

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031323\
 Data File : BP014072.D
 Acq On : 13 Mar 2023 20:16
 Operator : CG/JU
 Sample : 01627-07
 Misc : LOD-MDL-WATER 8ppm
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

Quant Time: Mar 14 04:23:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 14 04:15:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/14/2023
 Supervised By : Jagrut Upadhyay 03/14/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	143812	20.000	ng	0.00
21) Naphthalene-d8	10.893	136	498042	20.000	ng	# 0.00
39) Acenaphthene-d10	14.710	164	290011	20.000	ng	0.00
64) Phenanthrene-d10	17.463	188	608318	20.000	ng	# 0.00
76) Chrysene-d12	21.539	240	627795	20.000	ng	0.00
86) Perylene-d12	24.074	264	705838	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.611	112	1052248	118.660	ng	0.00
7) Phenol-d6	7.222	99	1328712	114.124	ng	0.00
23) Nitrobenzene-d5	9.246	82	974496	89.430	ng	0.00
42) 2,4,6-Tribromophenol	16.198	330	501017	106.552	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	1930997	86.264	ng	0.00
79) Terphenyl-d14	19.998	244	2923729	76.794	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.470	88	31868	8.272	ng	96
3) Pyridine	3.899	79	69502m	6.496	ng	
4) n-Nitrosodimethylamine	3.793	42	33442	7.042	ng	# 97
6) Aniline	7.393	93	109811	7.180	ng	98
8) 2-Chlorophenol	7.628	128	69652	7.334	ng	89
9) Benzaldehyde	7.205	77	70035	12.021	ng	96
10) Phenol	7.252	94	93150	7.687	ng	99
11) bis(2-Chloroethyl)ether	7.487	93	71306	7.432	ng	93
12) 1,3-Dichlorobenzene	7.958	146	82903	7.943	ng	98
13) 1,4-Dichlorobenzene	8.105	146	84904	8.041	ng	96
14) 1,2-Dichlorobenzene	8.428	146	80698	7.979	ng	100
15) Benzyl Alcohol	8.316	79	61666	6.496	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.599	45	88175	8.442	ng	97
17) 2-Methylphenol	8.510	107	55874	6.465	ng	95
18) Hexachloroethane	9.157	117	29941	7.548	ng	94
19) n-Nitroso-di-n-propyla...	8.881	70	52263	6.820	ng	98
20) 3+4-Methylphenols	8.846	107	72184	6.202	ng	99
22) Acetophenone	8.905	105	106973	7.657	ng	# 99
24) Nitrobenzene	9.287	77	89540	8.031	ng	95
25) Isophorone	9.810	82	129474	6.448	ng	99
26) 2-Nitrophenol	10.004	139	31742	6.545	ng	99
27) 2,4-Dimethylphenol	10.052	122	57486	7.290	ng	98
28) bis(2-Chloroethoxy)met...	10.293	93	87852	7.560	ng	97
29) 2,4-Dichlorophenol	10.540	162	58466	6.773	ng	98
30) 1,2,4-Trichlorobenzene	10.751	180	73450	7.495	ng	96
31) Naphthalene	10.946	128	207851	7.595	ng	99
32) Benzoic acid	10.140	122	18407m	5.359	ng	
33) 4-Chloroaniline	11.057	127	78052	6.653	ng	95
34) Hexachlorobutadiene	11.222	225	50629	7.106	ng	97
35) Caprolactam	11.828	113	14748m	5.969	ng	
36) 4-Chloro-3-methylphenol	12.169	107	61879	6.428	ng	98
37) 2-Methylnaphthalene	12.546	142	139597	6.914	ng	96
38) 1-Methylnaphthalene	12.763	142	129870	6.901	ng	97
40) 1,2,4,5-Tetrachloroben...	12.904	216	84020	7.601	ng	98
41) Hexachlorocyclopentadiene	12.881	237	46068	6.640	ng	97
43) 2,4,6-Trichlorophenol	13.145	196	46378	6.637	ng	97

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 ClientSampleId :
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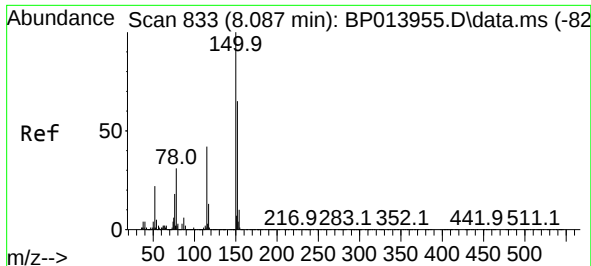
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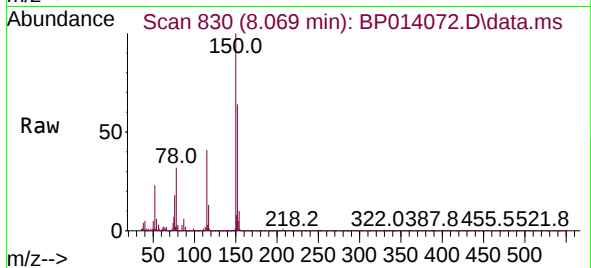
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.222	196	50468	6.233	ng	99
46) 1,1'-Biphenyl	13.540	154	185489	7.946	ng	97
47) 2-Chloronaphthalene	13.587	162	140615	7.825	ng	99
48) 2-Nitroaniline	13.793	65	34632	6.350	ng	91
49) Acenaphthylene	14.428	152	201904	7.065	ng	99
50) Dimethylphthalate	14.157	163	164029	6.856	ng	99
51) 2,6-Dinitrotoluene	14.281	165	32013	6.354	ng	90
52) Acenaphthene	14.769	154	128862	7.491	ng	99
53) 3-Nitroaniline	14.616	138	29773	6.030	ng	93
54) 2,4-Dinitrophenol	14.834	184	14071	6.700	ng	# 86
55) Dibenzofuran	15.104	168	210409	7.502	ng	97
56) 4-Nitrophenol	14.928	139	19873	4.942	ng	92
57) 2,4-Dinitrotoluene	15.069	165	40078	5.951	ng	93
58) Fluorene	15.757	166	164133	7.370	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.334	232	44421m	6.289	ng	
60) Diethylphthalate	15.516	149	156277	6.616	ng	98
61) 4-Chlorophenyl-phenyle...	15.745	204	87122	6.901	ng	98
62) 4-Nitroaniline	15.781	138	28797	5.857	ng	89
63) Azobenzene	16.039	77	154480	7.067	ng	97
65) 4,6-Dinitro-2-methylph...	15.834	198	22921	5.087	ng	97
66) n-Nitrosodiphenylamine	15.957	169	136513	7.102	ng	99
67) 4-Bromophenyl-phenylether	16.645	248	51463	6.396	ng	96
68) Hexachlorobenzene	16.763	284	62973	7.301	ng	98
69) Atrazine	16.910	200	48555	7.195	ng	97
70) Pentachlorophenol	17.116	266	32211	5.178	ng	97
71) Phenanthrene	17.504	178	253411	7.457	ng	99
72) Anthracene	17.598	178	244095	7.030	ng	99
73) Carbazole	17.863	167	217488	7.261	ng	99
74) Di-n-butylphthalate	18.392	149	236094	6.304	ng	98
75) Fluoranthene	19.457	202	289857	7.136	ng	98
77) Benzidine	19.639	184	135710	11.818	ng	99
78) Pyrene	19.810	202	314299	6.523	ng	99
80) Butylbenzylphthalate	20.669	149	104939	5.744	ng	97
81) Benzo(a)anthracene	21.522	228	329375	7.150	ng	98
82) 3,3'-Dichlorobenzidine	21.451	252	119306	8.094	ng	98
83) Chrysene	21.580	228	327702	7.512	ng	98
84) Bis(2-ethylhexyl)phtha...	21.422	149	154232	5.755	ng	99
85) Di-n-octyl phthalate	22.386	149	269279	6.190	ng	97
87) Indeno(1,2,3-cd)pyrene	26.733	276	412410	7.562	ng	98
88) Benzo(b)fluoranthene	23.292	252	333518	7.216	ng	# 97
89) Benzo(k)fluoranthene	23.345	252	339239	7.403	ng	# 99
90) Benzo(a)pyrene	23.957	252	286194	6.492	ng	98
91) Dibenzo(a,h)anthracene	26.757	278	342812	7.561	ng	# 97
92) Benzo(g,h,i)perylene	27.556	276	342964	7.633	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.069 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

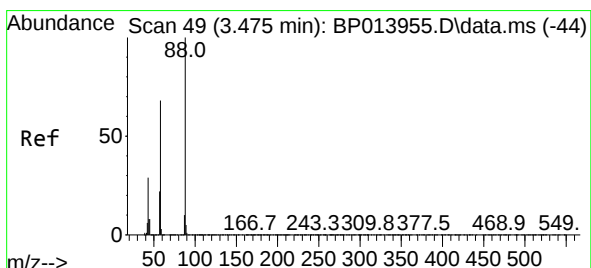
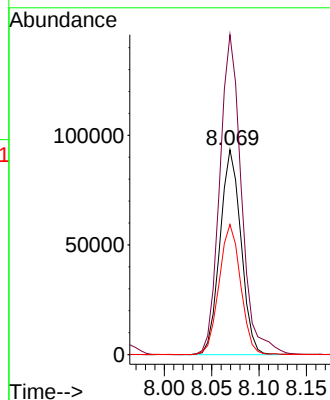
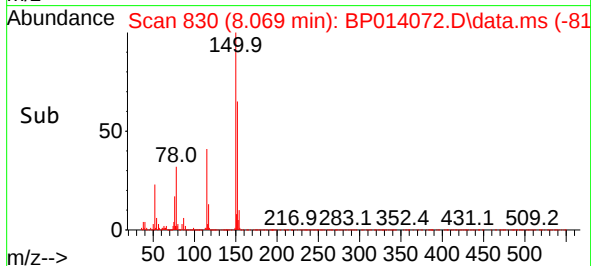
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



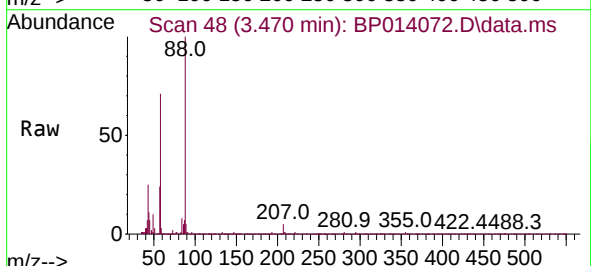
Tgt Ion:152 Resp: 143812
Ion Ratio Lower Upper
152 100
150 156.2 122.3 183.5
115 63.5 51.6 77.4

Manual Integrations
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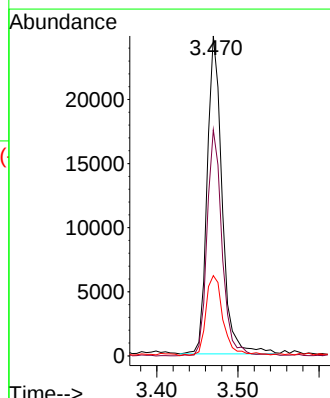
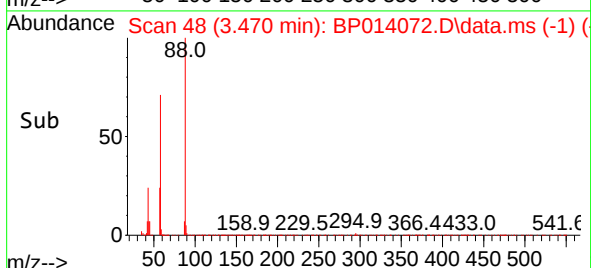
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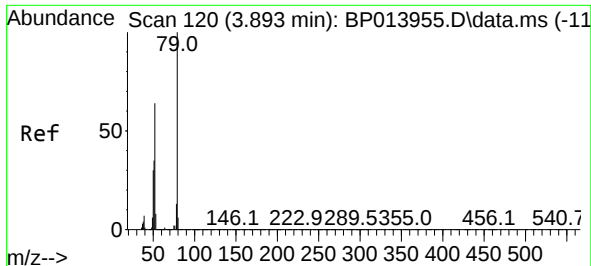


#2
1,4-Dioxane
Concen: 8.272 ng
RT: 3.470 min Scan# 48
Delta R.T. 0.000 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16



Tgt Ion: 88 Resp: 31868
Ion Ratio Lower Upper
88 100
58 70.9 53.8 80.8
43 29.3 22.1 33.1





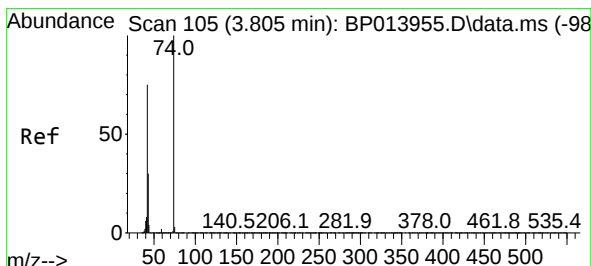
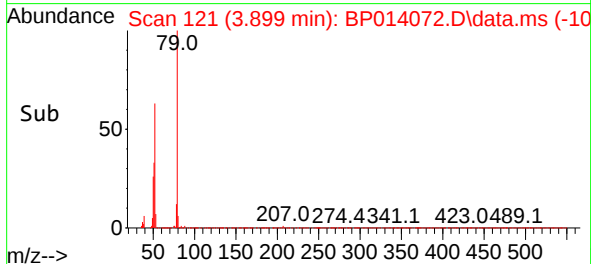
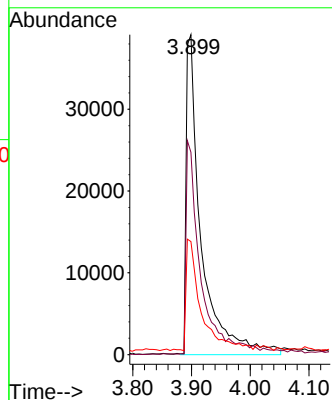
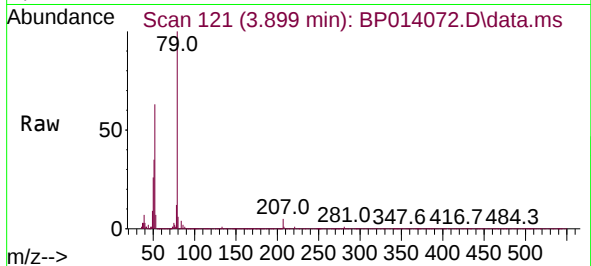
#3
Pyridine
Concen: 6.496 ng m
RT: 3.899 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 79 Resp: 69502
Ion Ratio Lower Upper
79 100
52 63.2 51.0 76.4
51 35.3 28.2 42.2

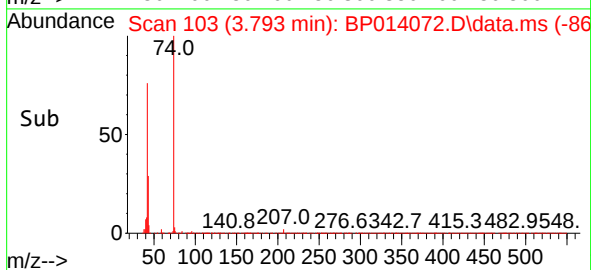
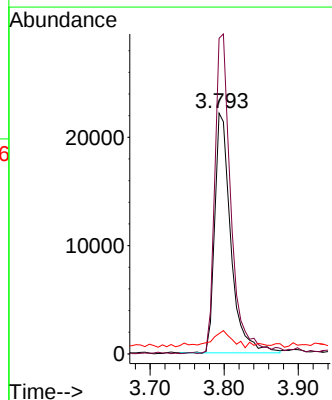
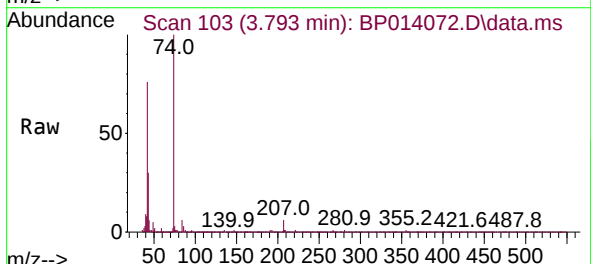
Manual Integrations
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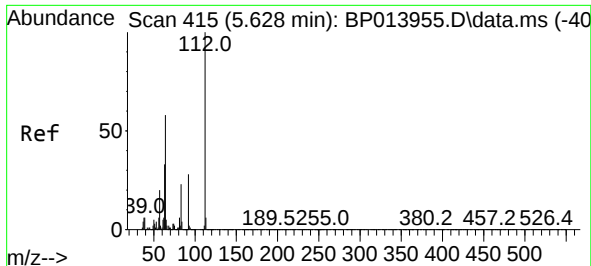
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#4
n-Nitrosodimethylamine
Concen: 7.042 ng
RT: 3.793 min Scan# 103
Delta R.T. 0.000 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Tgt Ion: 42 Resp: 33442
Ion Ratio Lower Upper
42 100
74 131.1 107.0 160.6
44 8.4 4.5 6.7#





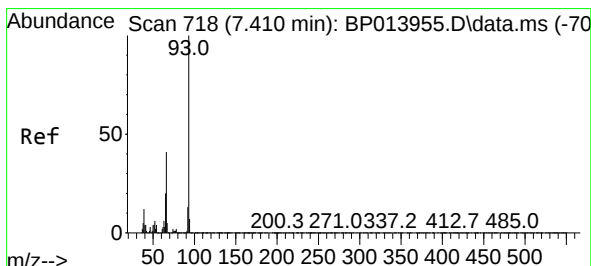
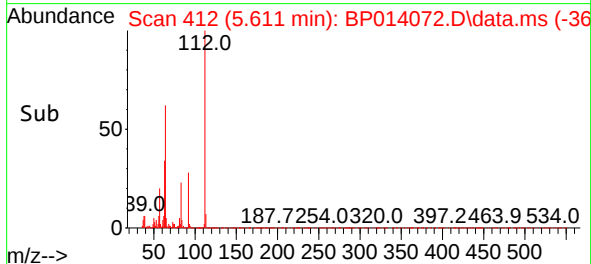
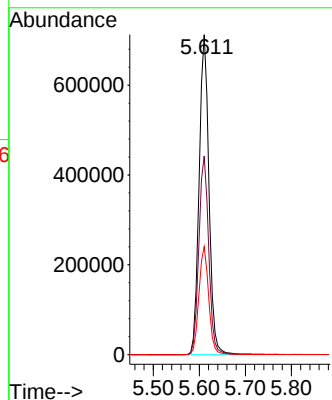
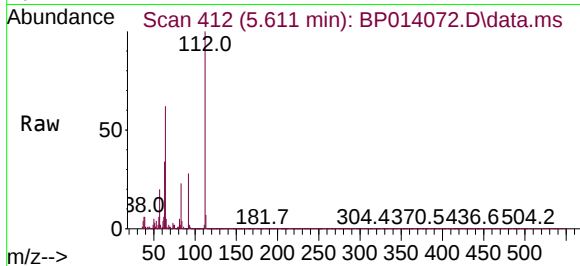
#5
2-Fluorophenol
Concen: 118.660 ng
RT: 5.611 min Scan# 411
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:112 Resp: 1052248
Ion Ratio Lower Upper
112 100
64 62.0 46.7 70.1
63 33.7 26.6 40.0

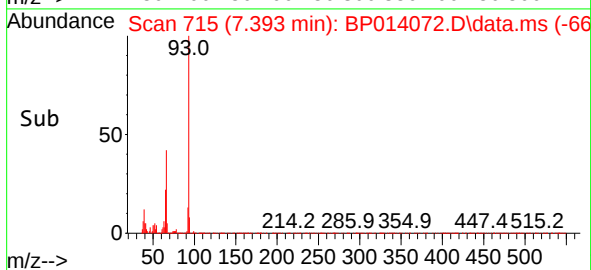
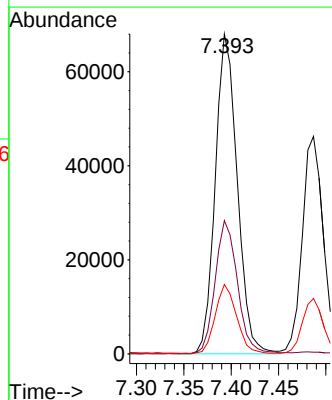
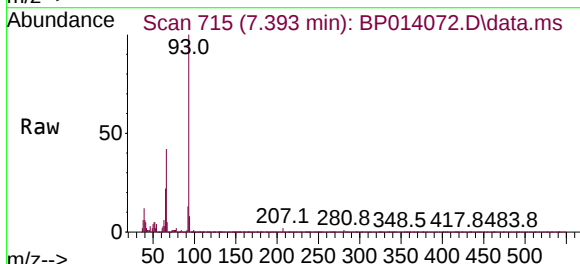
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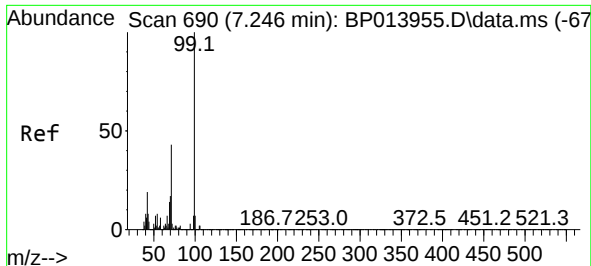
Reviewed By :Christian Giraldo 03/14/2023
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#6
Aniline
Concen: 7.180 ng
RT: 7.393 min Scan# 715
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

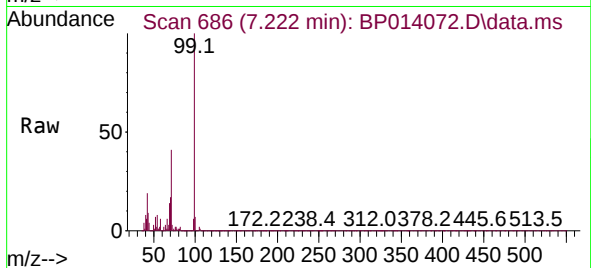
Tgt Ion: 93 Resp: 109811
Ion Ratio Lower Upper
93 100
66 41.6 32.6 48.8
65 21.7 16.0 24.0





#7
Phenol-d6
Concen: 114.124 ng
RT: 7.222 min Scan# 686
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

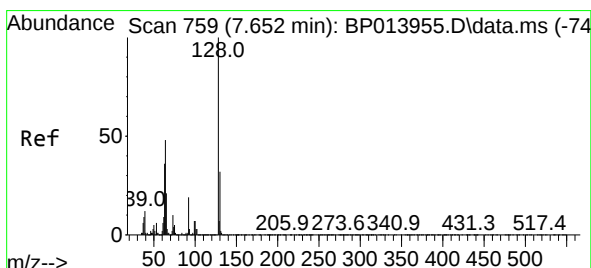
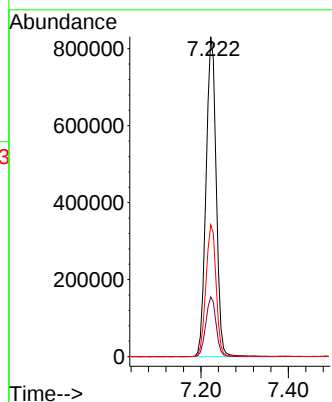
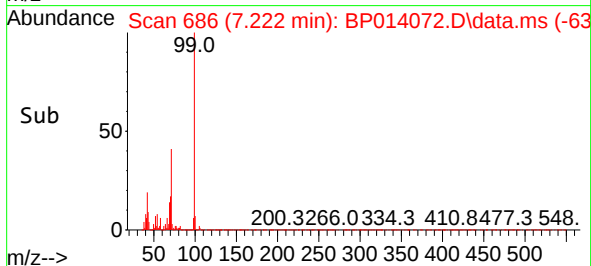
Instrument :
BNA_P
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Tgt Ion: 99 Resp: 1328712
Ion Ratio Lower Upper
99 100
42 18.7 15.0 22.6
71 41.2 34.3 51.5

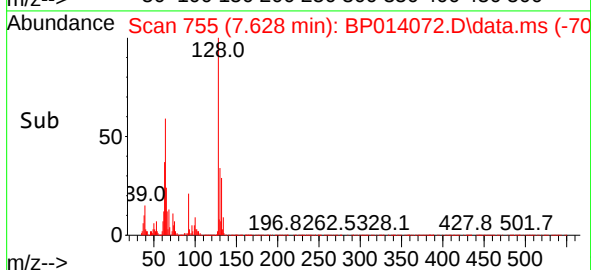
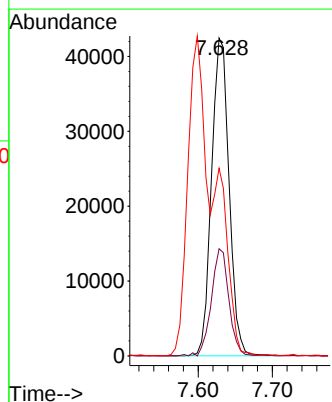
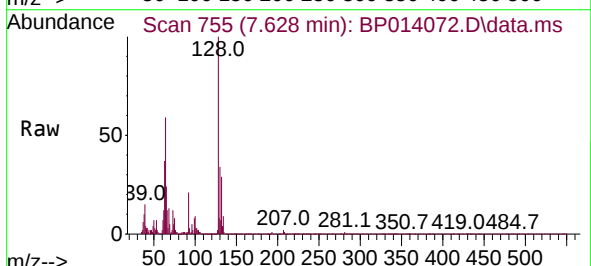
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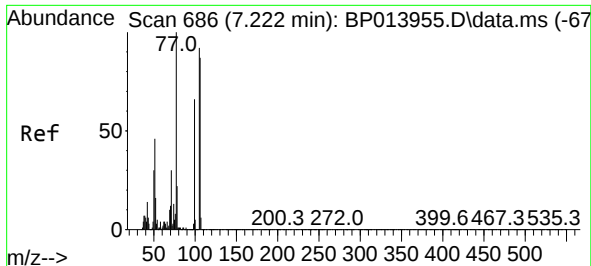
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#8
2-Chlorophenol
Concen: 7.334 ng
RT: 7.628 min Scan# 755
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

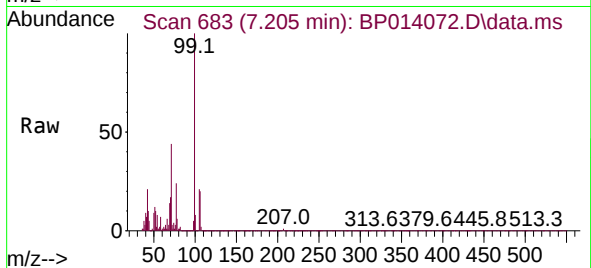
Tgt Ion:128 Resp: 69652
Ion Ratio Lower Upper
128 100
130 33.7 12.3 52.3
64 59.1 27.6 67.6





#9
Benzaldehyde
Concen: 12.021 ng
RT: 7.205 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

