

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012323\
 Data File : BM038516.D
 Acq On : 23 Jan 2023 19:40
 Operator : CG/JU
 Sample : N4955-07
 Misc : LOD-MDL-WATER 8ppm
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

Quant Time: Jan 24 05:16:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 21 01:21:49 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	53963	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	178475	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	114320	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	269052	20.000	ng	0.00
76) Chrysene-d12	21.515	240	296895	20.000	ng	0.00
86) Perylene-d12	23.933	264	375160	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	390017	119.480	ng	0.00
7) Phenol-d6	7.128	99	491308	117.965	ng	0.00
23) Nitrobenzene-d5	9.140	82	318662	77.534	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	226202	137.405	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	721240	77.715	ng	0.00
79) Terphenyl-d14	19.957	244	1190035	78.142	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.375	88	11902	7.774	ng	97
3) Pyridine	3.805	79	25178	6.261	ng	98
4) n-Nitrosodimethylamine	3.705	42	14325	7.504	ng	# 85
6) Aniline	7.299	93	37808	7.313	ng	92
8) 2-Chlorophenol	7.528	128	26775	8.029	ng	94
9) Benzaldehyde	7.110	77	26980m	10.921	ng	
10) Phenol	7.157	94	33642	8.084	ng	92
11) bis(2-Chloroethyl)ether	7.393	93	25634	7.807	ng	98
12) 1,3-Dichlorobenzene	7.851	146	30674	8.091	ng	97
13) 1,4-Dichlorobenzene	8.004	146	30638	7.998	ng	97
14) 1,2-Dichlorobenzene	8.322	146	30596	8.246	ng	98
15) Benzyl Alcohol	8.216	79	23190	7.447	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.504	45	28410	8.239	ng	98
17) 2-Methylphenol	8.416	107	20021	6.797	ng	94
18) Hexachloroethane	9.045	117	11969	8.405	ng	94
19) n-Nitroso-di-n-propyla...	8.775	70	21063	7.265	ng	96
20) 3+4-Methylphenols	8.745	107	26776	6.783	ng	95
22) Acetophenone	8.798	105	40593	8.256	ng	# 94
24) Nitrobenzene	9.181	77	35639	8.570	ng	93
25) Isophorone	9.704	82	52833	7.790	ng	99
26) 2-Nitrophenol	9.892	139	11437	6.929	ng	95
27) 2,4-Dimethylphenol	9.951	122	18762	6.830	ng	90
28) bis(2-Chloroethoxy)met...	10.187	93	31821	8.020	ng	99
29) 2,4-Dichlorophenol	10.428	162	23854	7.401	ng	98
30) 1,2,4-Trichlorobenzene	10.639	180	30073	8.159	ng	99
31) Naphthalene	10.828	128	73471	7.578	ng	98
32) Benzoic acid	10.034	122	10122m	9.747	ng	
33) 4-Chloroaniline	10.945	127	28774	7.110	ng	95
34) Hexachlorobutadiene	11.098	225	20583	8.490	ng	97
35) Caprolactam	11.728	113	4925	6.303	ng	# 87
36) 4-Chloro-3-methylphenol	12.063	107	22053	7.525	ng	97
37) 2-Methylnaphthalene	12.433	142	50346	7.225	ng	97
38) 1-Methylnaphthalene	12.651	142	48417m	7.368	ng	
40) 1,2,4,5-Tetrachloroben...	12.798	216	35322	8.214	ng	98
41) Hexachlorocyclopentadiene	12.769	237	18212	7.705	ng	98
43) 2,4,6-Trichlorophenol	13.039	196	20615	7.489	ng	96

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 LOD-MDL-WATER-01-QT4-2022

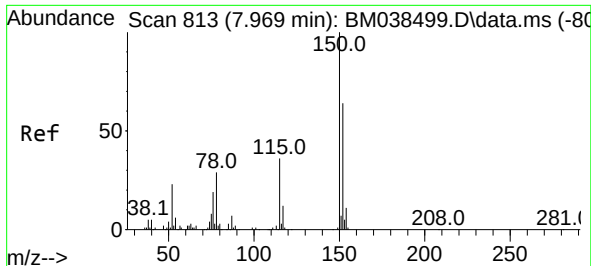
Quant Time: Jan 24 05:16:42 2023
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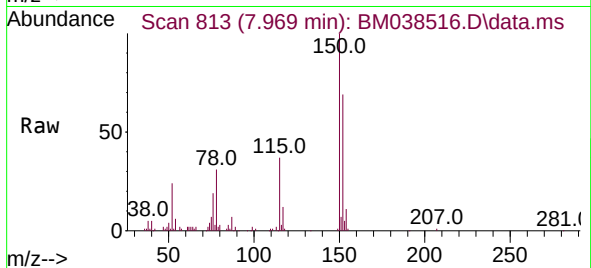
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	22383	6.942	ng	88
46) 1,1'-Biphenyl	13.439	154	71674	7.829	ng	97
47) 2-Chloronaphthalene	13.480	162	56112	7.851	ng	99
48) 2-Nitroaniline	13.698	65	14243	6.786	ng	91
49) Acenaphthylene	14.327	152	80264	7.178	ng	98
50) Dimethylphthalate	14.057	163	66480	7.554	ng	99
51) 2,6-Dinitrotoluene	14.186	165	12337	6.662	ng	95
52) Acenaphthene	14.663	154	50399	7.390	ng	94
53) 3-Nitroaniline	14.516	138	11310m	6.145	ng	
54) 2,4-Dinitrophenol	14.727	184	7095	9.463	ng	99
55) Dibenzofuran	14.998	168	87661	7.689	ng	99
56) 4-Nitrophenol	14.822	139	7830	5.166	ng	90
57) 2,4-Dinitrotoluene	14.975	165	17180	6.843	ng	# 89
58) Fluorene	15.645	166	67913	7.346	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.227	232	19139	7.262	ng	98
60) Diethylphthalate	15.416	149	62971	7.307	ng	98
61) 4-Chlorophenyl-phenyle...	15.639	204	37695	7.766	ng	96
62) 4-Nitroaniline	15.674	138	11172	8.296	ng	87
63) Azobenzene	15.927	77	66424	7.275	ng	98
65) 4,6-Dinitro-2-methylph...	15.733	198	10521	6.024	ng	94
66) n-Nitrosodiphenylamine	15.851	169	58048	7.187	ng	99
67) 4-Bromophenyl-phenylether	16.533	248	22271	7.463	ng	96
68) Hexachlorobenzene	16.645	284	27460	8.527	ng	97
69) Atrazine	16.804	200	20560	7.630	ng	96
70) Pentachlorophenol	16.992	266	14105	6.151	ng	94
71) Phenanthrene	17.386	178	113171	7.532	ng	100
72) Anthracene	17.474	178	109518	7.163	ng	99
73) Carbazole	17.751	167	97124	7.214	ng	98
74) Di-n-butylphthalate	18.298	149	96662	6.535	ng	100
75) Fluoranthene	19.398	202	133882	7.414	ng	98
77) Benzidine	19.586	184	57326	8.473	ng	98
78) Pyrene	19.757	202	143203	6.927	ng	97
80) Butylbenzylphthalate	20.645	149	45289	6.335	ng	94
81) Benzo(a)anthracene	21.498	228	162443	7.722	ng	99
82) 3,3'-Dichlorobenzidine	21.433	252	58938	8.722	ng	# 99
83) Chrysene	21.551	228	160722	7.812	ng	99
84) Bis(2-ethylhexyl)phtha...	21.409	149	61569	5.943	ng	97
85) Di-n-octyl phthalate	22.339	149	110713	6.010	ng	99
87) Indeno(1,2,3-cd)pyrene	26.438	276	205458	7.401	ng	98
88) Benzo(b)fluoranthene	23.192	252	175027m	7.734	ng	
89) Benzo(k)fluoranthene	23.239	252	177140	7.564	ng	# 98
90) Benzo(a)pyrene	23.821	252	154867	6.902	ng	97
91) Dibenzo(a,h)anthracene	26.450	278	177370	7.676	ng	97
92) Benzo(g,h,i)perylene	27.215	276	185366	7.831	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 813
Delta R.T. 0.000 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

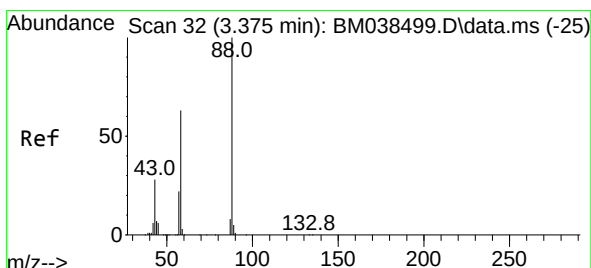
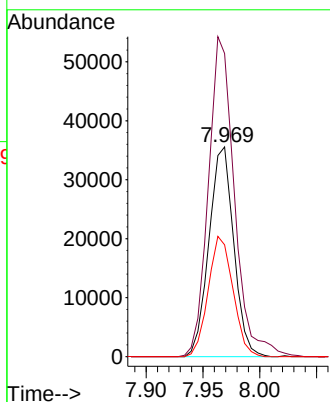
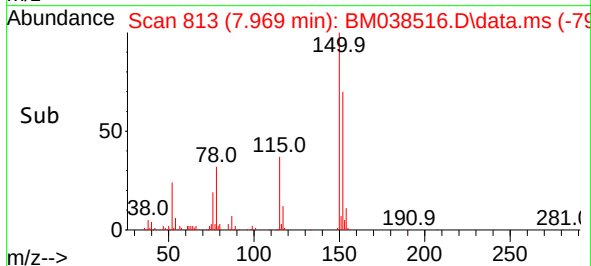
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:152 Resp: 53963
Ion Ratio Lower Upper
152 100
150 144.5 124.2 186.4
115 53.3 44.8 67.2

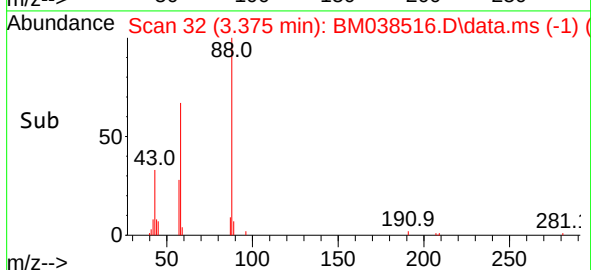
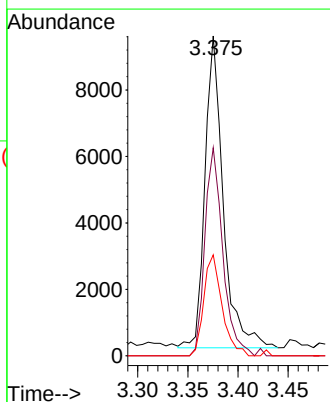
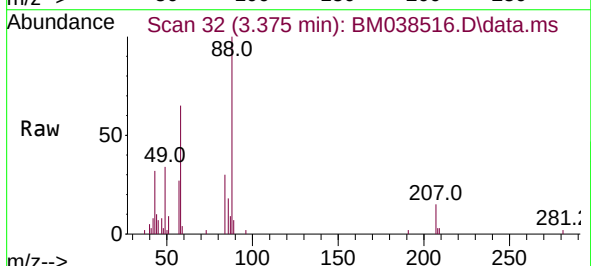
Manual Integrations
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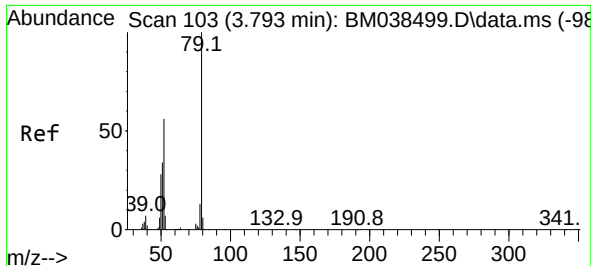
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#2
1,4-Dioxane
Concen: 7.774 ng
RT: 3.375 min Scan# 32
Delta R.T. 0.000 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

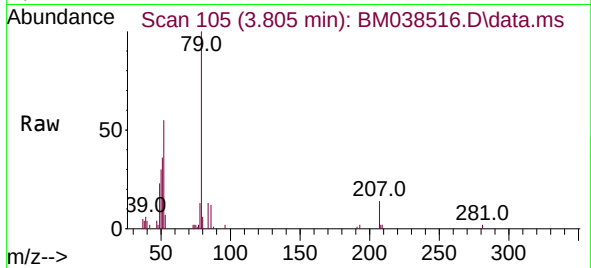
Tgt Ion: 88 Resp: 11902
Ion Ratio Lower Upper
88 100
58 65.2 50.5 75.7
43 32.3 23.9 35.9





#3
Pyridine
Concen: 6.261 ng
RT: 3.805 min Scan# 103
Delta R.T. 0.012 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

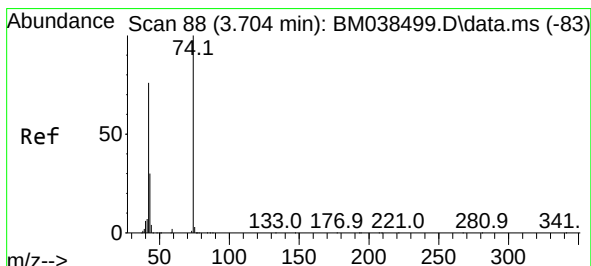
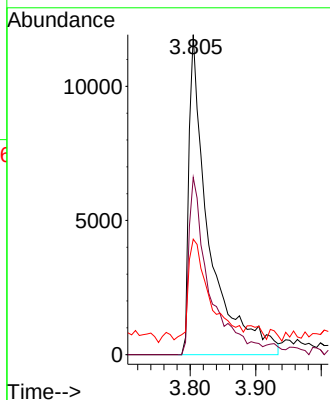
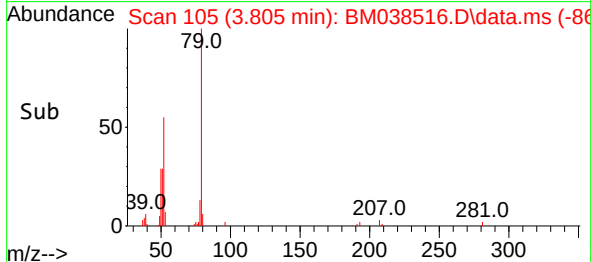
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 79 Resp: 25178
Ion Ratio Lower Upper
79 100
52 55.4 45.0 67.4
51 36.1 27.1 40.7

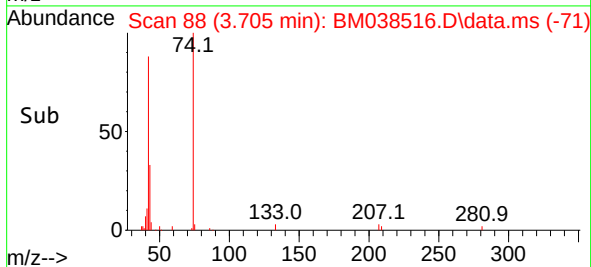
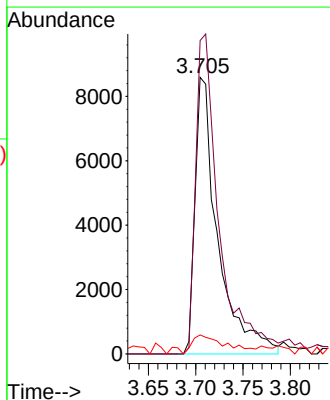
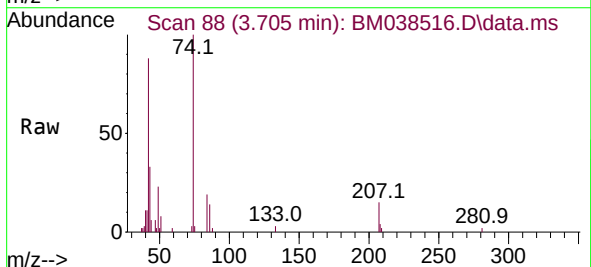
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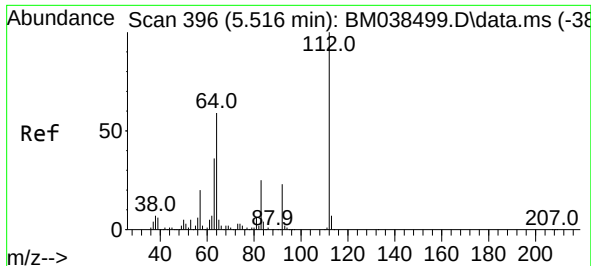
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#4
n-Nitrosodimethylamine
Concen: 7.504 ng
RT: 3.705 min Scan# 88
Delta R.T. 0.000 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Tgt Ion: 42 Resp: 14325
Ion Ratio Lower Upper
42 100
74 113.3 105.0 157.4
44 6.9 4.1 6.1#





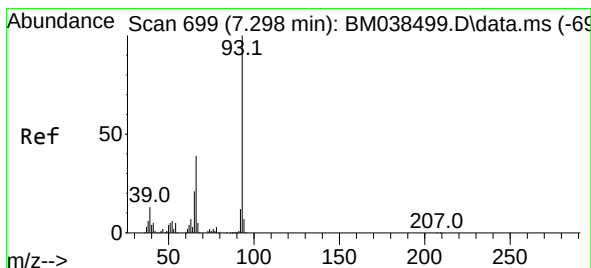
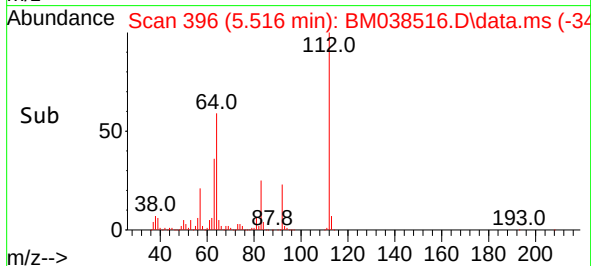
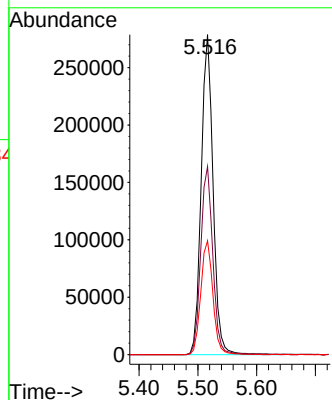
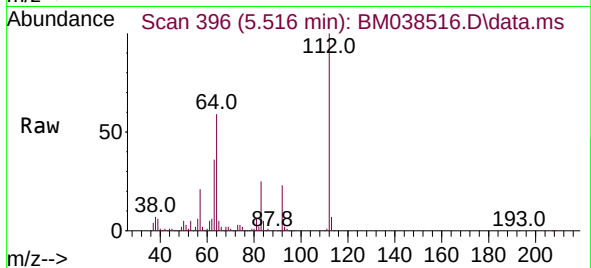
#5
2-Fluorophenol
Concen: 119.480 ng
RT: 5.516 min Scan# 396
Delta R.T. 0.000 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 112 Resp: 390017
Ion Ratio Lower Upper
112 100
64 58.8 47.3 70.9
63 35.6 28.8 43.2

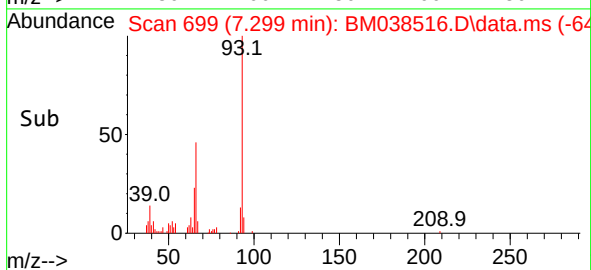
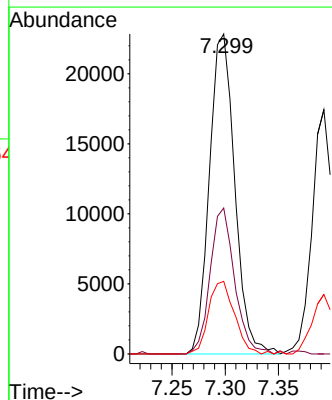
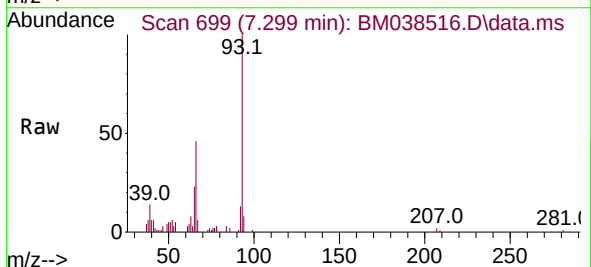
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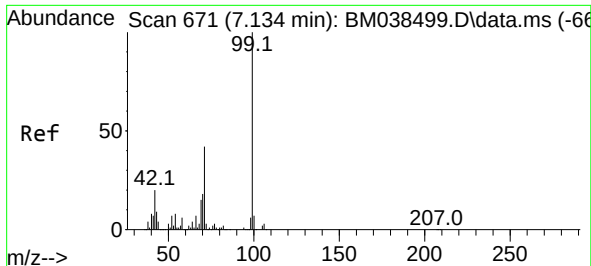
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#6
Aniline
Concen: 7.313 ng
RT: 7.299 min Scan# 699
Delta R.T. 0.000 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

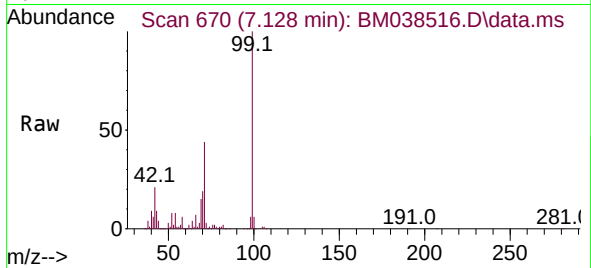
Tgt Ion: 93 Resp: 37808
Ion Ratio Lower Upper
93 100
66 45.6 31.6 47.4
65 22.7 16.6 24.8





#7
Phenol-d6
Concen: 117.965 ng
RT: 7.128 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

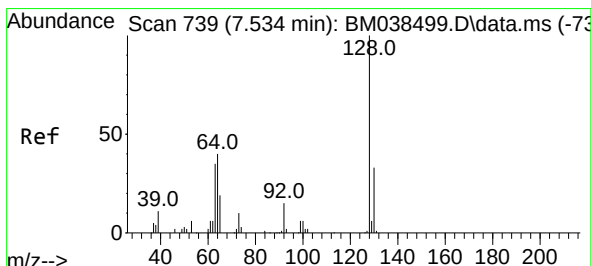
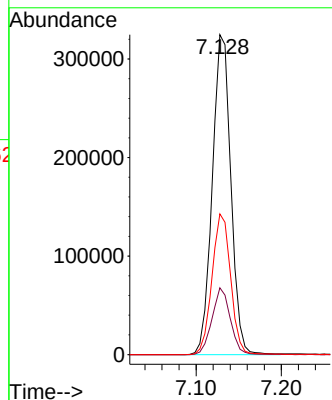
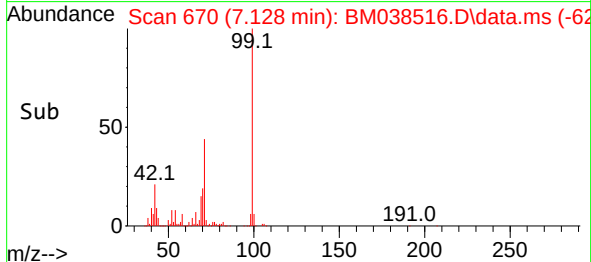
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion: 99 Resp: 491308
Ion Ratio Lower Upper
99 100
42 20.9 16.0 24.0
71 44.0 33.8 50.6

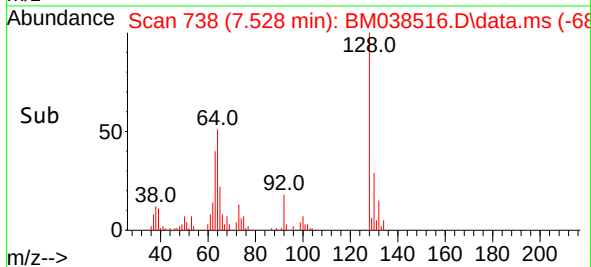
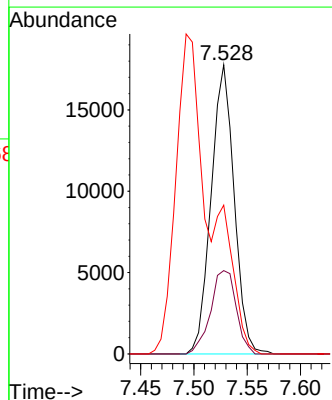
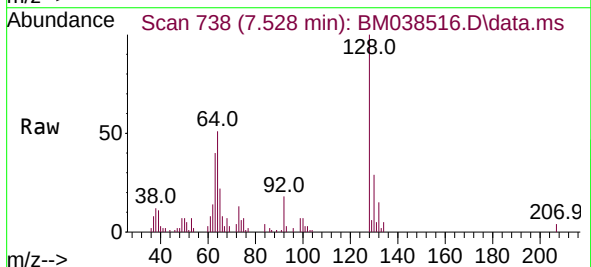
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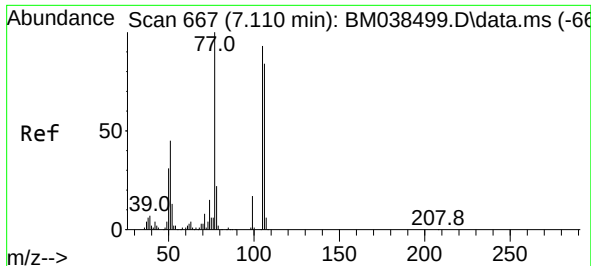
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#8
2-Chlorophenol
Concen: 8.029 ng
RT: 7.528 min Scan# 738
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

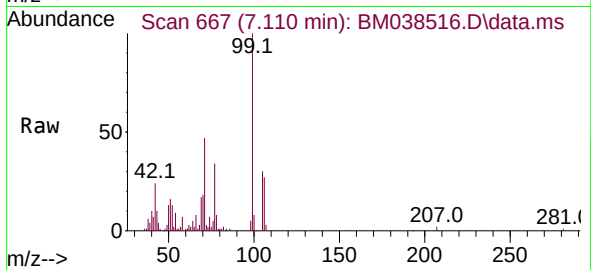
Tgt Ion:128 Resp: 26775
Ion Ratio Lower Upper
128 100
130 28.8 13.2 53.2
64 51.5 27.7 67.7





#9
Benzaldehyde
Concen: 10.921 ng m
RT: 7.110 min Scan# 667
Delta R.T. 0.000 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

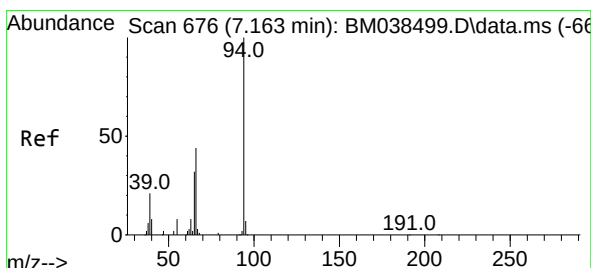
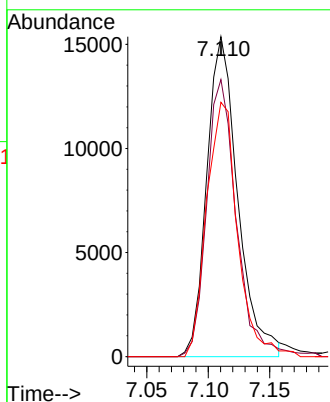
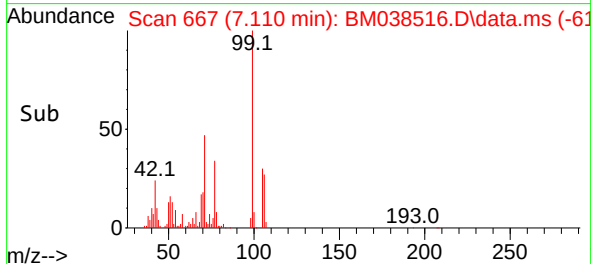
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BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



