

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031323\
 Data File : BP014071.D
 Acq On : 13 Mar 2023 19:42
 Operator : CG/JU
 Sample : 01627-07
 Misc : LOD-MDL-WATER 4ppm
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Mar 14 04:22:57 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	151939	20.000	ng	0.00
21) Naphthalene-d8	10.893	136	541703	20.000	ng	0.00
39) Acenaphthene-d10	14.710	164	326299	20.000	ng	0.00
64) Phenanthrene-d10	17.463	188	664146	20.000	ng	# 0.00
76) Chrysene-d12	21.539	240	531741	20.000	ng	0.00
86) Perylene-d12	24.074	264	510829	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.611	112	1056969	112.817	ng	0.00
7) Phenol-d6	7.222	99	1366305	111.076	ng	0.00
23) Nitrobenzene-d5	9.246	82	994960	83.949	ng	0.00
42) 2,4,6-Tribromophenol	16.198	330	551511	104.246	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	2059710	81.781	ng	0.00
79) Terphenyl-d14	19.998	244	2651653	82.229	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.470	88	16488	4.051	ng	97
3) Pyridine	3.905	79	34567m	3.058	ng	
4) n-Nitrosodimethylamine	3.793	42	18890	3.765	ng	# 86
6) Aniline	7.399	93	57831	3.579	ng	98
8) 2-Chlorophenol	7.628	128	38393	3.826	ng	95
9) Benzaldehyde	7.205	77	39460	6.411	ng	95
10) Phenol	7.246	94	48981	3.826	ng	89
11) bis(2-Chloroethyl)ether	7.487	93	37682	3.718	ng	96
12) 1,3-Dichlorobenzene	7.958	146	43241	3.921	ng	97
13) 1,4-Dichlorobenzene	8.105	146	45173	4.049	ng	98
14) 1,2-Dichlorobenzene	8.428	146	42687	3.995	ng	97
15) Benzyl Alcohol	8.316	79	32736	3.264	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.599	45	49099	4.449	ng	98
17) 2-Methylphenol	8.516	107	30689	3.361	ng	96
18) Hexachloroethane	9.157	117	16377	3.908	ng	95
19) n-Nitroso-di-n-propyla...	8.875	70	28232	3.487	ng	97
20) 3+4-Methylphenols	8.846	107	39897	3.245	ng	97
22) Acetophenone	8.905	105	59097	3.889	ng	# 98
24) Nitrobenzene	9.287	77	50876	4.195	ng	96
25) Isophorone	9.810	82	72414	3.316	ng	98
26) 2-Nitrophenol	10.004	139	15889	3.012	ng	96
27) 2,4-Dimethylphenol	10.057	122	31062	3.622	ng	97
28) bis(2-Chloroethoxy)met...	10.293	93	47650	3.770	ng	96
29) 2,4-Dichlorophenol	10.546	162	29450	3.137	ng	91
30) 1,2,4-Trichlorobenzene	10.751	180	39853	3.739	ng	96
31) Naphthalene	10.946	128	116805	3.924	ng	98
32) Benzoic acid	10.175	122	8656m	3.851	ng	
33) 4-Chloroaniline	11.063	127	40621	3.183	ng	97
34) Hexachlorobutadiene	11.222	225	27953	3.607	ng	# 87
35) Caprolactam	11.840	113	7720m	2.873	ng	
36) 4-Chloro-3-methylphenol	12.169	107	33345	3.185	ng	95
37) 2-Methylnaphthalene	12.546	142	77495	3.529	ng	98
38) 1-Methylnaphthalene	12.763	142	72300	3.532	ng	98
40) 1,2,4,5-Tetrachloroben...	12.904	216	47698	3.835	ng	99
41) Hexachlorocyclopentadiene	12.881	237	23479	3.008	ng	98
43) 2,4,6-Trichlorophenol	13.145	196	25688	3.267	ng	90

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 Sample : 01627-07
 Misc : LOD-MDL-WATER 4ppm
 ALS Vial : 12 Sample Multiplier: 1

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

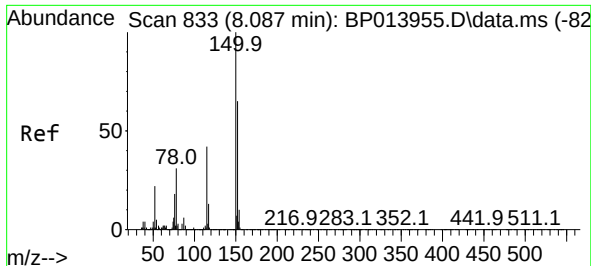
Quant Time: Mar 14 04:22:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.228	196	26404	2.898	ng	95
46) 1,1'-Biphenyl	13.545	154	107244	4.083	ng	99
47) 2-Chloronaphthalene	13.587	162	80602	3.987	ng	98
48) 2-Nitroaniline	13.798	65	17432	2.841	ng	93
49) Acenaphthylene	14.428	152	112301	3.493	ng	98
50) Dimethylphthalate	14.157	163	96196	3.574	ng	99
51) 2,6-Dinitrotoluene	14.281	165	17101	3.017	ng	93
52) Acenaphthene	14.775	154	73275	3.786	ng	94
53) 3-Nitroaniline	14.622	138	15911m	2.864	ng	
54) 2,4-Dinitrophenol	14.839	184	6587m	4.585	ng	
55) Dibenzofuran	15.104	168	121031	3.836	ng	98
56) 4-Nitrophenol	14.945	139	9694	2.143	ng	# 85
57) 2,4-Dinitrotoluene	15.075	165	20177	2.663	ng	93
58) Fluorene	15.757	166	92185	3.679	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.334	232	24293	3.057	ng	98
60) Diethylphthalate	15.516	149	89503	3.368	ng	99
61) 4-Chlorophenyl-phenyle...	15.745	204	48911	3.444	ng	96
62) 4-Nitroaniline	15.787	138	13991	2.529	ng	# 83
63) Azobenzene	16.039	77	83654	3.401	ng	96
65) 4,6-Dinitro-2-methylph...	15.839	198	10489	2.132	ng	89
66) n-Nitrosodiphenylamine	15.963	169	75684	3.606	ng	99
67) 4-Bromophenyl-phenylether	16.645	248	29290	3.334	ng	96
68) Hexachlorobenzene	16.763	284	35335	3.752	ng	96
69) Atrazine	16.910	200	25137	3.412	ng	97
70) Pentachlorophenol	17.116	266	15252	2.246	ng	# 80
71) Phenanthrene	17.504	178	140864	3.797	ng	97
72) Anthracene	17.598	178	133698	3.527	ng	99
73) Carbazole	17.869	167	109283	3.342	ng	99
74) Di-n-butylphthalate	18.392	149	119350	2.919	ng	99
75) Fluoranthene	19.463	202	145167	3.273	ng	97
77) Benzidine	19.639	184	56931	7.236	ng	97
78) Pyrene	19.810	202	151435	3.710	ng	99
80) Butylbenzylphthalate	20.669	149	42016	2.715	ng	96
81) Benzo(a)anthracene	21.522	228	134286	3.442	ng	99
82) 3,3'-Dichlorobenzidine	21.451	252	46575	3.731	ng	97
83) Chrysene	21.580	228	137617	3.725	ng	97
84) Bis(2-ethylhexyl)phtha...	21.422	149	56270	2.479	ng	98
85) Di-n-octyl phthalate	22.386	149	90304	2.451	ng	# 91
87) Indeno(1,2,3-cd)pyrene	26.733	276	140197	3.552	ng	97
88) Benzo(b)fluoranthene	23.292	252	120289	3.596	ng	# 98
89) Benzo(k)fluoranthene	23.345	252	126699	3.820	ng	# 97
90) Benzo(a)pyrene	23.957	252	100001	3.134	ng	# 96
91) Dibenzo(a,h)anthracene	26.751	278	114738	3.497	ng	96
92) Benzo(g,h,i)perylene	27.562	276	117754	3.621	ng	# 92

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



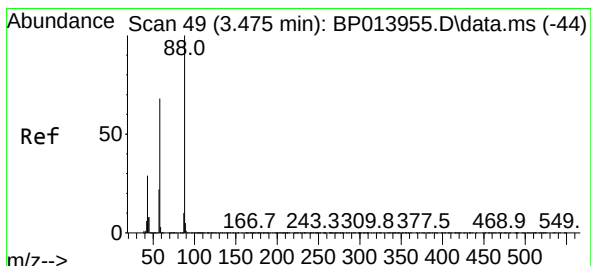
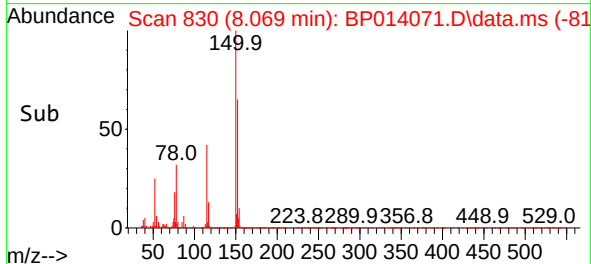
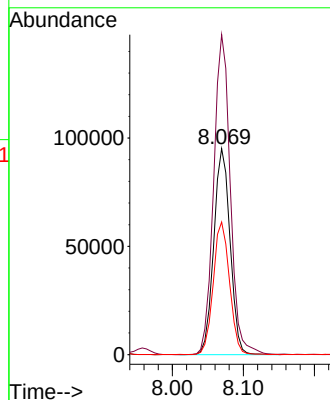
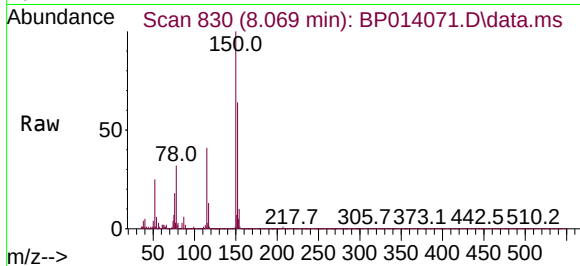
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.069 min Scan# 833
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

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

Tgt Ion:152 Resp: 151939
Ion Ratio Lower Upper
152 100
150 155.3 122.3 183.5
115 64.4 51.6 77.4

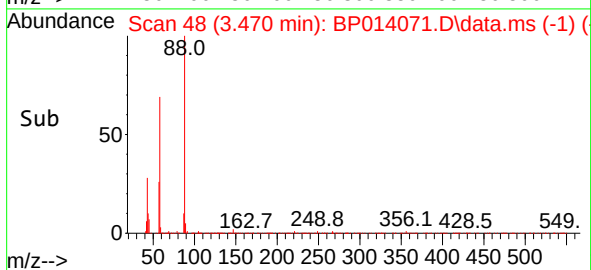
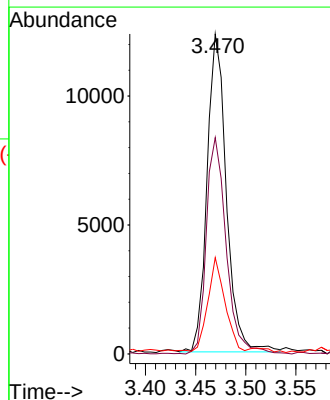
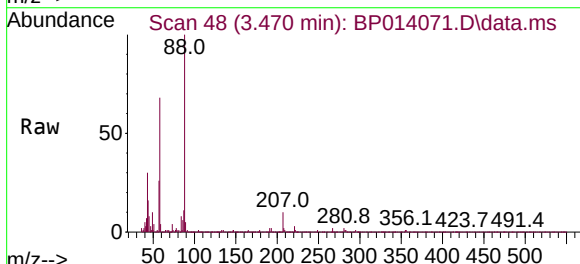
Manual Integrations
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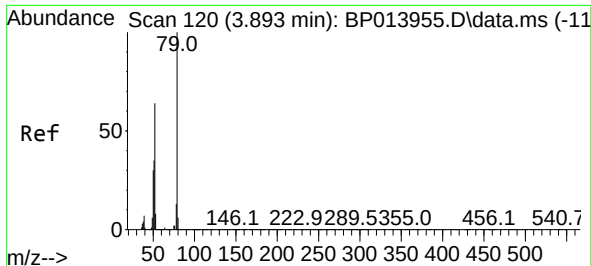
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#2
1,4-Dioxane
Concen: 4.051 ng
RT: 3.470 min Scan# 48
Delta R.T. 0.000 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

Tgt Ion: 88 Resp: 16488
Ion Ratio Lower Upper
88 100
58 69.9 53.8 80.8
43 25.6 22.1 33.1





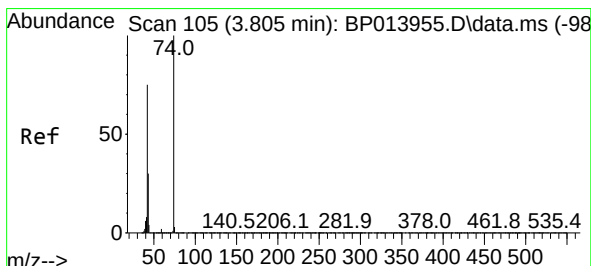
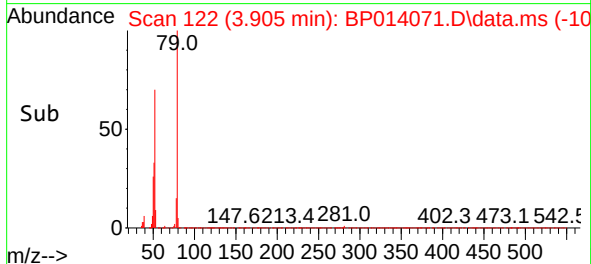
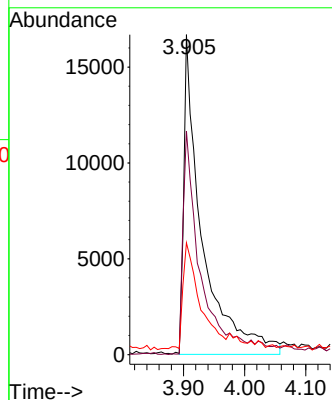
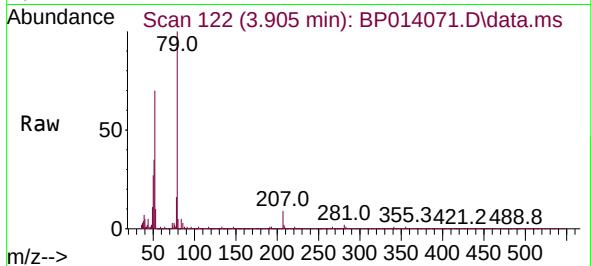
#3
Pyridine
Concen: 3.058 ng m
RT: 3.905 min Scan# 11
Delta R.T. 0.018 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

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

Tgt Ion: 79 Resp: 3456
Ion Ratio Lower Upper
79 100
52 69.9 51.0 76.4
51 34.9 28.2 42.2

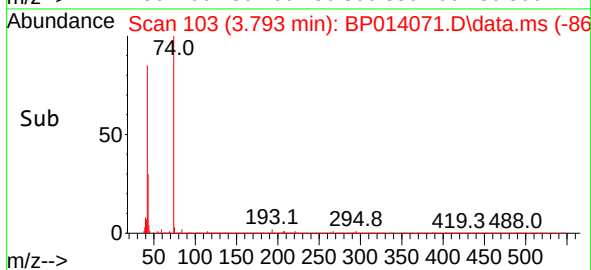
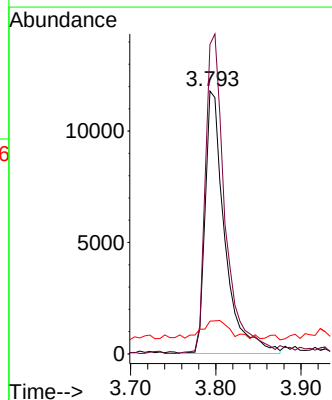
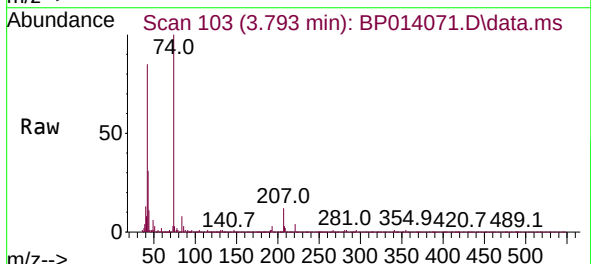
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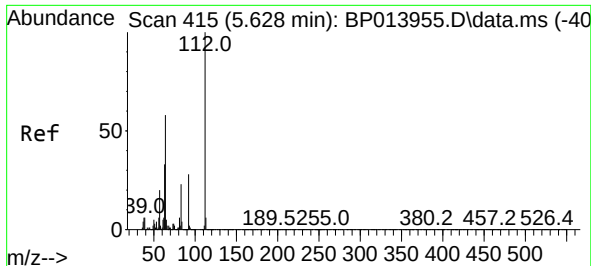
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#4
n-Nitrosodimethylamine
Concen: 3.765 ng
RT: 3.793 min Scan# 103
Delta R.T. 0.000 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

Tgt Ion: 42 Resp: 18890
Ion Ratio Lower Upper
42 100
74 117.8 107.0 160.6
44 12.4 4.5 6.7#





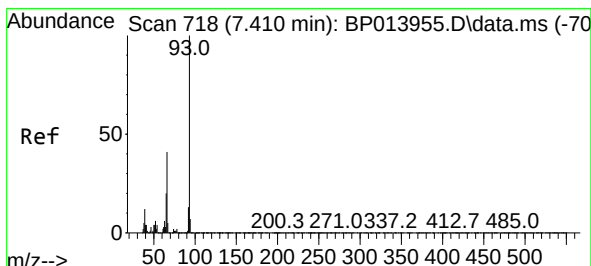
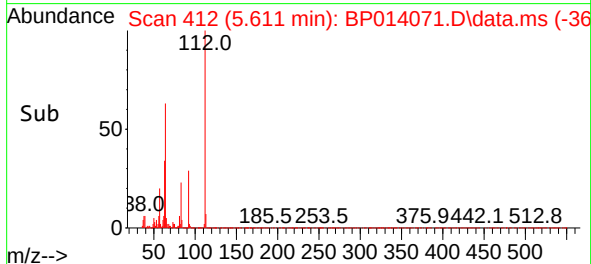
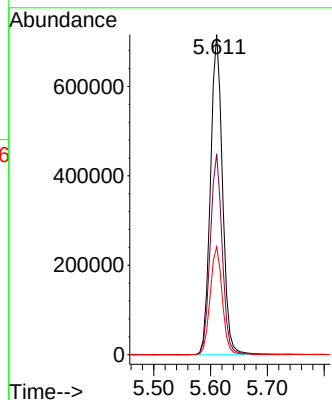
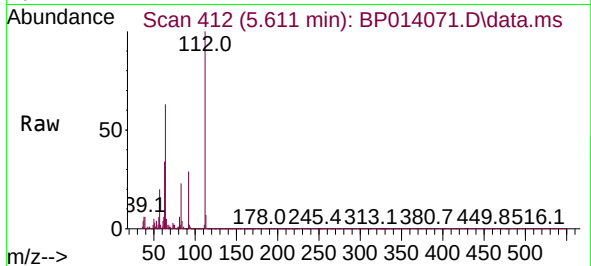
#5
2-Fluorophenol
Concen: 112.817 ng
RT: 5.611 min Scan# 411
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

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

Tgt Ion:112 Resp: 1056969
Ion Ratio Lower Upper
112 100
64 62.7 46.7 70.1
63 33.7 26.6 40.0

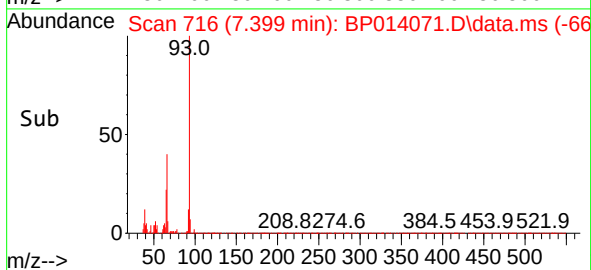
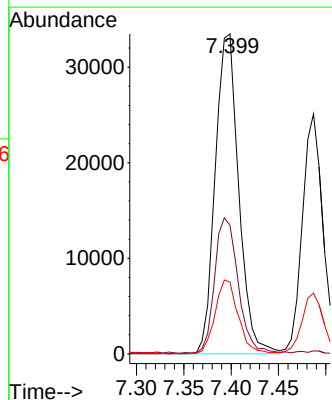
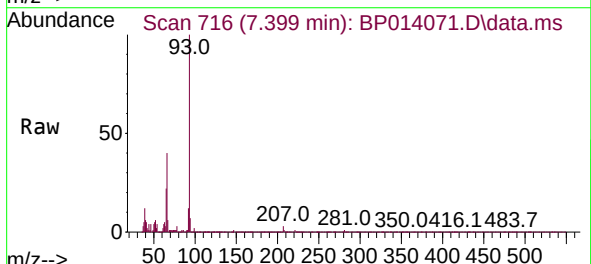
Manual Integrations
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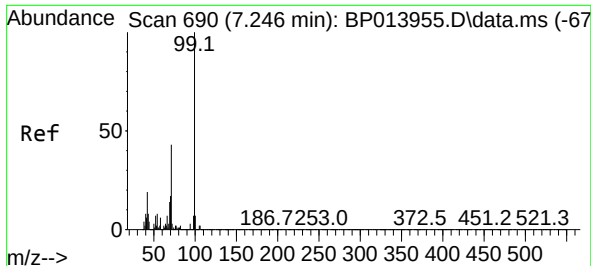
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#6
Aniline
Concen: 3.579 ng
RT: 7.399 min Scan# 716
Delta R.T. 0.000 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

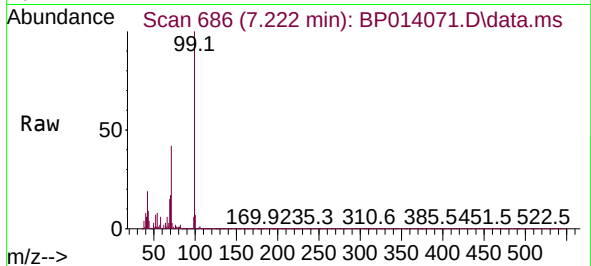
Tgt Ion: 93 Resp: 57831
Ion Ratio Lower Upper
93 100
66 40.2 32.6 48.8
65 22.5 16.0 24.0





#7
Phenol-d6
Concen: 111.076 ng
RT: 7.222 min Scan# 686
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

