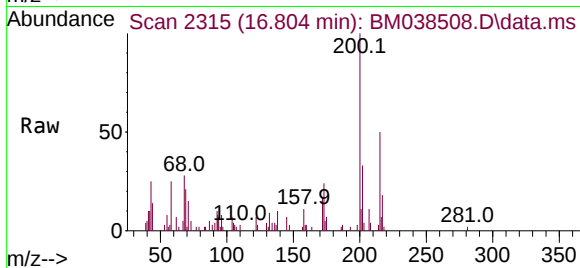
Acq: 23 Jan 2023 13:16

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2022



Tgt Ion:	200	Resp:	12536
Ion Ratio	Lower	Upper	
200	100		
173	24.5	3.5	43.5
215	49.7	30.0	70.0

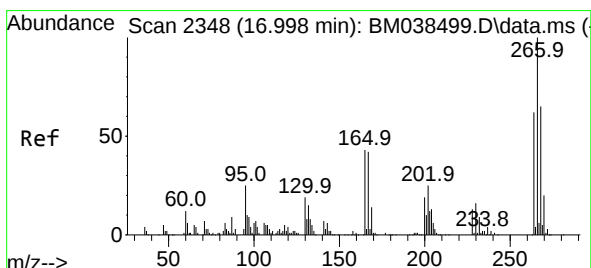
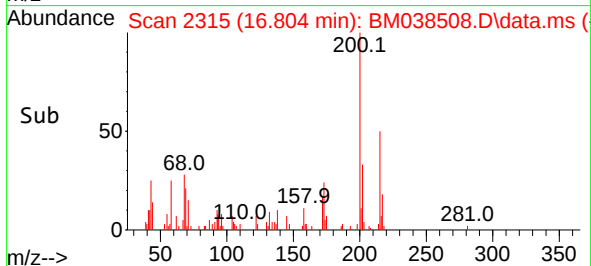
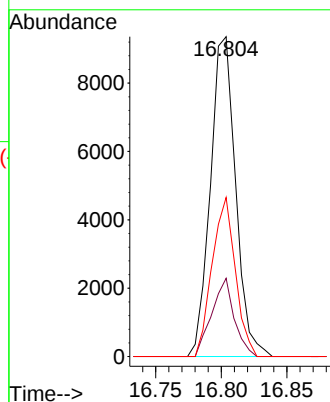
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo

01/24/2023

Supervised By :Jagrut
Upadhyay

01/24/2023



#70

Pentachlorophenol

Concen: 3.784 ng

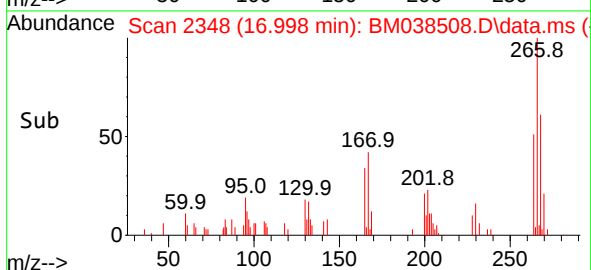
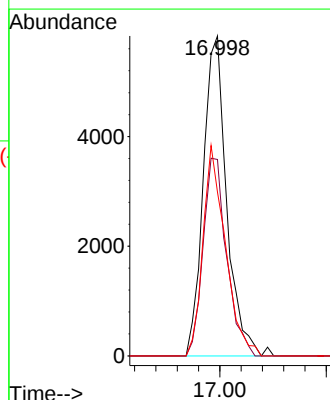
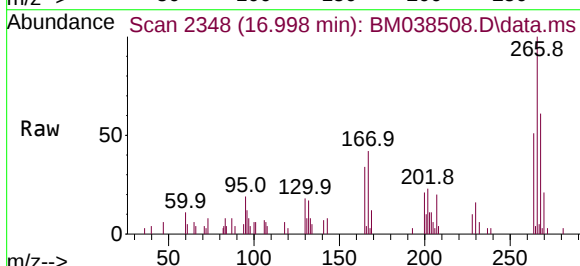
RT: 16.998 min Scan# 2348

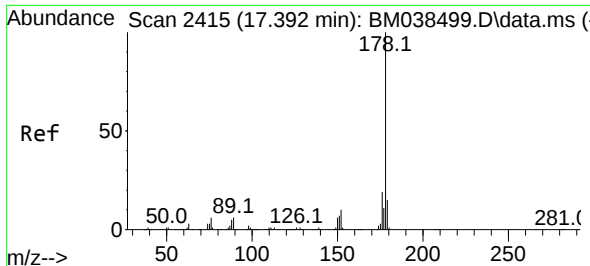
Delta R.T. 0.000 min

Lab File: BM038508.D

Acq: 23 Jan 2023 13:16

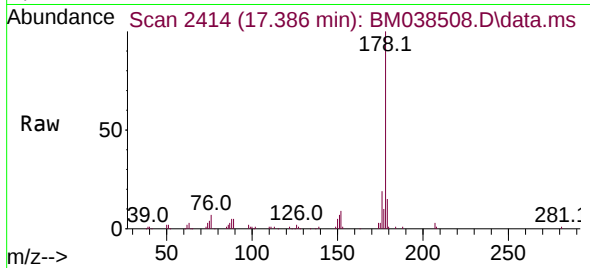
Tgt Ion:	266	Resp:	8887
Ion Ratio	Lower	Upper	
266	100		
268	64.7	51.7	77.5
264	51.2	49.4	74.0





#71
Phenanthrene
Concen: 4.547 ng
RT: 17.386 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

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



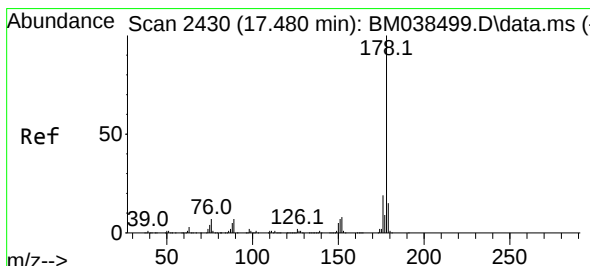
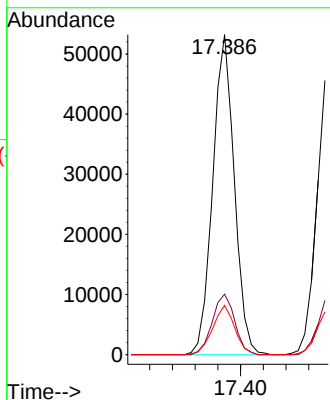
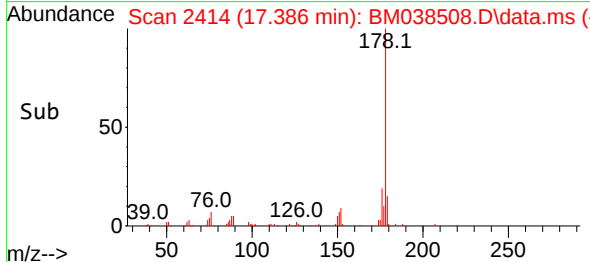
Tgt Ion:178 Resp: 69978
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.4 12.2 18.4