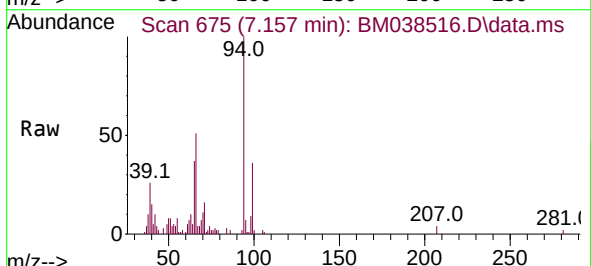
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Ion Ratio Lower Upper
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106 79.5 63.8 103.8

Manual Integrations
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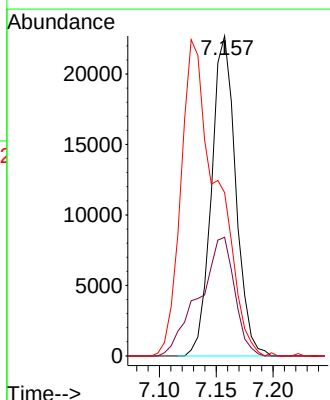
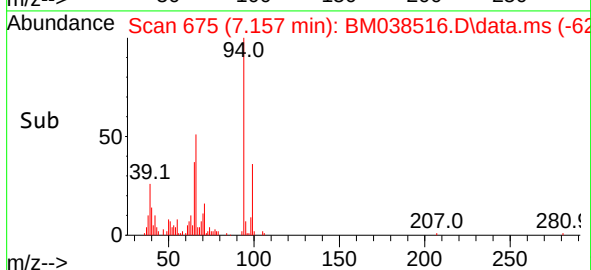
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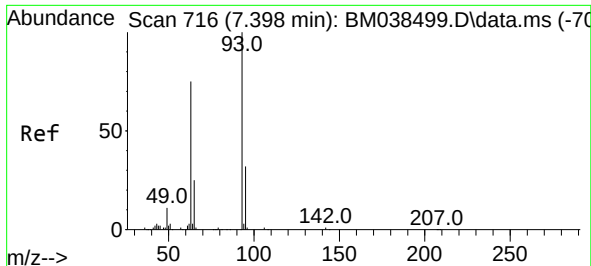


#10
Phenol
Concen: 8.084 ng
RT: 7.157 min Scan# 675
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40



Tgt Ion: 94 Resp: 33642
Ion Ratio Lower Upper
94 100
65 37.1 12.7 52.7
66 51.0 26.0 66.0





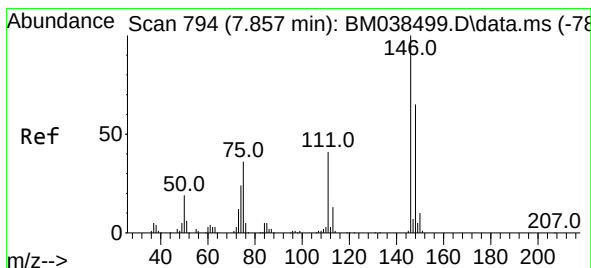
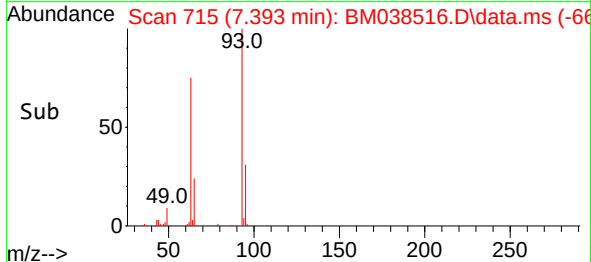
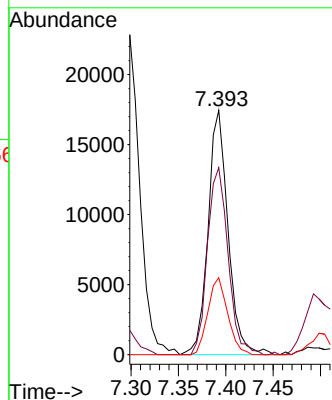
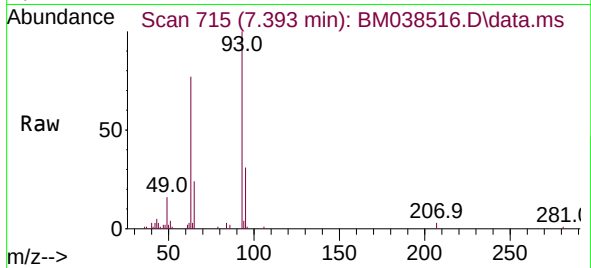
#11
bis(2-Chloroethyl)ether
Concen: 7.807 ng
RT: 7.393 min Scan# 716
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 93 Resp: 25634
Ion Ratio Lower Upper
93 100
63 76.6 54.4 94.4
95 31.4 11.4 51.4

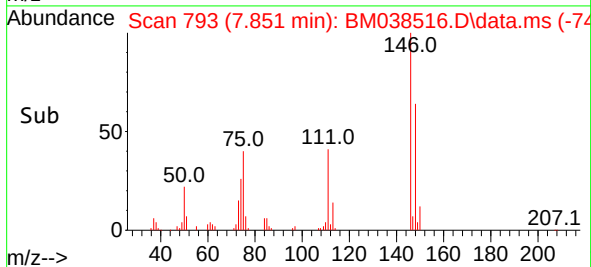
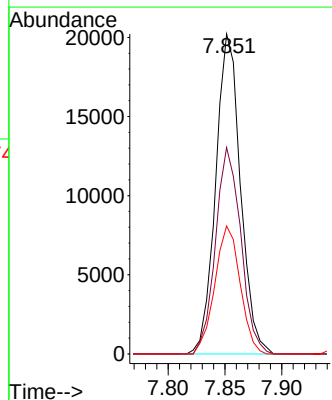
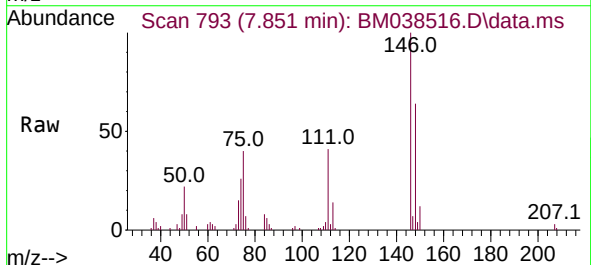
Manual Integrations
APPROVED

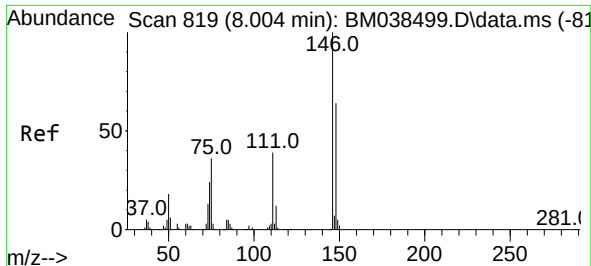
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#12
1,3-Dichlorobenzene
Concen: 8.091 ng
RT: 7.851 min Scan# 793
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Tgt Ion:146 Resp: 30674
Ion Ratio Lower Upper
146 100
148 64.5 52.1 78.1
75 40.0 28.7 43.1





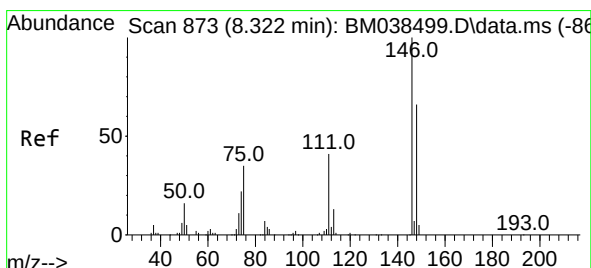
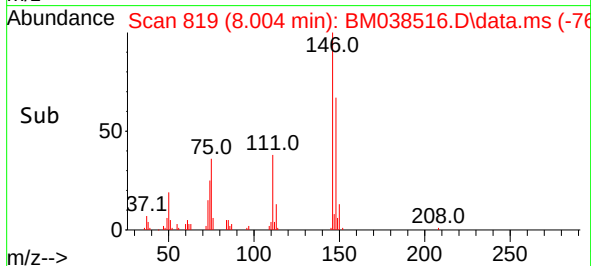
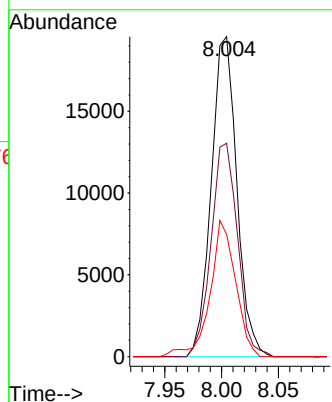
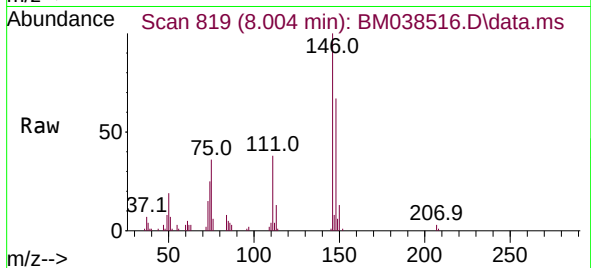
#13
1,4-Dichlorobenzene
Concen: 7.998 ng
RT: 8.004 min Scan# 819
Delta R.T. 0.000 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:146 Resp: 30638
Ion Ratio Lower Upper
146 100
148 66.7 51.3 76.9
111 38.2 31.4 47.0

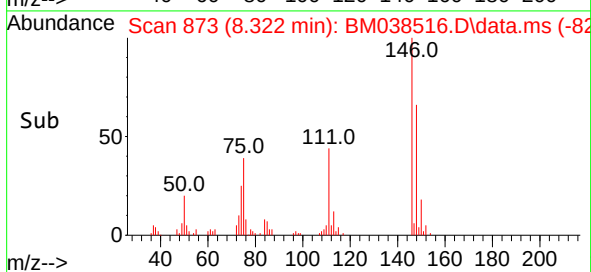
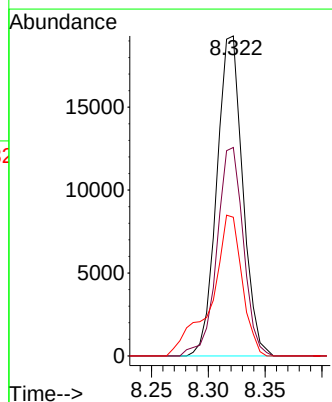
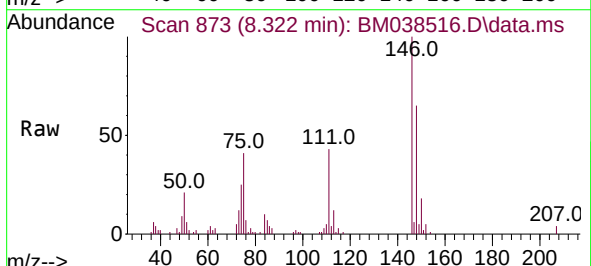
Manual Integrations
APPROVED

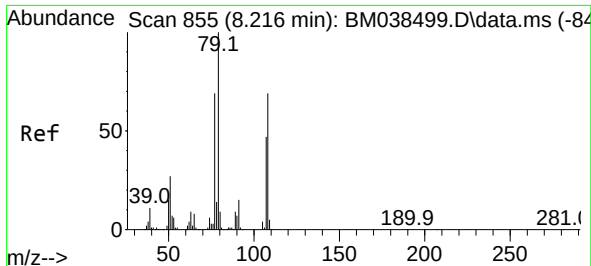
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#14
1,2-Dichlorobenzene
Concen: 8.246 ng
RT: 8.322 min Scan# 873
Delta R.T. 0.000 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

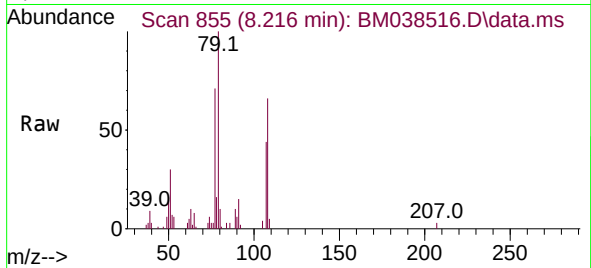
Tgt Ion:146 Resp: 30596
Ion Ratio Lower Upper
146 100
148 65.1 52.7 79.1
111 43.3 33.2 49.8





#15
Benzyl Alcohol
Concen: 7.447 ng
RT: 8.216 min Scan# 855
Delta R.T. 0.000 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

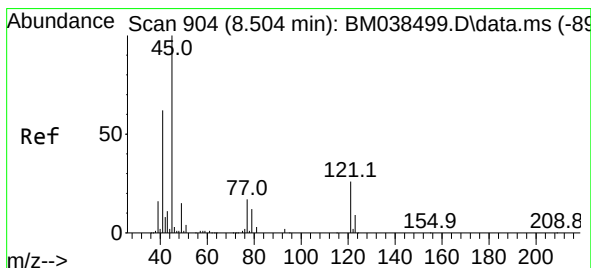
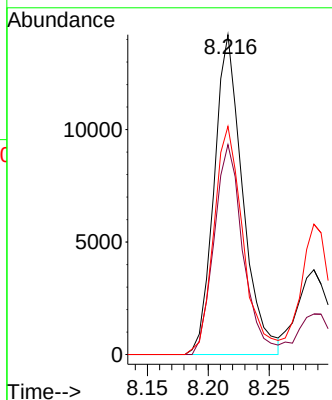
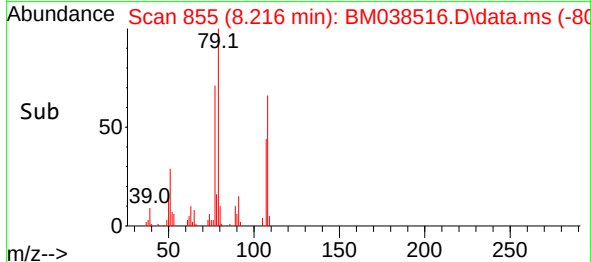
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



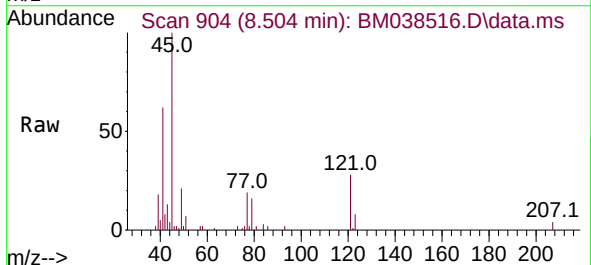
Tgt Ion: 79 Resp: 23190
Ion Ratio Lower Upper
79 100
108 65.6 55.0 82.6
77 71.3 55.0 82.4

Manual Integrations
APPROVED

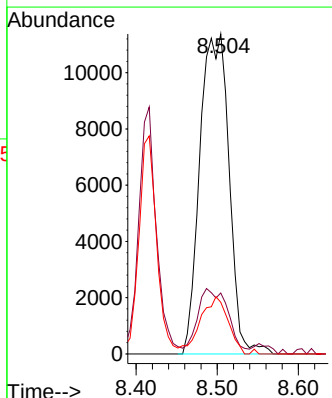
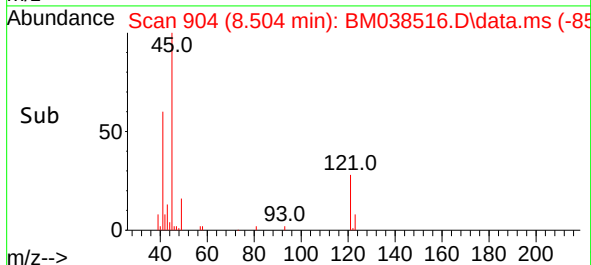
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

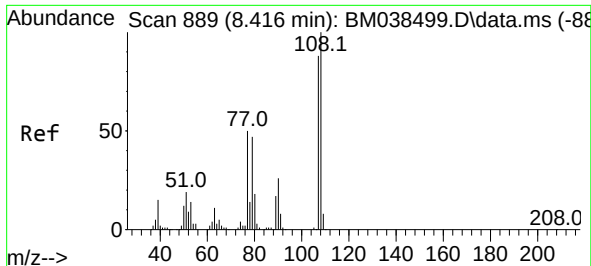


#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.239 ng
RT: 8.504 min Scan# 904
Delta R.T. 0.000 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40



Tgt Ion: 45 Resp: 28410
Ion Ratio Lower Upper
45 100
77 19.0 0.0 39.2
79 16.1 0.0 34.9





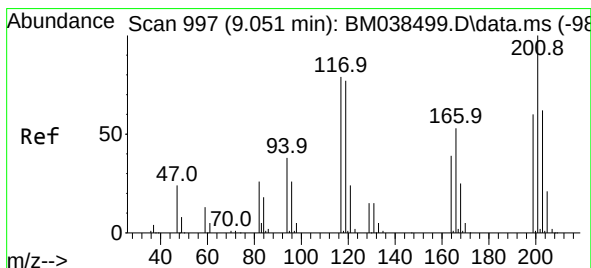
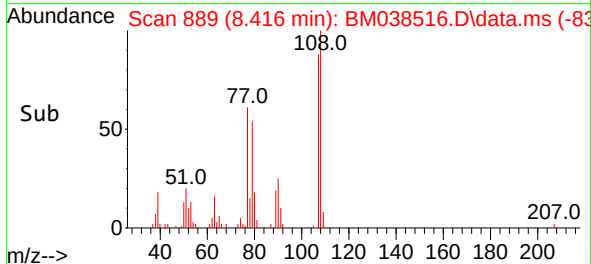
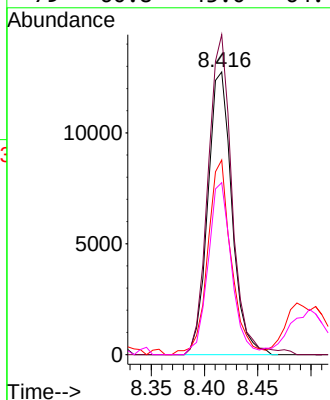
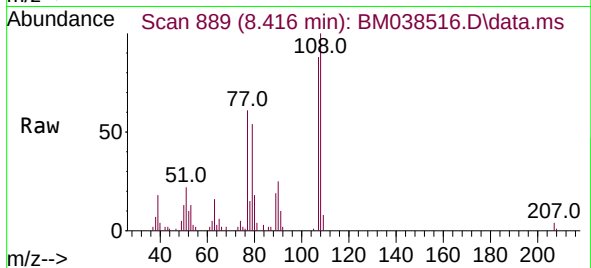
#17
2-Methylphenol
Concen: 6.797 ng
RT: 8.416 min Scan# 889
Delta R.T. 0.000 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:	107	Resp:	2002
Ion	Ratio	Lower	Upper
107	100		
108	113.2	90.8	136.2
77	68.9	46.1	69.1
79	60.8	43.0	64.4

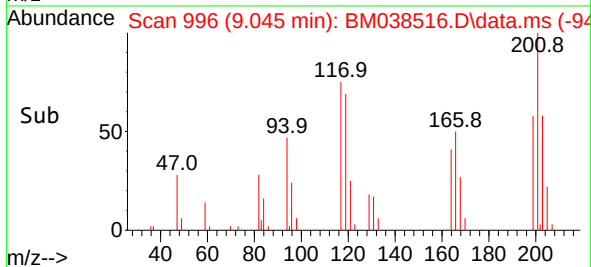
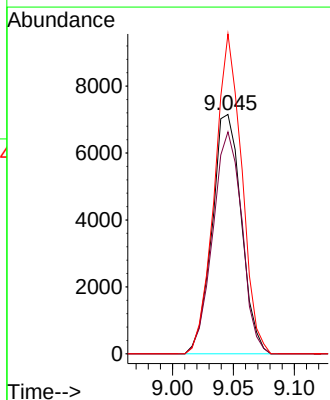
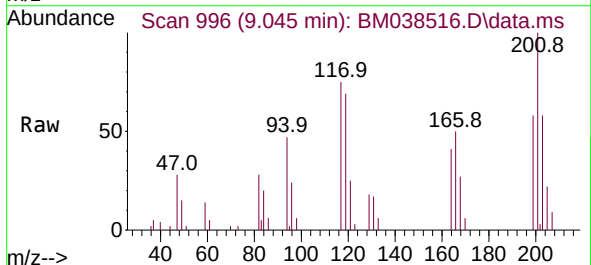
Manual Integrations
APPROVED

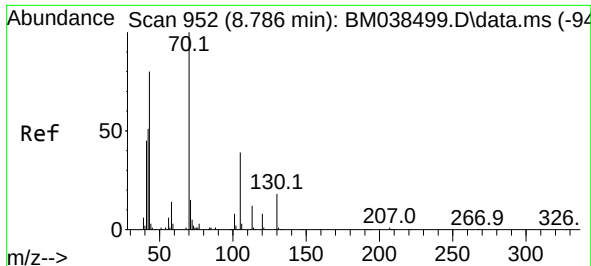
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#18
Hexachloroethane
Concen: 8.405 ng
RT: 9.045 min Scan# 996
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Tgt Ion:	117	Resp:	11969
Ion	Ratio	Lower	Upper
117	100		
119	92.7	77.9	116.9
201	133.7	100.6	151.0





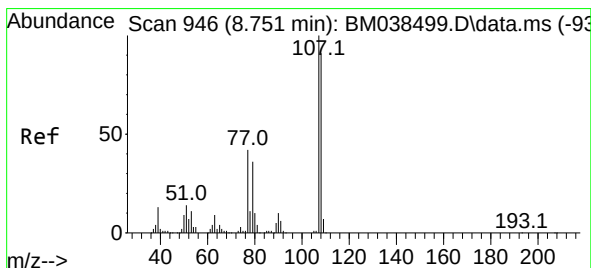
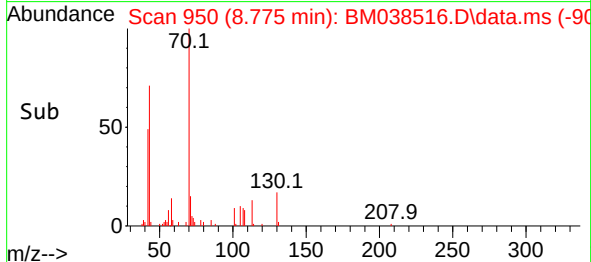
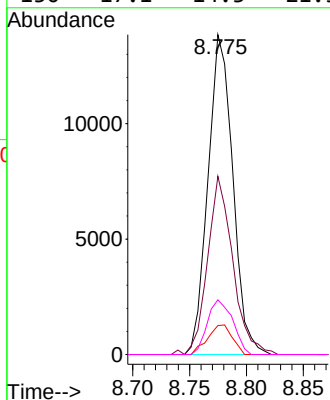
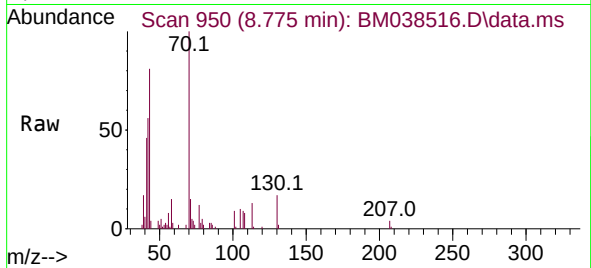
#19
n-Nitroso-di-n-propylamine
Concen: 7.265 ng
RT: 8.775 min Scan# 910
Delta R.T. -0.011 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:	70	Resp:	21063
Ion Ratio	Lower	Upper	
70	100		
42	55.7	41.4	62.2
101	9.1	6.5	9.7
130	17.1	14.3	21.5

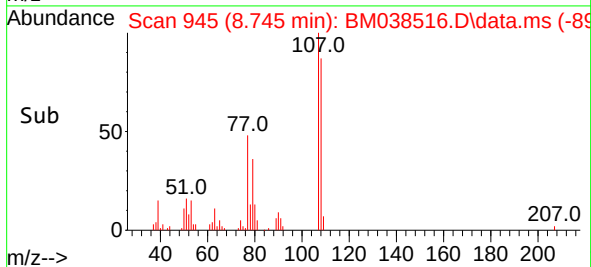
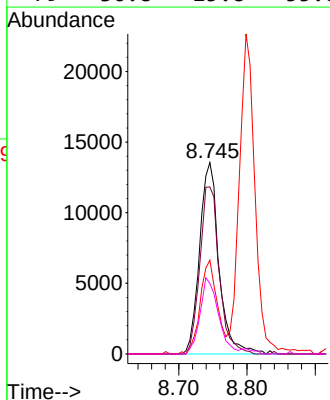
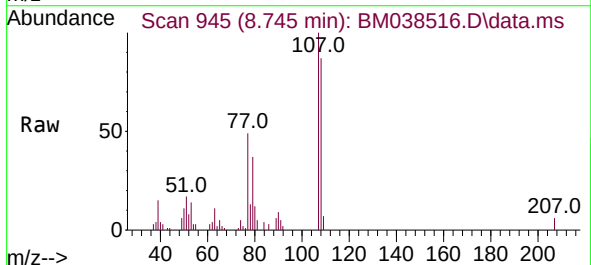
Manual Integrations
APPROVED

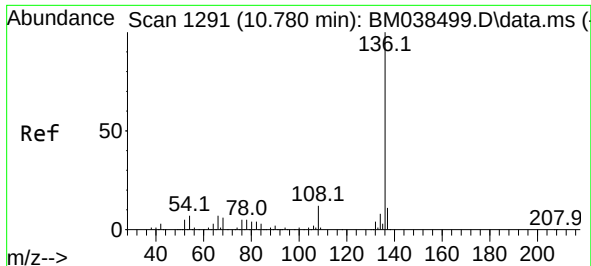
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#20
3+4-Methylphenols
Concen: 6.783 ng
RT: 8.745 min Scan# 945
Delta R.T. -0.005 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

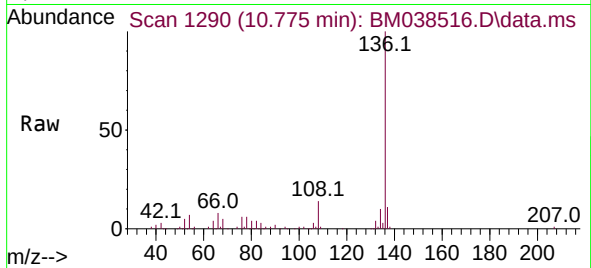
Tgt Ion:	107	Resp:	26776
Ion Ratio	Lower	Upper	
107	100		
108	87.3	70.7	110.7
77	49.0	22.0	62.0
79	36.8	15.8	55.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