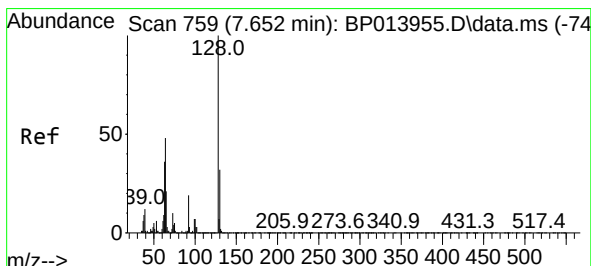
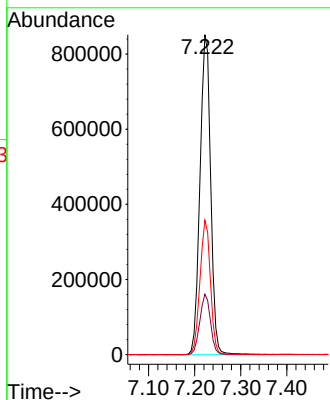
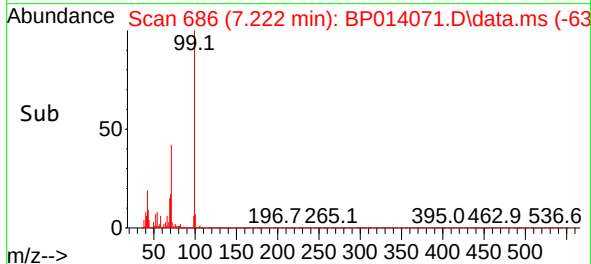
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 99 Resp: 1366305
Ion Ratio Lower Upper
99 100
42 18.9 15.0 22.6
71 42.0 34.3 51.5

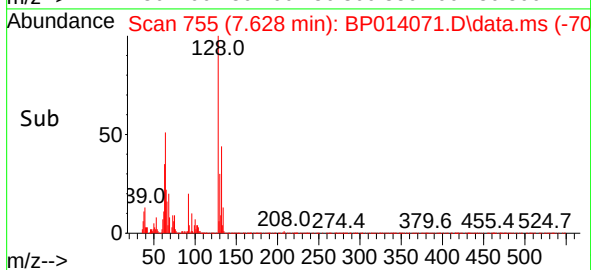
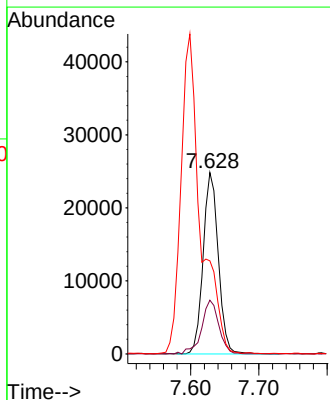
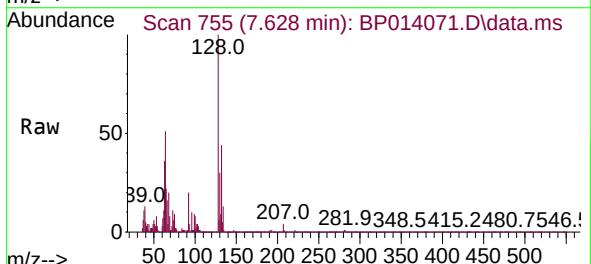
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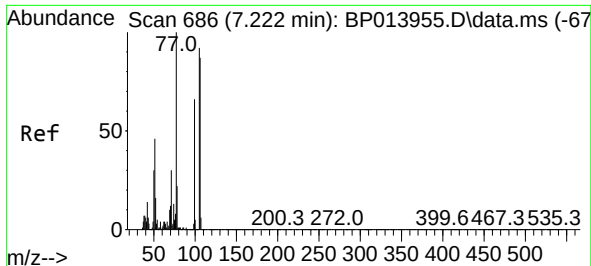
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#8
2-Chlorophenol
Concen: 3.826 ng
RT: 7.628 min Scan# 755
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

Tgt Ion:128 Resp: 38393
Ion Ratio Lower Upper
128 100
130 29.6 12.3 52.3
64 51.3 27.6 67.6





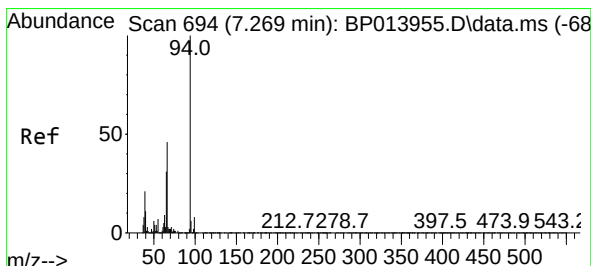
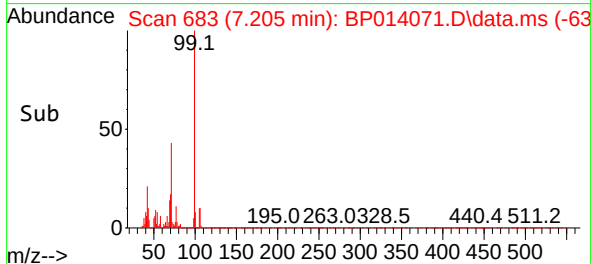
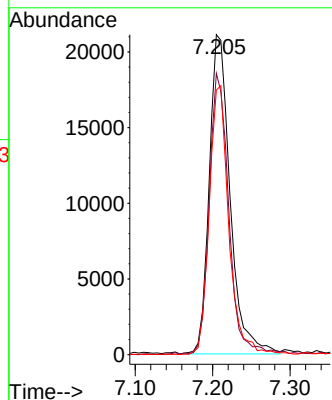
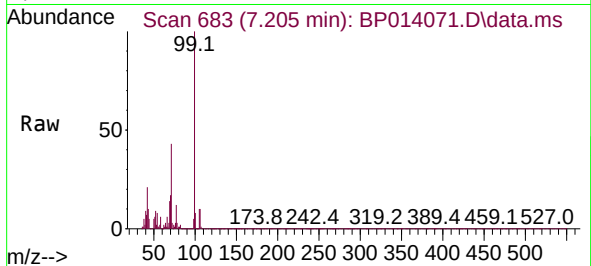
#9
Benzaldehyde
Concen: 6.411 ng
RT: 7.205 min Scan# 686
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

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

Tgt Ion: 77 Resp: 39460
Ion Ratio Lower Upper
77 100
105 87.9 72.4 112.4
106 82.7 66.9 106.9

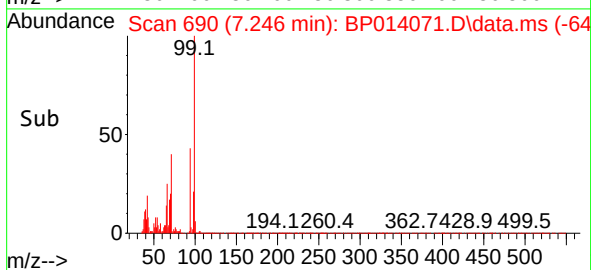
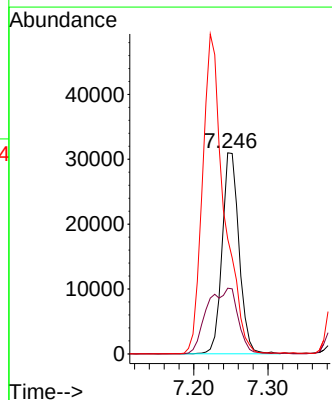
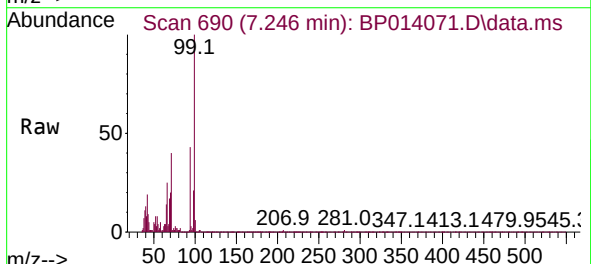
Manual Integrations
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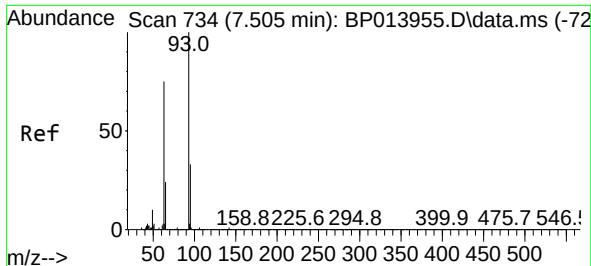
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#10
Phenol
Concen: 3.826 ng
RT: 7.246 min Scan# 690
Delta R.T. -0.012 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

Tgt Ion: 94 Resp: 48981
Ion Ratio Lower Upper
94 100
65 32.7 10.9 50.9
66 57.1 26.1 66.1





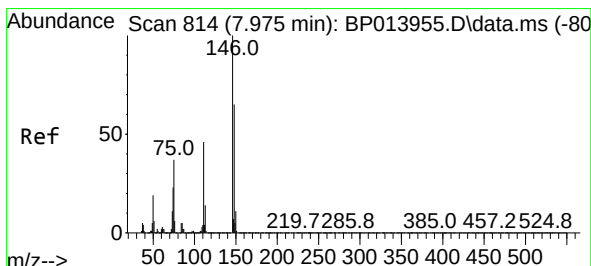
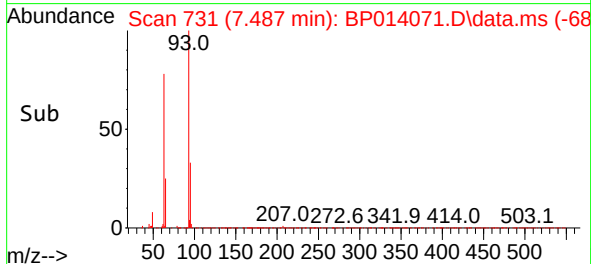
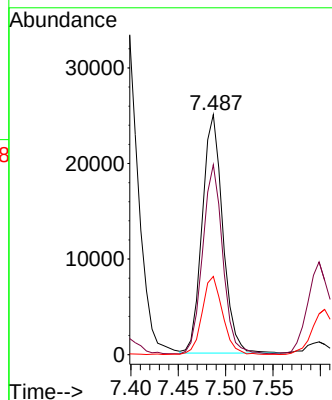
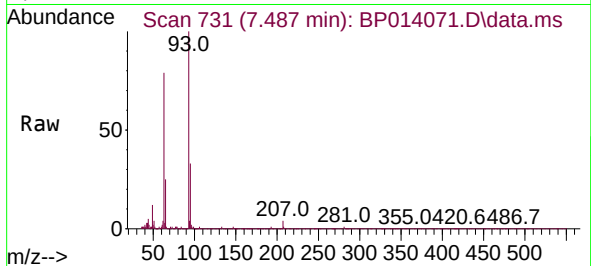
#11
bis(2-Chloroethyl)ether
Concen: 3.718 ng
RT: 7.487 min Scan# 734
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

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

Tgt Ion: 93 Resp: 37682
Ion Ratio Lower Upper
93 100
63 79.1 54.2 94.2
95 32.6 12.7 52.7

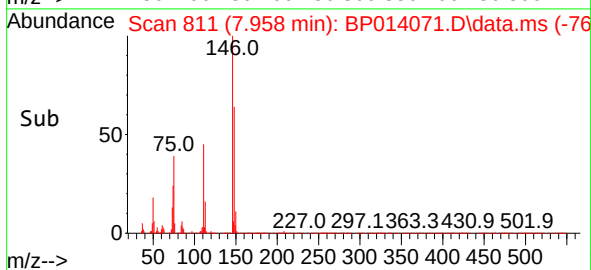
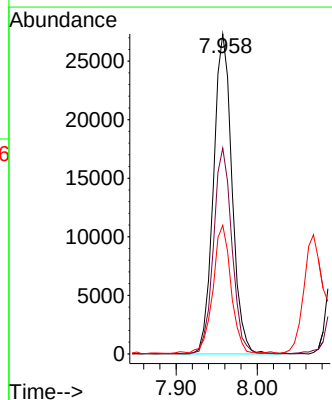
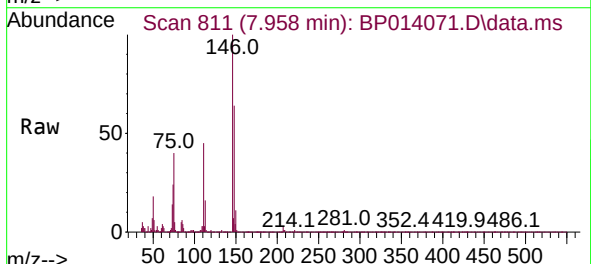
Manual Integrations
APPROVED

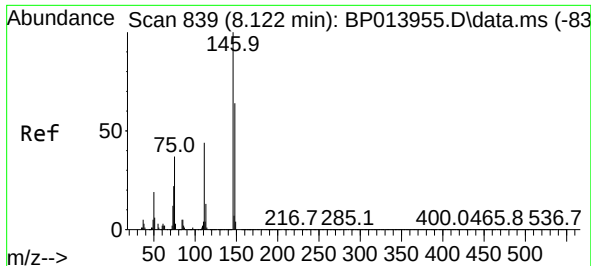
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#12
1,3-Dichlorobenzene
Concen: 3.921 ng
RT: 7.958 min Scan# 811
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

Tgt Ion:146 Resp: 43241
Ion Ratio Lower Upper
146 100
148 64.3 52.1 78.1
75 40.2 29.4 44.0





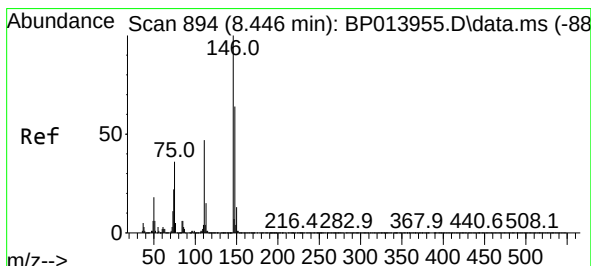
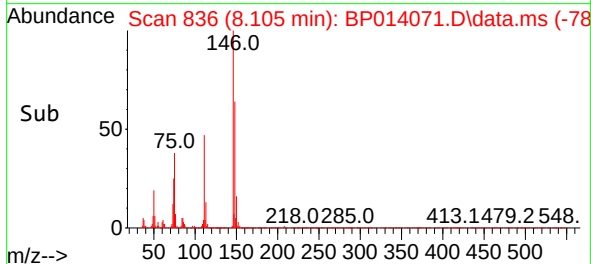
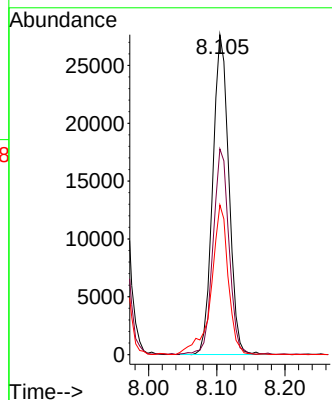
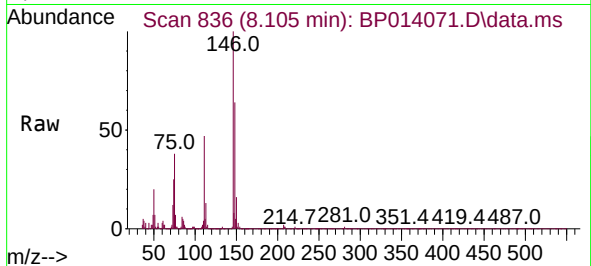
#13
1,4-Dichlorobenzene
Concen: 4.049 ng
RT: 8.105 min Scan# 841
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

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

Tgt Ion:146 Resp: 45173
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.2
111 46.8 35.1 52.7

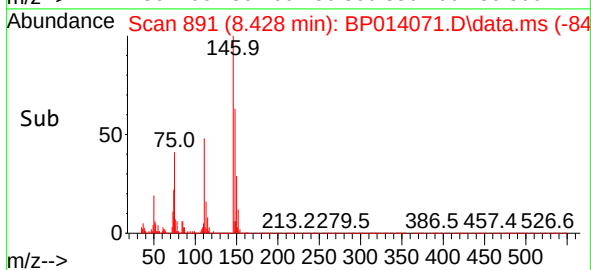
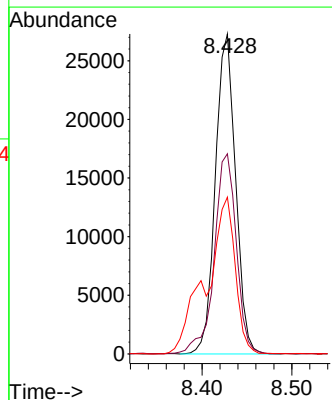
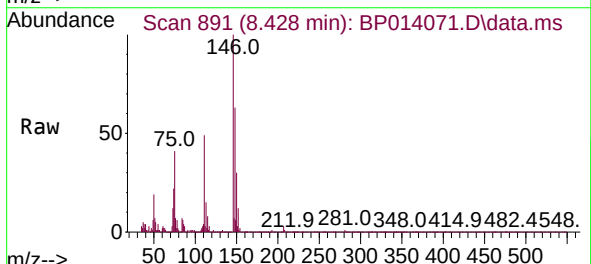
Manual Integrations
APPROVED

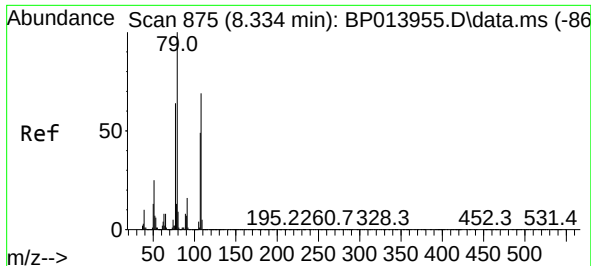
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#14
1,2-Dichlorobenzene
Concen: 3.995 ng
RT: 8.428 min Scan# 891
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

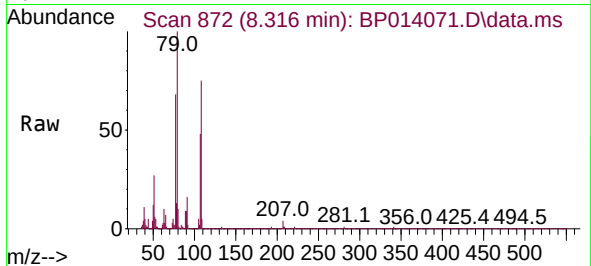
Tgt Ion:146 Resp: 42687
Ion Ratio Lower Upper
146 100
148 62.5 51.4 77.0
111 49.0 37.2 55.8





#15
Benzyl Alcohol
Concen: 3.264 ng
RT: 8.316 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

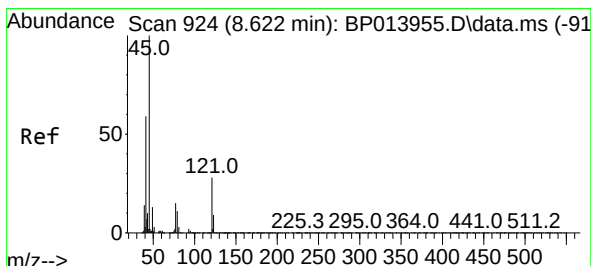
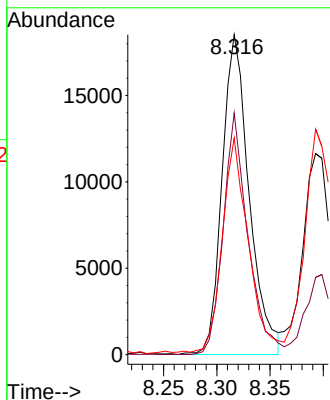
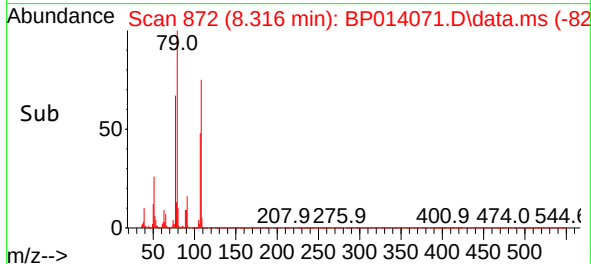
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 79 Resp: 32736
Ion Ratio Lower Upper
79 100
108 75.5 54.9 82.3
77 67.7 51.4 77.0

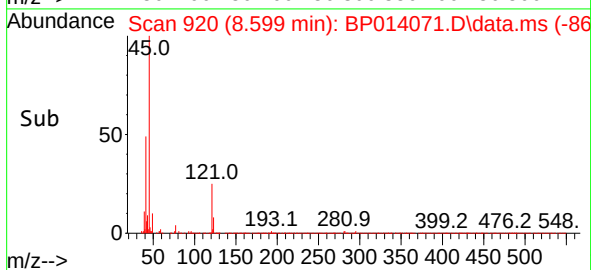
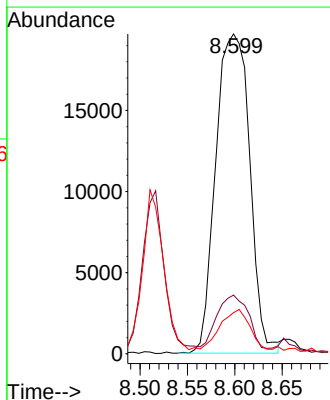
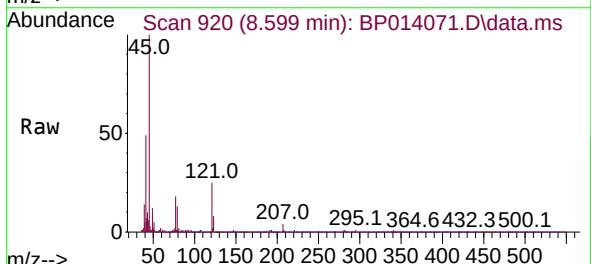
Manual Integrations
APPROVED

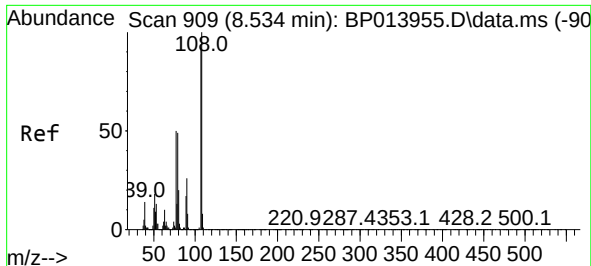
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.449 ng
RT: 8.599 min Scan# 920
Delta R.T. 0.000 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

