

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012323\
 Data File : BM038509.D
 Acq On : 23 Jan 2023 14:36
 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

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/24/2023
 Supervised By : Jagrut Upadhyay 01/24/2023

Quant Time: Jan 24 05:12:31 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	71507	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	239402	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	156885	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	370169	20.000	ng	# 0.00
76) Chrysene-d12	21.521	240	415554	20.000	ng	# 0.00
86) Perylene-d12	23.933	264	523818	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	470942	108.874	ng	0.00
7) Phenol-d6	7.122	99	601518	108.992	ng	-0.01
23) Nitrobenzene-d5	9.134	82	392159	71.134	ng	-0.01
42) 2,4,6-Tribromophenol	16.086	330	287949	127.457	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	910380	71.481	ng	0.00
79) Terphenyl-d14	19.956	244	1496014	70.183	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	9393	4.630	ng	98
3) Pyridine	3.804	79	20846m	3.912	ng	
4) n-Nitrosodimethylamine	3.704	42	12294	4.860	ng	# 98
6) Aniline	7.292	93	33011	4.819	ng	97
8) 2-Chlorophenol	7.522	128	22654	5.127	ng	95
9) Benzaldehyde	7.104	77	20505m	6.264	ng	
10) Phenol	7.151	94	28480	5.164	ng	89
11) bis(2-Chloroethyl)ether	7.387	93	22290	5.123	ng	97
12) 1,3-Dichlorobenzene	7.845	146	26267	5.229	ng	96
13) 1,4-Dichlorobenzene	7.998	146	28047	5.526	ng	96
14) 1,2-Dichlorobenzene	8.316	146	26367	5.363	ng	98
15) Benzyl Alcohol	8.210	79	20220	4.900	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.498	45	23362	5.113	ng	98
17) 2-Methylphenol	8.410	107	16424	4.208	ng	95
18) Hexachloroethane	9.039	117	10054	5.328	ng	95
19) n-Nitroso-di-n-propyla...	8.769	70	18039	4.634	ng	95
20) 3+4-Methylphenols	8.739	107	22058	4.217	ng	97
22) Acetophenone	8.798	105	31030	4.705	ng	# 99
24) Nitrobenzene	9.175	77	30734	5.510	ng	93
25) Isophorone	9.698	82	44340	4.874	ng	95
26) 2-Nitrophenol	9.892	139	10128	4.574	ng	94
27) 2,4-Dimethylphenol	9.945	122	12599	3.419	ng	96
28) bis(2-Chloroethoxy)met...	10.186	93	26047	4.894	ng	97
29) 2,4-Dichlorophenol	10.422	162	20759	4.802	ng	93
30) 1,2,4-Trichlorobenzene	10.633	180	25781	5.215	ng	99
31) Naphthalene	10.822	128	63703	4.898	ng	98
32) Benzoic acid	10.022	122	8154m	8.086	ng	
33) 4-Chloroaniline	10.945	127	24769	4.563	ng	98
34) Hexachlorobutadiene	11.098	225	18267	5.617	ng	96
35) Caprolactam	11.727	113	3459	3.300	ng	# 75
36) 4-Chloro-3-methylphenol	12.063	107	18757	4.771	ng	94
37) 2-Methylnaphthalene	12.427	142	42830	4.582	ng	95
38) 1-Methylnaphthalene	12.645	142	41953	4.759	ng	99
40) 1,2,4,5-Tetrachloroben...	12.798	216	26591	4.506	ng	98
41) Hexachlorocyclopentadiene	12.769	237	13024	4.015	ng	93
43) 2,4,6-Trichlorophenol	13.039	196	17752	4.699	ng	97

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Instrument :
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 LOQ-WATER-02-QT4-2022

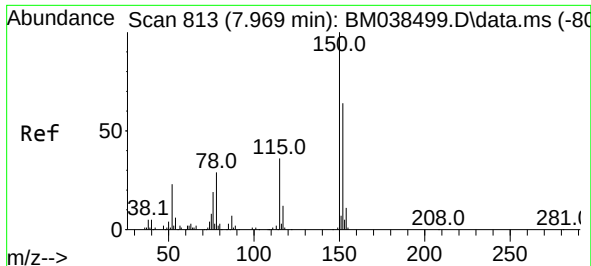
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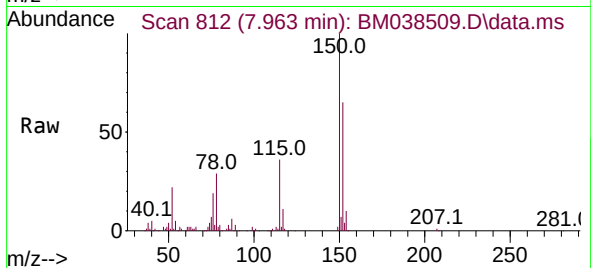
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	19355	4.374	ng	100
46) 1,1'-Biphenyl	13.433	154	55264	4.398	ng	100
47) 2-Chloronaphthalene	13.480	162	49278	5.024	ng	98
48) 2-Nitroaniline	13.692	65	10950	3.802	ng	97
49) Acenaphthylene	14.321	152	68952	4.493	ng	100
50) Dimethylphthalate	14.057	163	57523	4.763	ng	97
51) 2,6-Dinitrotoluene	14.186	165	10911	4.293	ng	94
52) Acenaphthene	14.663	154	43803	4.680	ng	98
53) 3-Nitroaniline	14.516	138	9263	3.668	ng	86
54) 2,4-Dinitrophenol	14.727	184	5960	7.682	ng	99
55) Dibenzofuran	14.998	168	75741	4.841	ng	95
56) 4-Nitrophenol	14.821	139	7652m	3.679	ng	
57) 2,4-Dinitrotoluene	14.974	165	13888	4.031	ng	96
58) Fluorene	15.645	166	59102	4.658	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.227	232	17489	4.836	ng	# 96
60) Diethylphthalate	15.415	149	55514	4.694	ng	98
61) 4-Chlorophenyl-phenyle...	15.639	204	32077	4.815	ng	98
62) 4-Nitroaniline	15.680	138	9321	6.379	ng	90
63) Azobenzene	15.927	77	54737	4.368	ng	98
65) 4,6-Dinitro-2-methylph...	15.727	198	8759	3.645	ng	97
66) n-Nitrosodiphenylamine	15.851	169	49717	4.474	ng	98
67) 4-Bromophenyl-phenylether	16.527	248	19343	4.711	ng	97
68) Hexachlorobenzene	16.645	284	24355	5.497	ng	98
69) Atrazine	16.798	200	15533	4.190	ng	96
70) Pentachlorophenol	16.992	266	12674	4.017	ng	94
71) Phenanthrene	17.386	178	97343	4.709	ng	100
72) Anthracene	17.474	178	92798	4.412	ng	99
73) Carbazole	17.751	167	82850	4.473	ng	98
74) Di-n-butylphthalate	18.298	149	85593	4.206	ng	100
75) Fluoranthene	19.398	202	116978	4.708	ng	97
77) Benzidine	19.586	184	32451	3.427	ng	96
78) Pyrene	19.756	202	129159	4.464	ng	98
80) Butylbenzylphthalate	20.645	149	37754	3.773	ng	95
81) Benzo(a)anthracene	21.503	228	143169	4.862	ng	98
82) 3,3'-Dichlorobenzidine	21.439	252	43179	4.565	ng	# 97
83) Chrysene	21.556	228	140436	4.877	ng	99
84) Bis(2-ethylhexyl)phtha...	21.415	149	56532	3.899	ng	# 99
85) Di-n-octyl phthalate	22.344	149	100295	3.890	ng	# 99
87) Indeno(1,2,3-cd)pyrene	26.450	276	189996	4.902	ng	97
88) Benzo(b)fluoranthene	23.191	252	158386	5.012	ng	98
89) Benzo(k)fluoranthene	23.244	252	166328	5.087	ng	# 98
90) Benzo(a)pyrene	23.827	252	142582	4.551	ng	98
91) Dibenzo(a,h)anthracene	26.462	278	161779	5.014	ng	99
92) Benzo(g,h,i)perylene	27.221	276	171979	5.204	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

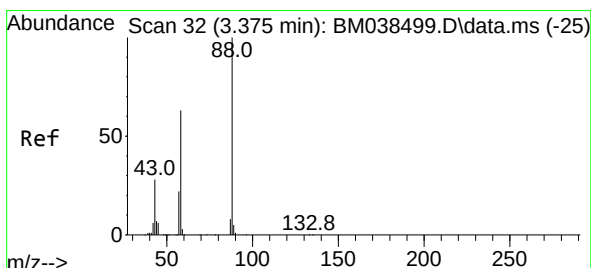
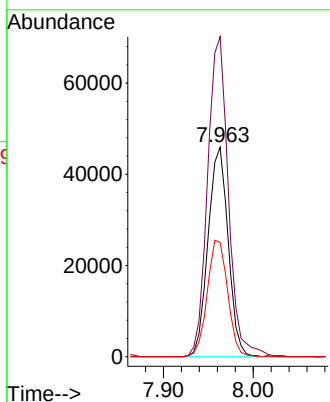
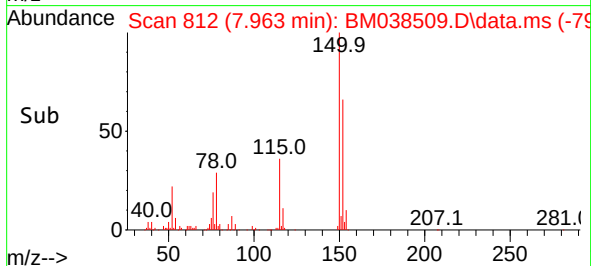
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:152 Resp: 7150
Ion Ratio Lower Upper
152 100
150 152.8 124.2 186.4
115 54.5 44.8 67.2

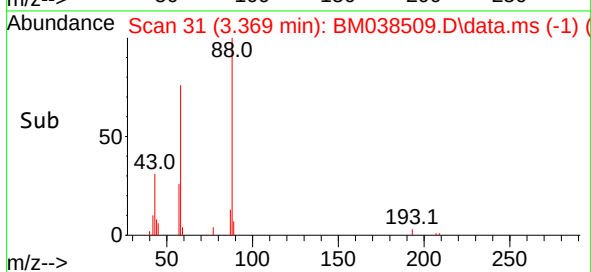
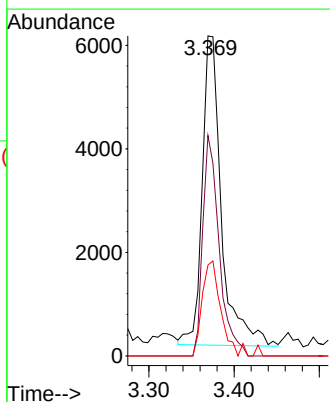
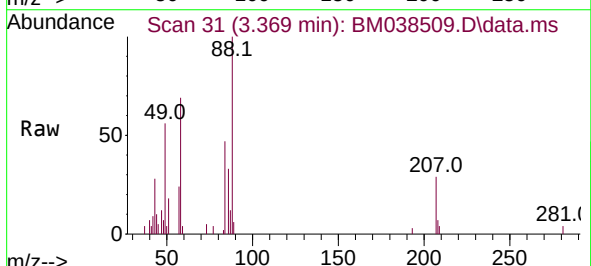
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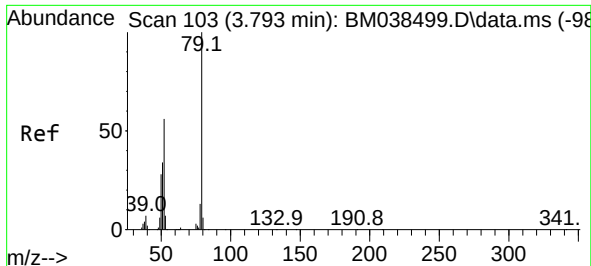
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#2
1,4-Dioxane
Concen: 4.630 ng
RT: 3.369 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

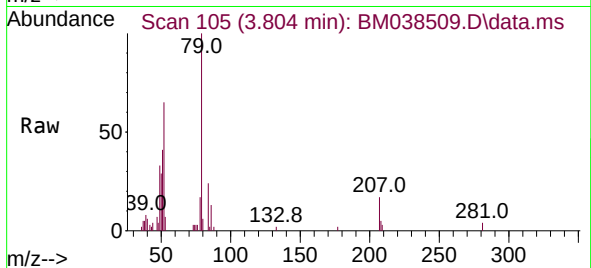
Tgt Ion: 88 Resp: 9393
Ion Ratio Lower Upper
88 100
58 60.5 50.5 75.7
43 29.7 23.9 35.9





#3
Pyridine
Concen: 3.912 ng m
RT: 3.804 min Scan# 103
Delta R.T. 0.012 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

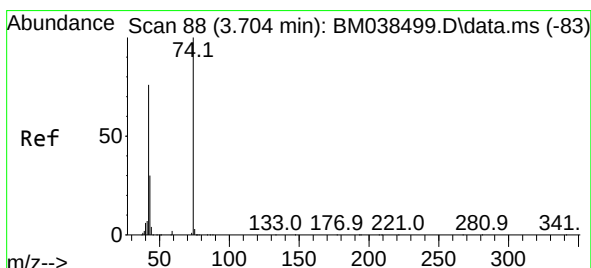
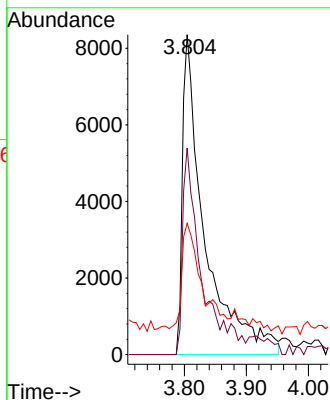
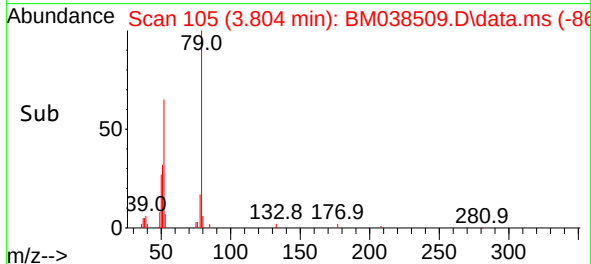
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 79 Resp: 20846
Ion Ratio Lower Upper
79 100
52 64.6 45.0 67.4
51 41.0 27.1 40.7

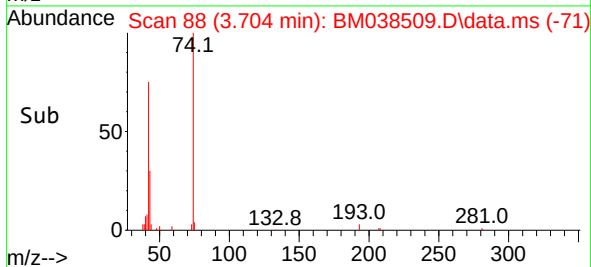
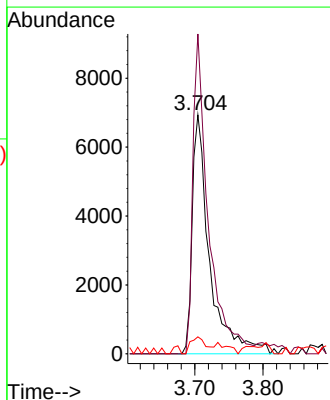
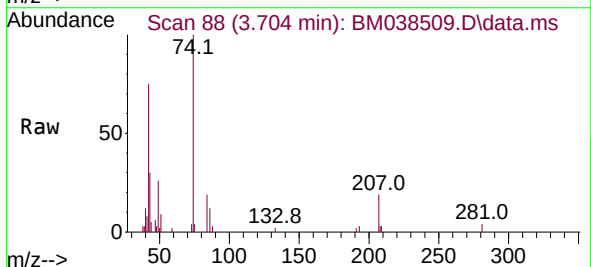
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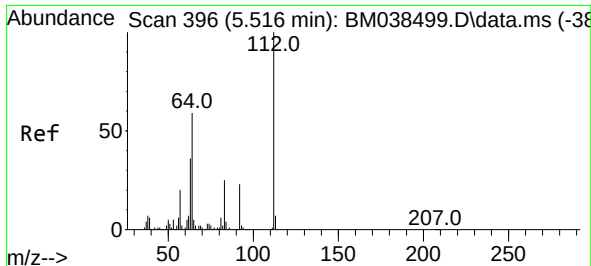
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#4
n-Nitrosodimethylamine
Concen: 4.860 ng
RT: 3.704 min Scan# 88
Delta R.T. 0.000 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

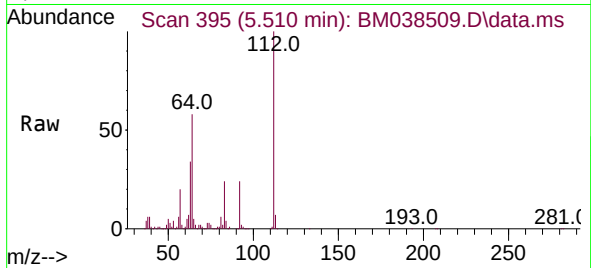
Tgt Ion: 42 Resp: 12294
Ion Ratio Lower Upper
42 100
74 133.9 105.0 157.4
44 7.2 4.1 6.1





#5
2-Fluorophenol
Concen: 108.874 ng
RT: 5.510 min Scan# 396
Delta R.T. -0.006 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

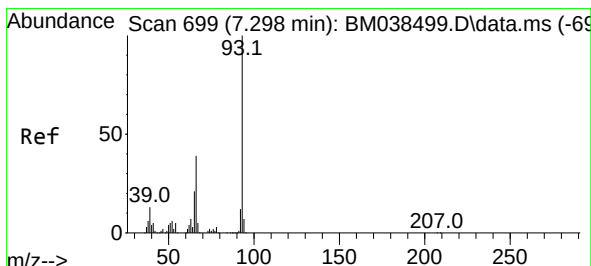
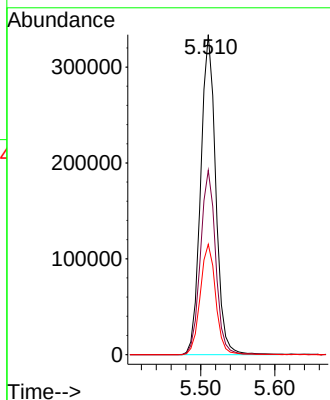
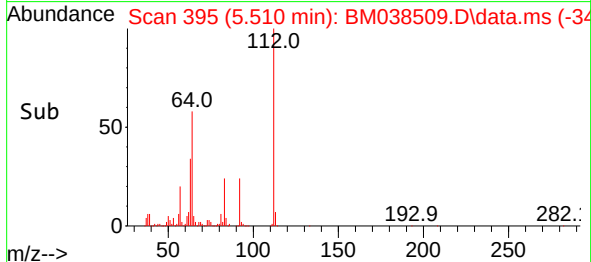
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 112 Resp: 470942
Ion Ratio Lower Upper
112 100
64 57.6 47.3 70.9
63 34.5 28.8 43.2

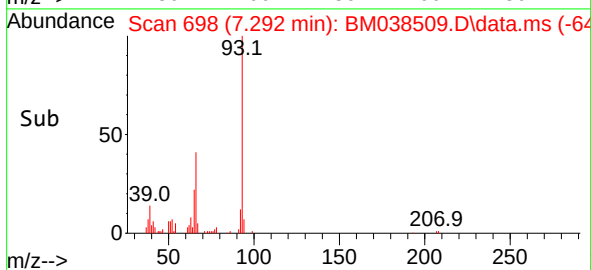
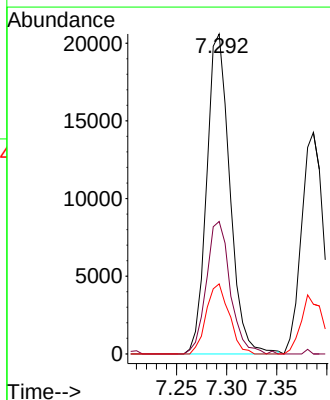
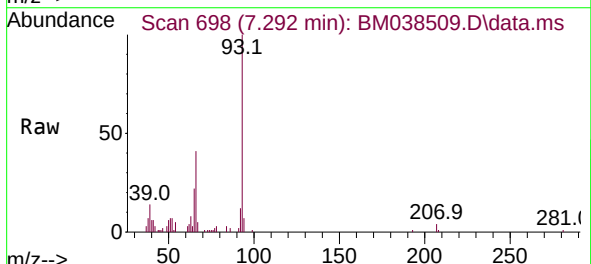
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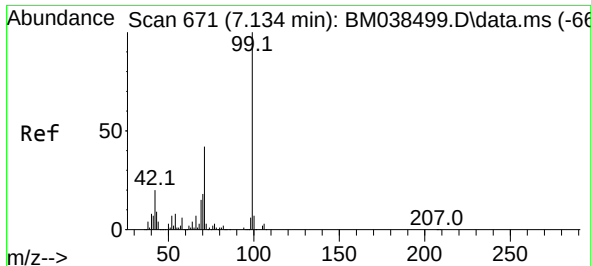
Reviewed By :Christian Giraldo 01/24/2023
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#6
Aniline
Concen: 4.819 ng
RT: 7.292 min Scan# 698
Delta R.T. -0.006 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

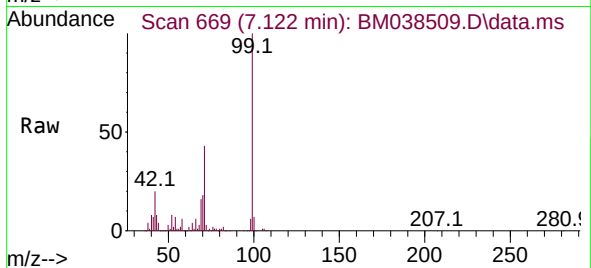
Tgt Ion: 93 Resp: 33011
Ion Ratio Lower Upper
93 100
66 41.4 31.6 47.4
65 21.9 16.6 24.8





#7
Phenol-d6
Concen: 108.992 ng
RT: 7.122 min Scan# 60
Delta R.T. -0.012 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

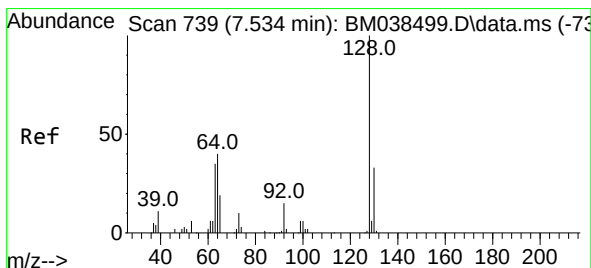
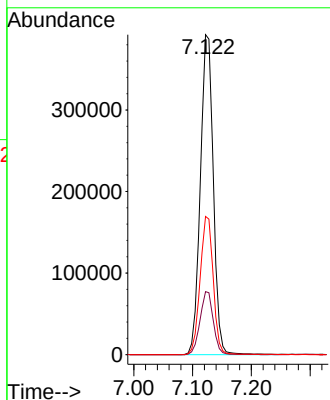
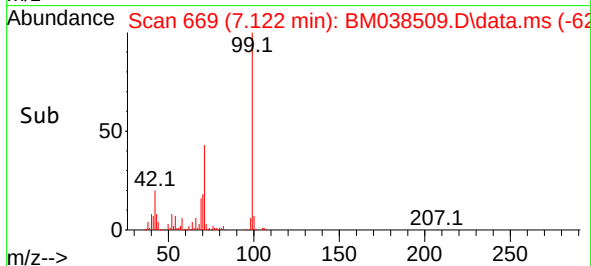
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 99 Resp: 601518
Ion Ratio Lower Upper
99 100
42 19.7 16.0 24.0
71 43.2 33.8 50.6

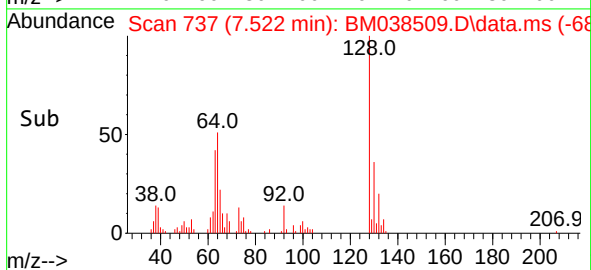
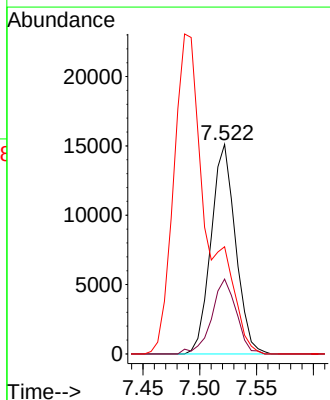
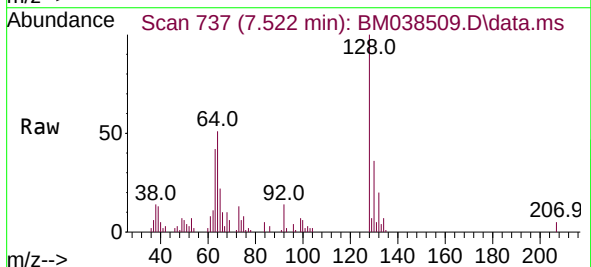
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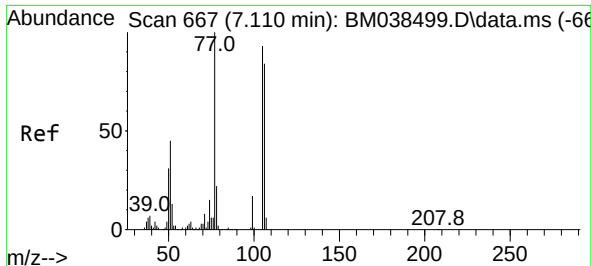
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#8
2-Chlorophenol
Concen: 5.127 ng
RT: 7.522 min Scan# 737
Delta R.T. -0.012 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

Tgt Ion:128 Resp: 22654
Ion Ratio Lower Upper
128 100
130 35.7 13.2 53.2
64 51.1 27.7 67.7





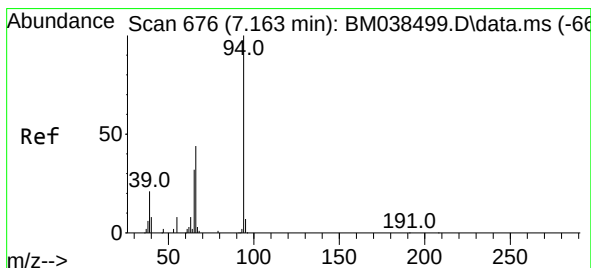
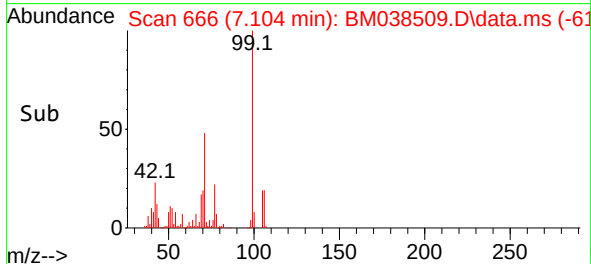
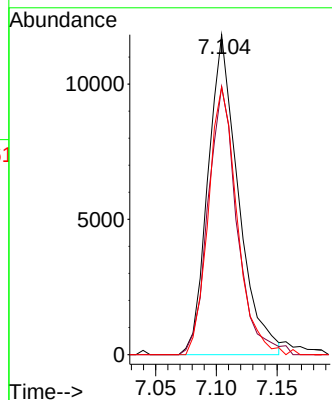
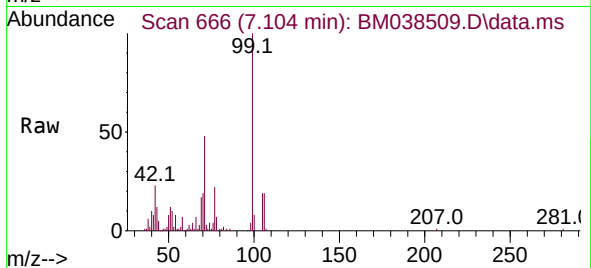
#9
Benzaldehyde
Concen: 6.264 ng m
RT: 7.104 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