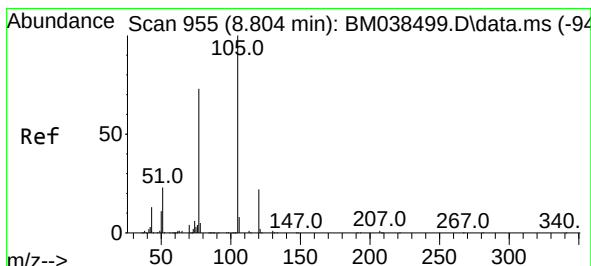
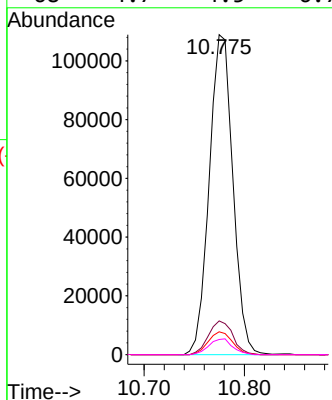
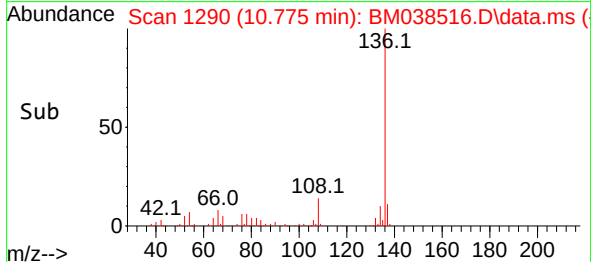
Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:136 Resp: 178475
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 7.1 6.0 9.0
68 4.7 4.5 6.7

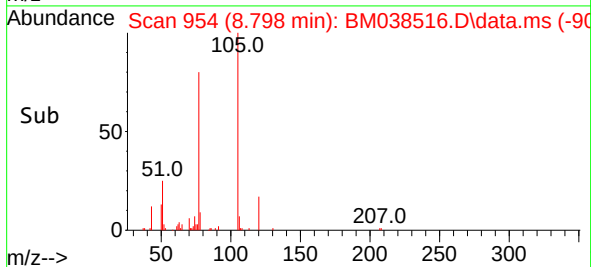
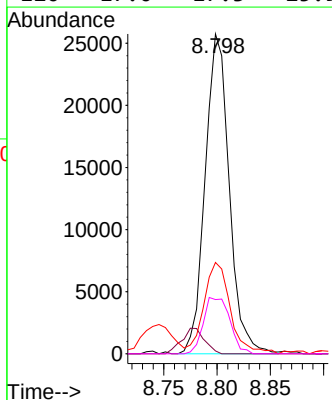
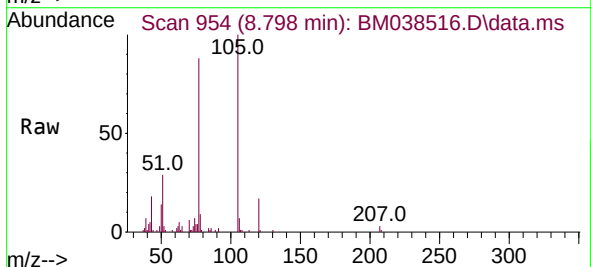
Manual Integrations
APPROVED

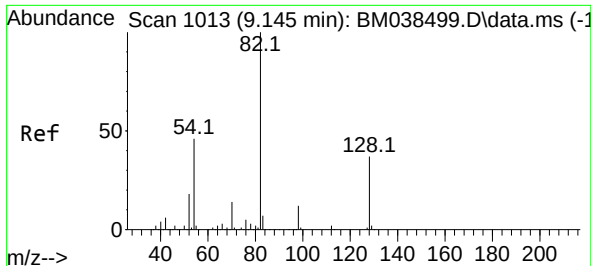
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#22
Acetophenone
Concen: 8.256 ng
RT: 8.798 min Scan# 954
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

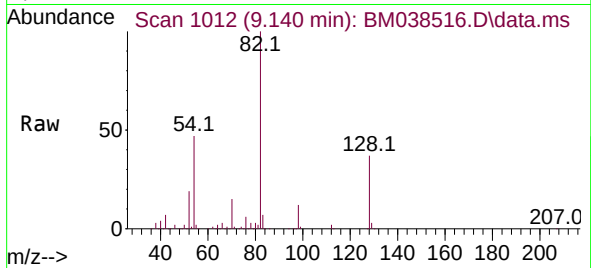
Tgt Ion:105 Resp: 40593
Ion Ratio Lower Upper
105 100
71 0.9 0.9 1.3
51 28.6 21.8 32.8
120 17.0 17.3 25.9





#23
Nitrobenzene-d5
Concen: 77.534 ng
RT: 9.140 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

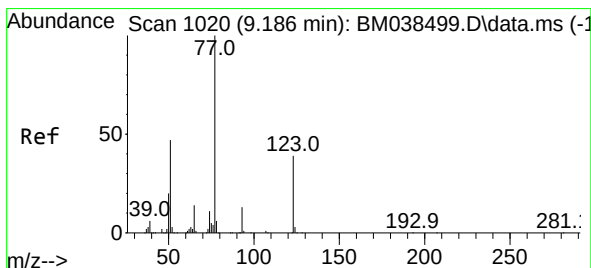
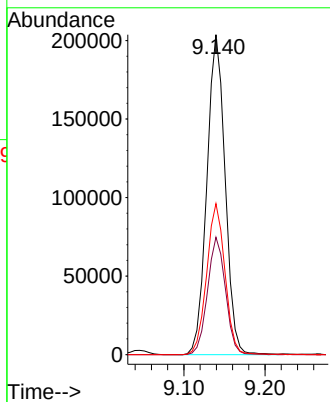
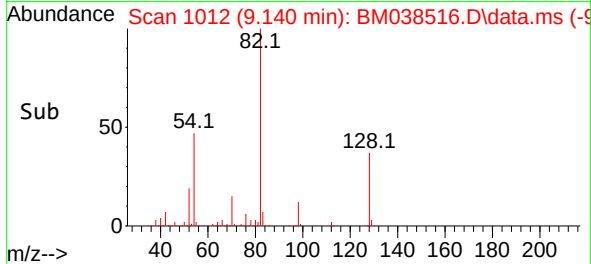
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



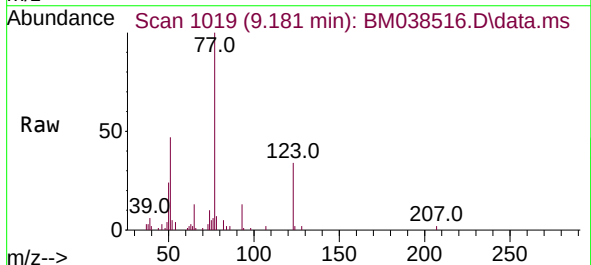
Tgt Ion: 82 Resp: 318662
Ion Ratio Lower Upper
82 100
128 36.7 29.3 43.9
54 47.2 36.9 55.3

Manual Integrations
APPROVED

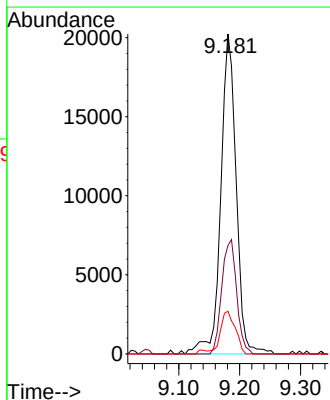
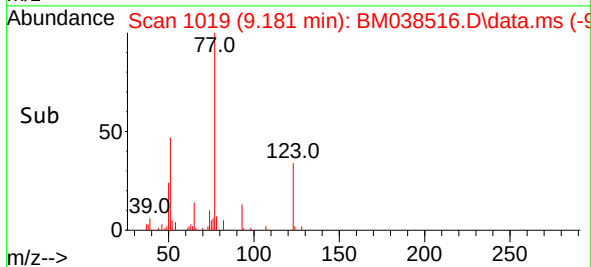
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

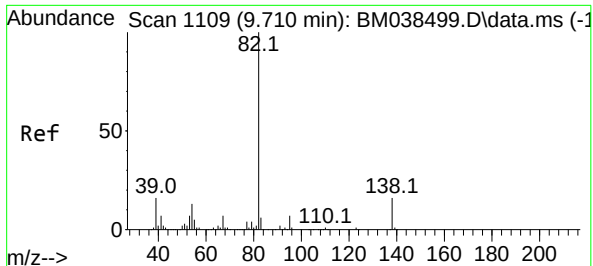


#24
Nitrobenzene
Concen: 8.570 ng
RT: 9.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40



Tgt Ion: 77 Resp: 35639
Ion Ratio Lower Upper
77 100
123 33.9 31.5 47.3
65 13.3 11.2 16.8





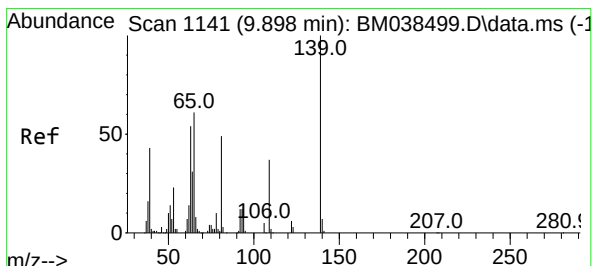
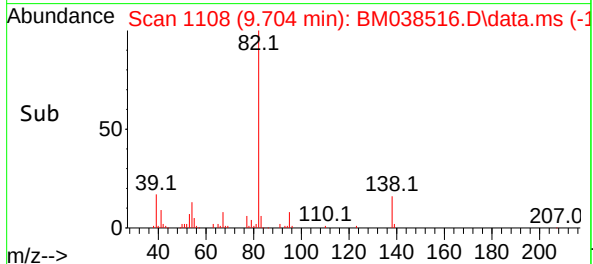
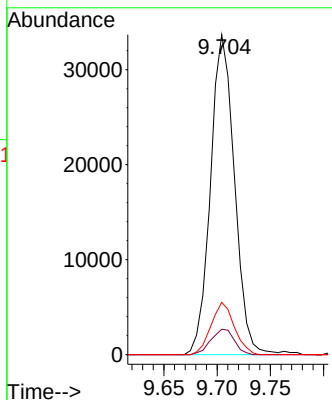
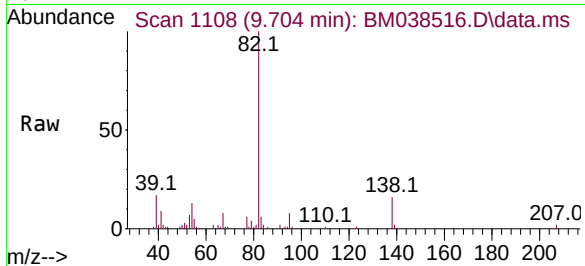
#25
Isophorone
Concen: 7.790 ng
RT: 9.704 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 82 Resp: 52833
Ion Ratio Lower Upper
82 100
95 7.9 5.6 8.4
138 16.3 13.2 19.8

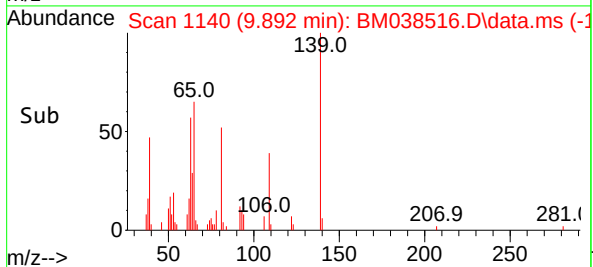
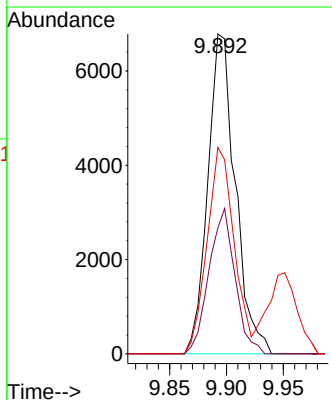
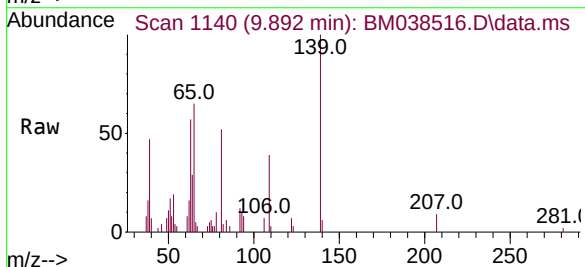
Manual Integrations
APPROVED

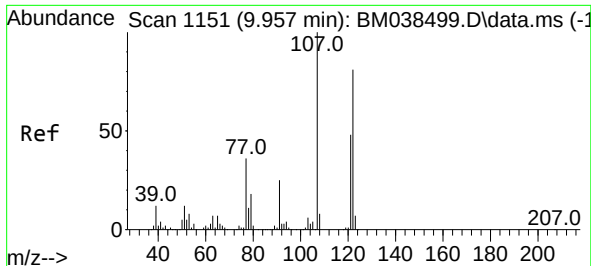
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#26
2-Nitrophenol
Concen: 6.929 ng
RT: 9.892 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Tgt Ion:139 Resp: 11437
Ion Ratio Lower Upper
139 100
109 39.4 29.3 43.9
65 64.5 48.6 72.8





#27

2,4-Dimethylphenol

Concen: 6.830 ng

RT: 9.951 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BM038516.D

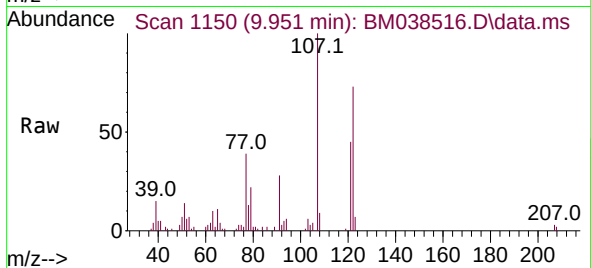
Acq: 23 Jan 2023 19:40

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022



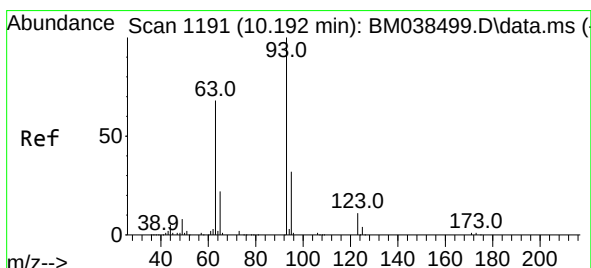
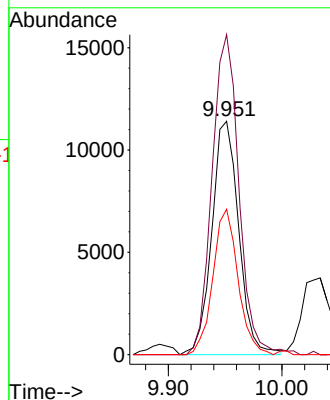
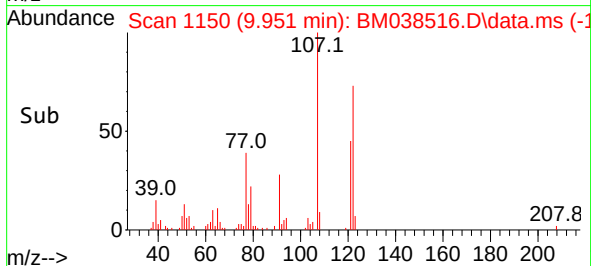
Tgt Ion	Ratio	Lower	Upper
122	100		
107	137.1	98.2	147.2
121	62.3	47.1	70.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#28

bis(2-Chloroethoxy)methane

Concen: 8.020 ng

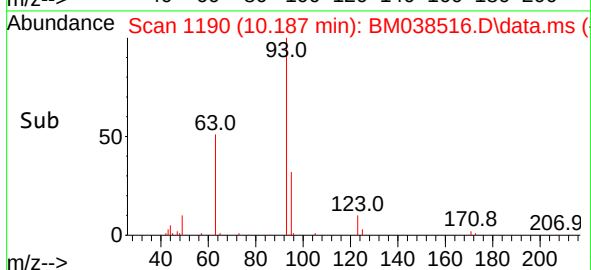
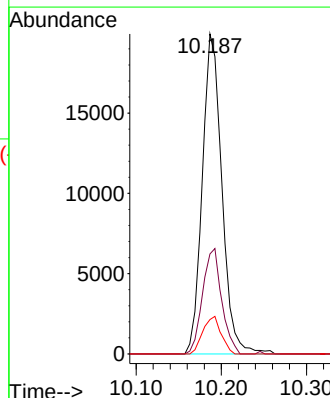
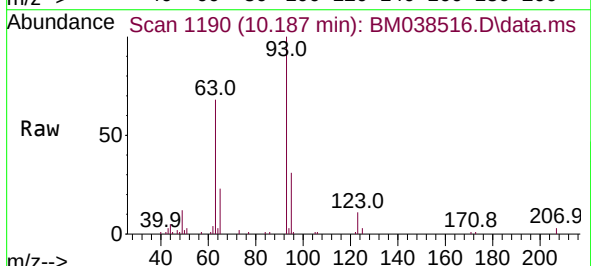
RT: 10.187 min Scan# 1190

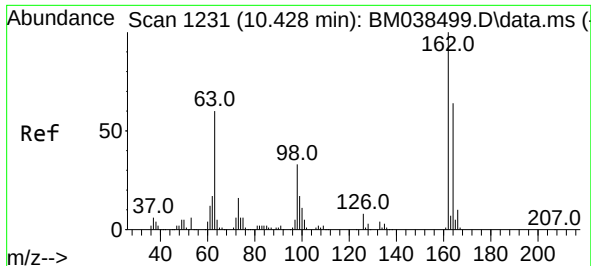
Delta R.T. -0.006 min

Lab File: BM038516.D

Acq: 23 Jan 2023 19:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.2	25.3	37.9
123	10.7	8.8	13.2





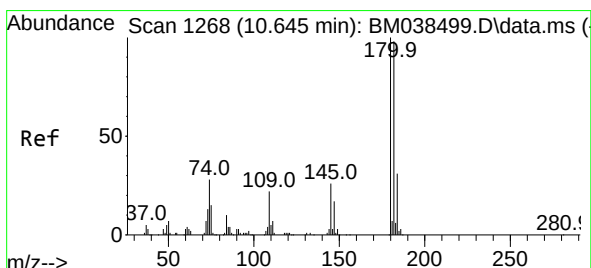
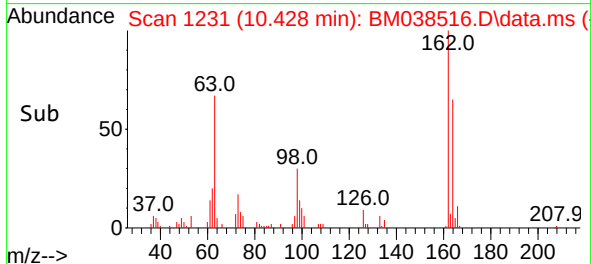
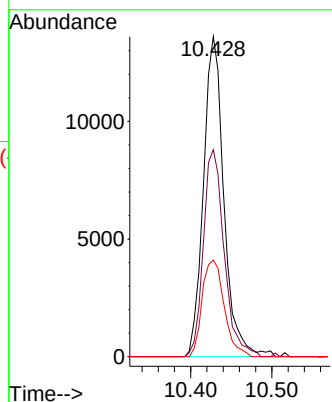
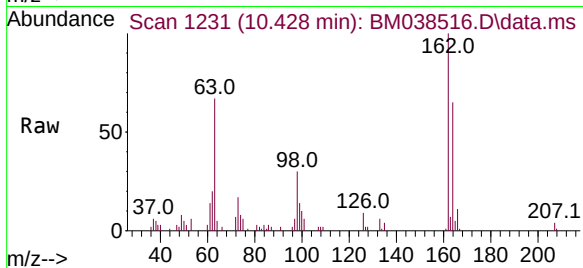
#29
2,4-Dichlorophenol
Concen: 7.401 ng
RT: 10.428 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:162 Resp: 23854
Ion Ratio Lower Upper
162 100
164 64.7 43.7 83.7
98 30.2 12.9 52.9

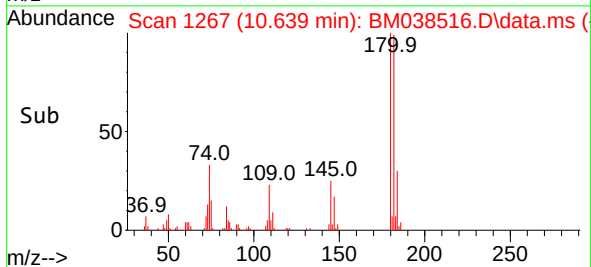
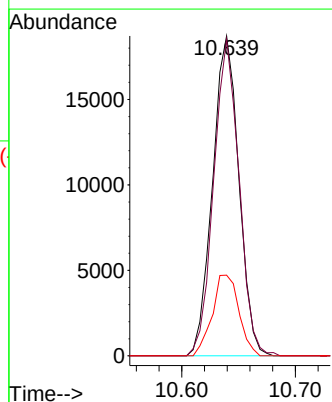
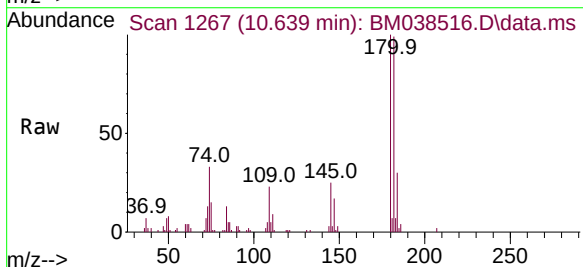
Manual Integrations
APPROVED

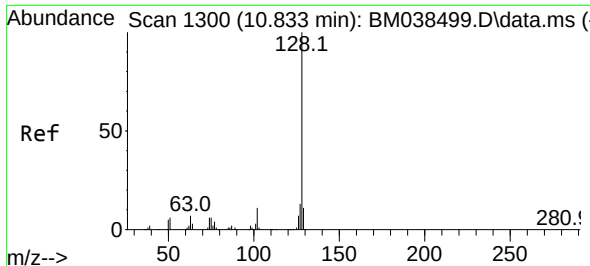
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#30
1,2,4-Trichlorobenzene
Concen: 8.159 ng
RT: 10.639 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

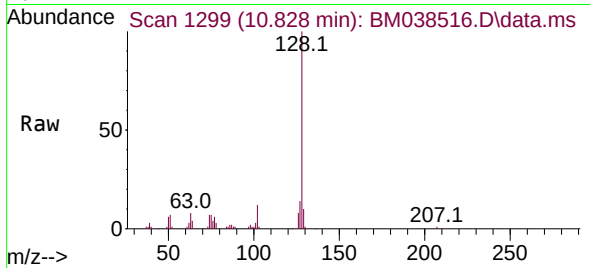
Tgt Ion:180 Resp: 30073
Ion Ratio Lower Upper
180 100
182 99.0 78.3 117.5
145 25.2 21.0 31.6





#31
Naphthalene
Concen: 7.578 ng
RT: 10.828 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

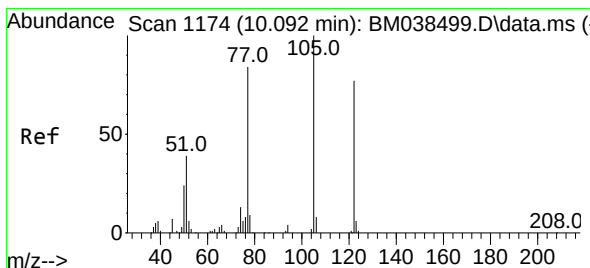
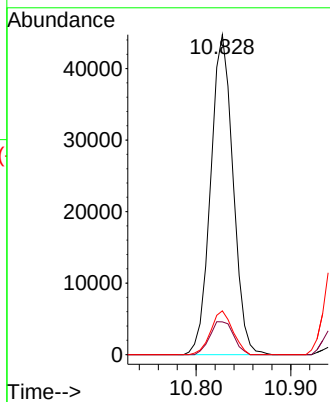
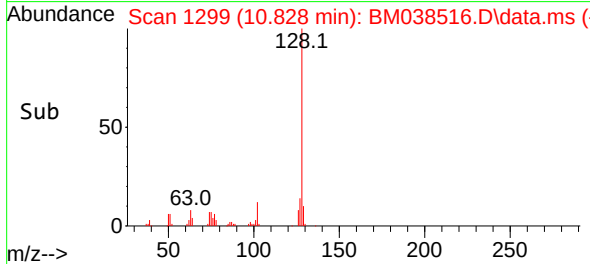
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:128 Resp: 7347
Ion Ratio Lower Upper
128 100
129 10.2 8.8 13.2
127 13.7 10.3 15.5

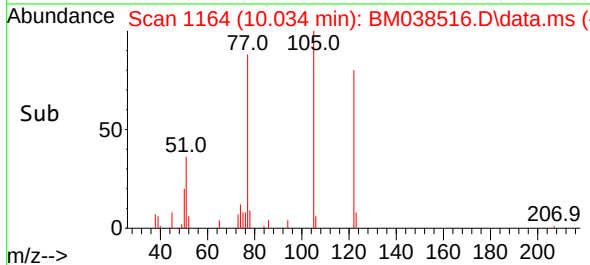
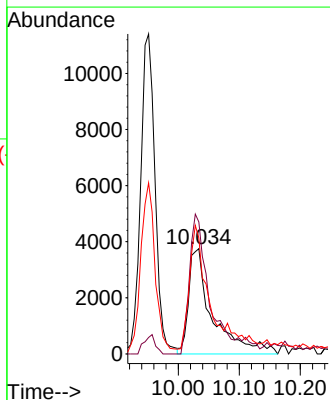
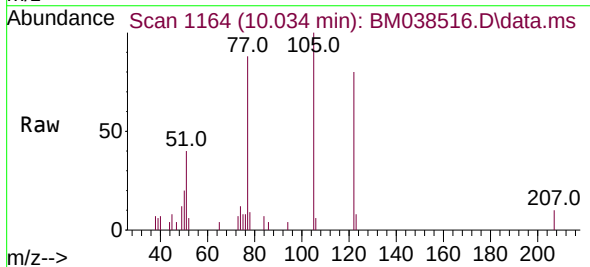
Manual Integrations
APPROVED

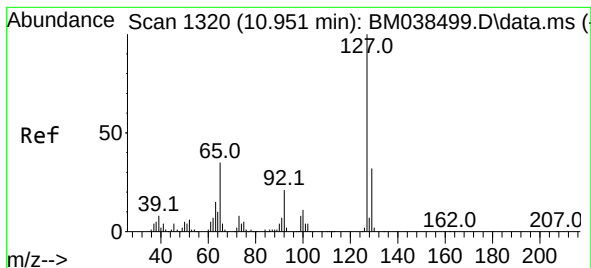
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#32
Benzoic acid
Concen: 9.747 ng m
RT: 10.034 min Scan# 1164
Delta R.T. -0.058 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Tgt Ion:122 Resp: 10122
Ion Ratio Lower Upper
122 100
105 125.4 107.9 147.9
77 110.2 88.6 128.6