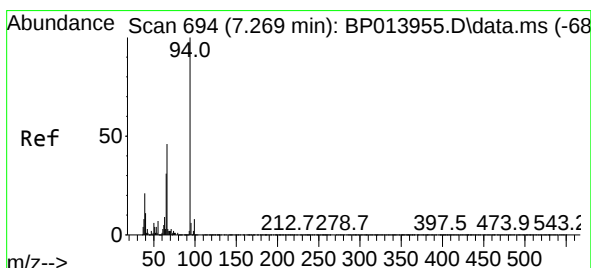
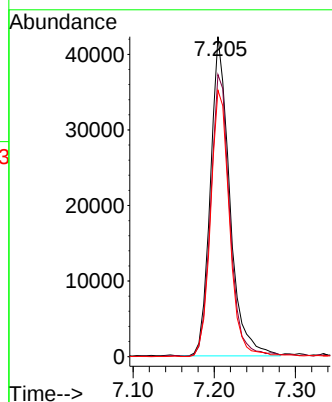
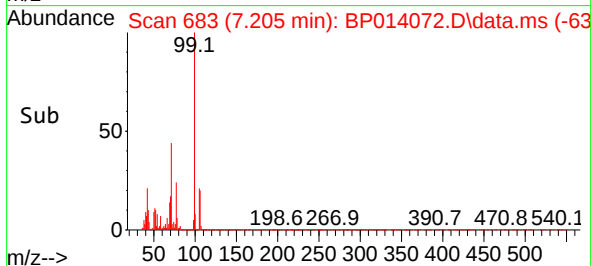
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 77 Resp: 70035
Ion Ratio Lower Upper
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105 88.1 72.4 112.4
106 83.2 66.9 106.9

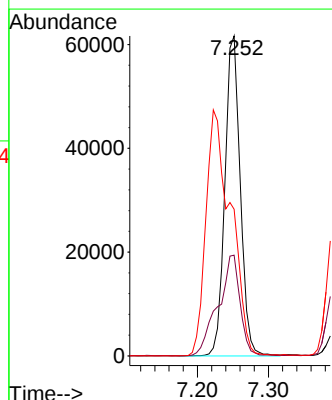
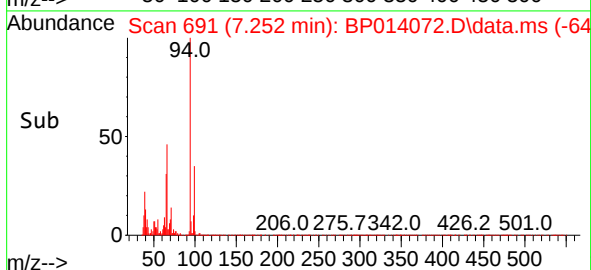
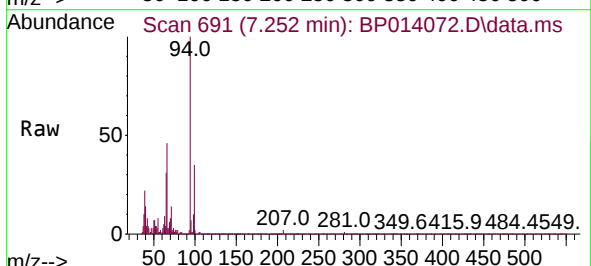
Manual Integrations
APPROVED

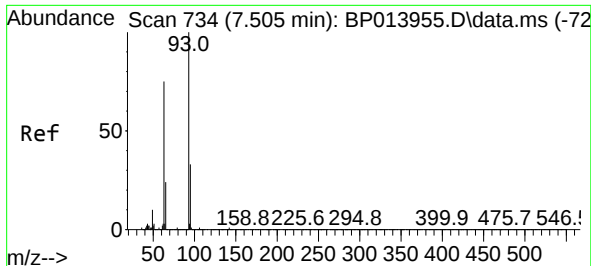
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#10
Phenol
Concen: 7.687 ng
RT: 7.252 min Scan# 691
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Tgt Ion: 94 Resp: 93150
Ion Ratio Lower Upper
94 100
65 31.5 10.9 50.9
66 45.8 26.1 66.1





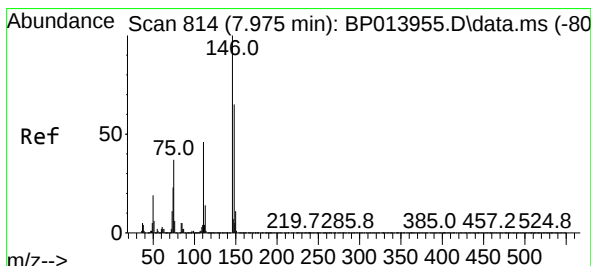
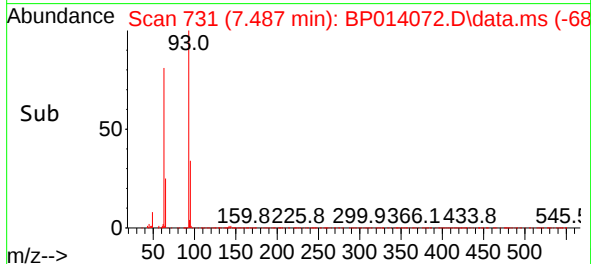
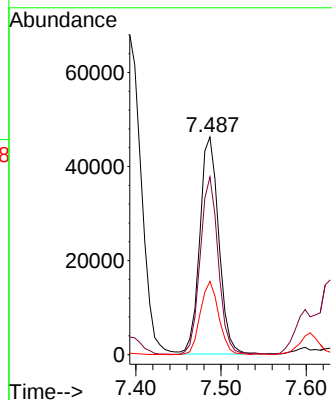
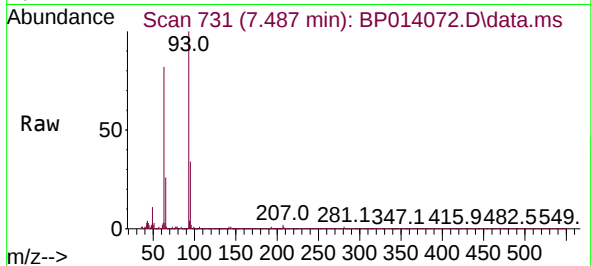
#11
bis(2-Chloroethyl)ether
Concen: 7.432 ng
RT: 7.487 min Scan# 734
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 93 Resp: 71306
Ion Ratio Lower Upper
93 100
63 81.7 54.2 94.2
95 33.7 12.7 52.7

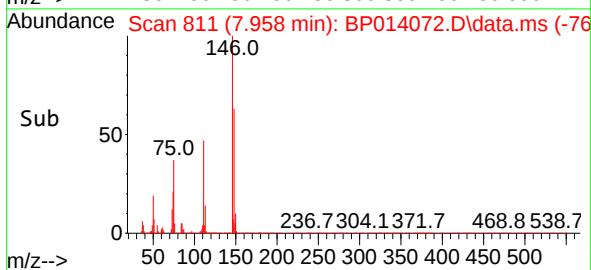
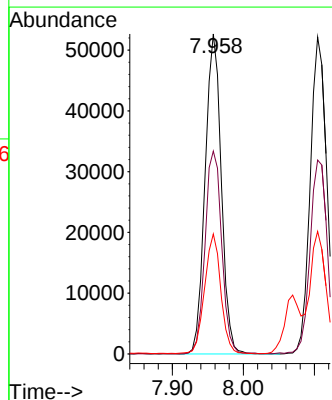
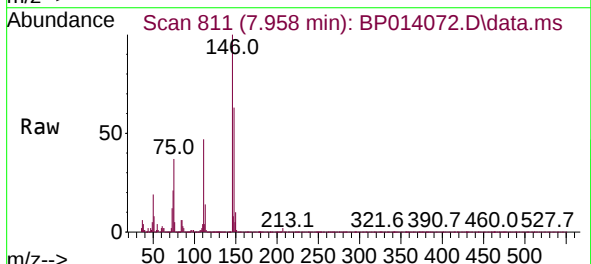
Manual Integrations
APPROVED

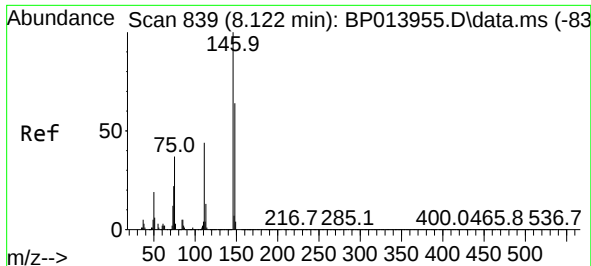
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#12
1,3-Dichlorobenzene
Concen: 7.943 ng
RT: 7.958 min Scan# 811
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Tgt Ion:146 Resp: 82903
Ion Ratio Lower Upper
146 100
148 63.4 52.1 78.1
75 37.5 29.4 44.0





#13

1,4-Dichlorobenzene

Concen: 8.041 ng

RT: 8.105 min Scan# 84

Delta R.T. -0.006 min

Lab File: BP014072.D

Acq: 13 Mar 2023 20:16

Instrument :

BNA_P

ClientSampleId :

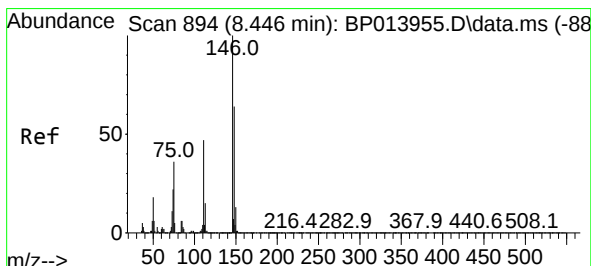
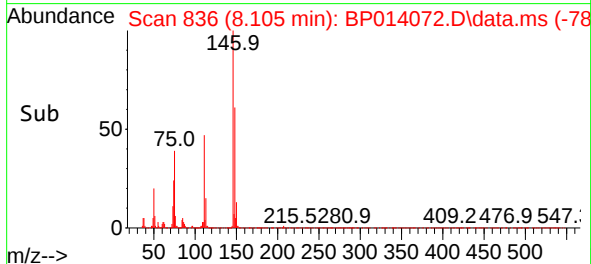
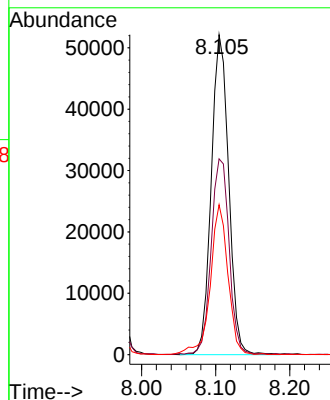
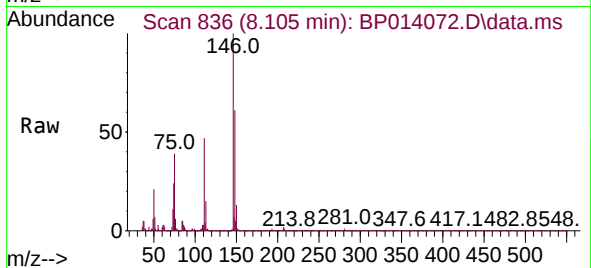
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:	146	Resp:	84904
Ion Ratio	Lower	Upper	
146	100		
148	61.2	51.4	77.2
111	46.8	35.1	52.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#14

1,2-Dichlorobenzene

Concen: 7.979 ng

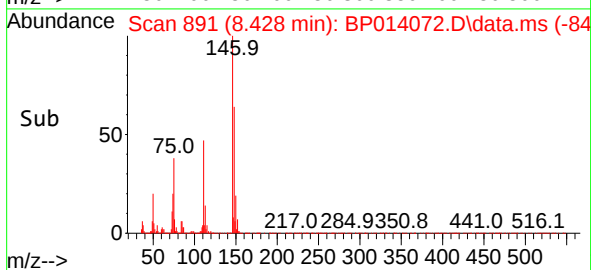
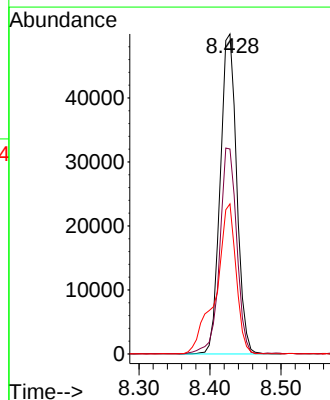
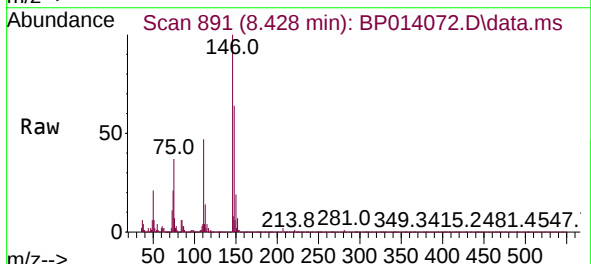
RT: 8.428 min Scan# 891

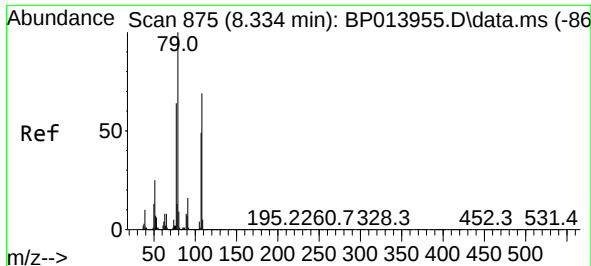
Delta R.T. -0.006 min

Lab File: BP014072.D

Acq: 13 Mar 2023 20:16

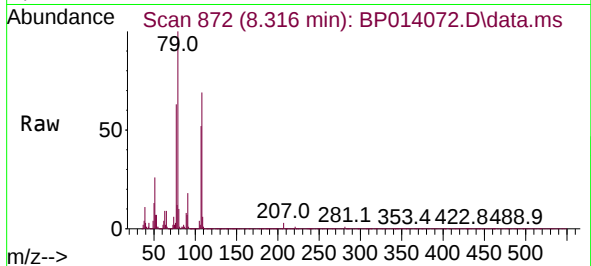
Tgt Ion:	146	Resp:	80698
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.4	77.0
111	46.9	37.2	55.8





#15
Benzyl Alcohol
Concen: 6.496 ng
RT: 8.316 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

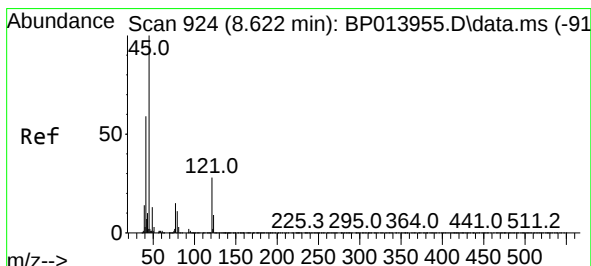
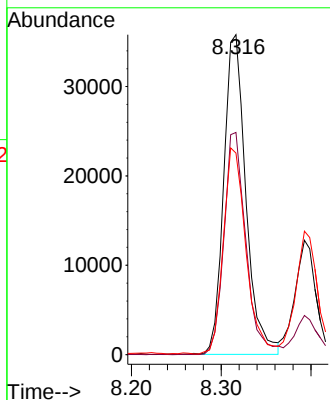
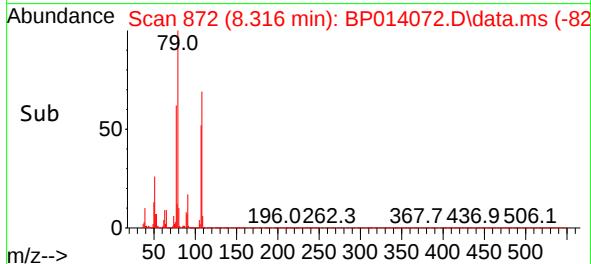
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 79 Resp: 6166
Ion Ratio Lower Upper
79 100
108 69.4 54.9 82.3
77 63.0 51.4 77.0

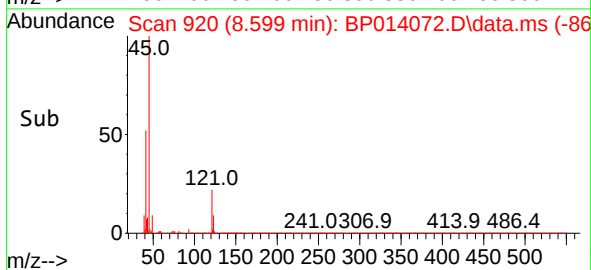
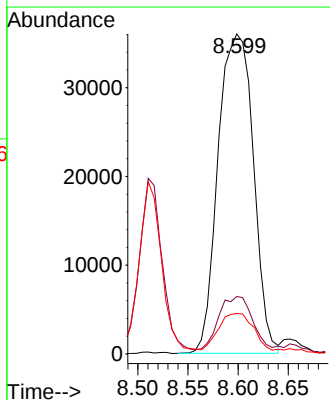
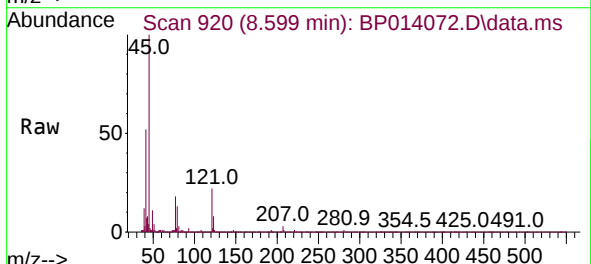
Manual Integrations
APPROVED

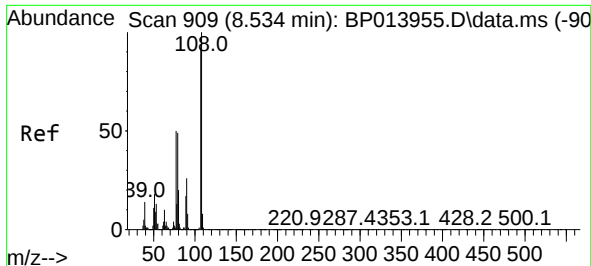
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.442 ng
RT: 8.599 min Scan# 920
Delta R.T. 0.000 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Tgt Ion: 45 Resp: 88175
Ion Ratio Lower Upper
45 100
77 17.9 0.0 38.7
79 12.6 0.0 34.4





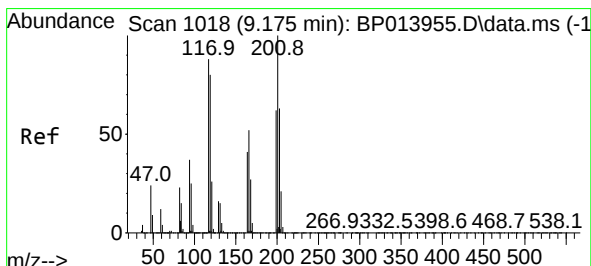
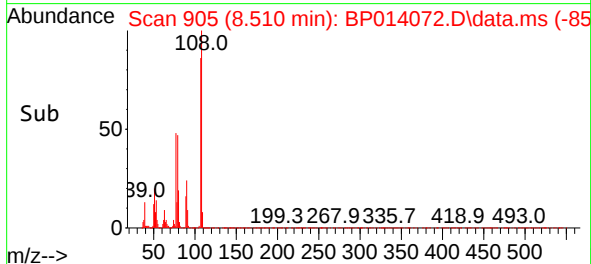
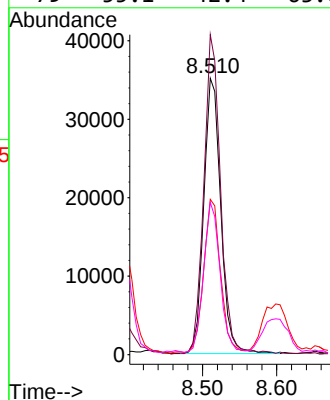
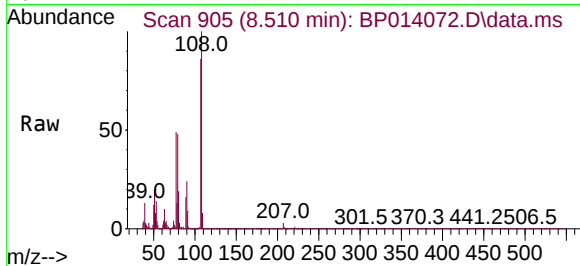
#17
2-Methylphenol
Concen: 6.465 ng
RT: 8.510 min Scan# 909
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:107 Resp: 55874
Ion Ratio Lower Upper
107 100
108 115.8 87.0 130.4
77 56.2 44.0 66.0
79 55.1 42.4 63.6

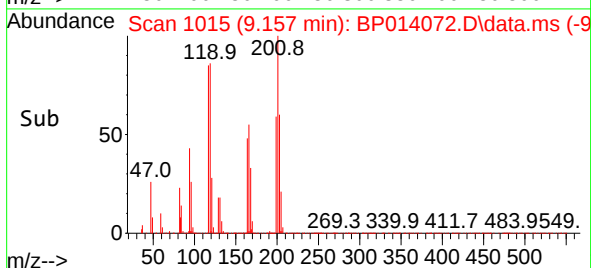
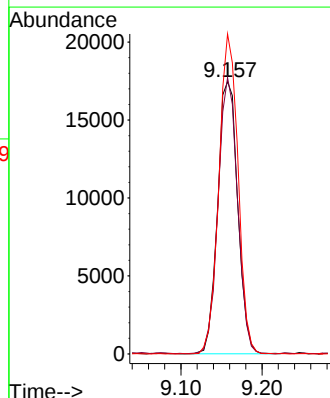
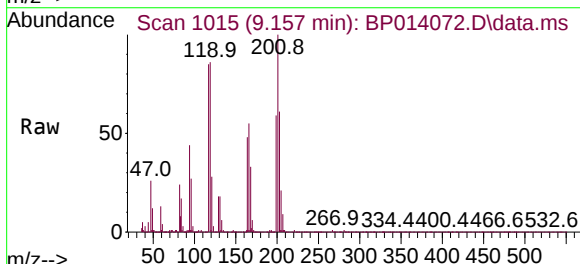
Manual Integrations
APPROVED

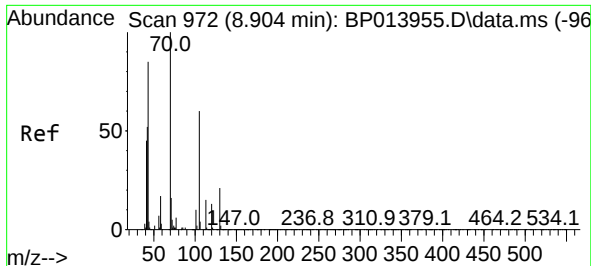
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#18
Hexachloroethane
Concen: 7.548 ng
RT: 9.157 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Tgt Ion:117 Resp: 29941
Ion Ratio Lower Upper
117 100
119 101.5 73.3 109.9
201 117.5 91.1 136.7





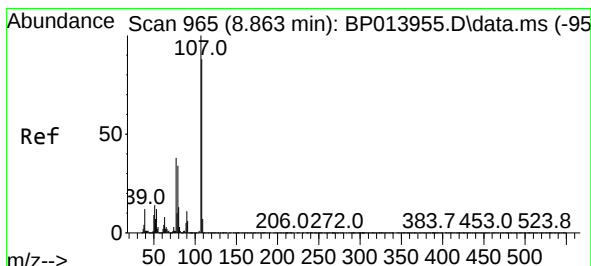
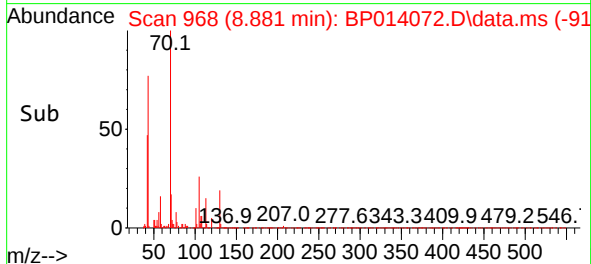
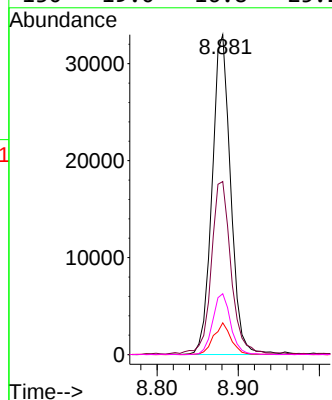
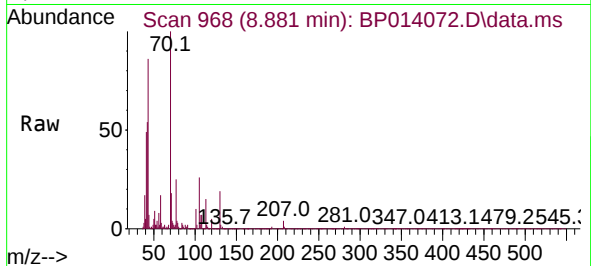
#19
n-Nitroso-di-n-propylamine
Concen: 6.820 ng
RT: 8.881 min Scan# 90
Delta R.T. -0.012 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 70 Resp: 52263
Ion Ratio Lower Upper
70 100
42 54.1 42.4 63.6
101 9.9 8.2 12.4
130 19.0 16.8 25.2

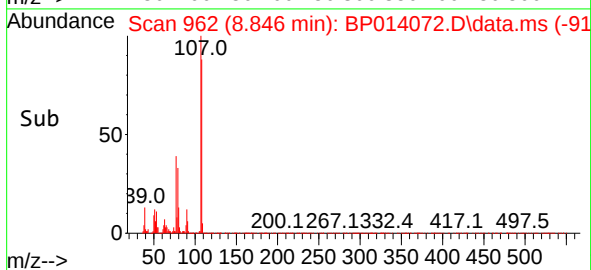
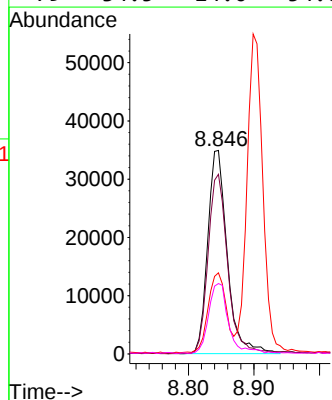
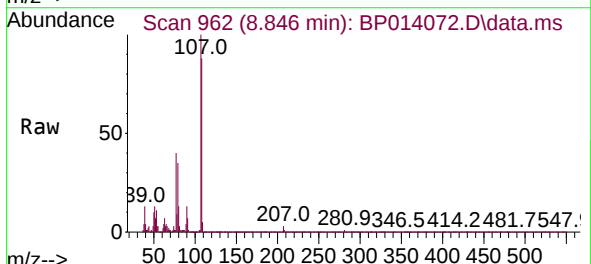
Manual Integrations
APPROVED

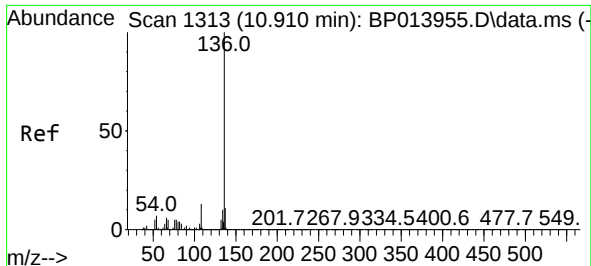
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#20
3+4-Methylphenols
Concen: 6.202 ng
RT: 8.846 min Scan# 962
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

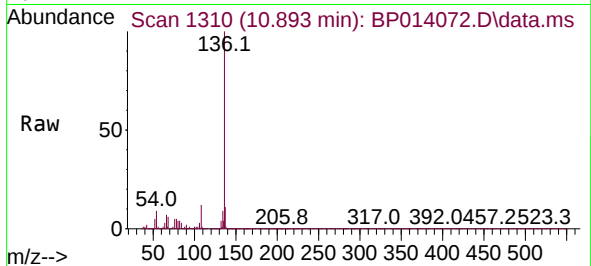
Tgt Ion:107 Resp: 72184
Ion Ratio Lower Upper
107 100
108 88.3 68.2 108.2
77 39.8 18.1 58.1
79 34.5 14.0 54.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.893 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