Manual Integrations
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Reviewed By :Christian
Giraldo

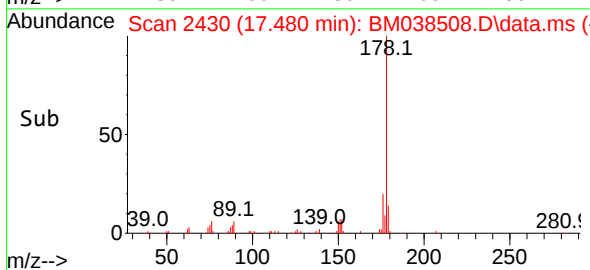
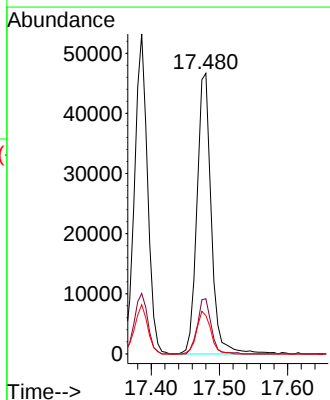
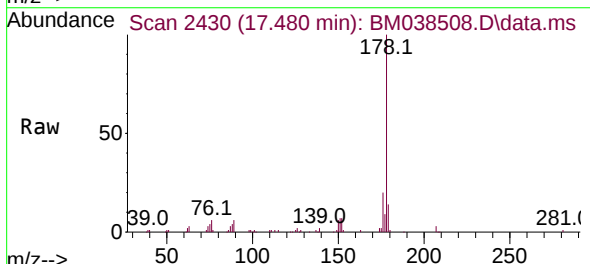
01/24/2023
Supervised By :Jagrut
Upadhyay

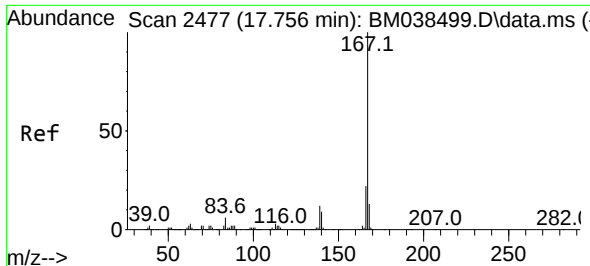
01/24/2023



#72
Anthracene
Concen: 4.344 ng
RT: 17.480 min Scan# 2430
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

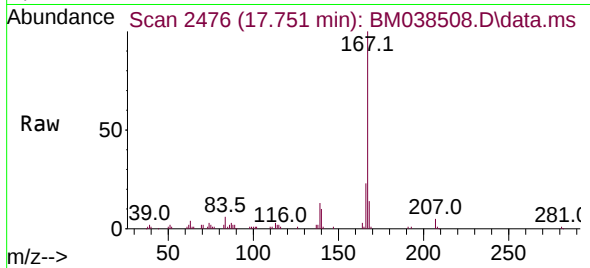
Tgt Ion:178 Resp: 68022
Ion Ratio Lower Upper
178 100
176 19.6 15.0 22.6
179 13.6 12.2 18.4





#73
 Carbazole
 Concen: 4.303 ng
 RT: 17.751 min Scan# 2477
 Delta R.T. -0.006 min
 Lab File: BM038508.D
 Acq: 23 Jan 2023 13:16

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



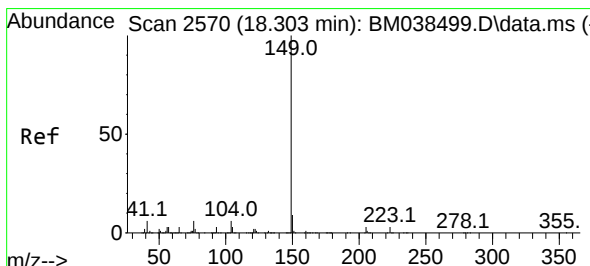
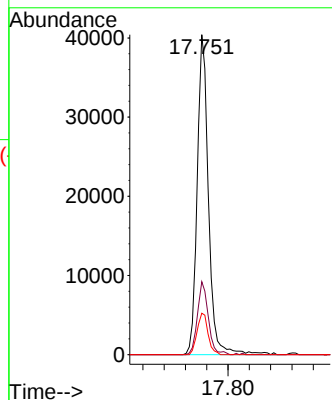
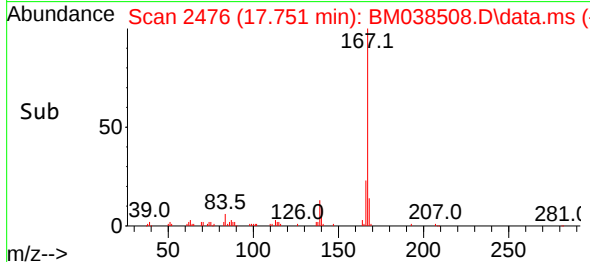
Tgt Ion:167 Resp: 59349
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.7 26.5
 139 12.9 9.4 14.0

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo

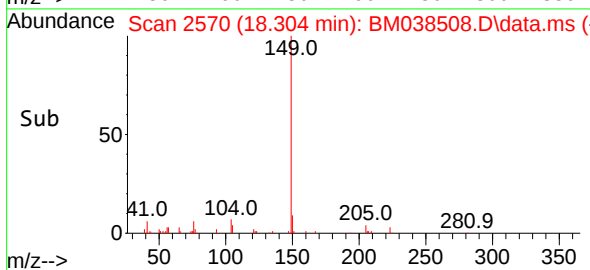
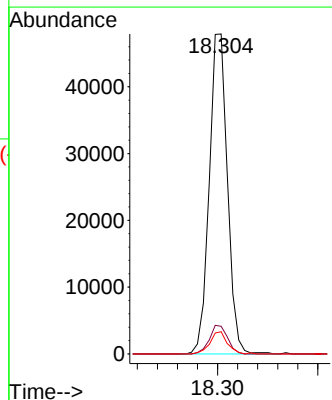
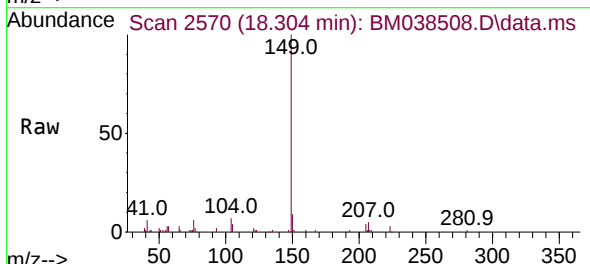
01/24/2023
 Supervised By :Jagrut
 Upadhyay