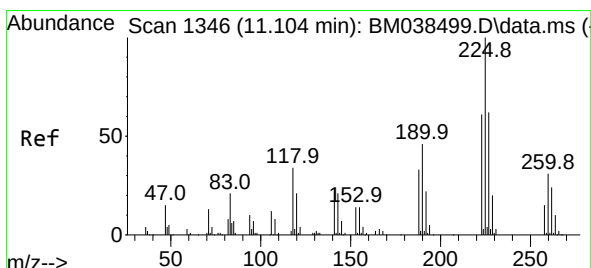
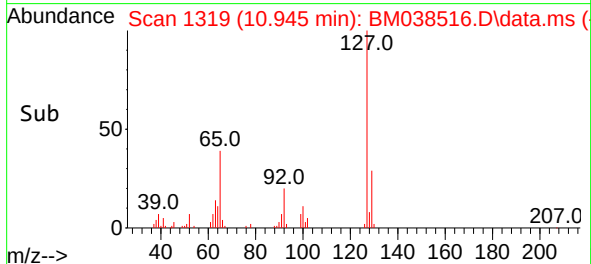
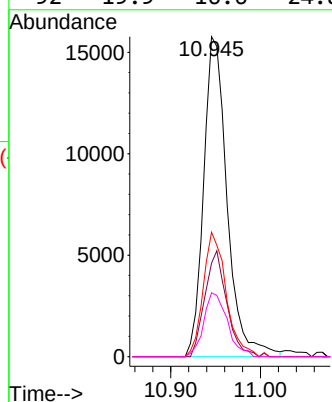
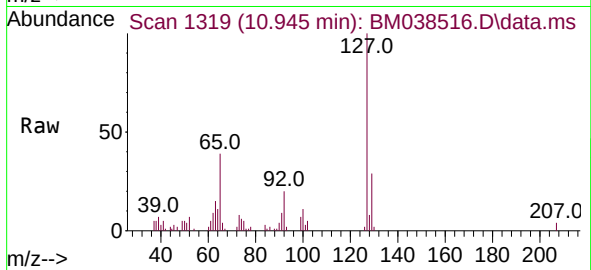
#33
4-Chloroaniline
Concen: 7.110 ng
RT: 10.945 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:	127	Resp:	28774
Ion Ratio	Lower	Upper	
127	100		
129	29.2	25.8	38.6
65	38.9	28.2	42.2
92	19.9	16.6	24.8

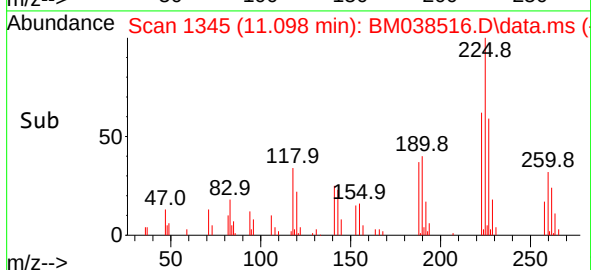
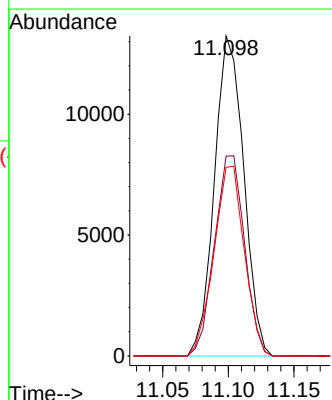
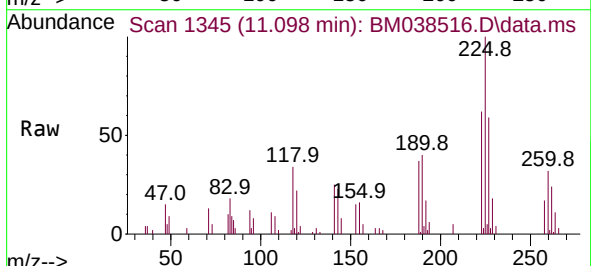
Manual Integrations
APPROVED

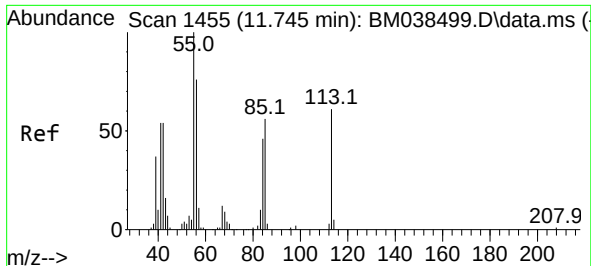
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#34
Hexachlorobutadiene
Concen: 8.490 ng
RT: 11.098 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

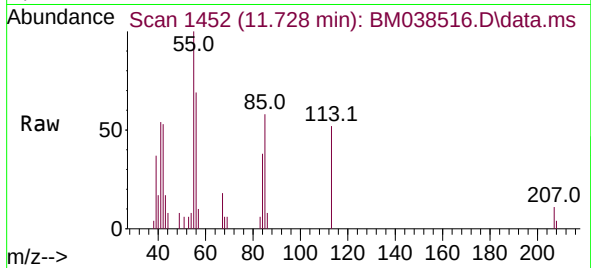
Tgt Ion:	225	Resp:	20583
Ion Ratio	Lower	Upper	
225	100		
223	62.4	48.8	73.2
227	58.9	49.4	74.0





#35
Caprolactam
Concen: 6.303 ng
RT: 11.728 min Scan# 1452
Delta R.T. -0.017 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

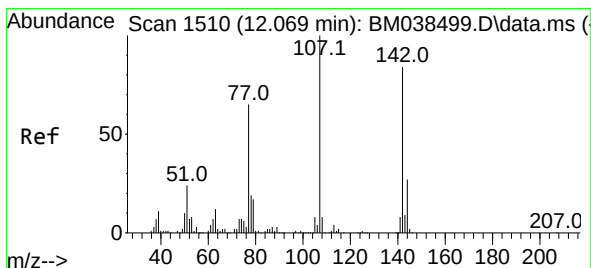
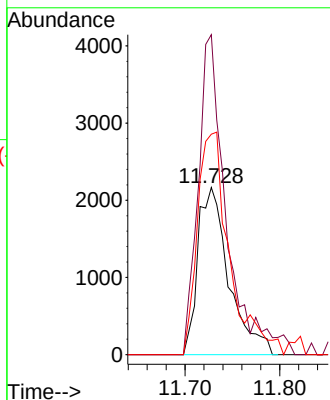
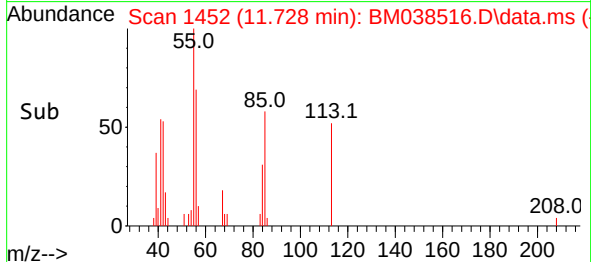
Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:113 Resp: 4925
Ion Ratio Lower Upper
113 100
55 191.4 145.0 185.0
56 131.8 105.7 145.7

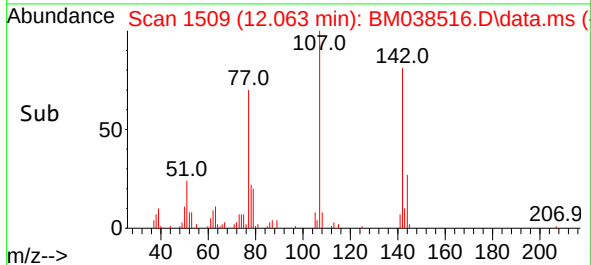
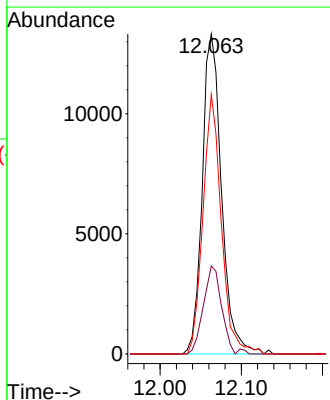
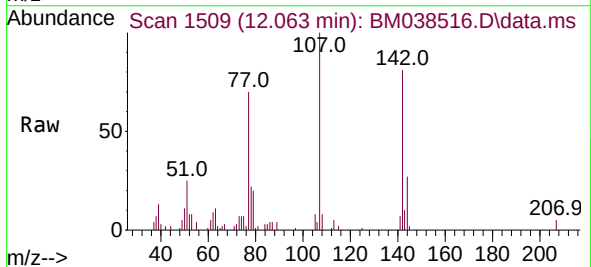
Manual Integrations
APPROVED

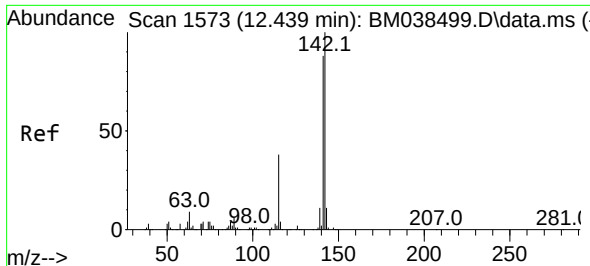
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#36
4-Chloro-3-methylphenol
Concen: 7.525 ng
RT: 12.063 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

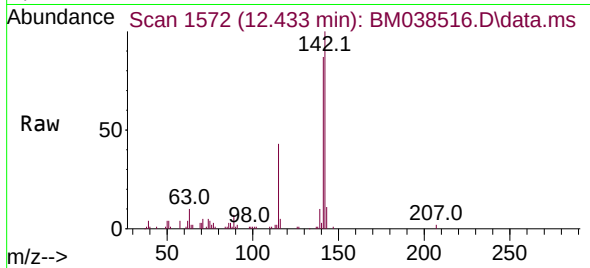
Tgt Ion:107 Resp: 22053
Ion Ratio Lower Upper
107 100
144 27.5 22.0 33.0
142 81.0 67.5 101.3





#37
2-Methylnaphthalene
Concen: 7.225 ng
RT: 12.433 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

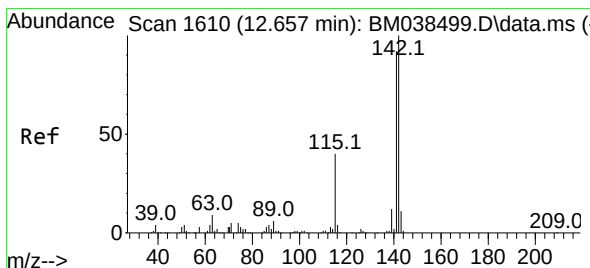
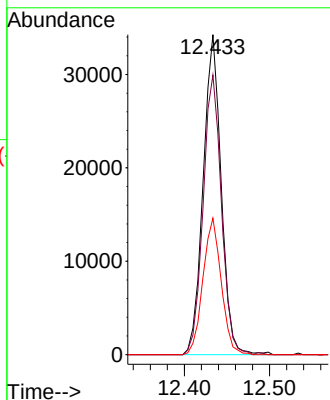
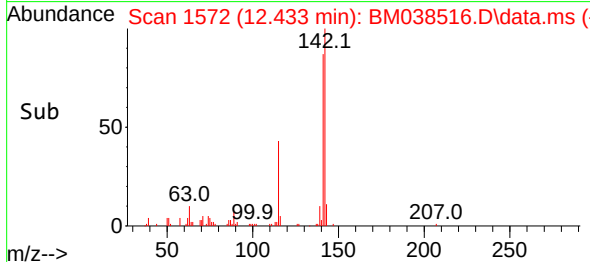
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



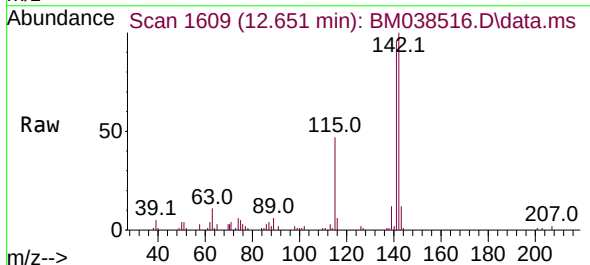
Tgt Ion:142 Resp: 50346
Ion Ratio Lower Upper
142 100
141 87.4 70.7 106.1
115 42.6 30.4 45.6

Manual Integrations
APPROVED

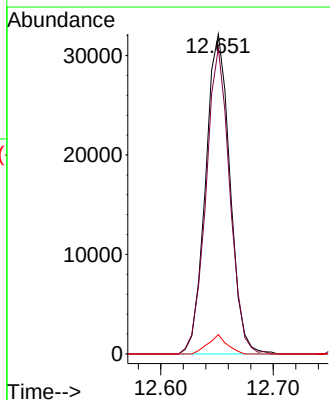
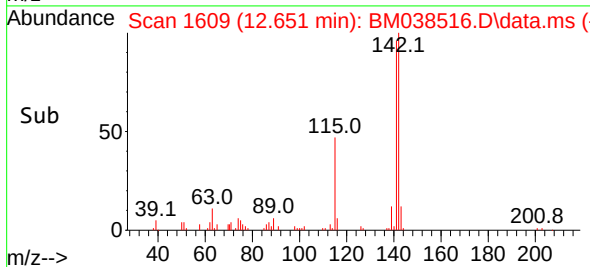
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

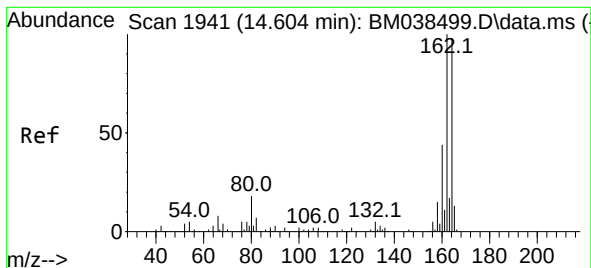


#38
1-Methylnaphthalene
Concen: 7.368 ng m
RT: 12.651 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40



Tgt Ion:142 Resp: 48417
Ion Ratio Lower Upper
142 100
141 95.6 73.4 110.0
116 6.0 3.3 4.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.604 min Scan# 1941

Delta R.T. 0.000 min

Lab File: BM038516.D

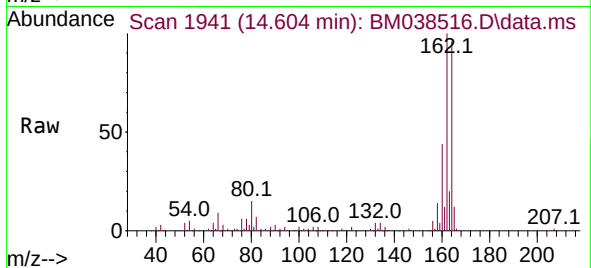
Acq: 23 Jan 2023 19:40

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022



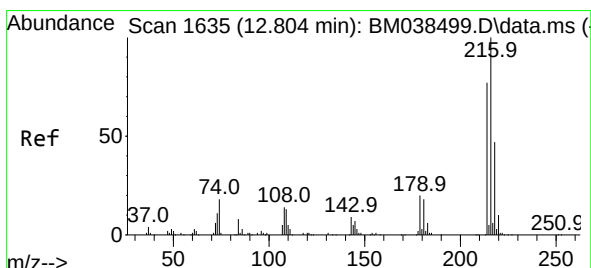
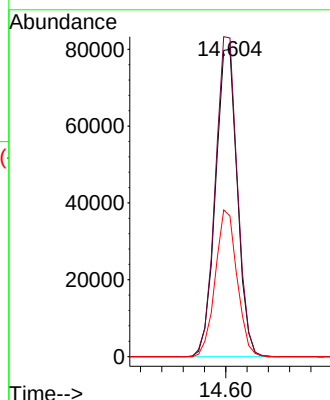
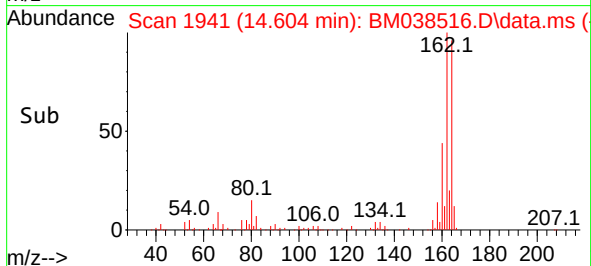
Tgt Ion:	164	Resp:	114320
Ion Ratio	Lower	Upper	
164	100		
162	103.7	82.0	123.0
160	45.8	35.8	53.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.214 ng

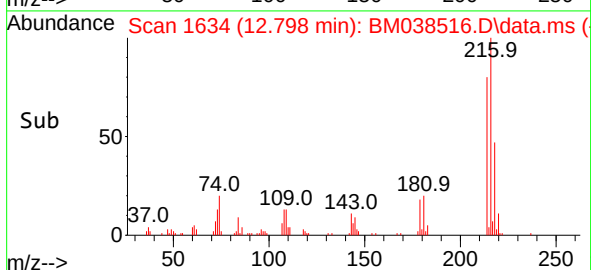
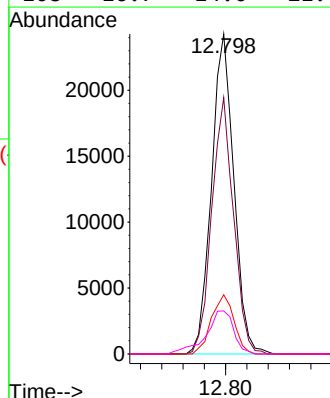
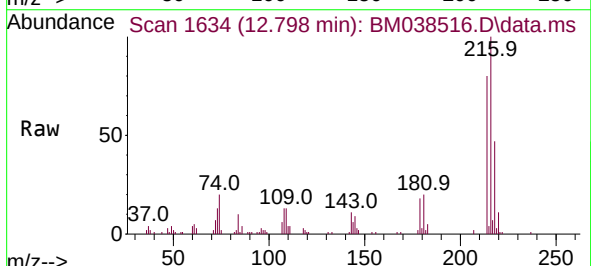
RT: 12.798 min Scan# 1634

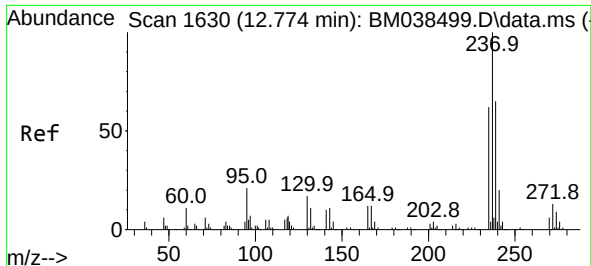
Delta R.T. -0.006 min

Lab File: BM038516.D

Acq: 23 Jan 2023 19:40

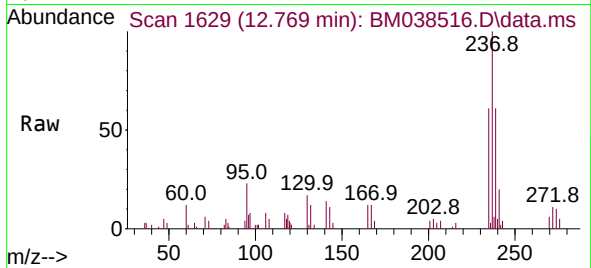
Tgt Ion:	216	Resp:	35322
Ion Ratio	Lower	Upper	
216	100		
214	78.2	61.4	92.0
179	18.7	15.7	23.5
108	16.7	14.0	21.0





#41
Hexachlorocyclopentadiene
Concen: 7.705 ng
RT: 12.769 min Scan# 1629
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

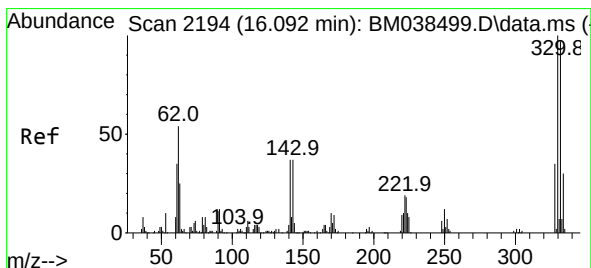
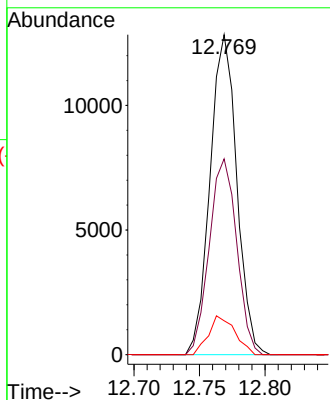
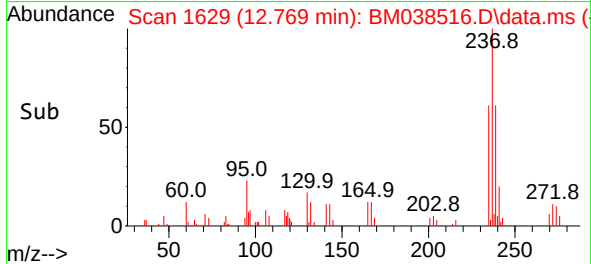
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



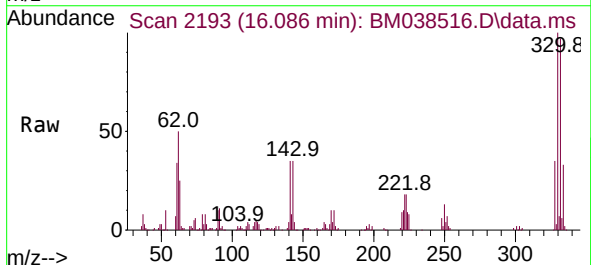
Tgt Ion:237 Resp: 18212
Ion Ratio Lower Upper
237 100
235 61.2 42.3 82.3
272 10.6 0.0 32.9

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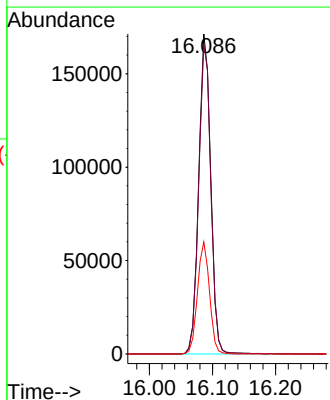
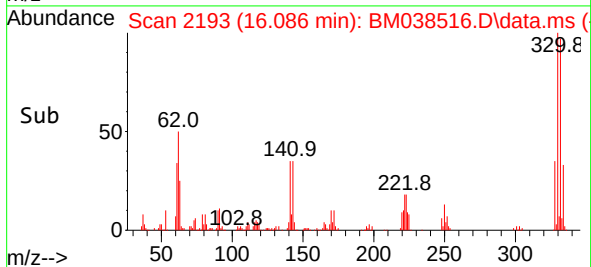
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

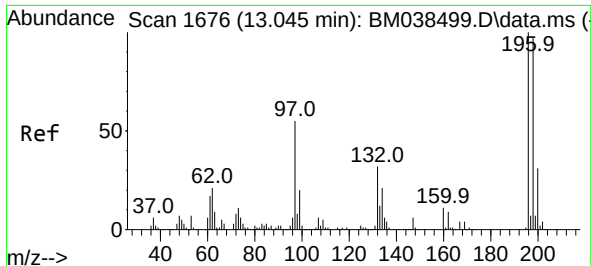


#42
2,4,6-Tribromophenol
Concen: 137.405 ng
RT: 16.086 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40



Tgt Ion:330 Resp: 226202
Ion Ratio Lower Upper
330 100
332 97.9 77.5 116.3
141 34.9 29.0 43.4





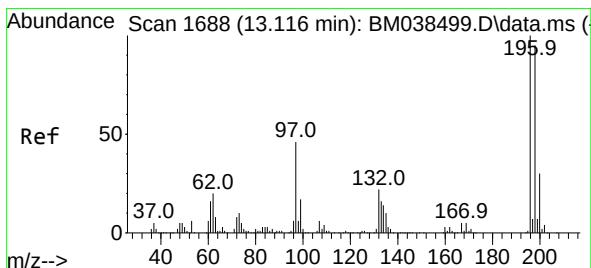
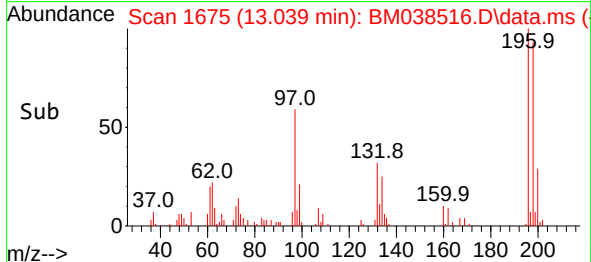
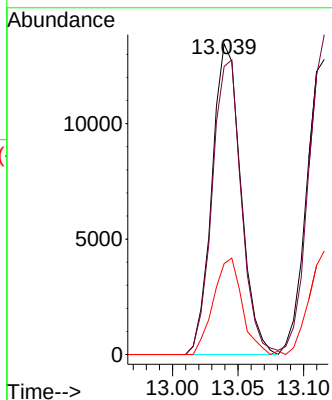
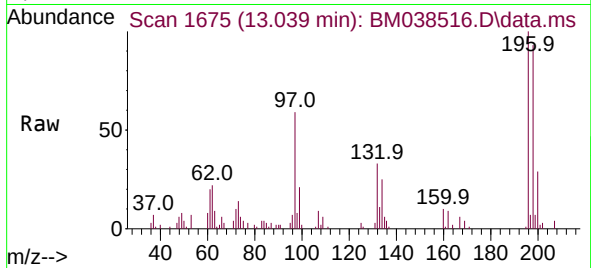
#43
2,4,6-Trichlorophenol
Concen: 7.489 ng
RT: 13.039 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:196 Resp: 20615
Ion Ratio Lower Upper
196 100
198 92.8 77.9 116.9
200 29.3 24.5 36.7

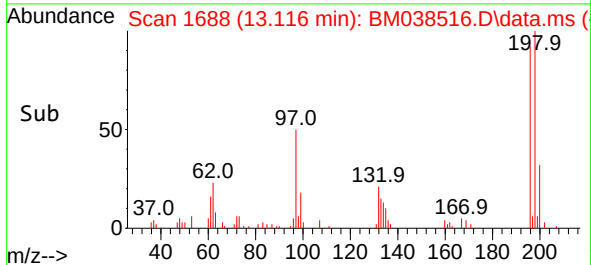
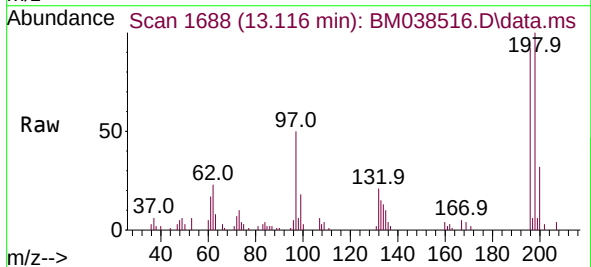
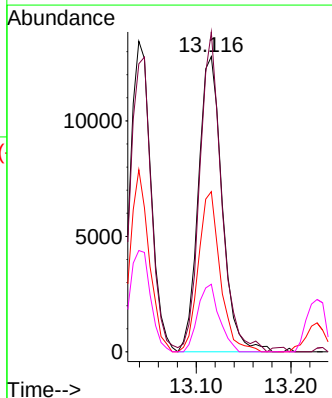
Manual Integrations
APPROVED

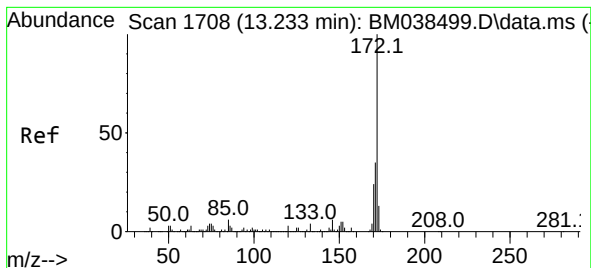
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#44
2,4,5-Trichlorophenol
Concen: 6.942 ng
RT: 13.116 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Tgt Ion:196 Resp: 22383
Ion Ratio Lower Upper
196 100
198 108.4 76.0 114.0
97 54.3 36.9 55.3
132 22.9 17.4 26.2