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

Tgt Ion: 77 Resp: 2050
Ion Ratio Lower Upper
77 100
105 83.8 72.9 112.9
106 83.6 63.8 103.8

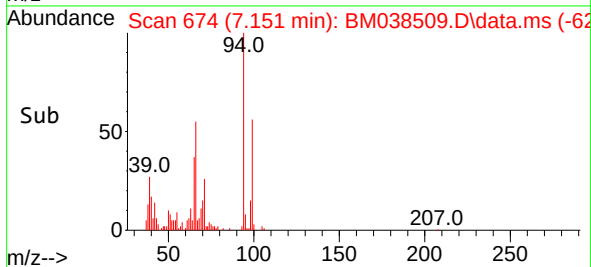
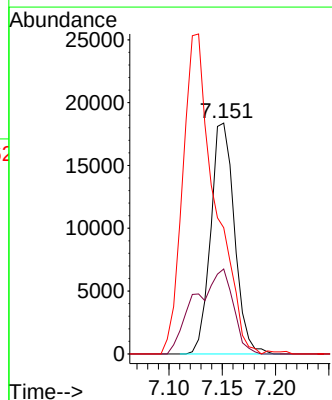
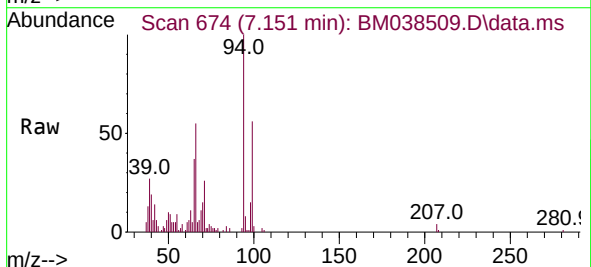
Manual Integrations
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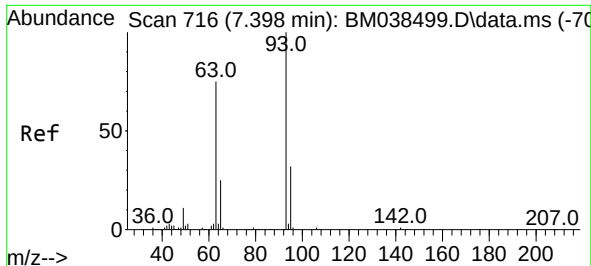
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#10
Phenol
Concen: 5.164 ng
RT: 7.151 min Scan# 674
Delta R.T. -0.012 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

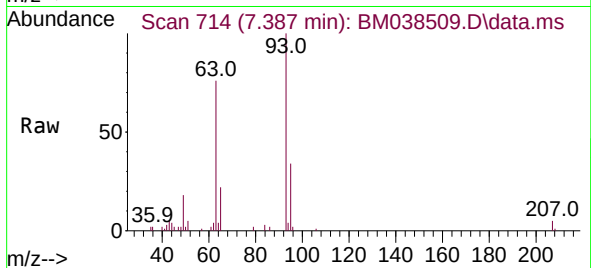
Tgt Ion: 94 Resp: 28480
Ion Ratio Lower Upper
94 100
65 36.8 12.7 52.7
66 54.6 26.0 66.0





#11
bis(2-Chloroethyl)ether
Concen: 5.123 ng
RT: 7.387 min Scan# 716
Delta R.T. -0.012 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

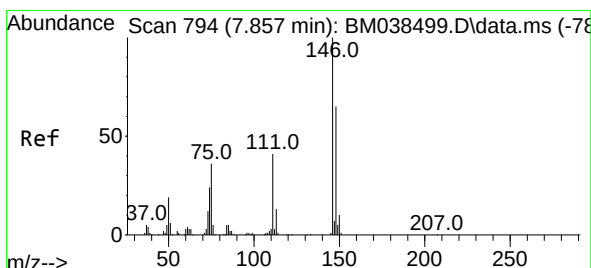
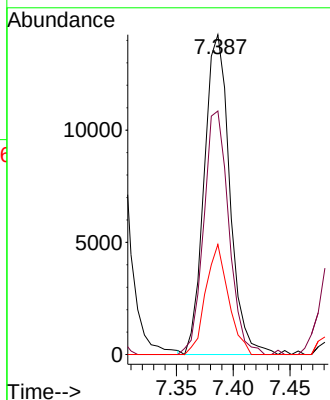
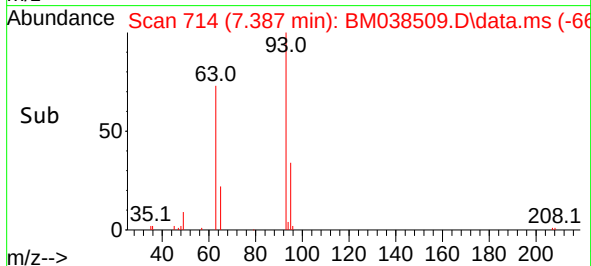
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 93 Resp: 22290
Ion Ratio Lower Upper
93 100
63 76.1 54.4 94.4
95 34.4 11.4 51.4

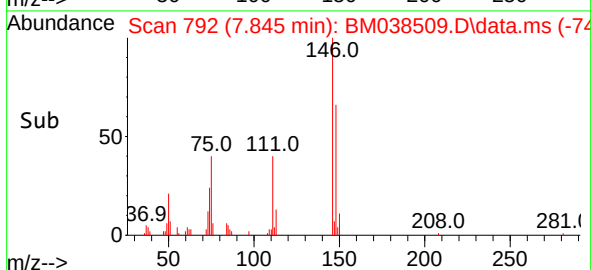
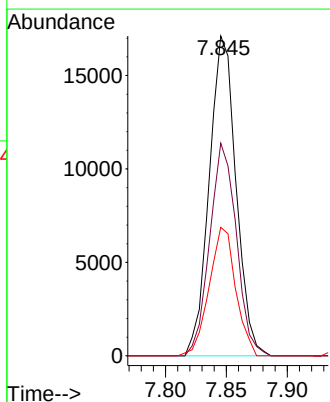
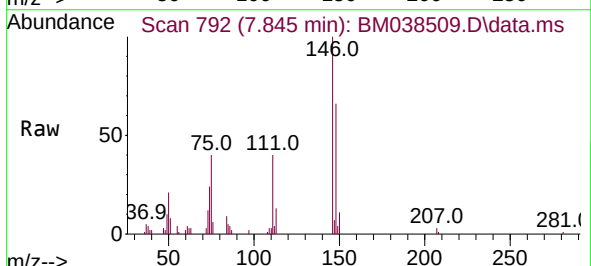
Manual Integrations
APPROVED

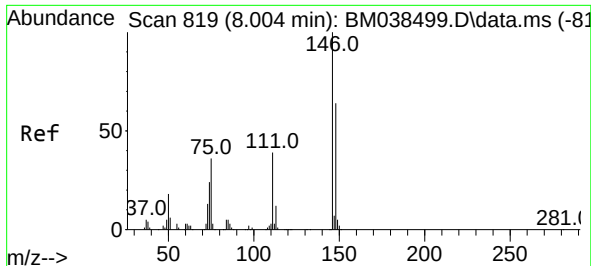
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#12
1,3-Dichlorobenzene
Concen: 5.229 ng
RT: 7.845 min Scan# 792
Delta R.T. -0.012 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

Tgt Ion:146 Resp: 26267
Ion Ratio Lower Upper
146 100
148 66.5 52.1 78.1
75 40.2 28.7 43.1





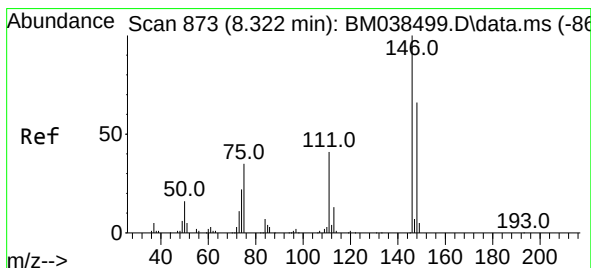
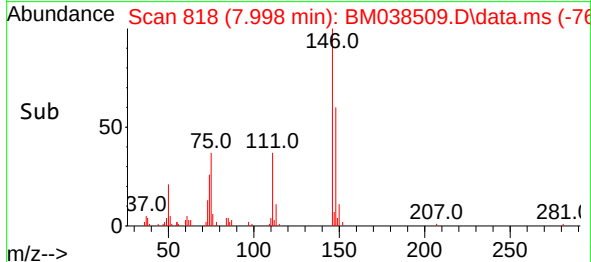
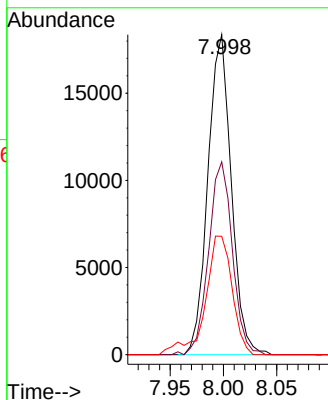
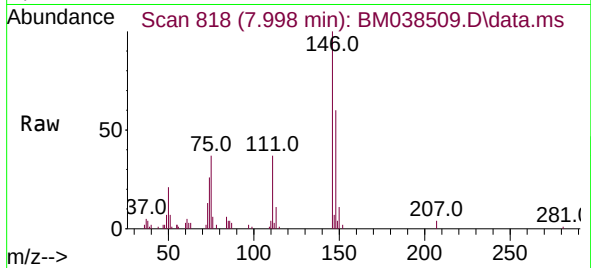
#13
1,4-Dichlorobenzene
Concen: 5.526 ng
RT: 7.998 min Scan# 819
Delta R.T. -0.006 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

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

Tgt Ion:146 Resp: 2804
Ion Ratio Lower Upper
146 100
148 60.2 51.3 76.9
111 37.0 31.4 47.0

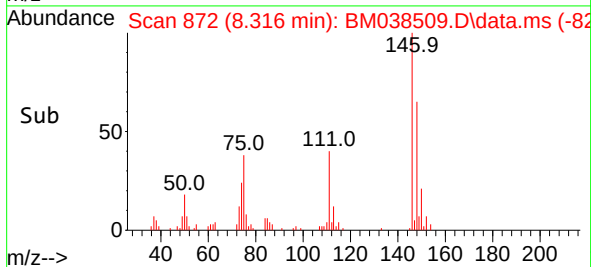
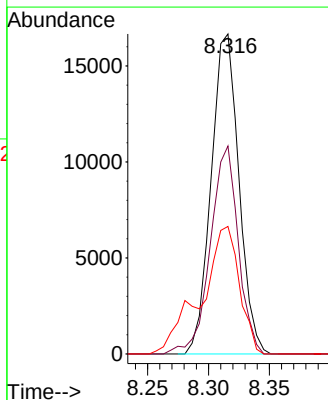
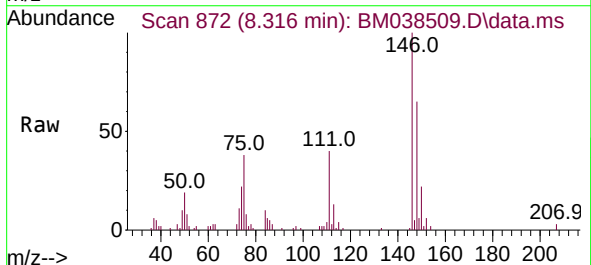
Manual Integrations
APPROVED

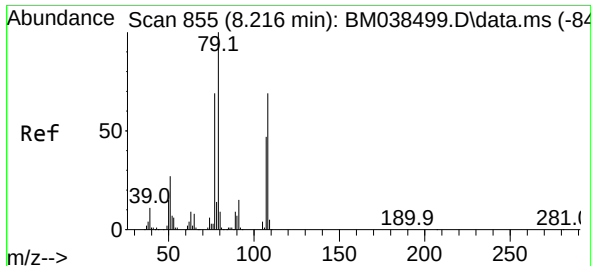
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#14
1,2-Dichlorobenzene
Concen: 5.363 ng
RT: 8.316 min Scan# 872
Delta R.T. -0.006 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

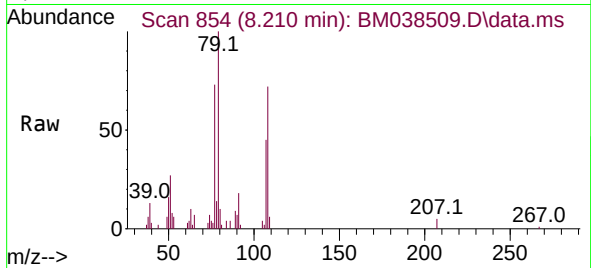
Tgt Ion:146 Resp: 26367
Ion Ratio Lower Upper
146 100
148 65.0 52.7 79.1
111 39.9 33.2 49.8





#15
Benzyl Alcohol
Concen: 4.900 ng
RT: 8.210 min Scan# 855
Delta R.T. -0.006 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

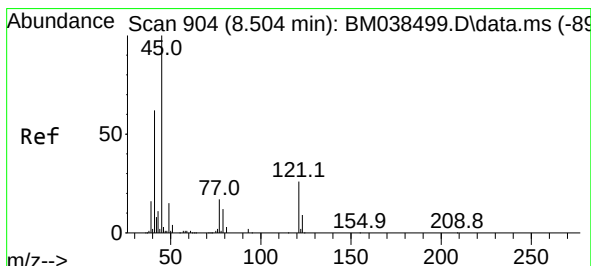
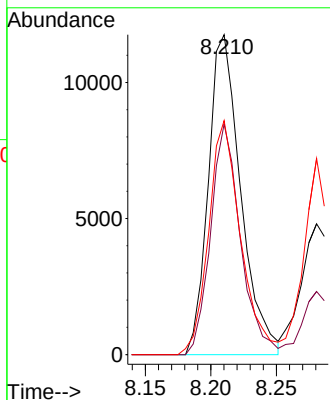
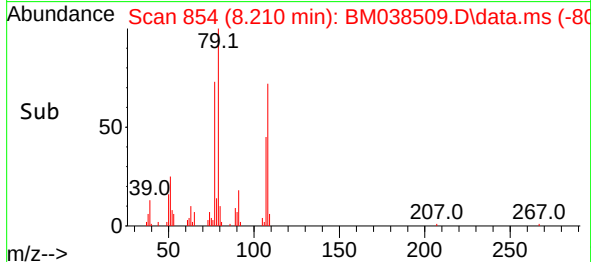
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 79 Resp: 20220
Ion Ratio Lower Upper
79 100
108 72.1 55.0 82.6
77 73.1 55.0 82.4

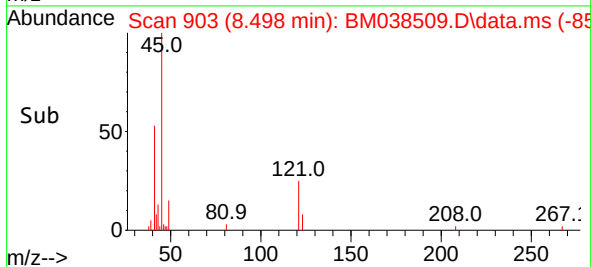
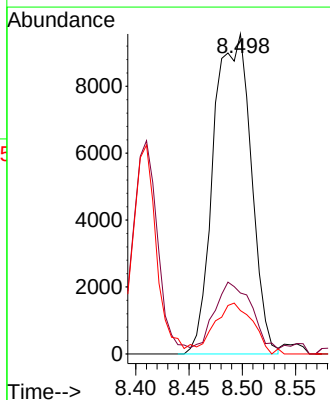
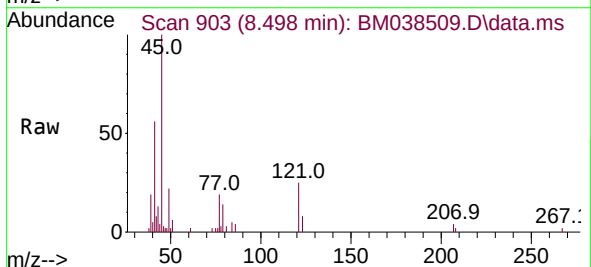
Manual Integrations
APPROVED

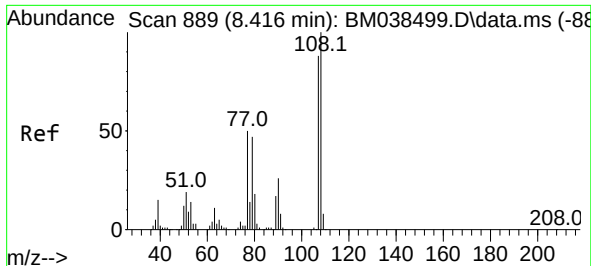
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.113 ng
RT: 8.498 min Scan# 903
Delta R.T. -0.006 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

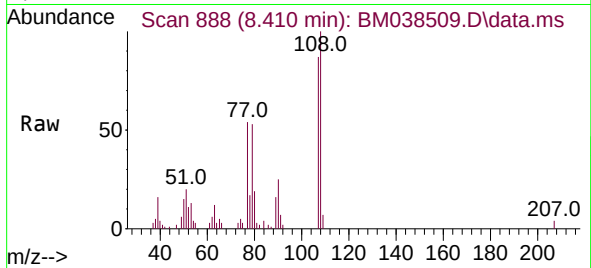
Tgt Ion: 45 Resp: 23362
Ion Ratio Lower Upper
45 100
77 19.0 0.0 39.2
79 13.5 0.0 34.9





#17
2-Methylphenol
Concen: 4.208 ng
RT: 8.410 min Scan# 889
Delta R.T. -0.006 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

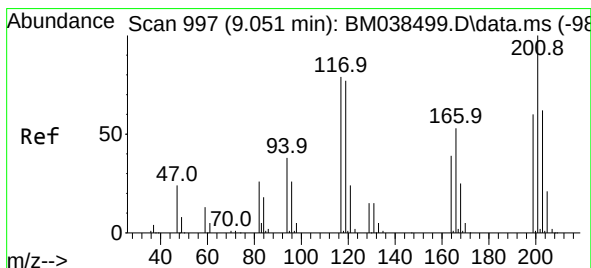
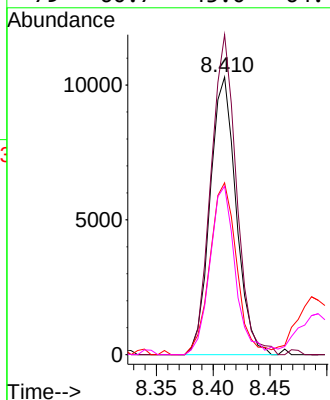
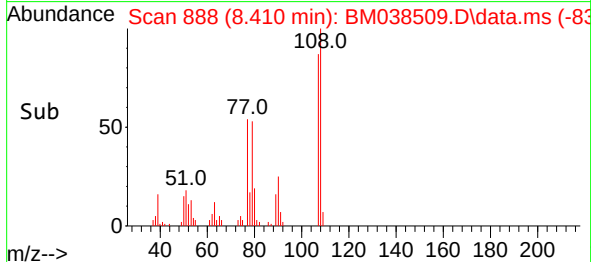
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:	107	Resp:	16424
Ion Ratio	Lower	Upper	
107	100		
108	115.3	90.8	136.2
77	61.9	46.1	69.1
79	60.7	43.0	64.4

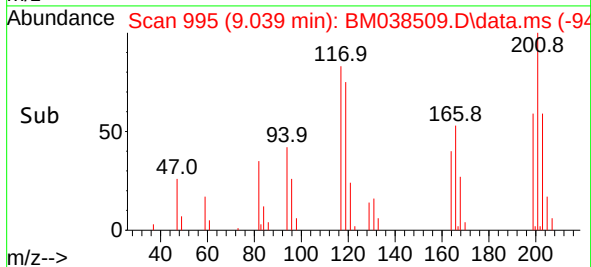
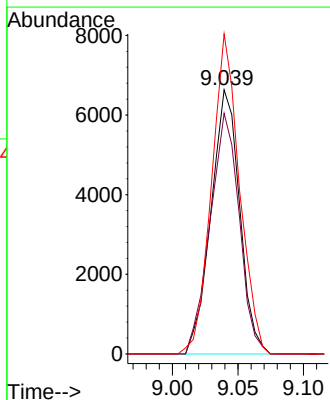
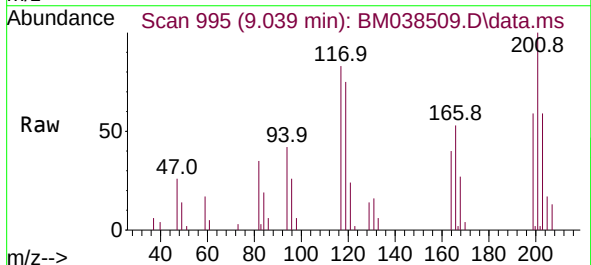
Manual Integrations
APPROVED

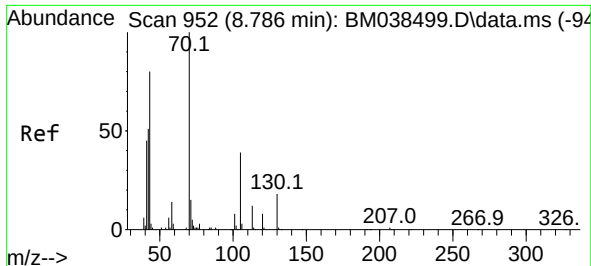
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#18
Hexachloroethane
Concen: 5.328 ng
RT: 9.039 min Scan# 995
Delta R.T. -0.012 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

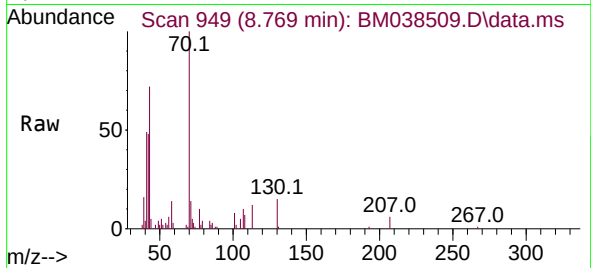
Tgt Ion:	117	Resp:	10054
Ion Ratio	Lower	Upper	
117	100		
119	91.1	77.9	116.9
201	121.2	100.6	151.0





#19
n-Nitroso-di-n-propylamine
Concen: 4.634 ng
RT: 8.769 min Scan# 94
Delta R.T. -0.017 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

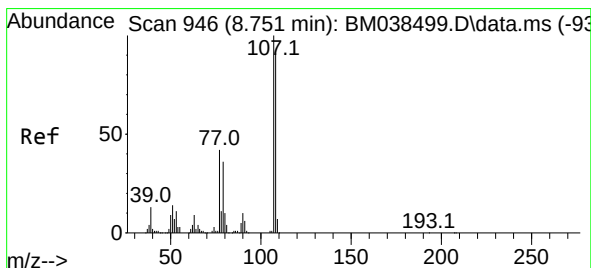
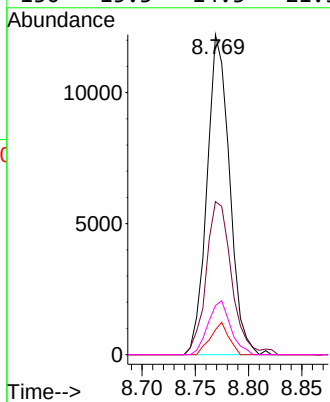
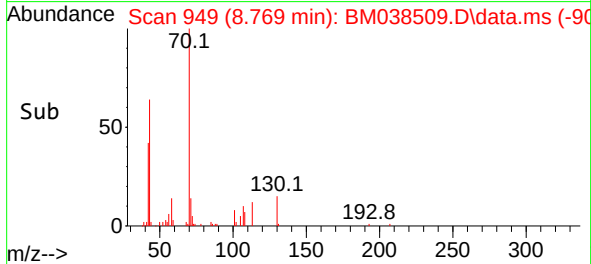
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 70 Resp: 18039
Ion Ratio Lower Upper
70 100
42 47.8 41.4 62.2
101 7.8 6.5 9.7
130 15.3 14.3 21.5

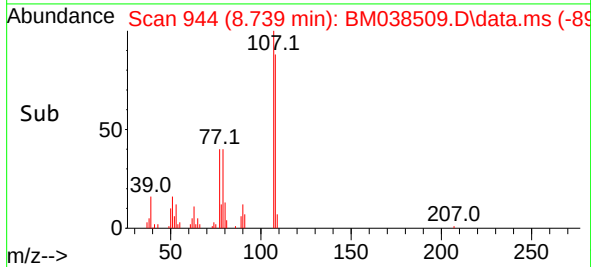
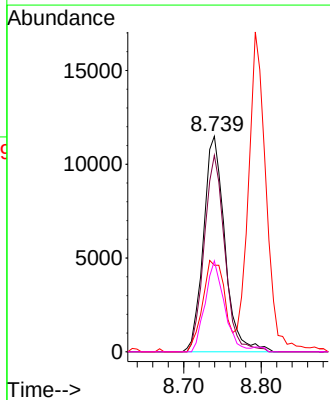
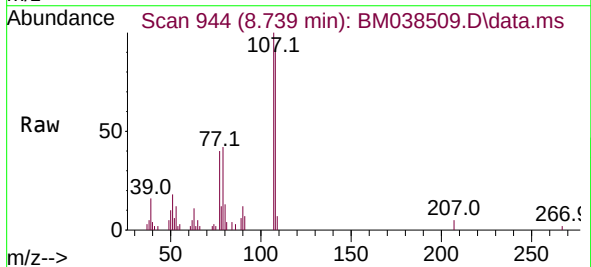
Manual Integrations
APPROVED

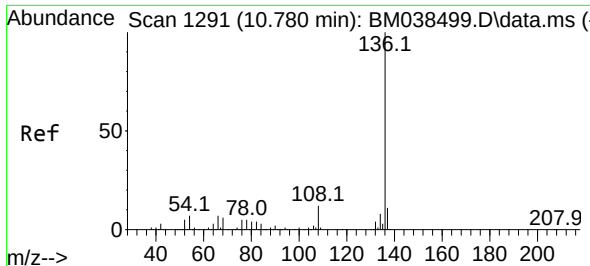
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#20
3+4-Methylphenols
Concen: 4.217 ng
RT: 8.739 min Scan# 944
Delta R.T. -0.012 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

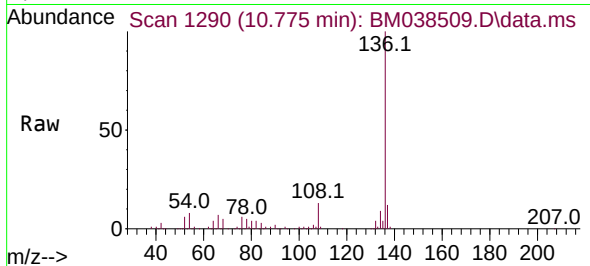
Tgt Ion:107 Resp: 22058
Ion Ratio Lower Upper
107 100
108 91.2 70.7 110.7
77 40.2 22.0 62.0
79 42.2 15.8 55.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