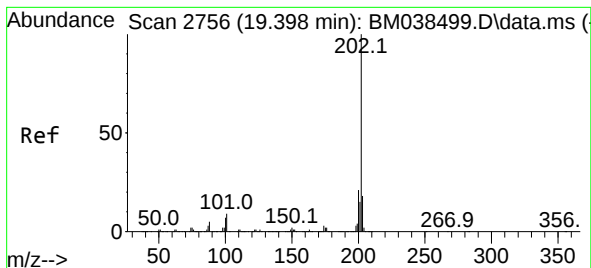
01/24/2023



#74
 Di-n-butylphthalate
 Concen: 3.974 ng
 RT: 18.304 min Scan# 2570
 Delta R.T. 0.000 min
 Lab File: BM038508.D
 Acq: 23 Jan 2023 13:16

Tgt Ion:149 Resp: 60205
 Ion Ratio Lower Upper
 149 100
 150 8.6 7.4 11.0
 104 6.9 4.6 6.8





#75

Fluoranthene

Concen: 4.422 ng

RT: 19.398 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038508.D

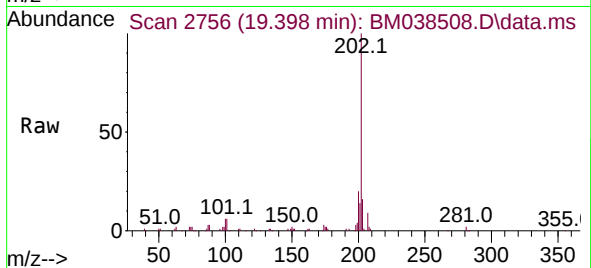
Acq: 23 Jan 2023 13:16

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2022



Tgt Ion:	202	Resp:	81799
Ion Ratio	Lower	Upper	
202	100		
101	6.4	0.0	28.7
203	16.0	0.0	37.6

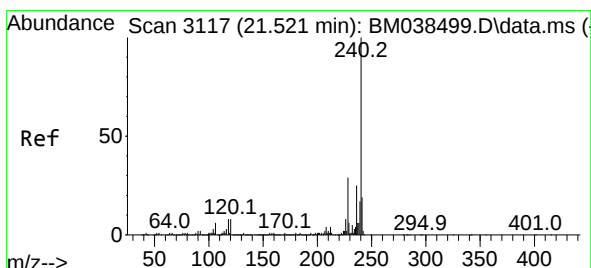
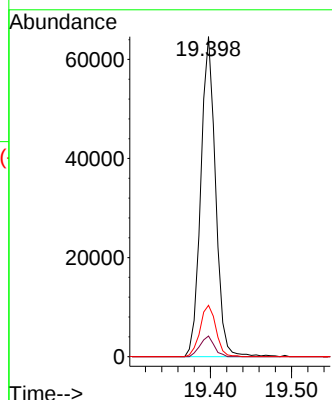
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo

01/24/2023

Supervised By :Jagrut
Upadhyay

01/24/2023



#76

Chrysene-d12

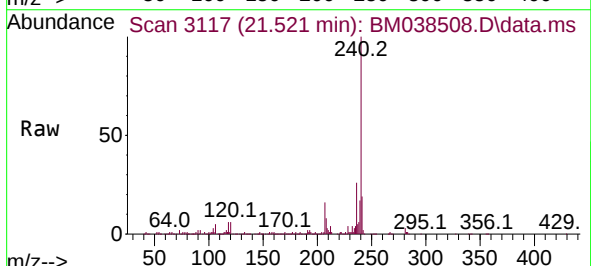
Concen: 20.000 ng

RT: 21.521 min Scan# 3117

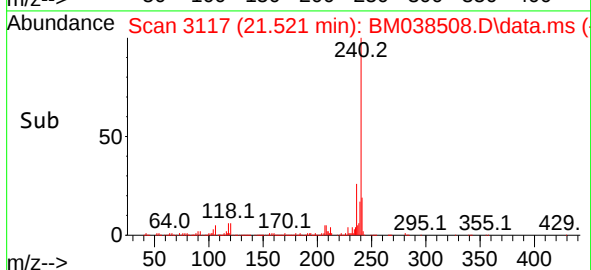
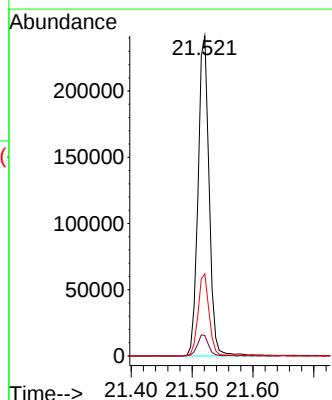
Delta R.T. 0.000 min

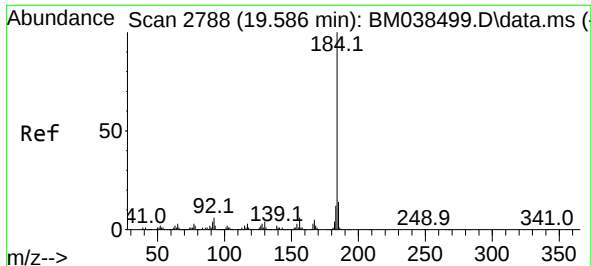
Lab File: BM038508.D

Acq: 23 Jan 2023 13:16



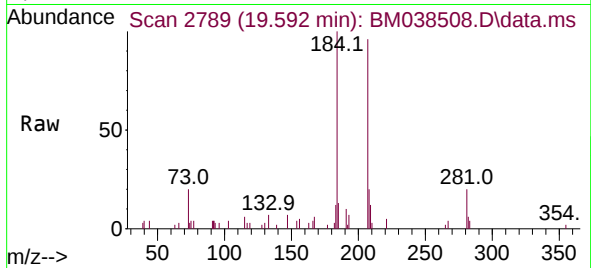
Tgt Ion:	240	Resp:	304650
Ion Ratio	Lower	Upper	
240	100		
120	6.4	6.2	9.2
236	25.6	20.2	30.2





#77
Benzidine
Concen: 2.105 ng
RT: 19.592 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

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



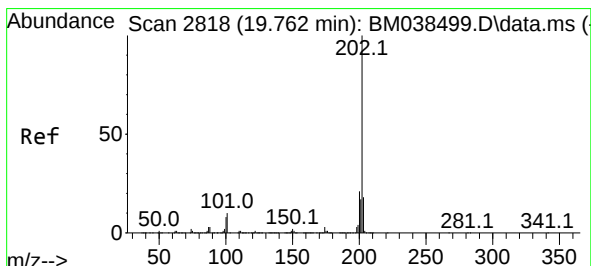
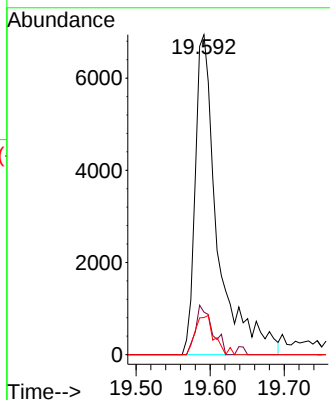
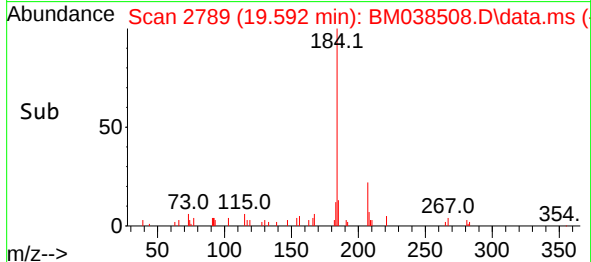
Tgt Ion:184 Resp: 14612
Ion Ratio Lower Upper
184 100
185 13.3 10.9 16.3
183 11.6 9.3 13.9