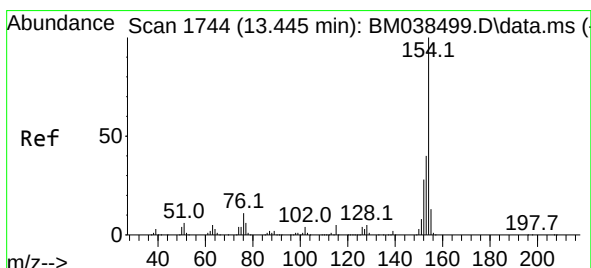
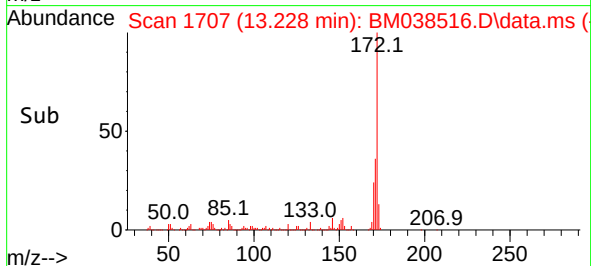
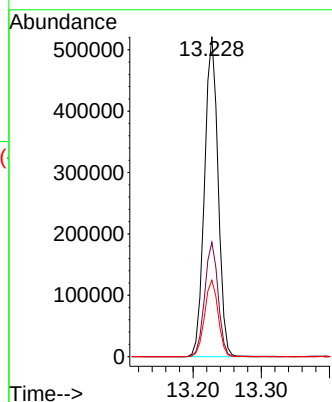
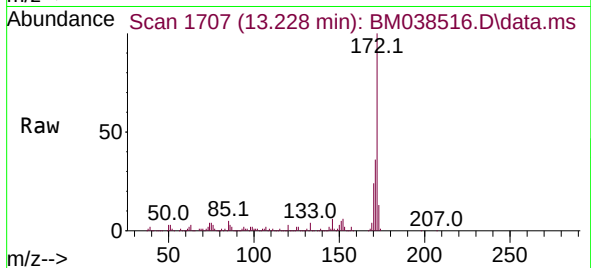
#45
2-Fluorobiphenyl
Concen: 77.715 ng
RT: 13.228 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

Tgt Ion:172 Resp: 721240
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 23.9 19.5 29.3

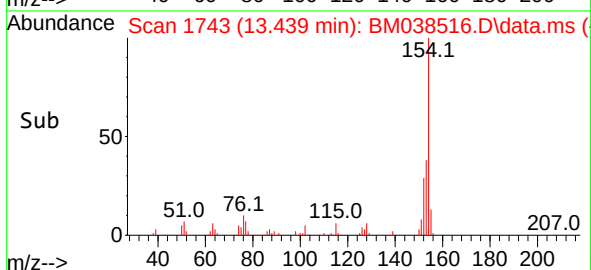
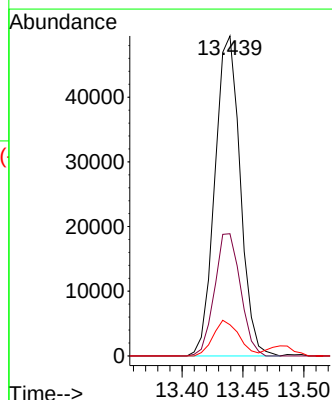
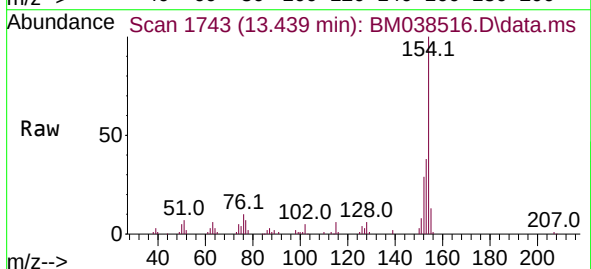
Manual Integrations
APPROVED

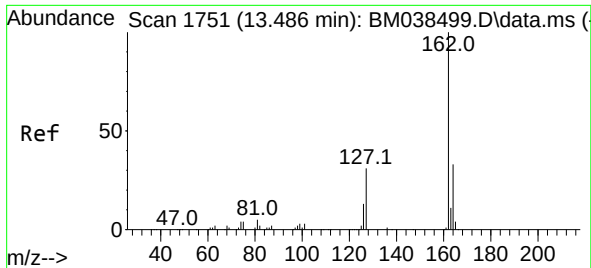
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#46
1,1'-Biphenyl
Concen: 7.829 ng
RT: 13.439 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Tgt Ion:154 Resp: 71674
Ion Ratio Lower Upper
154 100
153 38.2 20.1 60.1
76 9.7 0.0 31.3





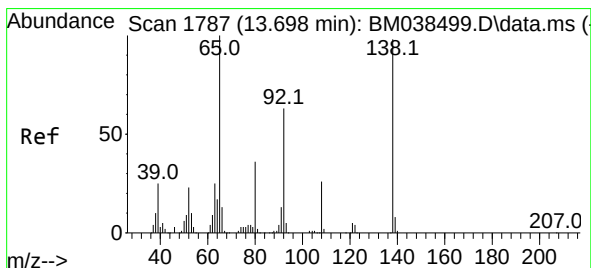
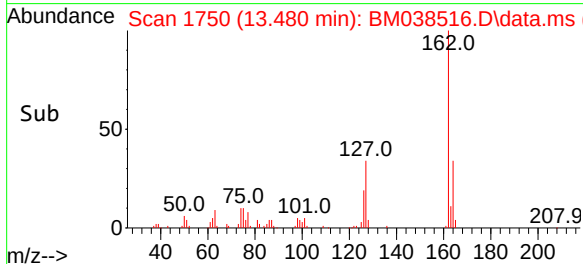
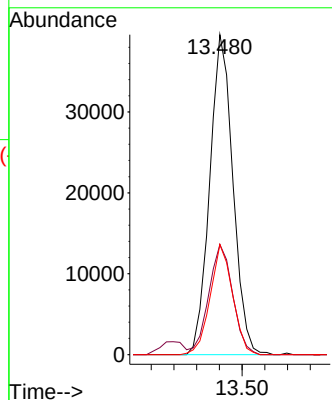
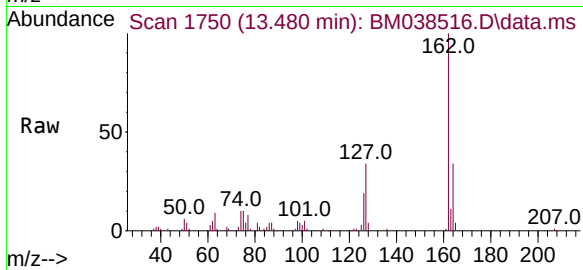
#47
2-Chloronaphthalene
Concen: 7.851 ng
RT: 13.480 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:	162	Resp:	5611
Ion Ratio	Lower	Upper	
162	100		
127	34.4	27.4	41.2
164	34.4	26.7	40.1

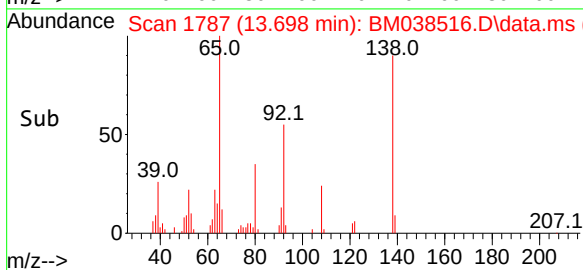
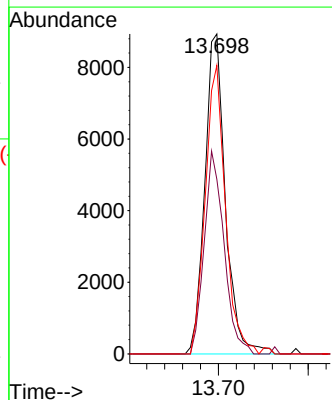
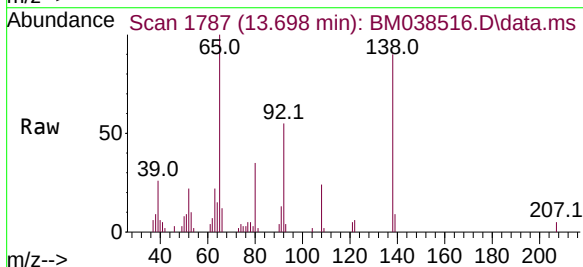
Manual Integrations
APPROVED

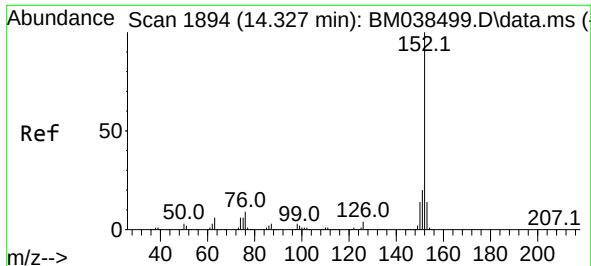
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#48
2-Nitroaniline
Concen: 6.786 ng
RT: 13.698 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

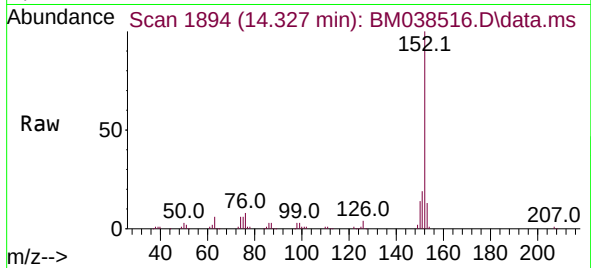
Tgt Ion:	65	Resp:	14243
Ion Ratio	Lower	Upper	
65	100		
92	54.6	50.0	75.0
138	90.1	78.2	117.2





#49
Acenaphthylene
Concen: 7.178 ng
RT: 14.327 min Scan# 1894
Delta R.T. 0.000 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

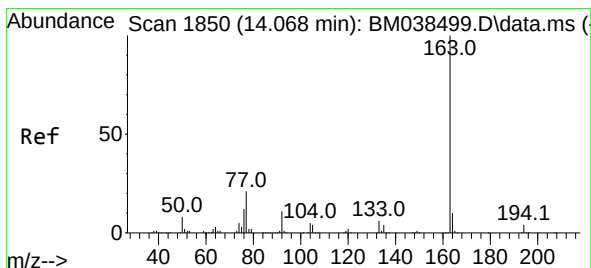
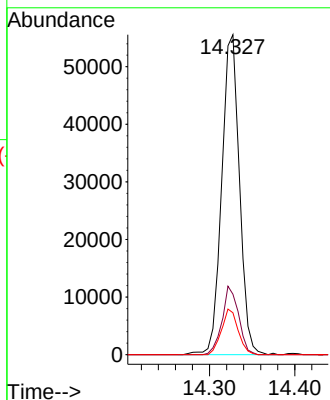
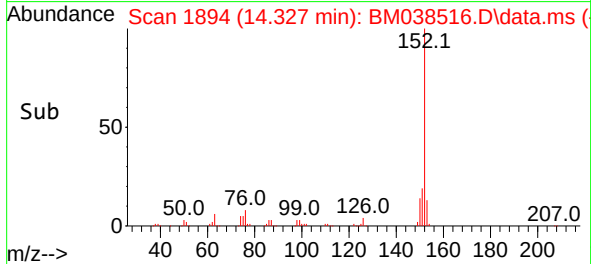
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



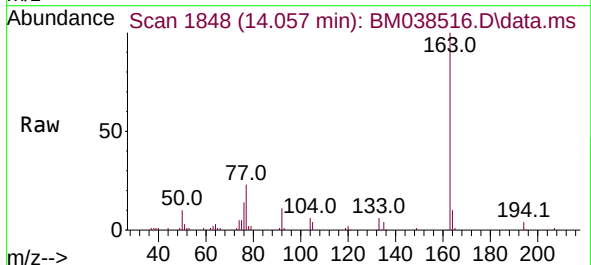
Tgt Ion:152 Resp: 80264
Ion Ratio Lower Upper
152 100
151 18.9 16.0 24.0
153 13.1 10.8 16.2

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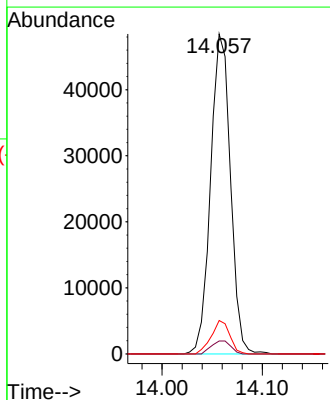
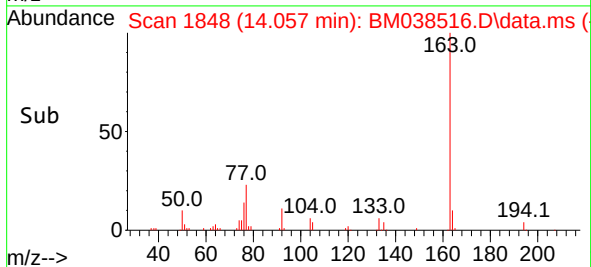
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

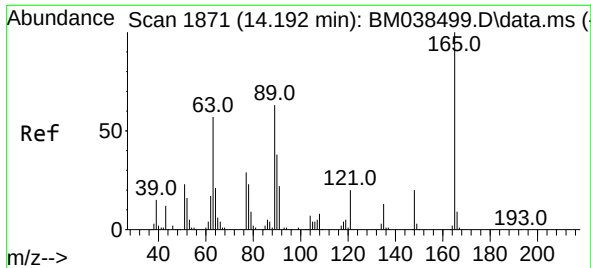


#50
Dimethylphthalate
Concen: 7.554 ng
RT: 14.057 min Scan# 1848
Delta R.T. -0.012 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40



Tgt Ion:163 Resp: 66480
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.4 8.0 12.0





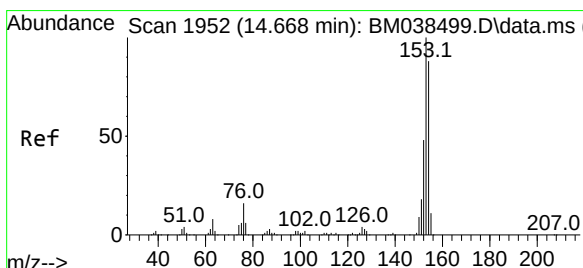
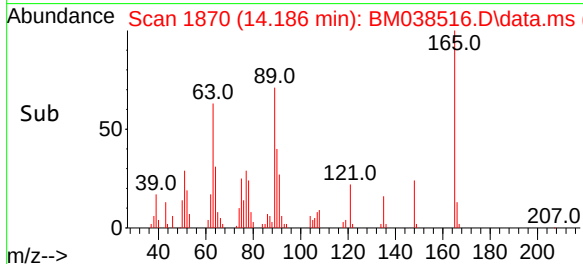
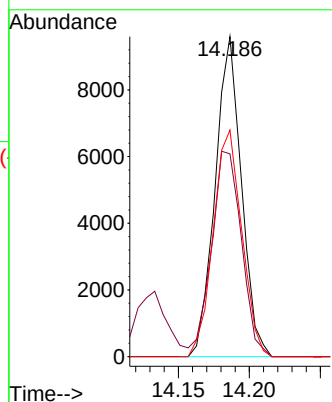
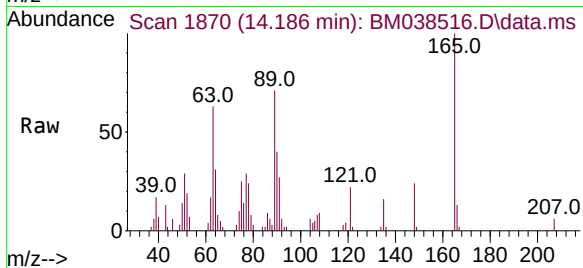
#51
2,6-Dinitrotoluene
Concen: 6.662 ng
RT: 14.186 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:165 Resp: 1233
Ion Ratio Lower Upper
165 100
63 63.4 51.0 76.4
89 70.8 50.2 75.4

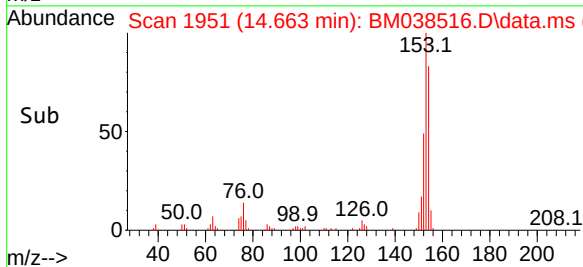
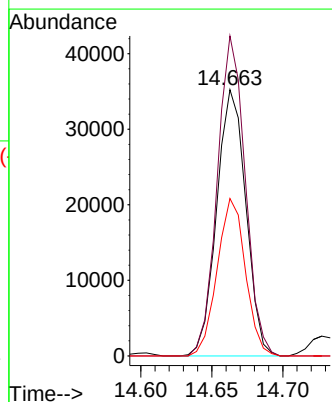
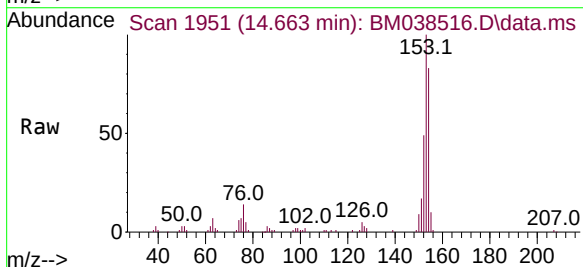
Manual Integrations
APPROVED

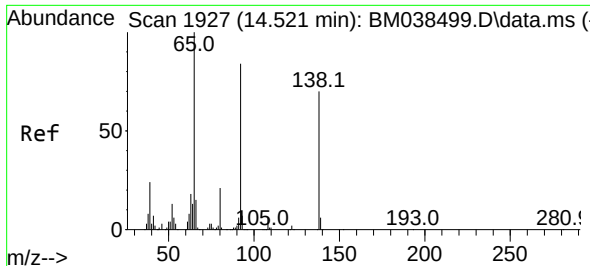
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#52
Acenaphthene
Concen: 7.390 ng
RT: 14.663 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

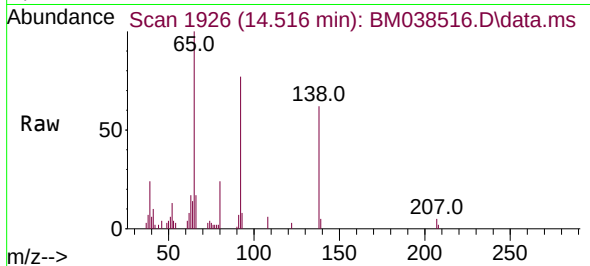
Tgt Ion:154 Resp: 50399
Ion Ratio Lower Upper
154 100
153 120.2 90.7 136.1
152 59.2 43.8 65.8





#53
3-Nitroaniline
Concen: 6.145 ng m
RT: 14.516 min Scan# 1927
Delta R.T. -0.005 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

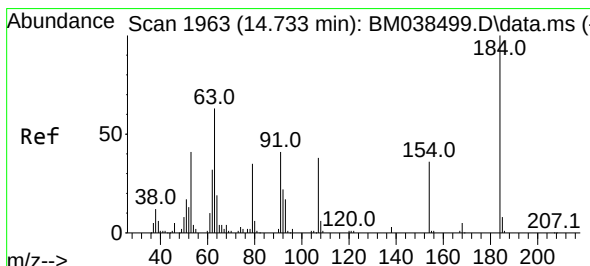
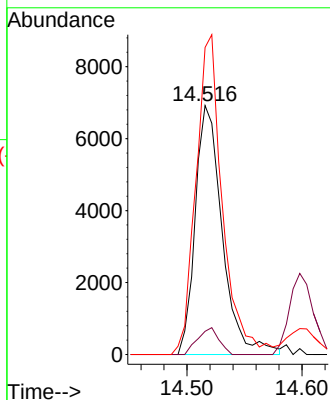
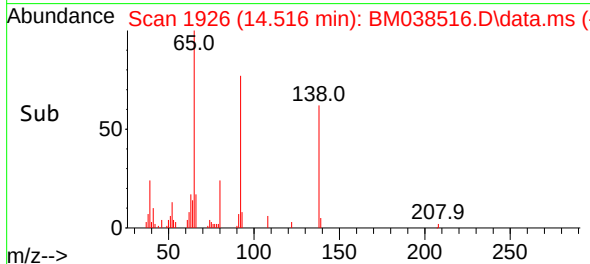
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



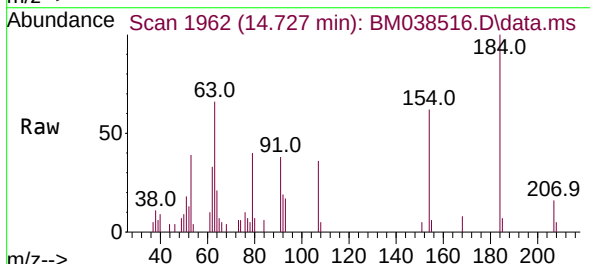
Tgt Ion:138 Resp: 11310
Ion Ratio Lower Upper
138 100
108 9.3 7.0 10.4
92 123.3 95.7 143.5

Manual Integrations
APPROVED

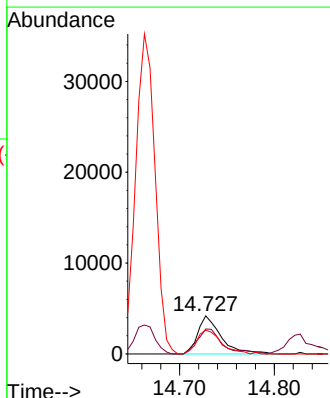
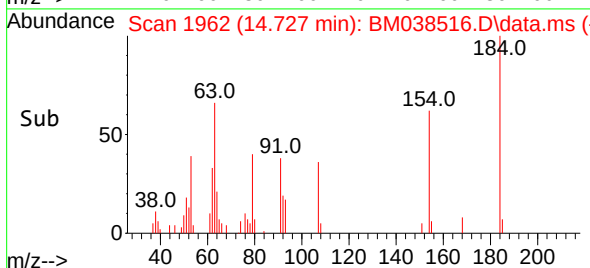
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

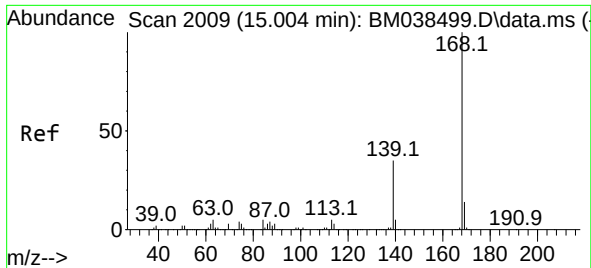


#54
2,4-Dinitrophenol
Concen: 9.463 ng
RT: 14.727 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40



Tgt Ion:184 Resp: 7095
Ion Ratio Lower Upper
184 100
63 65.8 52.2 78.4
154 62.5 48.9 73.3





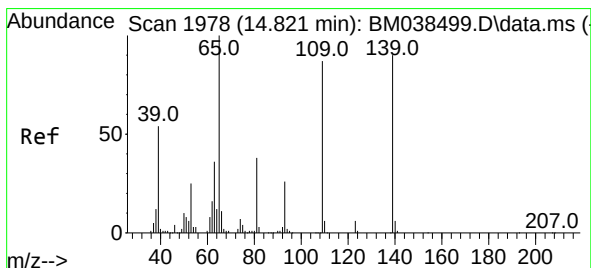
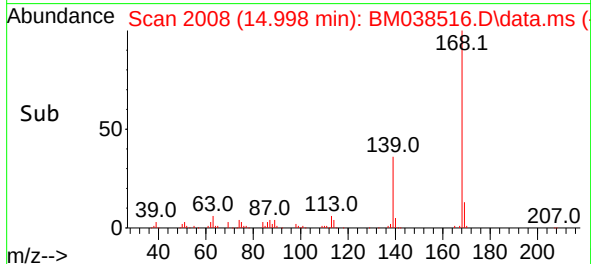
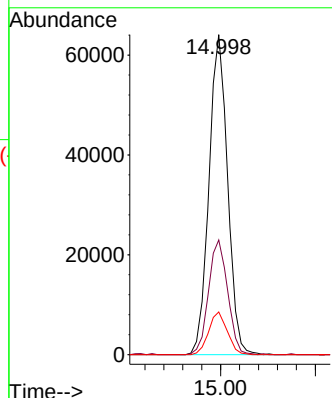
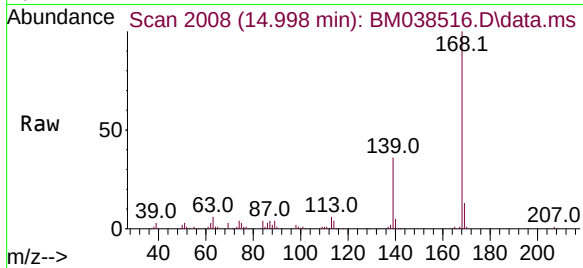
#55
Dibenzofuran
Concen: 7.689 ng
RT: 14.998 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:168 Resp: 87663
Ion Ratio Lower Upper
168 100
139 35.9 27.9 41.9
169 13.3 11.0 16.6

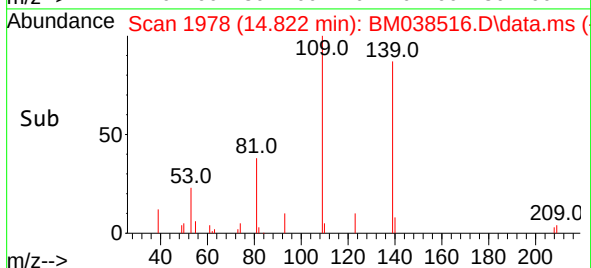
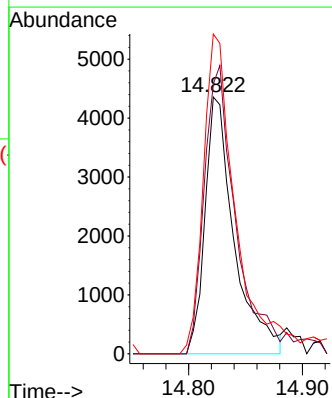
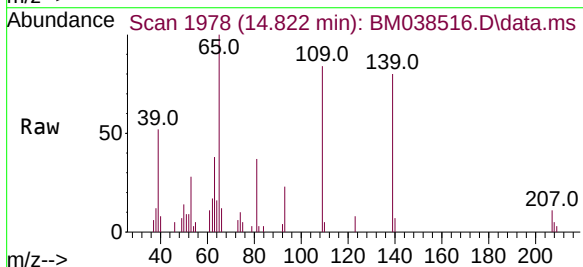
Manual Integrations
APPROVED

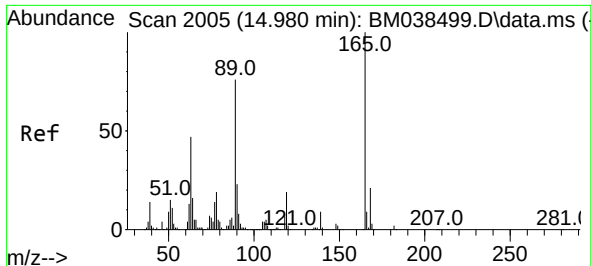
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#56
4-Nitrophenol
Concen: 5.166 ng
RT: 14.822 min Scan# 1978
Delta R.T. 0.001 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