Tgt Ion: 45 Resp: 49099
Ion Ratio Lower Upper
45 100
77 18.4 0.0 38.7
79 12.9 0.0 34.4





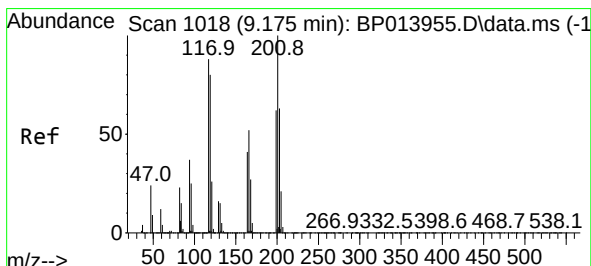
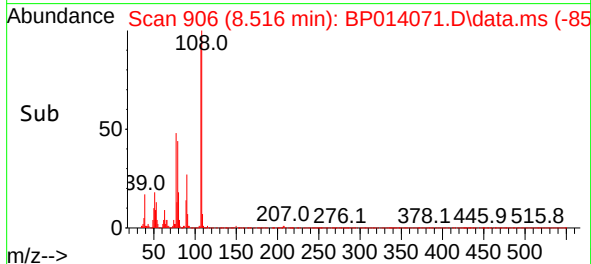
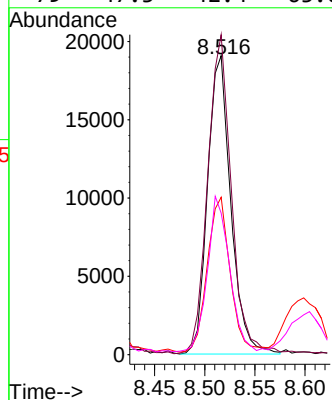
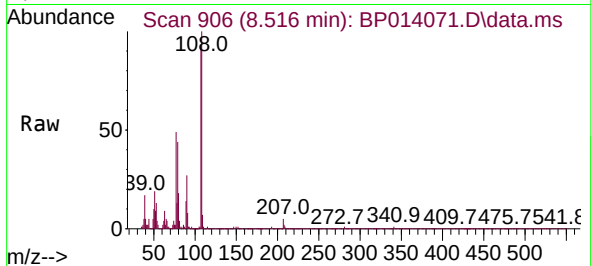
#17
2-Methylphenol
Concen: 3.361 ng
RT: 8.516 min Scan# 90
Delta R.T. 0.000 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

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

Tgt Ion:107 Resp: 30689
Ion Ratio Lower Upper
107 100
108 107.0 87.0 130.4
77 52.6 44.0 66.0
79 47.3 42.4 63.6

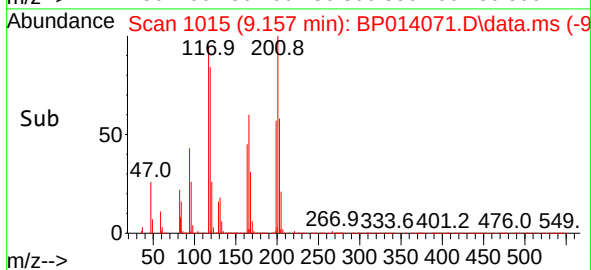
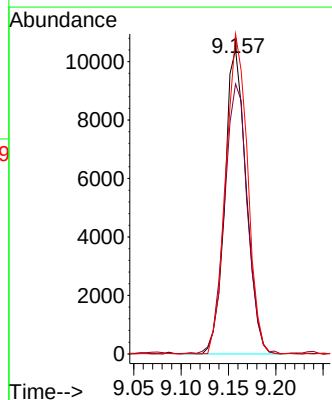
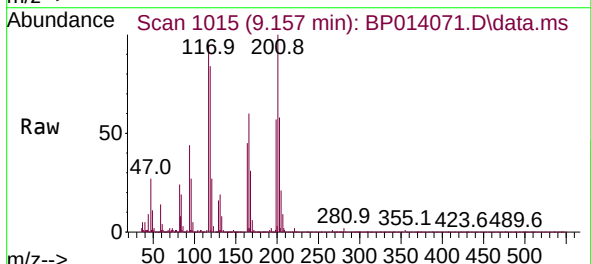
Manual Integrations
APPROVED

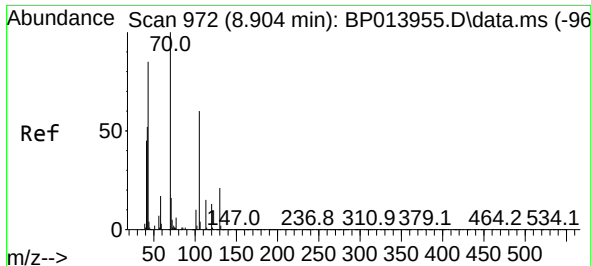
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#18
Hexachloroethane
Concen: 3.908 ng
RT: 9.157 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

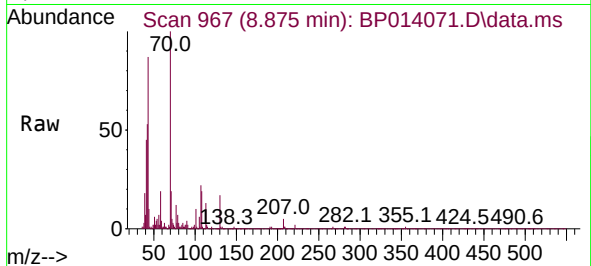
Tgt Ion:117 Resp: 16377
Ion Ratio Lower Upper
117 100
119 89.8 73.3 109.9
201 105.0 91.1 136.7





#19
n-Nitroso-di-n-propylamine
Concen: 3.487 ng
RT: 8.875 min Scan# 90
Delta R.T. -0.018 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

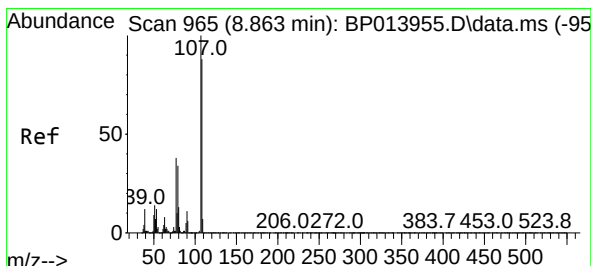
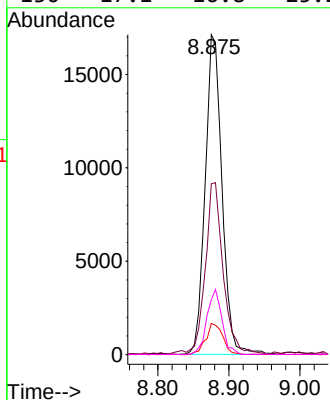
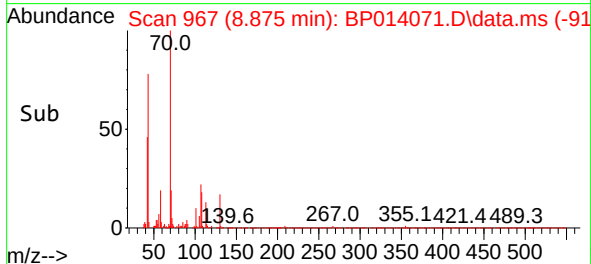
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 70 Resp: 28232
Ion Ratio Lower Upper
70 100
42 53.4 42.4 63.6
101 9.7 8.2 12.4
130 17.1 16.8 25.2

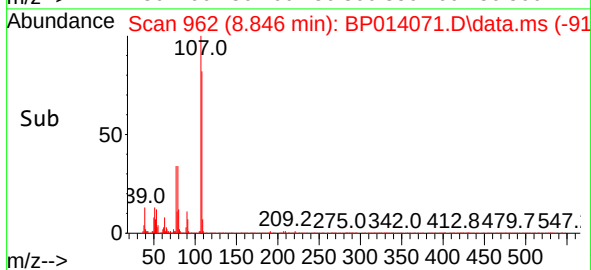
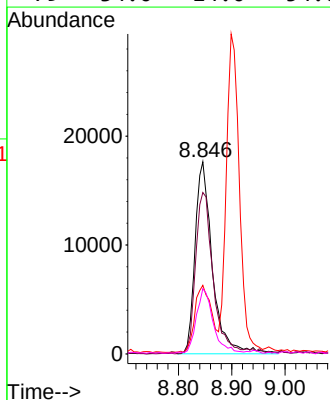
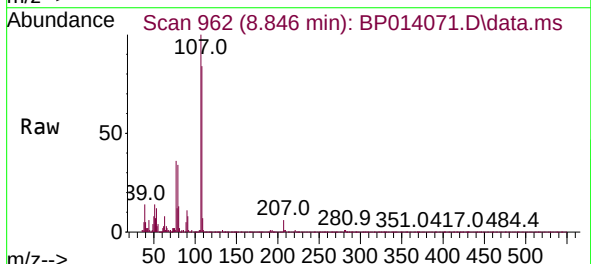
Manual Integrations
APPROVED

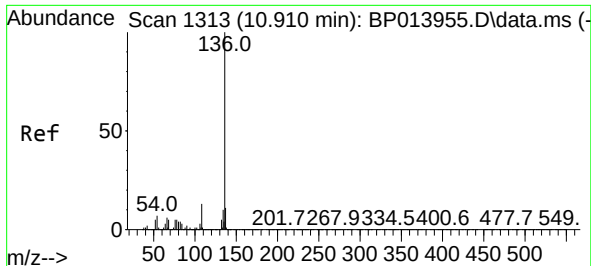
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#20
3+4-Methylphenols
Concen: 3.245 ng
RT: 8.846 min Scan# 962
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

Tgt Ion:107 Resp: 39897
Ion Ratio Lower Upper
107 100
108 83.9 68.2 108.2
77 35.7 18.1 58.1
79 34.0 14.0 54.0





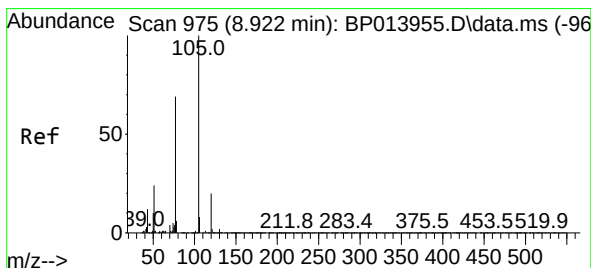
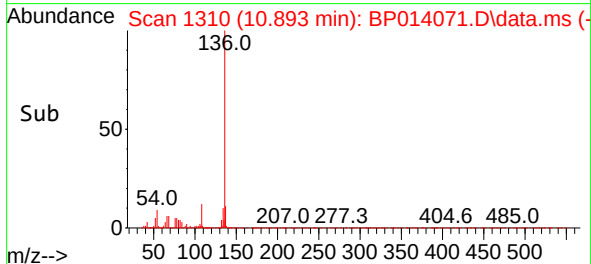
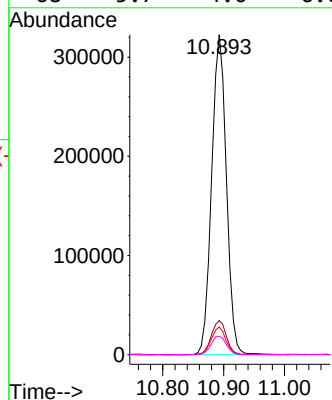
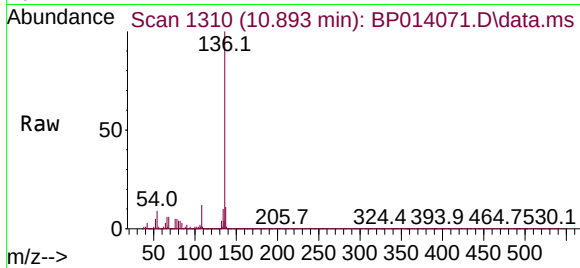
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.893 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

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

Tgt Ion:	136	Resp:	541703
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.7	13.1
54	8.6	5.8	8.8
68	5.7	4.0	6.0

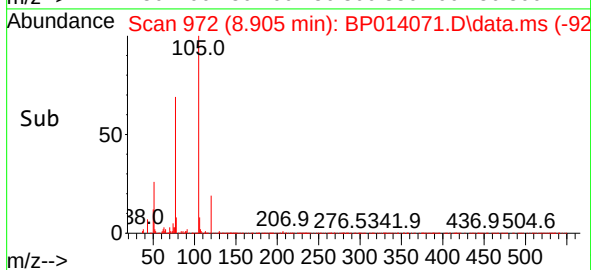
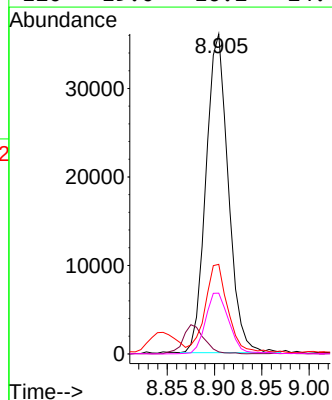
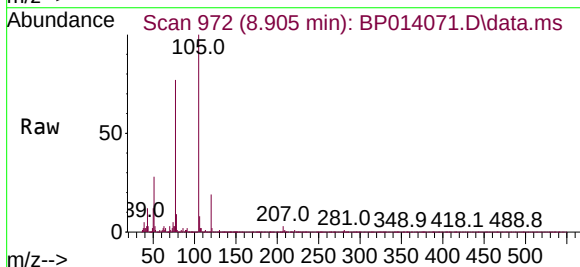
Manual Integrations
APPROVED

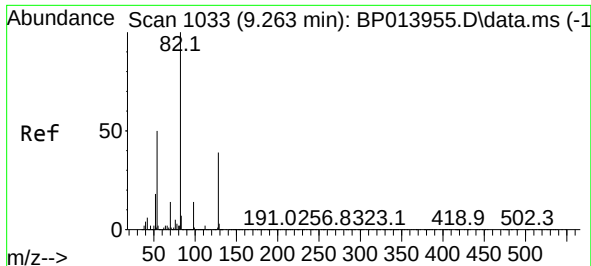
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#22
Acetophenone
Concen: 3.889 ng
RT: 8.905 min Scan# 972
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

Tgt Ion:	105	Resp:	59097
Ion Ratio	Lower	Upper	
105	100		
71	0.6	1.4	2.0
51	28.0	21.5	32.3
120	19.0	16.2	24.4





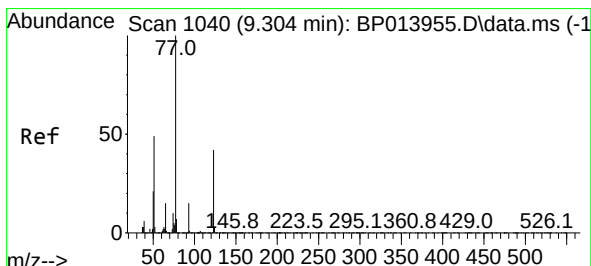
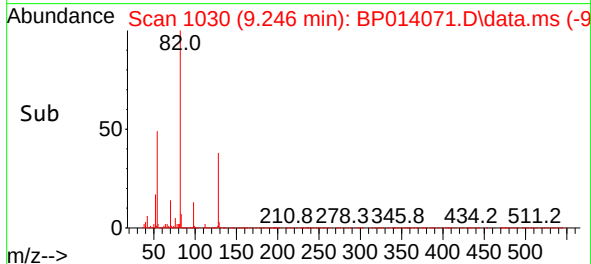
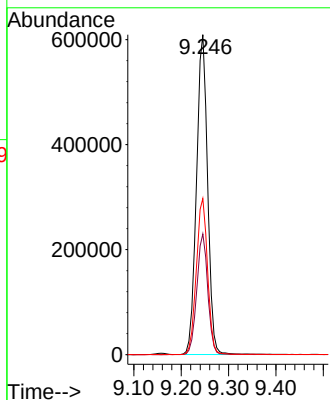
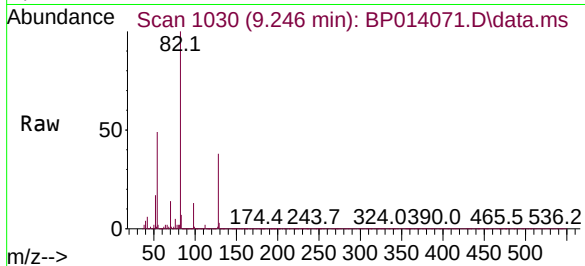
#23
Nitrobenzene-d5
Concen: 83.949 ng
RT: 9.246 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

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

Tgt Ion: 82 Resp: 994960
Ion Ratio Lower Upper
82 100
128 37.7 31.1 46.7
54 48.8 40.0 60.0

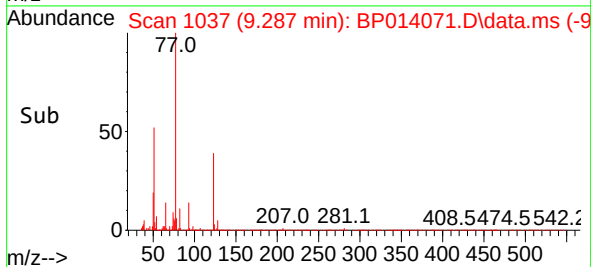
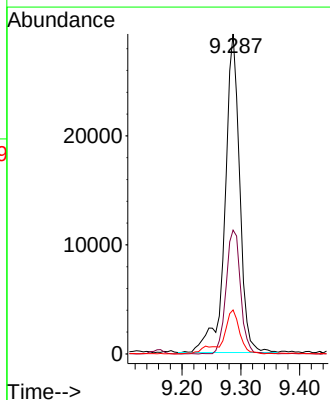
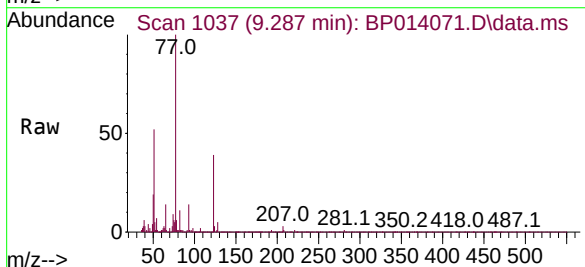
Manual Integrations
APPROVED

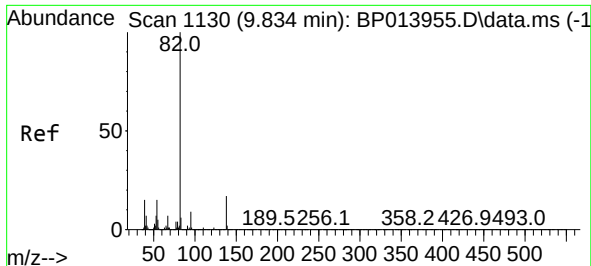
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#24
Nitrobenzene
Concen: 4.195 ng
RT: 9.287 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

Tgt Ion: 77 Resp: 50876
Ion Ratio Lower Upper
77 100
123 38.7 33.6 50.4
65 13.7 11.6 17.4





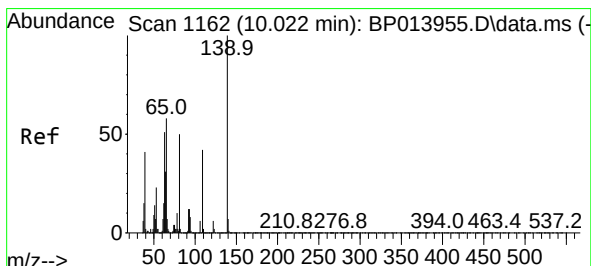
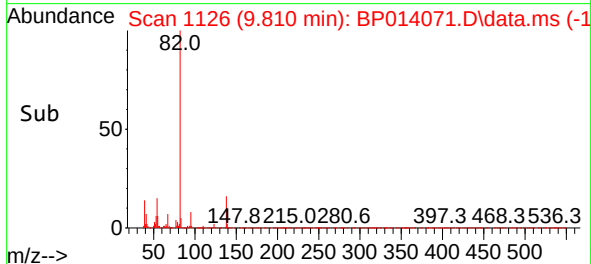
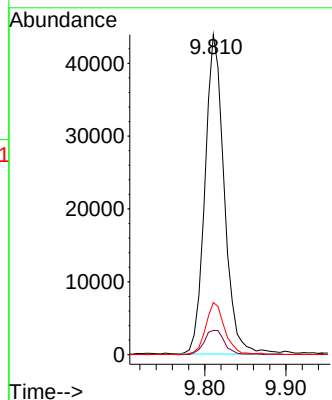
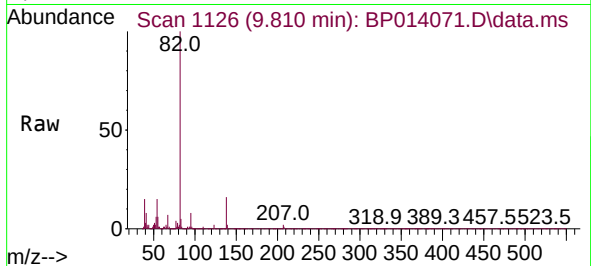
#25
Isophorone
Concen: 3.316 ng
RT: 9.810 min Scan# 1110
Delta R.T. -0.012 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

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

Tgt Ion: 82 Resp: 72414
Ion Ratio Lower Upper
82 100
95 7.6 6.9 10.3
138 16.3 13.3 19.9

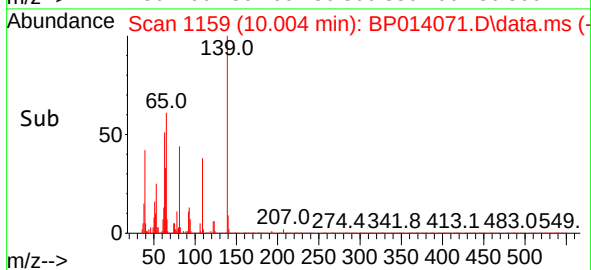
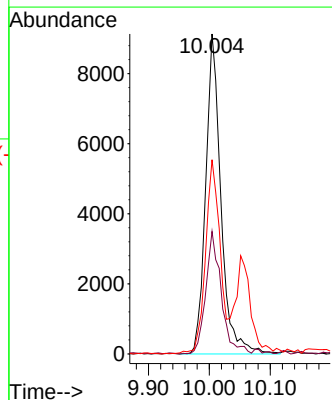
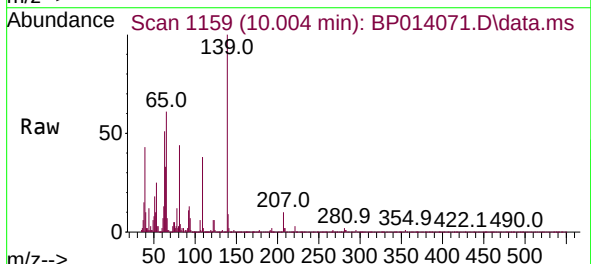
Manual Integrations
APPROVED