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Reviewed By :Christian
Giraldo

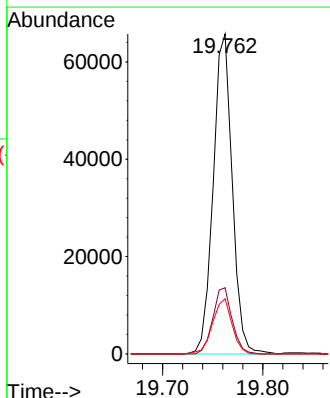
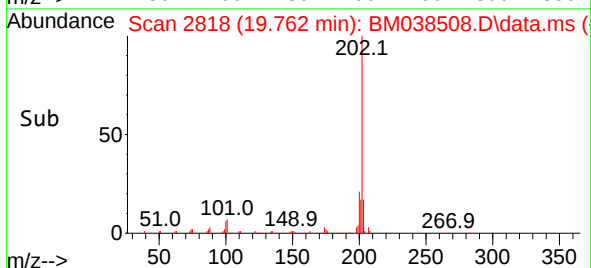
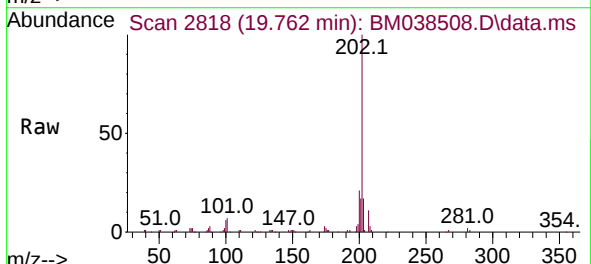
01/24/2023
Supervised By :Jagrut
Upadhyay

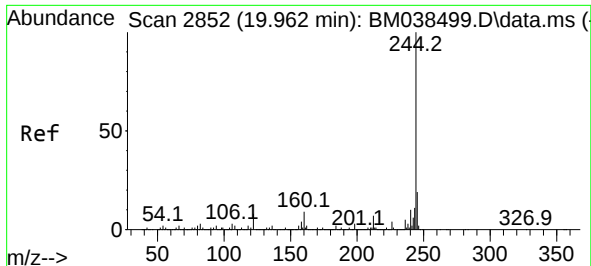
01/24/2023



#78
Pyrene
Concen: 4.090 ng
RT: 19.762 min Scan# 2818
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

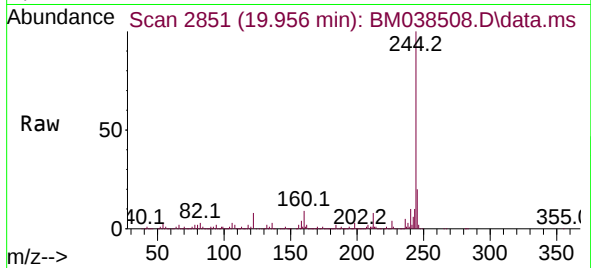
Tgt Ion:202 Resp: 86769
Ion Ratio Lower Upper
202 100
200 20.7 17.0 25.4
203 17.2 14.2 21.2





#79
 Terphenyl-d14
 Concen: 74.060 ng
 RT: 19.956 min Scan# 2851
 Delta R.T. -0.006 min
 Lab File: BM038508.D
 Acq: 23 Jan 2023 13:16

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



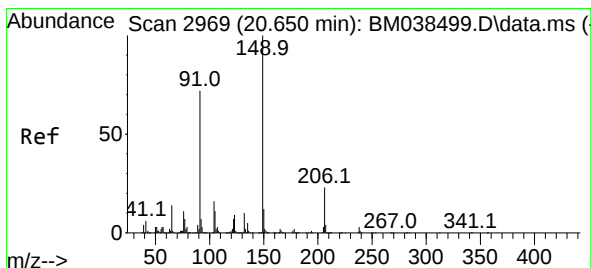
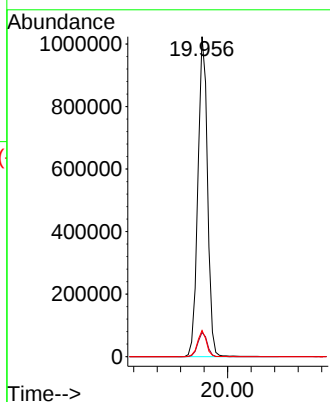
Tgt Ion:244 Resp: 1157339
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 8.2 6.7 10.1

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Reviewed By :Christian
 Giraldo

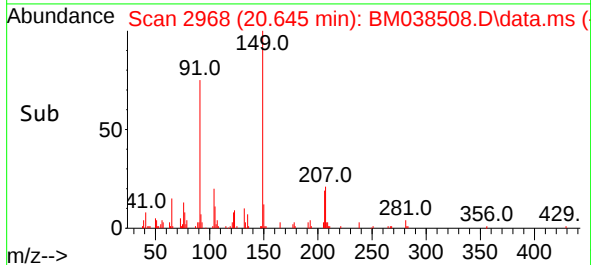
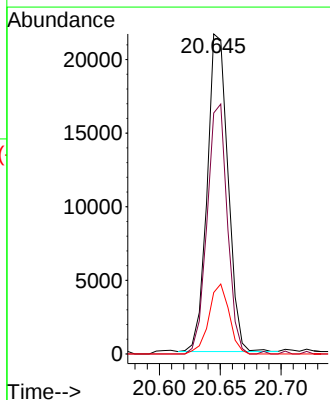
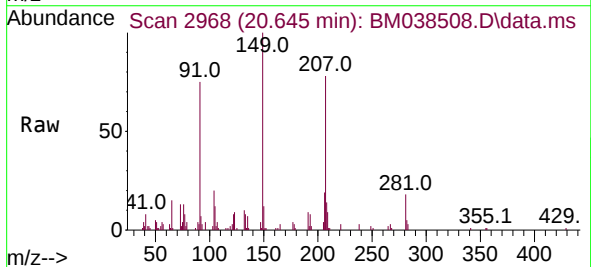
01/24/2023
 Supervised By :Jagrut
 Upadhyay