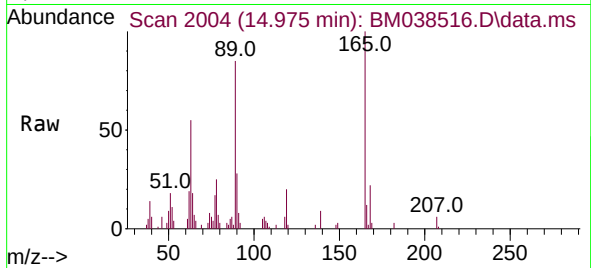
Tgt Ion:139 Resp: 7830
Ion Ratio Lower Upper
139 100
109 105.1 76.8 116.8
65 124.6 91.7 131.7





#57
2,4-Dinitrotoluene
Concen: 6.843 ng
RT: 14.975 min Scan# 2005
Delta R.T. -0.005 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

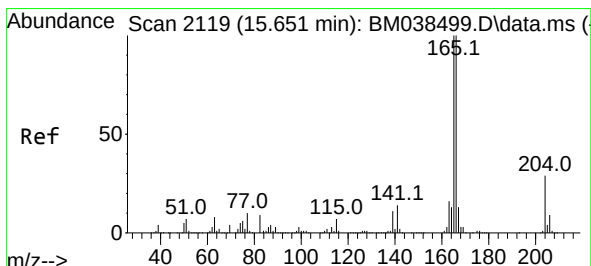
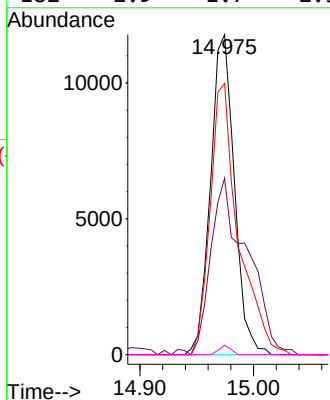
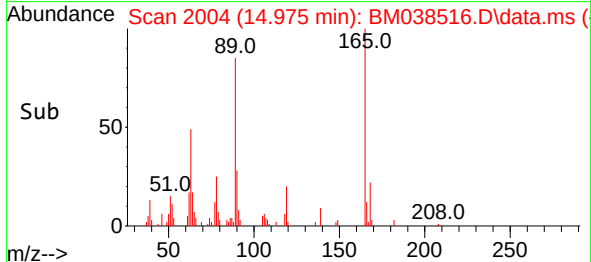
Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:165 Resp: 17180
Ion Ratio Lower Upper
165 100
63 55.2 37.8 56.8
89 84.7 60.9 91.3
182 2.9 1.7 2.5#

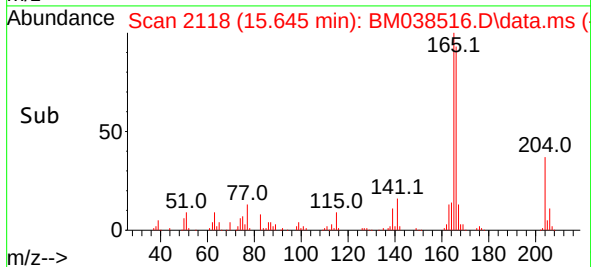
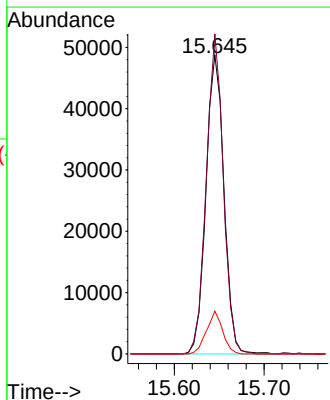
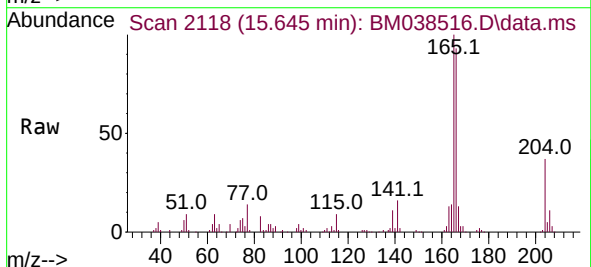
Manual Integrations
APPROVED

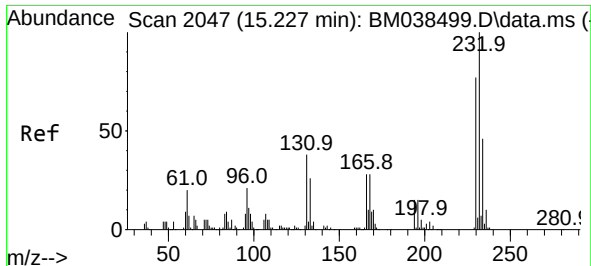
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#58
Fluorene
Concen: 7.346 ng
RT: 15.645 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

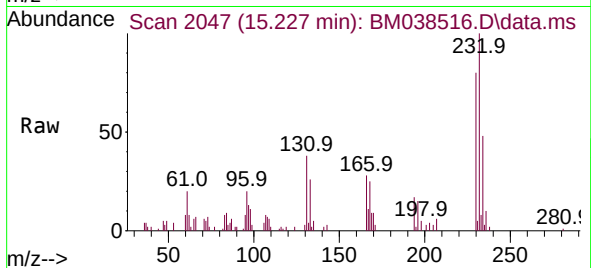
Tgt Ion:166 Resp: 67913
Ion Ratio Lower Upper
166 100
165 107.1 79.6 119.4
167 14.3 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 7.262 ng
RT: 15.227 min Scan# 2047
Delta R.T. 0.000 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

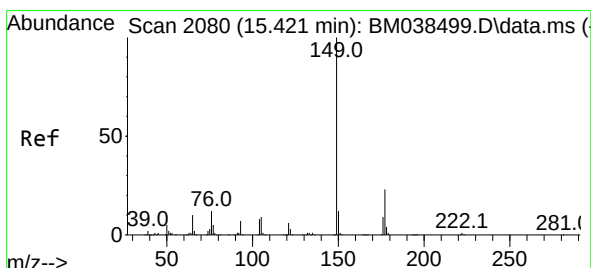
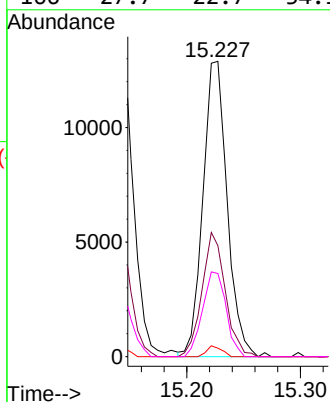
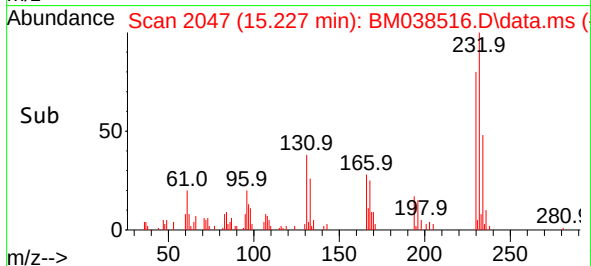
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



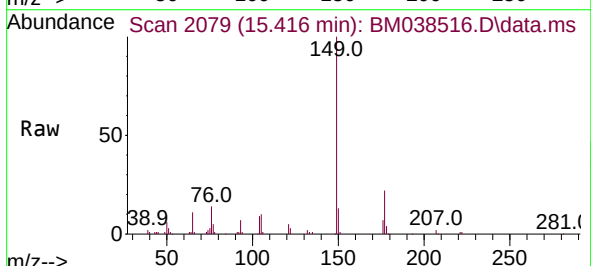
Tgt Ion:232 Resp: 19139
Ion Ratio Lower Upper
232 100
131 40.3 31.0 46.4
130 2.2 1.8 2.6
166 27.7 22.7 34.1

Manual Integrations
APPROVED

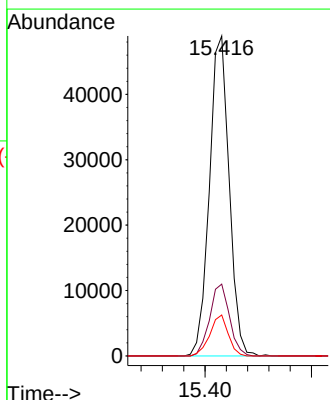
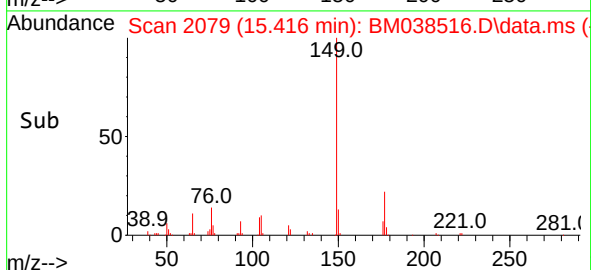
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

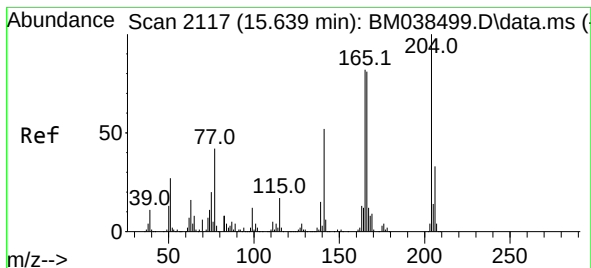


#60
Diethylphthalate
Concen: 7.307 ng
RT: 15.416 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40



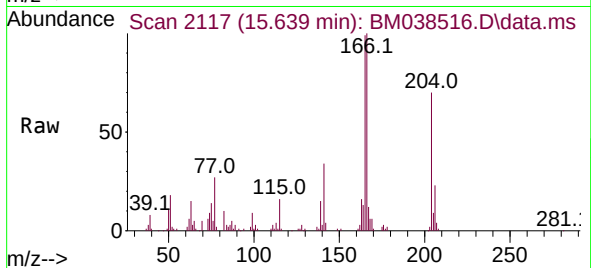
Tgt Ion:149 Resp: 62971
Ion Ratio Lower Upper
149 100
177 22.4 18.6 27.8
150 12.8 9.5 14.3





#61
4-Chlorophenyl-phenylether
Concen: 7.766 ng
RT: 15.639 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

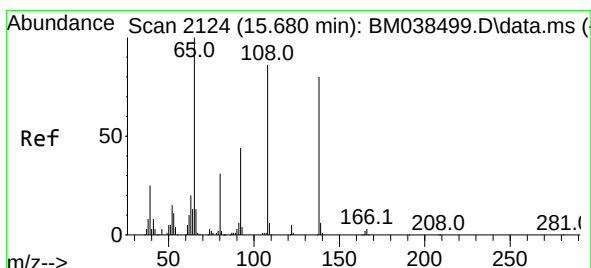
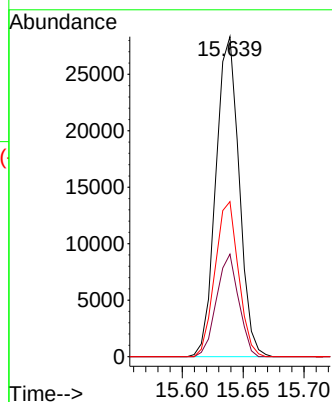
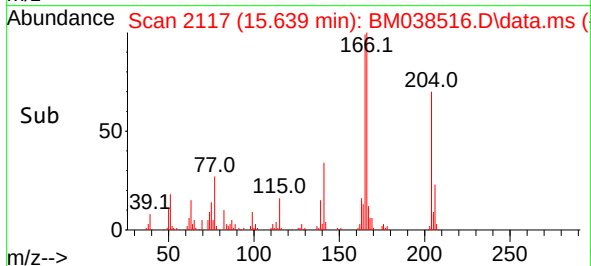
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



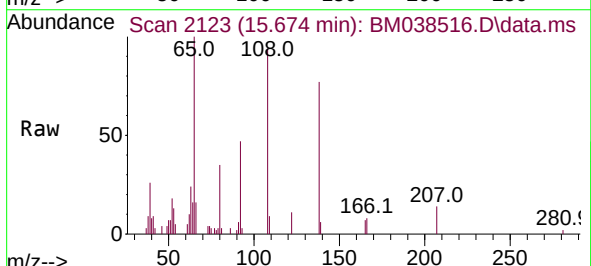
Tgt Ion:204 Resp: 37695
Ion Ratio Lower Upper
204 100
206 32.0 26.2 39.4
141 48.4 41.5 62.3

Manual Integrations
APPROVED

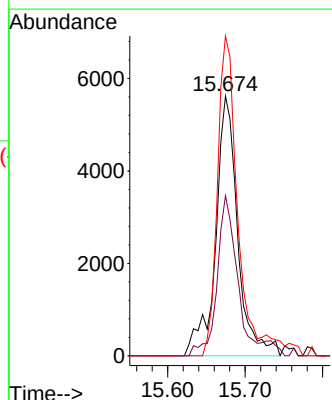
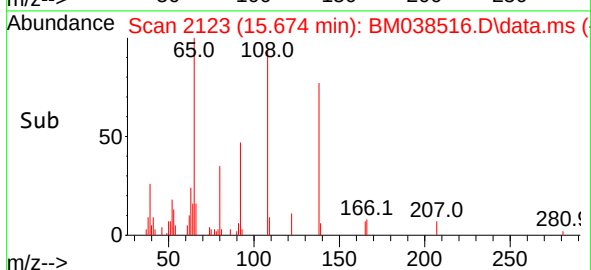
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

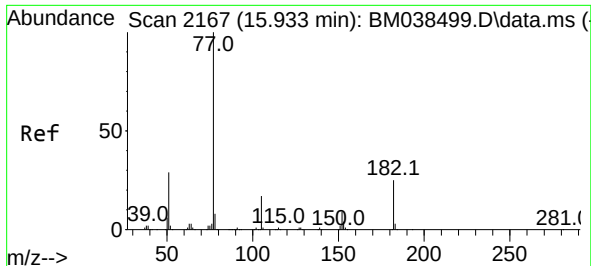


#62
4-Nitroaniline
Concen: 8.296 ng
RT: 15.674 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40



Tgt Ion:138 Resp: 11172
Ion Ratio Lower Upper
138 100
92 61.6 35.2 75.2
108 123.1 87.3 127.3





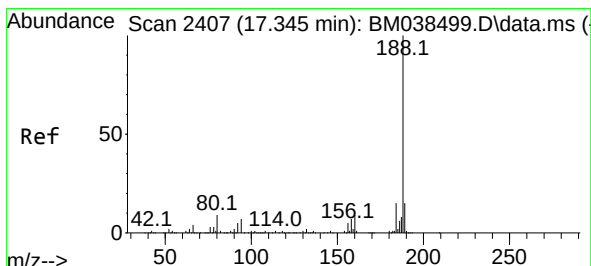
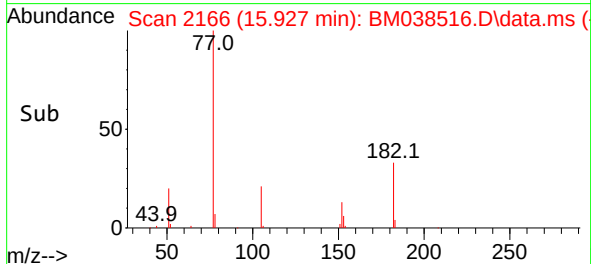
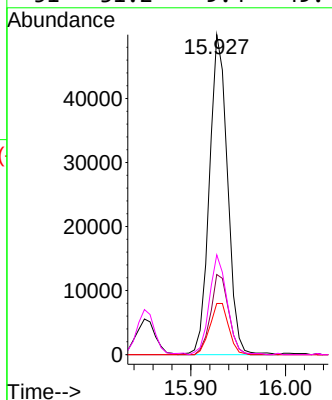
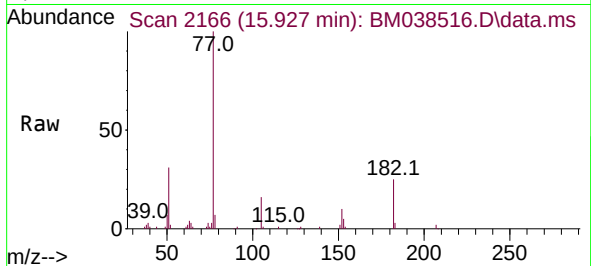
#63
Azobenzene
Concen: 7.275 ng
RT: 15.927 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 77	Resp: 66424
Ion Ratio	Lower Upper
77 100	
182 25.0	4.7 44.7
105 16.0	0.0 36.7
51 31.2	9.4 49.4

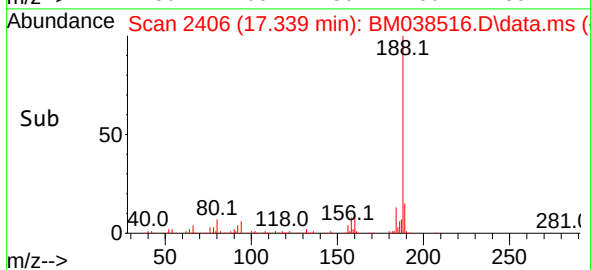
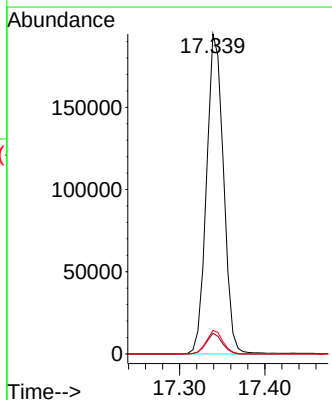
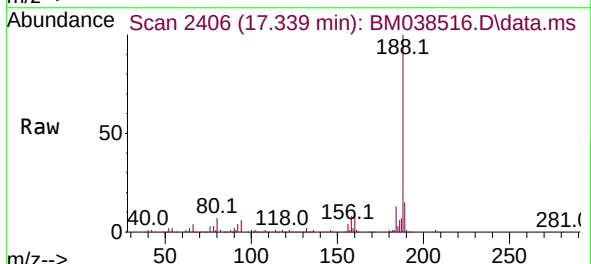
Manual Integrations
APPROVED

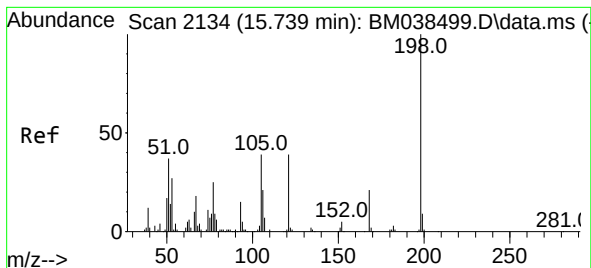
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.339 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Tgt Ion:188	Resp: 269052
Ion Ratio	Lower Upper
188 100	
94 6.4	6.0 9.0
80 7.3	6.9 10.3





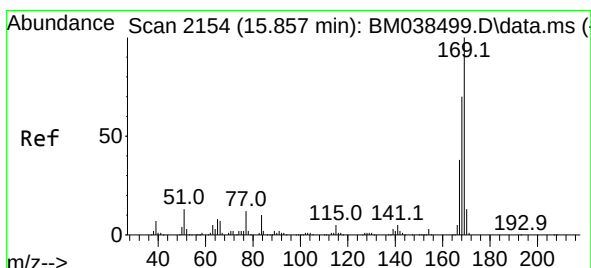
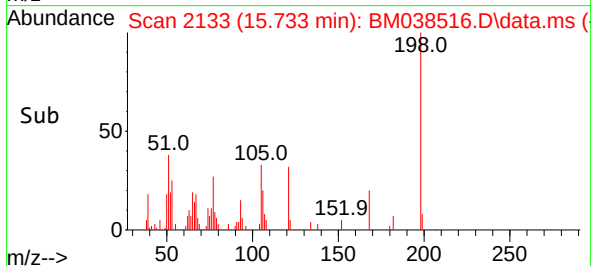
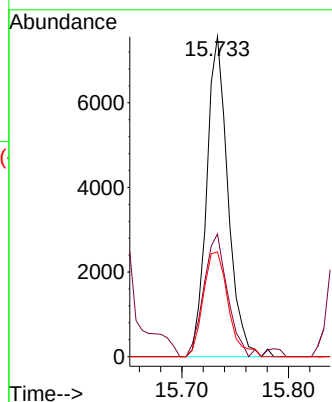
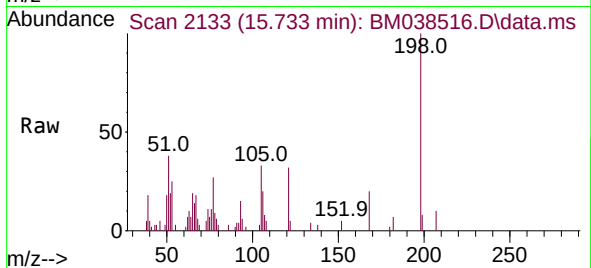
#65
4,6-Dinitro-2-methylphenol
Concen: 6.024 ng
RT: 15.733 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

Tgt Ion:198 Resp: 10521
Ion Ratio Lower Upper
198 100
51 38.3 18.8 58.8
105 32.7 19.7 59.7

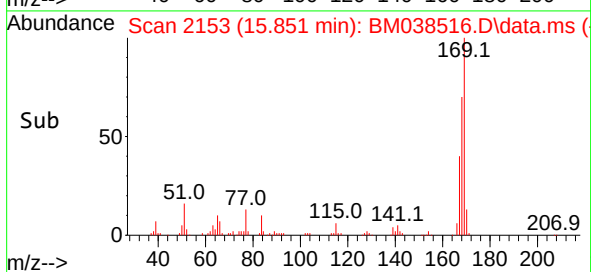
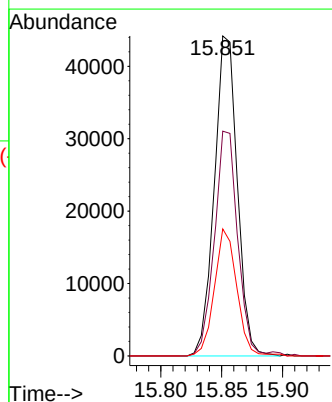
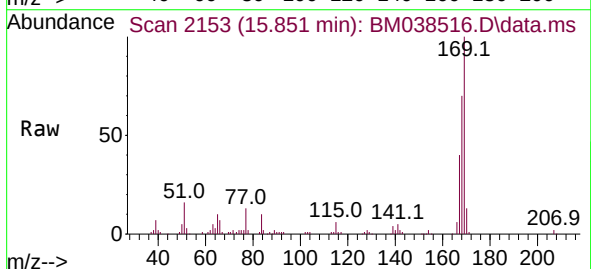
Manual Integrations
APPROVED

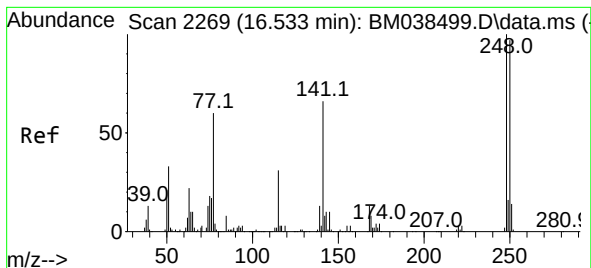
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#66
n-Nitrosodiphenylamine
Concen: 7.187 ng
RT: 15.851 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

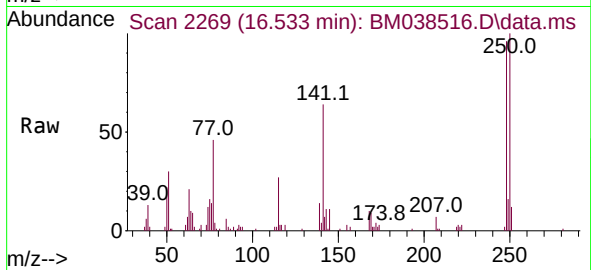
Tgt Ion:169 Resp: 58048
Ion Ratio Lower Upper
169 100
168 70.2 55.8 83.8
167 39.7 30.3 45.5





#67
4-Bromophenyl-phenylether
Concen: 7.463 ng
RT: 16.533 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

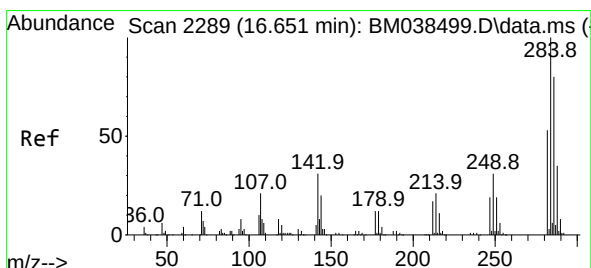
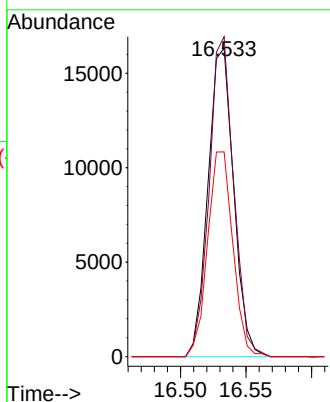
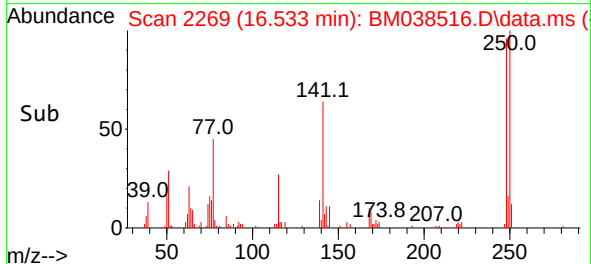
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



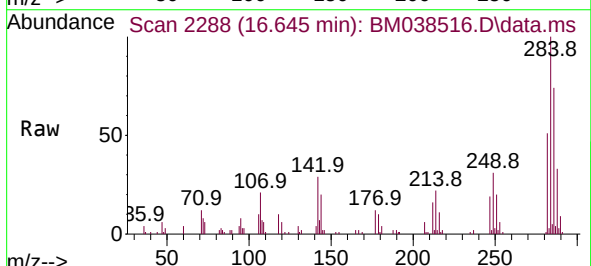
Tgt Ion:248 Resp: 2227
Ion Ratio Lower Upper
248 100
250 103.7 77.6 116.4
141 66.4 52.5 78.7

Manual Integrations
APPROVED

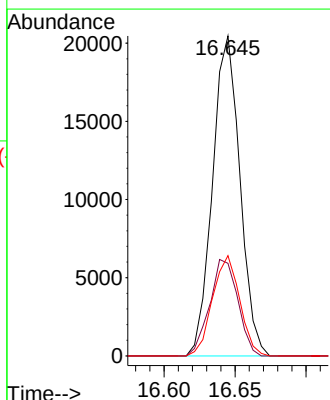
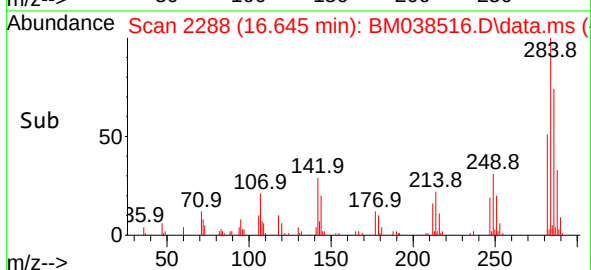
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

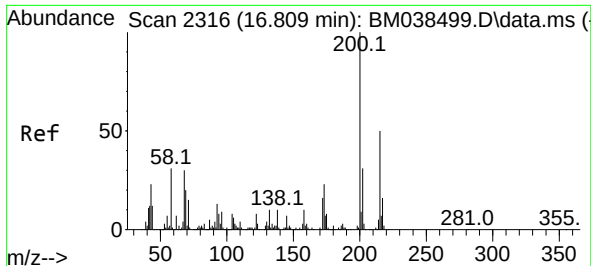


#68
Hexachlorobenzene
Concen: 8.527 ng
RT: 16.645 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40