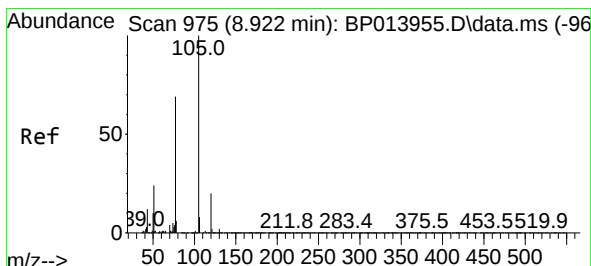
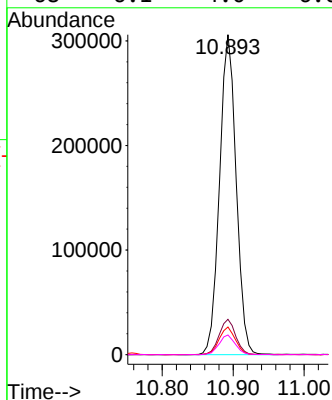
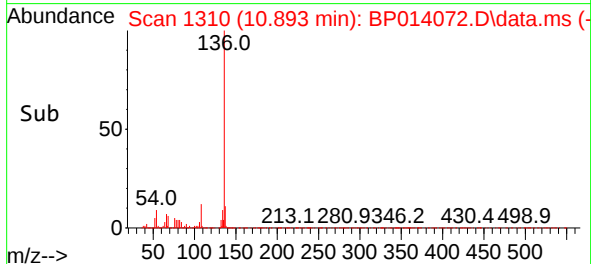
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion:136 Resp: 498042
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.7 5.8 8.8
68 6.1 4.0 6.0#

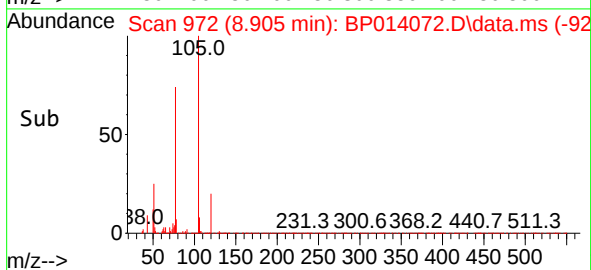
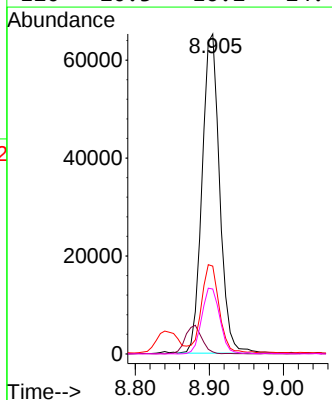
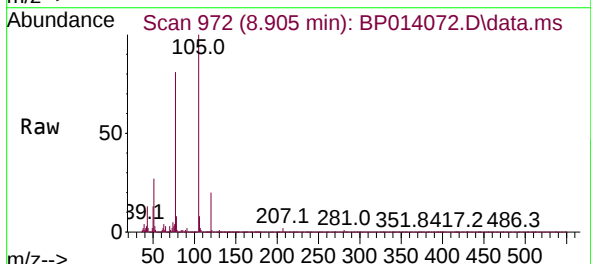
Manual Integrations
APPROVED

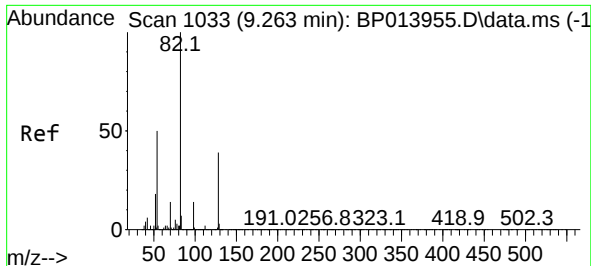
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#22
Acetophenone
Concen: 7.657 ng
RT: 8.905 min Scan# 972
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

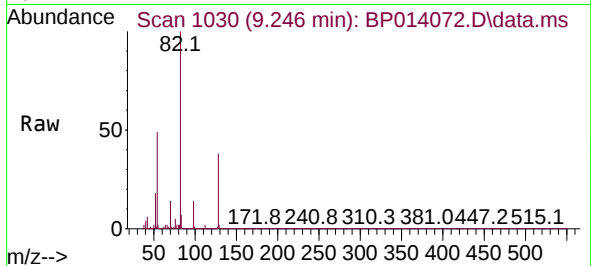
Tgt Ion:105 Resp: 106973
Ion Ratio Lower Upper
105 100
71 0.6 1.4 2.0#
51 27.4 21.5 32.3
120 20.3 16.2 24.4





#23
Nitrobenzene-d5
Concen: 89.430 ng
RT: 9.246 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

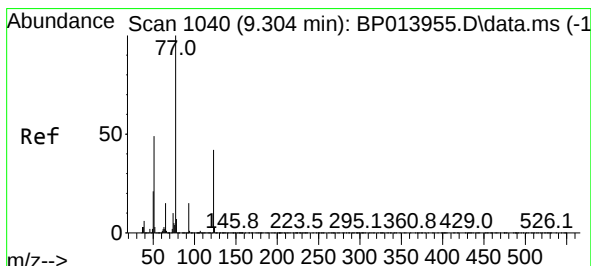
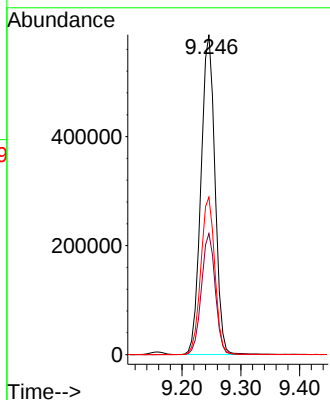
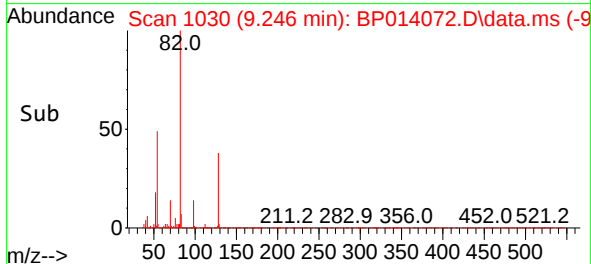
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 82 Resp: 974496
Ion Ratio Lower Upper
82 100
128 37.8 31.1 46.7
54 49.2 40.0 60.0

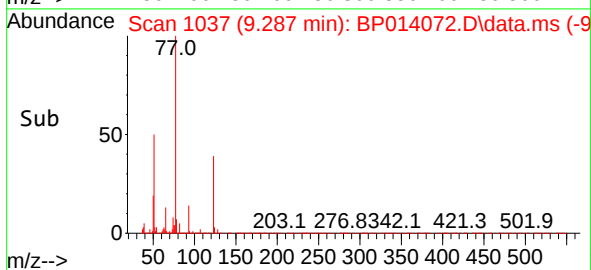
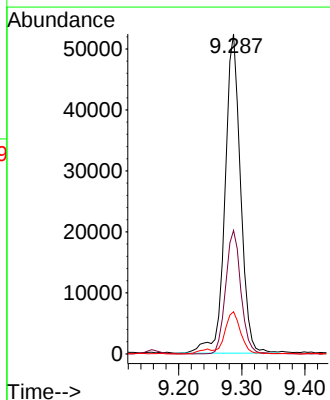
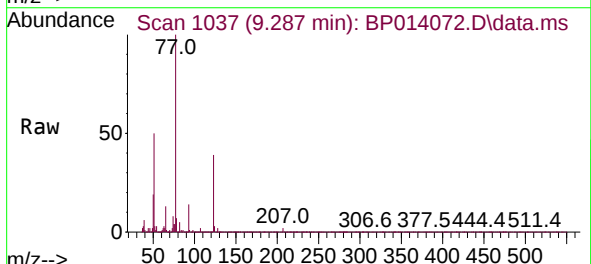
Manual Integrations
APPROVED

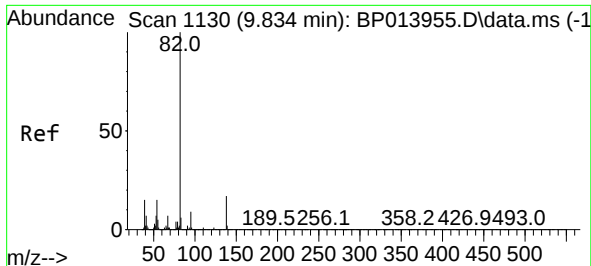
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#24
Nitrobenzene
Concen: 8.031 ng
RT: 9.287 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Tgt Ion: 77 Resp: 89540
Ion Ratio Lower Upper
77 100
123 38.6 33.6 50.4
65 13.2 11.6 17.4





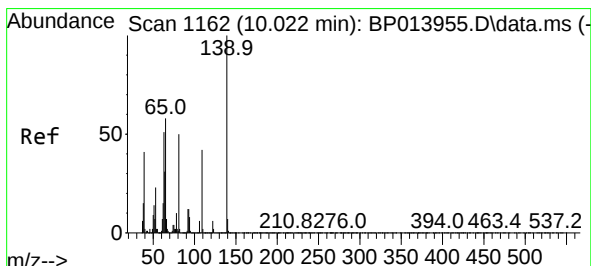
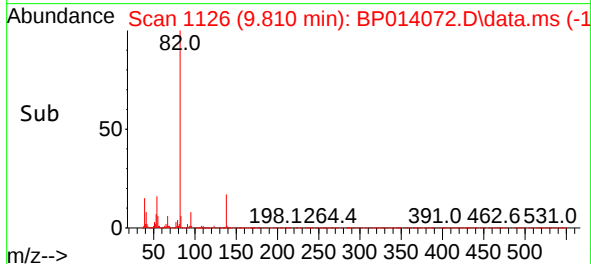
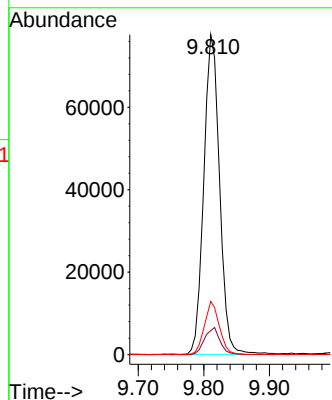
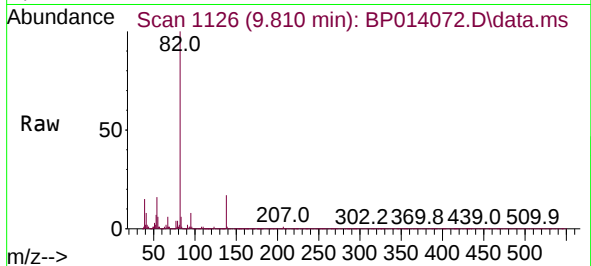
#25
Isophorone
Concen: 6.448 ng
RT: 9.810 min Scan# 1110
Delta R.T. -0.012 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 82 Resp: 129474
Ion Ratio Lower Upper
82 100
95 7.5 6.9 10.3
138 16.6 13.3 19.9

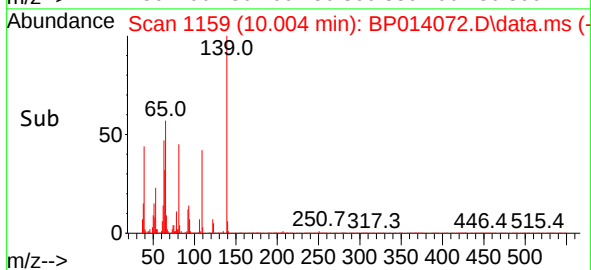
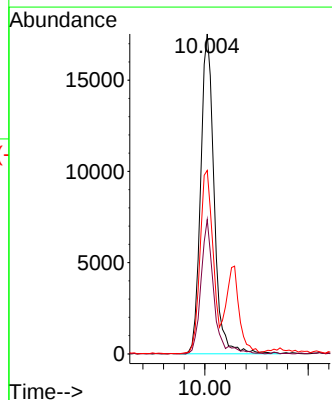
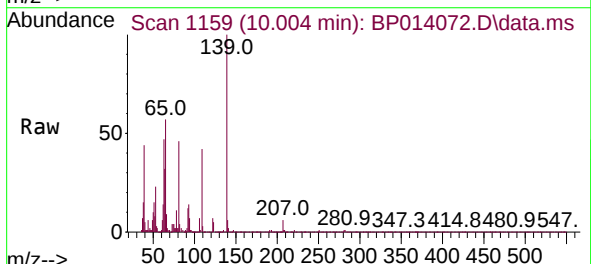
Manual Integrations
APPROVED

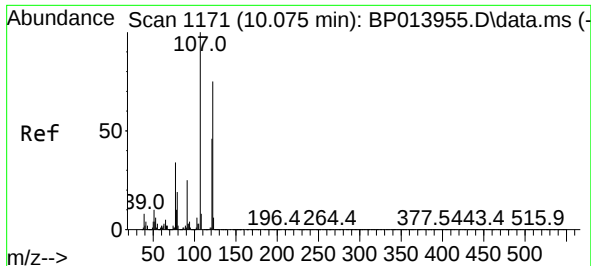
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#26
2-Nitrophenol
Concen: 6.545 ng
RT: 10.004 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

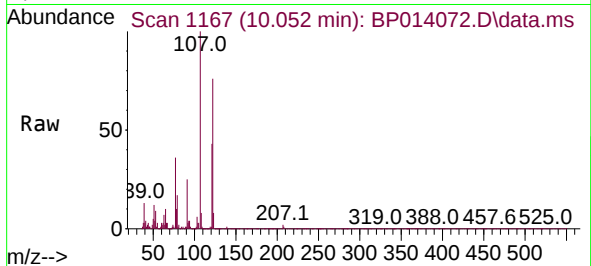
Tgt Ion:139 Resp: 31742
Ion Ratio Lower Upper
139 100
109 42.0 33.8 50.8
65 57.3 46.6 70.0





#27
2,4-Dimethylphenol
Concen: 7.290 ng
RT: 10.052 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

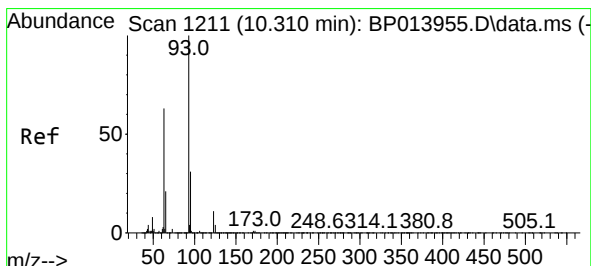
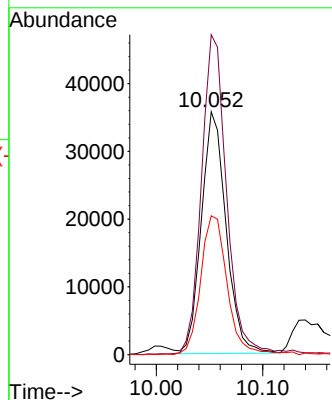
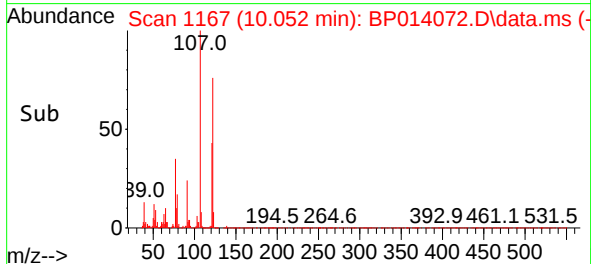
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 122 Resp: 57486
Ion Ratio Lower Upper
122 100
107 131.8 105.9 158.9
121 57.2 49.0 73.4

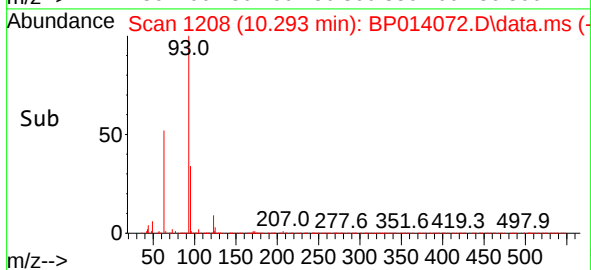
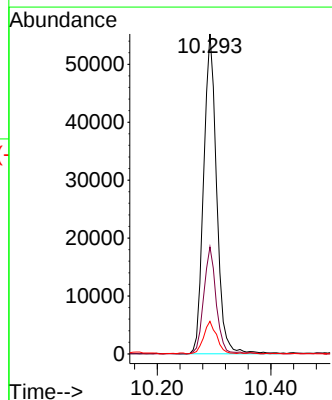
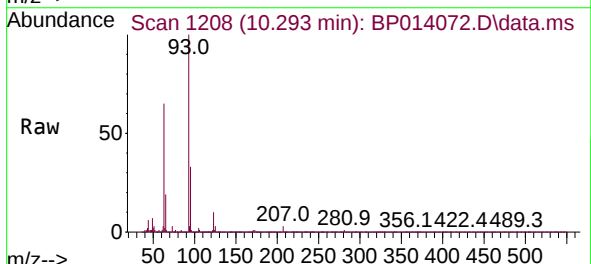
Manual Integrations
APPROVED

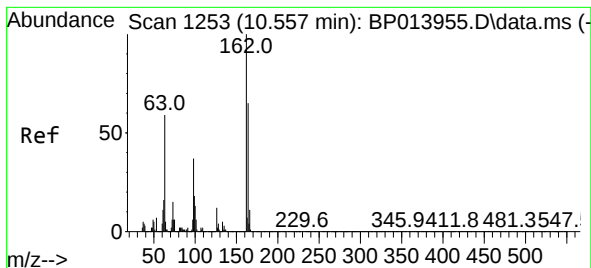
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#28
bis(2-Chloroethoxy)methane
Concen: 7.560 ng
RT: 10.293 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Tgt Ion: 93 Resp: 87852
Ion Ratio Lower Upper
93 100
95 33.4 25.0 37.6
123 10.2 8.6 12.8





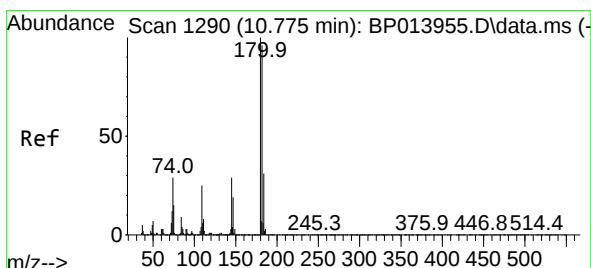
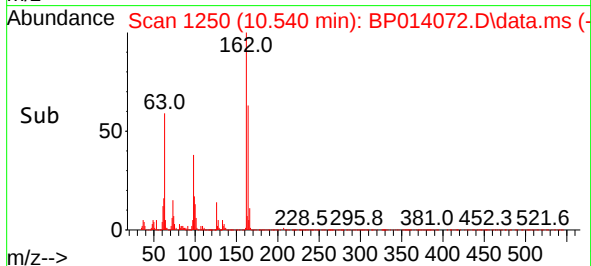
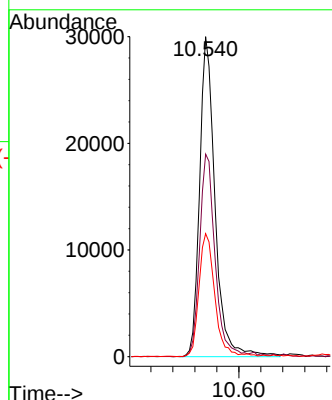
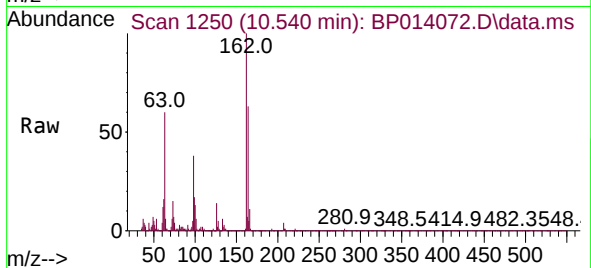
#29
2,4-Dichlorophenol
Concen: 6.773 ng
RT: 10.540 min Scan# 1250
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:162 Resp: 58466
Ion Ratio Lower Upper
162 100
164 63.3 44.7 84.7
98 38.4 17.0 57.0

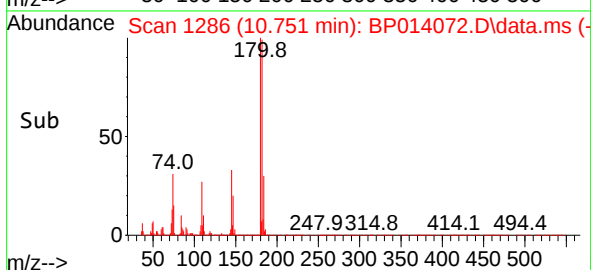
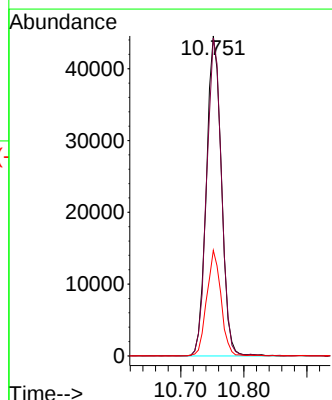
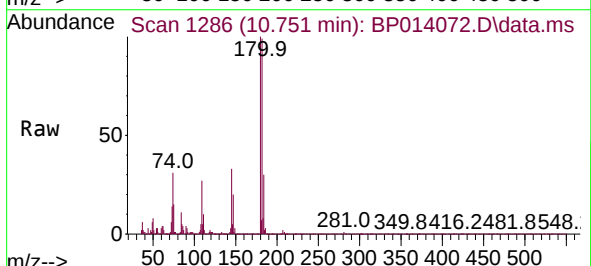
Manual Integrations
APPROVED

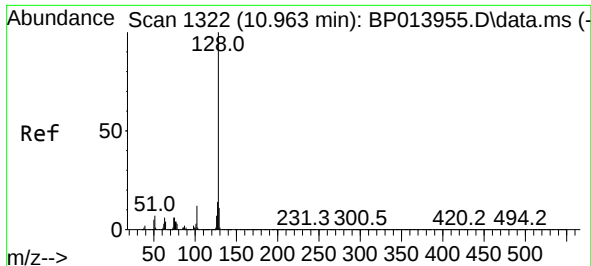
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#30
1,2,4-Trichlorobenzene
Concen: 7.495 ng
RT: 10.751 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Tgt Ion:180 Resp: 73450
Ion Ratio Lower Upper
180 100
182 99.3 76.6 114.8
145 33.0 23.5 35.3





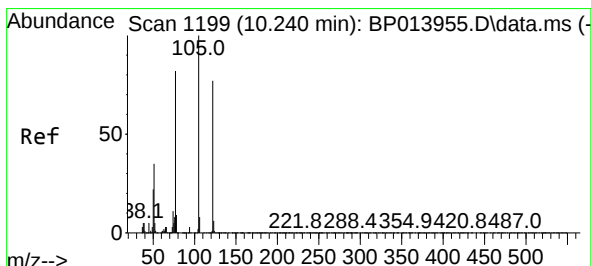
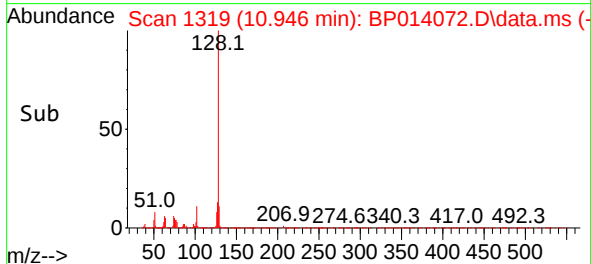
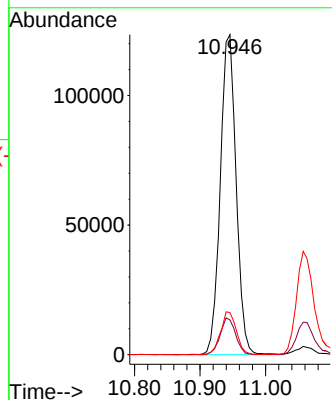
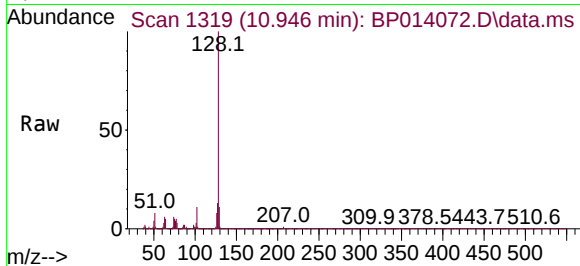
#31
Naphthalene
Concen: 7.595 ng
RT: 10.946 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:128 Resp: 20785
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.1 11.2 16.8

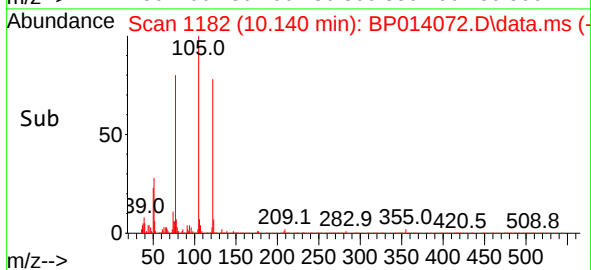
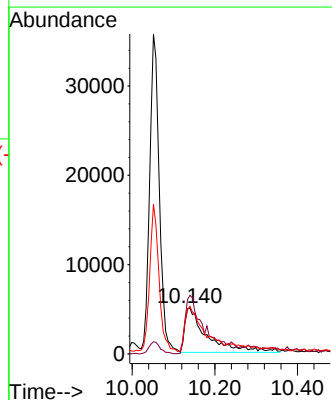
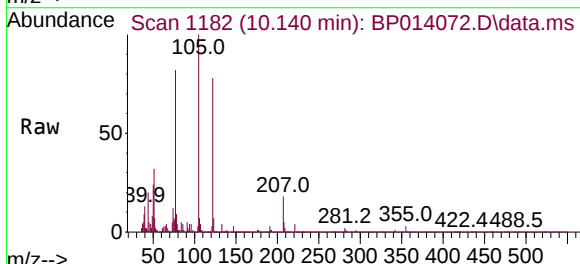
Manual Integrations
APPROVED

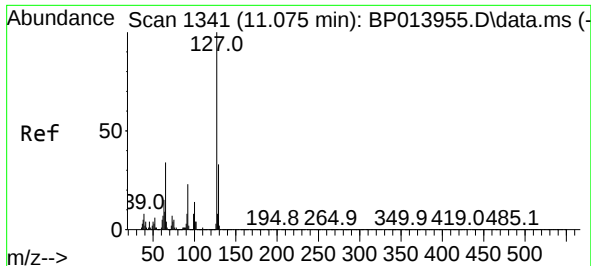
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#32
Benzoic acid
Concen: 5.359 ng m
RT: 10.140 min Scan# 1182
Delta R.T. -0.071 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Tgt Ion:122 Resp: 18407
Ion Ratio Lower Upper
122 100
105 128.0 108.2 148.2
77 104.3 85.2 125.2