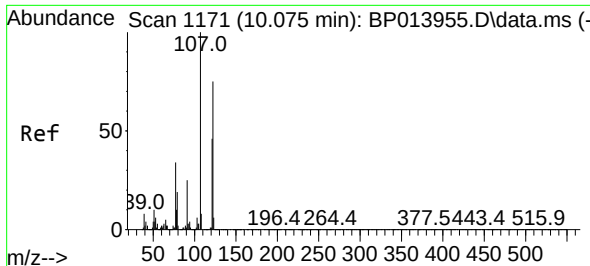
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#26
2-Nitrophenol
Concen: 3.012 ng
RT: 10.004 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

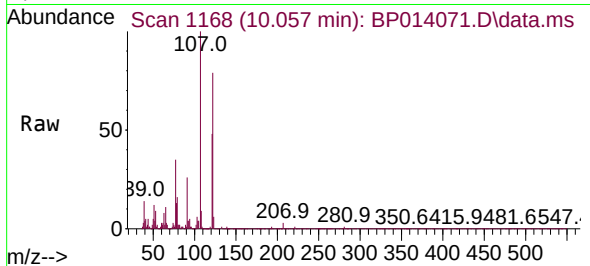
Tgt Ion:139 Resp: 15889
Ion Ratio Lower Upper
139 100
109 38.3 33.8 50.8
65 60.7 46.6 70.0





#27
2,4-Dimethylphenol
Concen: 3.622 ng
RT: 10.057 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

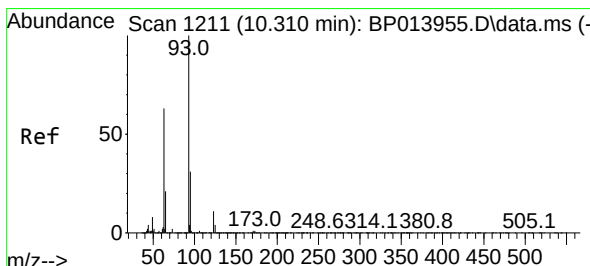
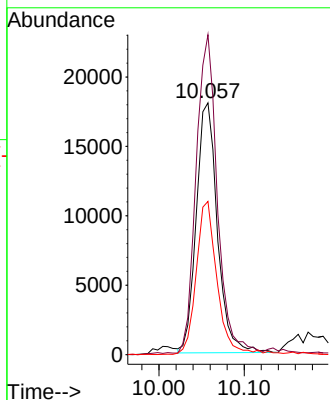
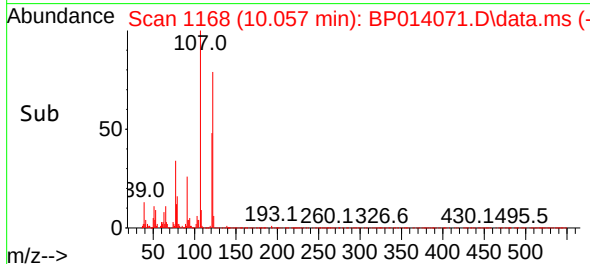
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 122 Resp: 31062
Ion Ratio Lower Upper
122 100
107 127.1 105.9 158.9
121 60.8 49.0 73.4

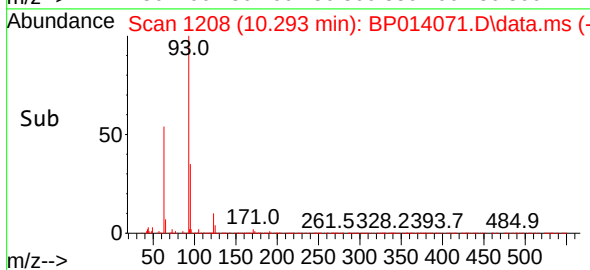
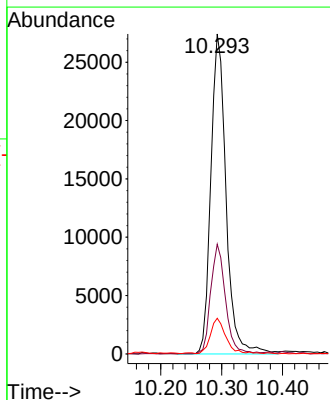
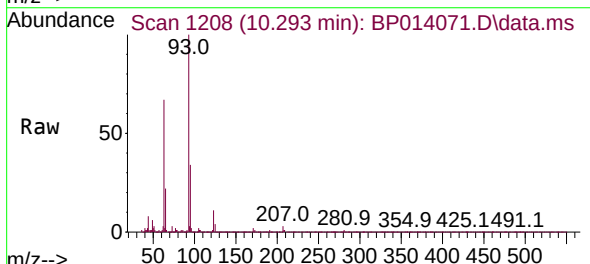
Manual Integrations
APPROVED

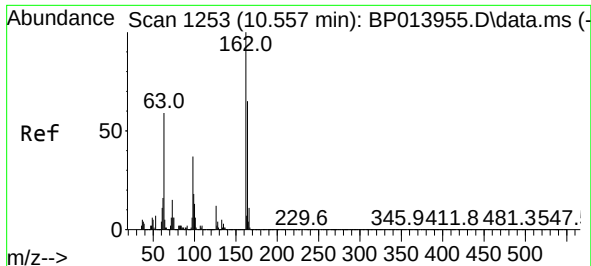
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#28
bis(2-Chloroethoxy)methane
Concen: 3.770 ng
RT: 10.293 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

Tgt Ion: 93 Resp: 47650
Ion Ratio Lower Upper
93 100
95 34.3 25.0 37.6
123 11.1 8.6 12.8





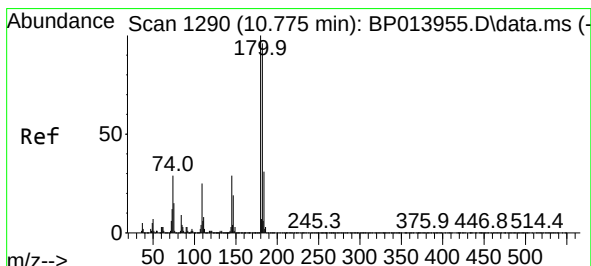
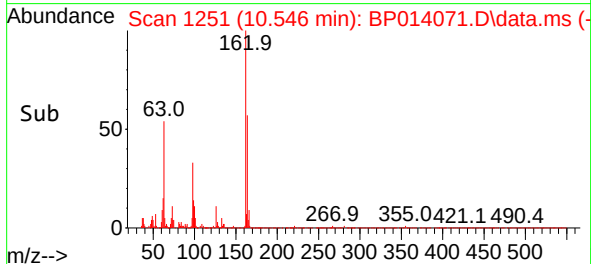
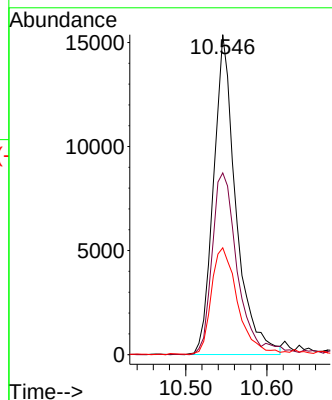
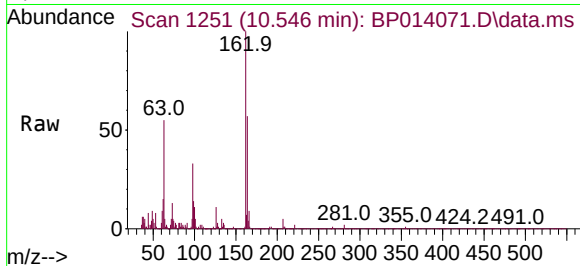
#29
2,4-Dichlorophenol
Concen: 3.137 ng
RT: 10.546 min Scan# 1251
Delta R.T. 0.000 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

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

Tgt Ion:162 Resp: 29450
Ion Ratio Lower Upper
162 100
164 56.8 44.7 84.7
98 33.4 17.0 57.0

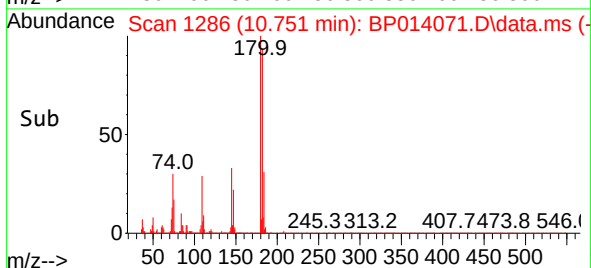
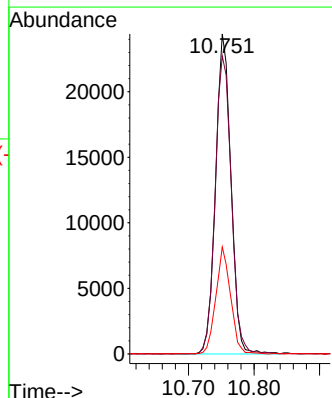
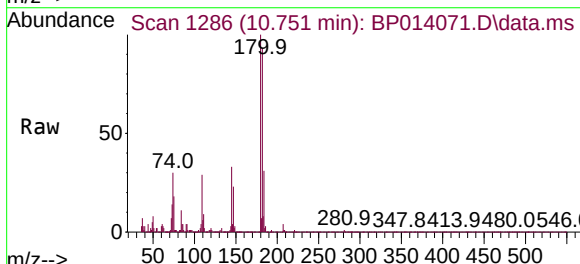
Manual Integrations
APPROVED

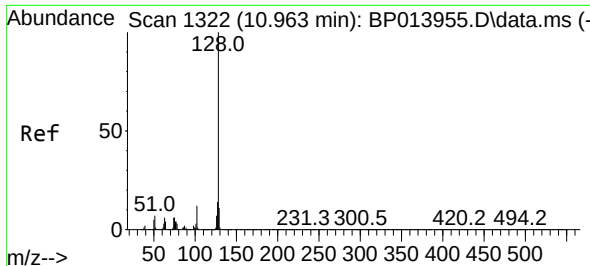
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#30
1,2,4-Trichlorobenzene
Concen: 3.739 ng
RT: 10.751 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

Tgt Ion:180 Resp: 39853
Ion Ratio Lower Upper
180 100
182 93.1 76.6 114.8
145 33.4 23.5 35.3





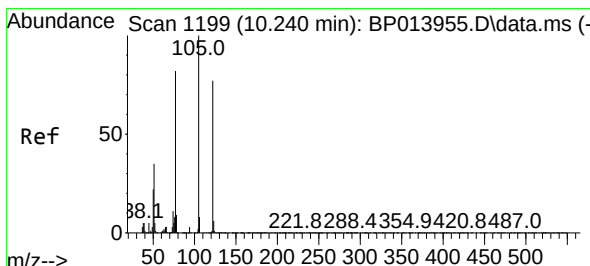
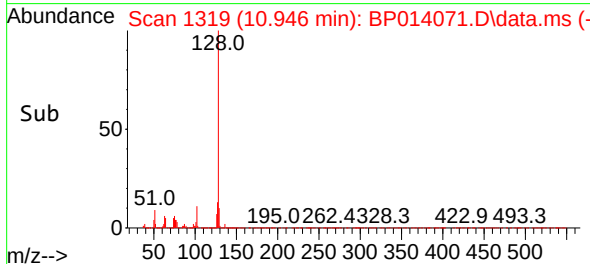
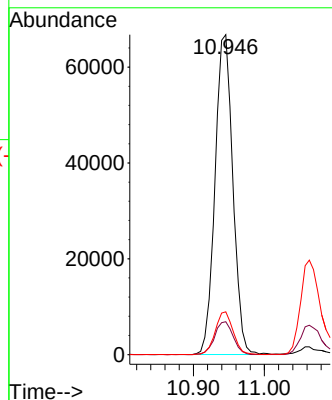
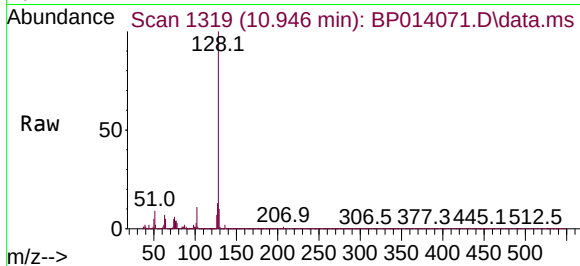
#31
Naphthalene
Concen: 3.924 ng
RT: 10.946 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

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

Tgt Ion:128 Resp: 116805
Ion Ratio Lower Upper
128 100
129 10.3 8.8 13.2
127 13.4 11.2 16.8

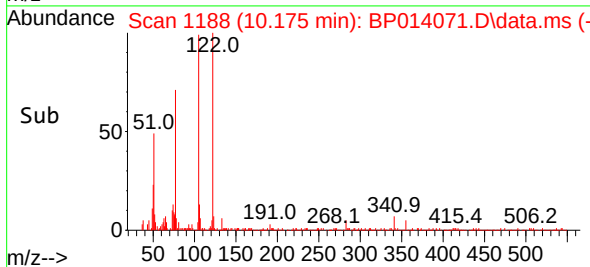
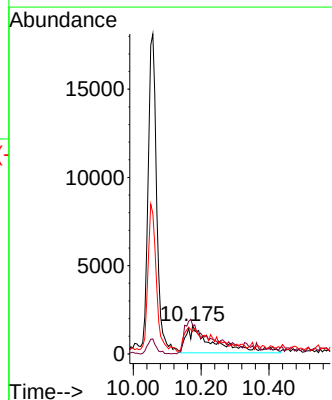
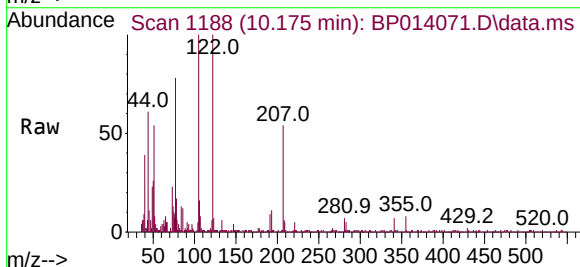
Manual Integrations
APPROVED

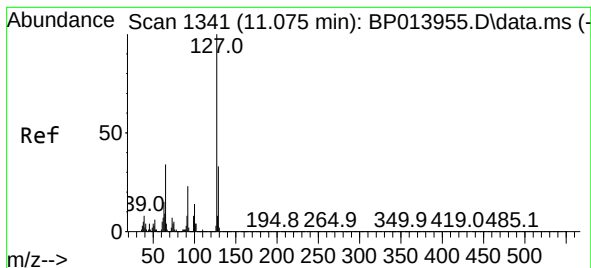
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#32
Benzoic acid
Concen: 3.851 ng m
RT: 10.175 min Scan# 1188
Delta R.T. -0.035 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

Tgt Ion:122 Resp: 8656
Ion Ratio Lower Upper
122 100
105 99.5 108.2 148.2#
77 78.2 85.2 125.2#





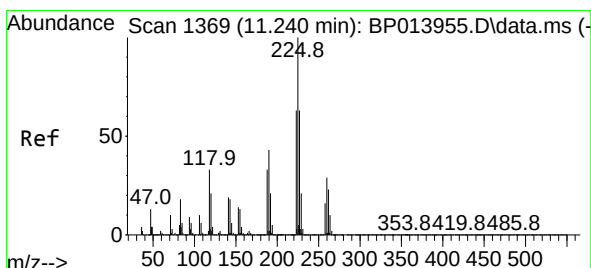
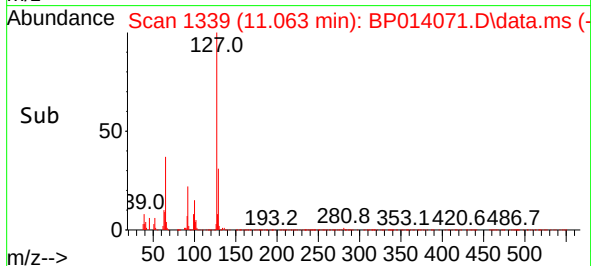
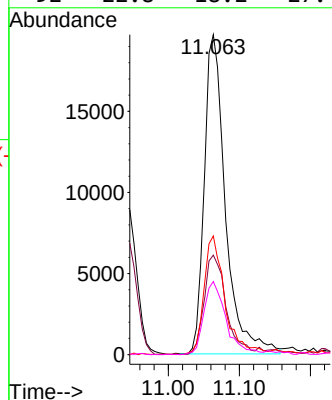
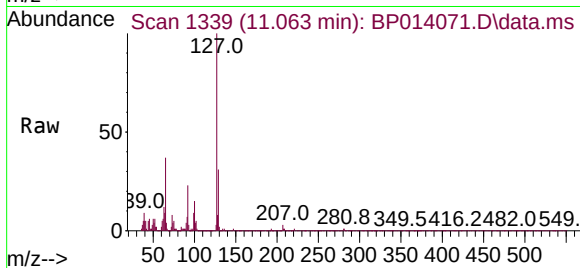
#33
4-Chloroaniline
Concen: 3.183 ng
RT: 11.063 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

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

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.2	39.2
65	37.1	27.0	40.4
92	22.8	18.2	27.4

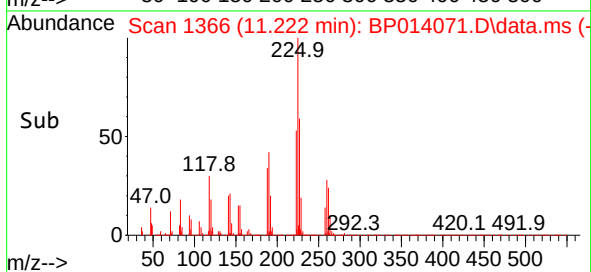
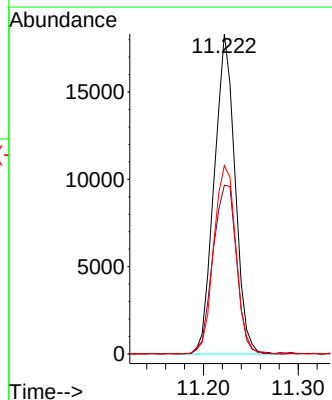
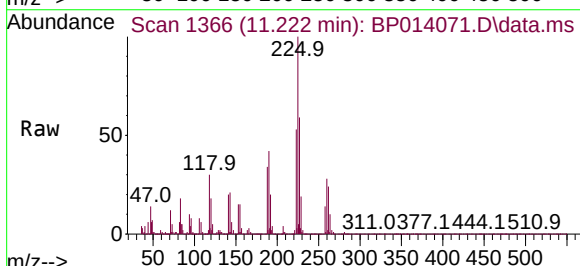
Manual Integrations
APPROVED

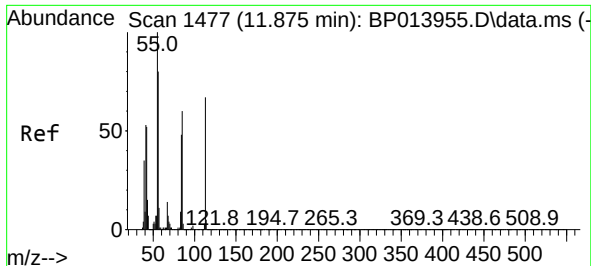
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#34
Hexachlorobutadiene
Concen: 3.607 ng
RT: 11.222 min Scan# 1366
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

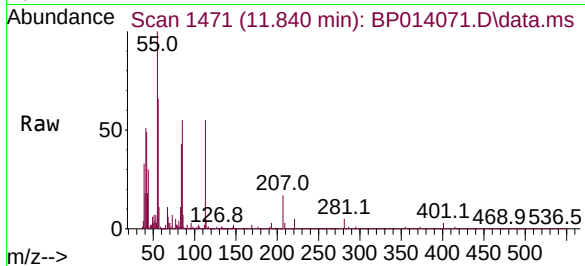
Tgt Ion	Ratio	Lower	Upper
225	100		
223	50.1	50.6	76.0
227	55.9	50.2	75.4





#35
Caprolactam
Concen: 2.873 ng m
RT: 11.840 min Scan# 1477
Delta R.T. -0.018 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

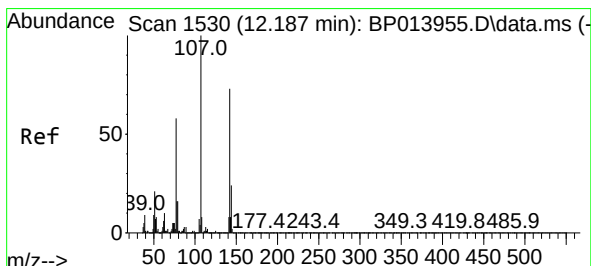
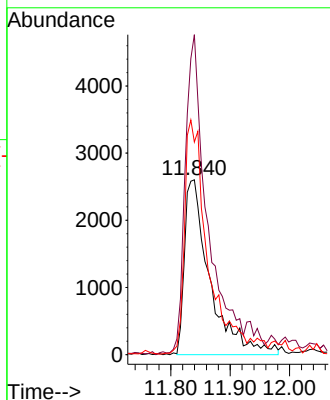
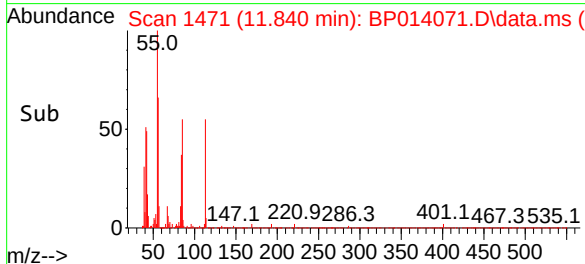
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:113 Resp: 7720
Ion Ratio Lower Upper
113 100
55 183.1 128.9 168.9
56 121.6 99.6 139.6