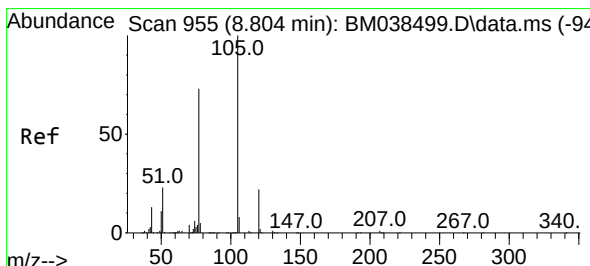
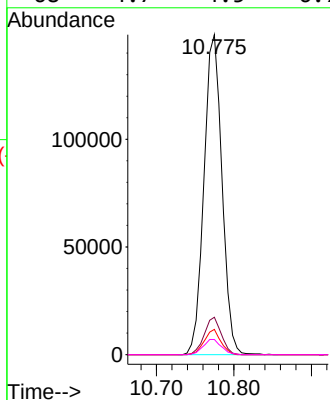
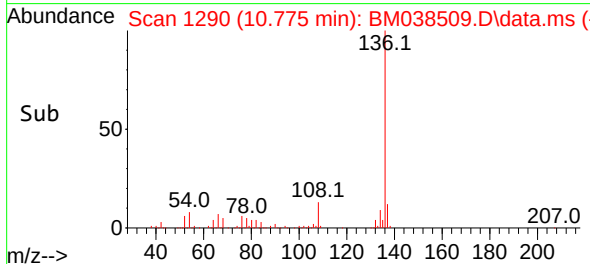
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:136 Resp: 239402
Ion Ratio Lower Upper
136 100
137 11.7 8.4 12.6
54 7.9 6.0 9.0
68 4.7 4.5 6.7

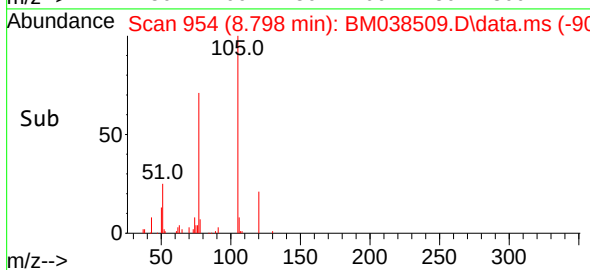
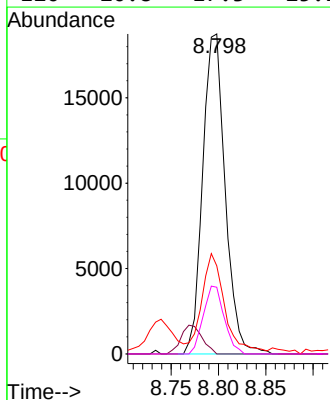
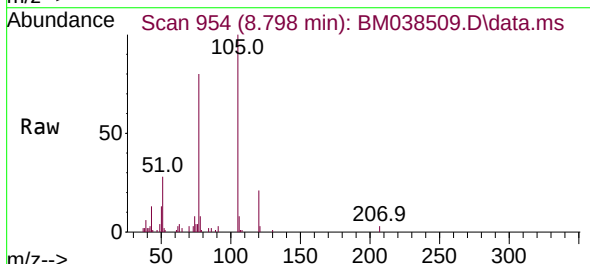
Manual Integrations
APPROVED

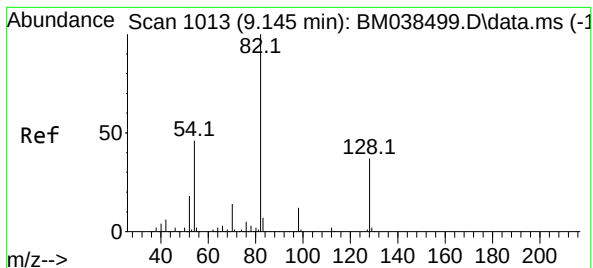
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#22
Acetophenone
Concen: 4.705 ng
RT: 8.798 min Scan# 954
Delta R.T. -0.006 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

Tgt Ion:105 Resp: 31030
Ion Ratio Lower Upper
105 100
71 0.0 0.9 1.3#
51 27.5 21.8 32.8
120 20.8 17.3 25.9





#23

Nitrobenzene-d5

Concen: 71.134 ng

RT: 9.134 min Scan# 1011

Delta R.T. -0.012 min

Lab File: BM038509.D

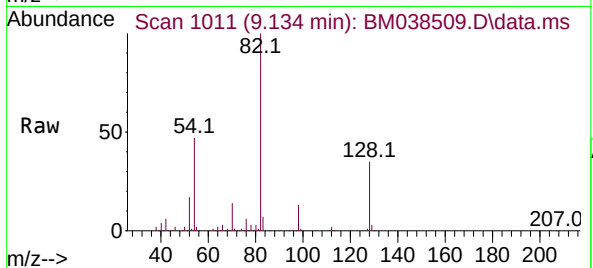
Acq: 23 Jan 2023 14:36

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2022



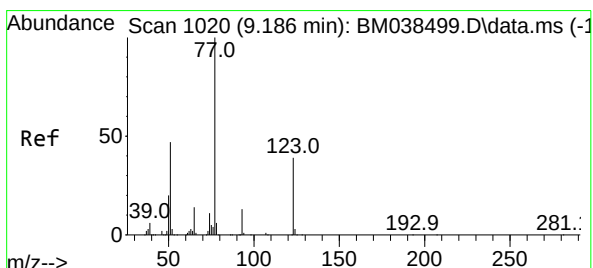
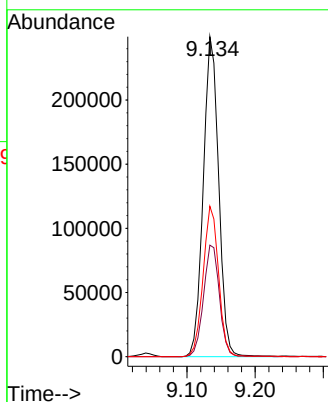
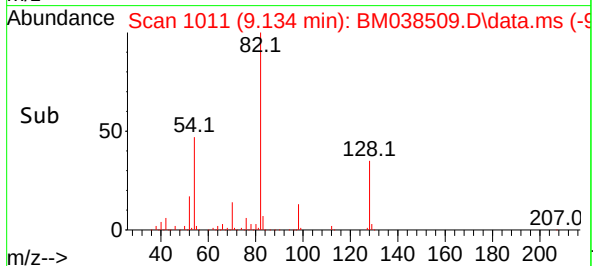
Tgt Ion:	82	Resp:	392159
Ion Ratio	Lower	Upper	
82	100		
128	34.8	29.3	43.9
54	47.0	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#24

Nitrobenzene

Concen: 5.510 ng

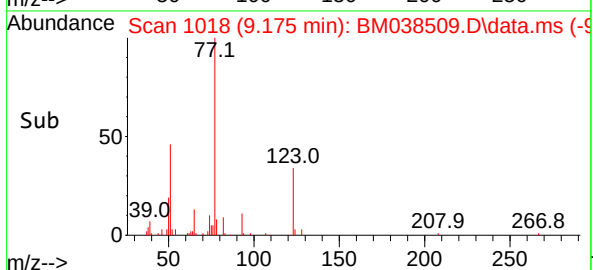
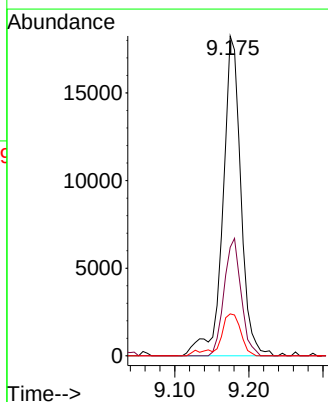
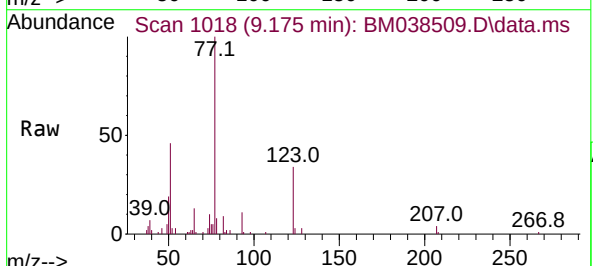
RT: 9.175 min Scan# 1018

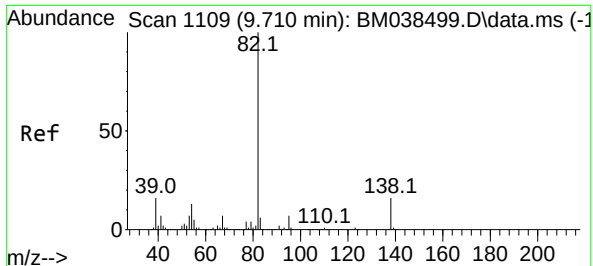
Delta R.T. -0.012 min

Lab File: BM038509.D

Acq: 23 Jan 2023 14:36

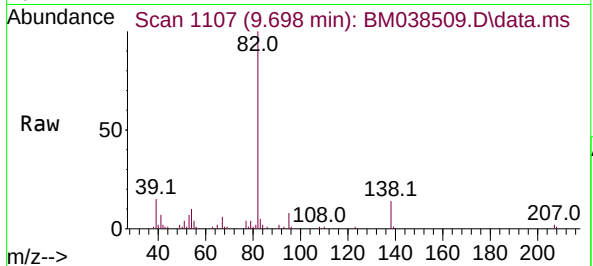
Tgt Ion:	77	Resp:	30734
Ion Ratio	Lower	Upper	
77	100		
123	33.9	31.5	47.3
65	13.1	11.2	16.8





#25
Isophorone
Concen: 4.874 ng
RT: 9.698 min Scan# 1107
Delta R.T. -0.012 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

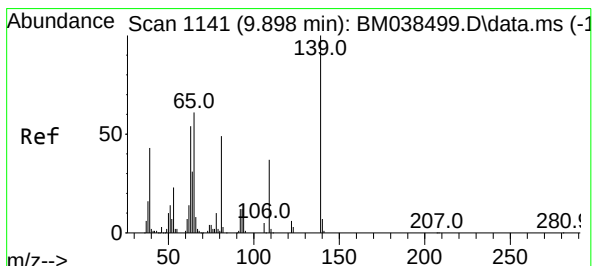
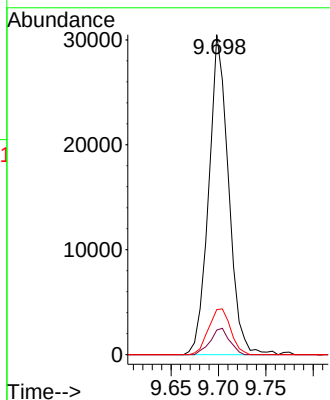
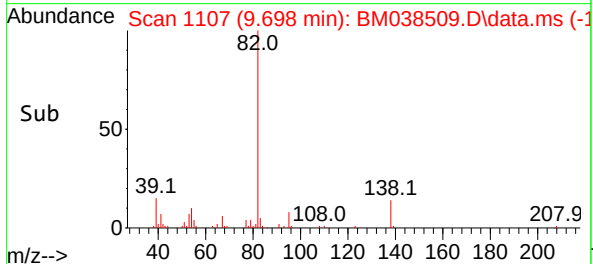
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



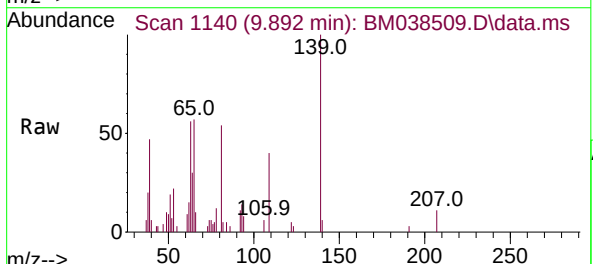
Tgt Ion: 82 Resp: 44340
Ion Ratio Lower Upper
82 100
95 7.7 5.6 8.4
138 14.1 13.2 19.8

Manual Integrations
APPROVED

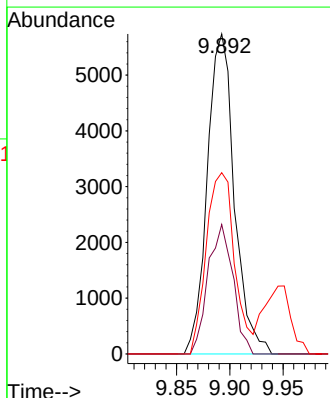
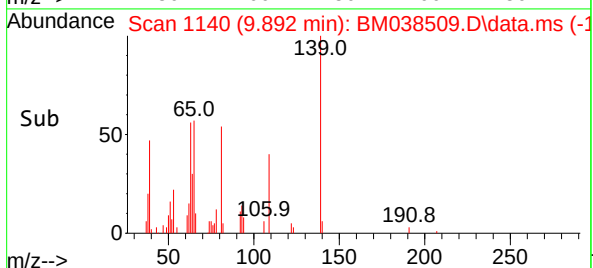
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

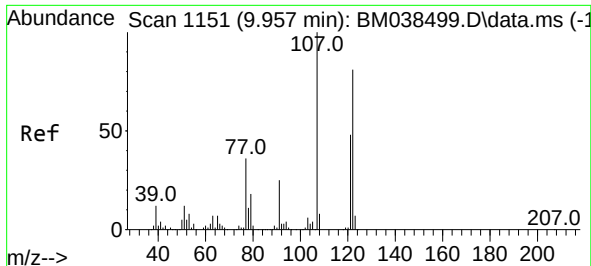


#26
2-Nitrophenol
Concen: 4.574 ng
RT: 9.892 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36



Tgt Ion:139 Resp: 10128
Ion Ratio Lower Upper
139 100
109 40.5 29.3 43.9
65 56.6 48.6 72.8





#27

2,4-Dimethylphenol

Concen: 3.419 ng

RT: 9.945 min Scan# 1151

Delta R.T. -0.012 min

Lab File: BM038509.D

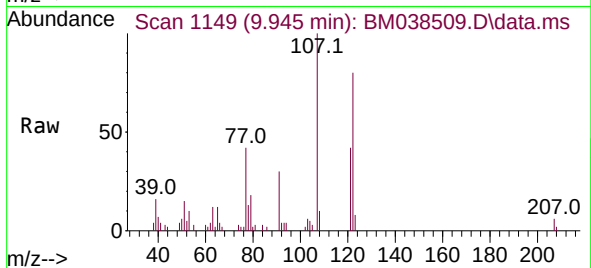
Acq: 23 Jan 2023 14:36

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2022



Tgt Ion:122 Resp: 1259

Ion Ratio Lower Upper

122 100

107 125.6 98.2 147.2

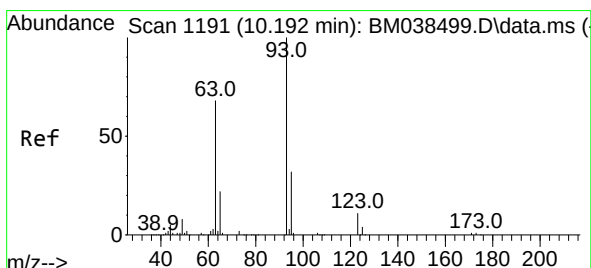
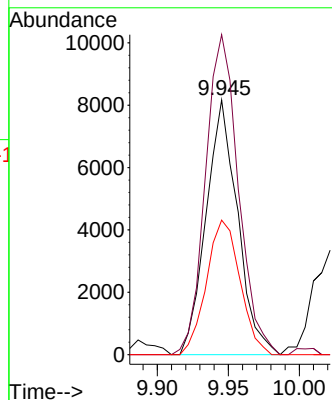
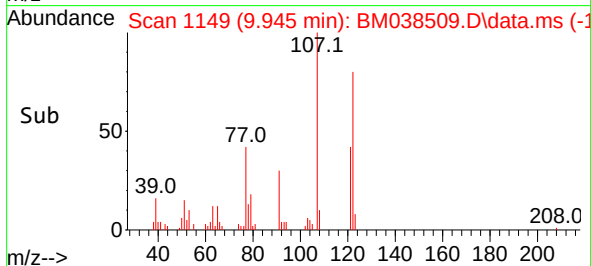
121 52.8 47.1 70.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#28

bis(2-Chloroethoxy)methane

Concen: 4.894 ng

RT: 10.186 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BM038509.D

Acq: 23 Jan 2023 14:36

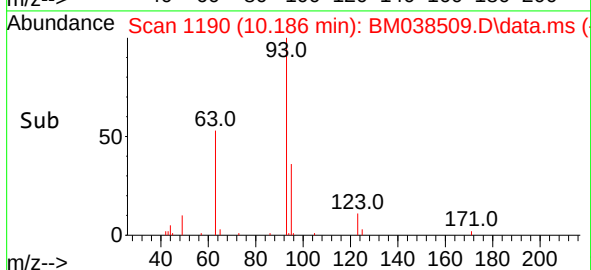
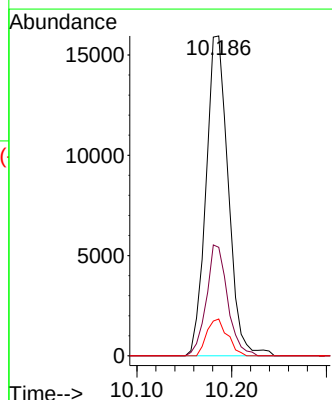
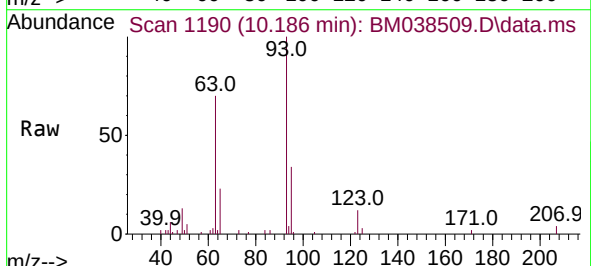
Tgt Ion: 93 Resp: 26047

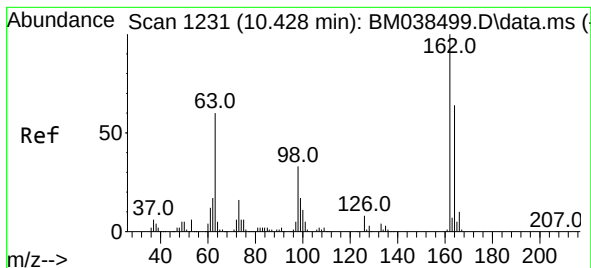
Ion Ratio Lower Upper

93 100

95 33.9 25.3 37.9

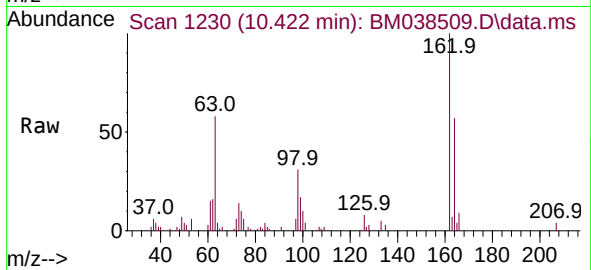
123 11.5 8.8 13.2





#29
2,4-Dichlorophenol
Concen: 4.802 ng
RT: 10.422 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

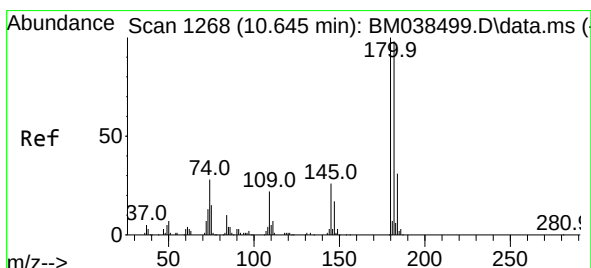
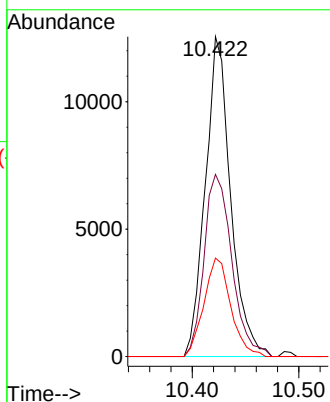
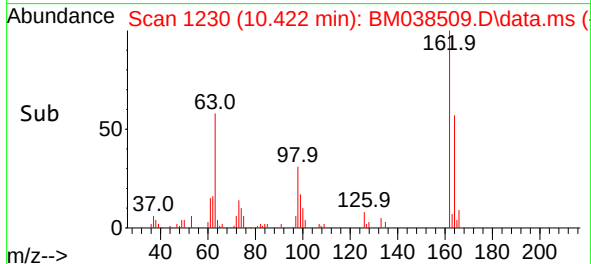
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



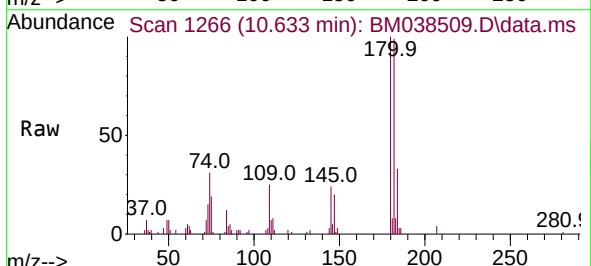
Tgt Ion:162 Resp: 20759
Ion Ratio Lower Upper
162 100
164 56.9 43.7 83.7
98 30.8 12.9 52.9

Manual Integrations
APPROVED

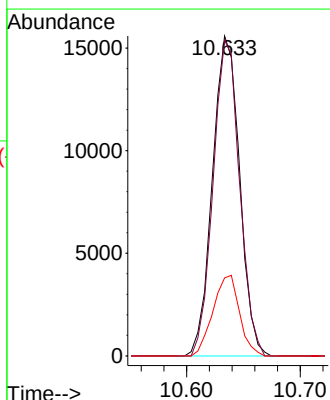
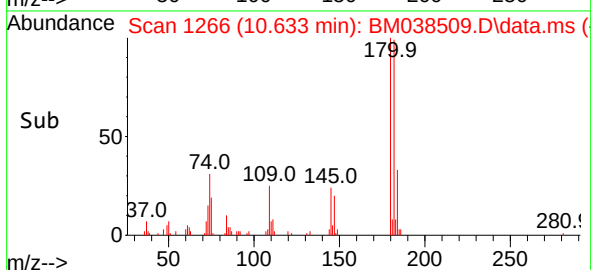
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

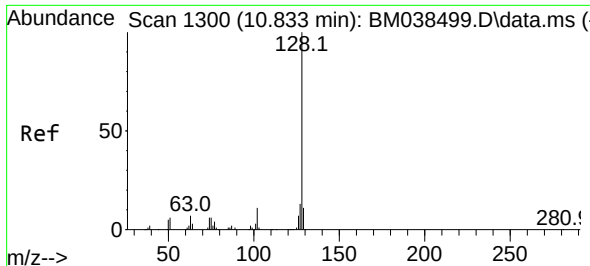


#30
1,2,4-Trichlorobenzene
Concen: 5.215 ng
RT: 10.633 min Scan# 1266
Delta R.T. -0.012 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36



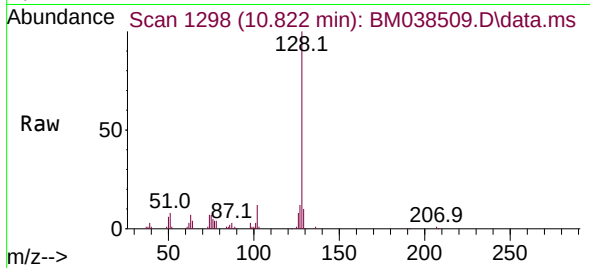
Tgt Ion:180 Resp: 25781
Ion Ratio Lower Upper
180 100
182 98.7 78.3 117.5
145 24.4 21.0 31.6





#31
Naphthalene
Concen: 4.898 ng
RT: 10.822 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

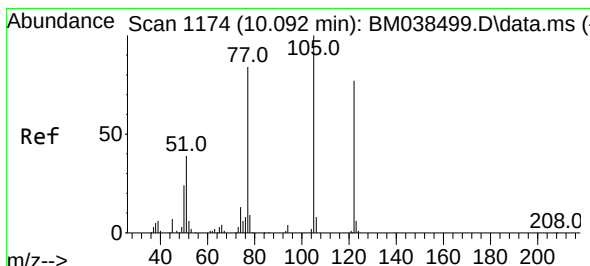
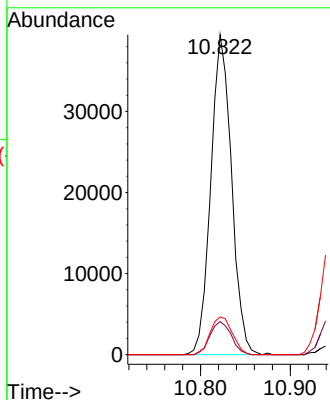
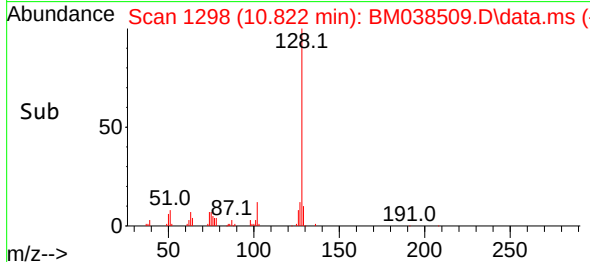
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:128 Resp: 63703
Ion Ratio Lower Upper
128 100
129 10.3 8.8 13.2
127 11.8 10.3 15.5

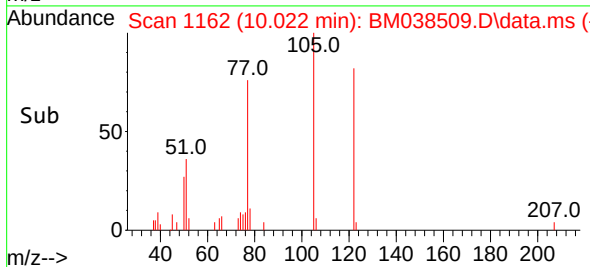
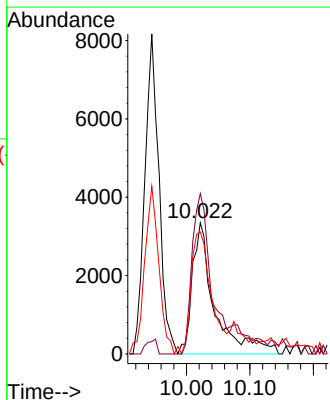
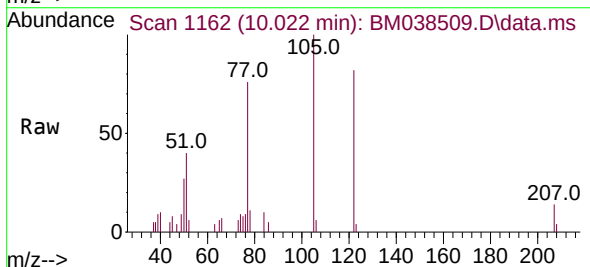
Manual Integrations
APPROVED

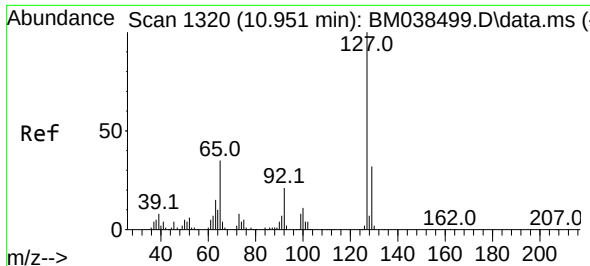
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#32
Benzoic acid
Concen: 8.086 ng m
RT: 10.022 min Scan# 1162
Delta R.T. -0.070 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

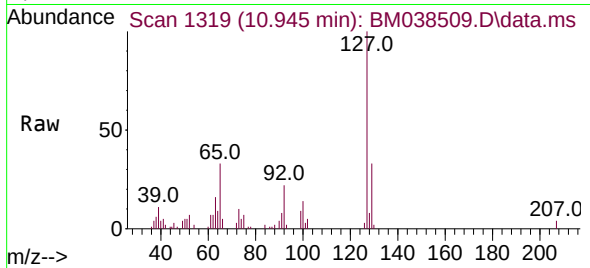
Tgt Ion:122 Resp: 8154
Ion Ratio Lower Upper
122 100
105 122.2 107.9 147.9
77 93.0 88.6 128.6