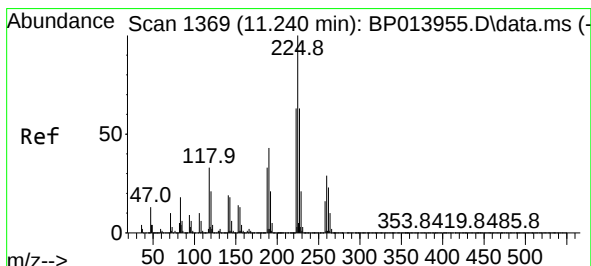
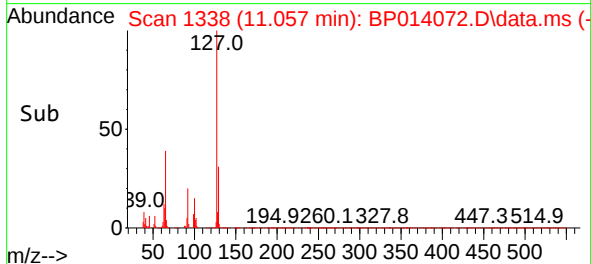
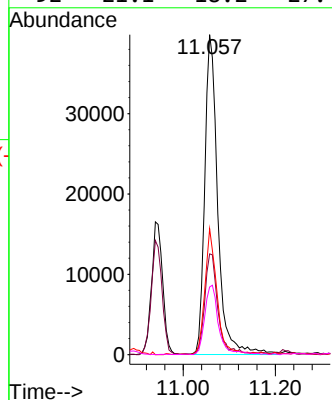
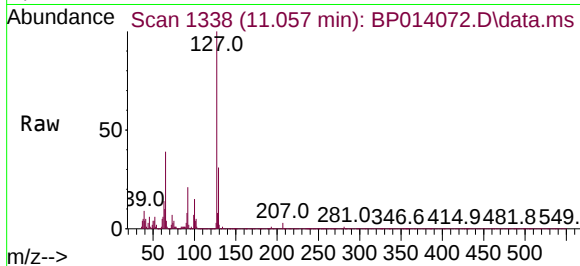
#33
4-Chloroaniline
Concen: 6.653 ng
RT: 11.057 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.2	39.2
65	39.4	27.0	40.4
92	21.1	18.2	27.4

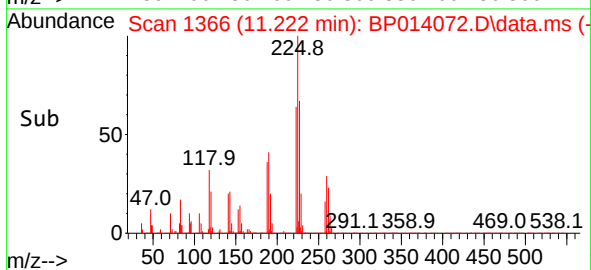
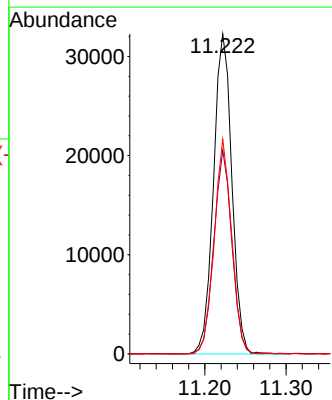
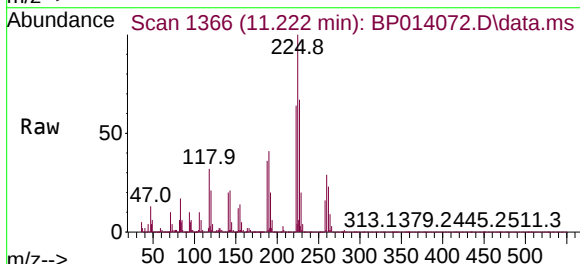
Manual Integrations
APPROVED

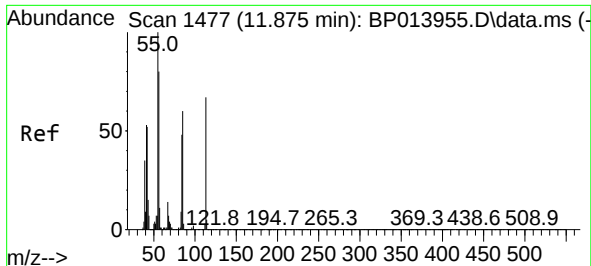
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#34
Hexachlorobutadiene
Concen: 7.106 ng
RT: 11.222 min Scan# 1366
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

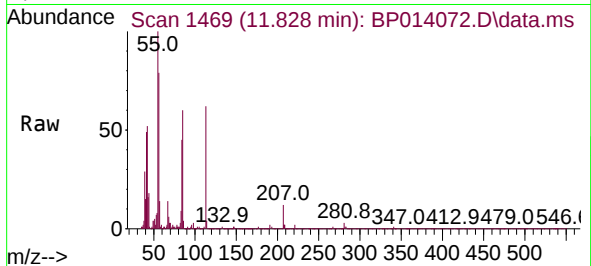
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	76.0
227	67.0	50.2	75.4





#35
Caprolactam
Concen: 5.969 ng m
RT: 11.828 min Scan# 1477
Delta R.T. -0.029 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

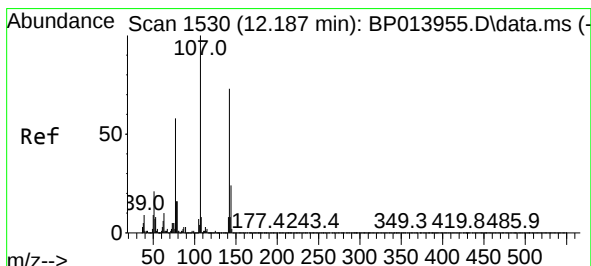
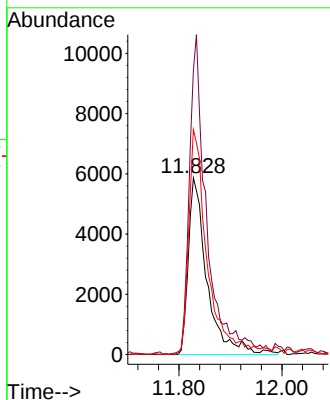
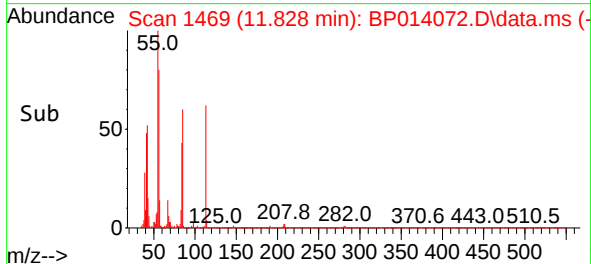
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:113 Resp: 14748
Ion Ratio Lower Upper
113 100
55 160.8 128.9 168.9
56 127.3 99.6 139.6

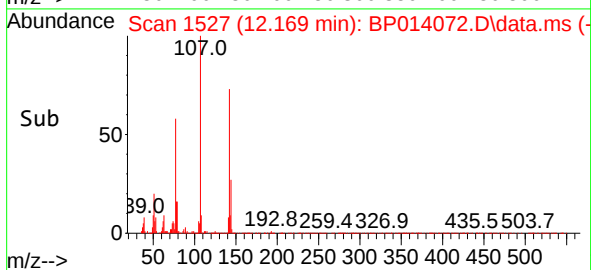
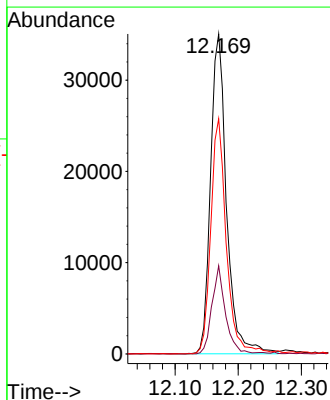
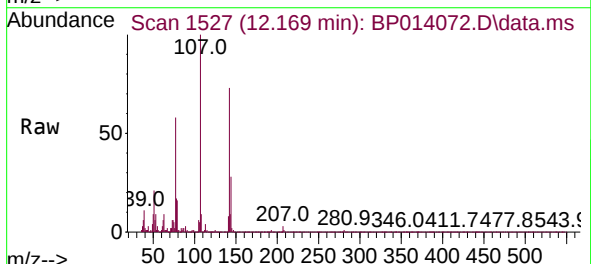
Manual Integrations
APPROVED

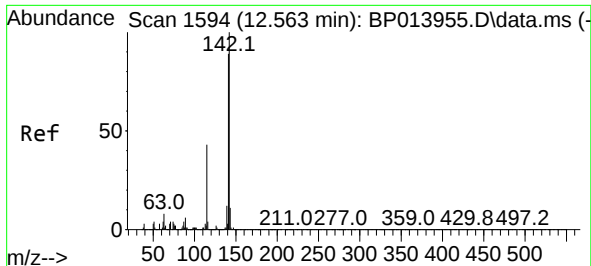
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#36
4-Chloro-3-methylphenol
Concen: 6.428 ng
RT: 12.169 min Scan# 1527
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Tgt Ion:107 Resp: 61879
Ion Ratio Lower Upper
107 100
144 27.5 19.3 28.9
142 73.5 58.5 87.7





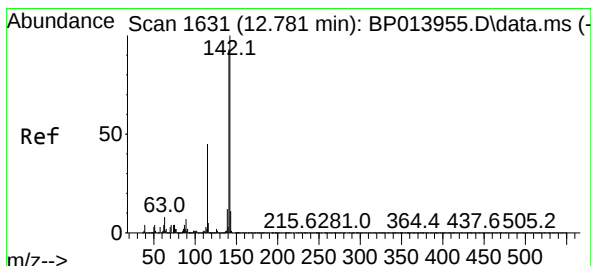
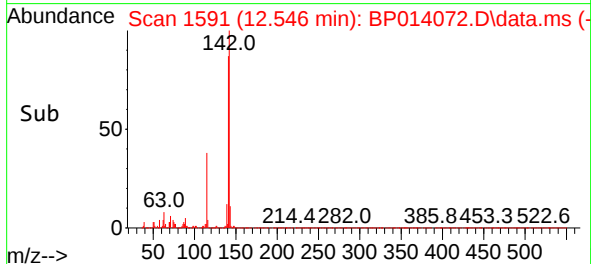
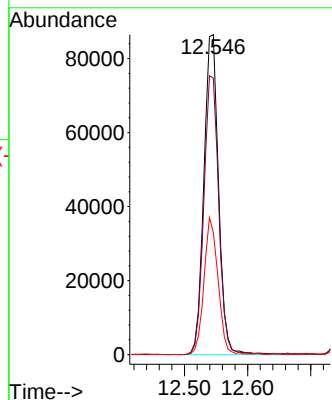
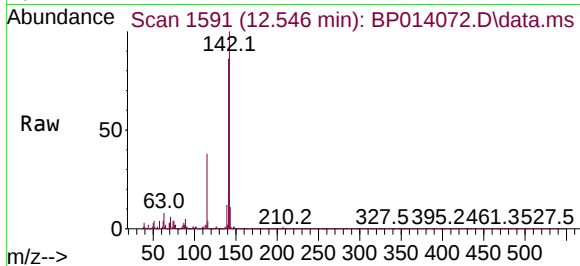
#37
2-Methylnaphthalene
Concen: 6.914 ng
RT: 12.546 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:142 Resp: 139597
Ion Ratio Lower Upper
142 100
141 86.4 71.0 106.4
115 38.2 34.5 51.7

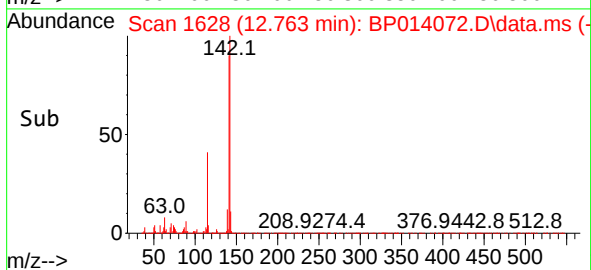
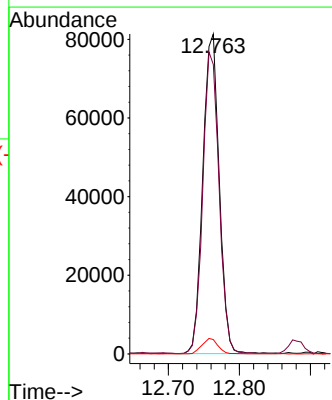
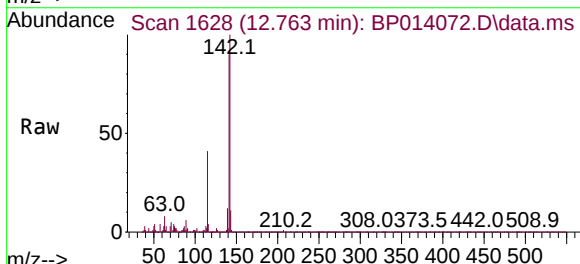
Manual Integrations
APPROVED

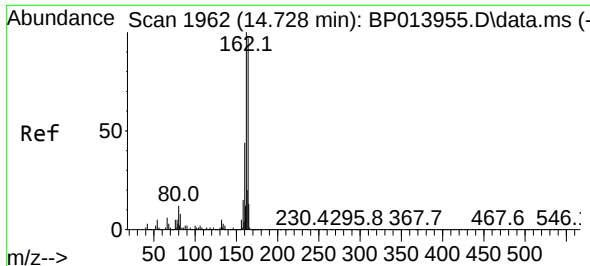
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#38
1-Methylnaphthalene
Concen: 6.901 ng
RT: 12.763 min Scan# 1628
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Tgt Ion:142 Resp: 129870
Ion Ratio Lower Upper
142 100
141 90.4 74.4 111.6
116 4.5 3.6 5.4





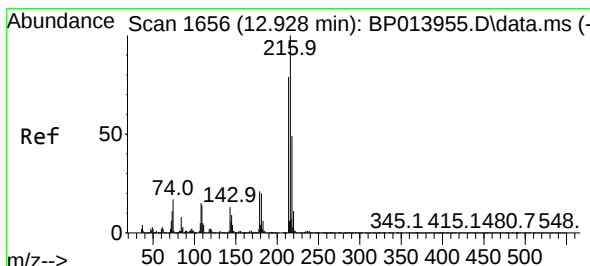
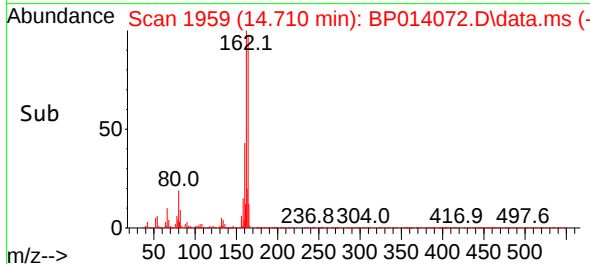
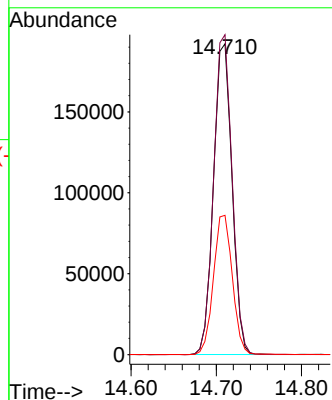
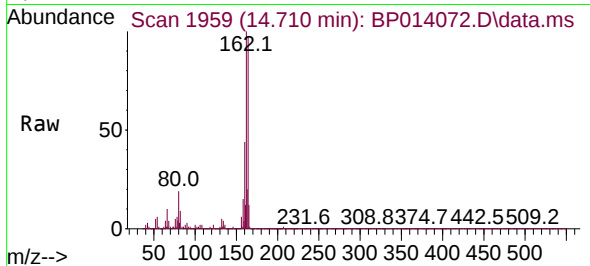
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.710 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:164 Resp: 29001
Ion Ratio Lower Upper
164 100
162 103.0 82.1 123.1
160 44.8 36.2 54.2

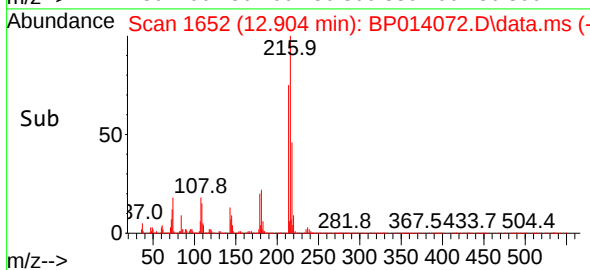
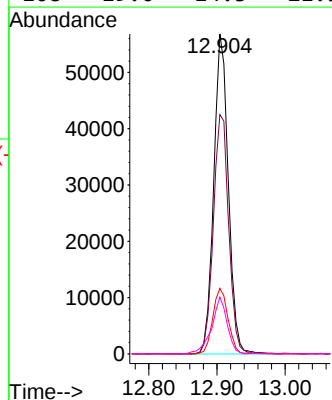
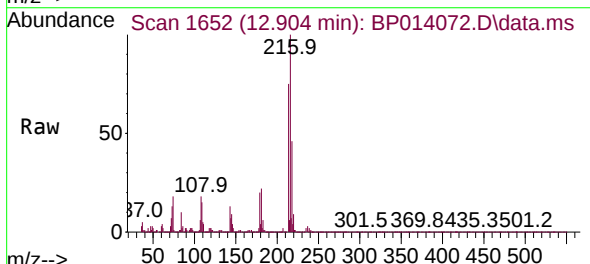
Manual Integrations
APPROVED

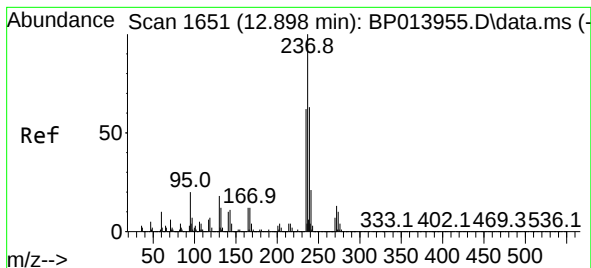
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.601 ng
RT: 12.904 min Scan# 1652
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

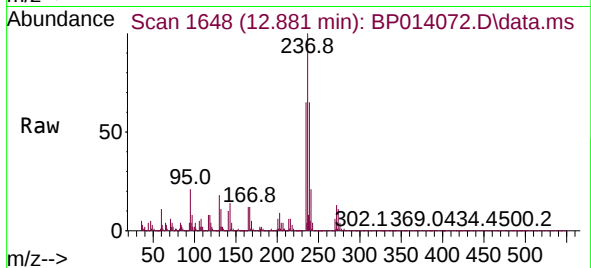
Tgt Ion:216 Resp: 84020
Ion Ratio Lower Upper
216 100
214 79.2 62.2 93.2
179 21.5 16.6 24.8
108 19.0 14.3 21.5





#41
Hexachlorocyclopentadiene
Concen: 6.640 ng
RT: 12.881 min Scan# 1648
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

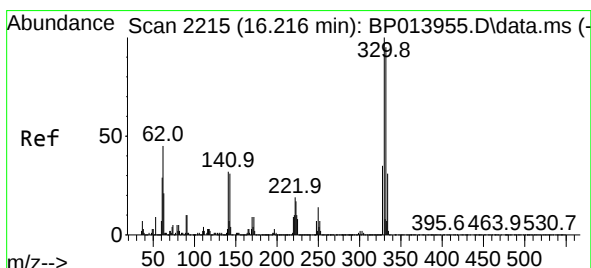
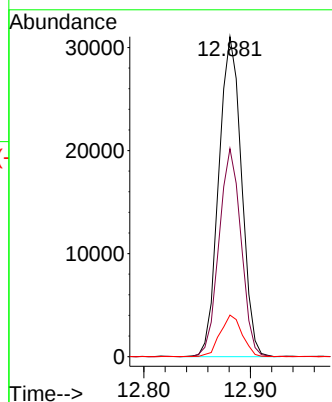
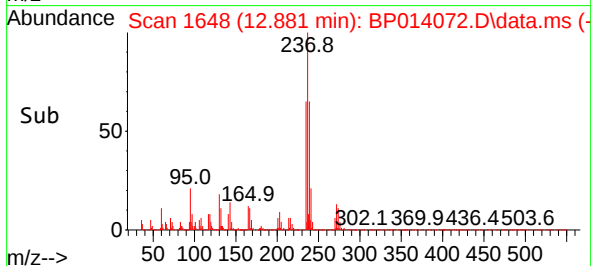
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



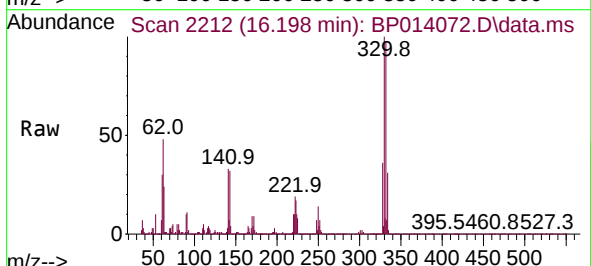
Tgt Ion: 237 Resp: 46068
Ion Ratio Lower Upper
237 100
235 65.0 41.9 81.9
272 13.0 0.0 32.6

Manual Integrations
APPROVED

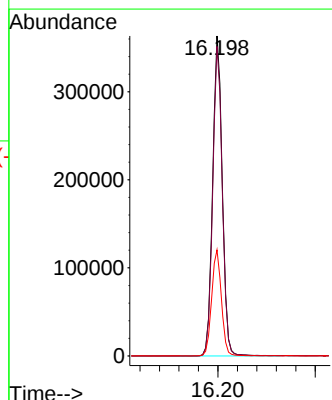
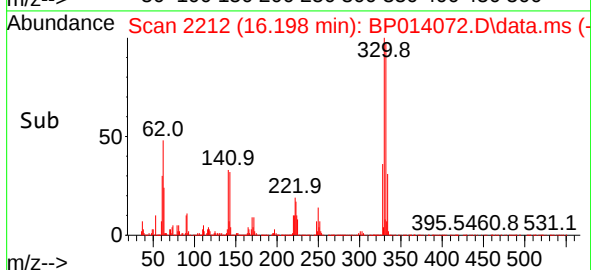
Reviewed By : Christian Giraldo 03/14/2023
Supervised By : Jagrut Upadhyay 03/14/2023

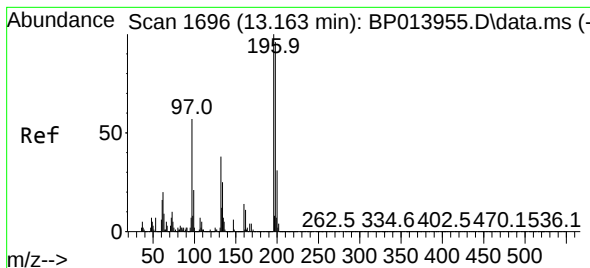


#42
2,4,6-Tribromophenol
Concen: 106.552 ng
RT: 16.198 min Scan# 2212
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16



Tgt Ion: 330 Resp: 501017
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 33.6 25.6 38.4





#43

2,4,6-Trichlorophenol

Concen: 6.637 ng

RT: 13.145 min Scan# 1696

Delta R.T. -0.006 min

Lab File: BP014072.D

Acq: 13 Mar 2023 20:16

Instrument :

BNA_P

ClientSampleId :

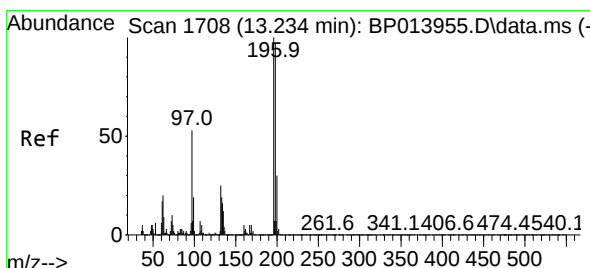
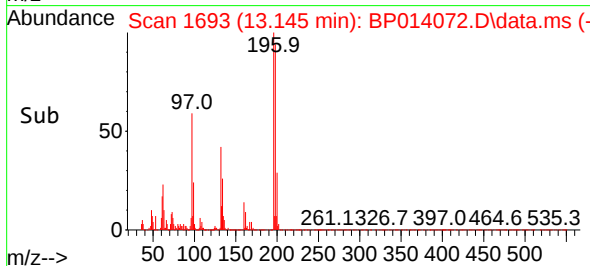
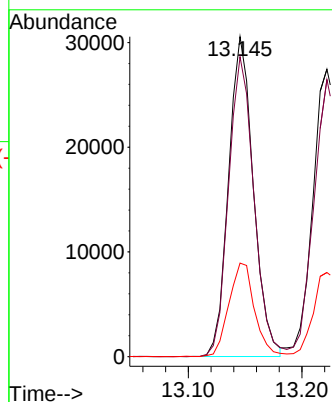
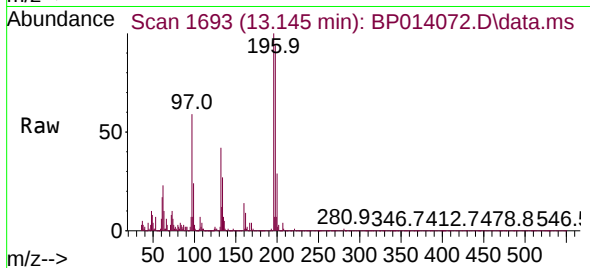
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:196	Resp:	46378
Ion Ratio	Lower	Upper
196	100	
198	93.7	76.7 115.1
200	29.2	25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#44

2,4,5-Trichlorophenol

Concen: 6.233 ng

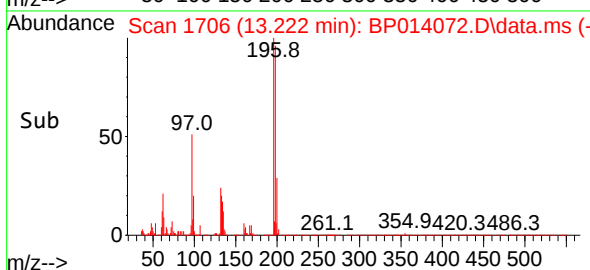
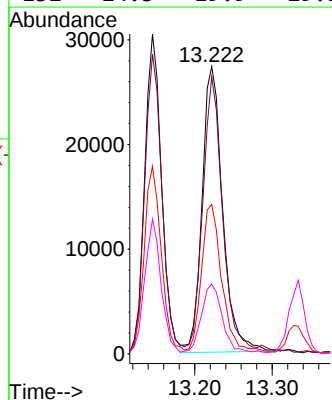
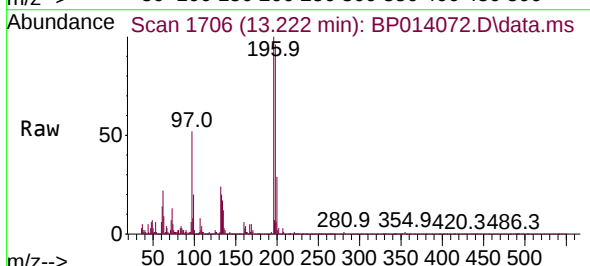
RT: 13.222 min Scan# 1706

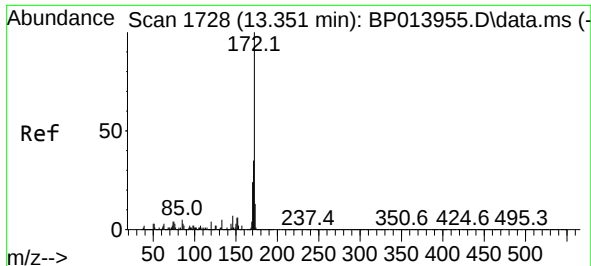
Delta R.T. 0.000 min

Lab File: BP014072.D

Acq: 13 Mar 2023 20:16

Tgt Ion:196	Resp:	50468
Ion Ratio	Lower	Upper
196	100	
198	96.4	77.5 116.3
97	52.0	42.6 64.0
132	24.3	19.9 29.9