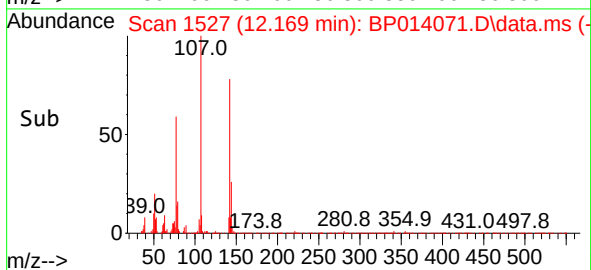
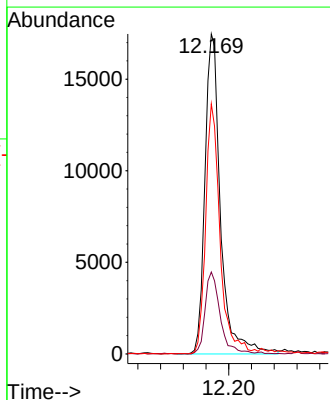
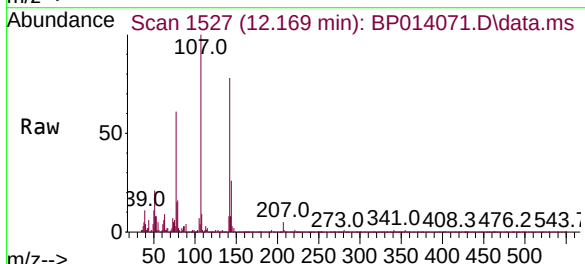
Manual Integrations
APPROVED

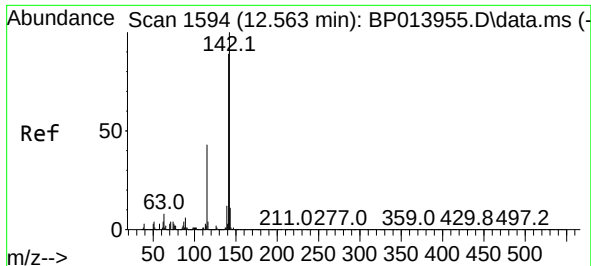
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#36
4-Chloro-3-methylphenol
Concen: 3.185 ng
RT: 12.169 min Scan# 1527
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

Tgt Ion:107 Resp: 33345
Ion Ratio Lower Upper
107 100
144 25.6 19.3 28.9
142 78.1 58.5 87.7





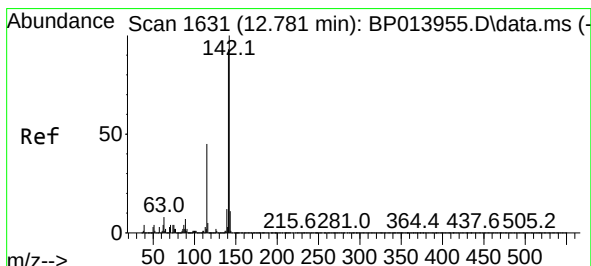
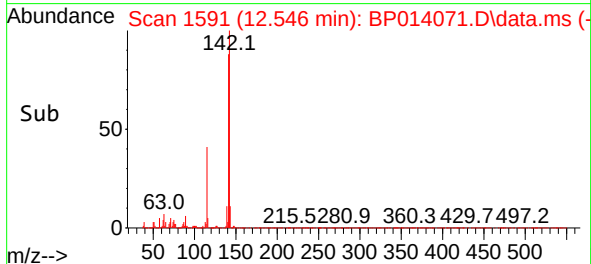
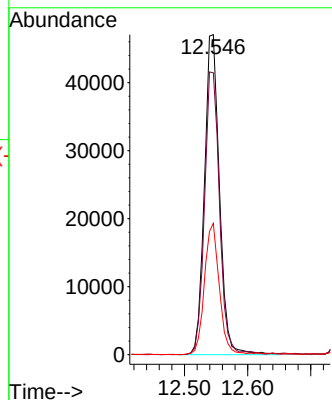
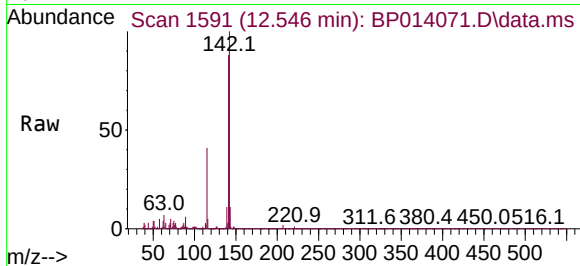
#37
2-Methylnaphthalene
Concen: 3.529 ng
RT: 12.546 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

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

Tgt Ion:142 Resp: 77495
Ion Ratio Lower Upper
142 100
141 88.1 71.0 106.4
115 41.0 34.5 51.7

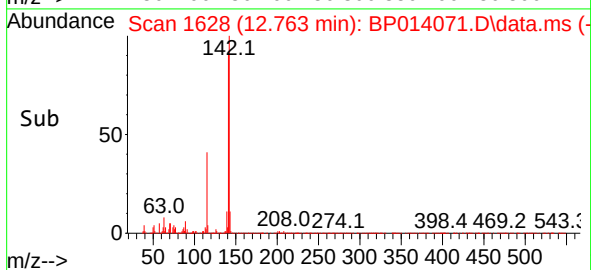
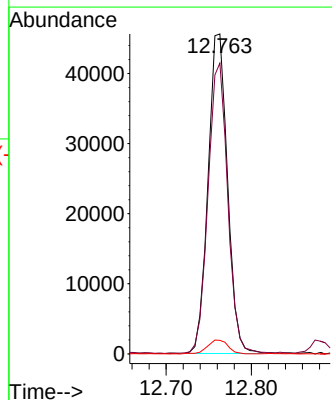
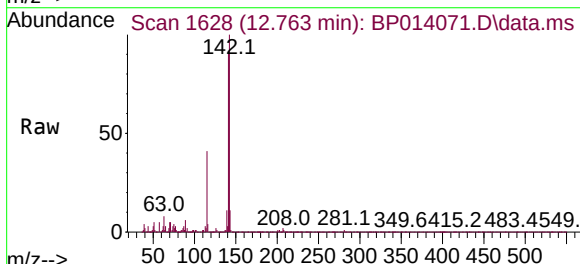
Manual Integrations
APPROVED

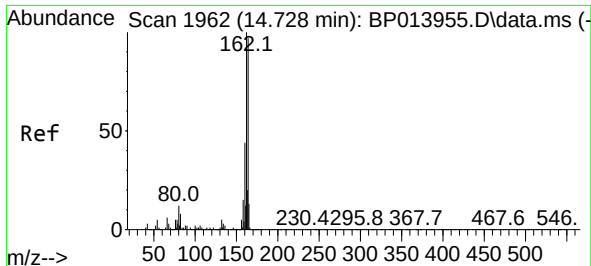
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#38
1-Methylnaphthalene
Concen: 3.532 ng
RT: 12.763 min Scan# 1628
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

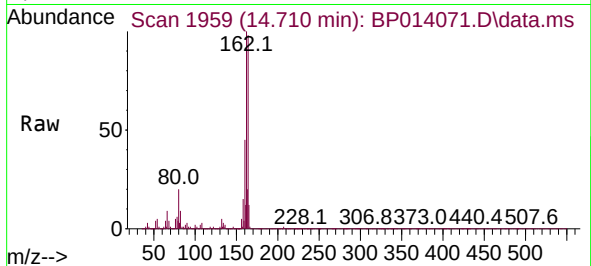
Tgt Ion:142 Resp: 72300
Ion Ratio Lower Upper
142 100
141 90.9 74.4 111.6
116 4.2 3.6 5.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.710 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

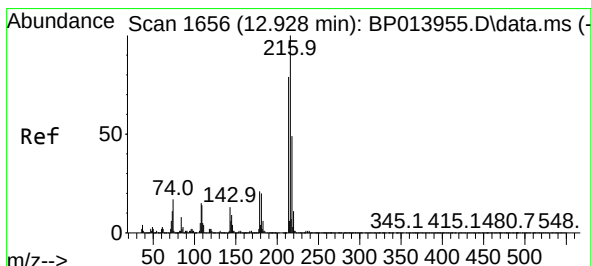
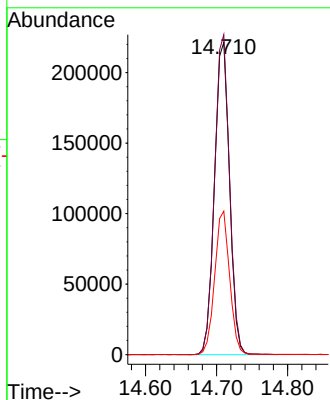
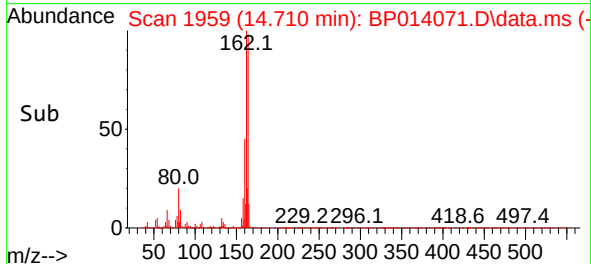
Instrument : BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



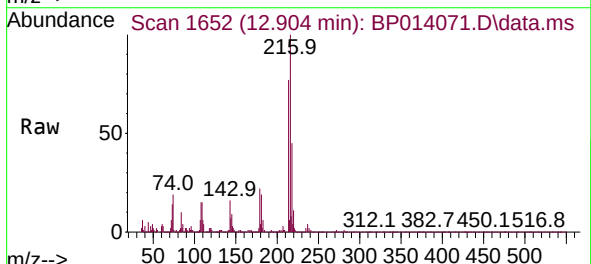
Tgt Ion:164 Resp: 326299
Ion Ratio Lower Upper
164 100
162 102.5 82.1 123.1
160 45.9 36.2 54.2

Manual Integrations
APPROVED

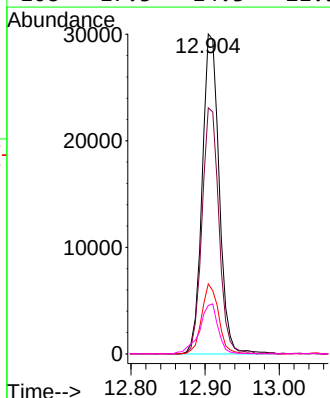
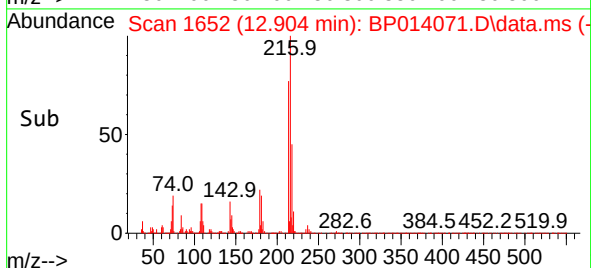
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

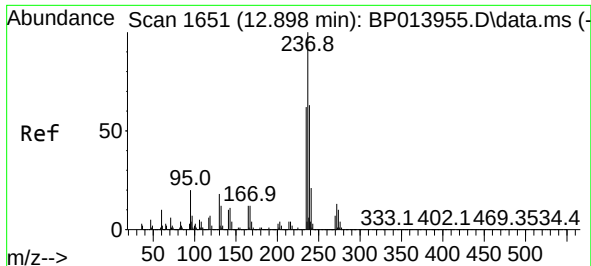


#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.835 ng
RT: 12.904 min Scan# 1652
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42



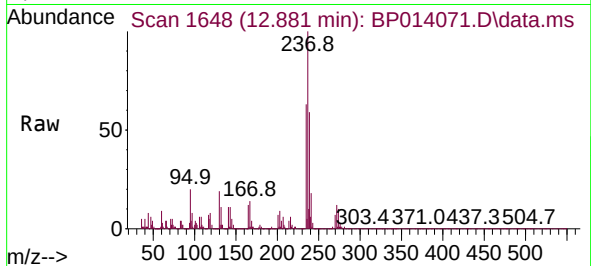
Tgt Ion:216 Resp: 47698
Ion Ratio Lower Upper
216 100
214 76.9 62.2 93.2
179 21.8 16.6 24.8
108 17.3 14.3 21.5





#41
Hexachlorocyclopentadiene
Concen: 3.008 ng
RT: 12.881 min Scan# 1648
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

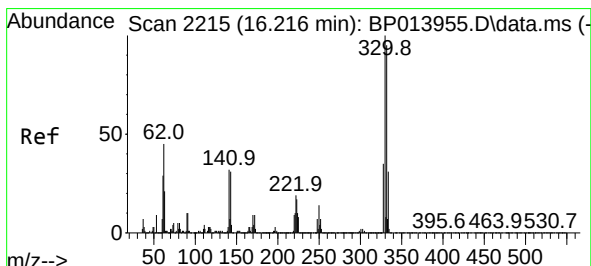
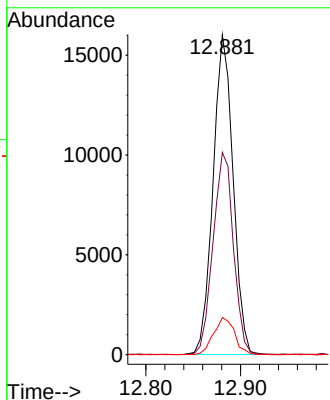
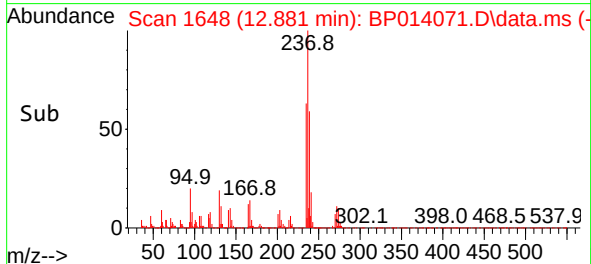
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 237 Resp: 23479
Ion Ratio Lower Upper
237 100
235 63.2 41.9 81.9
272 11.6 0.0 32.6

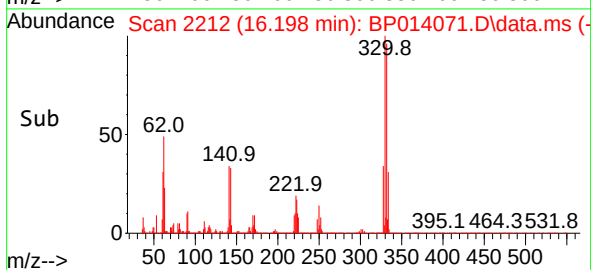
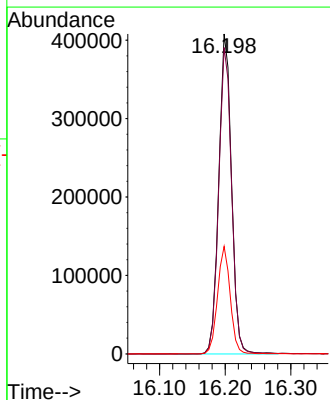
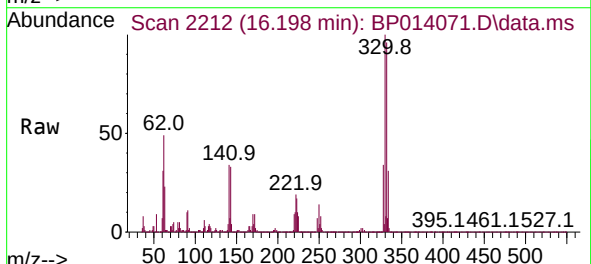
Manual Integrations
APPROVED

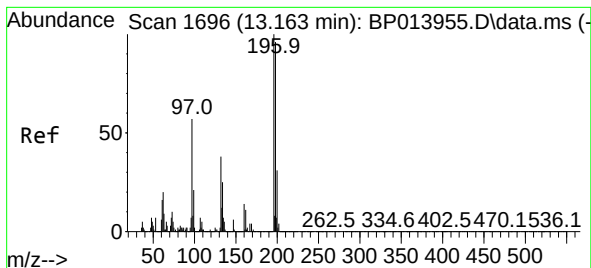
Reviewed By : Christian Giraldo 03/14/2023
Supervised By : Jagrut Upadhyay 03/14/2023



#42
2,4,6-Tribromophenol
Concen: 104.246 ng
RT: 16.198 min Scan# 2212
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

Tgt Ion: 330 Resp: 551511
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 33.5 25.6 38.4





#43

2,4,6-Trichlorophenol

Concen: 3.267 ng

RT: 13.145 min Scan# 1696

Delta R.T. -0.006 min

Lab File: BP014071.D

Acq: 13 Mar 2023 19:42

Instrument :

BNA_P

ClientSampleId :

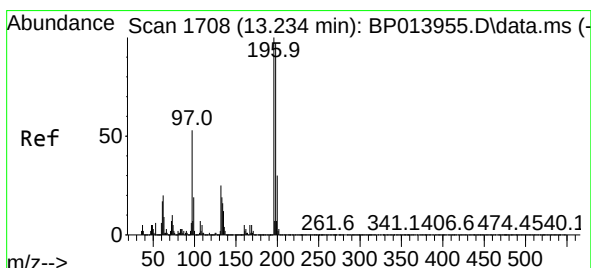
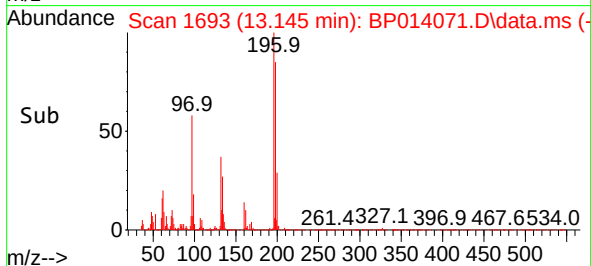
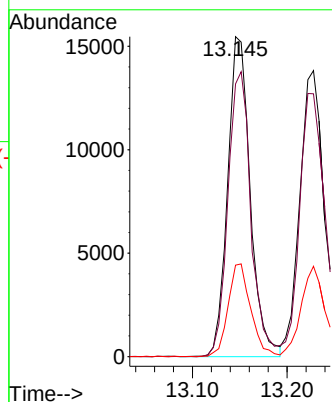
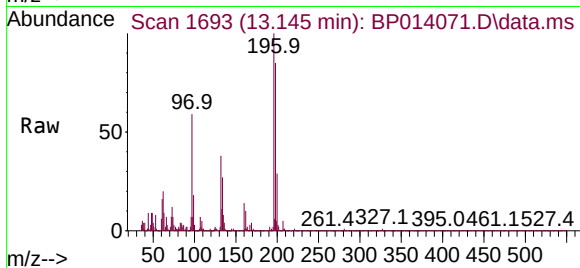
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:196	Resp:	25688
Ion Ratio	Lower	Upper
196	100	
198	85.2	76.7 115.1
200	28.6	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: 2.898 ng

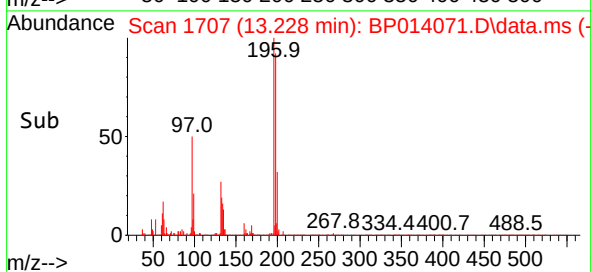
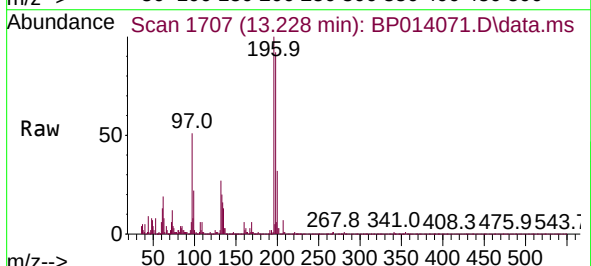
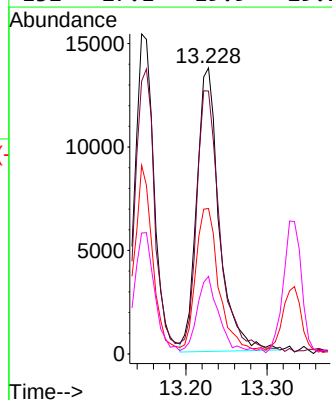
RT: 13.228 min Scan# 1707

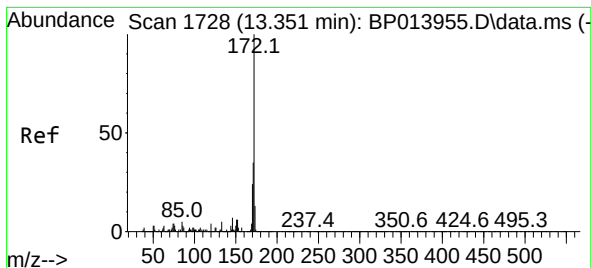
Delta R.T. 0.006 min

Lab File: BP014071.D

Acq: 13 Mar 2023 19:42

Tgt Ion:196	Resp:	26404
Ion Ratio	Lower	Upper
196	100	
198	91.9	77.5 116.3
97	50.8	42.6 64.0
132	27.1	19.9 29.9





#45

2-Fluorobiphenyl

Concen: 81.781 ng

RT: 13.334 min Scan# 1725

Delta R.T. -0.006 min

Lab File: BP014071.D

Acq: 13 Mar 2023 19:42

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion:172 Resp: 2059710

Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

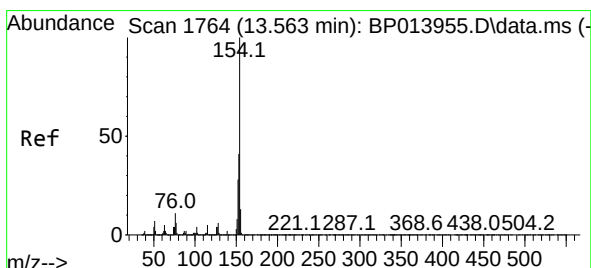
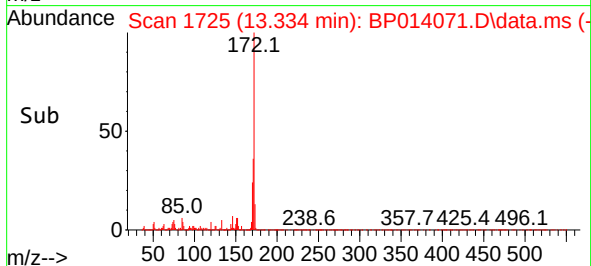
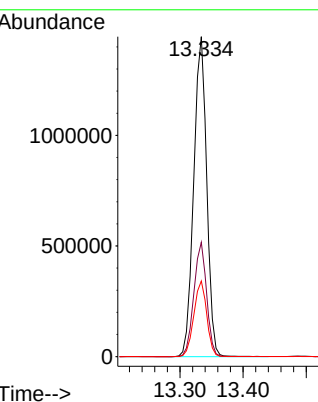
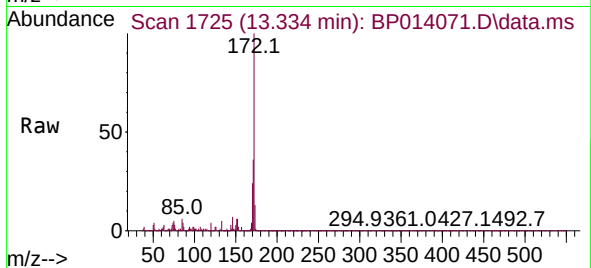
170 23.6 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#46