#33
4-Chloroaniline
Concen: 4.563 ng
RT: 10.945 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

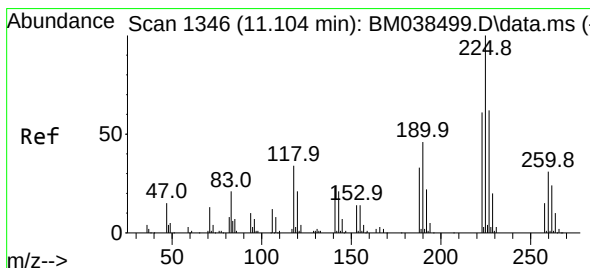
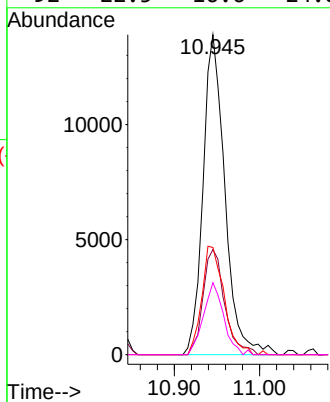
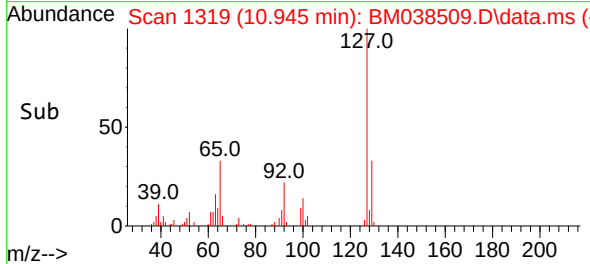
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.6
65	33.5	28.2	42.2
92	22.5	16.6	24.8

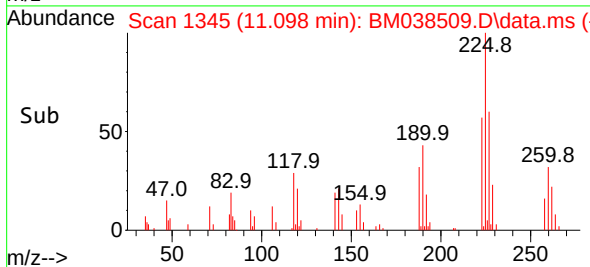
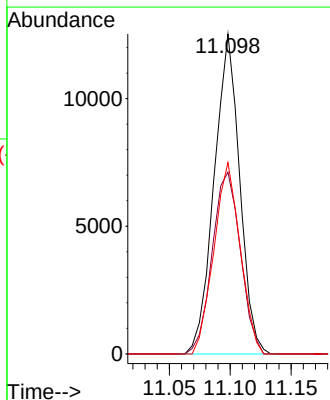
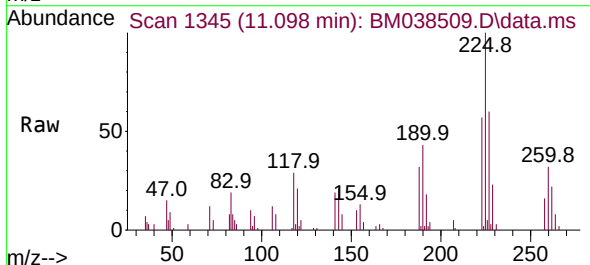
Manual Integrations
APPROVED

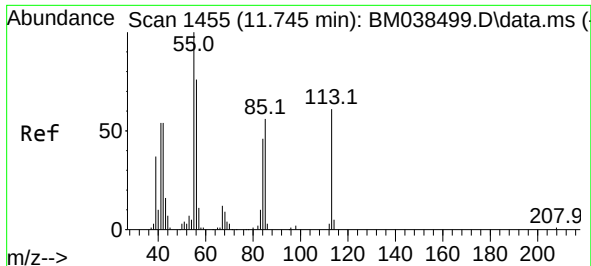
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#34
Hexachlorobutadiene
Concen: 5.617 ng
RT: 11.098 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

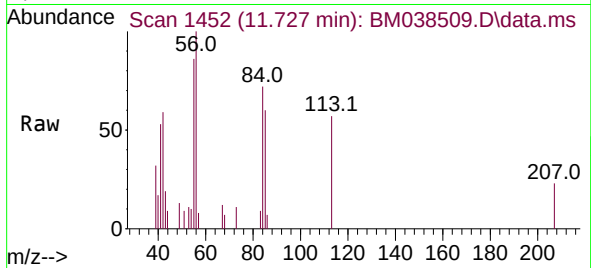
Tgt Ion	Ratio	Lower	Upper
225	100		
223	56.8	48.8	73.2
227	59.8	49.4	74.0





#35
Caprolactam
Concen: 3.300 ng
RT: 11.727 min Scan# 1455
Delta R.T. -0.018 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

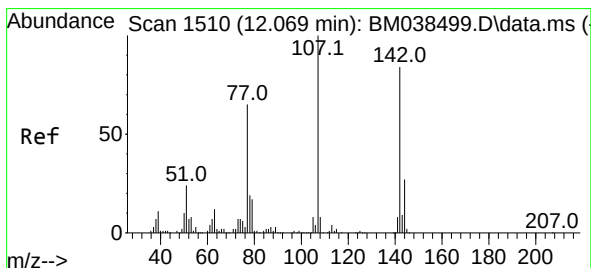
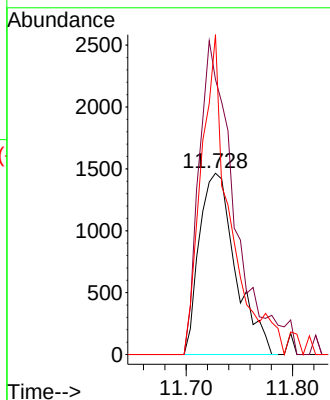
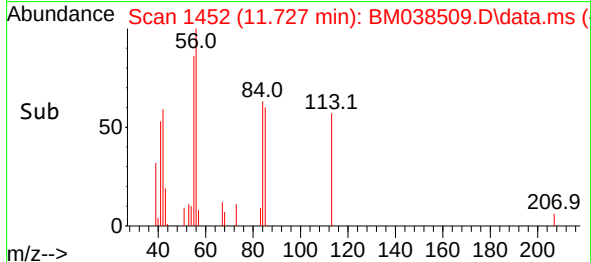
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



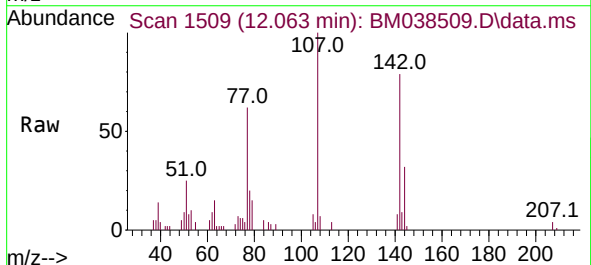
Tgt Ion:113 Resp: 3459
Ion Ratio Lower Upper
113 100
55 151.7 145.0 185.0
56 176.5 105.7 145.7

Manual Integrations
APPROVED

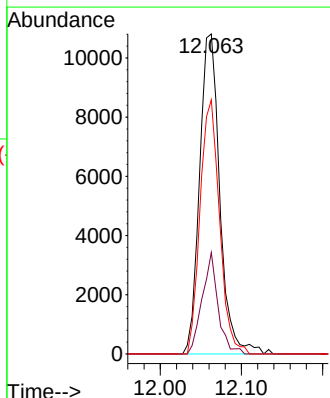
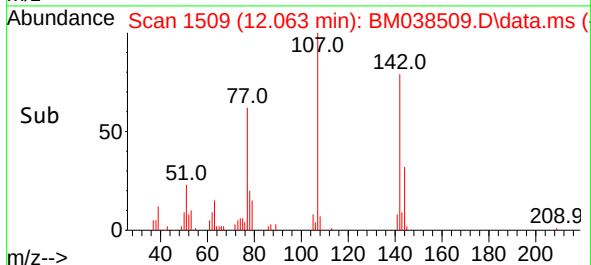
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

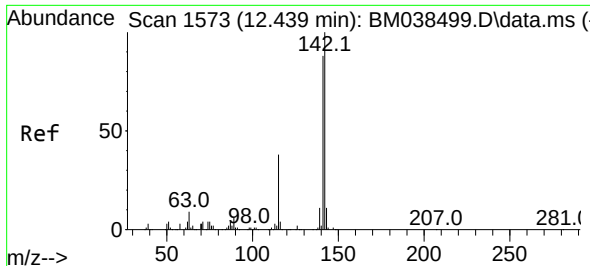


#36
4-Chloro-3-methylphenol
Concen: 4.771 ng
RT: 12.063 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36



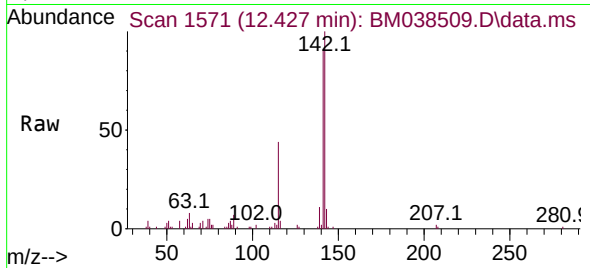
Tgt Ion:107 Resp: 18757
Ion Ratio Lower Upper
107 100
144 31.7 22.0 33.0
142 79.4 67.5 101.3





#37
2-Methylnaphthalene
Concen: 4.582 ng
RT: 12.427 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

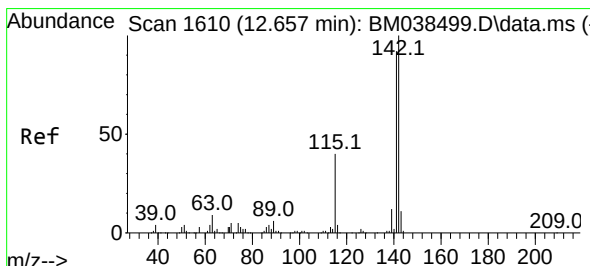
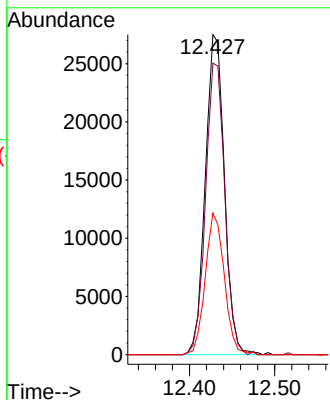
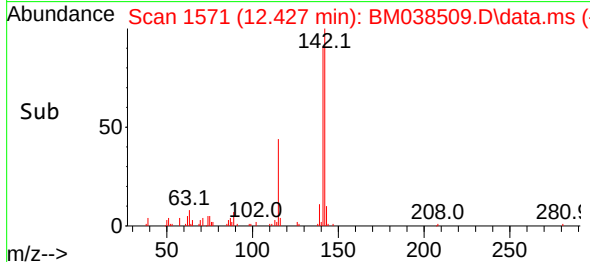
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:142 Resp: 42830
Ion Ratio Lower Upper
142 100
141 91.1 70.7 106.1
115 44.2 30.4 45.6

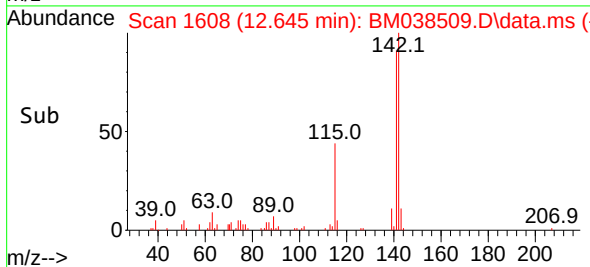
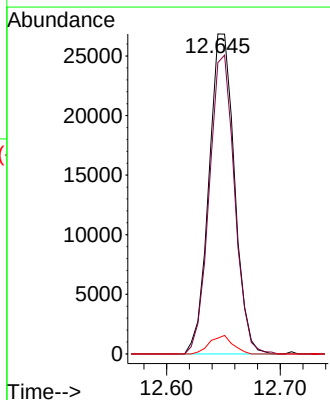
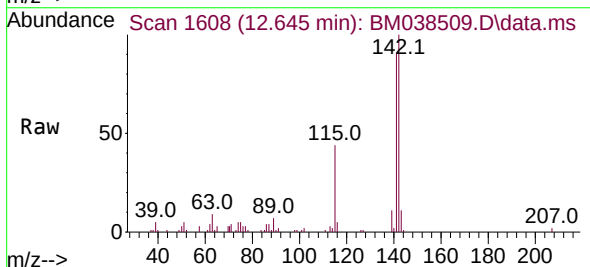
Manual Integrations
APPROVED

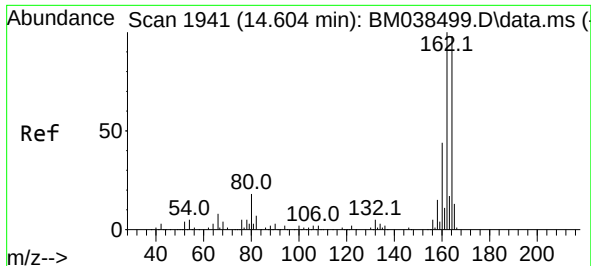
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#38
1-Methylnaphthalene
Concen: 4.759 ng
RT: 12.645 min Scan# 1608
Delta R.T. -0.012 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

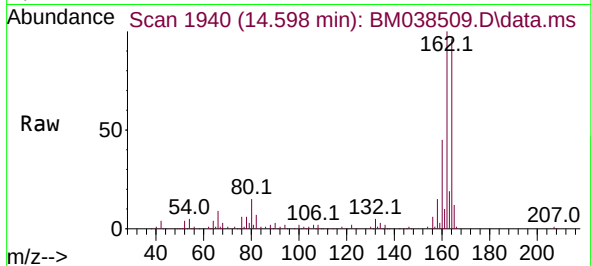
Tgt Ion:142 Resp: 41953
Ion Ratio Lower Upper
142 100
141 91.0 73.4 110.0
116 4.9 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

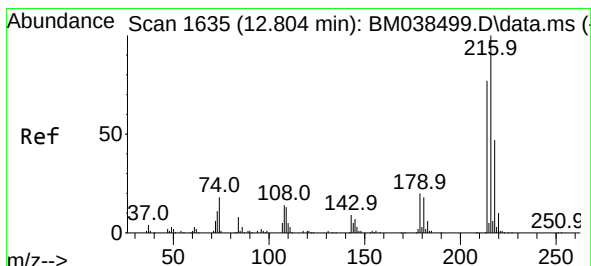
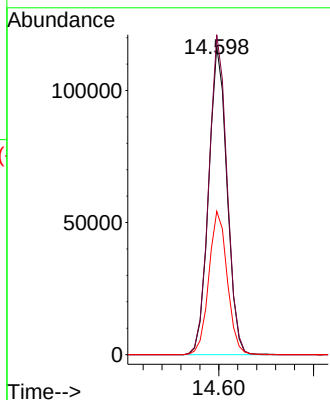
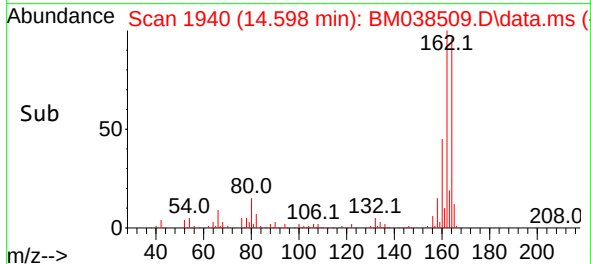
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:164 Resp: 15688
Ion Ratio Lower Upper
164 100
162 103.8 82.0 123.0
160 46.5 35.8 53.6

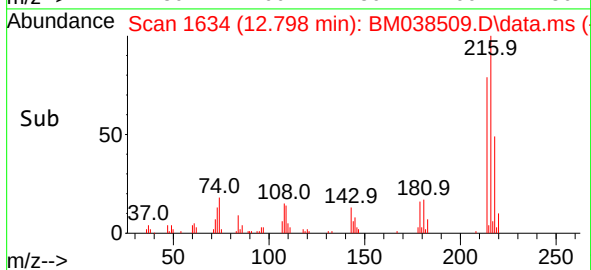
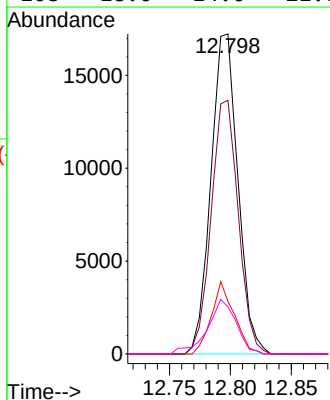
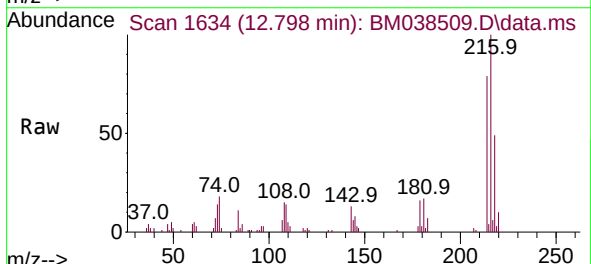
Manual Integrations
APPROVED

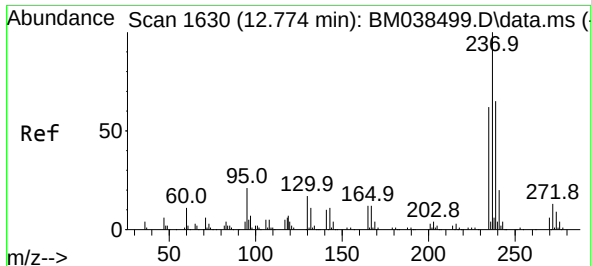
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.506 ng
RT: 12.798 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

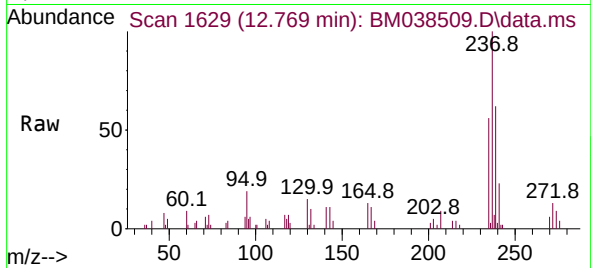
Tgt Ion:216 Resp: 26591
Ion Ratio Lower Upper
216 100
214 79.4 61.4 92.0
179 19.1 15.7 23.5
108 18.0 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 4.015 ng
RT: 12.769 min Scan# 1629
Delta R.T. -0.006 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

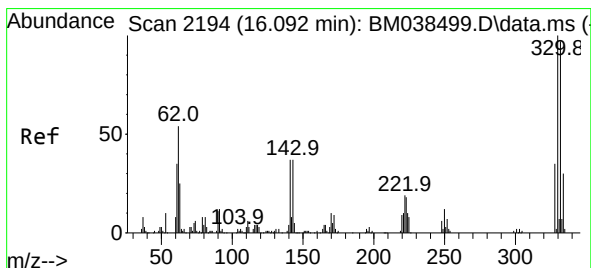
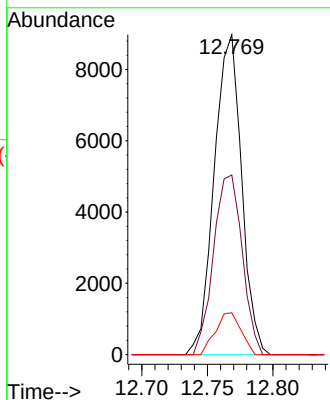
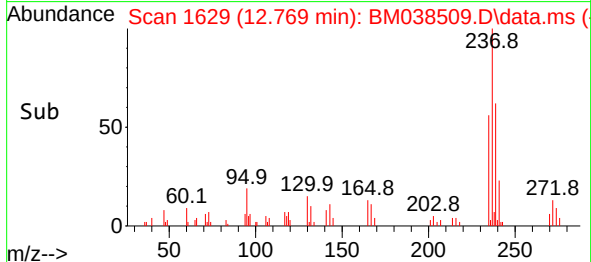
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



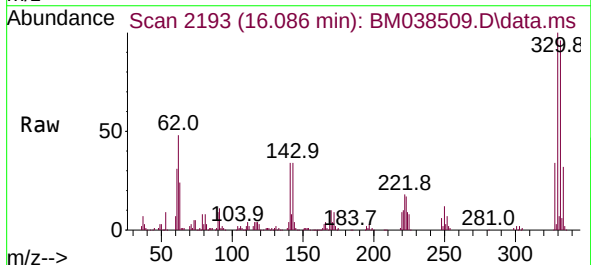
Tgt Ion:237 Resp: 13024
Ion Ratio Lower Upper
237 100
235 56.2 42.3 82.3
272 13.1 0.0 32.9

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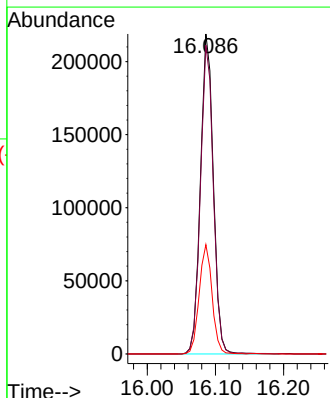
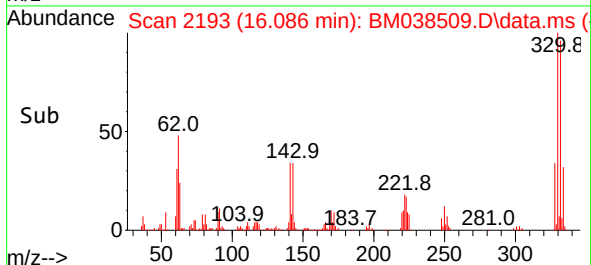
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

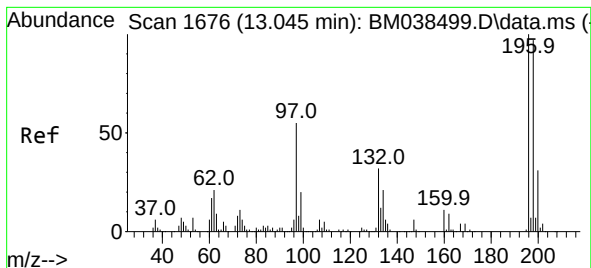


#42
2,4,6-Tribromophenol
Concen: 127.457 ng
RT: 16.086 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36



Tgt Ion:330 Resp: 287949
Ion Ratio Lower Upper
330 100
332 96.4 77.5 116.3
141 34.1 29.0 43.4





#43

2,4,6-Trichlorophenol

Concen: 4.699 ng

RT: 13.039 min Scan# 1675

Delta R.T. -0.006 min

Lab File: BM038509.D

Acq: 23 Jan 2023 14:36

Instrument :

BNA_M

ClientSampleId :

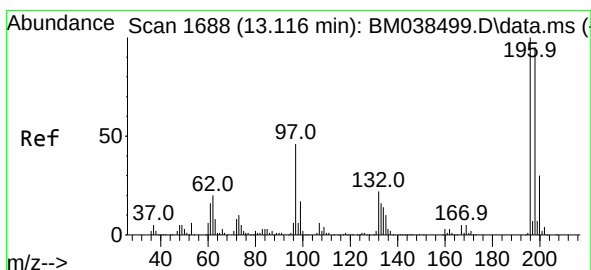
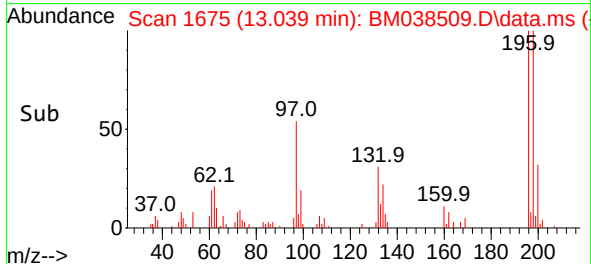
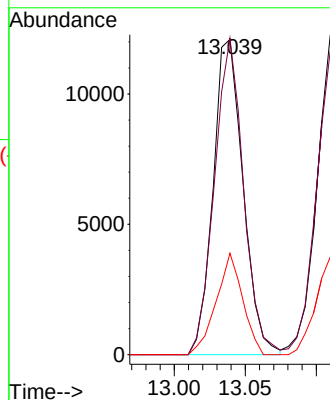
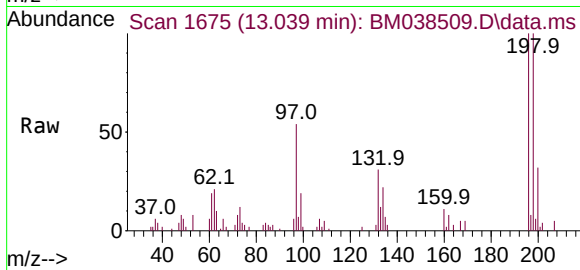
LOQ-WATER-02-QT4-2022

Tgt Ion:196	Resp:	17752
Ion Ratio	Lower	Upper
196	100	
198	100.4	77.9 116.9
200	32.1	24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#44

2,4,5-Trichlorophenol

Concen: 4.374 ng

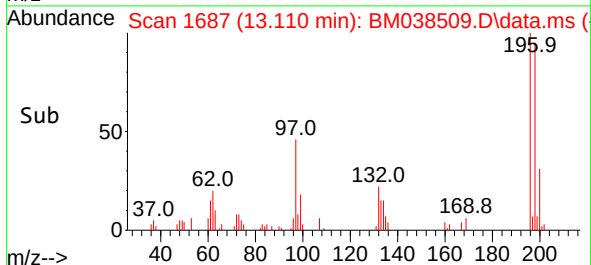
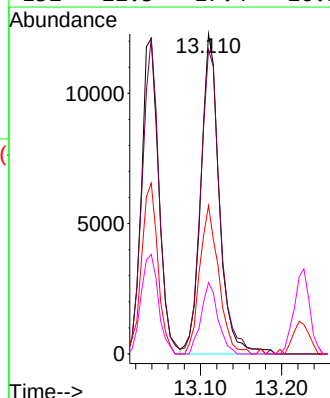
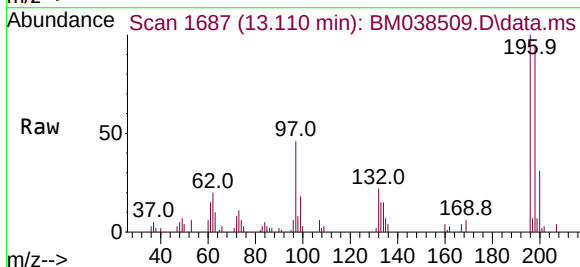
RT: 13.110 min Scan# 1687

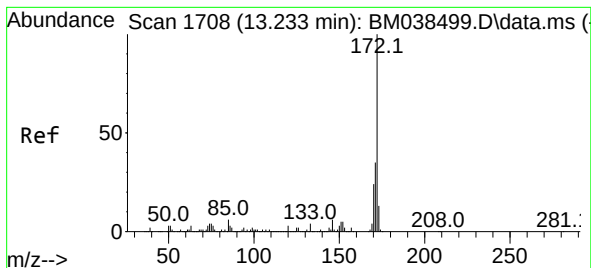
Delta R.T. -0.006 min

Lab File: BM038509.D

Acq: 23 Jan 2023 14:36

Tgt Ion:196	Resp:	19355
Ion Ratio	Lower	Upper
196	100	
198	95.1	76.0 114.0
97	46.3	36.9 55.3
132	22.3	17.4 26.2