#45

2-Fluorobiphenyl

Concen: 86.264 ng

RT: 13.334 min Scan# 1725

Delta R.T. -0.006 min

Lab File: BP014072.D

Acq: 13 Mar 2023 20:16

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion:172 Resp: 193099

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

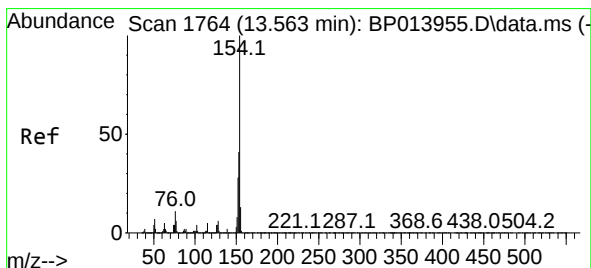
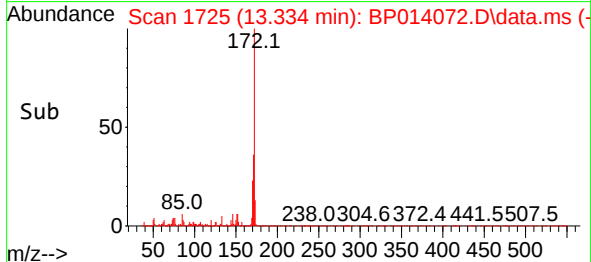
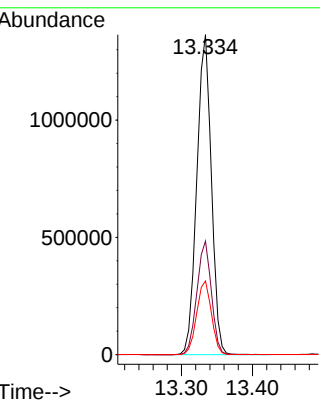
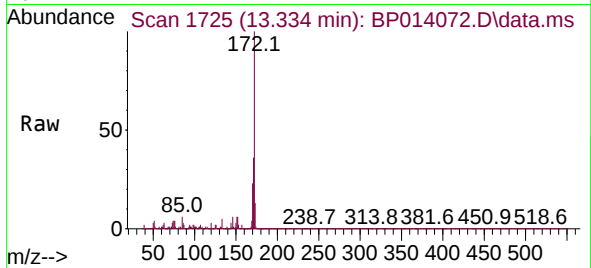
170 23.0 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#46

1,1'-Biphenyl

Concen: 7.946 ng

RT: 13.540 min Scan# 1760

Delta R.T. -0.012 min

Lab File: BP014072.D

Acq: 13 Mar 2023 20:16

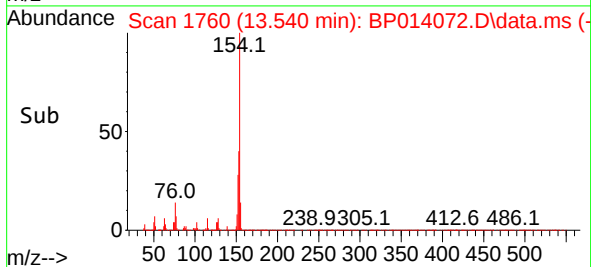
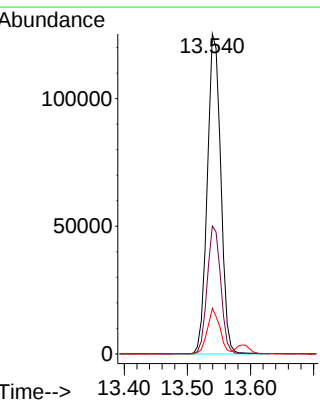
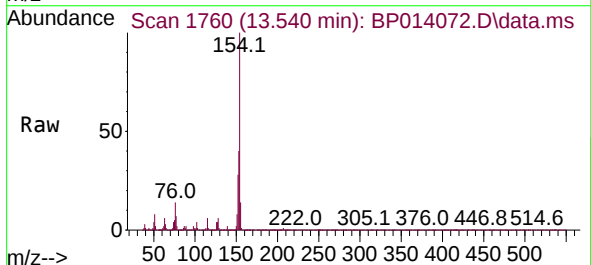
Tgt Ion:154 Resp: 185489

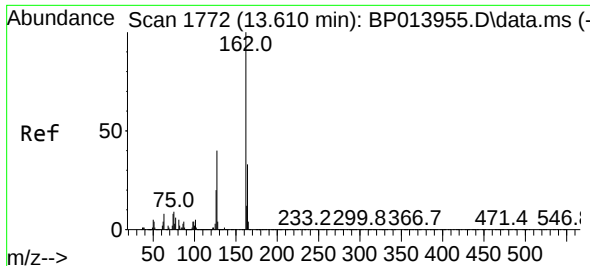
Ion Ratio Lower Upper

154 100

153 40.0 21.0 61.0

76 14.2 0.0 31.0





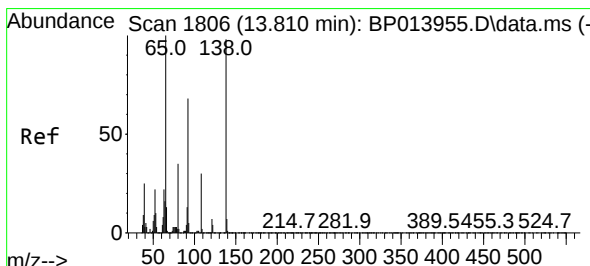
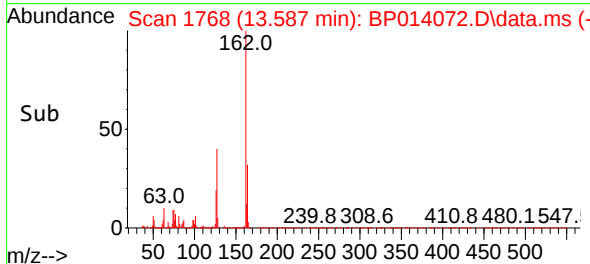
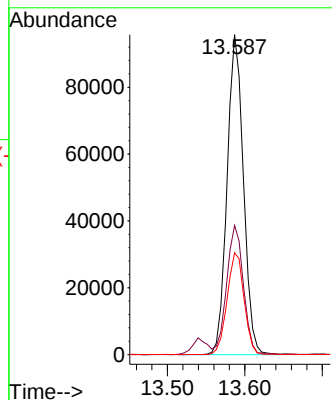
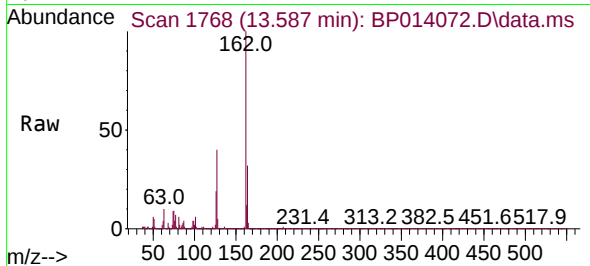
#47
2-Chloronaphthalene
Concen: 7.825 ng
RT: 13.587 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion:162 Resp: 140615
Ion Ratio Lower Upper
162 100
127 40.4 32.5 48.7
164 31.8 26.3 39.5

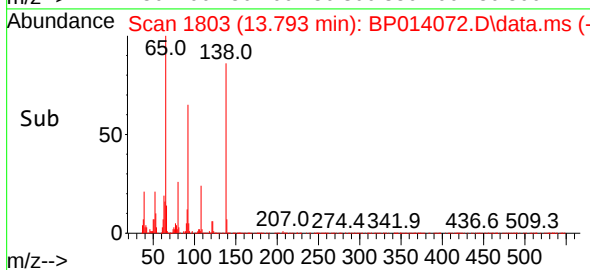
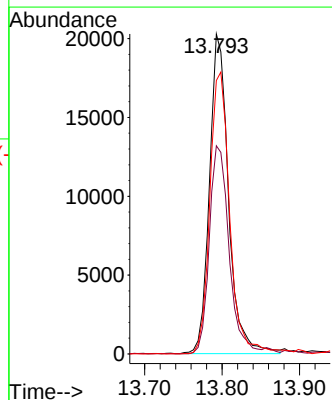
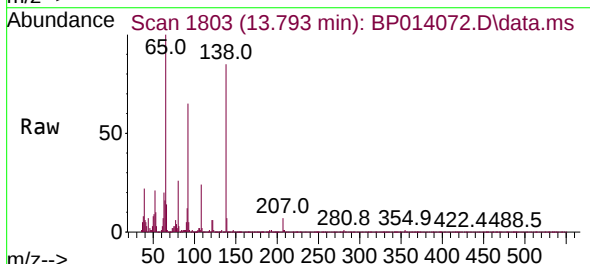
Manual Integrations
APPROVED

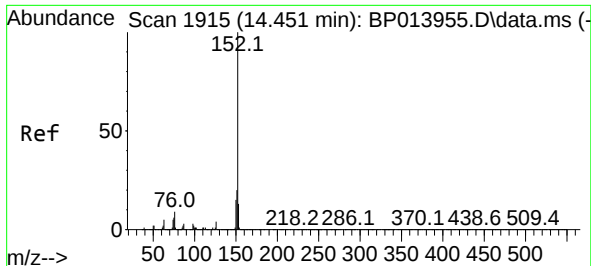
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#48
2-Nitroaniline
Concen: 6.350 ng
RT: 13.793 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Tgt Ion: 65 Resp: 34632
Ion Ratio Lower Upper
65 100
92 65.0 54.4 81.6
138 85.4 78.0 117.0





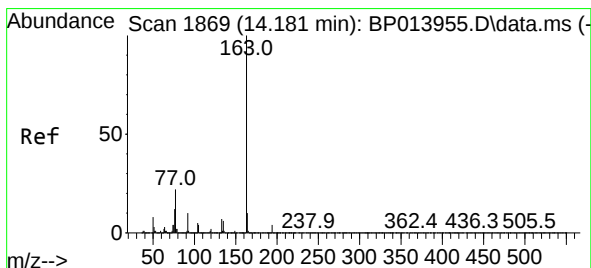
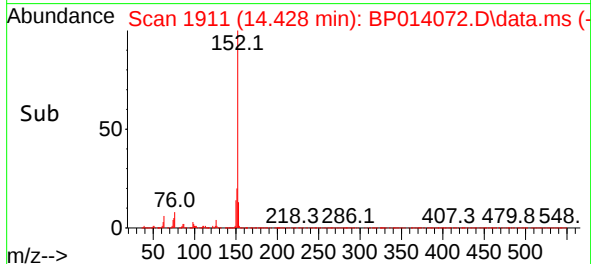
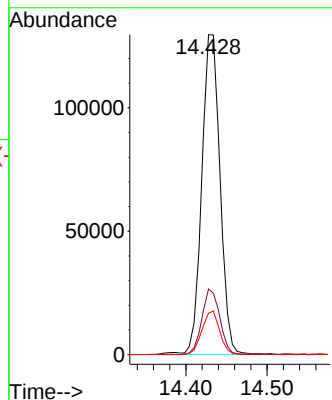
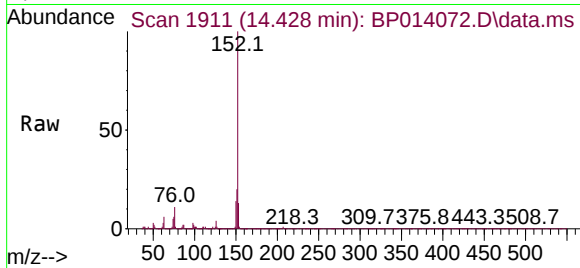
#49
Acenaphthylene
Concen: 7.065 ng
RT: 14.428 min Scan# 1915
Delta R.T. -0.012 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Instrument : BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:152 Resp: 201904
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1
153 12.9 10.4 15.6

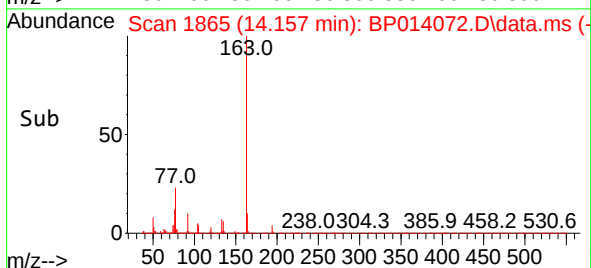
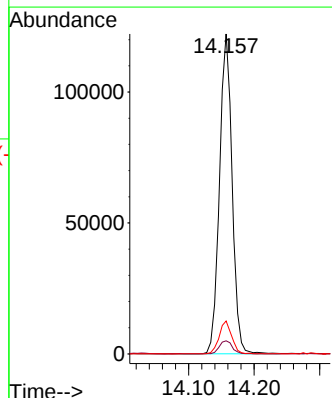
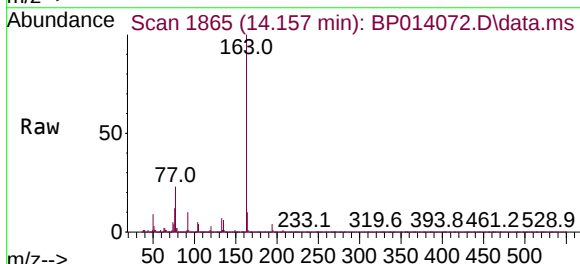
Manual Integrations
APPROVED

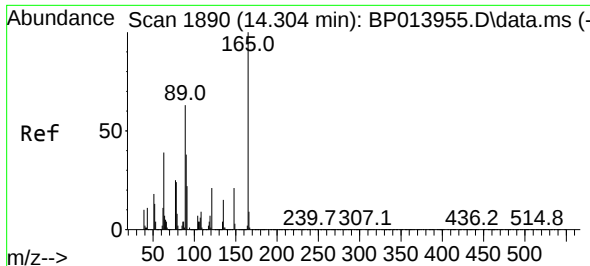
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#50
Dimethylphthalate
Concen: 6.856 ng
RT: 14.157 min Scan# 1865
Delta R.T. -0.012 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Tgt Ion:163 Resp: 164029
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.3 8.1 12.1





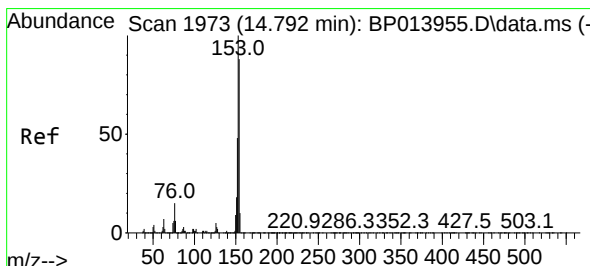
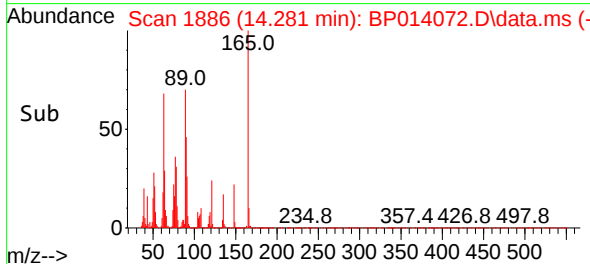
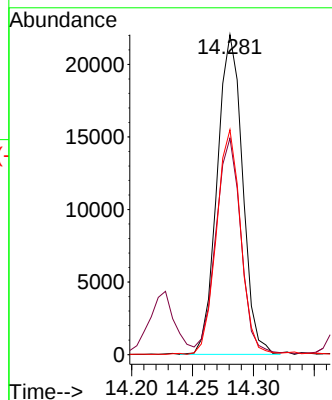
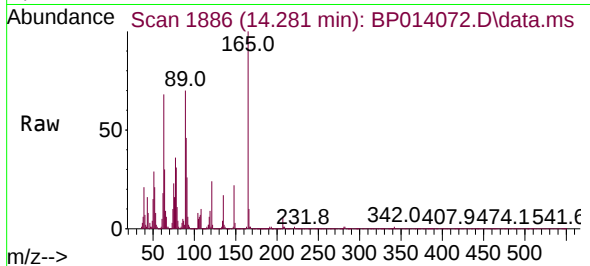
#51
2,6-Dinitrotoluene
Concen: 6.354 ng
RT: 14.281 min Scan# 1890
Delta R.T. -0.012 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:165 Resp: 32013
Ion Ratio Lower Upper
165 100
63 67.6 46.7 70.1
89 70.3 50.8 76.2

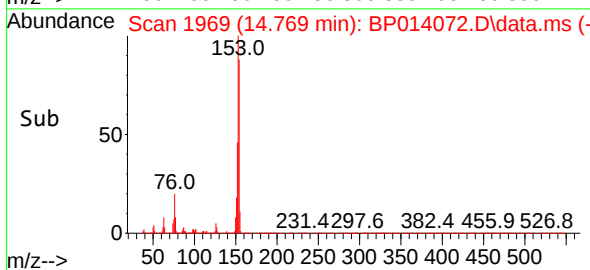
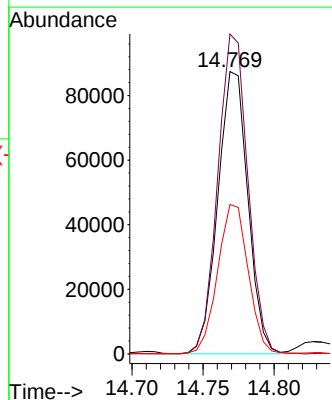
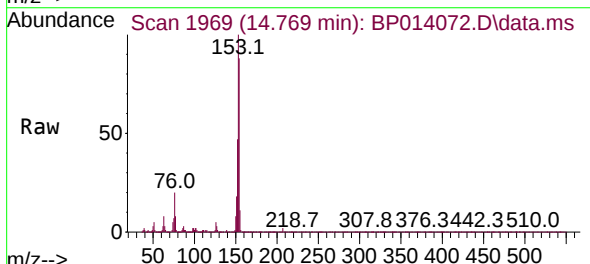
Manual Integrations
APPROVED

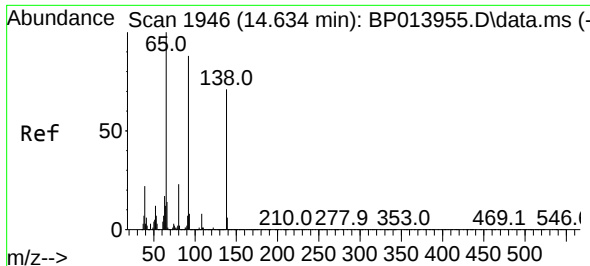
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#52
Acenaphthene
Concen: 7.491 ng
RT: 14.769 min Scan# 1969
Delta R.T. -0.012 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Tgt Ion:154 Resp: 128862
Ion Ratio Lower Upper
154 100
153 113.3 91.3 136.9
152 52.9 43.4 65.0





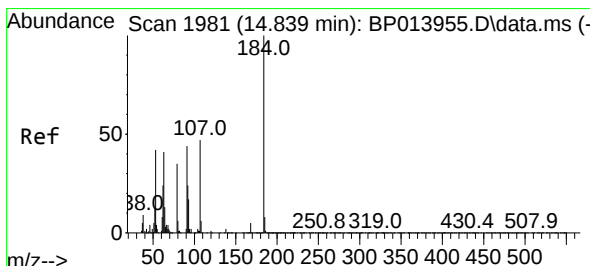
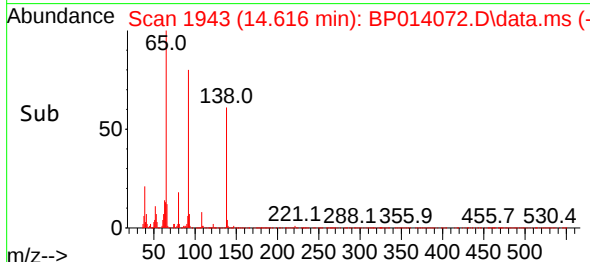
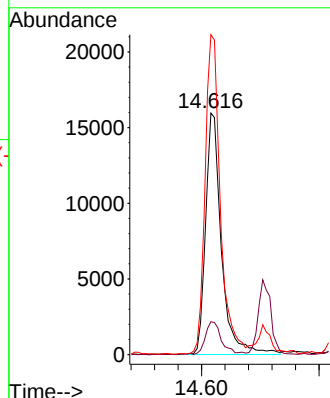
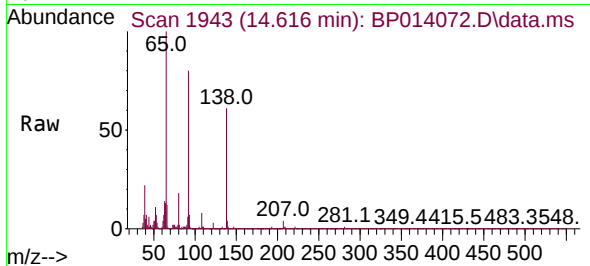
#53
3-Nitroaniline
Concen: 6.030 ng
RT: 14.616 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:138 Resp: 29773
Ion Ratio Lower Upper
138 100
108 13.6 9.5 14.3
92 132.5 99.2 148.8

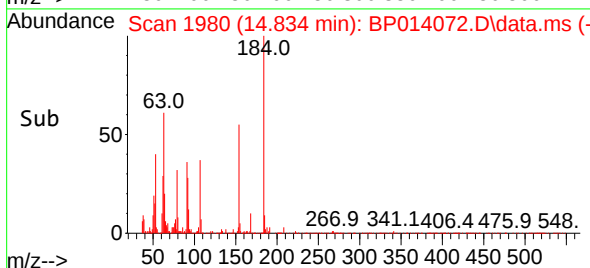
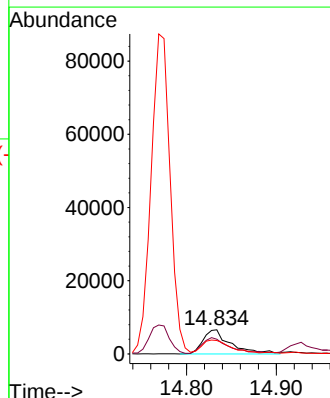
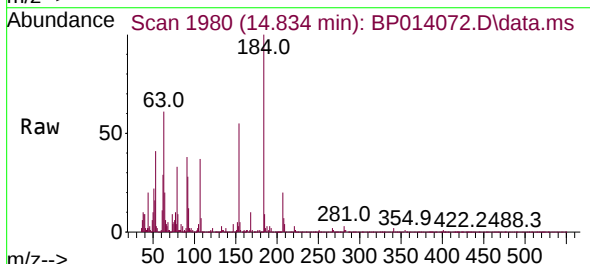
Manual Integrations
APPROVED

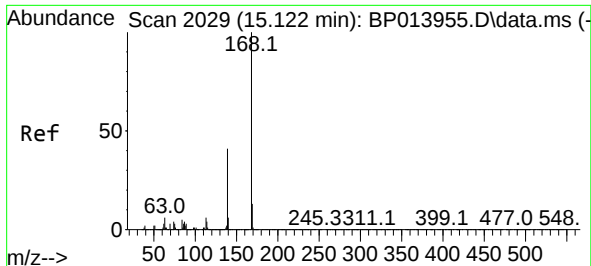
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#54
2,4-Dinitrophenol
Concen: 6.700 ng
RT: 14.834 min Scan# 1980
Delta R.T. 0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Tgt Ion:184 Resp: 14071
Ion Ratio Lower Upper
184 100
63 61.2 52.4 78.6
154 55.4 59.4 89.2#





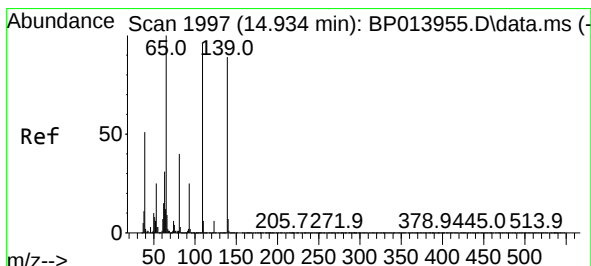
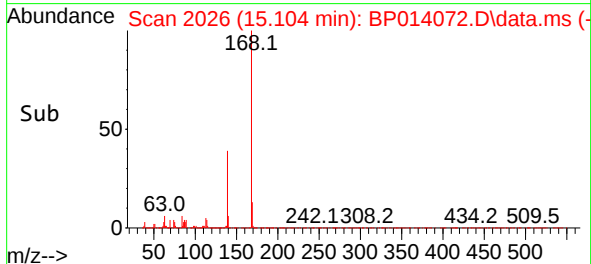
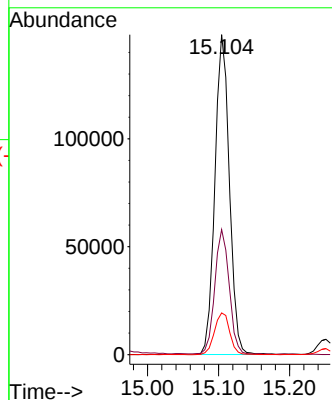
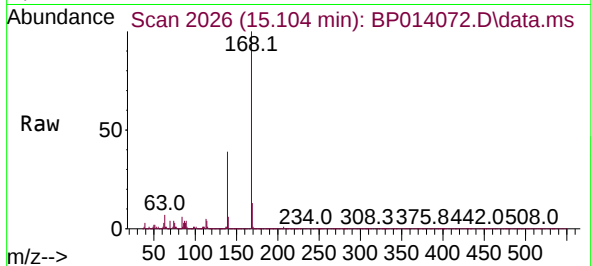
#55
Dibenzenofuran
Concen: 7.502 ng
RT: 15.104 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion:168 Resp: 210409
Ion Ratio Lower Upper
168 100
139 39.1 32.9 49.3
169 13.0 10.6 15.8

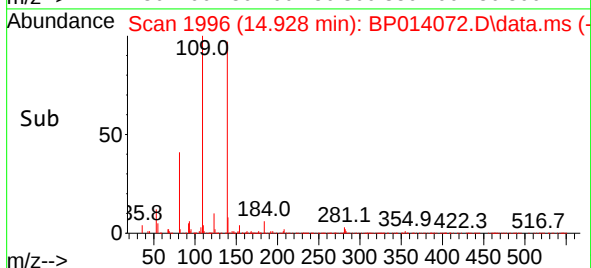
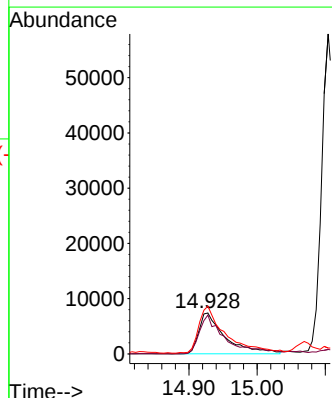
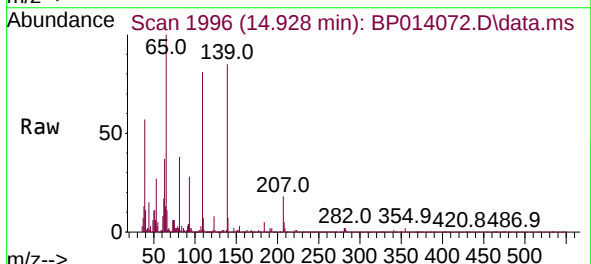
Manual Integrations
APPROVED

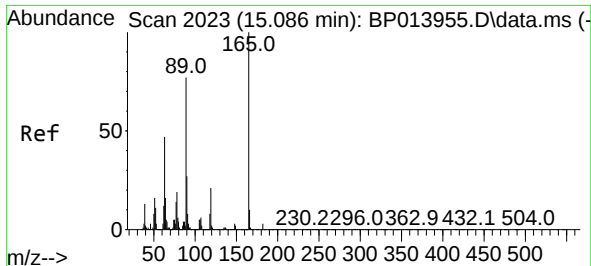
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#56
4-Nitrophenol
Concen: 4.942 ng
RT: 14.928 min Scan# 1996
Delta R.T. 0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Tgt Ion:139 Resp: 19873
Ion Ratio Lower Upper
139 100
109 95.0 87.0 127.0
65 117.0 92.1 132.1