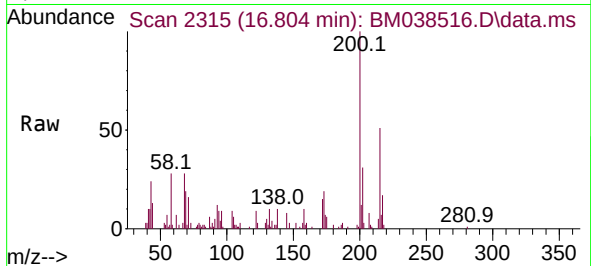
Tgt Ion:284 Resp: 27460
Ion Ratio Lower Upper
284 100
142 28.9 25.2 37.8
249 31.3 24.4 36.6





#69
 Atrazine
 Concen: 7.630 ng
 RT: 16.804 min Scan# 2316
 Delta R.T. -0.006 min
 Lab File: BM038516.D
 Acq: 23 Jan 2023 19:40

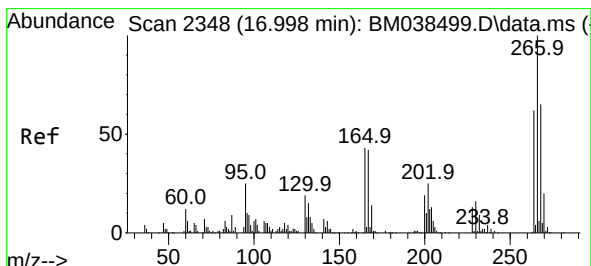
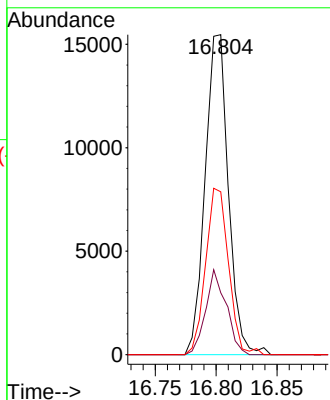
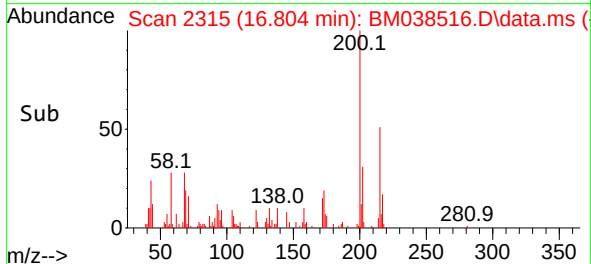
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022



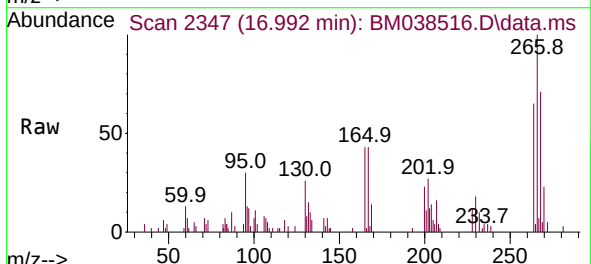
Tgt Ion:200 Resp: 20560
 Ion Ratio Lower Upper
 200 100
 173 19.3 3.5 43.5
 215 50.9 30.0 70.0

Manual Integrations
 APPROVED

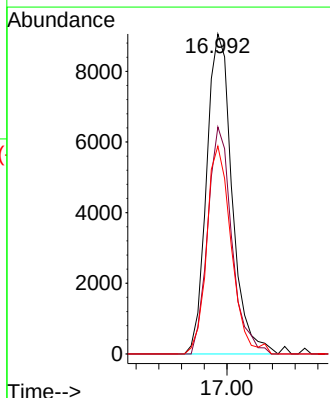
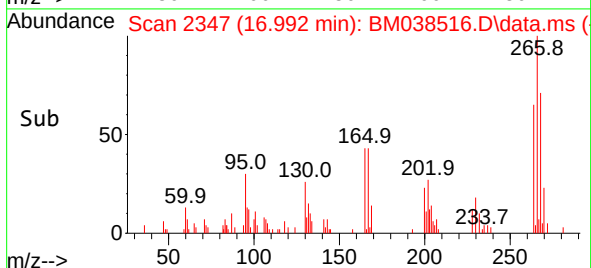
Reviewed By :Christian Giraldo 01/24/2023
 Supervised By :Jagrut Upadhyay 01/24/2023

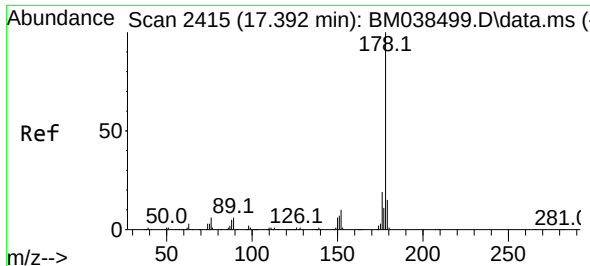


#70
 Pentachlorophenol
 Concen: 6.151 ng
 RT: 16.992 min Scan# 2347
 Delta R.T. -0.006 min
 Lab File: BM038516.D
 Acq: 23 Jan 2023 19:40



Tgt Ion:266 Resp: 14105
 Ion Ratio Lower Upper
 266 100
 268 70.9 51.7 77.5
 264 64.9 49.4 74.0





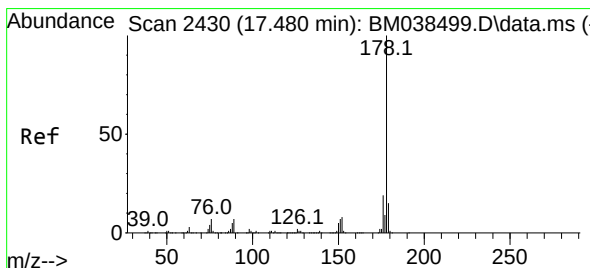
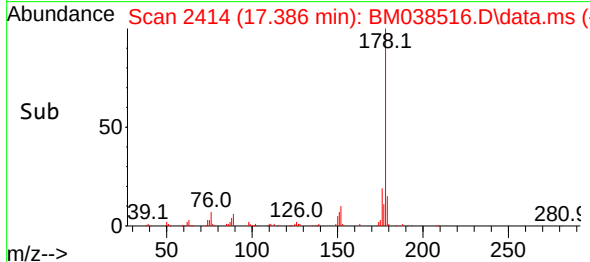
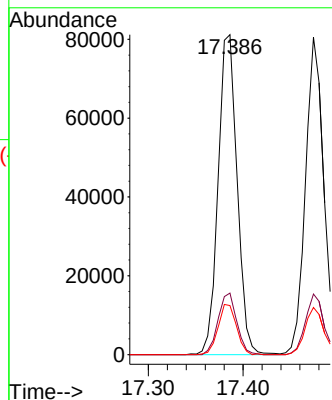
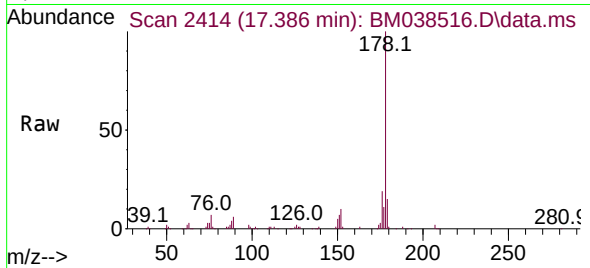
#71
Phenanthrene
Concen: 7.532 ng
RT: 17.386 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:178 Resp: 11317
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.3 12.2 18.4

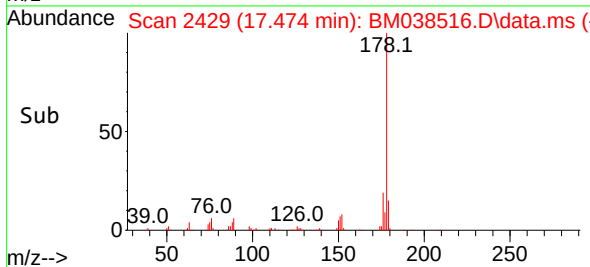
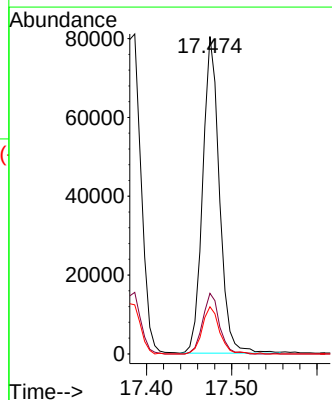
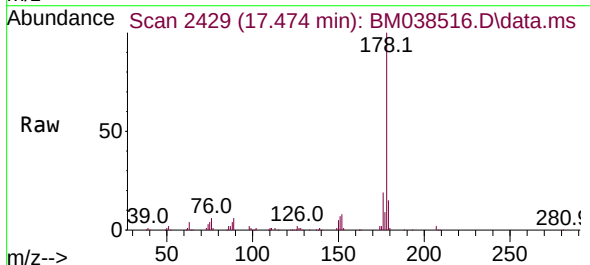
Manual Integrations
APPROVED

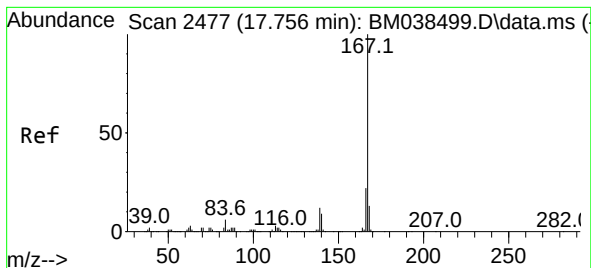
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#72
Anthracene
Concen: 7.163 ng
RT: 17.474 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Tgt Ion:178 Resp: 109518
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.6
179 14.9 12.2 18.4





#73

Carbazole

Concen: 7.214 ng

RT: 17.751 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM038516.D

Acq: 23 Jan 2023 19:40

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

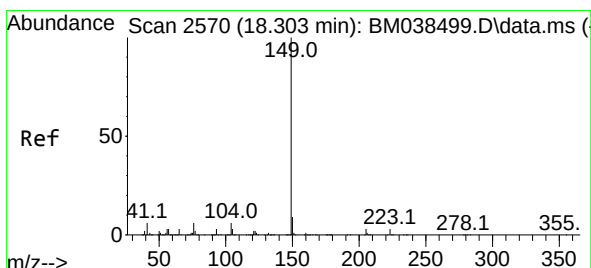
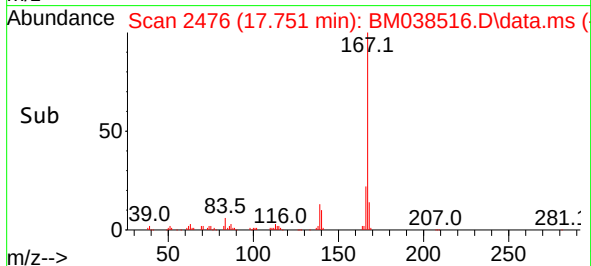
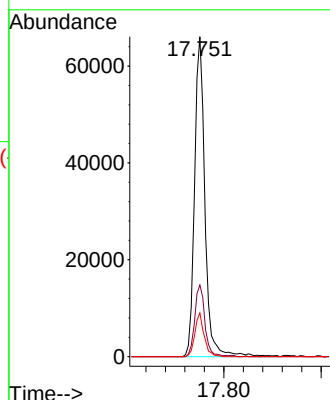
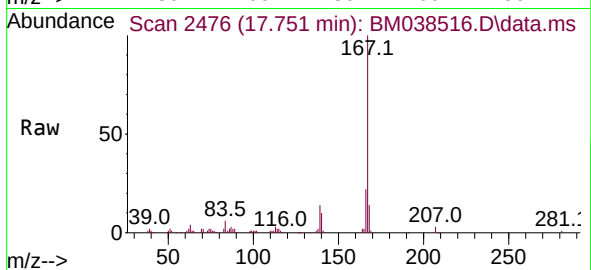
Tgt Ion:167	Resp:	97124
Ion Ratio	Lower	Upper
167	100	
166	22.4	17.7 26.5
139	13.7	9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#74

Di-n-butylphthalate

Concen: 6.535 ng

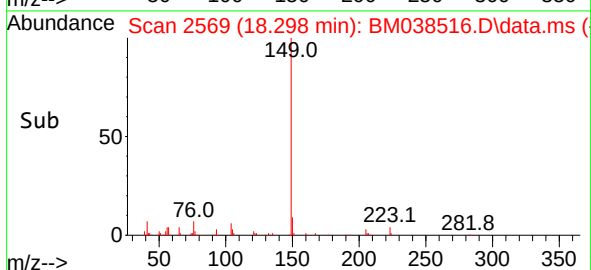
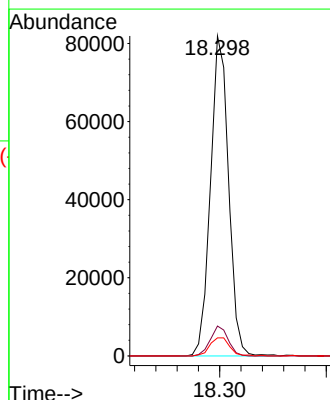
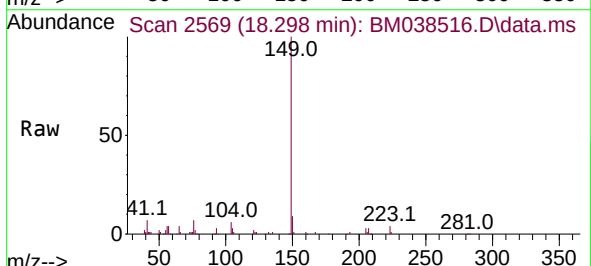
RT: 18.298 min Scan# 2569

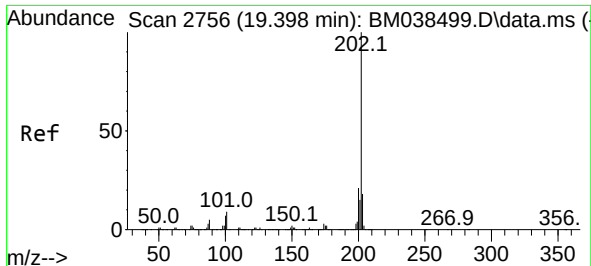
Delta R.T. -0.006 min

Lab File: BM038516.D

Acq: 23 Jan 2023 19:40

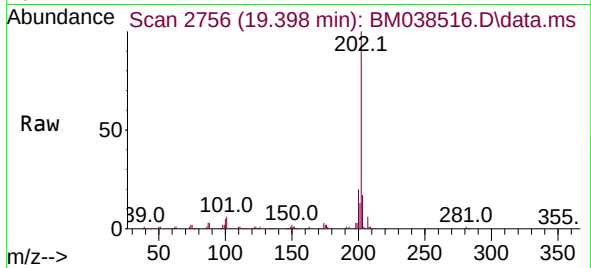
Tgt Ion:149	Resp:	96662
Ion Ratio	Lower	Upper
149	100	
150	9.3	7.4 11.0
104	5.6	4.6 6.8





#75
Fluoranthene
Concen: 7.414 ng
RT: 19.398 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

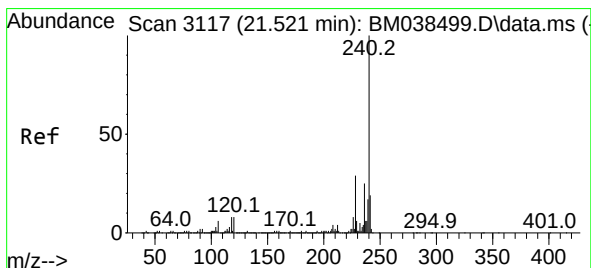
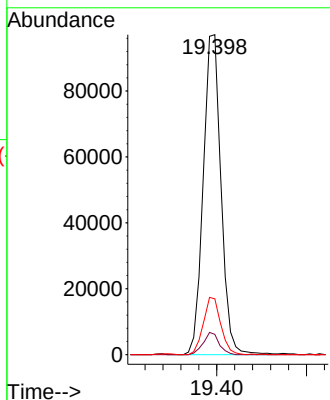
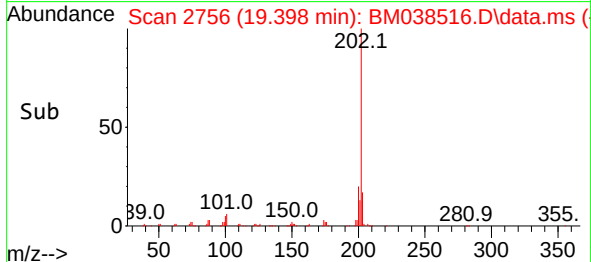
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:202 Resp: 133882
Ion Ratio Lower Upper
202 100
101 6.4 0.0 28.7
203 17.4 0.0 37.6

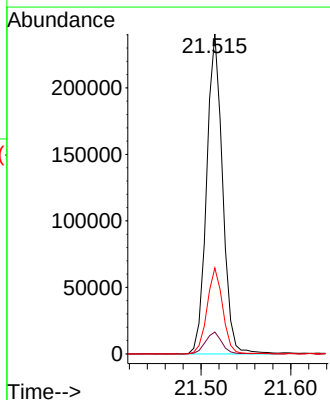
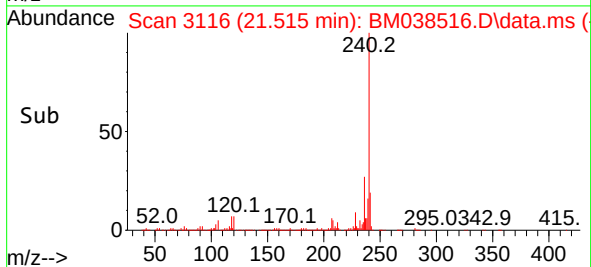
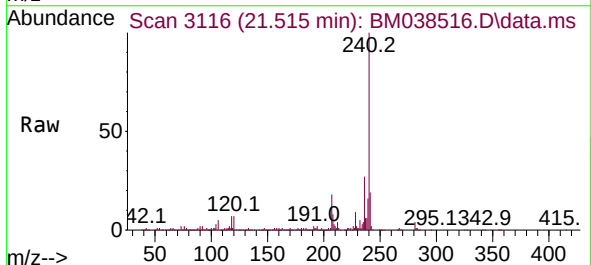
Manual Integrations
APPROVED

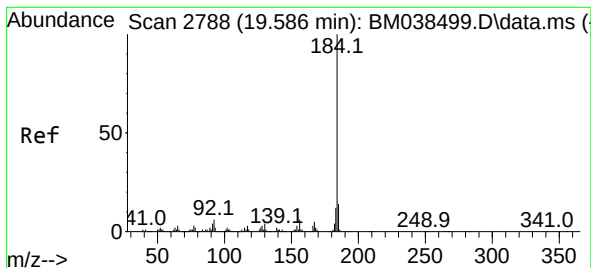
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.515 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Tgt Ion:240 Resp: 296895
Ion Ratio Lower Upper
240 100
120 6.8 6.2 9.2
236 26.9 20.2 30.2





#77

Benzidine

Concen: 8.473 ng

RT: 19.586 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038516.D

Acq: 23 Jan 2023 19:40

Instrument :

BNA_M

ClientSampleId :

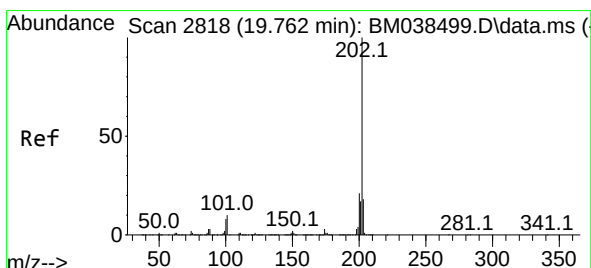
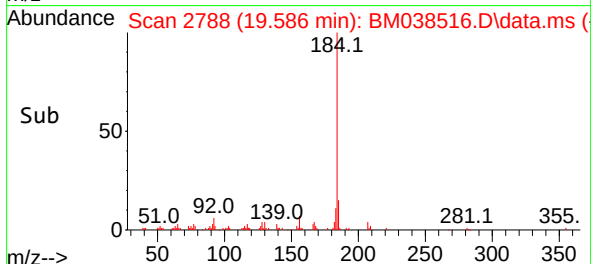
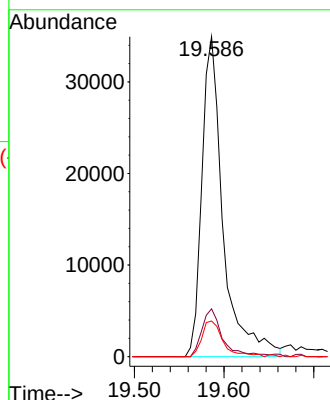
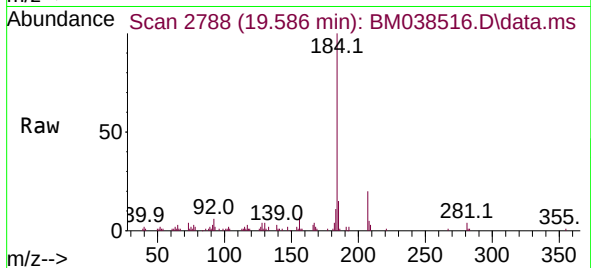
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:184 Resp: 57326
 Ion Ratio Lower Upper
 184 100
 185 14.9 10.9 16.3
 183 11.1 9.3 13.9

Manual Integrations

APPROVED

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



#78

Pyrene

Concen: 6.927 ng

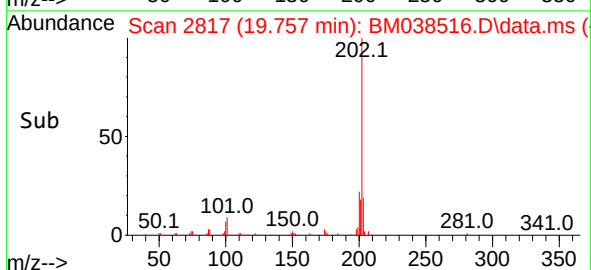
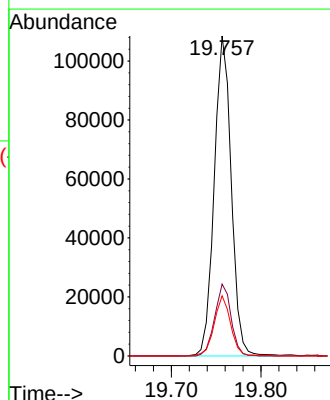
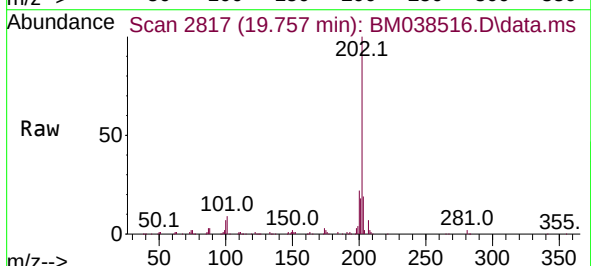
RT: 19.757 min Scan# 2817

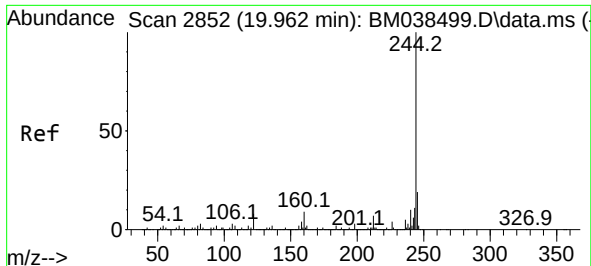
Delta R.T. -0.006 min

Lab File: BM038516.D

Acq: 23 Jan 2023 19:40

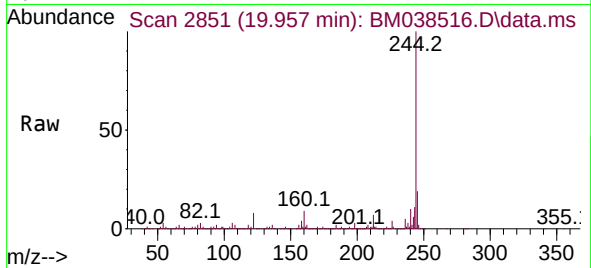
Tgt Ion:202 Resp: 143203
 Ion Ratio Lower Upper
 202 100
 200 22.4 17.0 25.4
 203 18.8 14.2 21.2





#79
 Terphenyl-d14
 Concen: 78.142 ng
 RT: 19.957 min Scan# 2851
 Delta R.T. -0.006 min
 Lab File: BM038516.D
 Acq: 23 Jan 2023 19:40

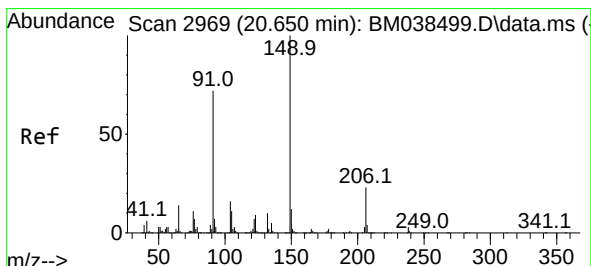
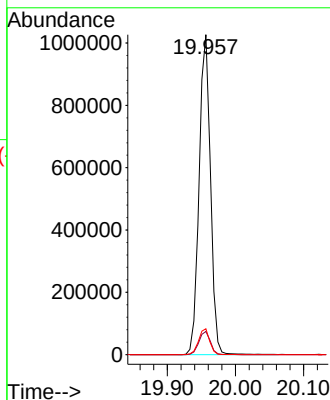
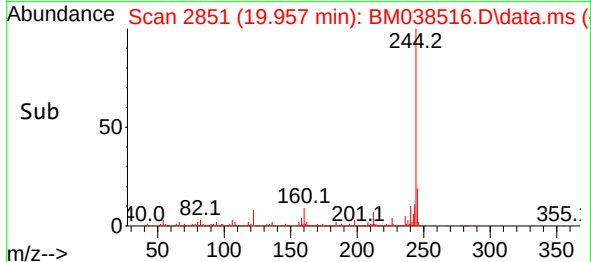
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022



Tgt Ion:244 Resp: 1190035
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 8.1 6.7 10.1

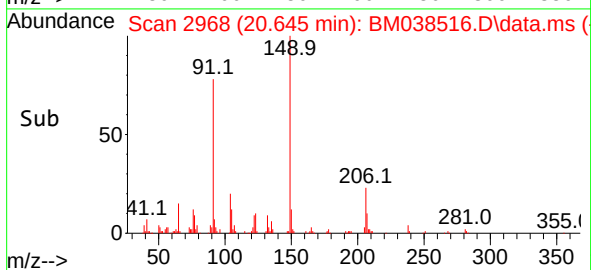
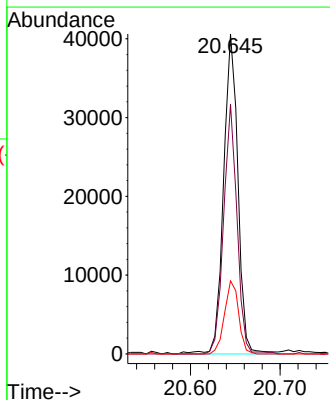
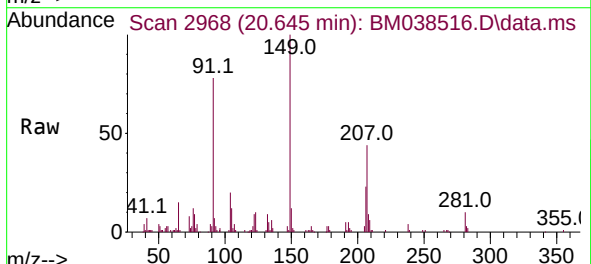
Manual Integrations
 APPROVED