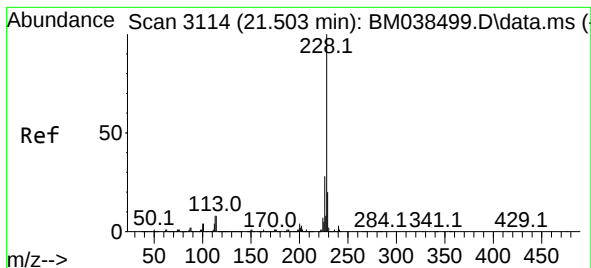
01/24/2023



#80
 Butylbenzylphthalate
 Concen: 3.500 ng
 RT: 20.645 min Scan# 2968
 Delta R.T. -0.006 min
 Lab File: BM038508.D
 Acq: 23 Jan 2023 13:16

Tgt Ion:149 Resp: 25674
 Ion Ratio Lower Upper
 149 100
 91 75.3 57.5 86.3
 206 19.2 18.2 27.2





#81

Benzo(a)anthracene

Concen: 4.606 ng

RT: 21.503 min Scan# 3114

Delta R.T. 0.000 min

Lab File: BM038508.D

Acq: 23 Jan 2023 13:16

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion:	228	Resp:	99434
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.2	33.2
229	20.9	16.0	24.0

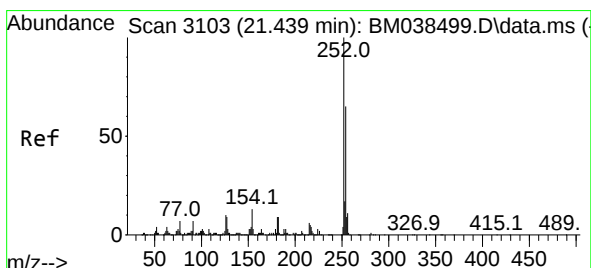
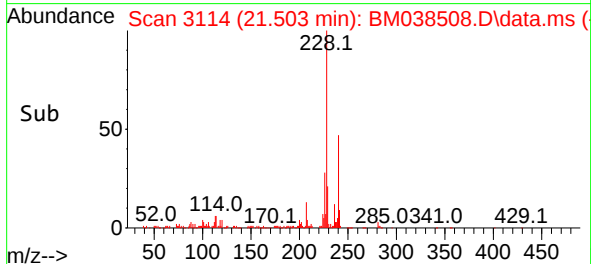
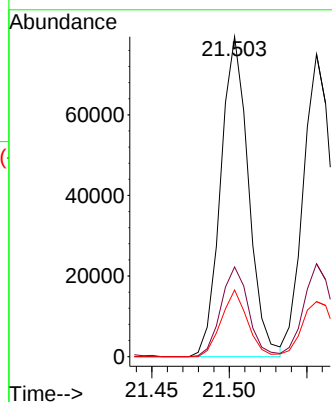
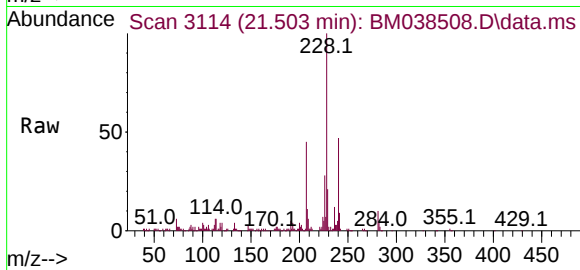
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo

01/24/2023

Supervised By :Jagrut
Upadhyay

01/24/2023



#82

3,3'-Dichlorobenzidine

Concen: 4.256 ng

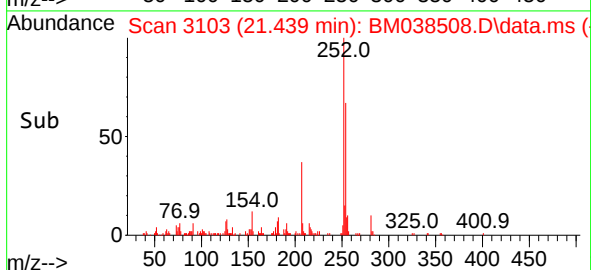
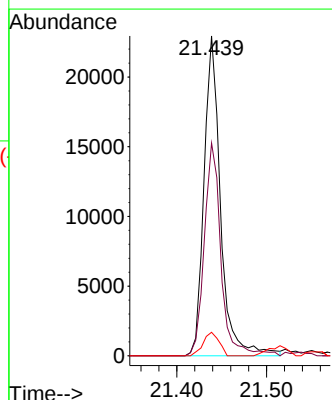
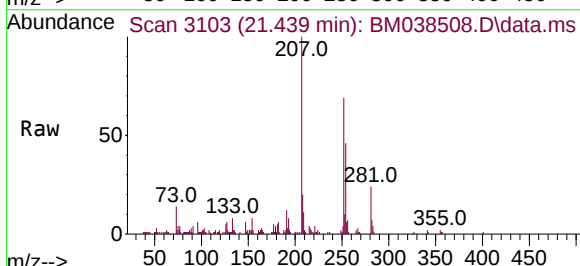
RT: 21.439 min Scan# 3103

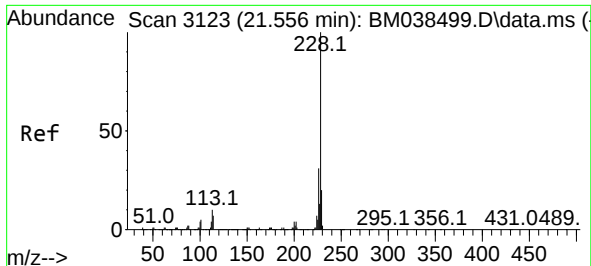
Delta R.T. 0.000 min

Lab File: BM038508.D

Acq: 23 Jan 2023 13:16

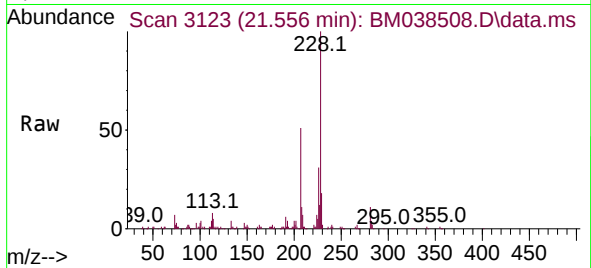
Tgt Ion:	252	Resp:	29509
Ion Ratio	Lower	Upper	
252	100		
254	66.5	51.9	77.9
126	7.4	7.7	11.5





#83
Chrysene
Concen: 4.542 ng
RT: 21.556 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