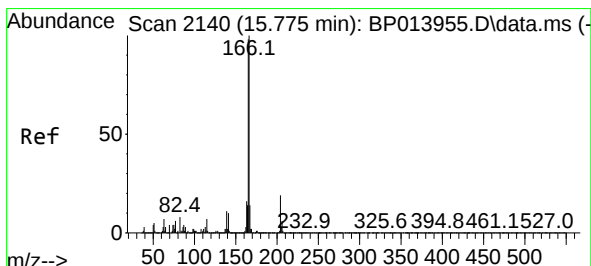
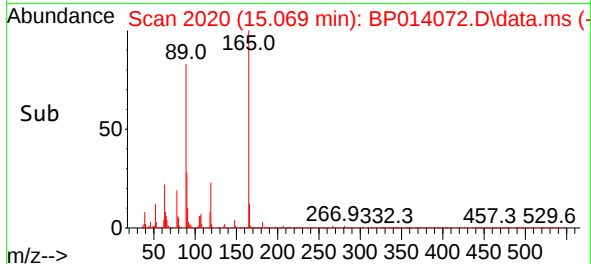
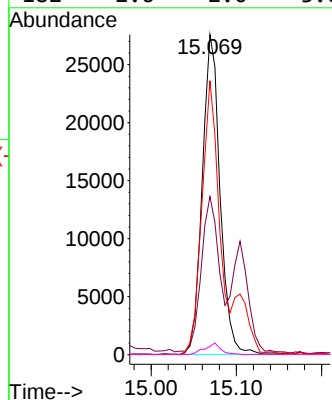
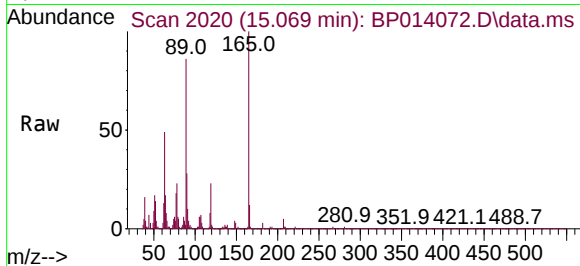
#57
2,4-Dinitrotoluene
Concen: 5.951 ng
RT: 15.069 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:165 Resp: 40078
Ion Ratio Lower Upper
165 100
63 49.4 37.5 56.3
89 85.6 61.8 92.8
182 2.6 2.0 3.0

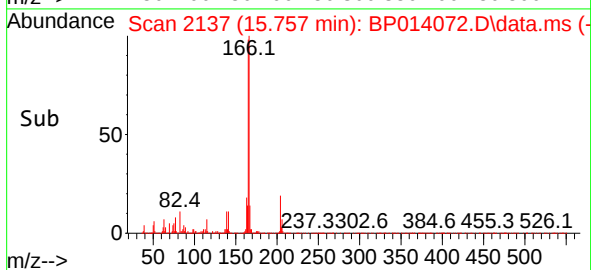
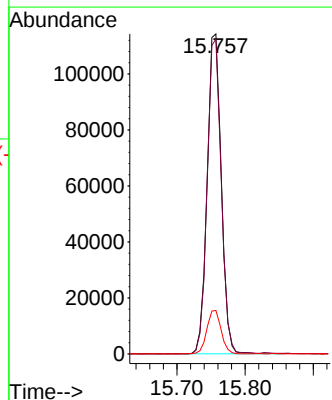
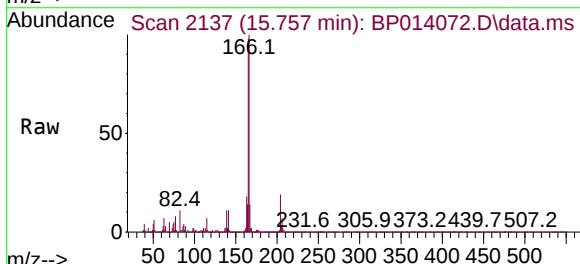
Manual Integrations
APPROVED

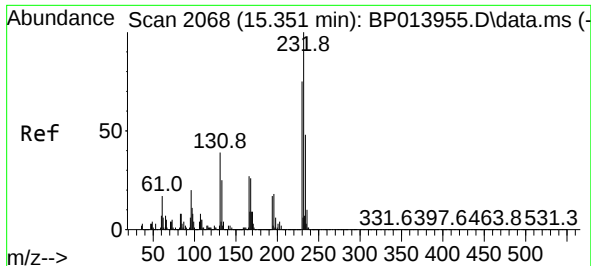
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#58
Fluorene
Concen: 7.370 ng
RT: 15.757 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Tgt Ion:166 Resp: 164133
Ion Ratio Lower Upper
166 100
165 98.4 78.1 117.1
167 13.6 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 6.289 ng m

RT: 15.334 min Scan# 2065

Delta R.T. -0.006 min

Lab File: BP014072.D

Acq: 13 Mar 2023 20:16

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion:232 Resp: 44421

Ion Ratio Lower Upper

232 100

131 38.9 32.5 48.7

130 2.6 1.9 2.9

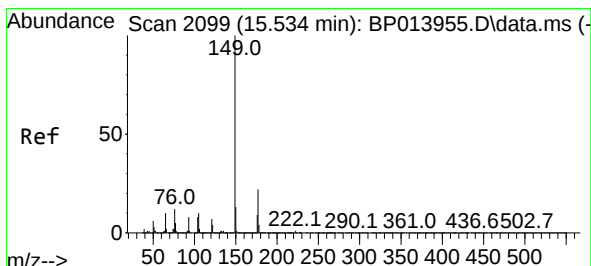
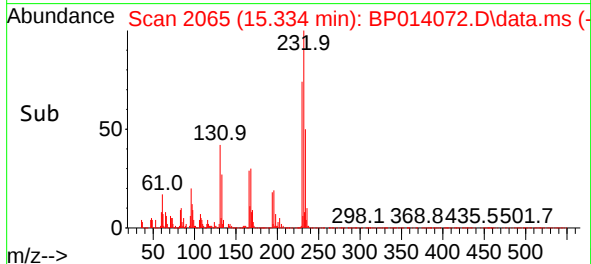
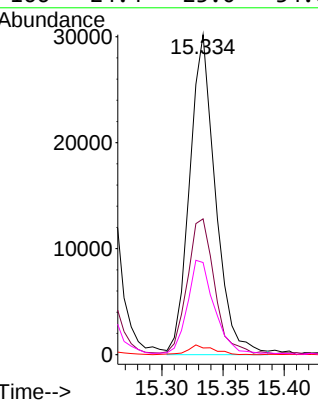
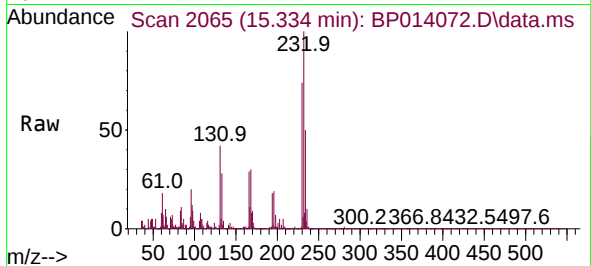
166 24.4 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#60

Diethylphthalate

Concen: 6.616 ng

RT: 15.516 min Scan# 2096

Delta R.T. -0.006 min

Lab File: BP014072.D

Acq: 13 Mar 2023 20:16

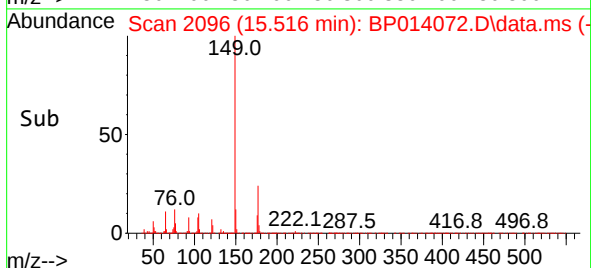
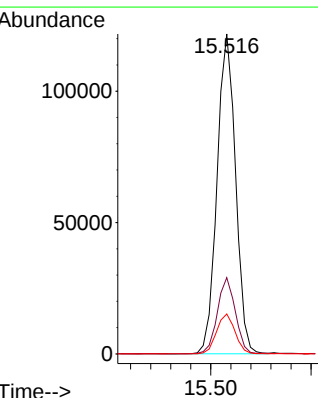
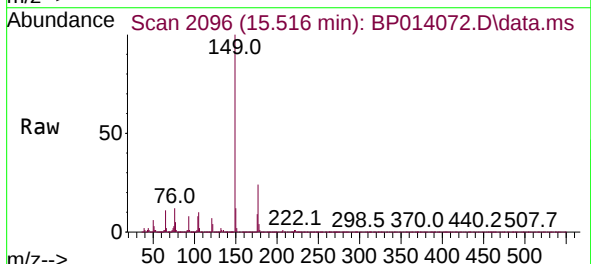
Tgt Ion:149 Resp: 156277

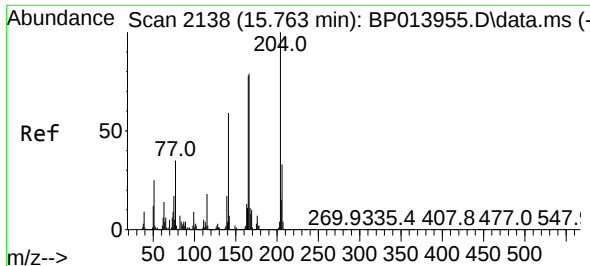
Ion Ratio Lower Upper

149 100

177 23.8 18.0 27.0

150 12.5 10.3 15.5





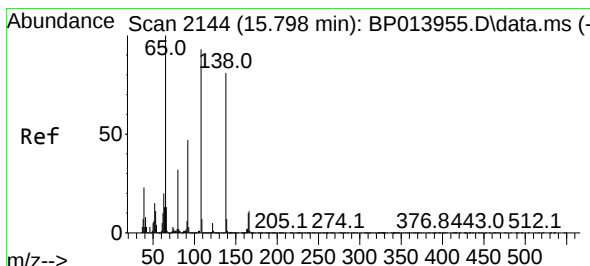
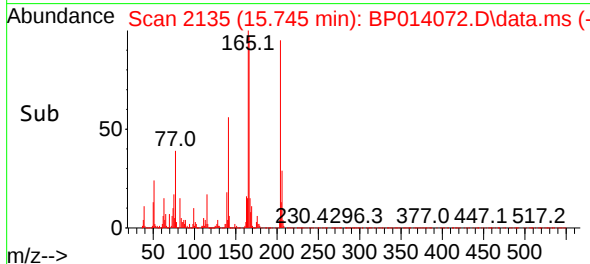
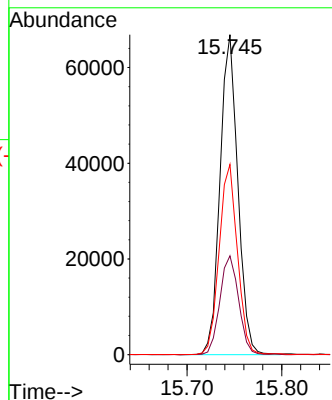
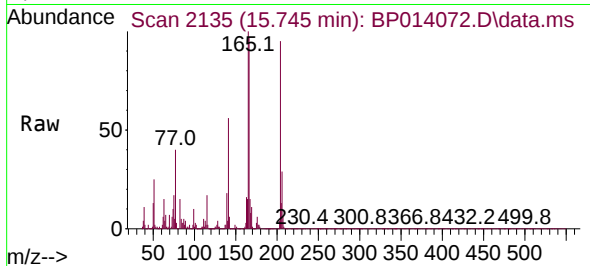
#61
4-Chlorophenyl-phenylether
Concen: 6.901 ng
RT: 15.745 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion:204 Resp: 8712
Ion Ratio Lower Upper
204 100
206 30.9 26.2 39.4
141 59.4 46.9 70.3

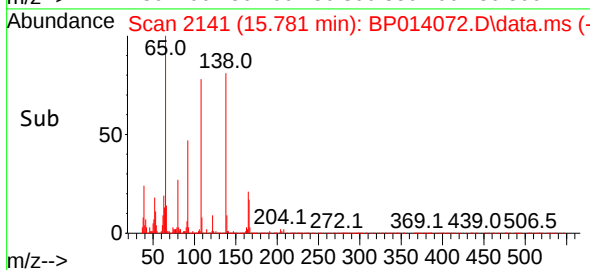
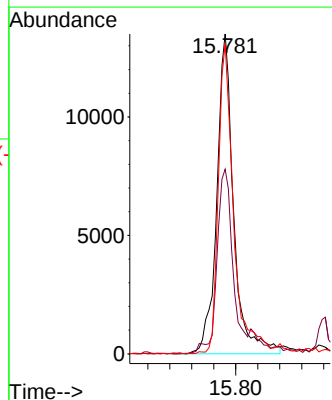
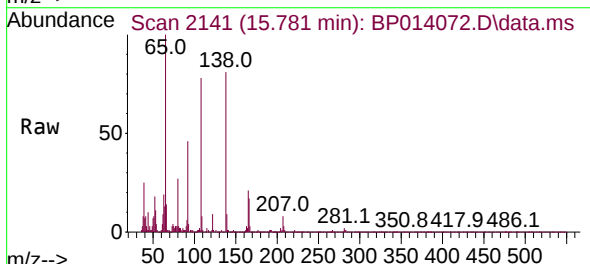
Manual Integrations
APPROVED

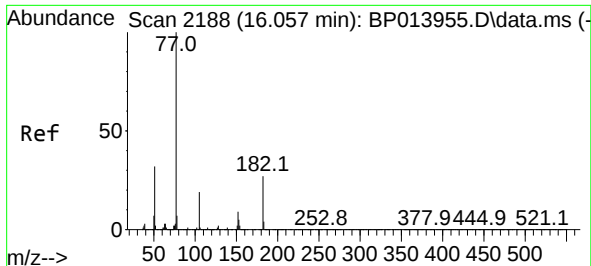
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#62
4-Nitroaniline
Concen: 5.857 ng
RT: 15.781 min Scan# 2141
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

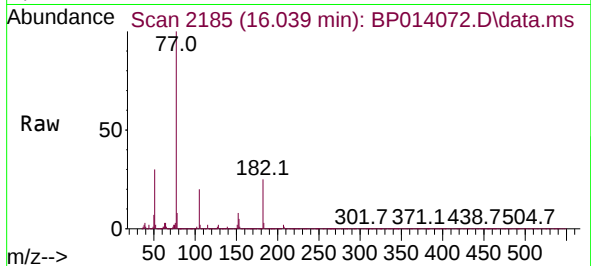
Tgt Ion:138 Resp: 28797
Ion Ratio Lower Upper
138 100
92 57.7 37.9 77.9
108 96.9 94.9 134.9





#63
Azobenzene
Concen: 7.067 ng
RT: 16.039 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

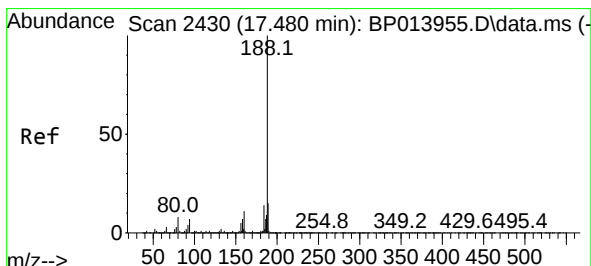
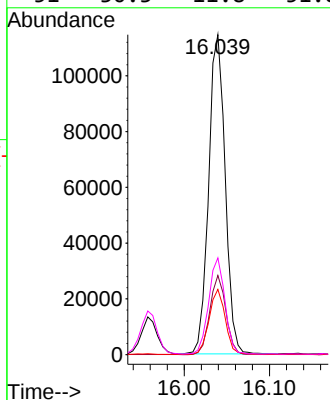
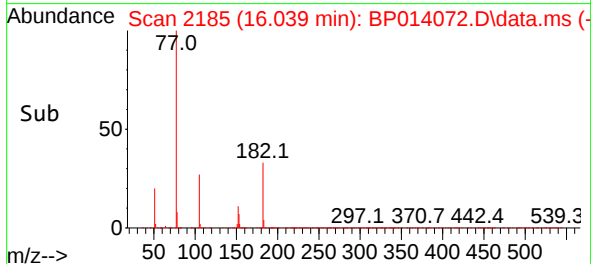
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 77 Resp: 154480
Ion Ratio Lower Upper
77 100
182 24.7 6.9 46.9
105 20.4 0.0 39.4
51 30.3 11.8 51.8

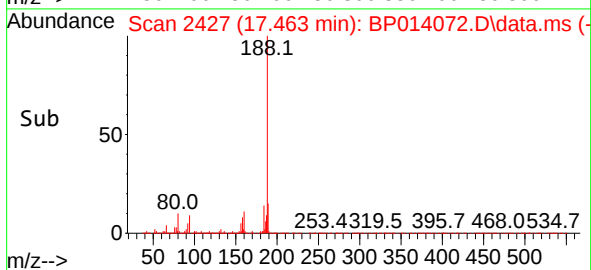
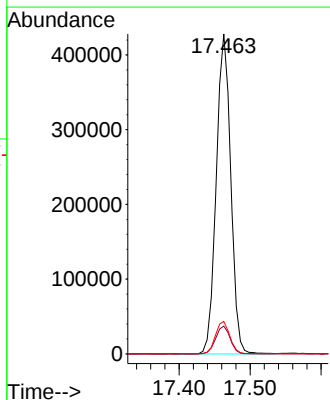
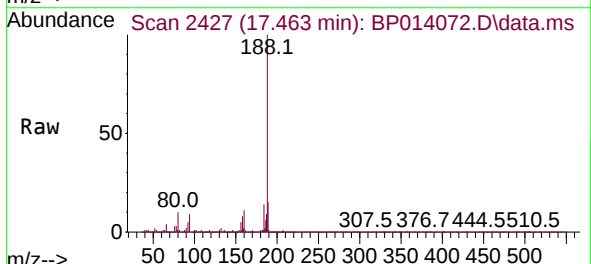
Manual Integrations
APPROVED

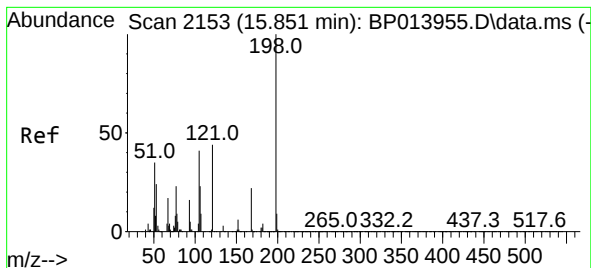
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.463 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Tgt Ion:188 Resp: 608318
Ion Ratio Lower Upper
188 100
94 8.7 5.8 8.6#
80 10.1 6.6 9.8#





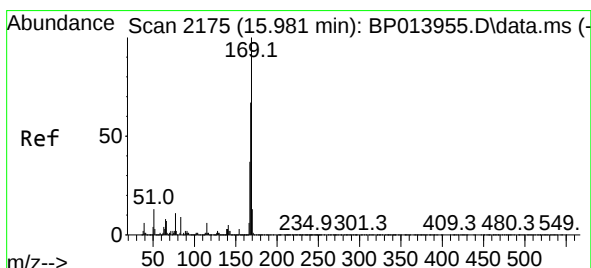
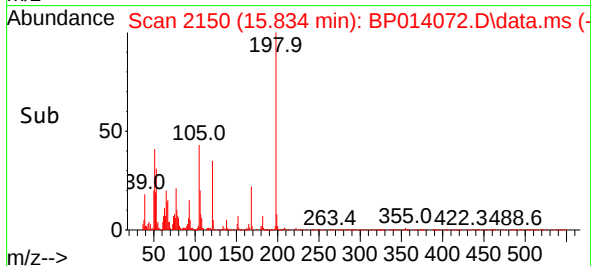
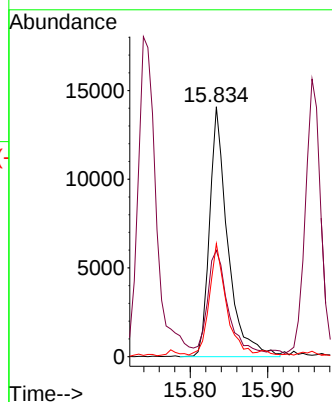
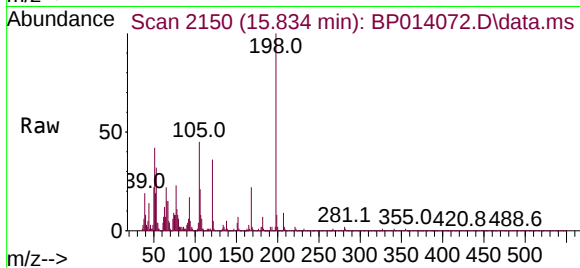
#65
4,6-Dinitro-2-methylphenol
Concen: 5.087 ng
RT: 15.834 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:198 Resp: 22921
Ion Ratio Lower Upper
198 100
51 42.5 22.1 62.1
105 45.2 21.5 61.5

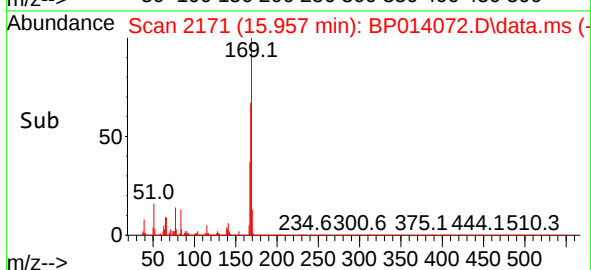
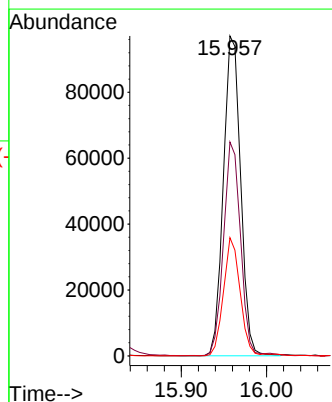
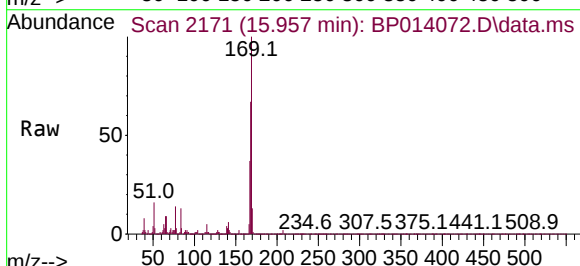
Manual Integrations
APPROVED

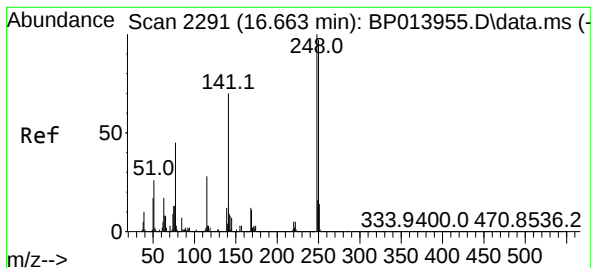
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#66
n-Nitrosodiphenylamine
Concen: 7.102 ng
RT: 15.957 min Scan# 2171
Delta R.T. -0.012 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Tgt Ion:169 Resp: 136513
Ion Ratio Lower Upper
169 100
168 66.8 54.0 81.0
167 36.9 29.4 44.2





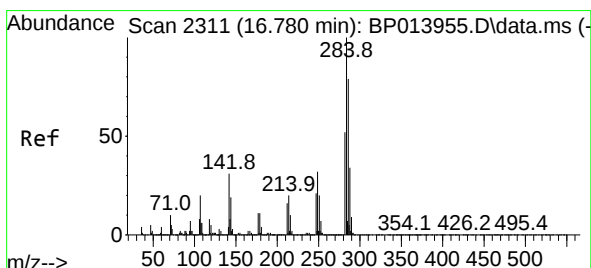
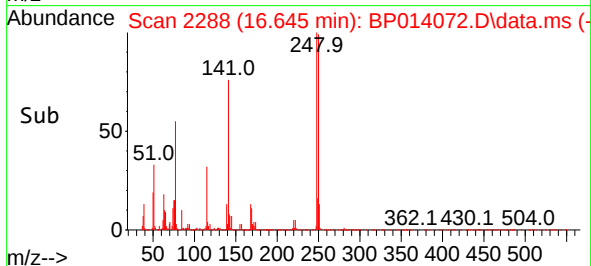
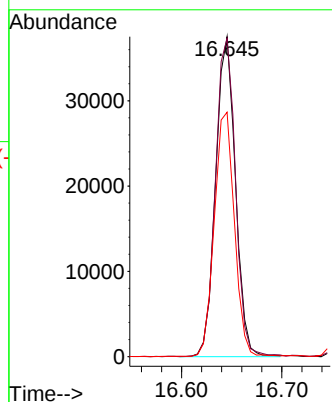
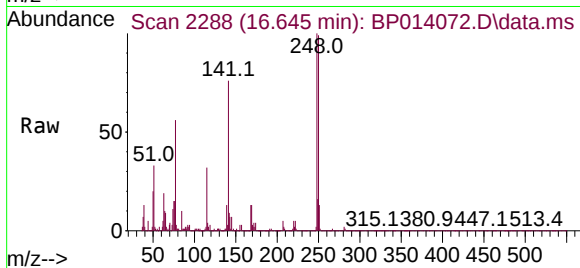
#67
4-Bromophenyl-phenylether
Concen: 6.396 ng
RT: 16.645 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion:248 Resp: 51463
Ion Ratio Lower Upper
248 100
250 99.4 77.9 116.9
141 76.4 56.0 84.0

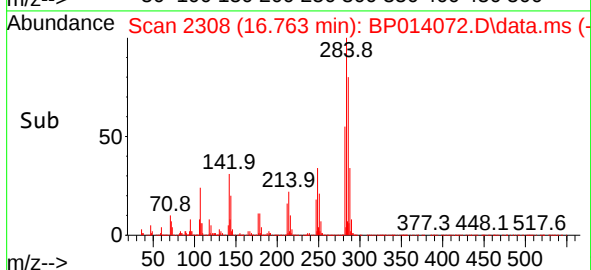
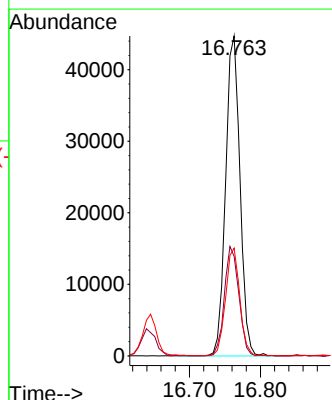
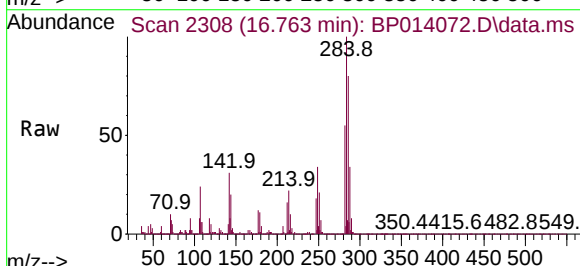
Manual Integrations
APPROVED