#45

2-Fluorobiphenyl

Concen: 71.481 ng

RT: 13.227 min Scan# 1707

Delta R.T. -0.006 min

Lab File: BM038509.D

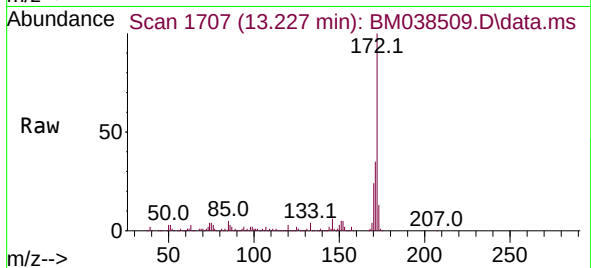
Acq: 23 Jan 2023 14:36

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2022



Tgt Ion:172 Resp: 910380

Ion Ratio Lower Upper

172 100

171 34.9 28.0 42.0

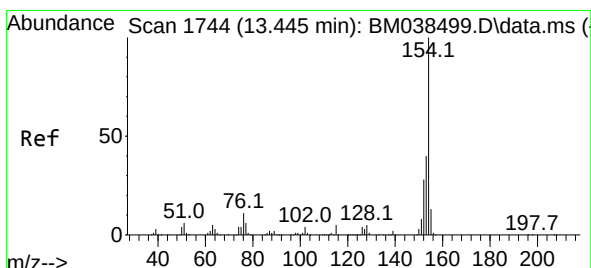
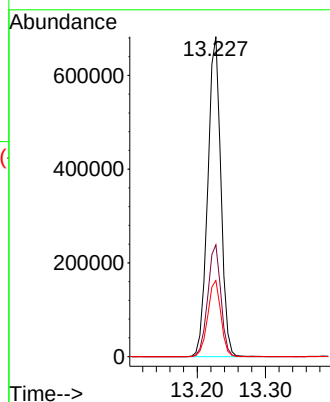
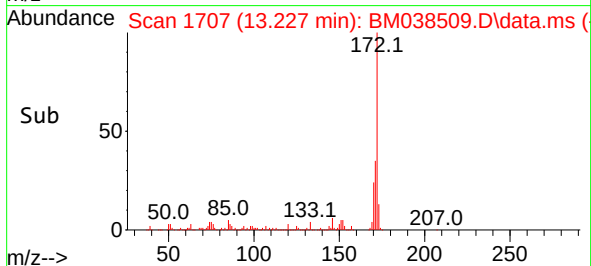
170 23.8 19.5 29.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#46

1,1'-Biphenyl

Concen: 4.398 ng

RT: 13.433 min Scan# 1742

Delta R.T. -0.012 min

Lab File: BM038509.D

Acq: 23 Jan 2023 14:36

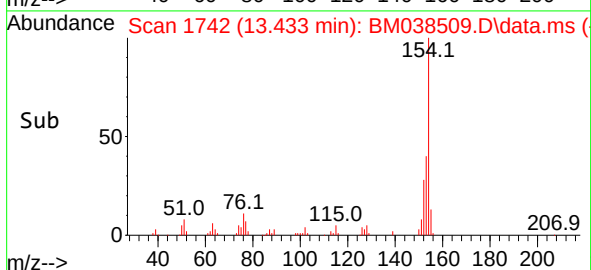
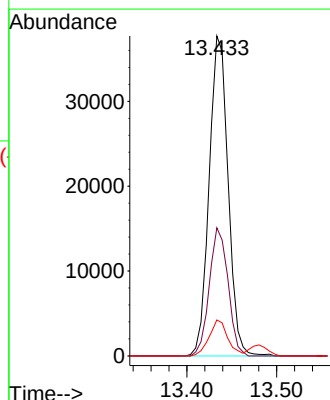
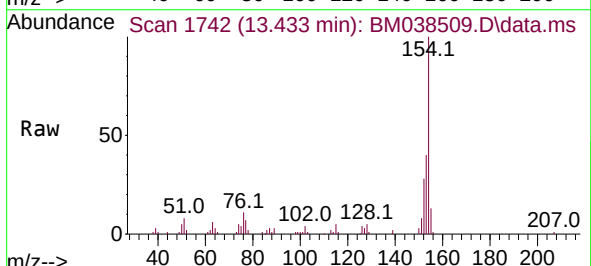
Tgt Ion:154 Resp: 55264

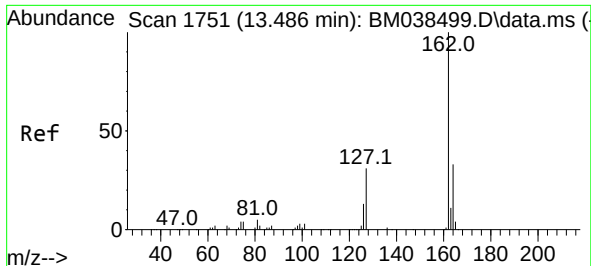
Ion Ratio Lower Upper

154 100

153 40.0 20.1 60.1

76 11.2 0.0 31.3





#47

2-Chloronaphthalene

Concen: 5.024 ng

RT: 13.480 min Scan# 1750

Delta R.T. -0.006 min

Lab File: BM038509.D

Acq: 23 Jan 2023 14:36

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion:162 Resp: 49278

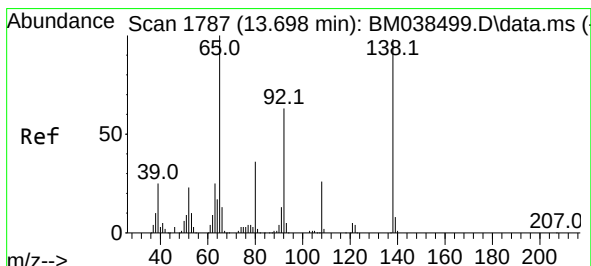
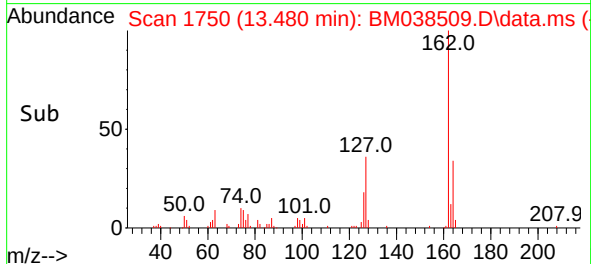
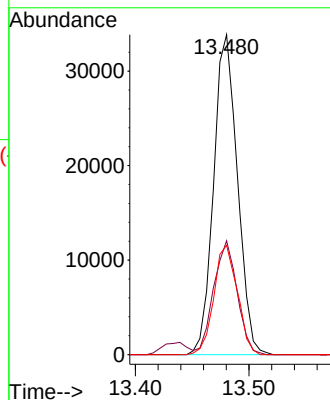
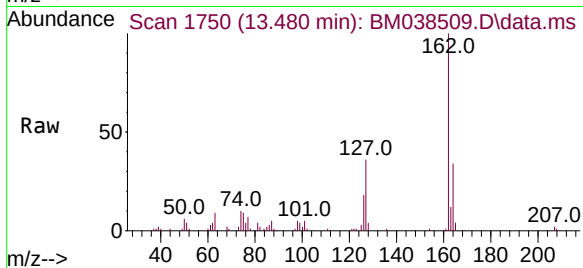
Ion	Ratio	Lower	Upper
162	100		
127	35.6	27.4	41.2
164	34.2	26.7	40.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#48

2-Nitroaniline

Concen: 3.802 ng

RT: 13.692 min Scan# 1786

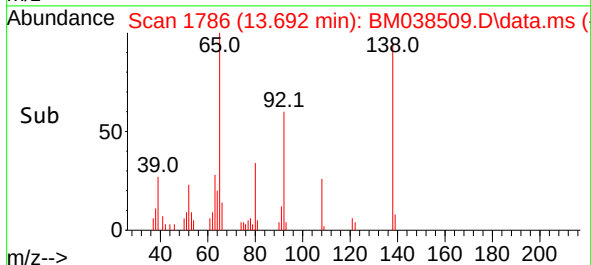
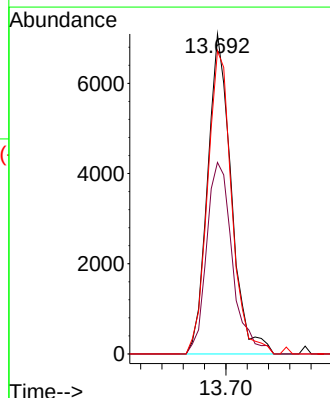
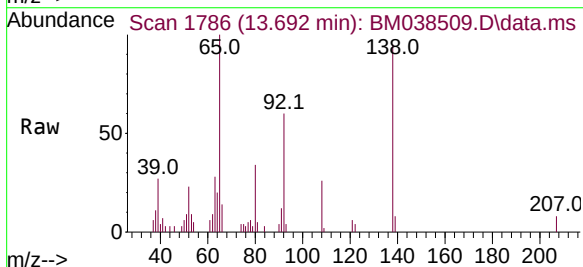
Delta R.T. -0.006 min

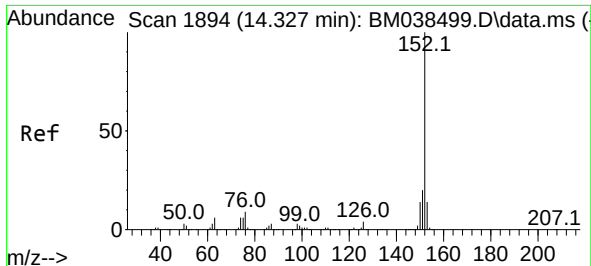
Lab File: BM038509.D

Acq: 23 Jan 2023 14:36

Tgt Ion: 65 Resp: 10950

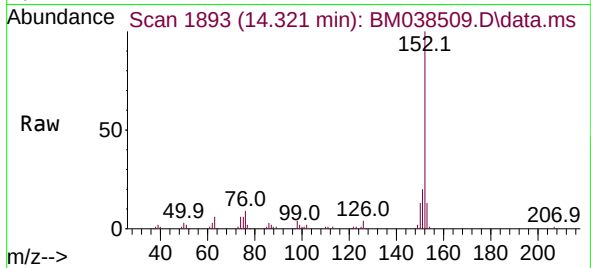
Ion	Ratio	Lower	Upper
65	100		
92	59.8	50.0	75.0
138	94.7	78.2	117.2





#49
Acenaphthylene
Concen: 4.493 ng
RT: 14.321 min Scan# 1893
Delta R.T. -0.006 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

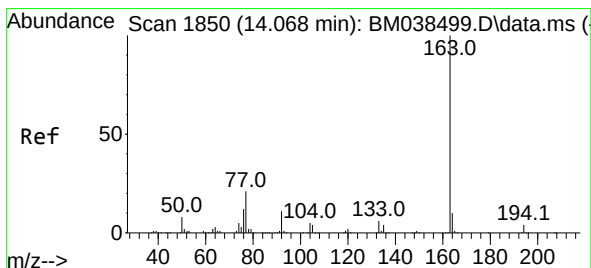
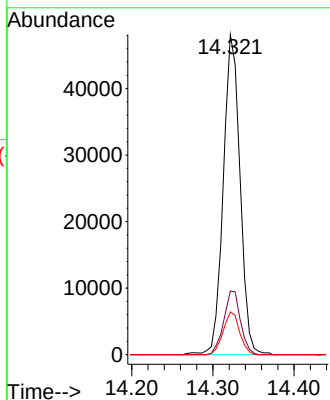
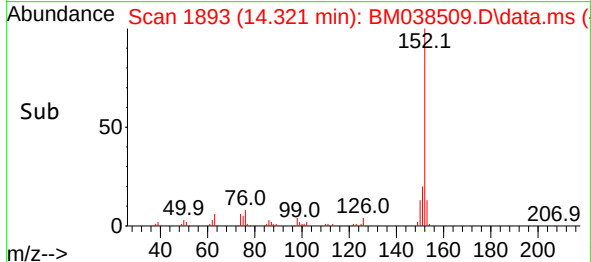
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



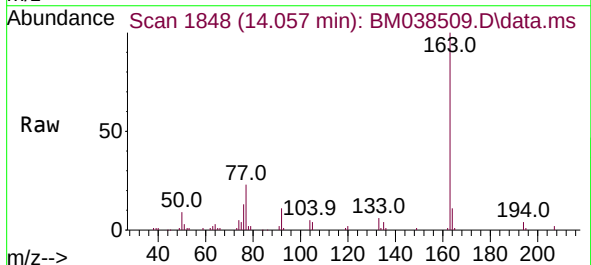
Tgt Ion:152 Resp: 68952
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.3 10.8 16.2

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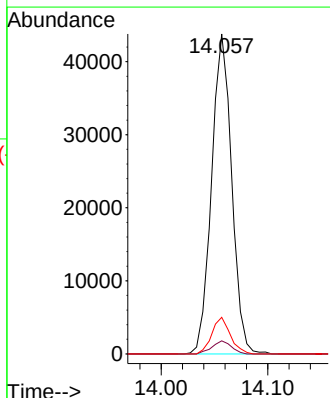
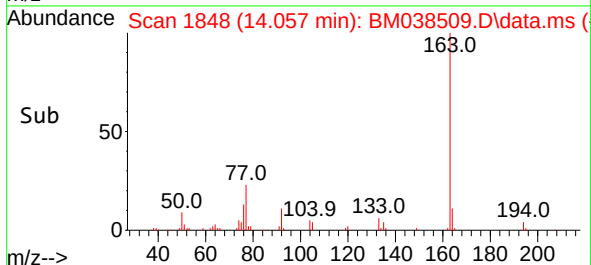
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

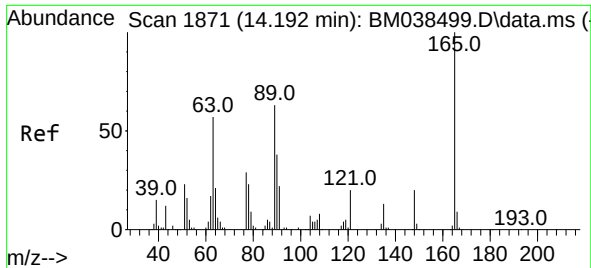


#50
Dimethylphthalate
Concen: 4.763 ng
RT: 14.057 min Scan# 1848
Delta R.T. -0.012 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36



Tgt Ion:163 Resp: 57523
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 11.4 8.0 12.0





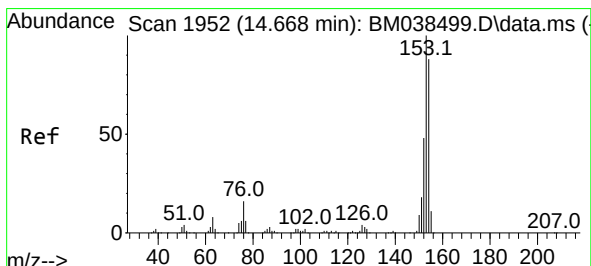
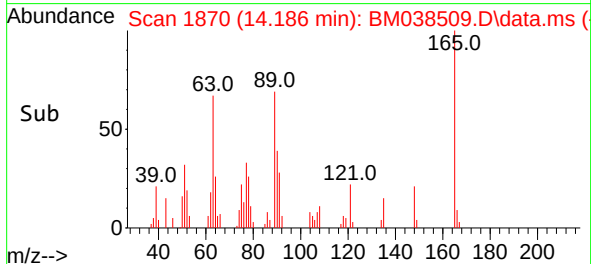
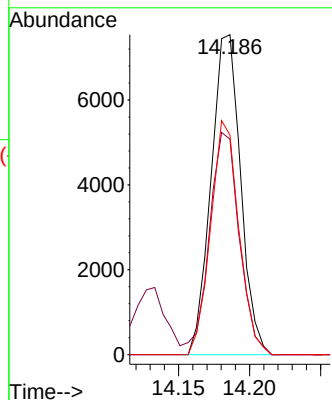
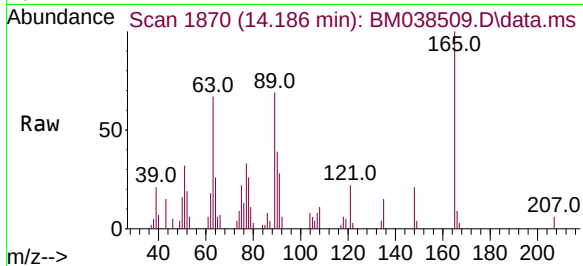
#51
2,6-Dinitrotoluene
Concen: 4.293 ng
RT: 14.186 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

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

Tgt Ion:165 Resp: 1091
Ion Ratio Lower Upper
165 100
63 67.3 51.0 76.4
89 68.6 50.2 75.4

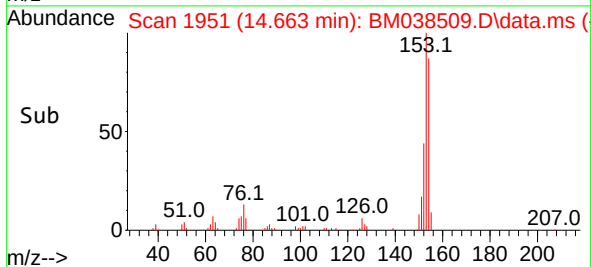
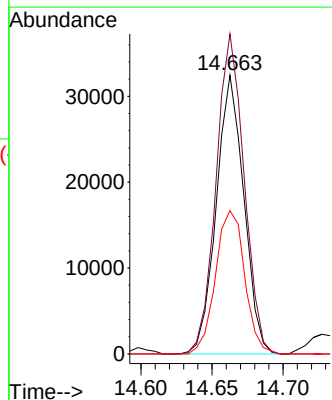
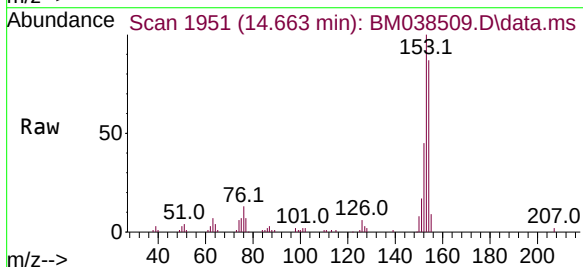
Manual Integrations
APPROVED

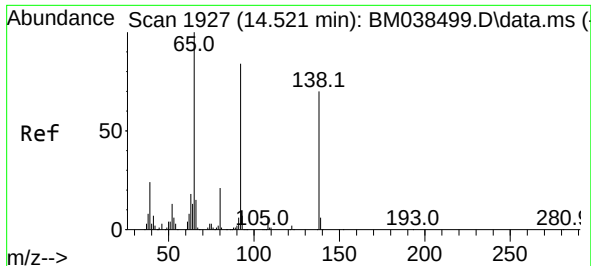
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#52
Acenaphthene
Concen: 4.680 ng
RT: 14.663 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

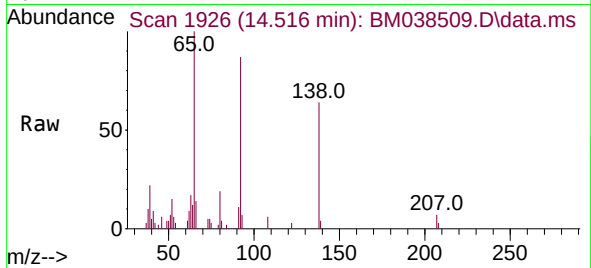
Tgt Ion:154 Resp: 43803
Ion Ratio Lower Upper
154 100
153 114.8 90.7 136.1
152 51.4 43.8 65.8





#53
3-Nitroaniline
Concen: 3.668 ng
RT: 14.516 min Scan# 1926
Delta R.T. -0.005 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

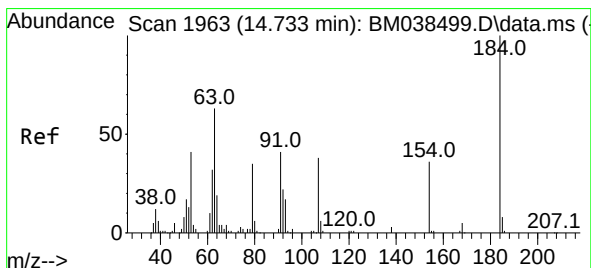
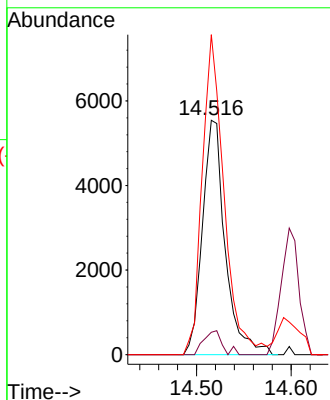
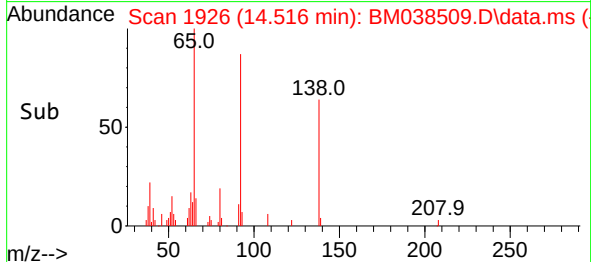
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



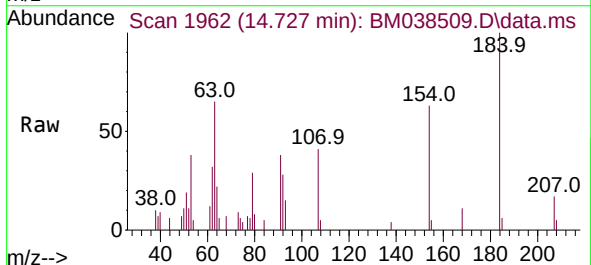
Tgt Ion:138 Resp: 9263
Ion Ratio Lower Upper
138 100
108 9.5 7.0 10.4
92 136.5 95.7 143.5

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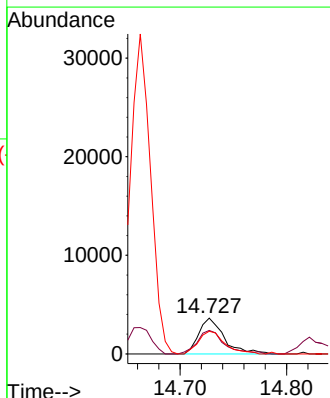
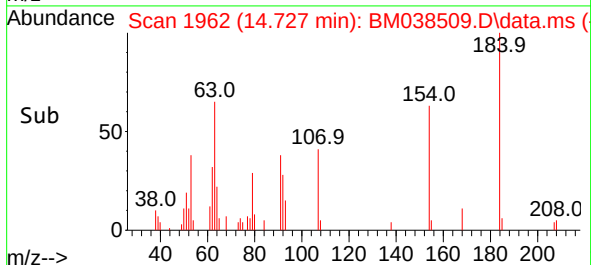
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

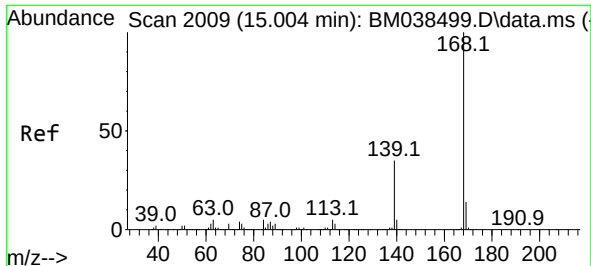


#54
2,4-Dinitrophenol
Concen: 7.682 ng
RT: 14.727 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36



Tgt Ion:184 Resp: 5960
Ion Ratio Lower Upper
184 100
63 65.4 52.2 78.4
154 63.0 48.9 73.3





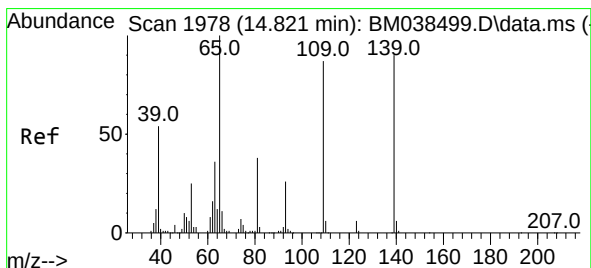
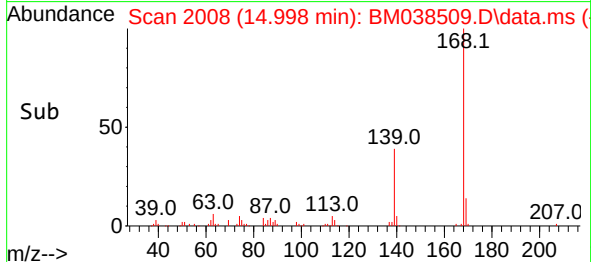
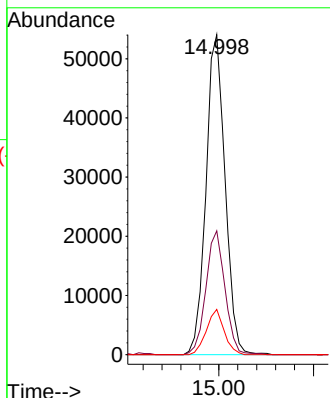
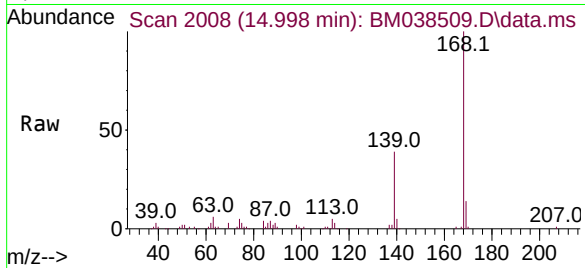
#55
Dibenzenofuran
Concen: 4.841 ng
RT: 14.998 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

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

Tgt Ion:168 Resp: 7574
Ion Ratio Lower Upper
168 100
139 38.7 27.9 41.9
169 14.1 11.0 16.6

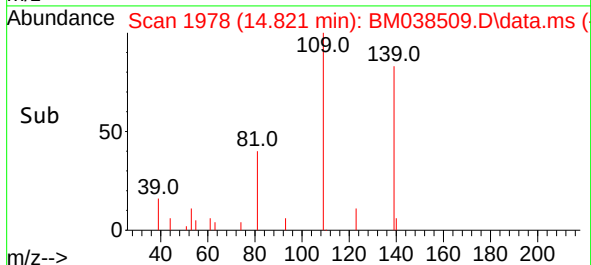
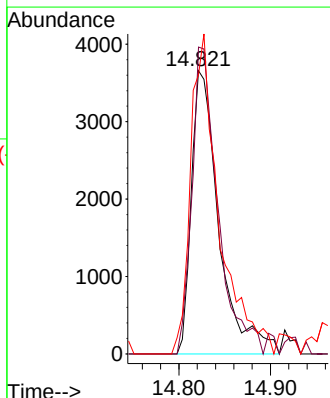
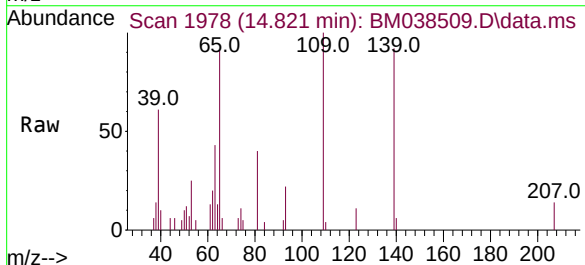
Manual Integrations
APPROVED

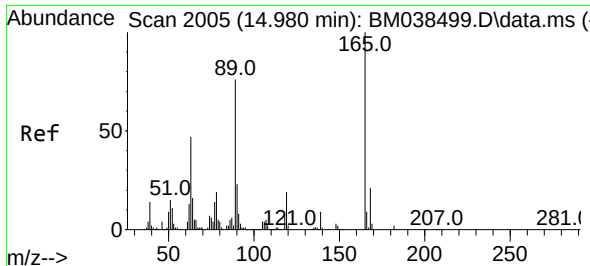
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#56
4-Nitrophenol
Concen: 3.679 ng m
RT: 14.821 min Scan# 1978
Delta R.T. 0.000 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