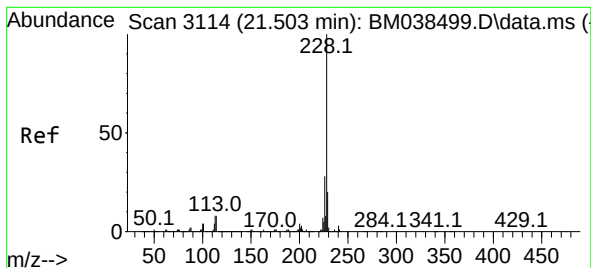
Reviewed By :Christian Giraldo 01/24/2023
 Supervised By :Jagrut Upadhyay 01/24/2023



#80
 Butylbenzylphthalate
 Concen: 6.335 ng
 RT: 20.645 min Scan# 2968
 Delta R.T. -0.006 min
 Lab File: BM038516.D
 Acq: 23 Jan 2023 19:40

Tgt Ion:149 Resp: 45289
 Ion Ratio Lower Upper
 149 100
 91 78.0 57.5 86.3
 206 22.8 18.2 27.2





#81

Benzo(a)anthracene

Concen: 7.722 ng

RT: 21.498 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM038516.D

Acq: 23 Jan 2023 19:40

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

Tgt Ion:228 Resp: 162443

Ion Ratio Lower Upper

228 100

226 27.2 22.2 33.2

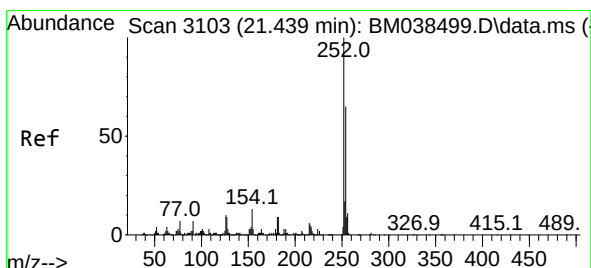
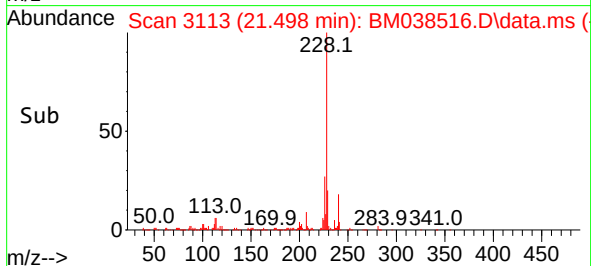
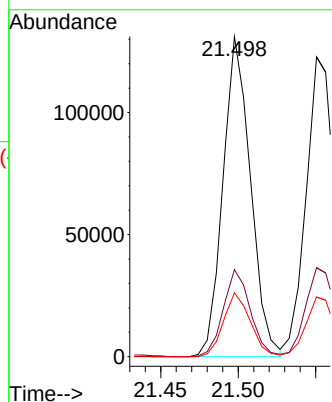
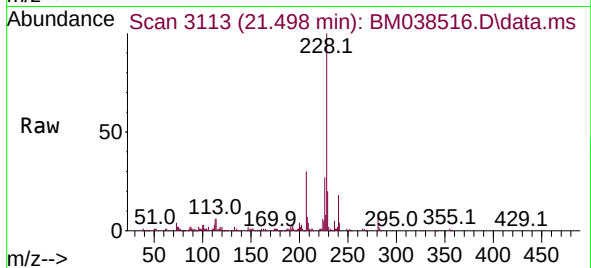
229 19.9 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#82

3,3'-Dichlorobenzidine

Concen: 8.722 ng

RT: 21.433 min Scan# 3102

Delta R.T. -0.006 min

Lab File: BM038516.D

Acq: 23 Jan 2023 19:40

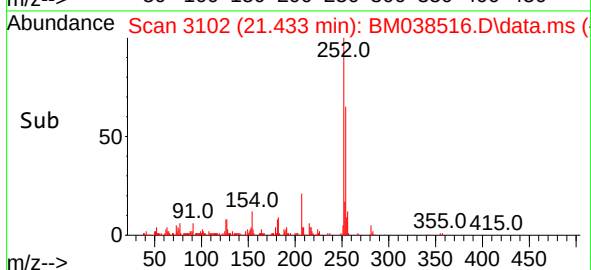
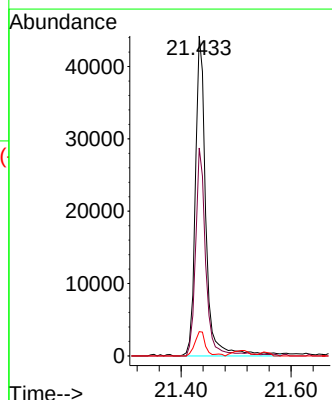
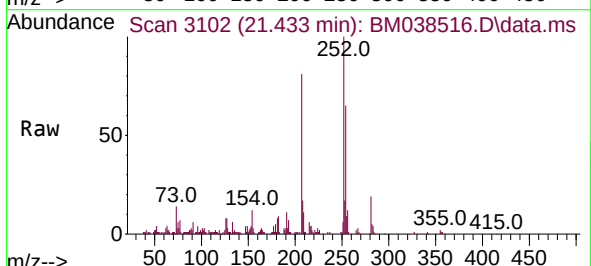
Tgt Ion:252 Resp: 58938

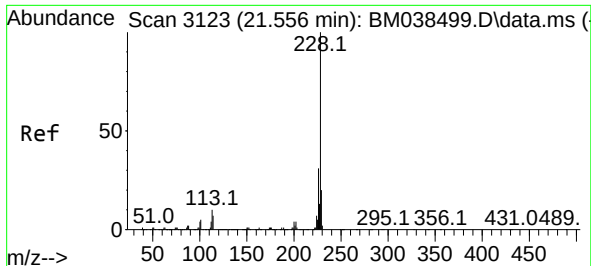
Ion Ratio Lower Upper

252 100

254 65.0 51.9 77.9

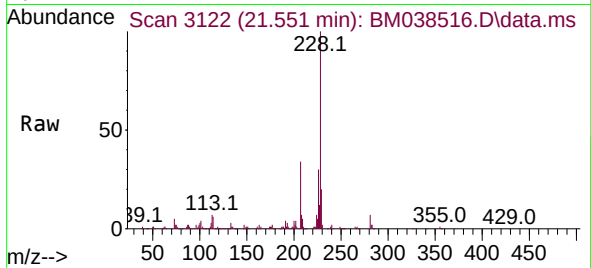
126 7.6 7.7 11.5#





#83
Chrysene
Concen: 7.812 ng
RT: 21.551 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

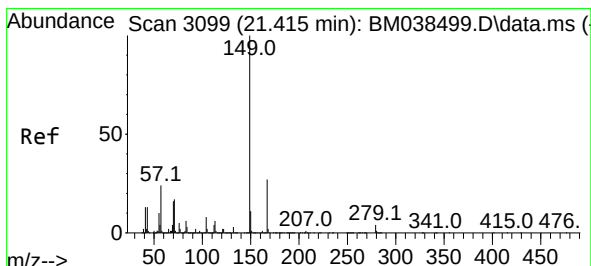
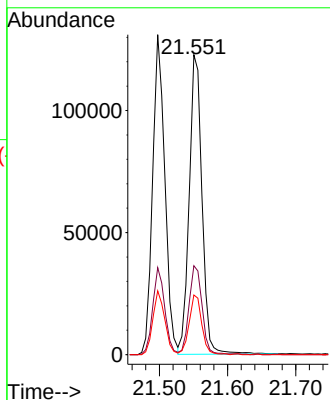
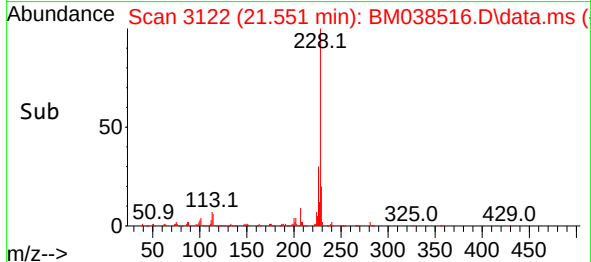
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:228 Resp: 160722
Ion Ratio Lower Upper
228 100
226 29.6 24.4 36.6
229 19.9 15.7 23.5

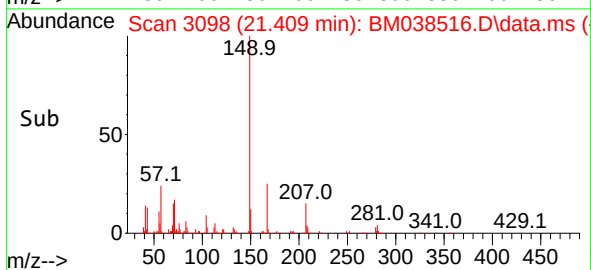
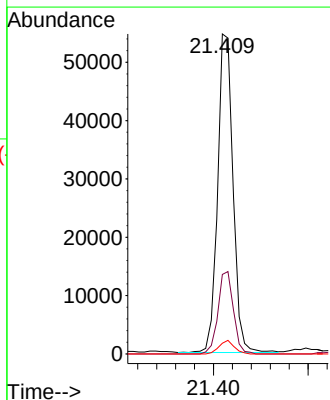
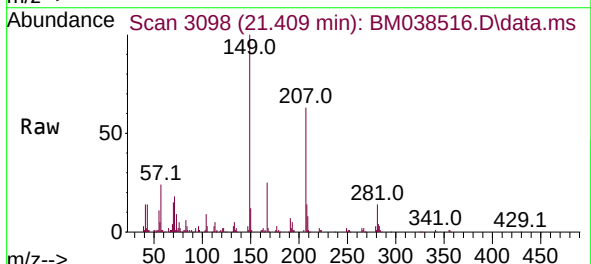
Manual Integrations
APPROVED

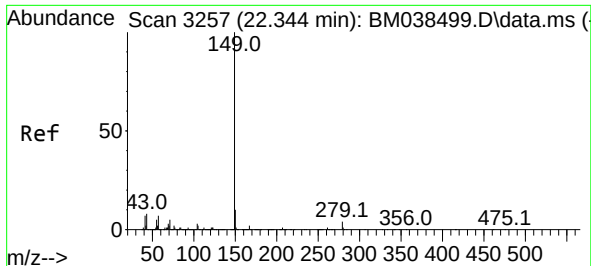
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 5.943 ng
RT: 21.409 min Scan# 3098
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Tgt Ion:149 Resp: 61569
Ion Ratio Lower Upper
149 100
167 24.8 21.3 31.9
279 3.4 3.0 4.4





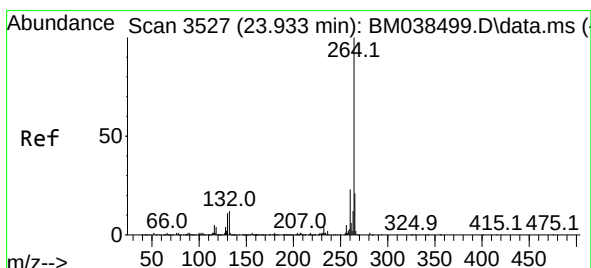
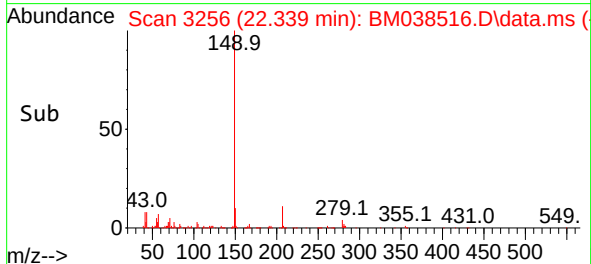
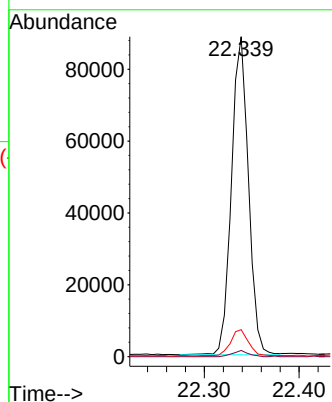
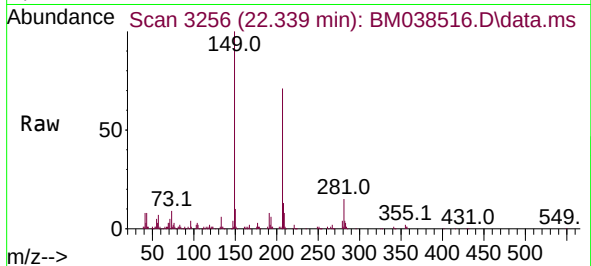
#85
Di-n-octyl phthalate
Concen: 6.010 ng
RT: 22.339 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:149 Resp: 110713
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.6 6.7 10.1

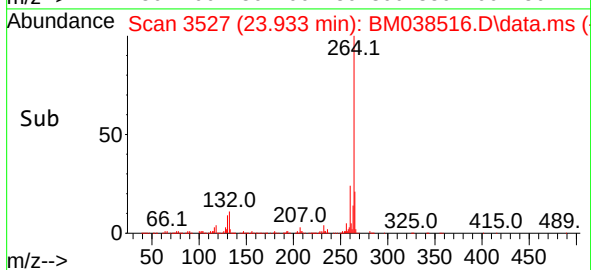
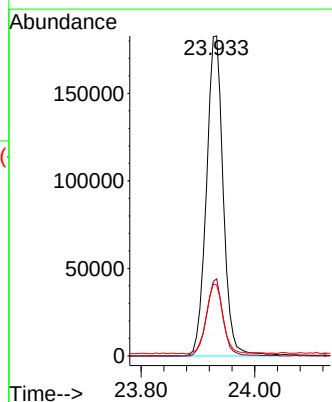
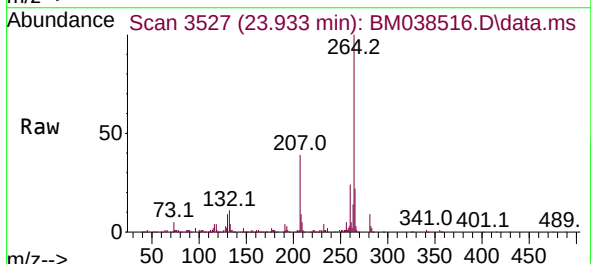
Manual Integrations
APPROVED

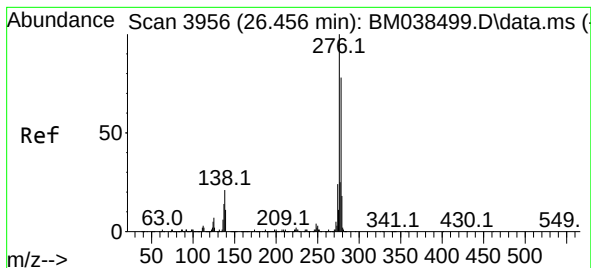
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.933 min Scan# 3527
Delta R.T. 0.000 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

Tgt Ion:264 Resp: 375160
Ion Ratio Lower Upper
264 100
260 24.1 18.5 27.7
265 22.1 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.401 ng

RT: 26.438 min Scan# 3956

Delta R.T. -0.017 min

Lab File: BM038516.D

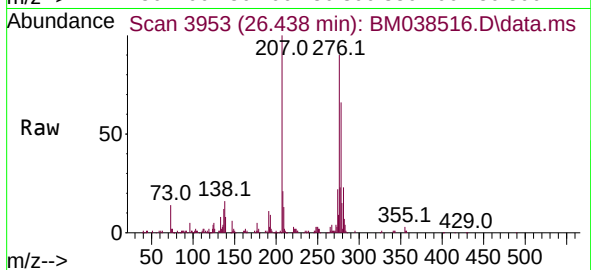
Acq: 23 Jan 2023 19:40

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022



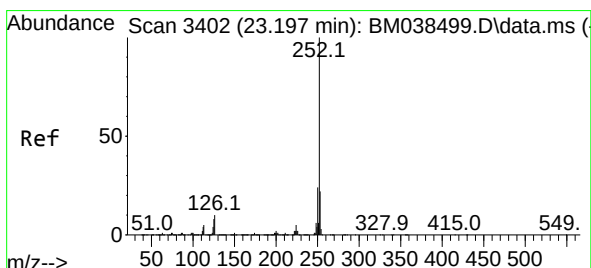
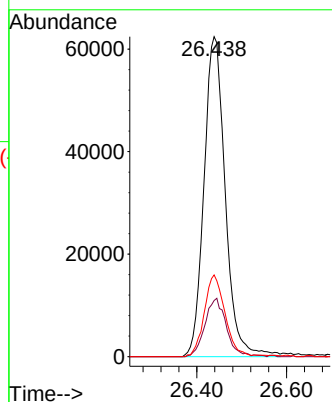
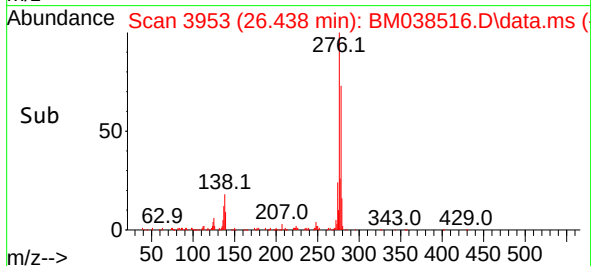
Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.3	15.8	23.8
277	24.9	20.1	30.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#88

Benzo(b)fluoranthene

Concen: 7.734 ng m

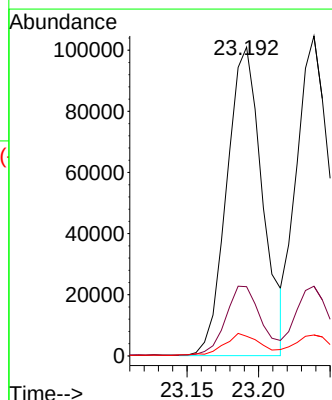
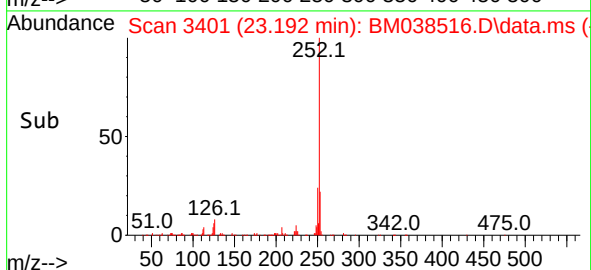
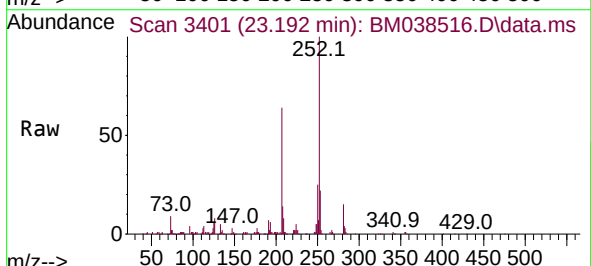
RT: 23.192 min Scan# 3401

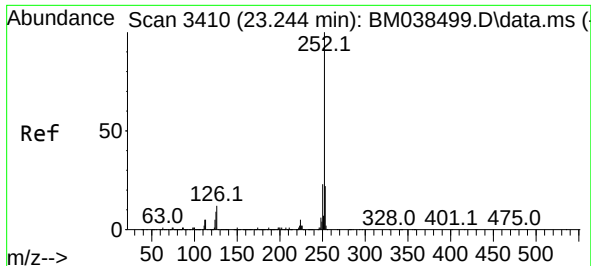
Delta R.T. -0.006 min

Lab File: BM038516.D

Acq: 23 Jan 2023 19:40

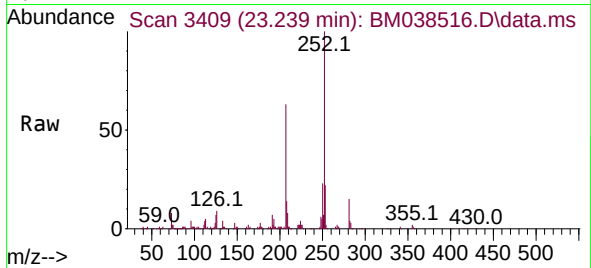
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	6.4	6.4	9.6





#89
Benzo(k)fluoranthene
Concen: 7.564 ng
RT: 23.239 min Scan# 3410
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

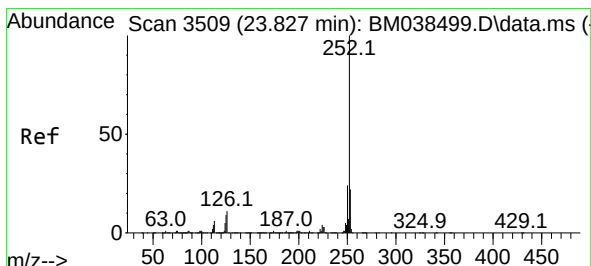
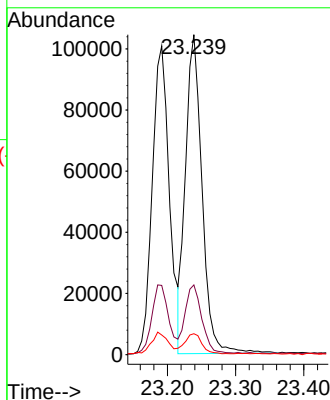
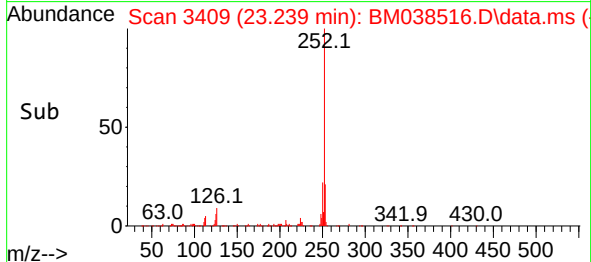
Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



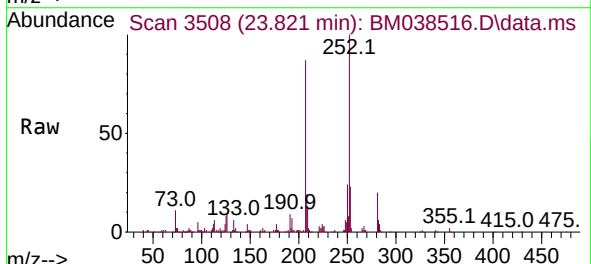
Tgt Ion:252 Resp: 177140
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 6.5 6.8 10.2

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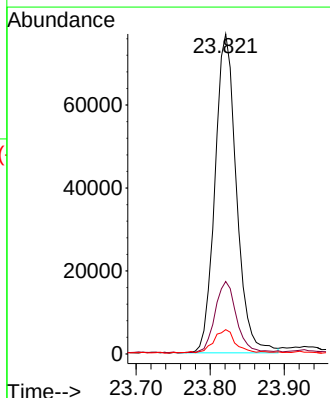
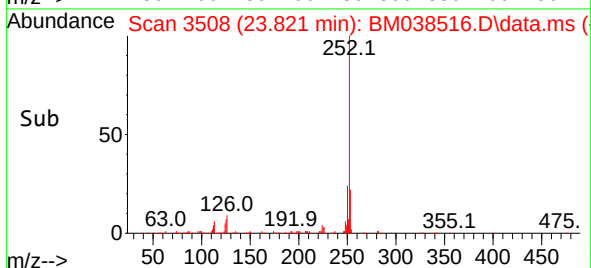
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

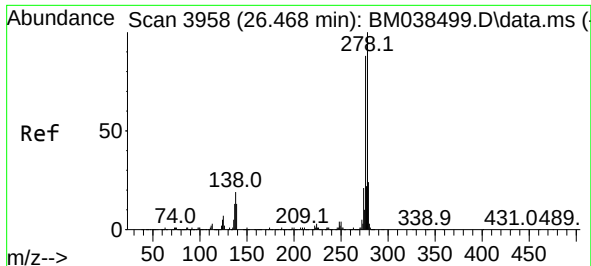


#90
Benzo(a)pyrene
Concen: 6.902 ng
RT: 23.821 min Scan# 3508
Delta R.T. -0.006 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40



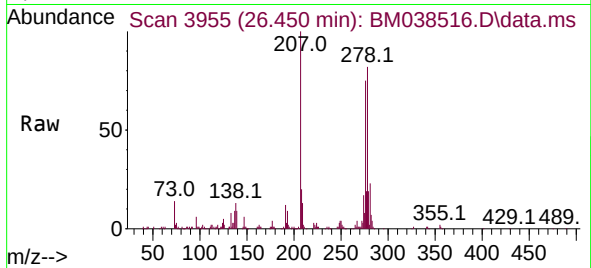
Tgt Ion:252 Resp: 154867
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.0
125 7.6 7.3 10.9





#91
Dibenzo(a,h)anthracene
Concen: 7.676 ng
RT: 26.450 min Scan# 3958
Delta R.T. -0.017 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40

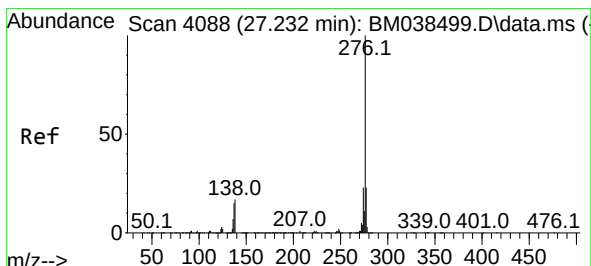
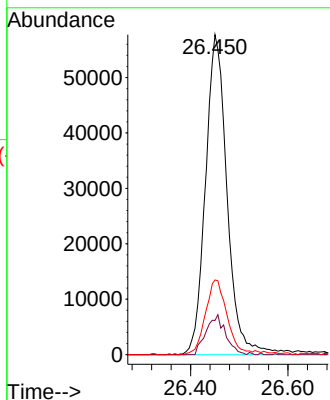
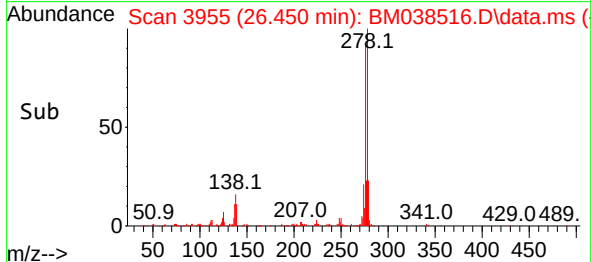
Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



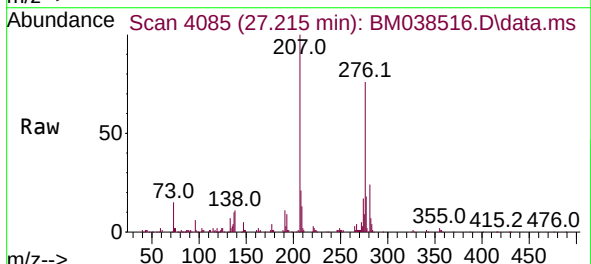
Tgt Ion:278 Resp: 177376
Ion Ratio Lower Upper
278 100
139 10.7 10.3 15.5
279 23.3 19.3 28.9

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 7.831 ng
RT: 27.215 min Scan# 4085
Delta R.T. -0.017 min
Lab File: BM038516.D
Acq: 23 Jan 2023 19:40



Tgt Ion:276 Resp: 185366
Ion Ratio Lower Upper
276 100
277 24.2 18.8 28.2
138 14.9 13.8 20.8