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



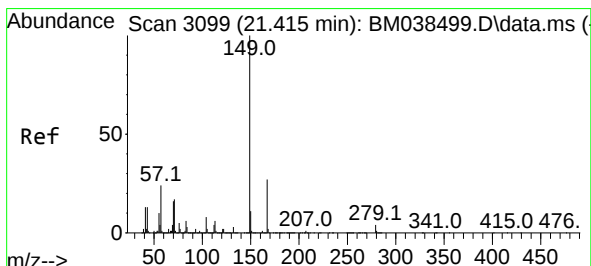
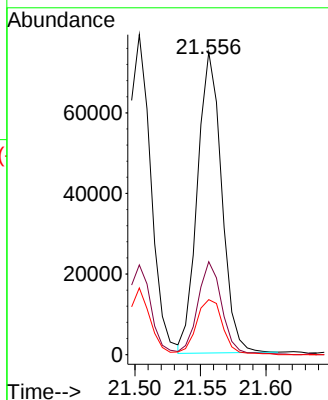
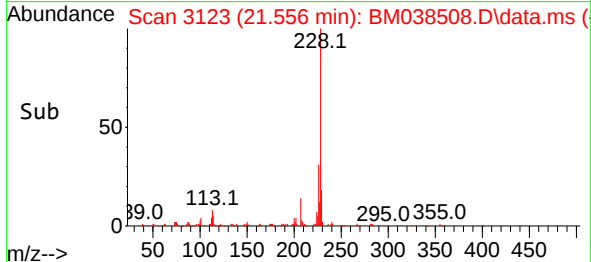
Tgt Ion:228 Resp: 95894
Ion Ratio Lower Upper
228 100
226 30.7 24.4 36.6
229 18.1 15.7 23.5

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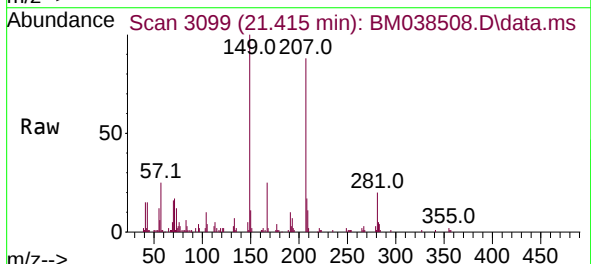
Reviewed By :Christian
Giraldo

01/24/2023
Supervised By :Jagrut
Upadhyay

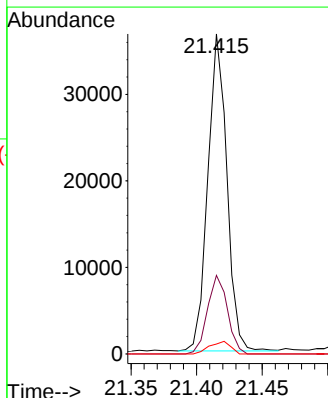
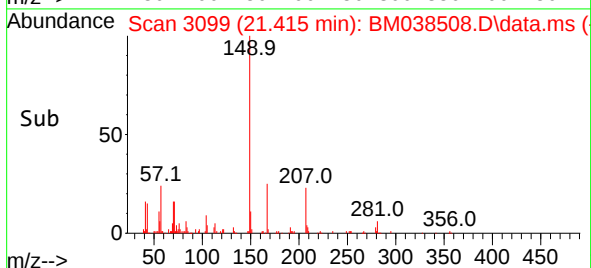
01/24/2023

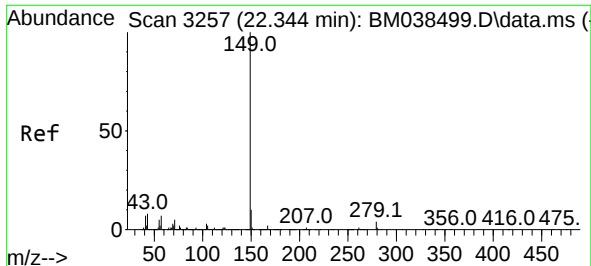


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.476 ng
RT: 21.415 min Scan# 3099
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16



Tgt Ion:149 Resp: 36957
Ion Ratio Lower Upper
149 100
167 24.5 21.3 31.9
279 3.1 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 3.738 ng
RT: 22.344 min Scan# 3257
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

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

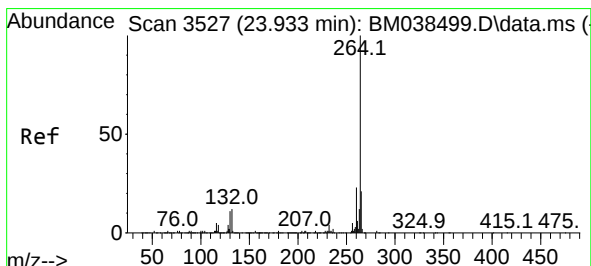
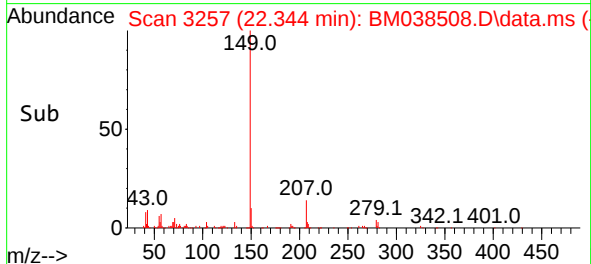
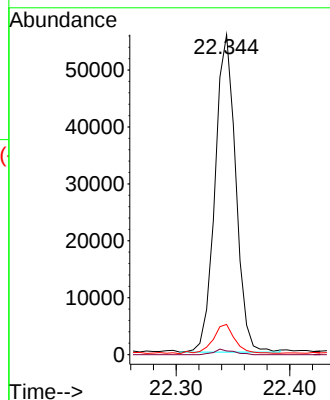
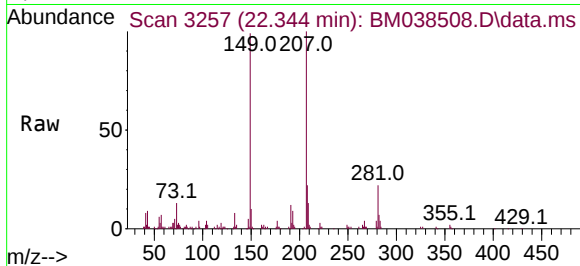
Tgt Ion:149 Resp: 70655
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.0 6.7 10.1

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Reviewed By :Christian
Giraldo

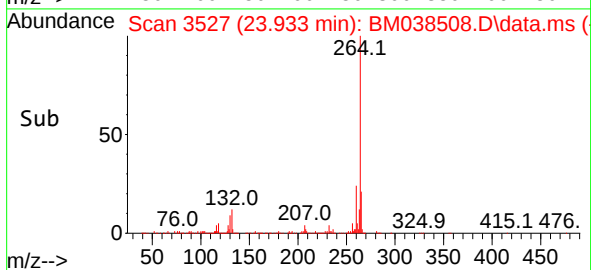
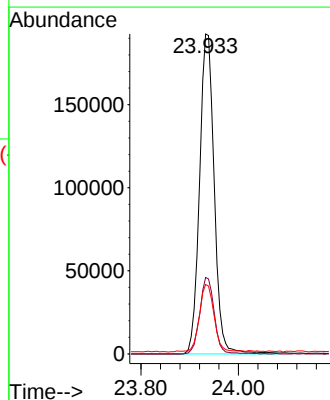
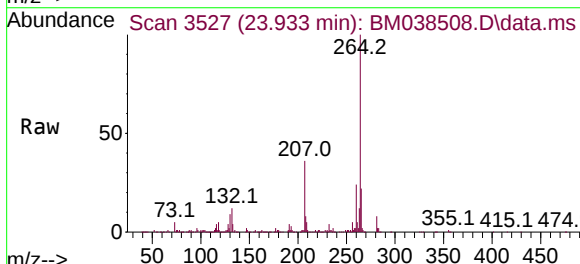
01/24/2023
Supervised By :Jagrut
Upadhyay