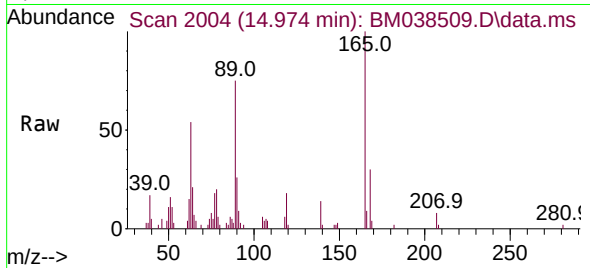
Tgt Ion:139 Resp: 7652
Ion Ratio Lower Upper
139 100
109 108.4 76.8 116.8
65 98.6 91.7 131.7





#57
2,4-Dinitrotoluene
Concen: 4.031 ng
RT: 14.974 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

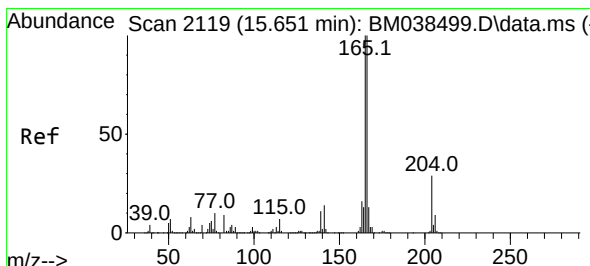
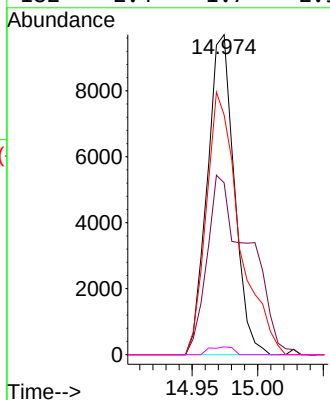
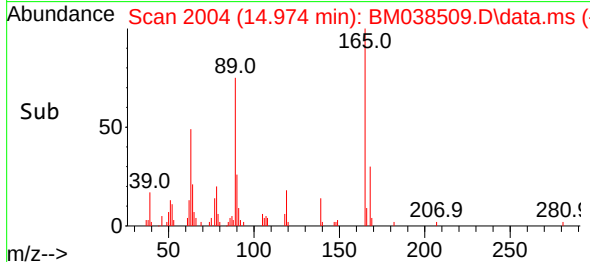
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:165 Resp: 1388
Ion Ratio Lower Upper
165 100
63 53.7 37.8 56.8
89 74.9 60.9 91.3
182 2.4 1.7 2.5

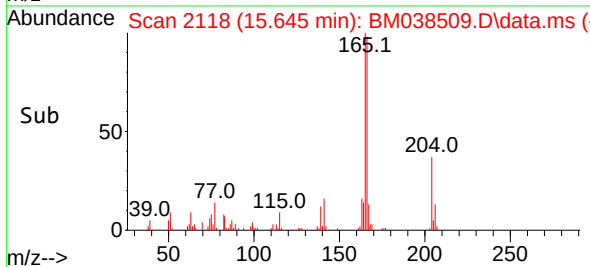
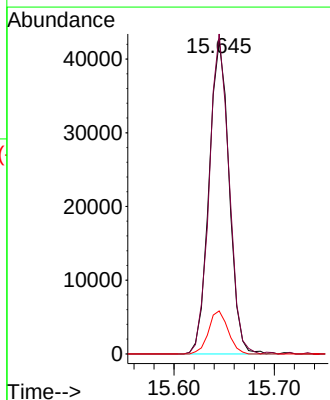
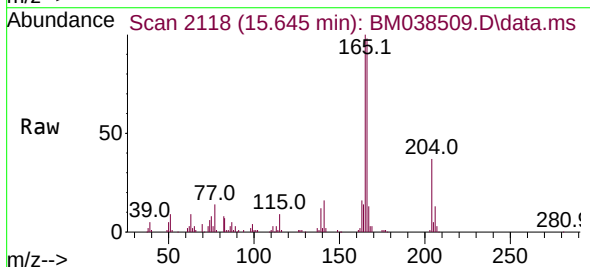
Manual Integrations
APPROVED

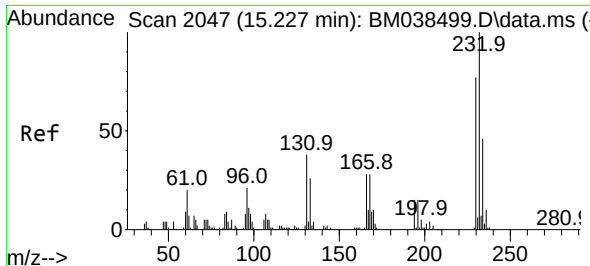
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#58
Fluorene
Concen: 4.658 ng
RT: 15.645 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

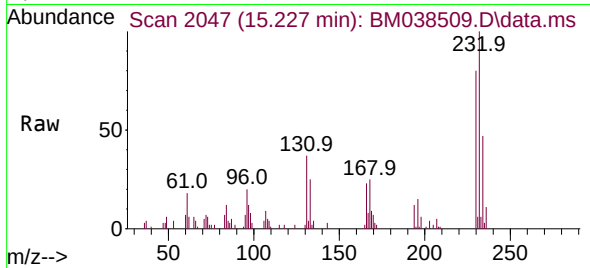
Tgt Ion:166 Resp: 59102
Ion Ratio Lower Upper
166 100
165 102.3 79.6 119.4
167 13.8 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 4.836 ng
RT: 15.227 min Scan# 2047
Delta R.T. 0.000 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

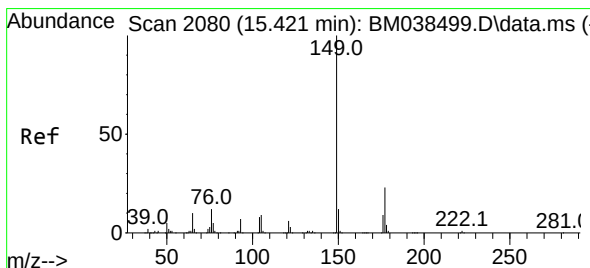
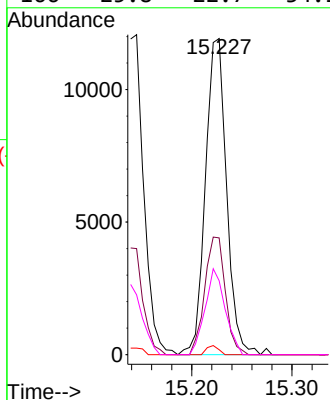
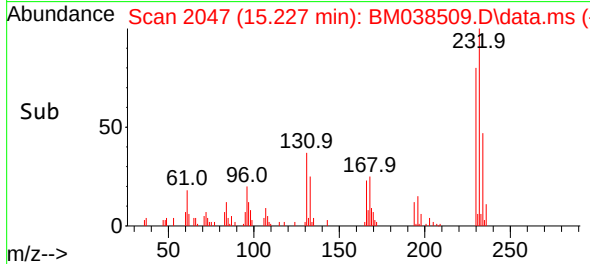
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



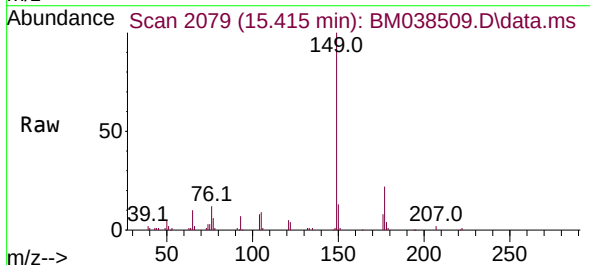
Tgt Ion:232 Resp: 17489
Ion Ratio Lower Upper
232 100
131 36.2 31.0 46.4
130 1.6 1.8 2.6
166 25.8 22.7 34.1

Manual Integrations
APPROVED

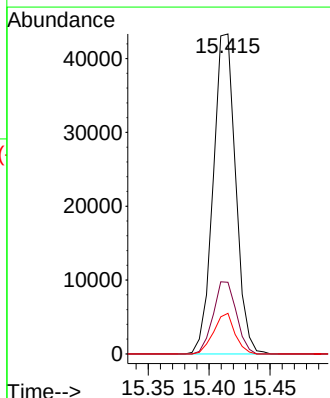
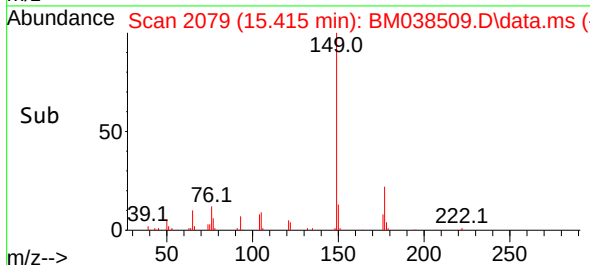
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

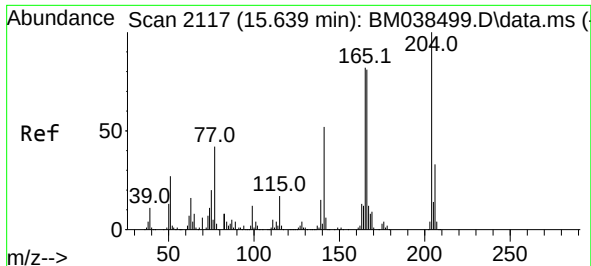


#60
Diethylphthalate
Concen: 4.694 ng
RT: 15.415 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36



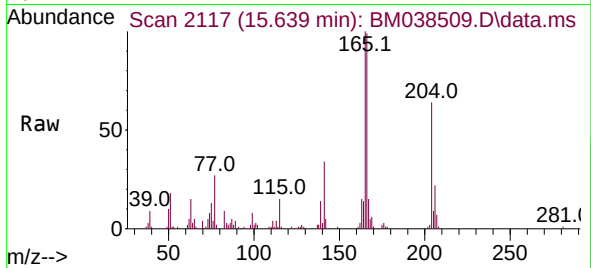
Tgt Ion:149 Resp: 55514
Ion Ratio Lower Upper
149 100
177 22.4 18.6 27.8
150 12.7 9.5 14.3





#61
4-Chlorophenyl-phenylether
Concen: 4.815 ng
RT: 15.639 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

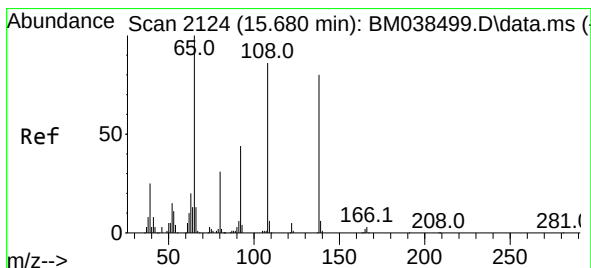
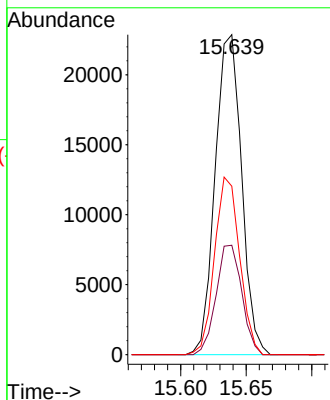
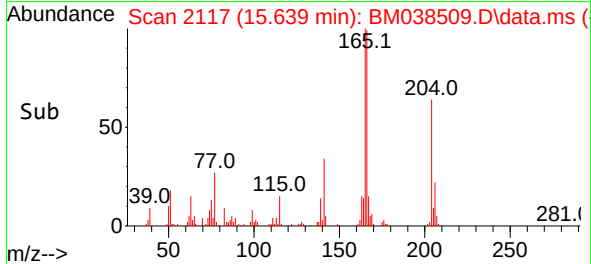
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:204 Resp: 3207
Ion Ratio Lower Upper
204 100
206 34.2 26.2 39.4
141 52.6 41.5 62.3

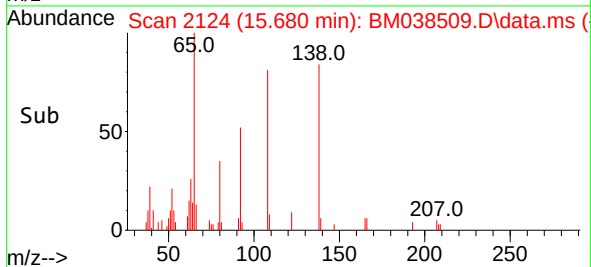
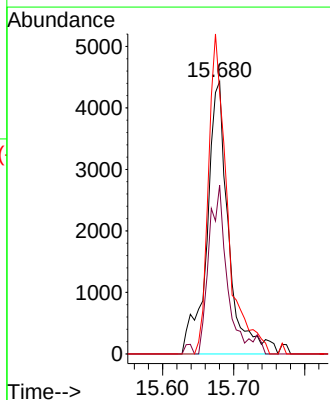
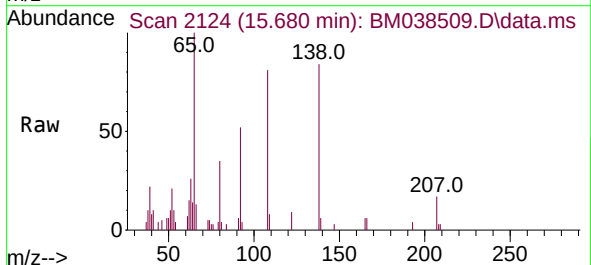
Manual Integrations
APPROVED

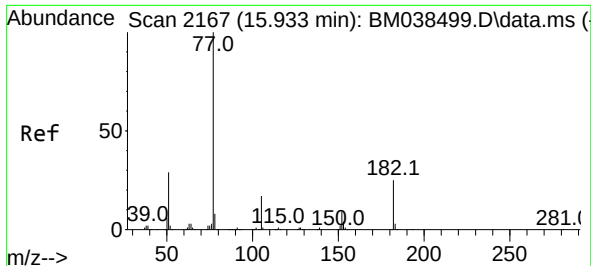
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#62
4-Nitroaniline
Concen: 6.379 ng
RT: 15.680 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

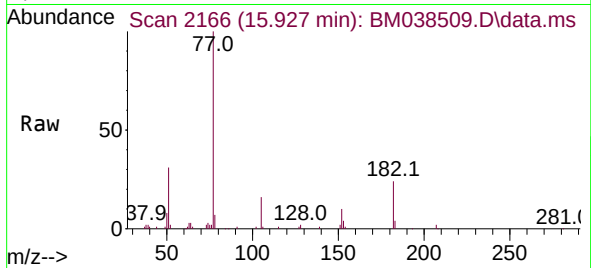
Tgt Ion:138 Resp: 9321
Ion Ratio Lower Upper
138 100
92 61.9 35.2 75.2
108 96.0 87.3 127.3





#63
Azobenzene
Concen: 4.368 ng
RT: 15.927 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

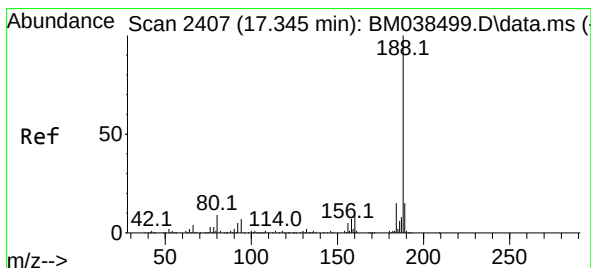
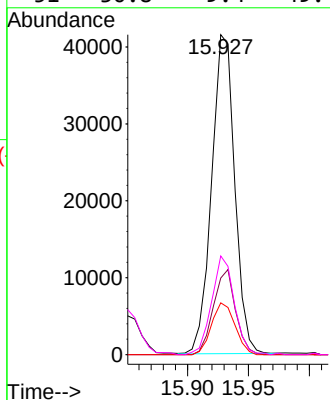
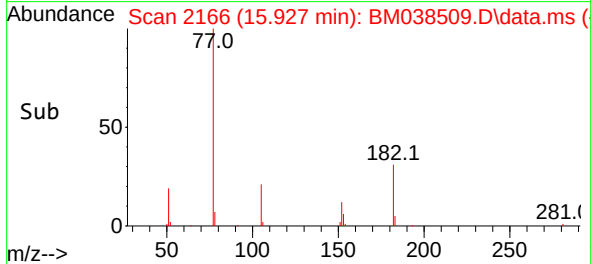
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.9	4.7	44.7
105	16.2	0.0	36.7
51	30.8	9.4	49.4

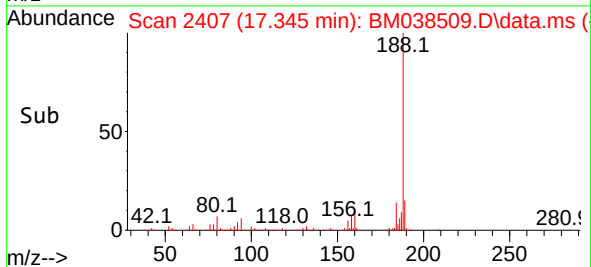
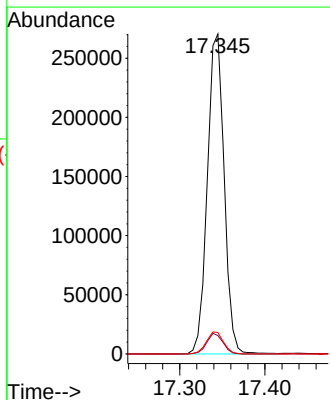
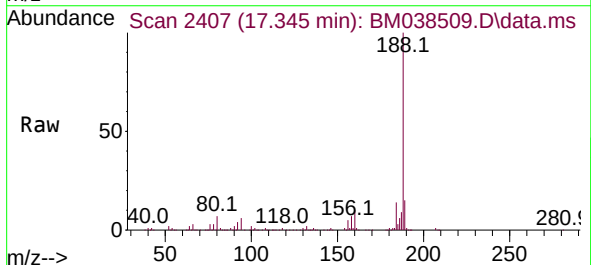
Manual Integrations
APPROVED

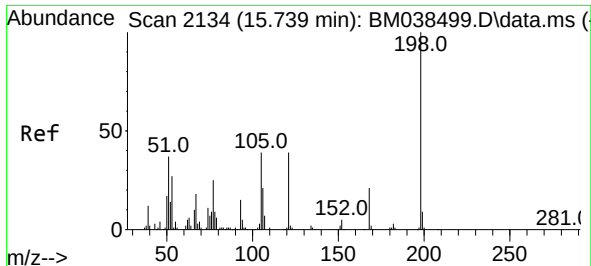
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.345 min Scan# 2407
Delta R.T. 0.000 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.8	6.0	9.0#
80	6.7	6.9	10.3#





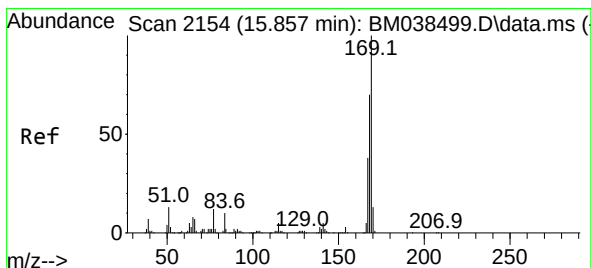
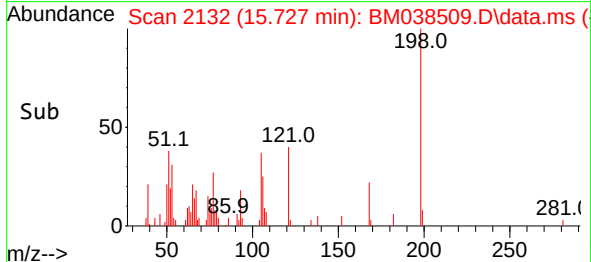
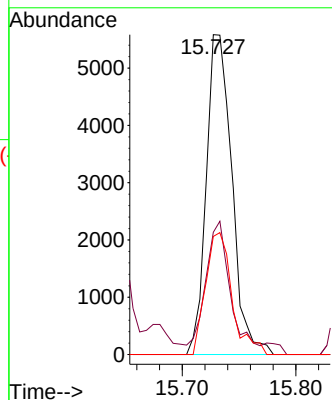
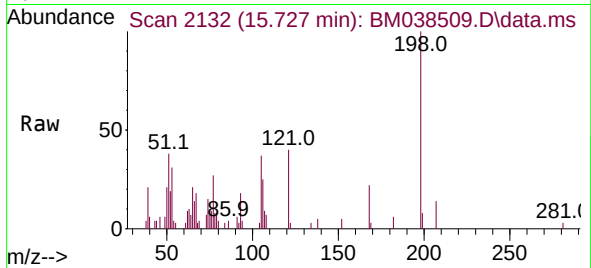
#65
4,6-Dinitro-2-methylphenol
Concen: 3.645 ng
RT: 15.727 min Scan# 2132
Delta R.T. -0.012 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

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

Tgt Ion:198 Resp: 8759
Ion Ratio Lower Upper
198 100
51 38.2 18.8 58.8
105 36.9 19.7 59.7

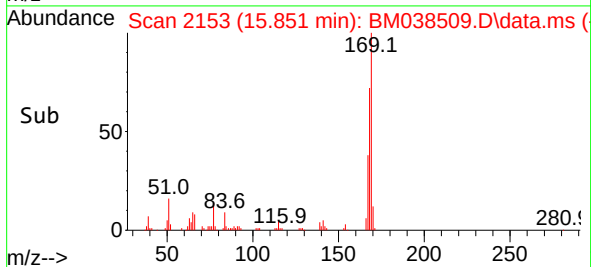
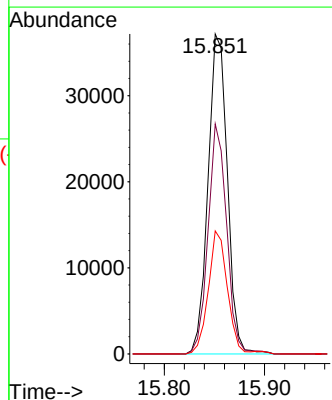
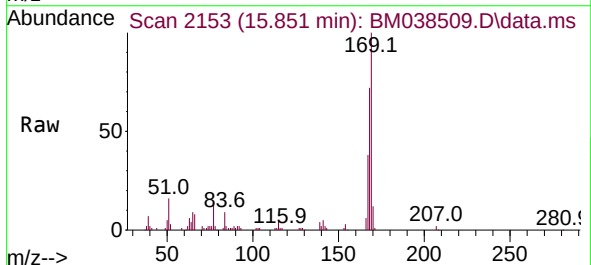
Manual Integrations
APPROVED

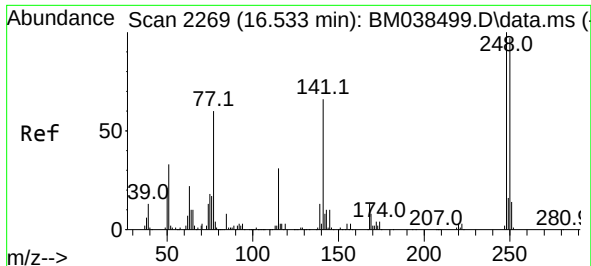
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#66
n-Nitrosodiphenylamine
Concen: 4.474 ng
RT: 15.851 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

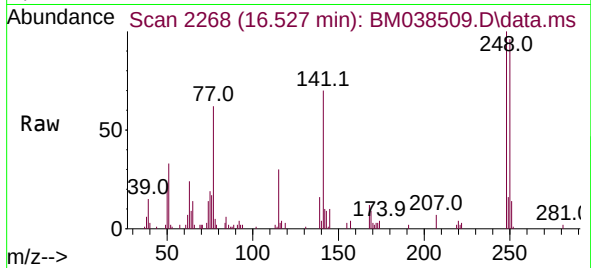
Tgt Ion:169 Resp: 49717
Ion Ratio Lower Upper
169 100
168 71.9 55.8 83.8
167 38.4 30.3 45.5





#67
4-Bromophenyl-phenylether
Concen: 4.711 ng
RT: 16.527 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

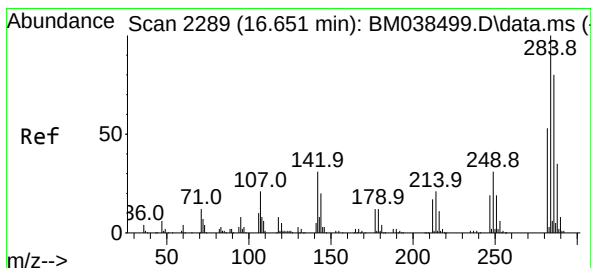
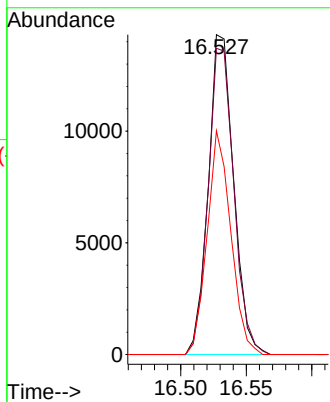
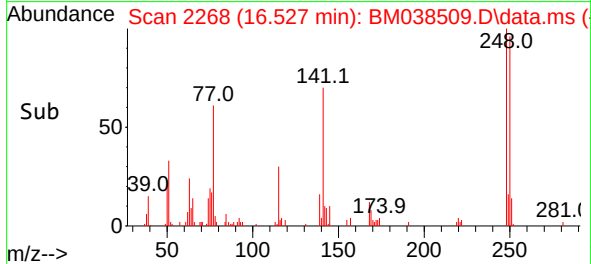
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



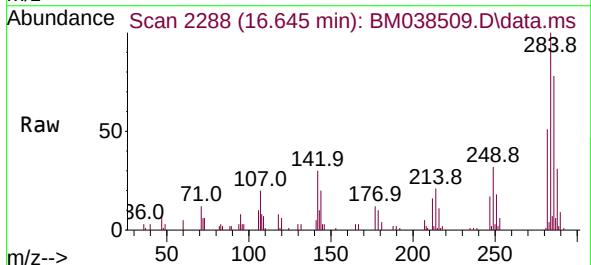
Tgt Ion:248 Resp: 19343
Ion Ratio Lower Upper
248 100
250 95.7 77.6 116.4
141 69.9 52.5 78.7

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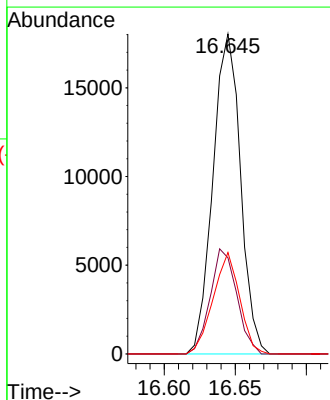
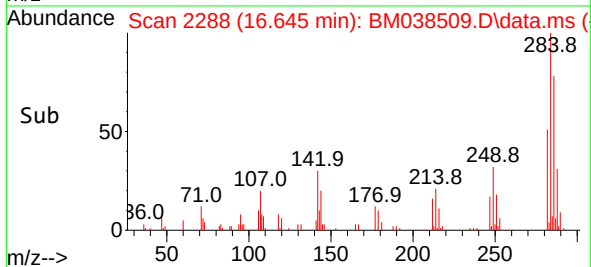
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

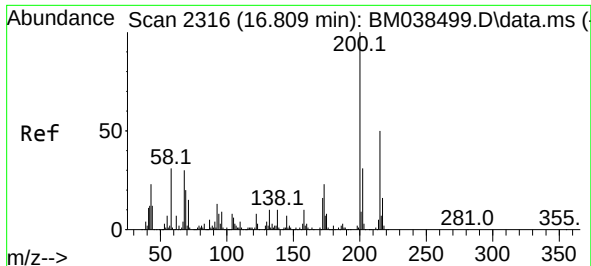


#68
Hexachlorobenzene
Concen: 5.497 ng
RT: 16.645 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36