1,1'-Biphenyl

Concen: 4.083 ng

RT: 13.545 min Scan# 1761

Delta R.T. -0.006 min

Lab File: BP014071.D

Acq: 13 Mar 2023 19:42

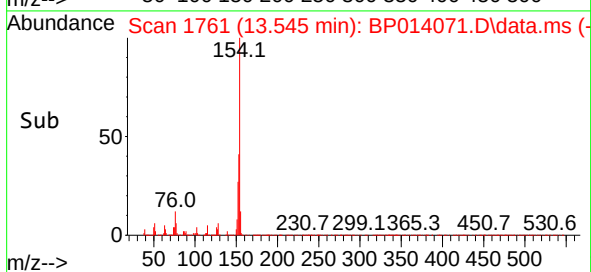
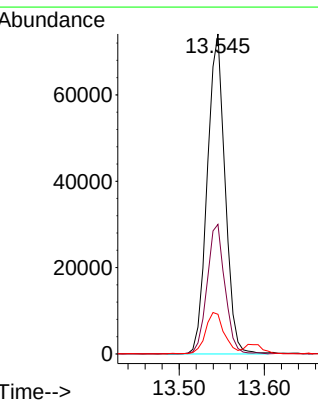
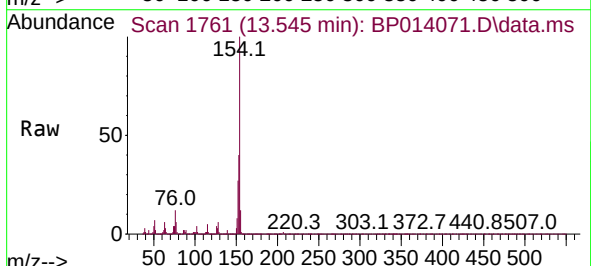
Tgt Ion:154 Resp: 107244

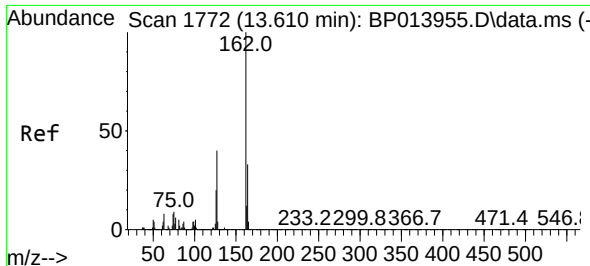
Ion Ratio Lower Upper

154 100

153 40.5 21.0 61.0

76 12.4 0.0 31.0





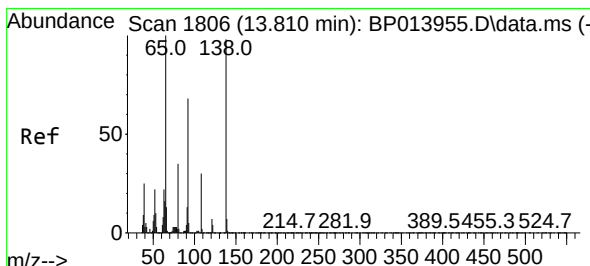
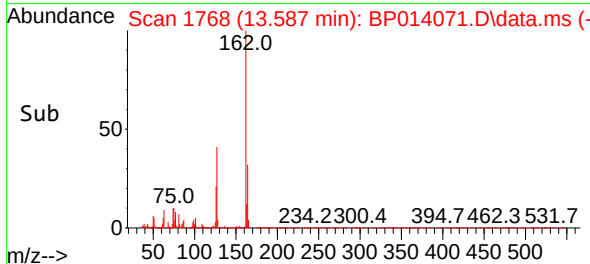
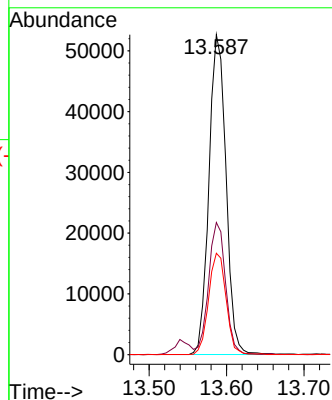
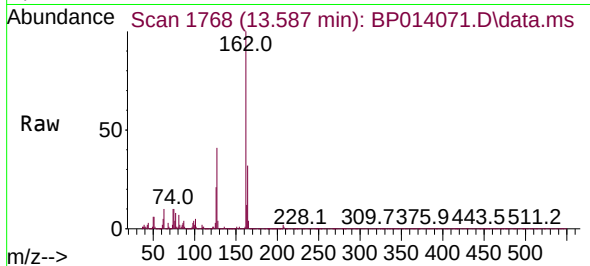
#47
2-Chloronaphthalene
Concen: 3.987 ng
RT: 13.587 min Scan# 1768
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

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

Tgt Ion:162 Resp: 80602
Ion Ratio Lower Upper
162 100
127 41.3 32.5 48.7
164 31.7 26.3 39.5

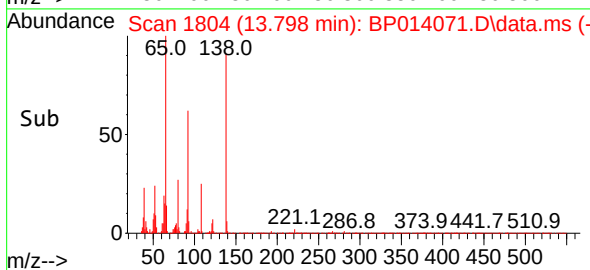
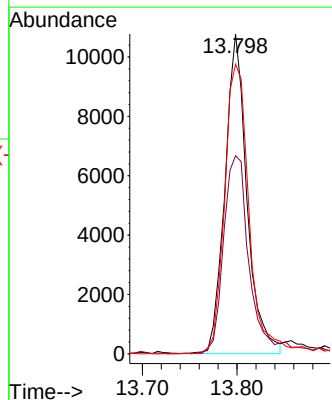
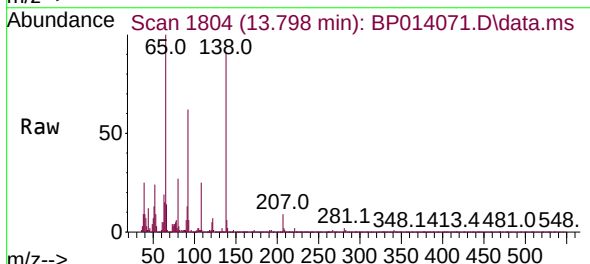
Manual Integrations
APPROVED

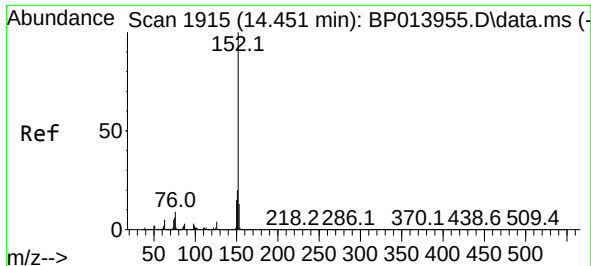
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#48
2-Nitroaniline
Concen: 2.841 ng
RT: 13.798 min Scan# 1804
Delta R.T. 0.000 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

Tgt Ion: 65 Resp: 17432
Ion Ratio Lower Upper
65 100
92 61.9 54.4 81.6
138 90.6 78.0 117.0





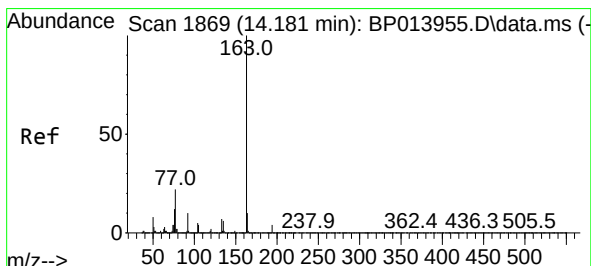
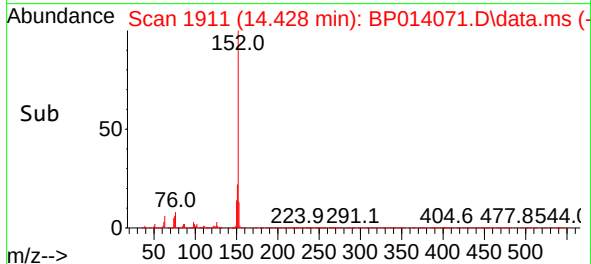
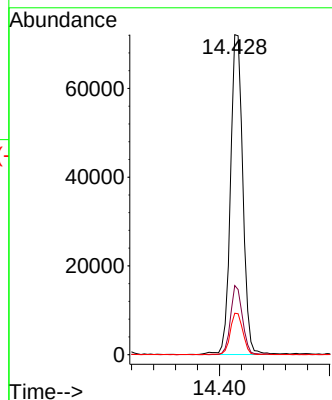
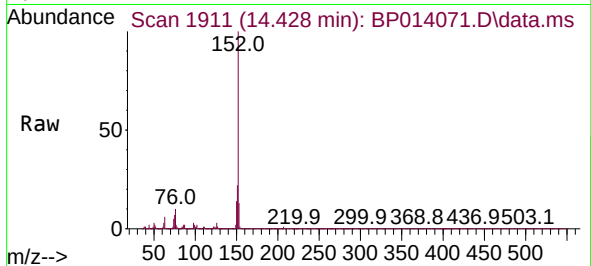
#49
Acenaphthylene
Concen: 3.493 ng
RT: 14.428 min Scan# 1915
Delta R.T. -0.012 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

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

Tgt Ion:152 Resp: 112301
Ion Ratio Lower Upper
152 100
151 21.6 16.1 24.1
153 12.9 10.4 15.6

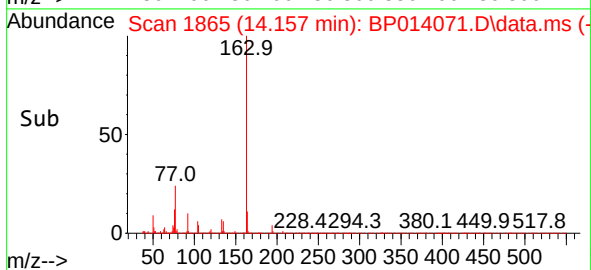
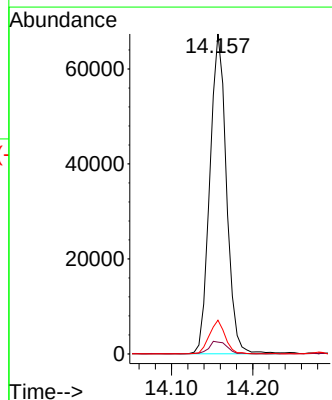
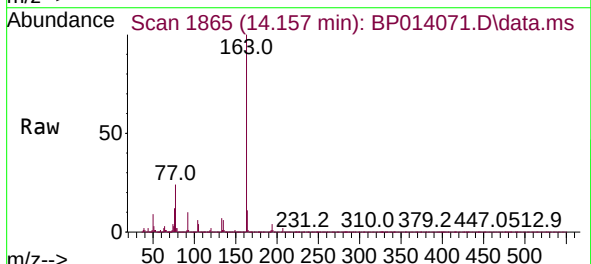
Manual Integrations
APPROVED

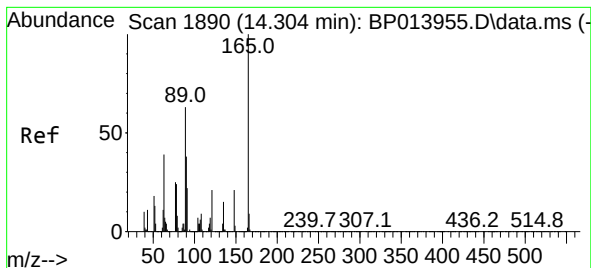
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#50
Dimethylphthalate
Concen: 3.574 ng
RT: 14.157 min Scan# 1865
Delta R.T. -0.012 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

Tgt Ion:163 Resp: 96196
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.2
164 10.5 8.1 12.1





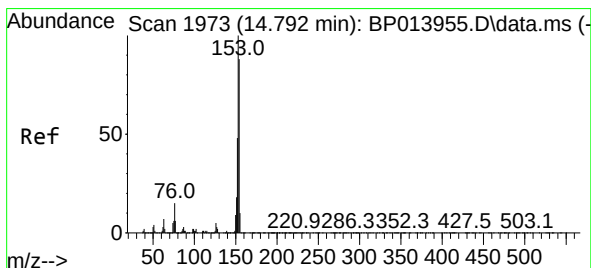
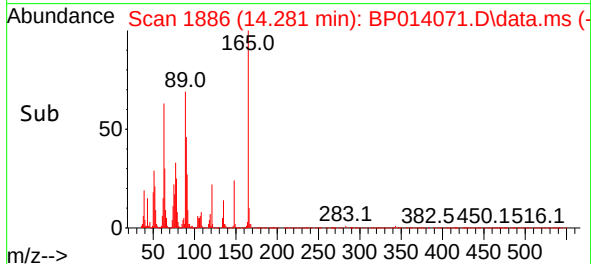
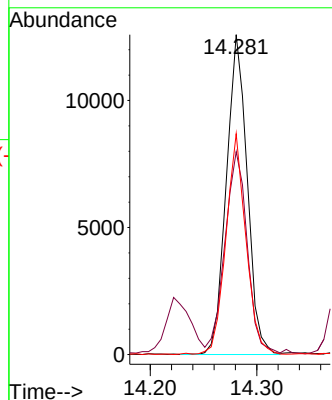
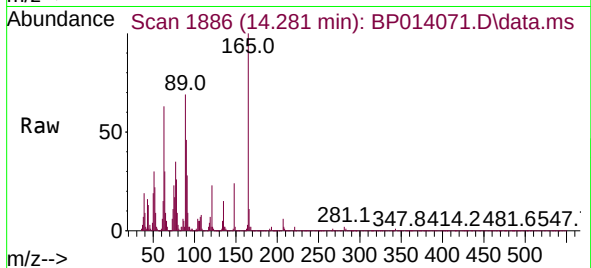
#51
2,6-Dinitrotoluene
Concen: 3.017 ng
RT: 14.281 min Scan# 1890
Delta R.T. -0.012 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

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

Tgt Ion:165 Resp: 1710
Ion Ratio Lower Upper
165 100
63 63.4 46.7 70.1
89 69.0 50.8 76.2

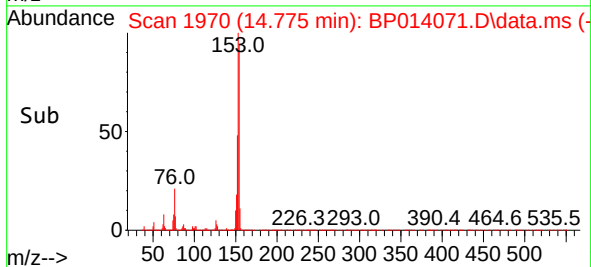
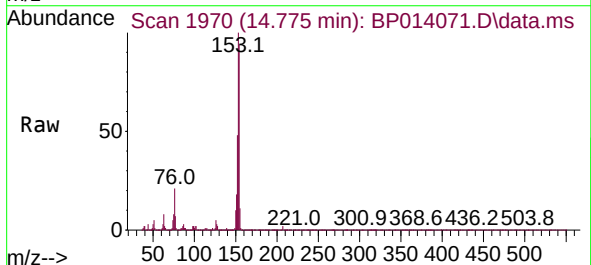
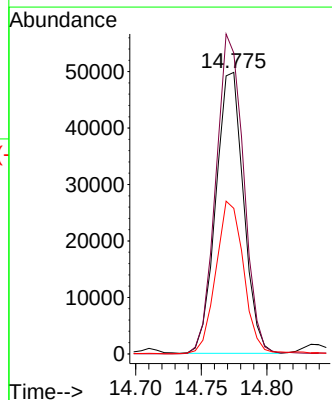
Manual Integrations
APPROVED

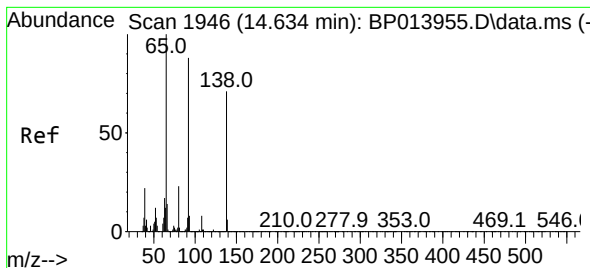
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#52
Acenaphthene
Concen: 3.786 ng
RT: 14.775 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

Tgt Ion:154 Resp: 73275
Ion Ratio Lower Upper
154 100
153 106.9 91.3 136.9
152 51.7 43.4 65.0





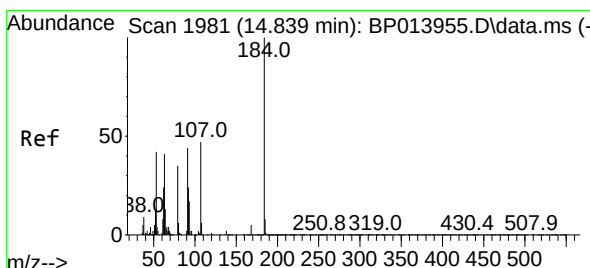
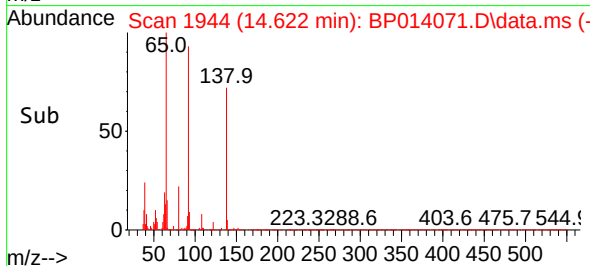
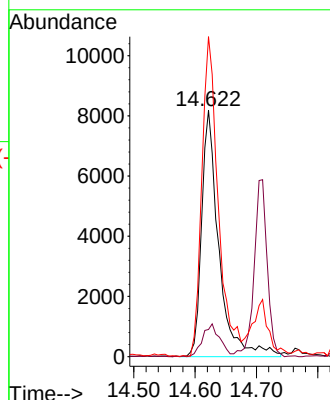
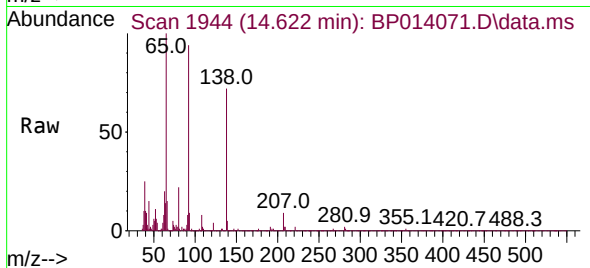
#53
3-Nitroaniline
Concen: 2.864 ng m
RT: 14.622 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

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

Tgt Ion:138 Resp: 1591
Ion Ratio Lower Upper
138 100
108 11.0 9.5 14.3
92 130.0 99.2 148.8

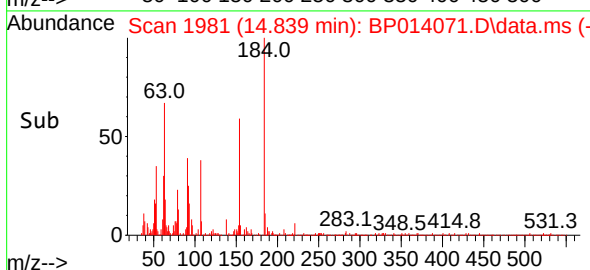
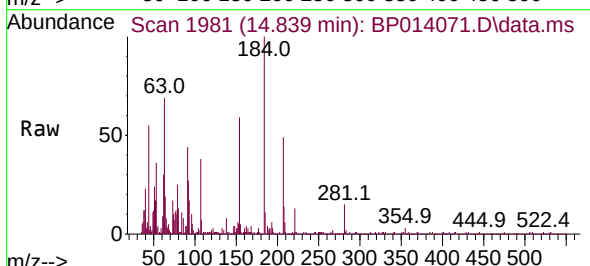
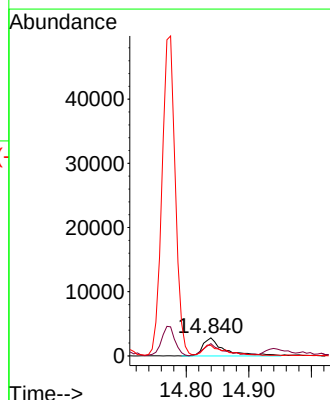
Manual Integrations
APPROVED

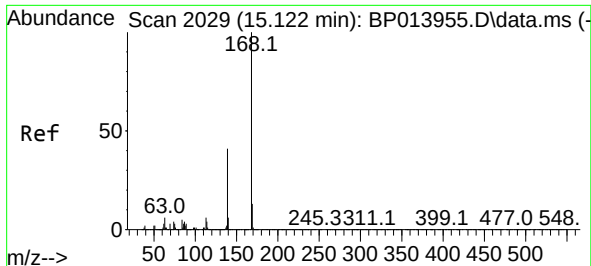
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#54
2,4-Dinitrophenol
Concen: 4.585 ng m
RT: 14.839 min Scan# 1981
Delta R.T. 0.012 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

Tgt Ion:184 Resp: 6587
Ion Ratio Lower Upper
184 100
63 68.6 52.4 78.6
154 58.6 59.4 89.2#