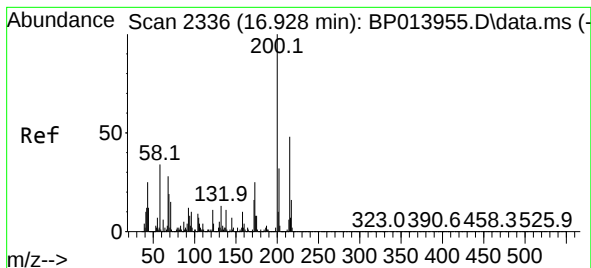
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#68
Hexachlorobenzene
Concen: 7.301 ng
RT: 16.763 min Scan# 2308
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Tgt Ion:284 Resp: 62973
Ion Ratio Lower Upper
284 100
142 31.1 24.8 37.2
249 33.7 25.7 38.5





#69

Atrazine

Concen: 7.195 ng

RT: 16.910 min Scan# 2333

Delta R.T. -0.006 min

Lab File: BP014072.D

Acq: 13 Mar 2023 20:16

Instrument :

BNA_P

ClientSampleId :

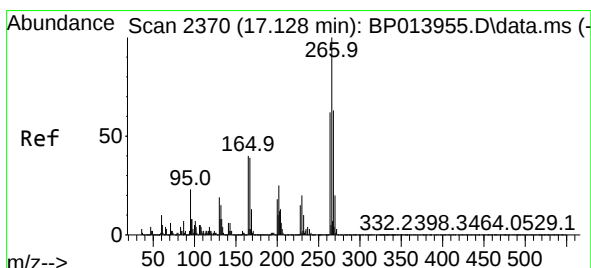
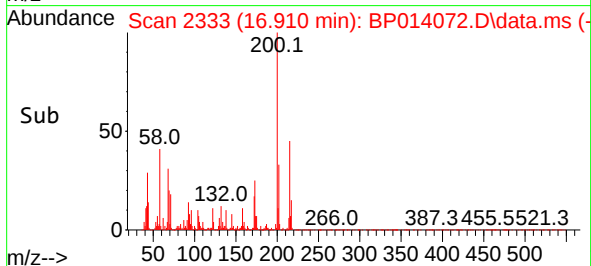
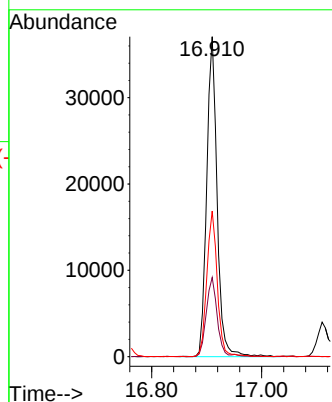
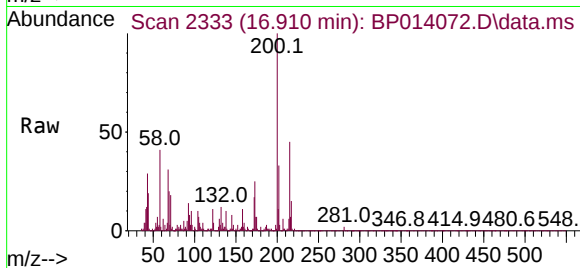
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:200 Resp: 4855
 Ion Ratio Lower Upper
 200 100
 173 24.7 5.5 45.5
 215 45.5 27.9 67.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2023
 Supervised By :Jagrut Upadhyay 03/14/2023



#70

Pentachlorophenol

Concen: 5.178 ng

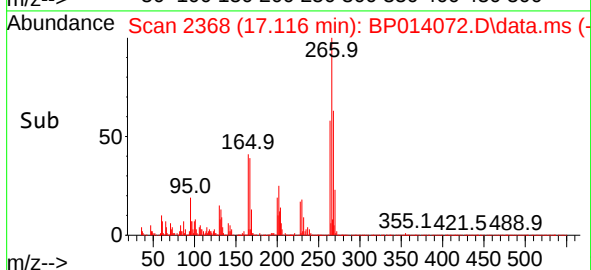
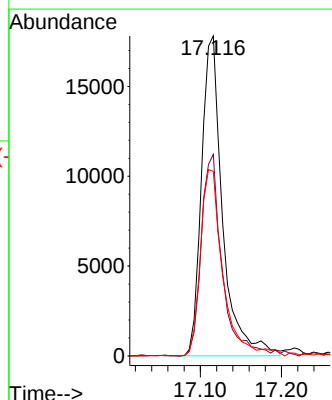
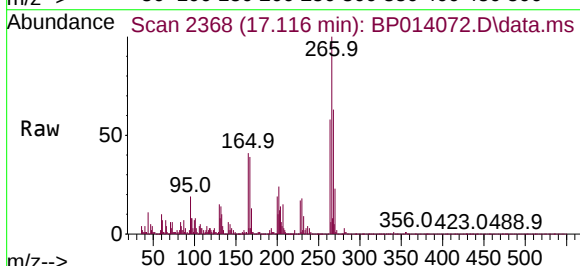
RT: 17.116 min Scan# 2368

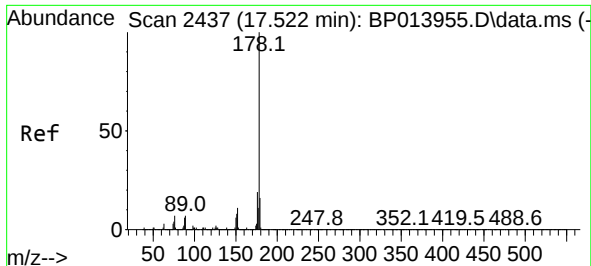
Delta R.T. 0.000 min

Lab File: BP014072.D

Acq: 13 Mar 2023 20:16

Tgt Ion:266 Resp: 32211
 Ion Ratio Lower Upper
 266 100
 268 63.0 50.4 75.6
 264 57.7 49.2 73.8





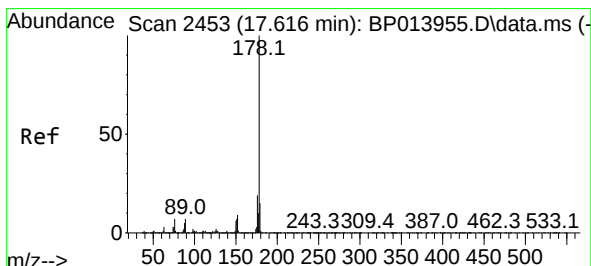
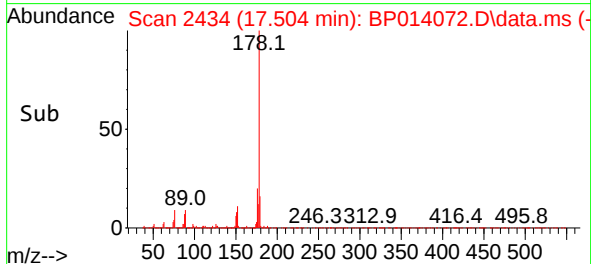
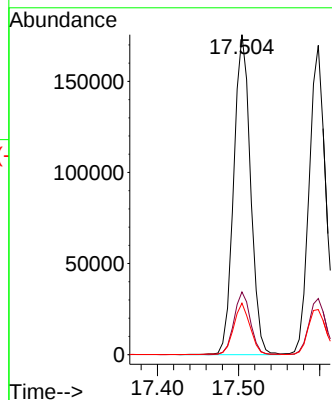
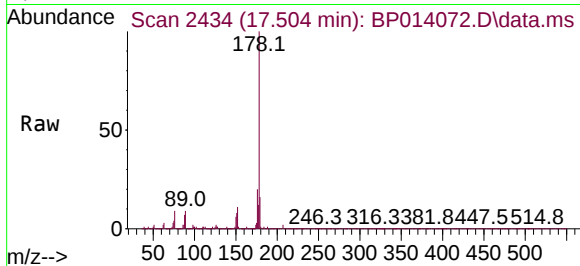
#71
Phenanthrene
Concen: 7.457 ng
RT: 17.504 min Scan# 2437
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion:178 Resp: 253411
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 16.1 12.6 19.0

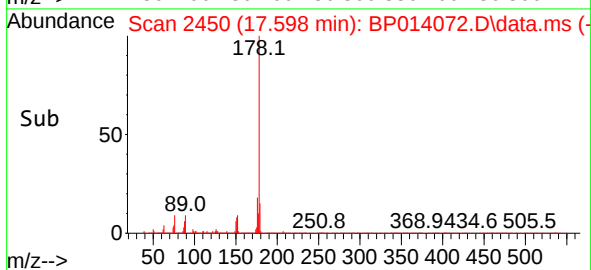
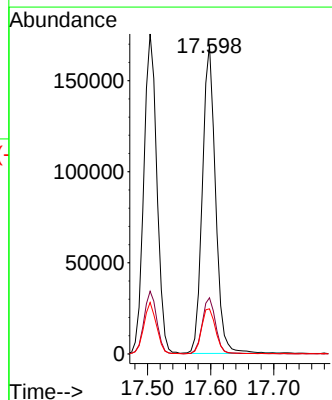
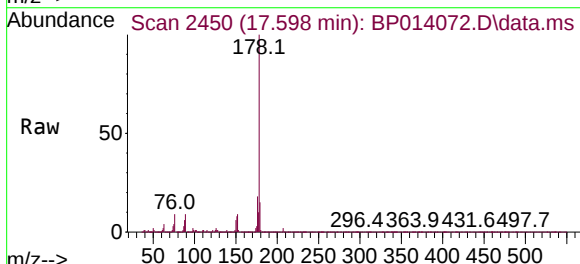
Manual Integrations
APPROVED

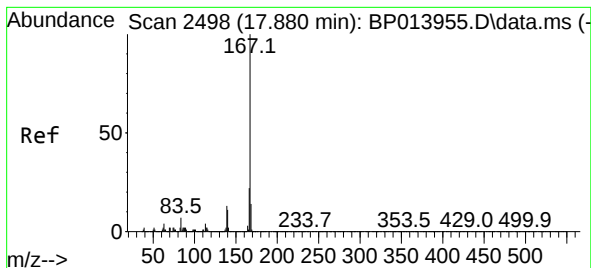
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#72
Anthracene
Concen: 7.030 ng
RT: 17.598 min Scan# 2450
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Tgt Ion:178 Resp: 244095
Ion Ratio Lower Upper
178 100
176 18.1 14.9 22.3
179 14.6 12.1 18.1





#73

Carbazole

Concen: 7.261 ng

RT: 17.863 min Scan# 2498

Delta R.T. -0.006 min

Lab File: BP014072.D

Acq: 13 Mar 2023 20:16

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

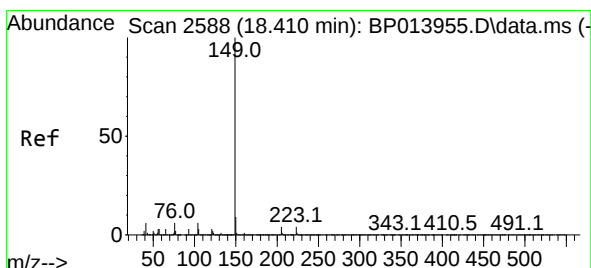
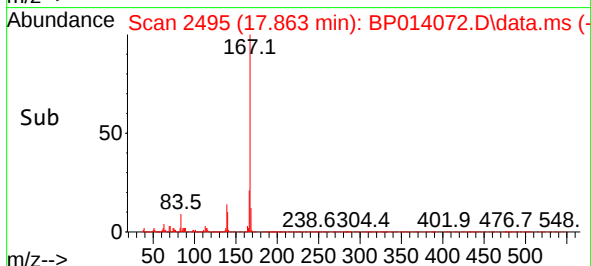
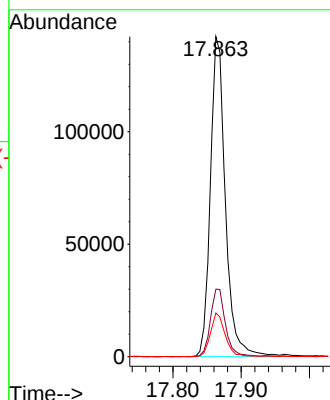
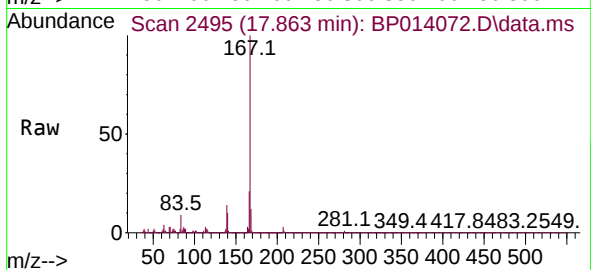
Tgt Ion:	167	Resp:	217488
Ion Ratio	Lower	Upper	
167	100		
166	21.1	17.2	25.8
139	13.6	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#74

Di-n-butylphthalate

Concen: 6.304 ng

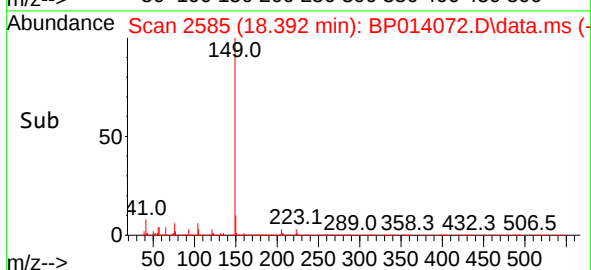
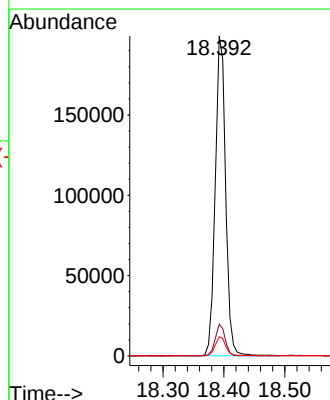
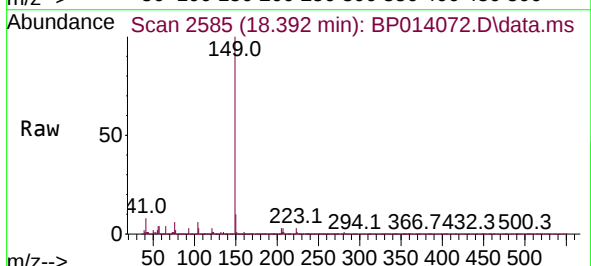
RT: 18.392 min Scan# 2585

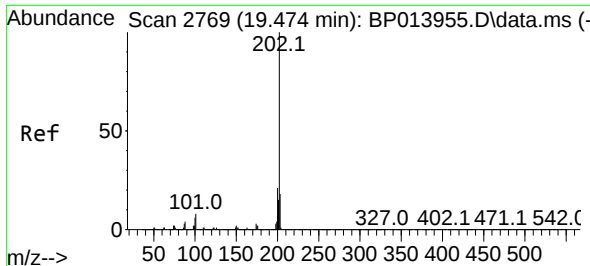
Delta R.T. -0.006 min

Lab File: BP014072.D

Acq: 13 Mar 2023 20:16

Tgt Ion:	149	Resp:	236094
Ion Ratio	Lower	Upper	
149	100		
150	9.9	7.2	10.8
104	6.0	4.6	7.0





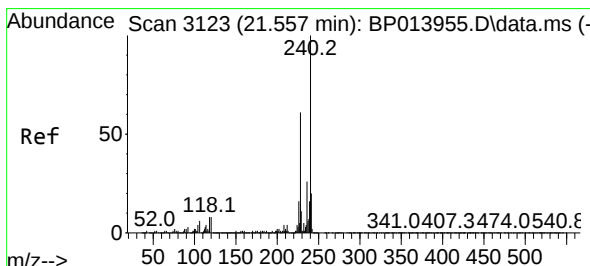
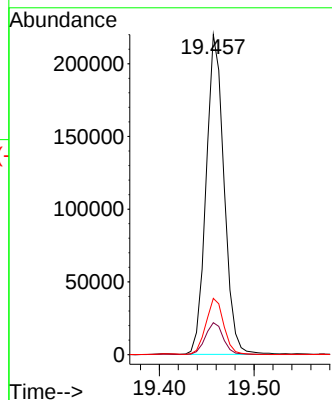
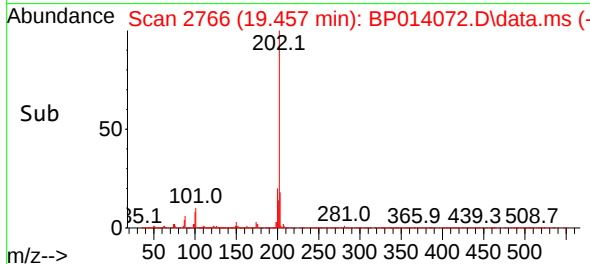
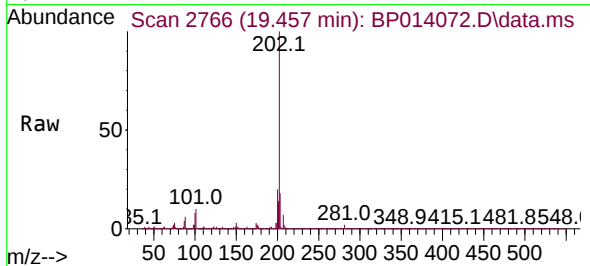
#75
Fluoranthene
Concen: 7.136 ng
RT: 19.457 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:202 Resp: 28985
Ion Ratio Lower Upper
202 100
101 10.0 0.0 27.9
203 17.6 0.0 37.7

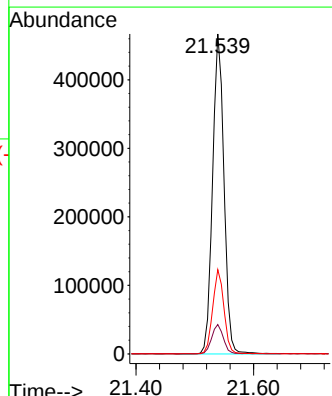
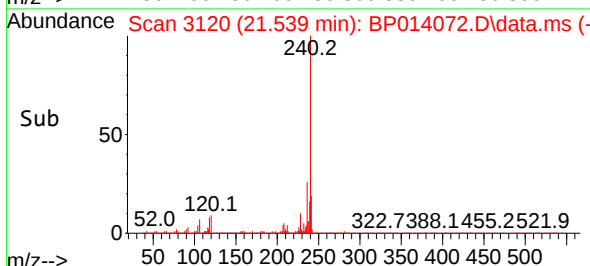
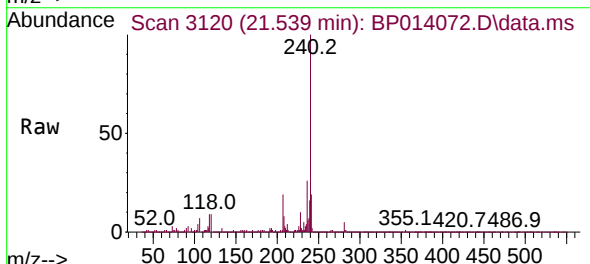
Manual Integrations
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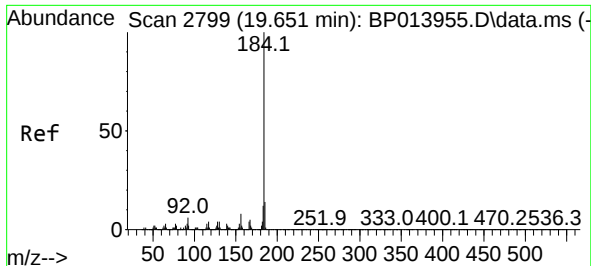
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.539 min Scan# 3120
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Tgt Ion:240 Resp: 627795
Ion Ratio Lower Upper
240 100
120 9.2 6.4 9.6
236 26.3 21.2 31.8





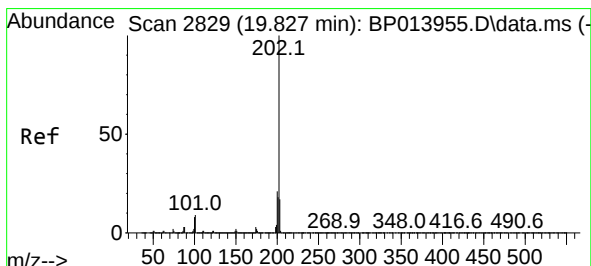
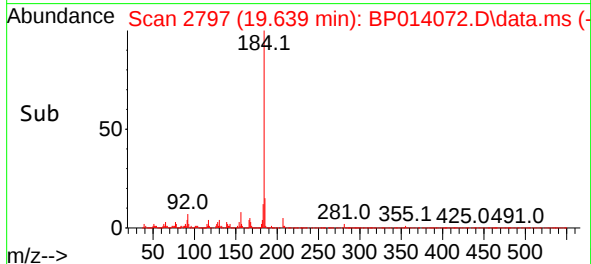
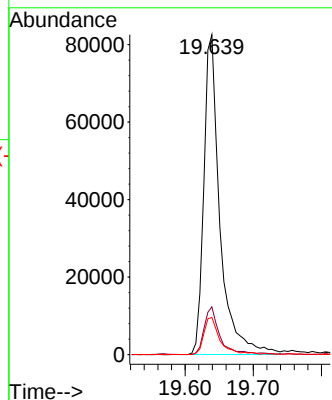
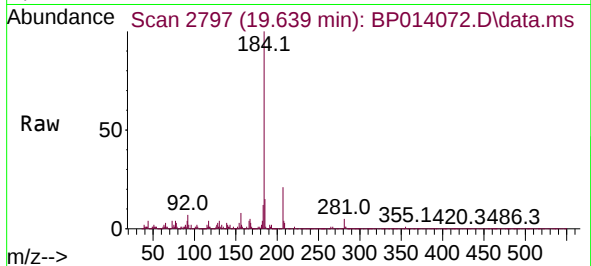
#77
Benzidine
Concen: 11.818 ng
RT: 19.639 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:184 Resp: 135710
Ion Ratio Lower Upper
184 100
185 14.9 11.6 17.4
183 11.6 9.7 14.5

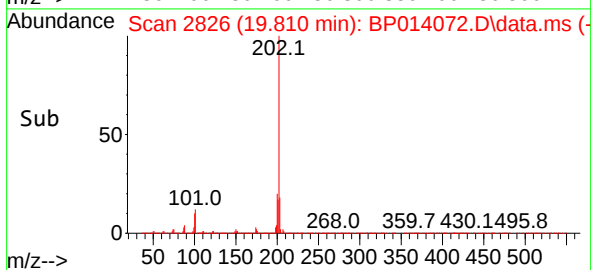
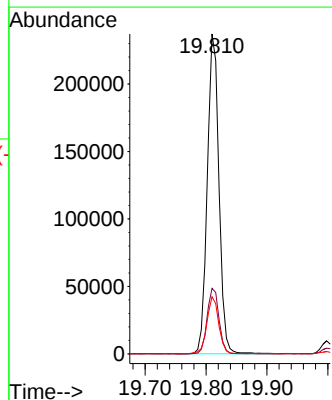
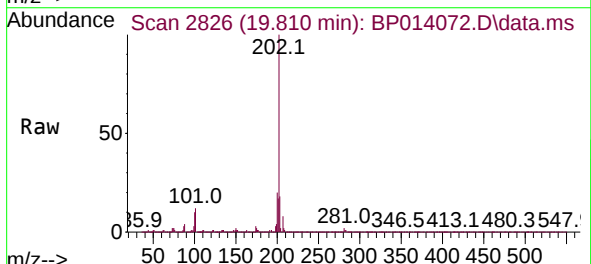
Manual Integrations
APPROVED

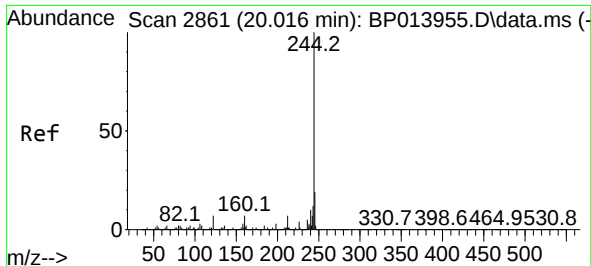
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#78
Pyrene
Concen: 6.523 ng
RT: 19.810 min Scan# 2826
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

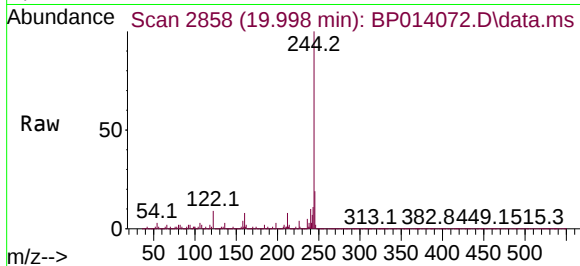
Tgt Ion:202 Resp: 314299
Ion Ratio Lower Upper
202 100
200 20.5 16.9 25.3
203 17.9 13.9 20.9





#79
 Terphenyl-d14
 Concen: 76.794 ng
 RT: 19.998 min Scan# 2861
 Delta R.T. -0.006 min
 Lab File: BP014072.D
 Acq: 13 Mar 2023 20:16

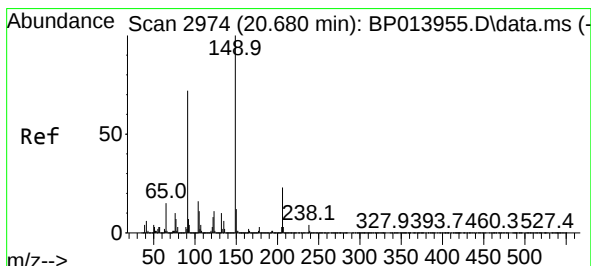
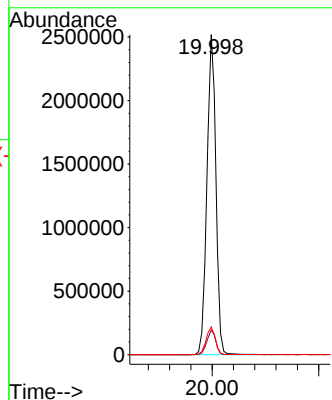
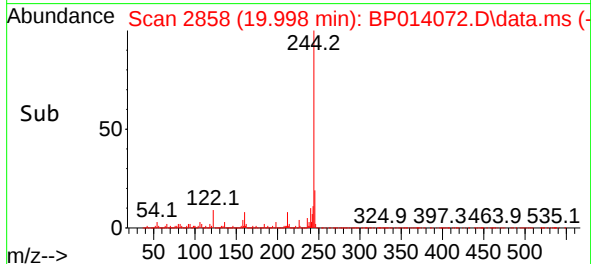
Instrument : BNA_P
 ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion:244 Resp: 2923729
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 8.6 5.8 8.6

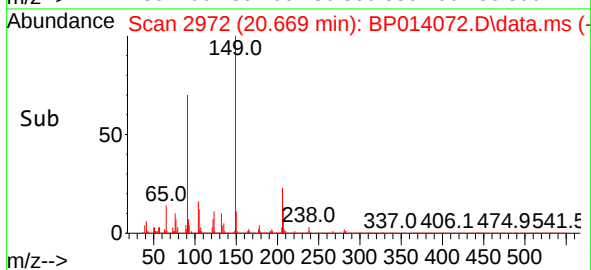
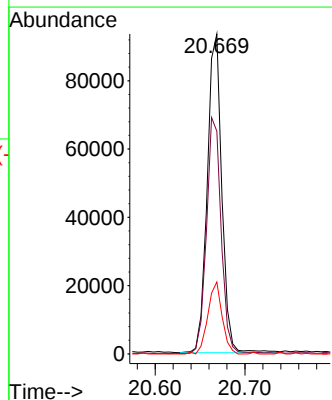
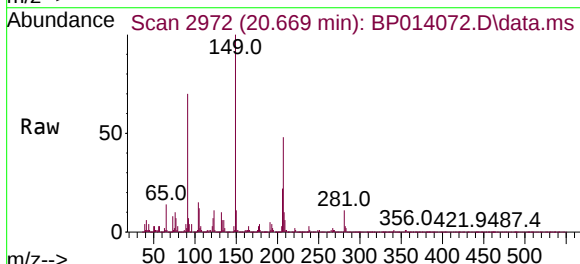
Manual Integrations
 APPROVED