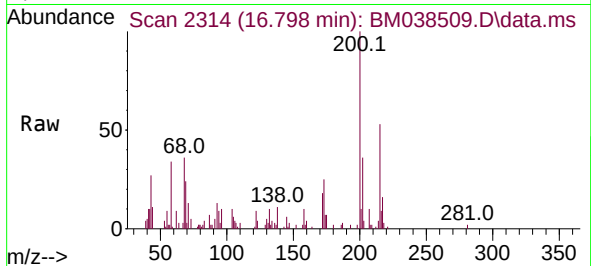
Tgt Ion:284 Resp: 24355
Ion Ratio Lower Upper
284 100
142 30.0 25.2 37.8
249 31.7 24.4 36.6





#69
 Atrazine
 Concen: 4.190 ng
 RT: 16.798 min Scan# 2314
 Delta R.T. -0.012 min
 Lab File: BM038509.D
 Acq: 23 Jan 2023 14:36

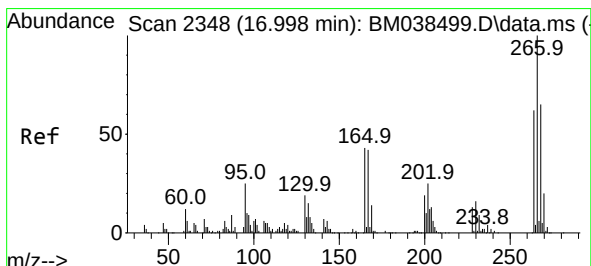
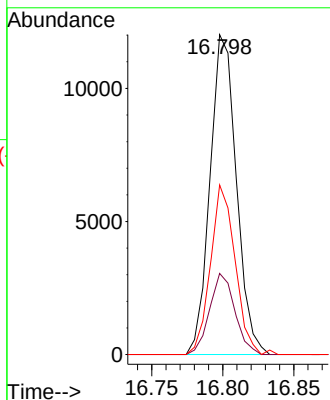
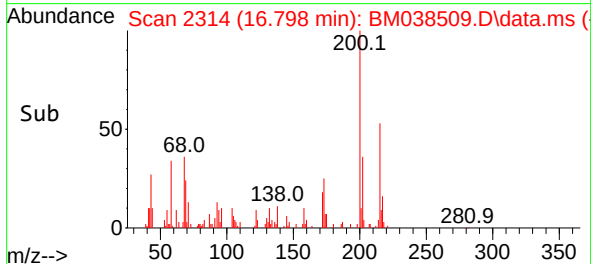
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT4-2022



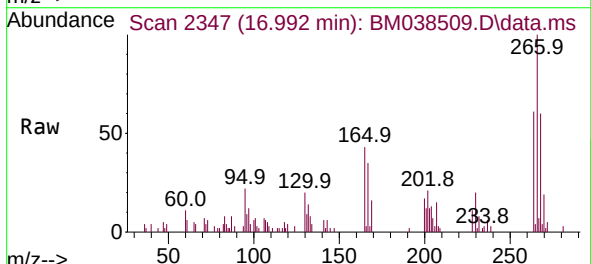
Tgt Ion:200 Resp: 15533
 Ion Ratio Lower Upper
 200 100
 173 25.4 3.5 43.5
 215 53.0 30.0 70.0

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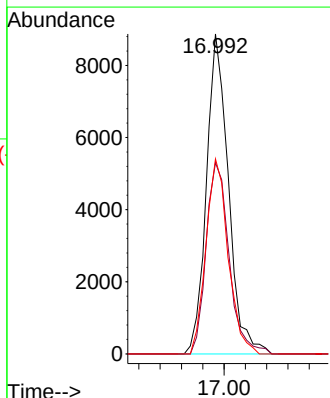
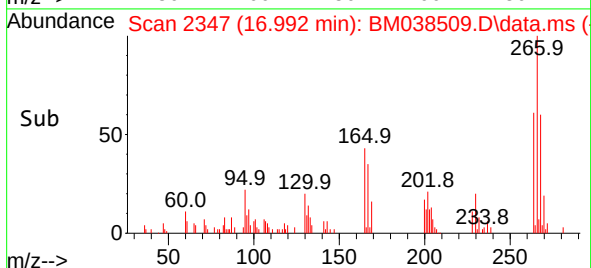
Reviewed By :Christian Giraldo 01/24/2023
 Supervised By :Jagrut Upadhyay 01/24/2023

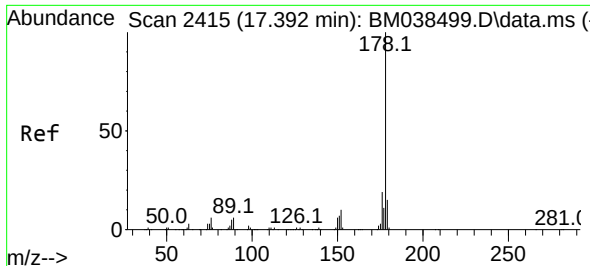


#70
 Pentachlorophenol
 Concen: 4.017 ng
 RT: 16.992 min Scan# 2347
 Delta R.T. -0.006 min
 Lab File: BM038509.D
 Acq: 23 Jan 2023 14:36



Tgt Ion:266 Resp: 12674
 Ion Ratio Lower Upper
 266 100
 268 59.7 51.7 77.5
 264 65.4 49.4 74.0





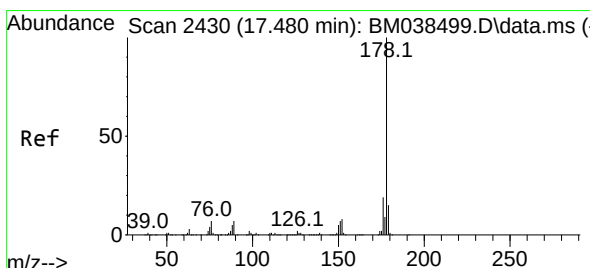
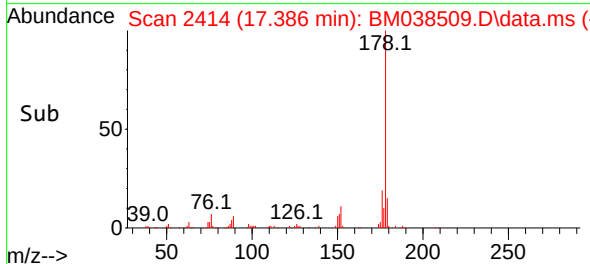
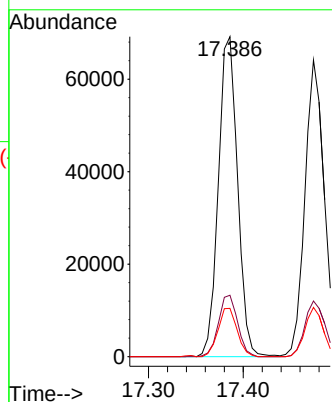
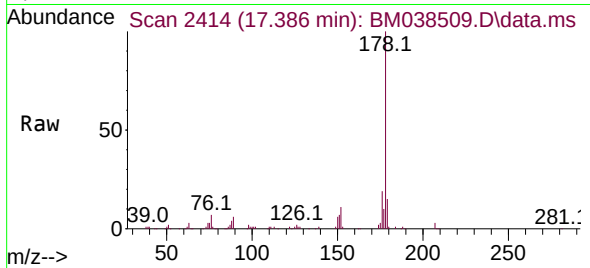
#71
Phenanthrene
Concen: 4.709 ng
RT: 17.386 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

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

Tgt Ion:178 Resp: 97343
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.1 12.2 18.4

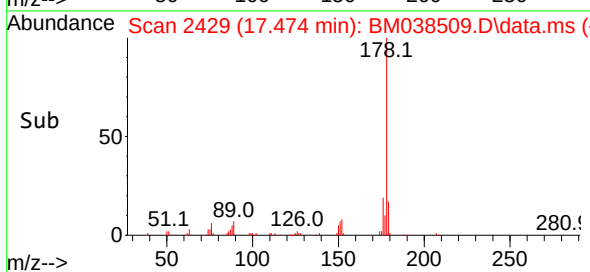
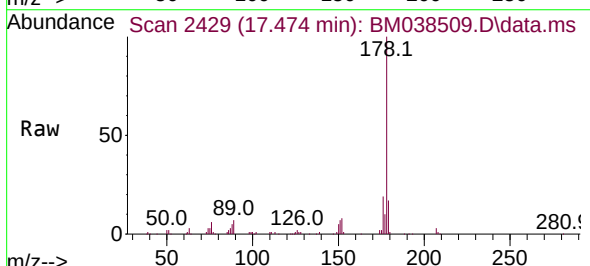
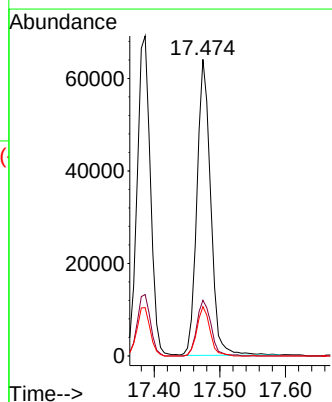
Manual Integrations
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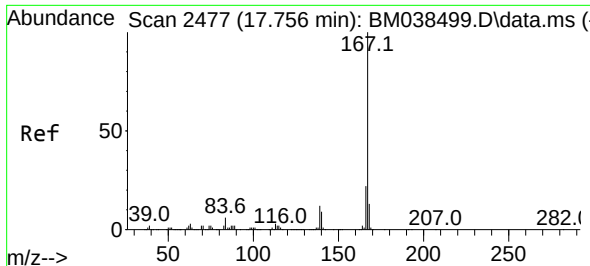
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#72
Anthracene
Concen: 4.412 ng
RT: 17.474 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

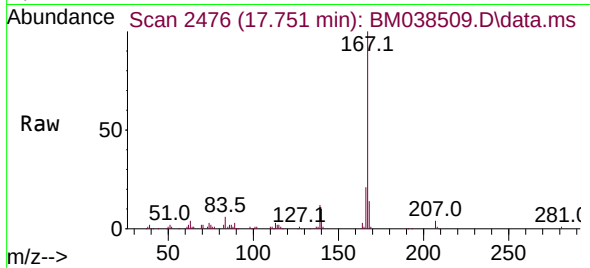
Tgt Ion:178 Resp: 92798
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 16.6 12.2 18.4





#73
 Carbazole
 Concen: 4.473 ng
 RT: 17.751 min Scan# 2477
 Delta R.T. -0.006 min
 Lab File: BM038509.D
 Acq: 23 Jan 2023 14:36

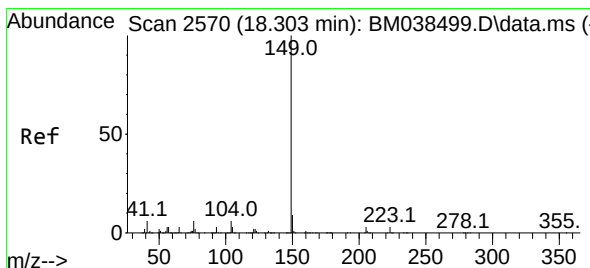
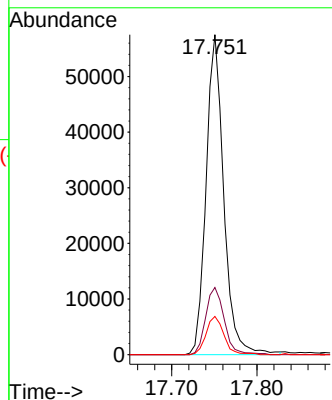
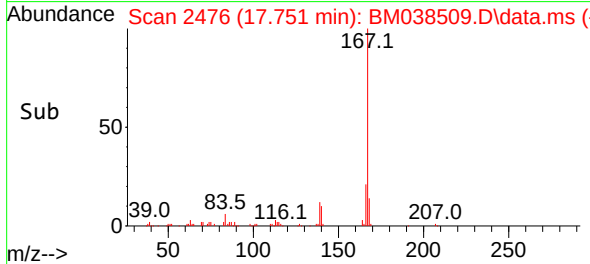
Instrument : BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT4-2022



Tgt Ion:167 Resp: 82850
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.7 26.5
 139 11.9 9.4 14.0

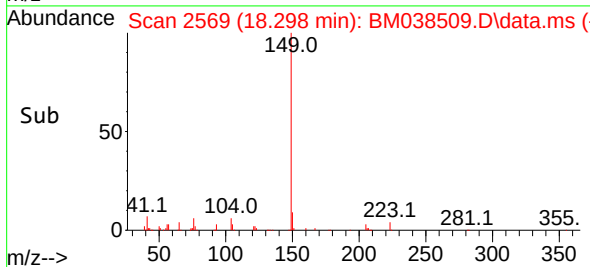
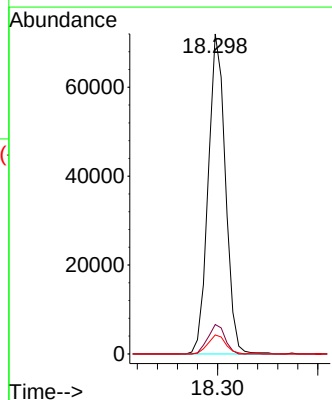
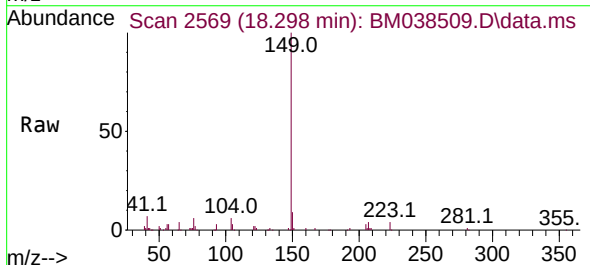
Manual Integrations
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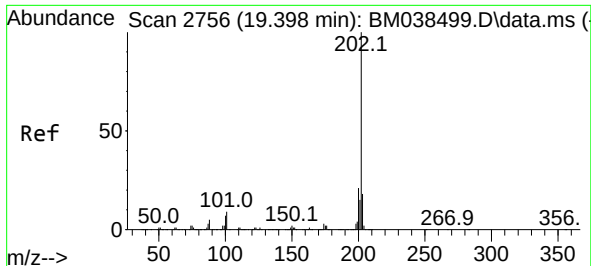
Reviewed By :Christian Giraldo 01/24/2023
 Supervised By :Jagrut Upadhyay 01/24/2023



#74
 Di-n-butylphthalate
 Concen: 4.206 ng
 RT: 18.298 min Scan# 2569
 Delta R.T. -0.006 min
 Lab File: BM038509.D
 Acq: 23 Jan 2023 14:36

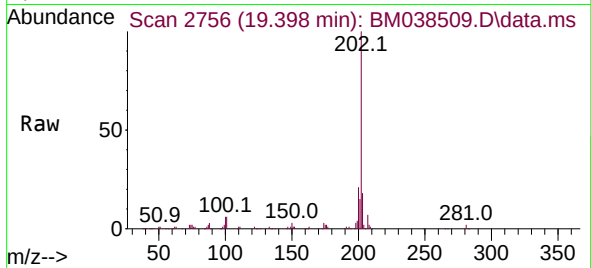
Tgt Ion:149 Resp: 85593
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.9 4.6 6.8





#75
Fluoranthene
Concen: 4.708 ng
RT: 19.398 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

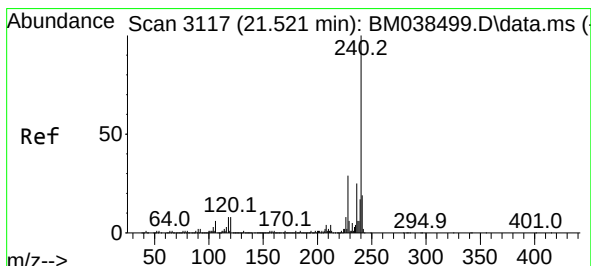
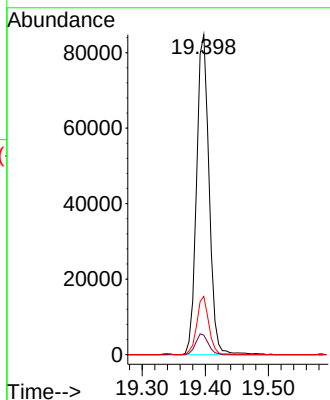
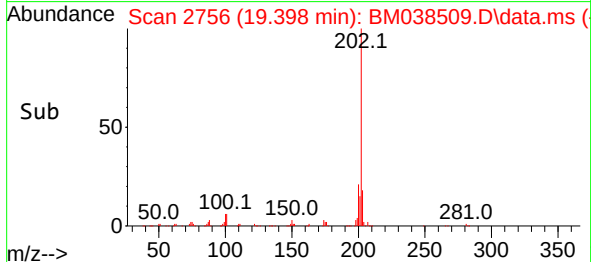
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:202 Resp: 116978
Ion Ratio Lower Upper
202 100
101 6.1 0.0 28.7
203 18.2 0.0 37.6

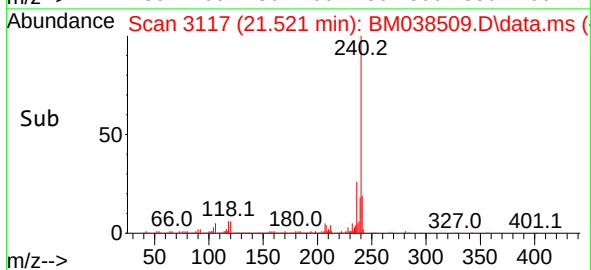
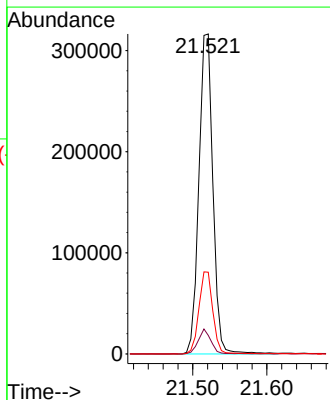
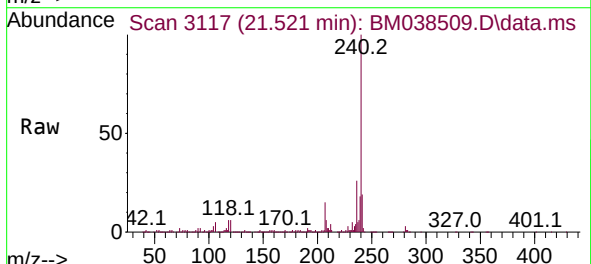
Manual Integrations
APPROVED

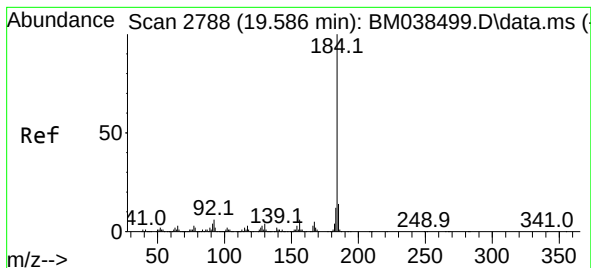
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.521 min Scan# 3117
Delta R.T. 0.000 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

Tgt Ion:240 Resp: 415554
Ion Ratio Lower Upper
240 100
120 5.8 6.2 9.2#
236 25.5 20.2 30.2





#77

Benzidine

Concen: 3.427 ng

RT: 19.586 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038509.D

Acq: 23 Jan 2023 14:36

Instrument :

BNA_M

ClientSampleId :

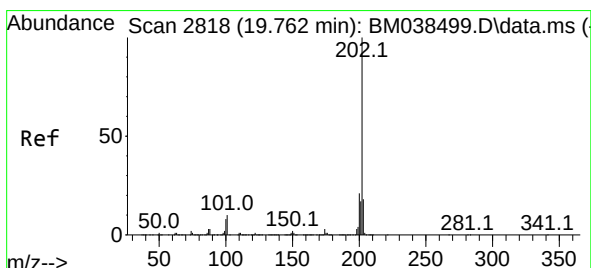
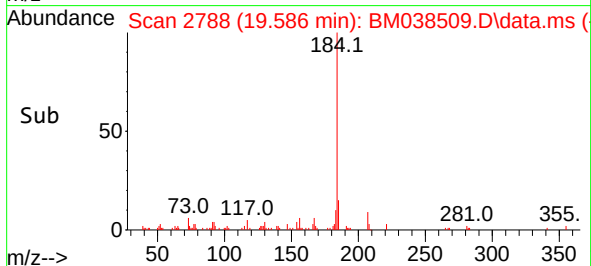
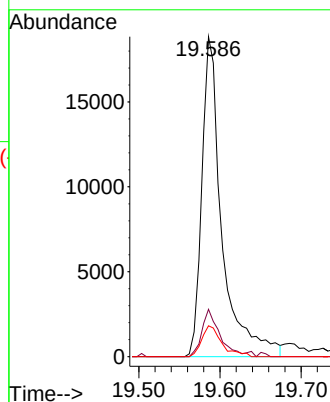
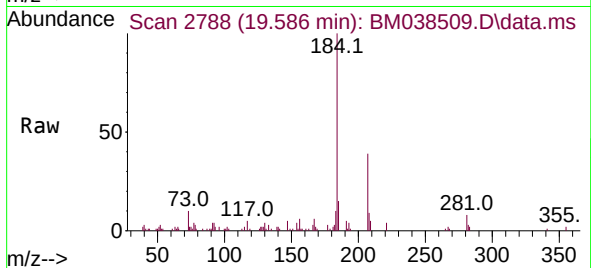
LOQ-WATER-02-QT4-2022

Tgt Ion:184	Resp:	3245
Ion Ratio	Lower	Upper
184	100	
185	14.8	10.9 16.3
183	9.6	9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#78

Pyrene

Concen: 4.464 ng

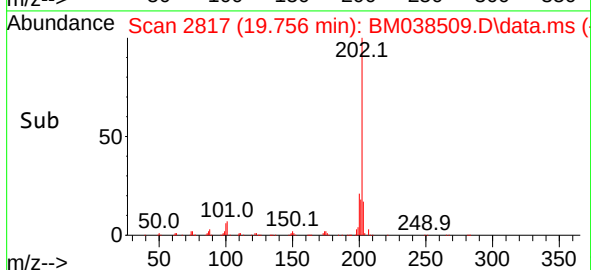
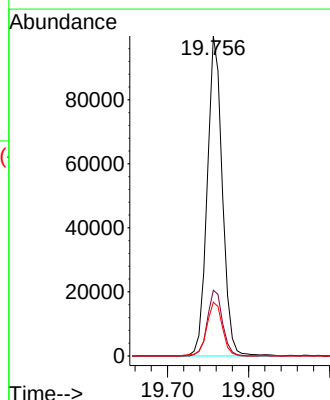
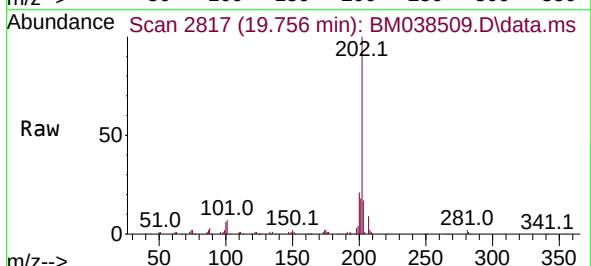
RT: 19.756 min Scan# 2817

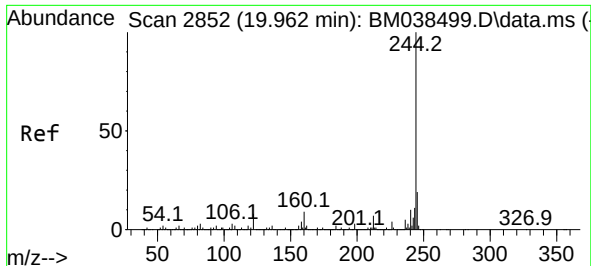
Delta R.T. -0.006 min

Lab File: BM038509.D

Acq: 23 Jan 2023 14:36

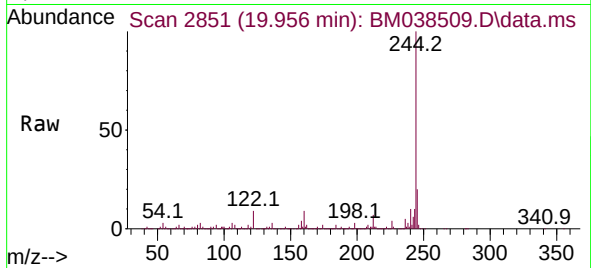
Tgt Ion:202	Resp:	129159
Ion Ratio	Lower	Upper
202	100	
200	20.5	17.0 25.4
203	16.8	14.2 21.2





#79
 Terphenyl-d14
 Concen: 70.183 ng
 RT: 19.956 min Scan# 2851
 Delta R.T. -0.006 min
 Lab File: BM038509.D
 Acq: 23 Jan 2023 14:36

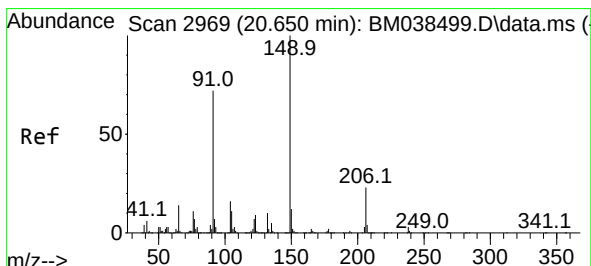
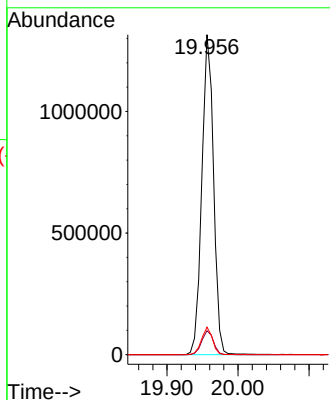
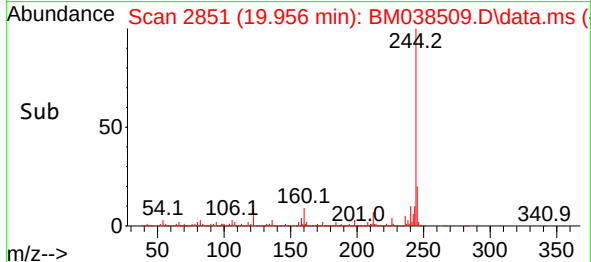
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT4-2022



Tgt Ion:244 Resp: 1496014
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 8.6 6.7 10.1

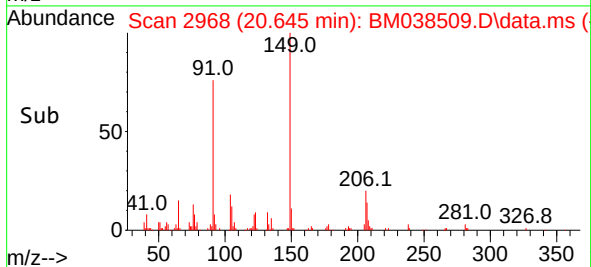
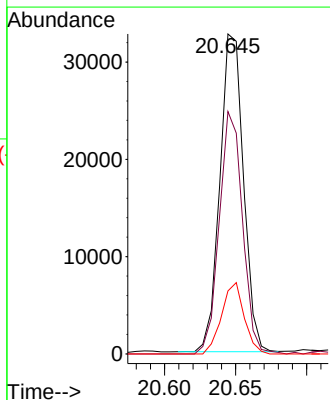
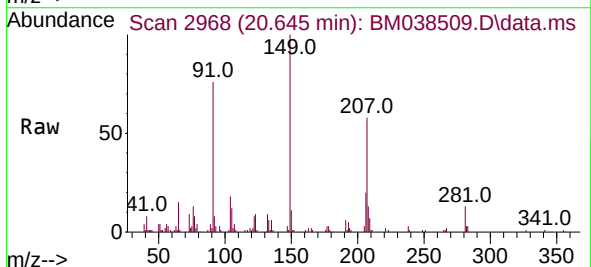
Manual Integrations
 APPROVED