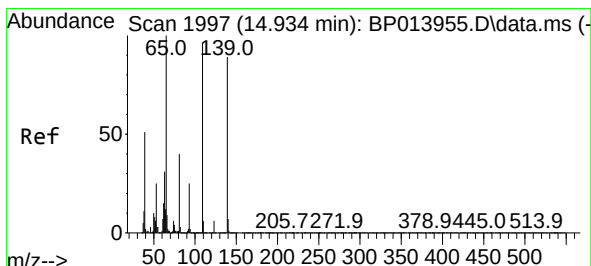
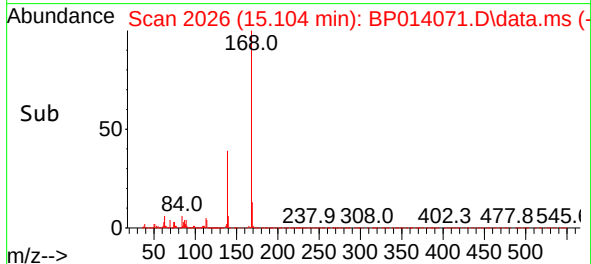
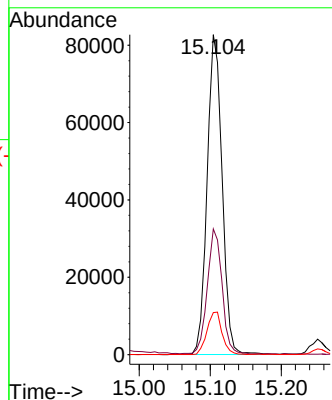
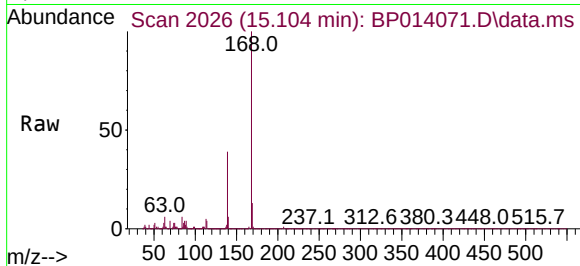
#55
Dibenzenofuran
Concen: 3.836 ng
RT: 15.104 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

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

Tgt Ion:168 Resp: 12103
Ion Ratio Lower Upper
168 100
139 39.3 32.9 49.3
169 13.1 10.6 15.8

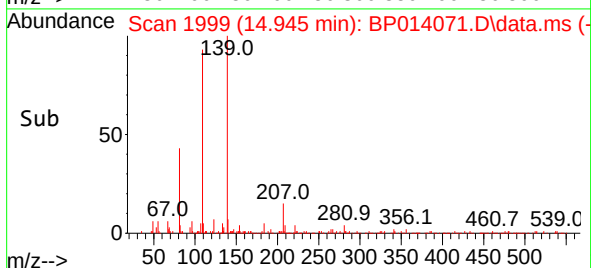
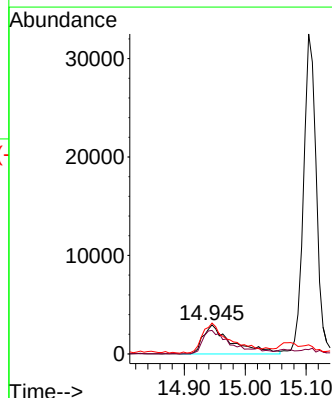
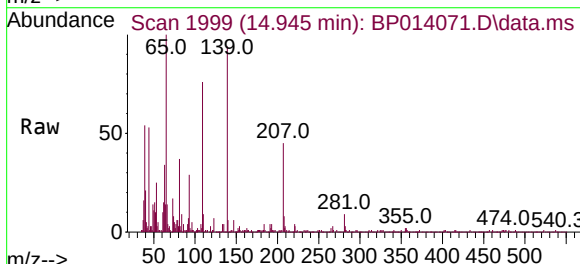
Manual Integrations
APPROVED

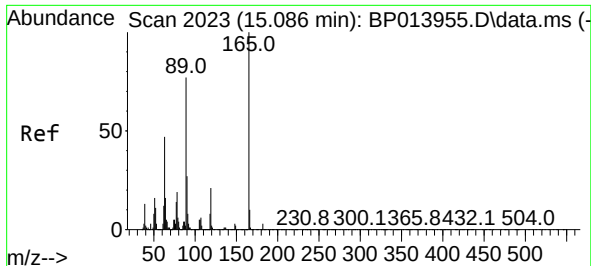
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#56
4-Nitrophenol
Concen: 2.143 ng
RT: 14.945 min Scan# 1999
Delta R.T. 0.024 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

Tgt Ion:139 Resp: 9694
Ion Ratio Lower Upper
139 100
109 81.0 87.0 127.0#
65 106.1 92.1 132.1





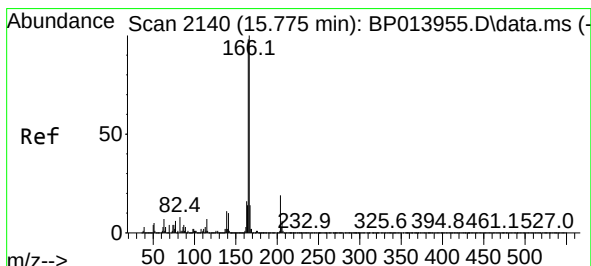
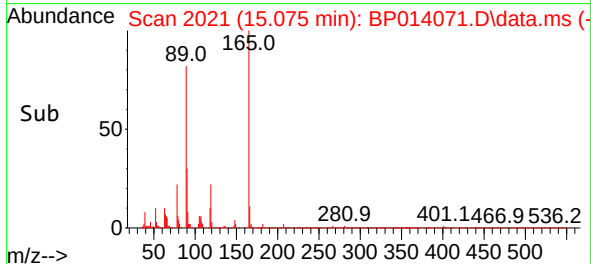
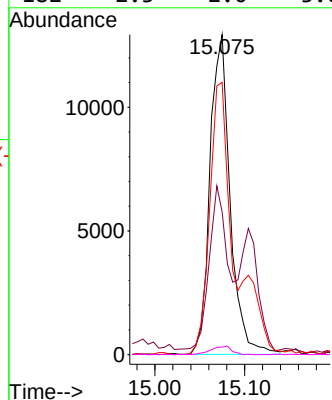
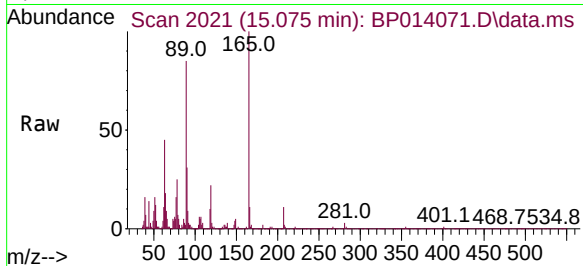
#57
2,4-Dinitrotoluene
Concen: 2.663 ng
RT: 15.075 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

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

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.6	37.5	56.3
89	85.1	61.8	92.8
182	2.3	2.0	3.0

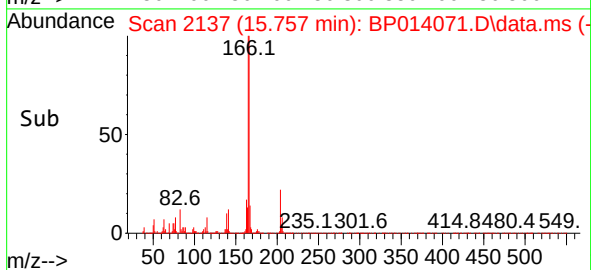
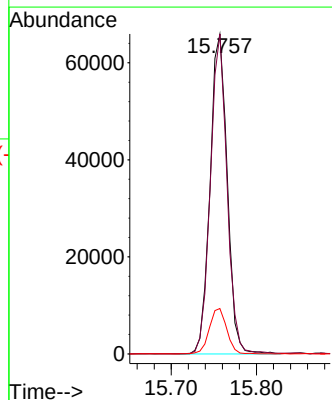
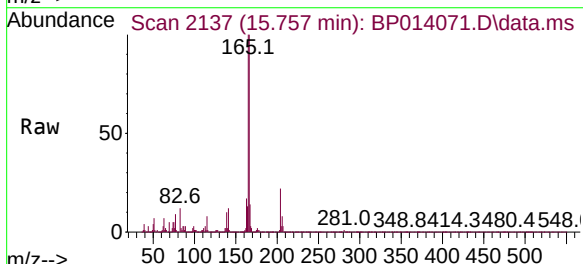
Manual Integrations
APPROVED

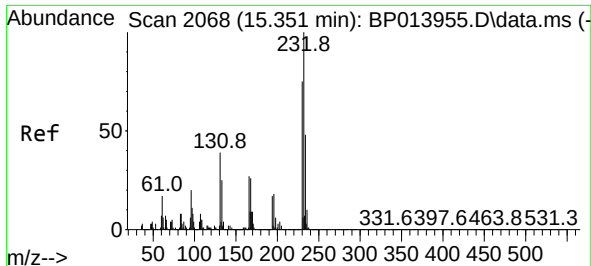
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#58
Fluorene
Concen: 3.679 ng
RT: 15.757 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.1	78.1	117.1
167	14.2	10.8	16.2





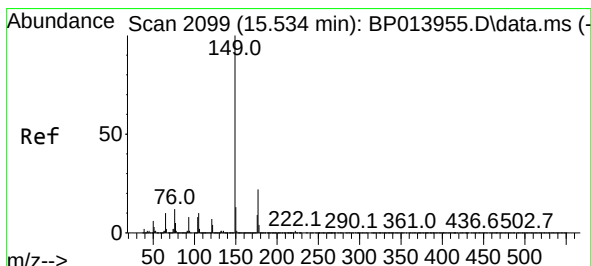
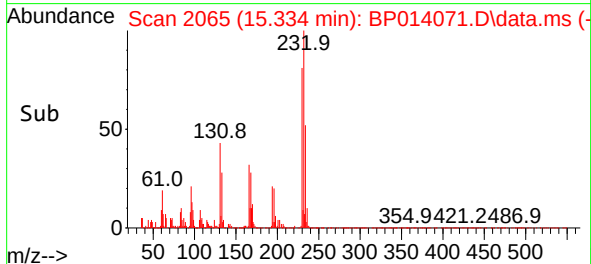
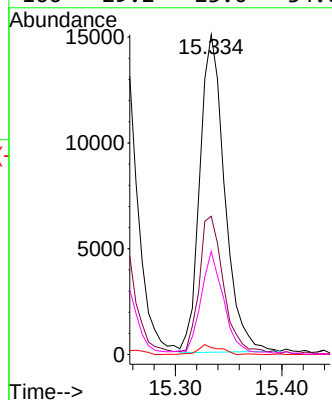
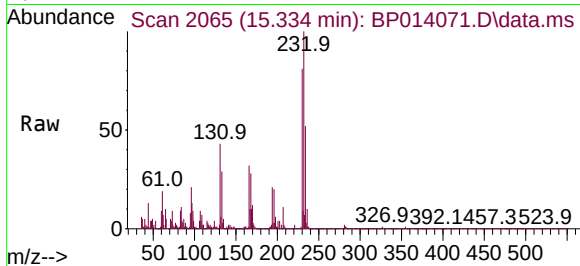
#59
2,3,4,6-Tetrachlorophenol
Concen: 3.057 ng
RT: 15.334 min Scan# 2065
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

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

Tgt Ion:232 Resp: 24293
Ion Ratio Lower Upper
232 100
131 42.8 32.5 48.7
130 2.7 1.9 2.9
166 29.2 23.0 34.6

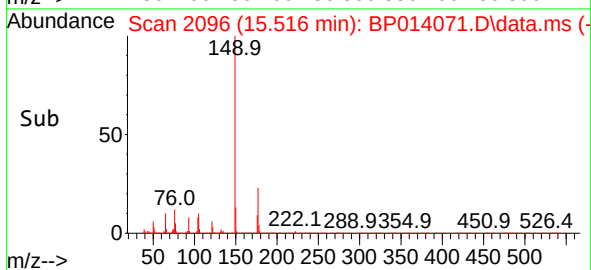
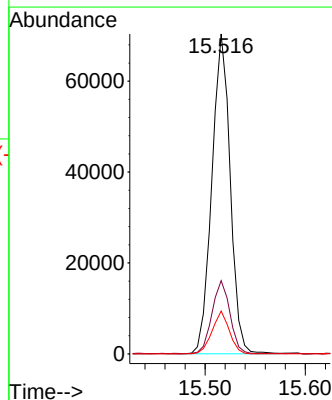
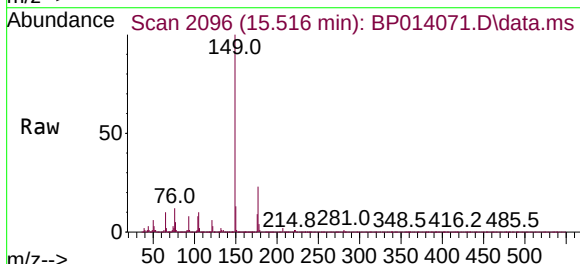
Manual Integrations
APPROVED

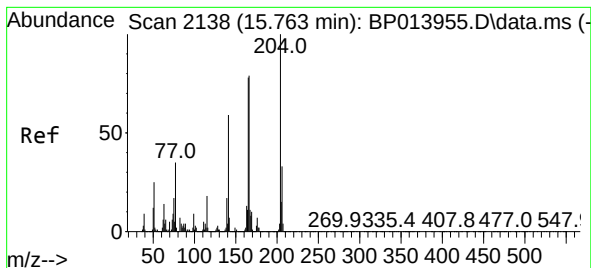
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#60
Diethylphthalate
Concen: 3.368 ng
RT: 15.516 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

Tgt Ion:149 Resp: 89503
Ion Ratio Lower Upper
149 100
177 22.9 18.0 27.0
150 13.4 10.3 15.5





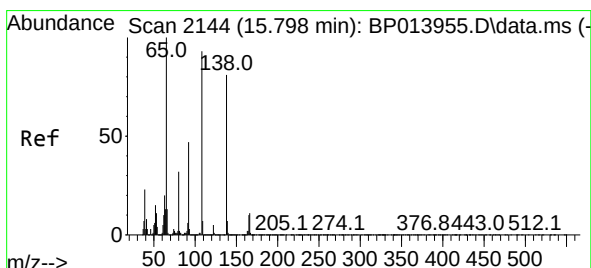
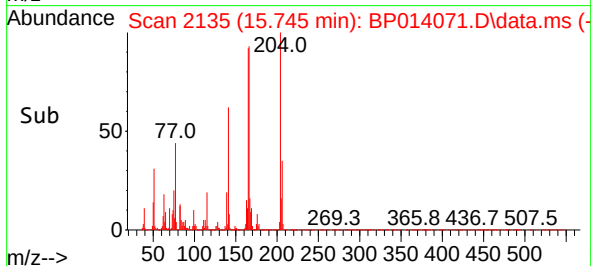
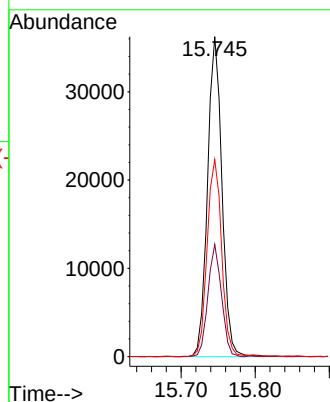
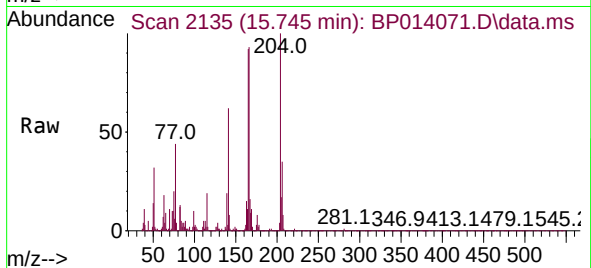
#61
4-Chlorophenyl-phenylether
Concen: 3.444 ng
RT: 15.745 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

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

Tgt Ion: 204 Resp: 4891
Ion Ratio Lower Upper
204 100
206 35.0 26.2 39.4
141 61.6 46.9 70.3

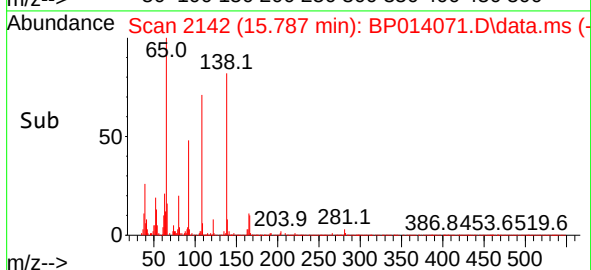
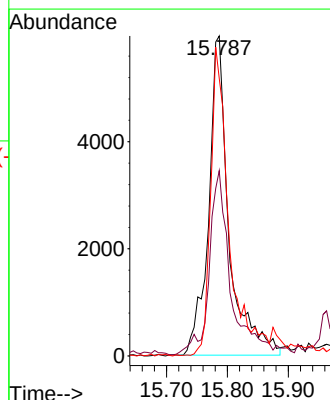
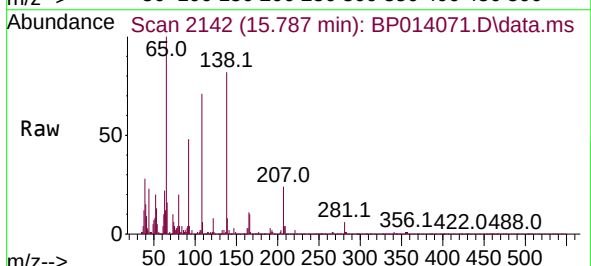
Manual Integrations
APPROVED

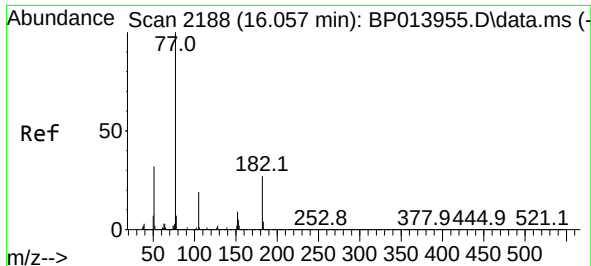
Reviewed By : Christian Giraldo 03/14/2023
Supervised By : Jagrut Upadhyay 03/14/2023



#62
4-Nitroaniline
Concen: 2.529 ng
RT: 15.787 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

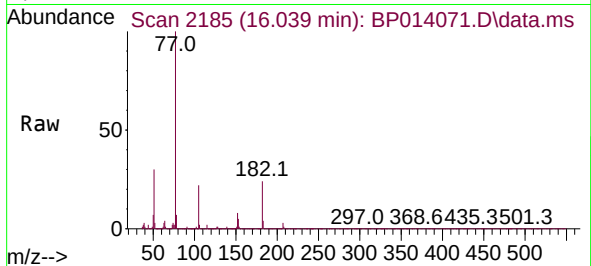
Tgt Ion: 138 Resp: 13991
Ion Ratio Lower Upper
138 100
92 57.9 37.9 77.9
108 86.7 94.9 134.9#





#63
Azobenzene
Concen: 3.401 ng
RT: 16.039 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

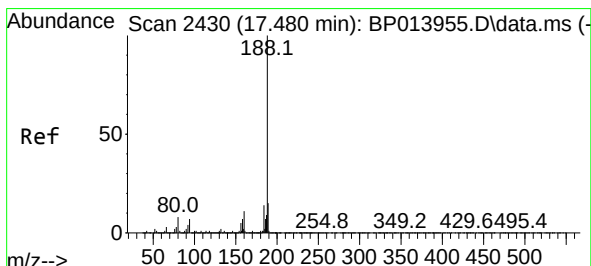
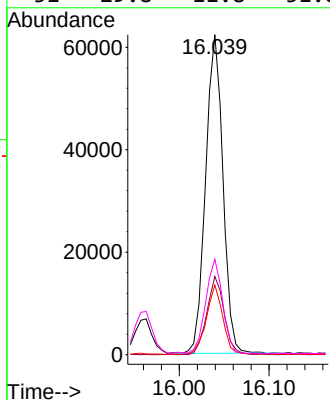
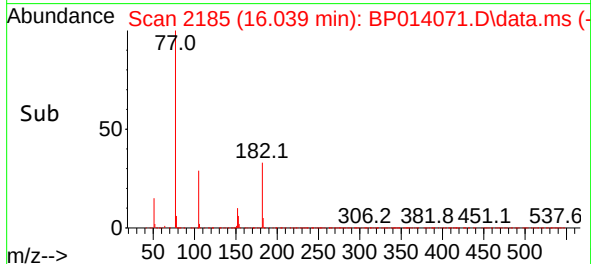
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 77	Resp: 83654
Ion Ratio	Lower Upper
77 100	
182 24.4	6.9 46.9
105 21.7	0.0 39.4
51 29.8	11.8 51.8

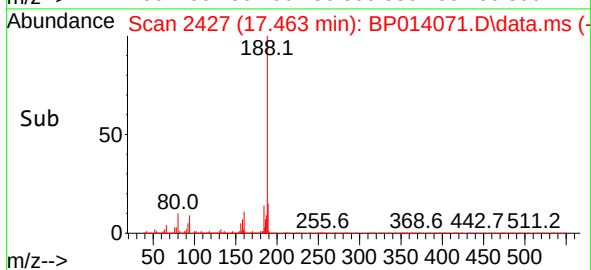
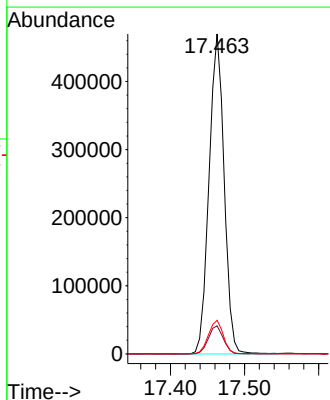
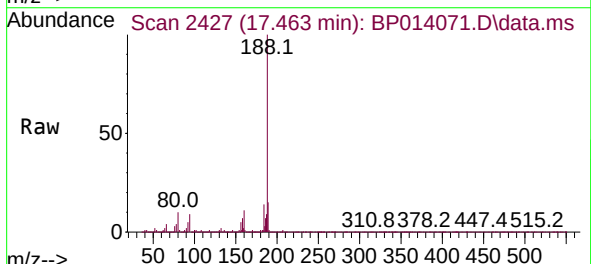
Manual Integrations
APPROVED

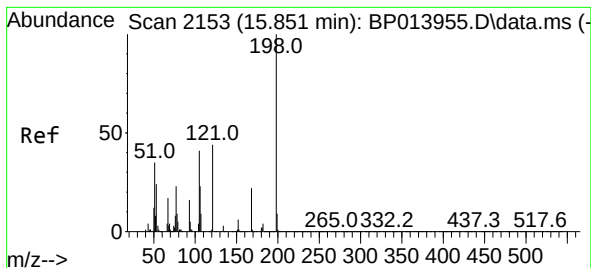
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.463 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