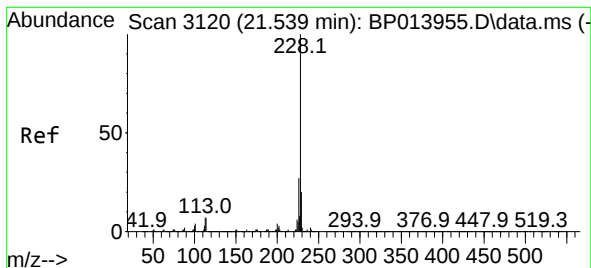
Reviewed By :Christian Giraldo 03/14/2023
 Supervised By :Jagrut Upadhyay 03/14/2023



#80
 Butylbenzylphthalate
 Concen: 5.744 ng
 RT: 20.669 min Scan# 2972
 Delta R.T. 0.000 min
 Lab File: BP014072.D
 Acq: 13 Mar 2023 20:16

Tgt Ion:149 Resp: 104939
 Ion Ratio Lower Upper
 149 100
 91 69.6 58.0 87.0
 206 22.5 18.7 28.1





#81

Benzo(a)anthracene

Concen: 7.150 ng

RT: 21.522 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BP014072.D

Acq: 13 Mar 2023 20:16

Instrument :

BNA_P

ClientSampleId :

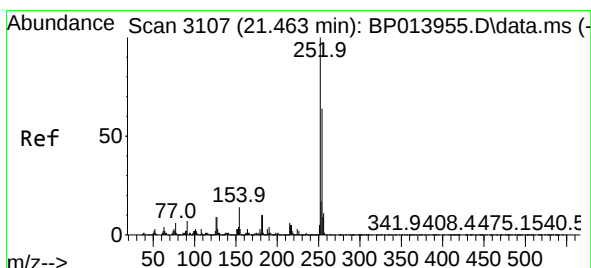
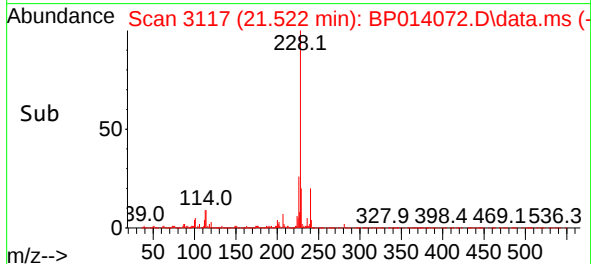
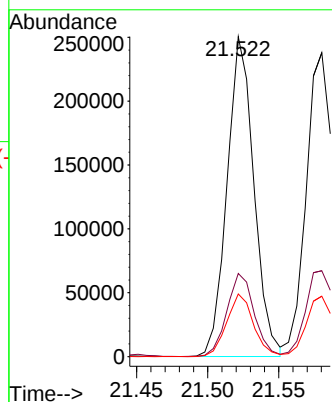
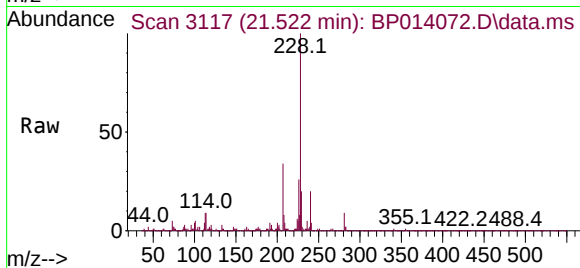
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:228	Resp: 329375
Ion Ratio	Lower Upper
228 100	
226 26.0	21.8 32.8
229 19.6	15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#82

3,3'-Dichlorobenzidine

Concen: 8.094 ng

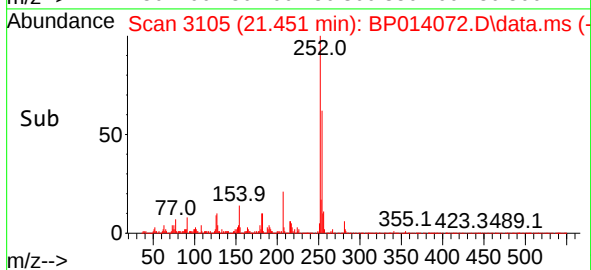
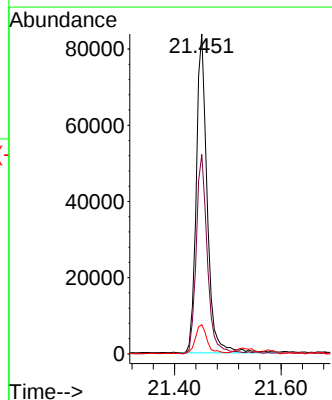
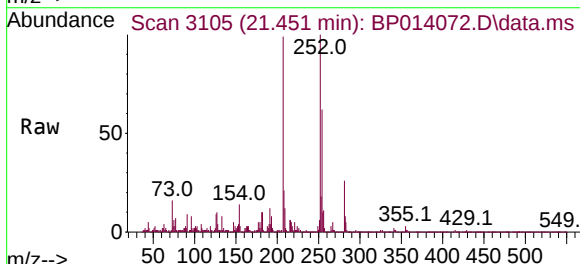
RT: 21.451 min Scan# 3105

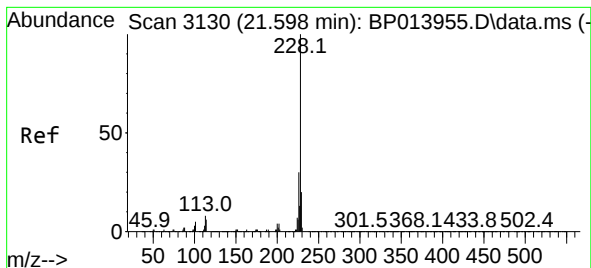
Delta R.T. 0.000 min

Lab File: BP014072.D

Acq: 13 Mar 2023 20:16

Tgt Ion:252	Resp: 119306
Ion Ratio	Lower Upper
252 100	
254 62.3	51.0 76.6
126 9.1	7.0 10.6





#83

Chrysene

Concen: 7.512 ng

RT: 21.580 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP014072.D

Acq: 13 Mar 2023 20:16

Instrument :

BNA_P

ClientSampleId :

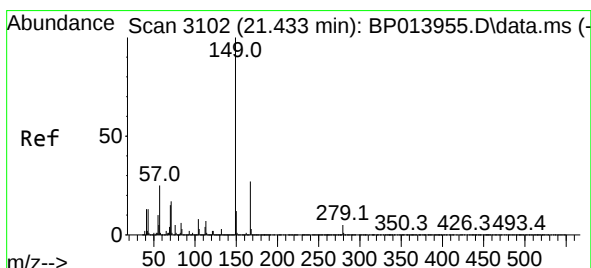
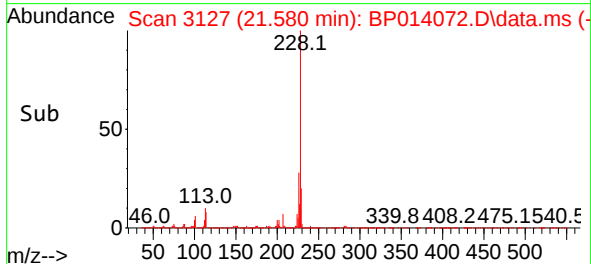
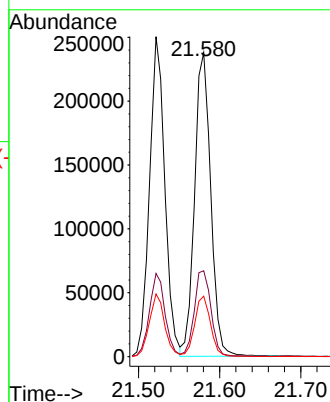
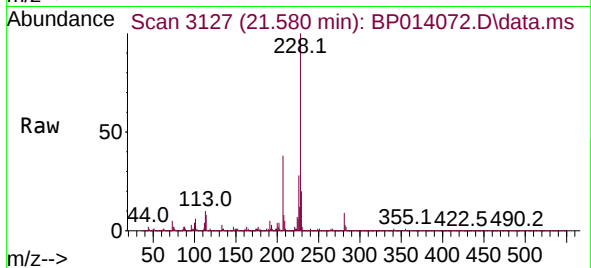
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:	228	Resp:	327702
Ion Ratio	Lower	Upper	
228	100		
226	28.3	24.2	36.4
229	19.9	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.755 ng

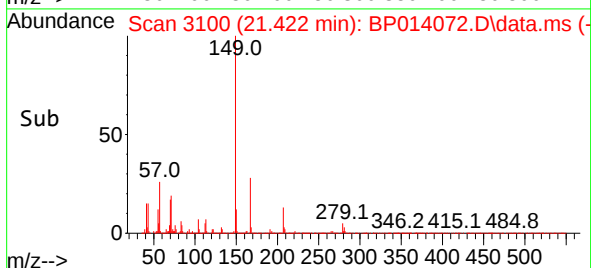
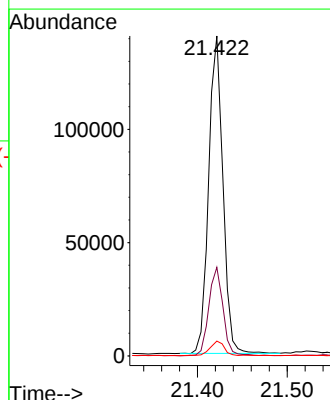
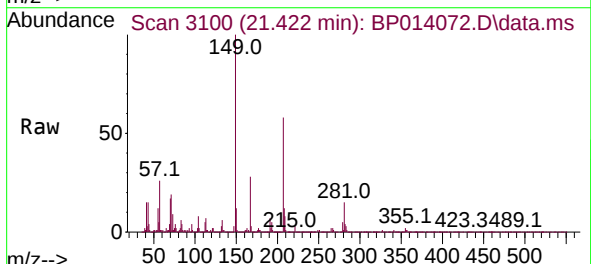
RT: 21.422 min Scan# 3100

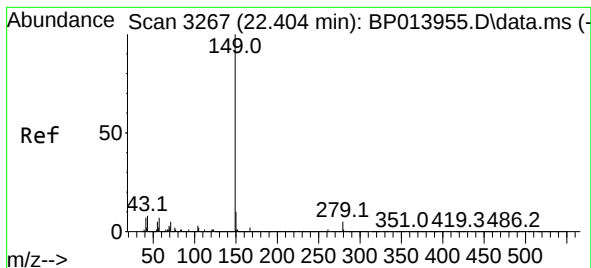
Delta R.T. 0.000 min

Lab File: BP014072.D

Acq: 13 Mar 2023 20:16

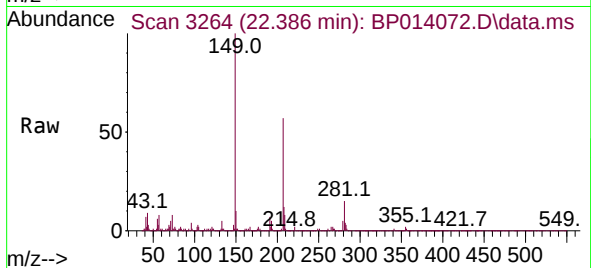
Tgt Ion:	149	Resp:	154232
Ion Ratio	Lower	Upper	
149	100		
167	27.7	21.8	32.6
279	4.6	4.0	6.0





#85
Di-n-octyl phthalate
Concen: 6.190 ng
RT: 22.386 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

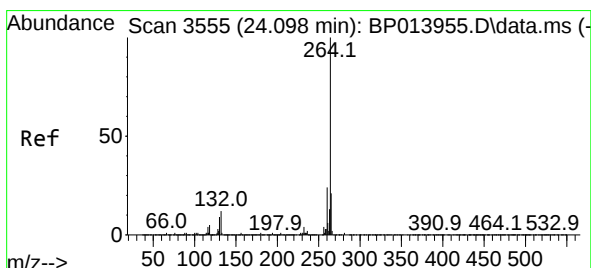
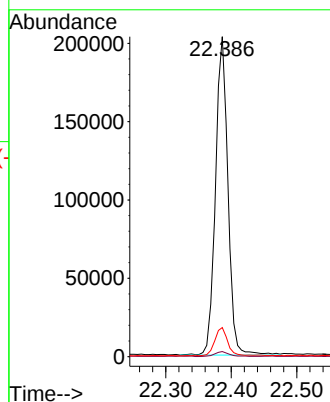
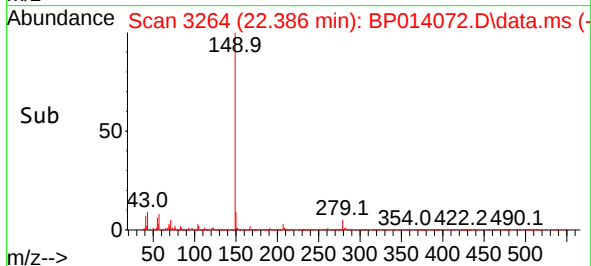
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion:149 Resp: 269279
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 9.2 6.4 9.6

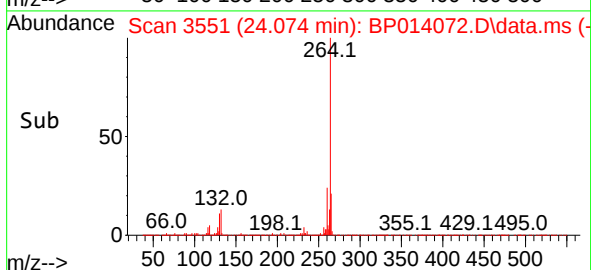
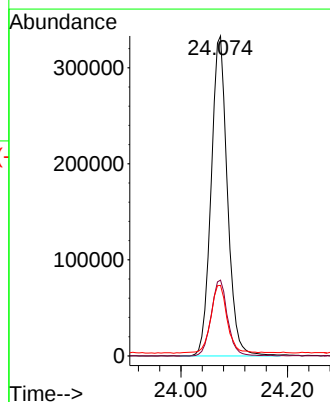
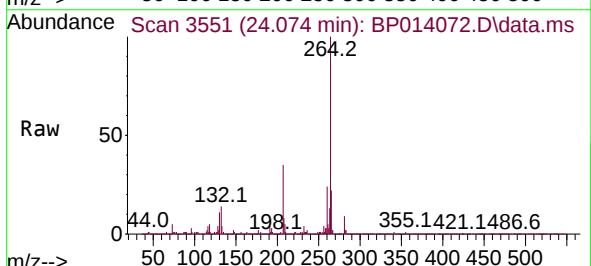
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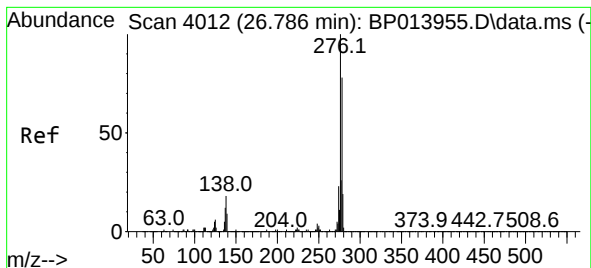
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.074 min Scan# 3551
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Tgt Ion:264 Resp: 705838
Ion Ratio Lower Upper
264 100
260 23.7 19.4 29.2
265 22.0 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.562 ng

RT: 26.733 min Scan# 4012

Delta R.T. -0.018 min

Lab File: BP014072.D

Acq: 13 Mar 2023 20:16

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion:276 Resp: 412410

Ion Ratio Lower Upper

276 100

138 19.7 13.8 20.8

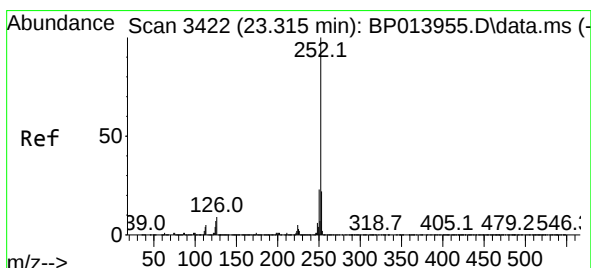
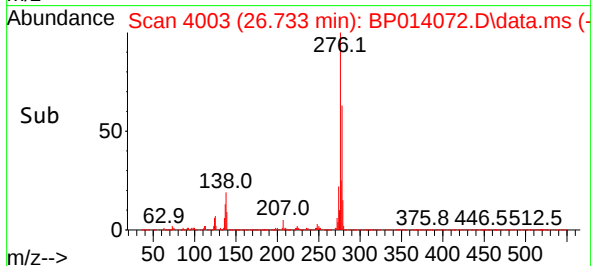
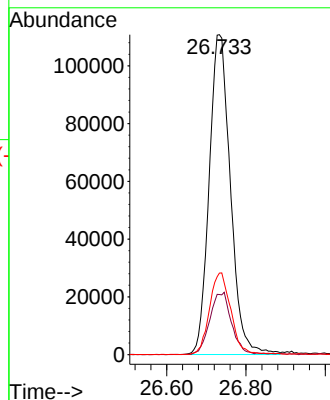
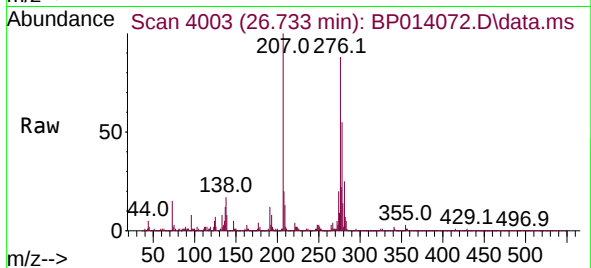
277 25.5 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#88

Benzo(b)fluoranthene

Concen: 7.216 ng

RT: 23.292 min Scan# 3418

Delta R.T. -0.006 min

Lab File: BP014072.D

Acq: 13 Mar 2023 20:16

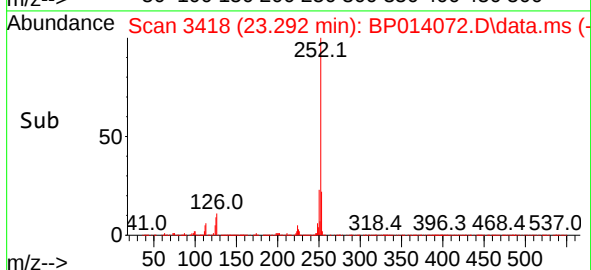
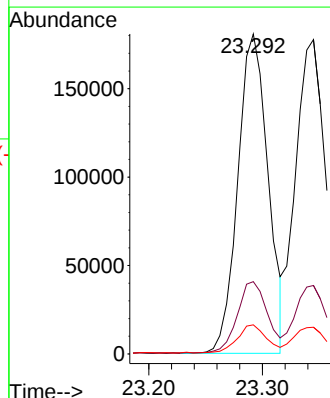
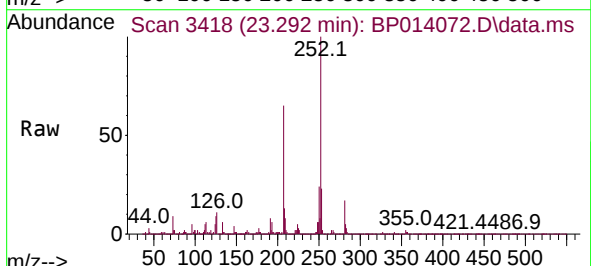
Tgt Ion:252 Resp: 333518

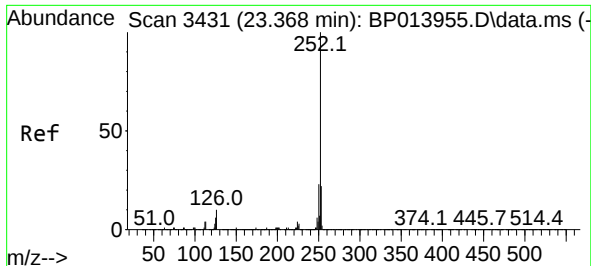
Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

125 9.1 5.6 8.4#





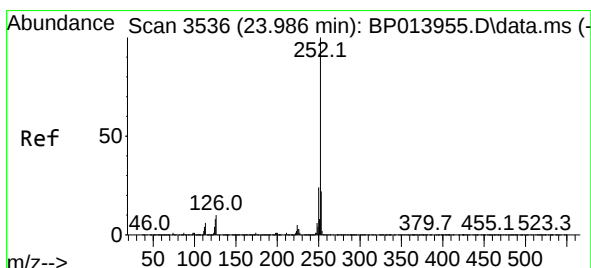
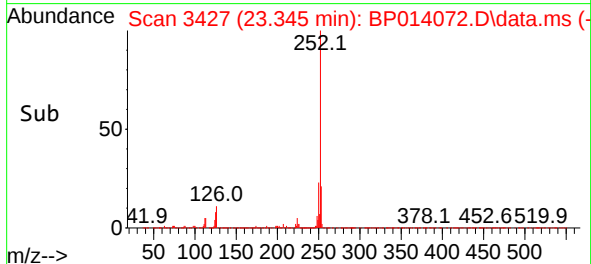
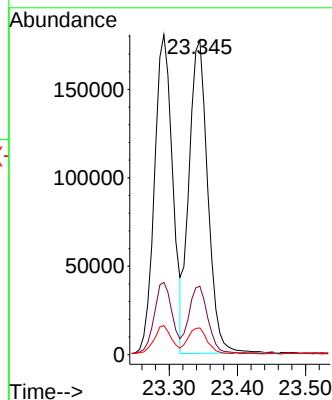
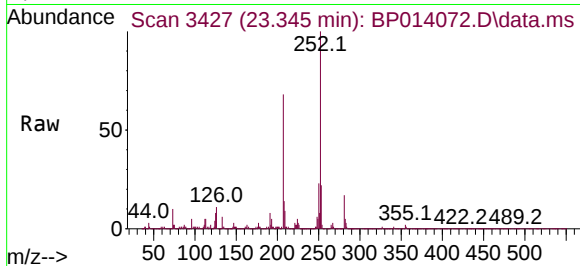
#89
Benzo(k)fluoranthene
Concen: 7.403 ng
RT: 23.345 min Scan# 3431
Delta R.T. -0.006 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion:252 Resp: 339239
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 8.5 5.4 8.0

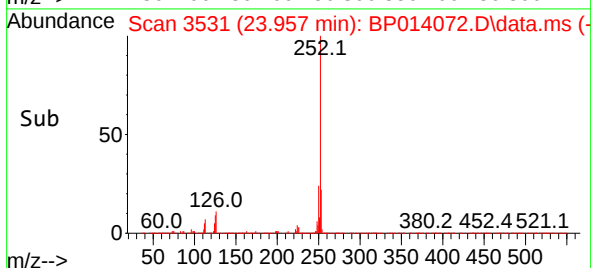
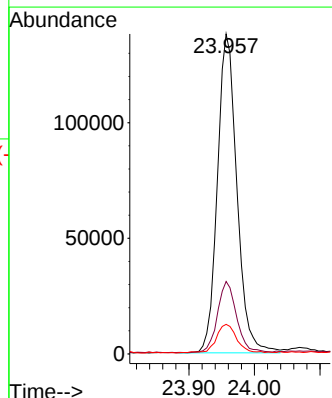
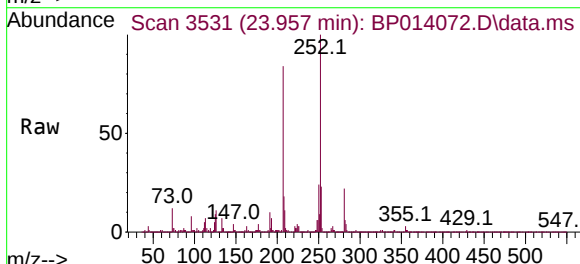
Manual Integrations
APPROVED

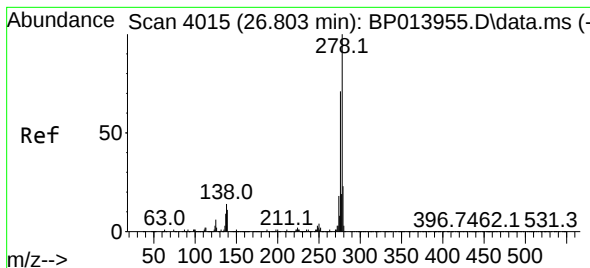
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#90
Benzo(a)pyrene
Concen: 6.492 ng
RT: 23.957 min Scan# 3531
Delta R.T. -0.012 min
Lab File: BP014072.D
Acq: 13 Mar 2023 20:16

Tgt Ion:252 Resp: 286194
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 9.2 6.2 9.4





#91

Dibenzo(a,h)anthracene

Concen: 7.561 ng

RT: 26.757 min Scan# 4015

Delta R.T. -0.006 min

Lab File: BP014072.D

Acq: 13 Mar 2023 20:16

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

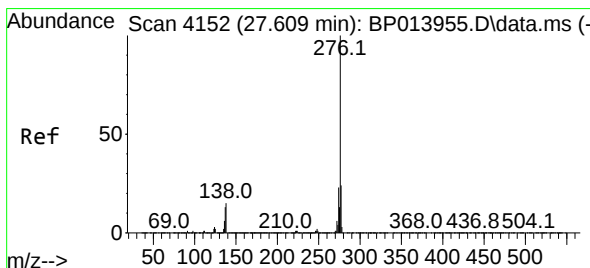
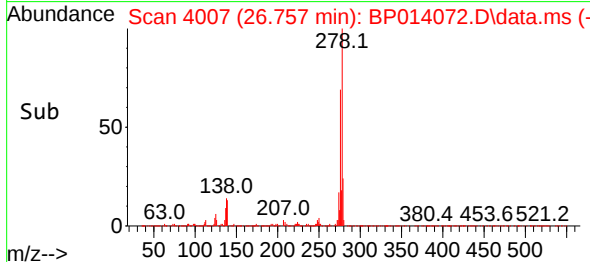
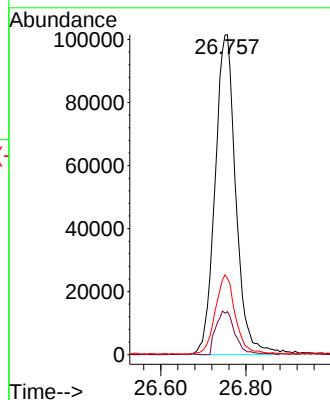
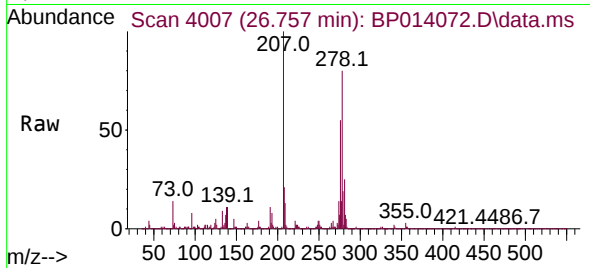
Tgt Ion:	278	Resp:	34281
Ion Ratio	Lower	Upper	
278	100		
139	13.4	8.7	13.1
279	23.9	18.8	28.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#92

Benzo(g,h,i)perylene

Concen: 7.633 ng

RT: 27.556 min Scan# 4143

Delta R.T. -0.012 min

Lab File: BP014072.D

Acq: 13 Mar 2023 20:16

Tgt Ion:	276	Resp:	342964
Ion Ratio	Lower	Upper	
276	100		
277	22.7	19.4	29.0
138	18.2	12.2	18.4