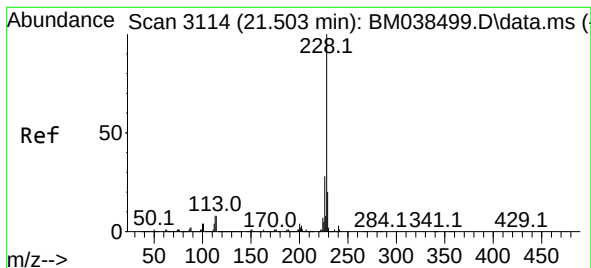
Reviewed By :Christian Giraldo 01/24/2023
 Supervised By :Jagrut Upadhyay 01/24/2023



#80
 Butylbenzylphthalate
 Concen: 3.773 ng
 RT: 20.645 min Scan# 2968
 Delta R.T. -0.006 min
 Lab File: BM038509.D
 Acq: 23 Jan 2023 14:36

Tgt Ion:149 Resp: 37754
 Ion Ratio Lower Upper
 149 100
 91 75.7 57.5 86.3
 206 19.7 18.2 27.2





#81

Benzo(a)anthracene

Concen: 4.862 ng

RT: 21.503 min Scan# 3114

Delta R.T. 0.000 min

Lab File: BM038509.D

Acq: 23 Jan 2023 14:36

Instrument :

BNA_M

ClientSampleId :

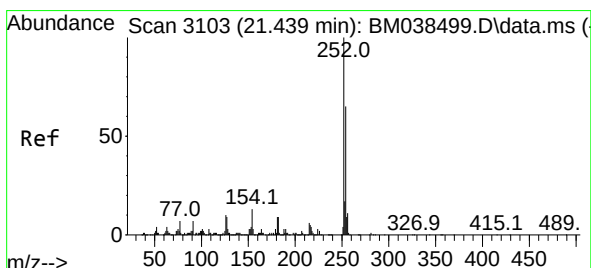
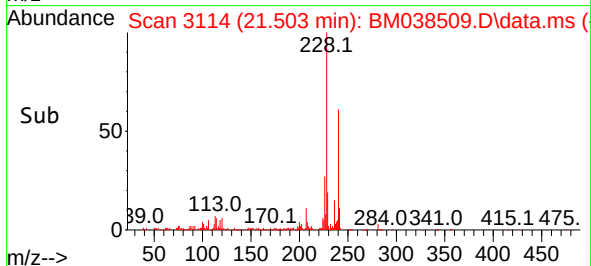
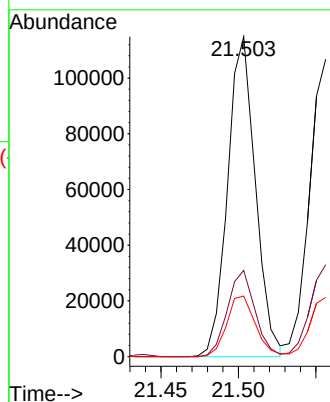
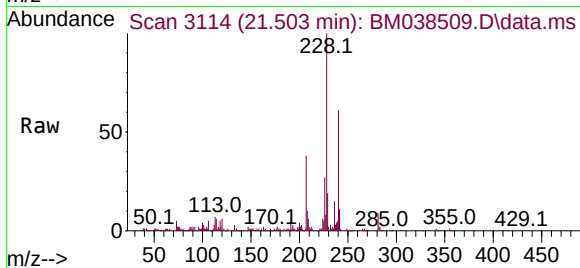
LOQ-WATER-02-QT4-2022

Tgt Ion:228 Resp: 143169
 Ion Ratio Lower Upper
 228 100
 226 26.9 22.2 33.2
 229 18.9 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: 4.565 ng

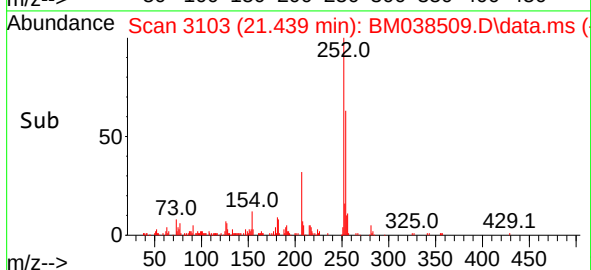
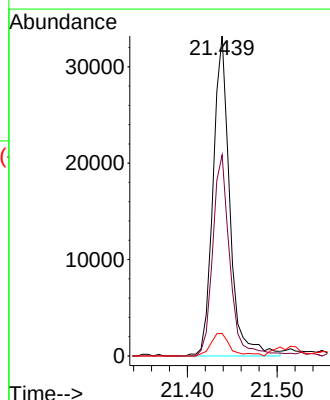
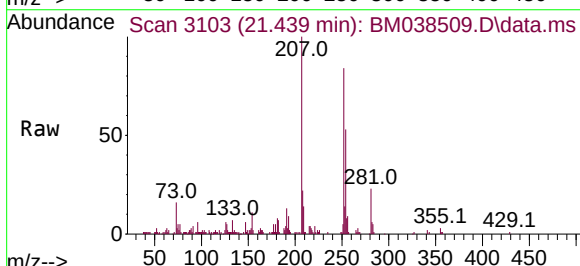
RT: 21.439 min Scan# 3103

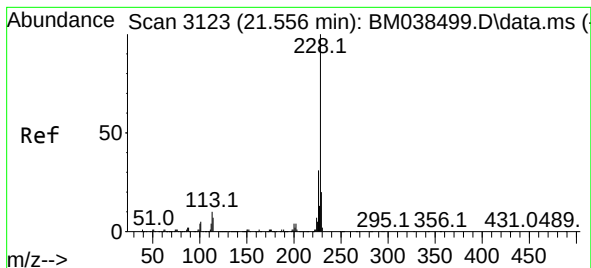
Delta R.T. 0.000 min

Lab File: BM038509.D

Acq: 23 Jan 2023 14:36

Tgt Ion:252 Resp: 43179
 Ion Ratio Lower Upper
 252 100
 254 62.8 51.9 77.9
 126 7.0 7.7 11.5





#83

Chrysene

Concen: 4.877 ng

RT: 21.556 min Scan# 3123

Delta R.T. 0.000 min

Lab File: BM038509.D

Acq: 23 Jan 2023 14:36

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion:228 Resp: 140436

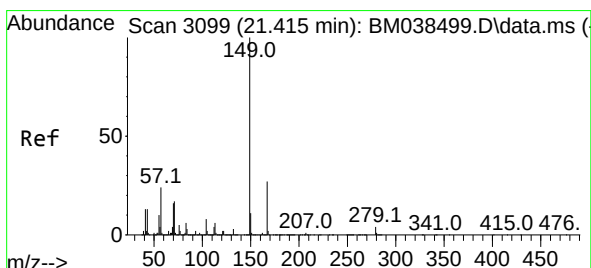
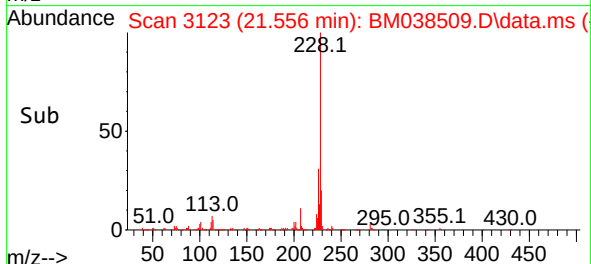
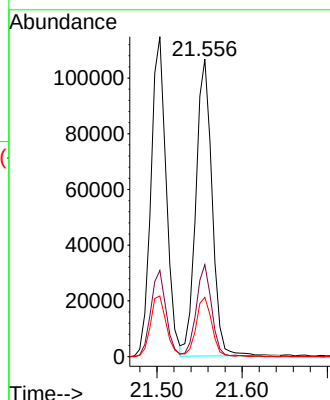
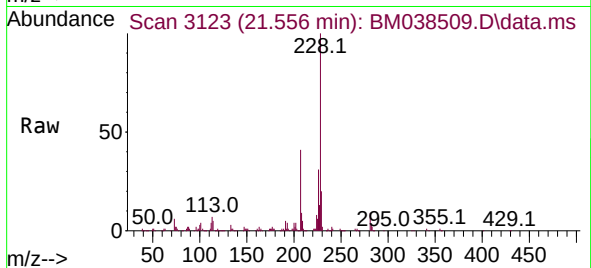
Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.4	36.6
229	20.0	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.899 ng

RT: 21.415 min Scan# 3099

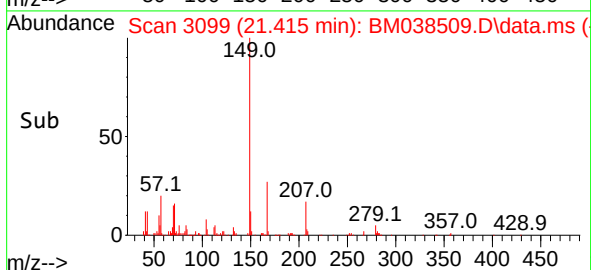
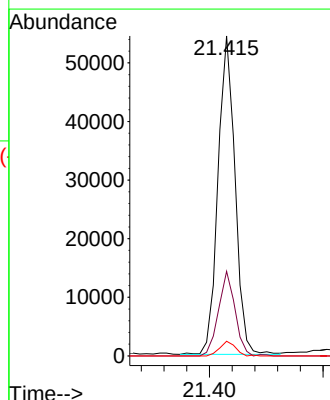
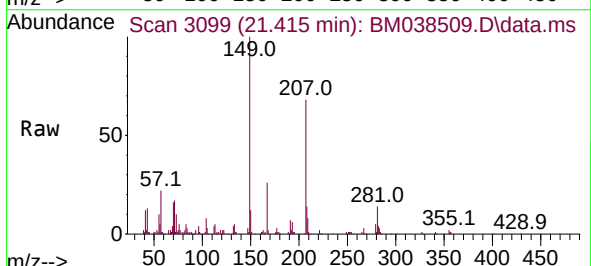
Delta R.T. 0.000 min

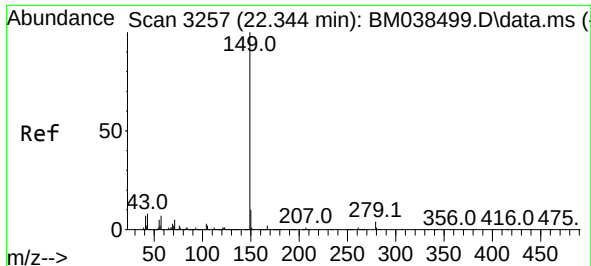
Lab File: BM038509.D

Acq: 23 Jan 2023 14:36

Tgt Ion:149 Resp: 56532

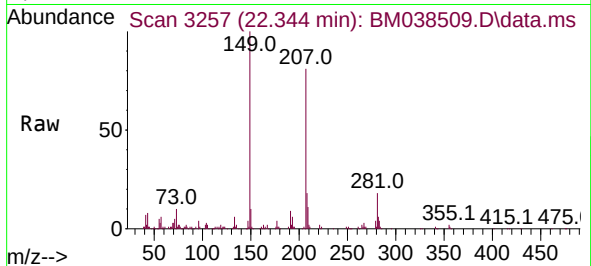
Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.3	31.9
279	4.6	3.0	4.4





#85
Di-n-octyl phthalate
Concen: 3.890 ng
RT: 22.344 min Scan# 3257
Delta R.T. 0.000 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

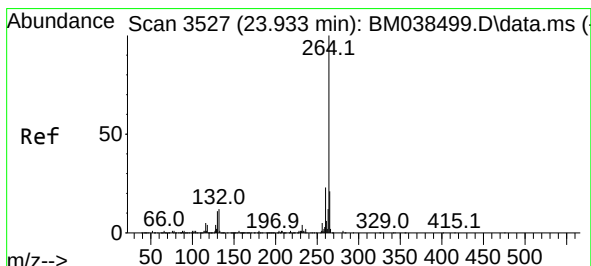
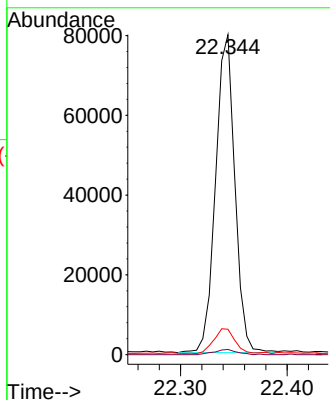
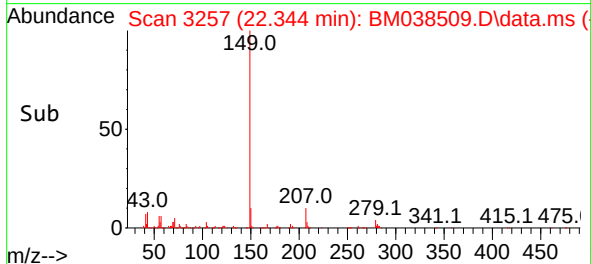
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:149 Resp: 100295
Ion Ratio Lower Upper
149 100
167 1.9 1.3 1.9
43 8.7 6.7 10.1

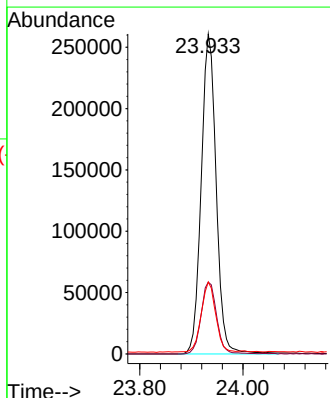
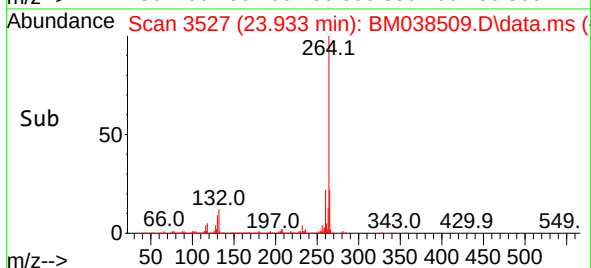
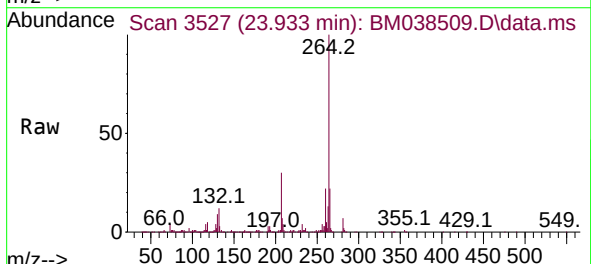
Manual Integrations
APPROVED

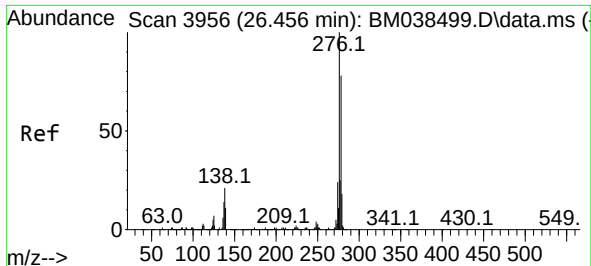
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.933 min Scan# 3527
Delta R.T. 0.000 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

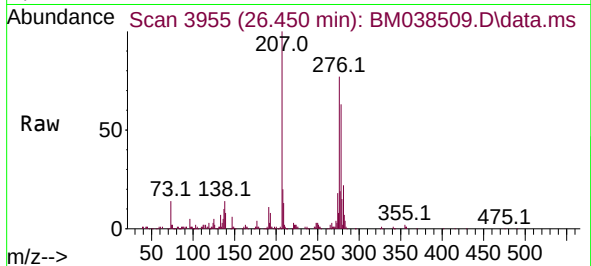
Tgt Ion:264 Resp: 523818
Ion Ratio Lower Upper
264 100
260 22.4 18.5 27.7
265 22.5 17.8 26.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 4.902 ng
RT: 26.450 min Scan# 3956
Delta R.T. -0.006 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

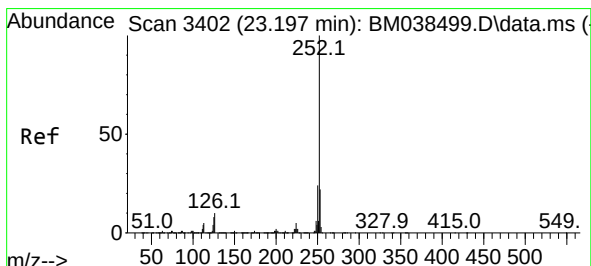
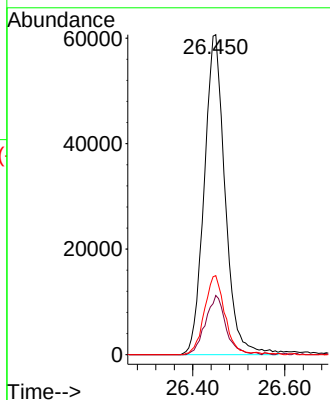
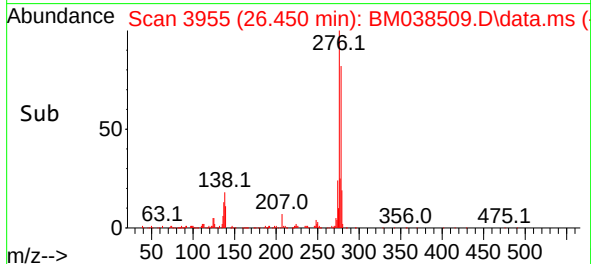
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



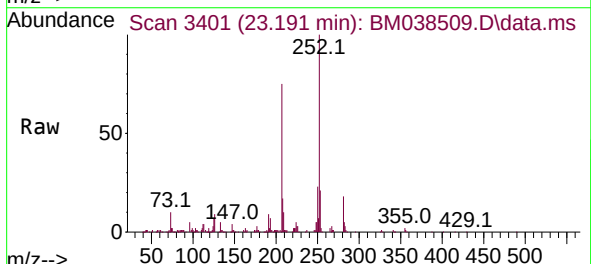
Tgt Ion:276 Resp: 189996
Ion Ratio Lower Upper
276 100
138 17.9 15.8 23.8
277 24.2 20.1 30.1

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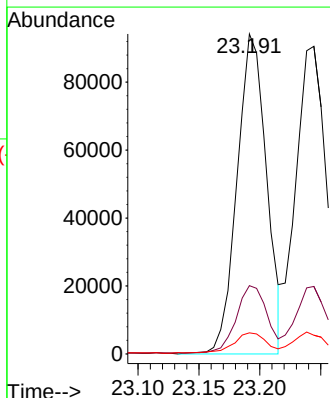
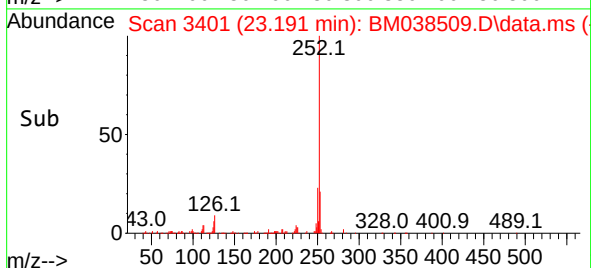
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

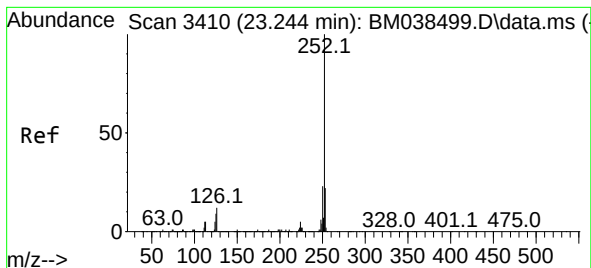


#88
Benzo(b)fluoranthene
Concen: 5.012 ng
RT: 23.191 min Scan# 3401
Delta R.T. -0.006 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36



Tgt Ion:252 Resp: 158386
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 6.6 6.4 9.6





#89

Benzo(k)fluoranthene

Concen: 5.087 ng

RT: 23.244 min Scan# 3410

Delta R.T. 0.000 min

Lab File: BM038509.D

Acq: 23 Jan 2023 14:36

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion:252 Resp: 166328

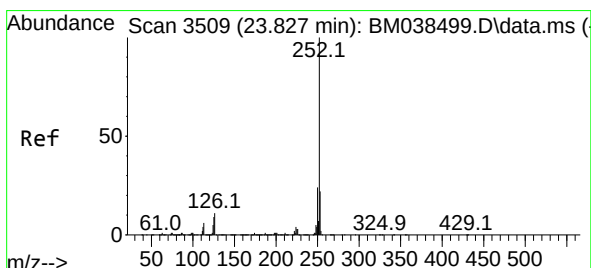
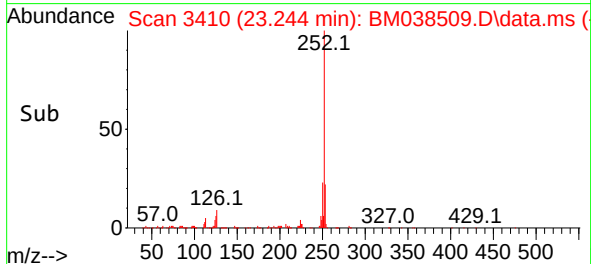
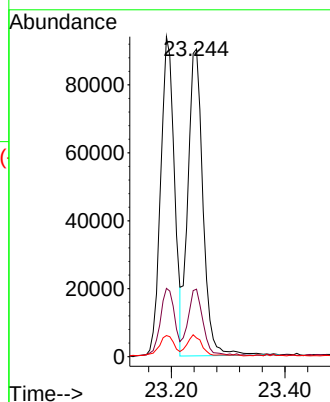
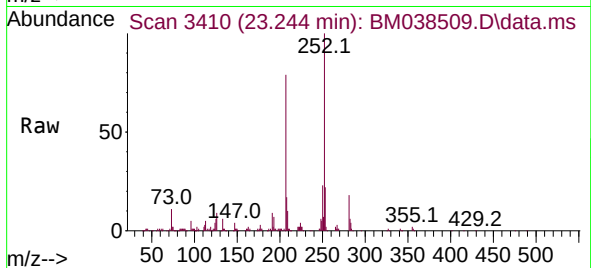
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	6.0	6.8	10.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#90

Benzo(a)pyrene

Concen: 4.551 ng

RT: 23.827 min Scan# 3509

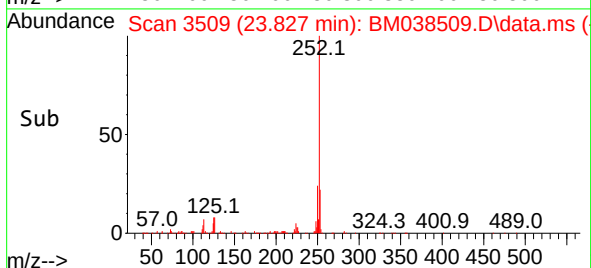
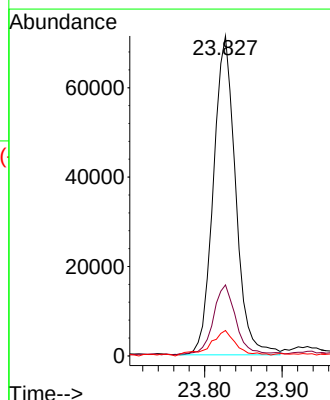
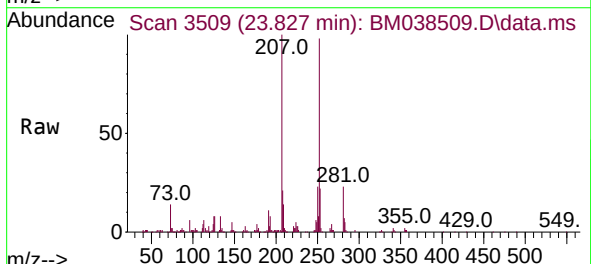
Delta R.T. 0.000 min

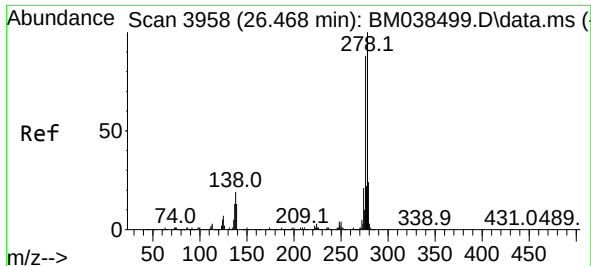
Lab File: BM038509.D

Acq: 23 Jan 2023 14:36

Tgt Ion:252 Resp: 142582

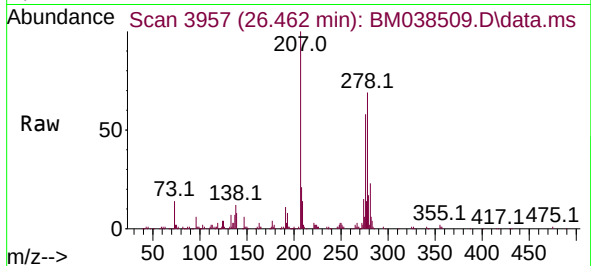
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	7.9	7.3	10.9





#91
Dibenzo(a,h)anthracene
Concen: 5.014 ng
RT: 26.462 min Scan# 3958
Delta R.T. -0.006 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36

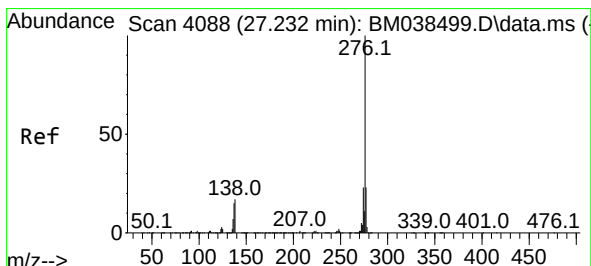
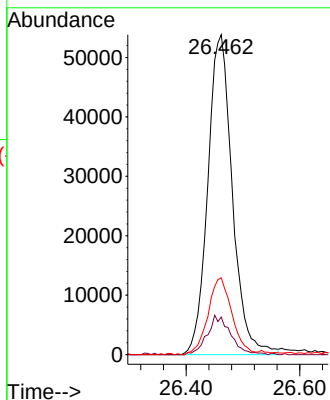
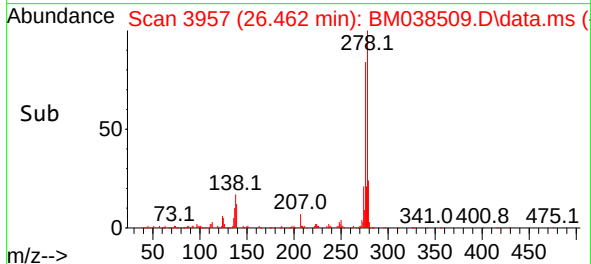
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022



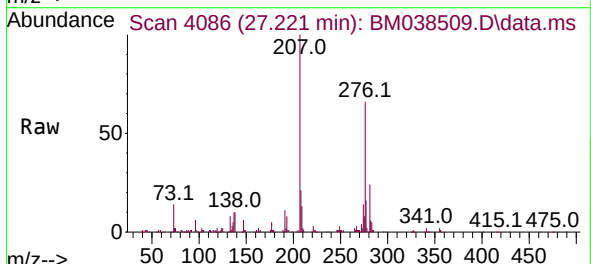
Tgt Ion:278 Resp: 161779
Ion Ratio Lower Upper
278 100
139 11.7 10.3 15.5
279 24.0 19.3 28.9

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#92
Benzo(g,h,i)perylene
Concen: 5.204 ng
RT: 27.221 min Scan# 4086
Delta R.T. -0.012 min
Lab File: BM038509.D
Acq: 23 Jan 2023 14:36



Tgt Ion:276 Resp: 171979
Ion Ratio Lower Upper
276 100
277 24.8 18.8 28.2
138 15.2 13.8 20.8