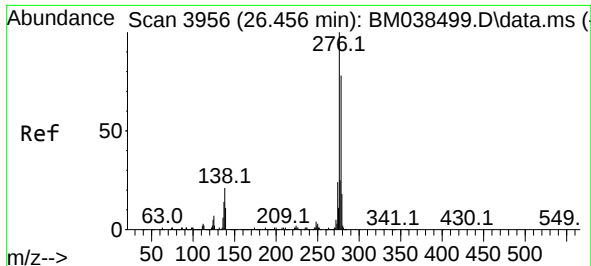
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.933 min Scan# 3527
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

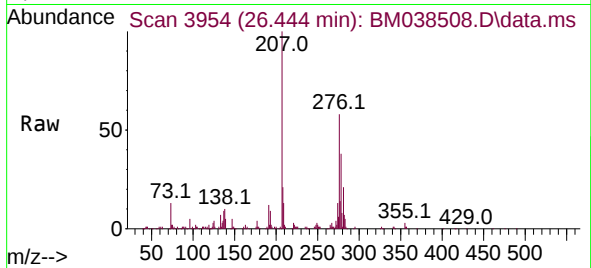
Tgt Ion:264 Resp: 401687
Ion Ratio Lower Upper
264 100
260 23.9 18.5 27.7
265 21.7 17.8 26.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 4.714 ng
RT: 26.444 min Scan# 3956
Delta R.T. -0.012 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

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



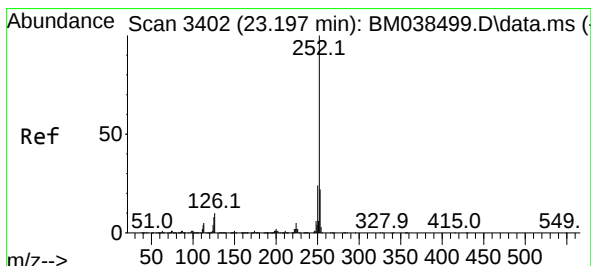
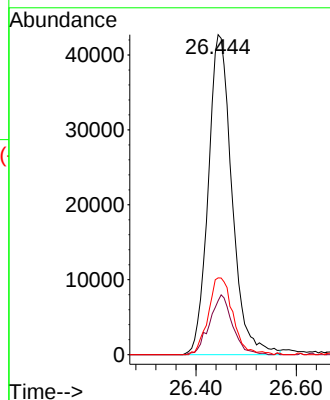
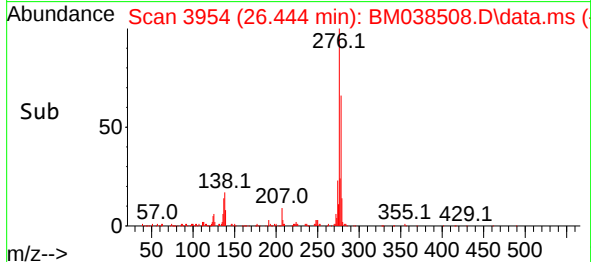
Tgt Ion:276 Resp: 140107
Ion Ratio Lower Upper
276 100
138 18.0 15.8 23.8
277 24.9 20.1 30.1

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Reviewed By :Christian
Giraldo

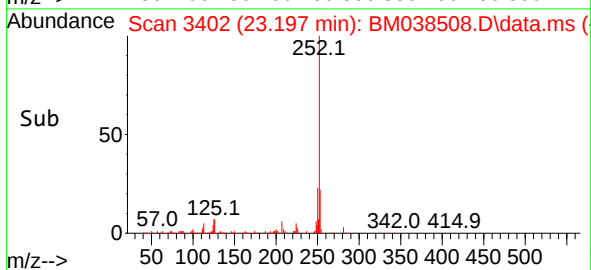
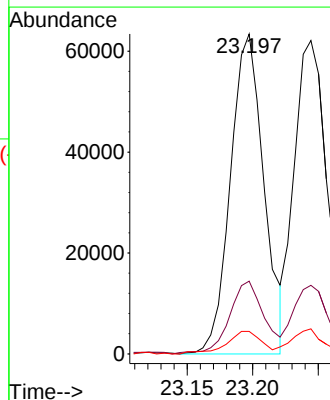
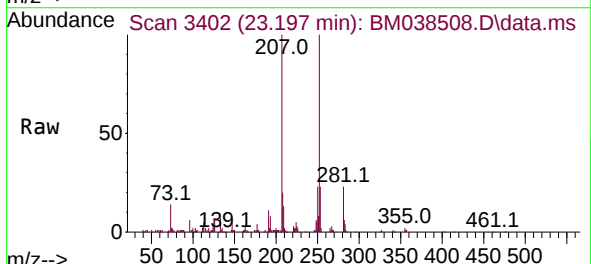
01/24/2023
Supervised By :Jagrut
Upadhyay

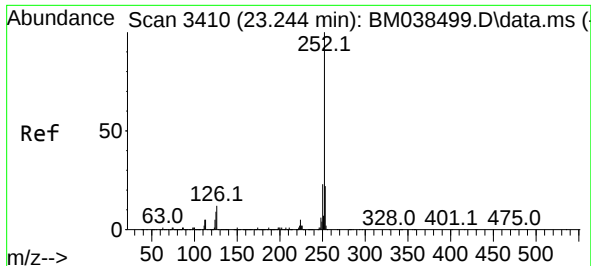
01/24/2023



#88
Benzo(b)fluoranthene
Concen: 4.643 ng
RT: 23.197 min Scan# 3402
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

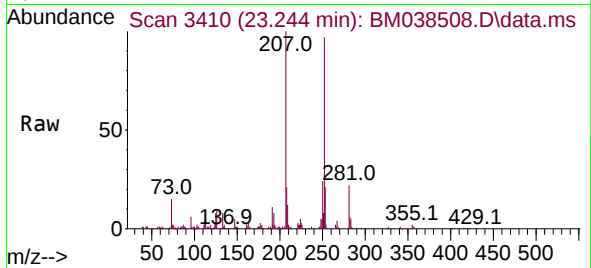
Tgt Ion:252 Resp: 112495
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.0
125 7.0 6.4 9.6





#89
Benzo(k)fluoranthene
Concen: 4.358 ng
RT: 23.244 min Scan# 3410
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

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



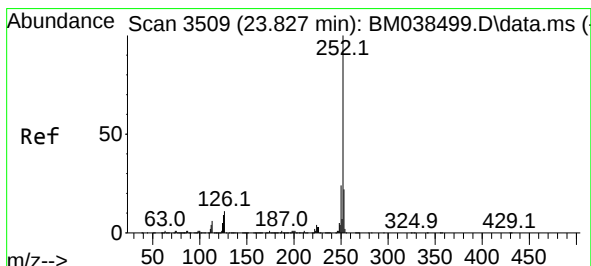
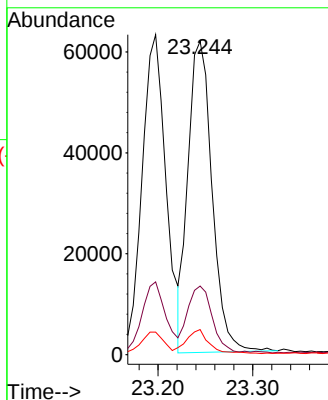
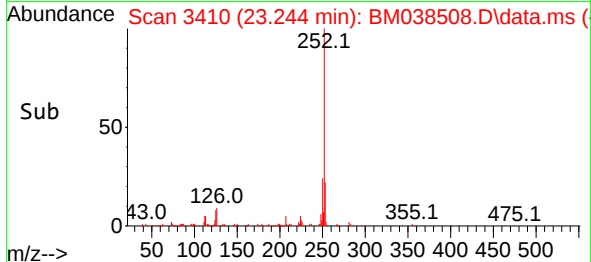
Tgt Ion:252 Resp: 109259
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 8.0 6.8 10.2

Manual Integrations
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Reviewed By :Christian
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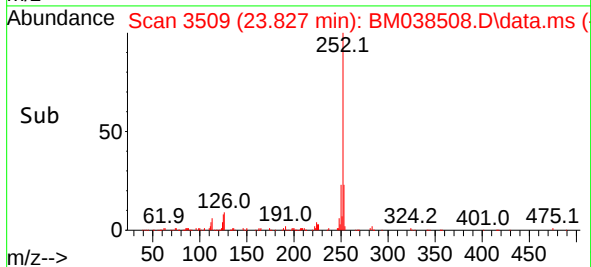
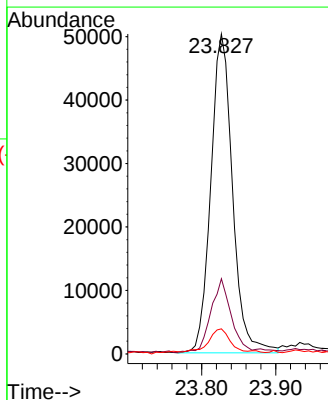
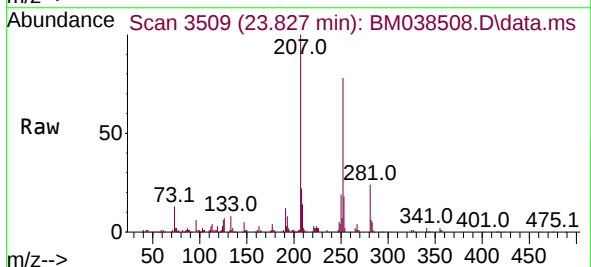
01/24/2023
Supervised By :Jagrut
Upadhyay

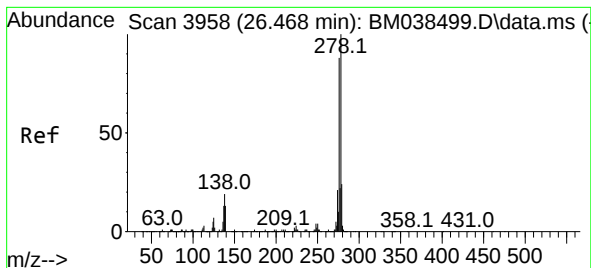
01/24/2023



#90
Benzo(a)pyrene
Concen: 4.264 ng
RT: 23.827 min Scan# 3509
Delta R.T. 0.000 min
Lab File: BM038508.D
Acq: 23 Jan 2023 13:16

Tgt Ion:252 Resp: 102449
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.0
125 7.8 7.3 10.9





#91

Dibenzo(a,h)anthracene

Concen: 4.912 ng

RT: 26.462 min Scan# 3958

Delta R.T. -0.006 min

Lab File: BM038508.D

Acq: 23 Jan 2023 13:16

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion:	278	Resp:	121529
Ion Ratio	Lower	Upper	
278	100		
139	8.4	10.3	15.5
279	24.1	19.3	28.9

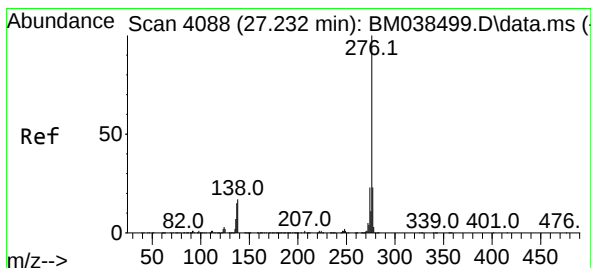
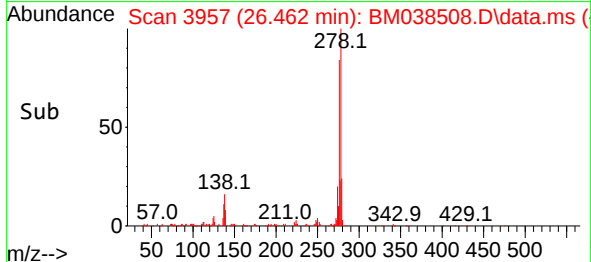
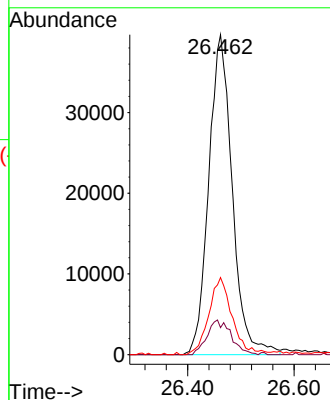
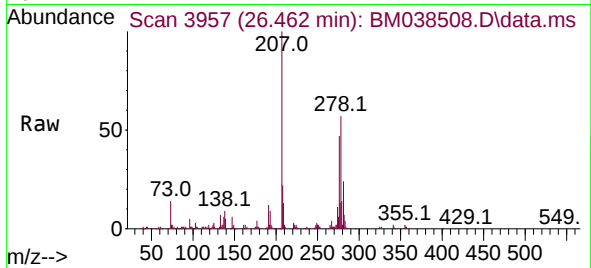
Manual Integrations
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Reviewed By :Christian
Giraldo

01/24/2023

Supervised By :Jagrut
Upadhyay

01/24/2023



#92

Benzo(g,h,i)perylene

Concen: 5.011 ng

RT: 27.226 min Scan# 4087

Delta R.T. -0.006 min

Lab File: BM038508.D

Acq: 23 Jan 2023 13:16

Tgt Ion:	276	Resp:	126992
Ion Ratio	Lower	Upper	
276	100		
277	25.1	18.8	28.2
138	15.5	13.8	20.8