Tgt Ion: 188	Resp: 664146
Ion Ratio	Lower Upper
188 100	
94 8.8	5.8 8.6#
80 10.5	6.6 9.8#





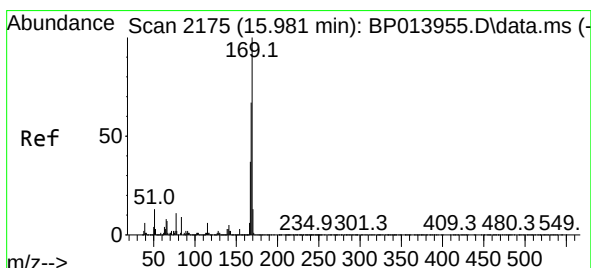
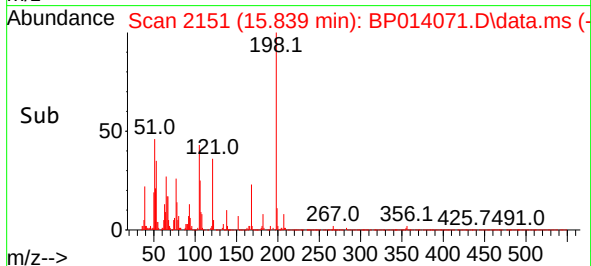
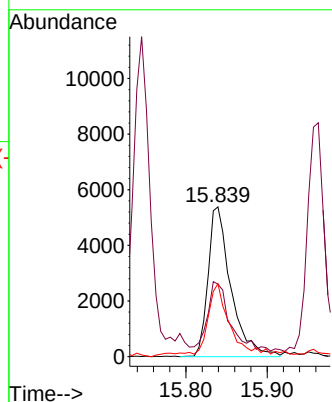
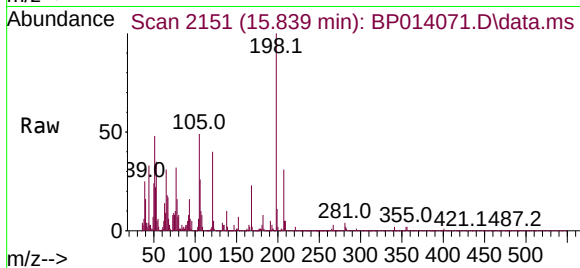
#65
4,6-Dinitro-2-methylphenol
Concen: 2.132 ng
RT: 15.839 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

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

Tgt Ion:198 Resp: 10489
Ion Ratio Lower Upper
198 100
51 48.3 22.1 62.1
105 48.7 21.5 61.5

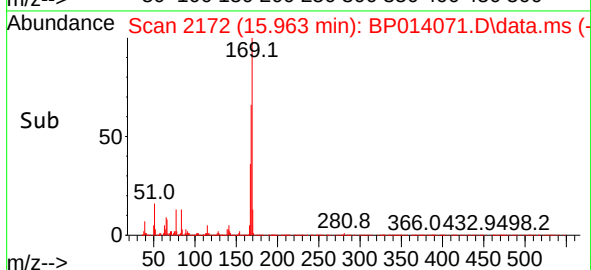
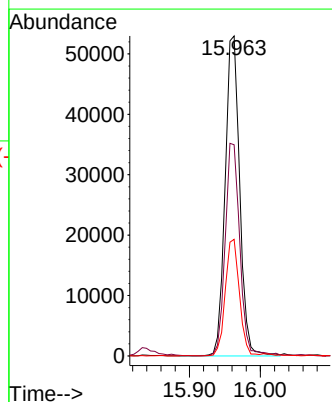
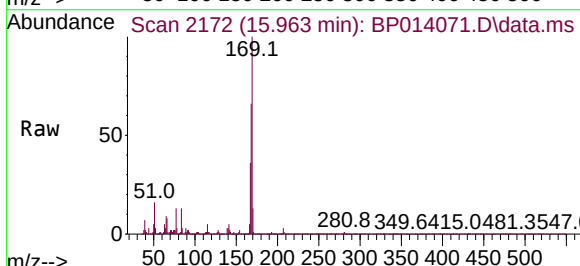
Manual Integrations
APPROVED

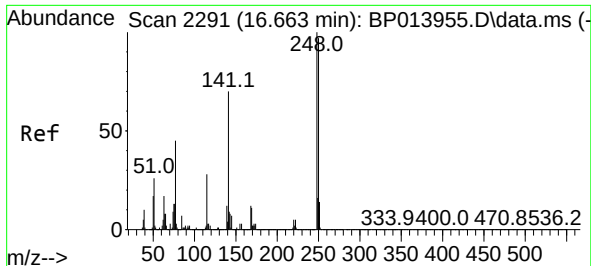
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#66
n-Nitrosodiphenylamine
Concen: 3.606 ng
RT: 15.963 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

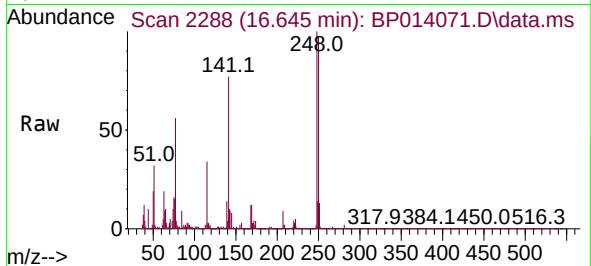
Tgt Ion:169 Resp: 75684
Ion Ratio Lower Upper
169 100
168 66.0 54.0 81.0
167 36.4 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 3.334 ng
RT: 16.645 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

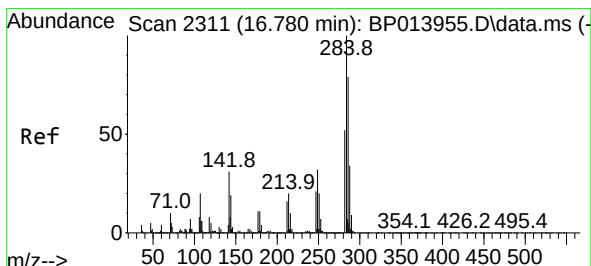
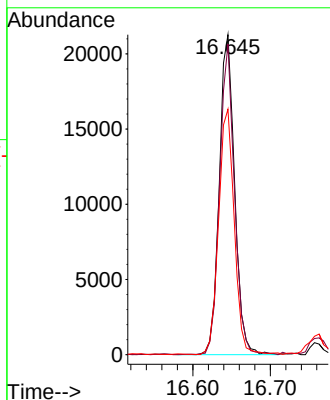
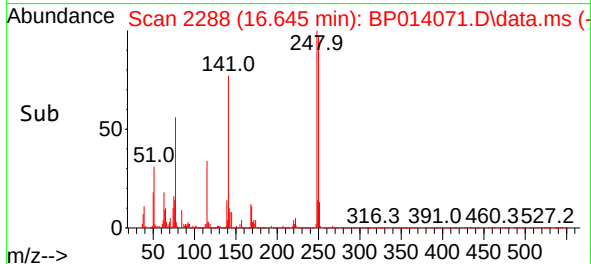
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:248 Resp: 29290
Ion Ratio Lower Upper
248 100
250 97.0 77.9 116.9
141 76.7 56.0 84.0

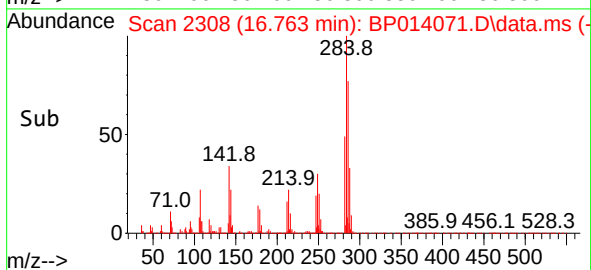
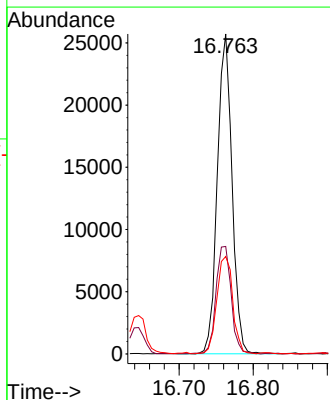
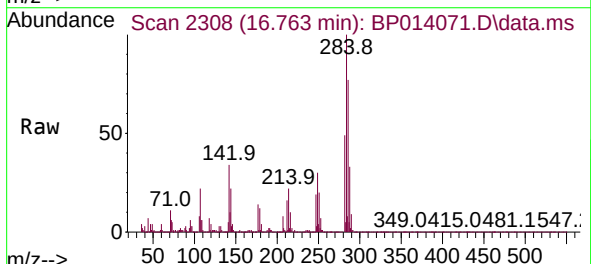
Manual Integrations
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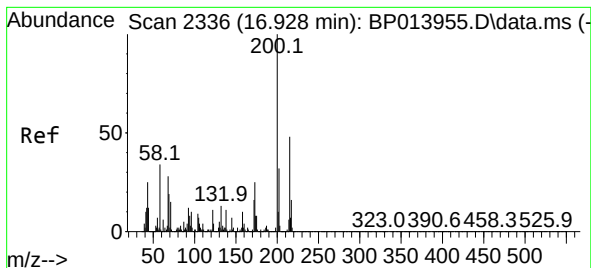
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#68
Hexachlorobenzene
Concen: 3.752 ng
RT: 16.763 min Scan# 2308
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

Tgt Ion:284 Resp: 35335
Ion Ratio Lower Upper
284 100
142 33.6 24.8 37.2
249 30.4 25.7 38.5





#69

Atrazine

Concen: 3.412 ng

RT: 16.910 min Scan# 2333

Delta R.T. -0.006 min

Lab File: BP014071.D

Acq: 13 Mar 2023 19:42

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

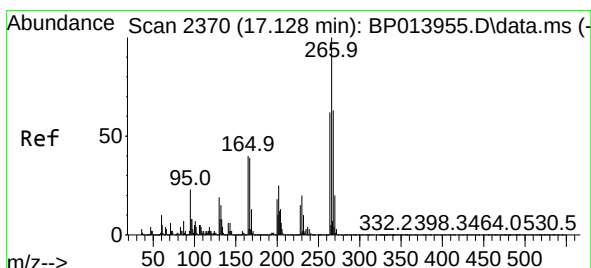
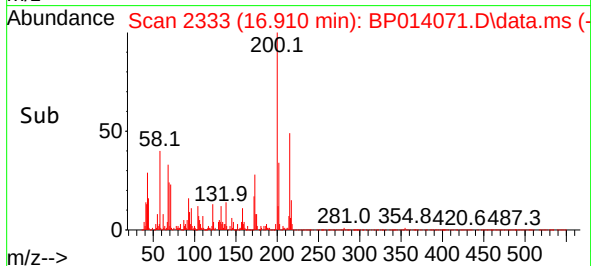
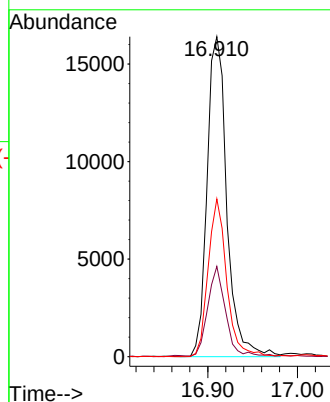
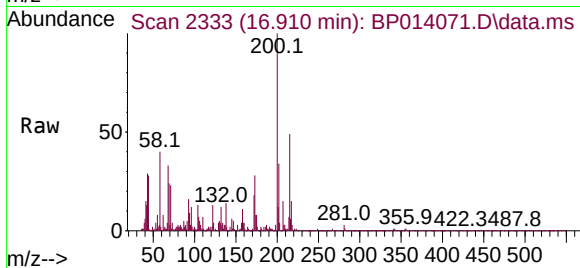
Tgt Ion:200 Resp: 25137
 Ion Ratio Lower Upper
 200 100
 173 28.2 5.5 45.5
 215 49.3 27.9 67.9

Manual Integrations

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Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#70

Pentachlorophenol

Concen: 2.246 ng

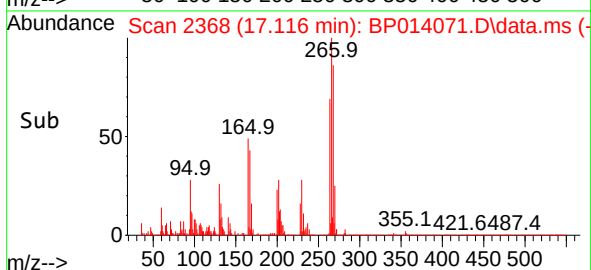
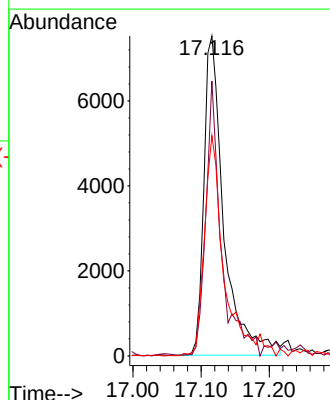
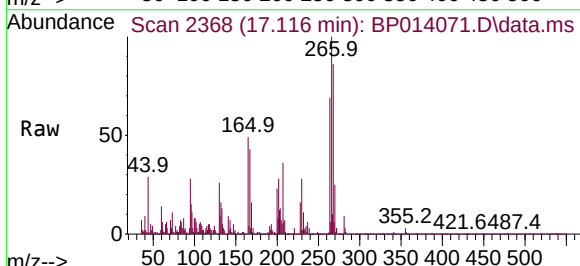
RT: 17.116 min Scan# 2368

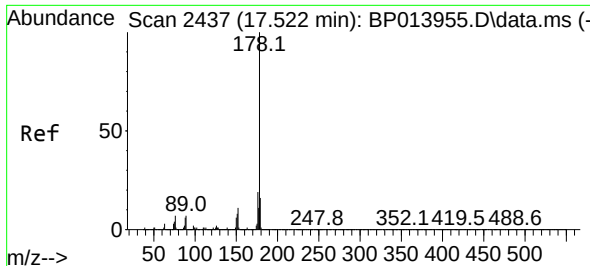
Delta R.T. 0.000 min

Lab File: BP014071.D

Acq: 13 Mar 2023 19:42

Tgt Ion:266 Resp: 15252
 Ion Ratio Lower Upper
 266 100
 268 85.9 50.4 75.6
 264 68.8 49.2 73.8





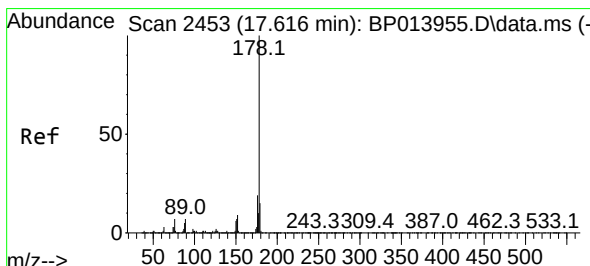
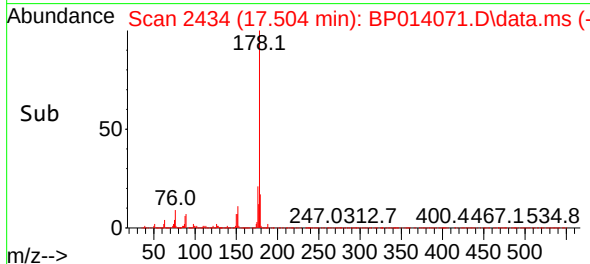
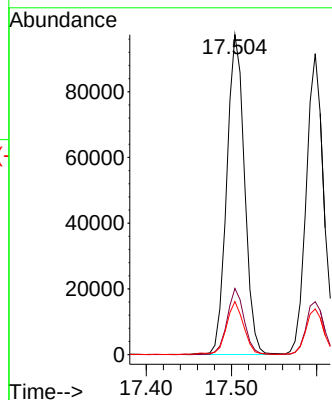
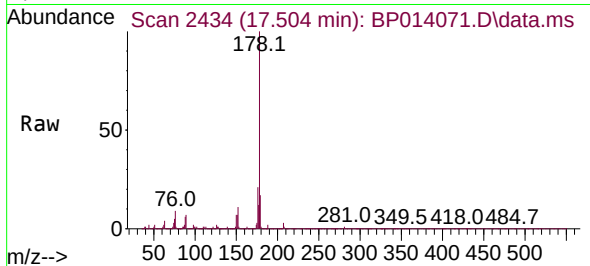
#71
Phenanthrene
Concen: 3.797 ng
RT: 17.504 min Scan# 2437
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

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

Tgt Ion:178 Resp: 140864
Ion Ratio Lower Upper
178 100
176 20.7 15.4 23.2
179 16.6 12.6 19.0

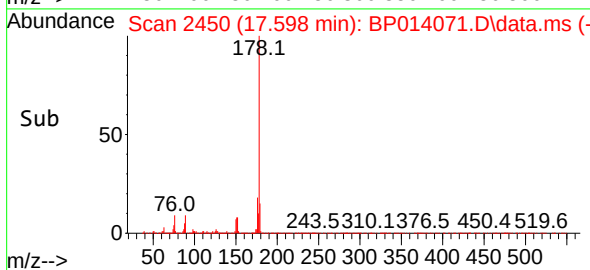
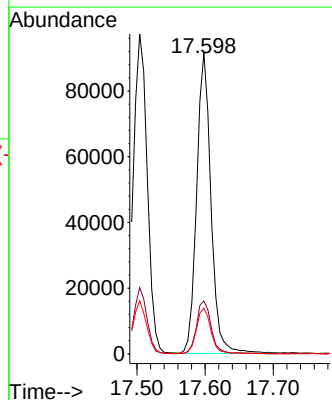
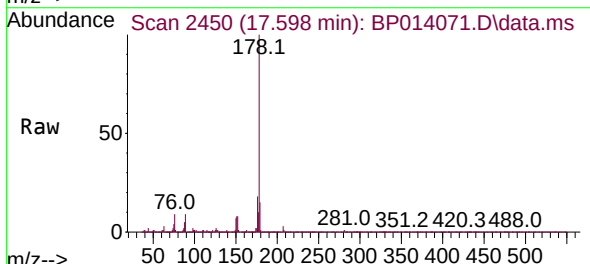
Manual Integrations
APPROVED

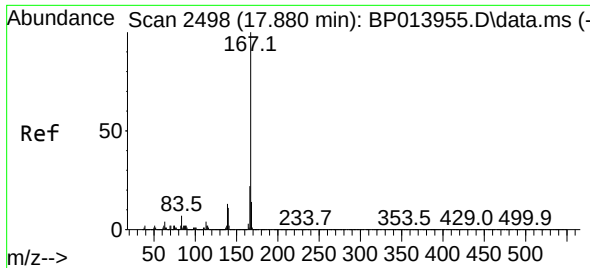
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#72
Anthracene
Concen: 3.527 ng
RT: 17.598 min Scan# 2450
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

Tgt Ion:178 Resp: 133698
Ion Ratio Lower Upper
178 100
176 17.6 14.9 22.3
179 15.2 12.1 18.1





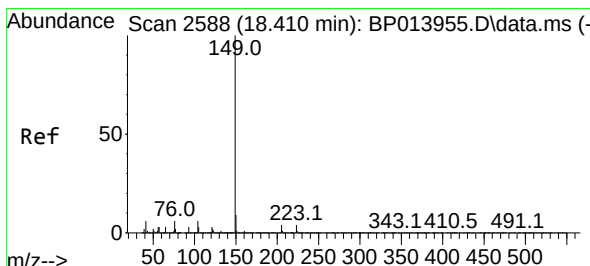
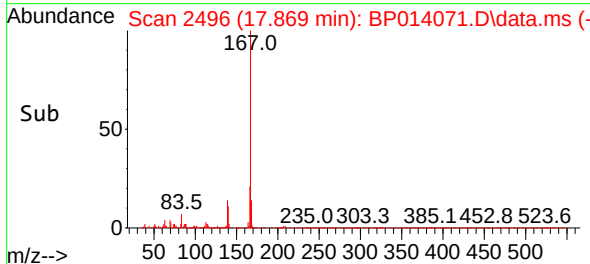
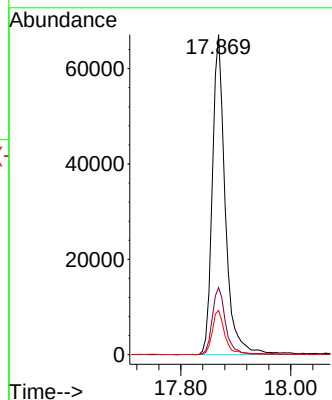
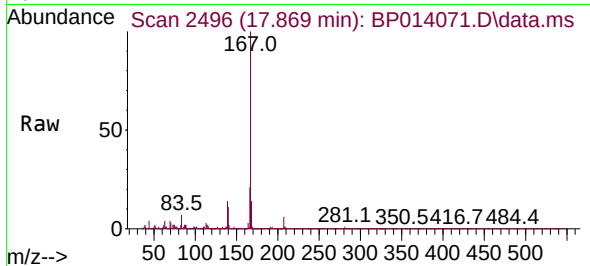
#73
 Carbazole
 Concen: 3.342 ng
 RT: 17.869 min Scan# 2498
 Delta R.T. 0.000 min
 Lab File: BP014071.D
 Acq: 13 Mar 2023 19:42

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

Tgt Ion:167 Resp: 109283
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.2 25.8
 139 13.8 10.5 15.7

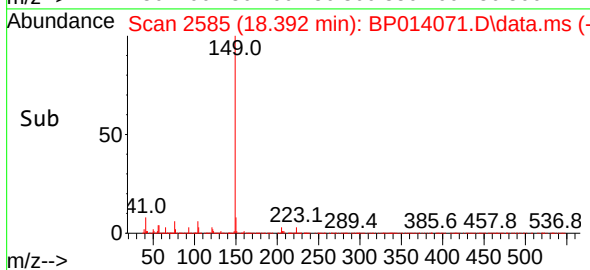
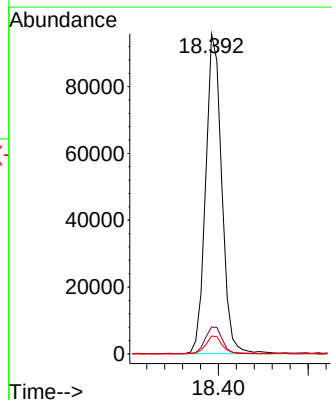
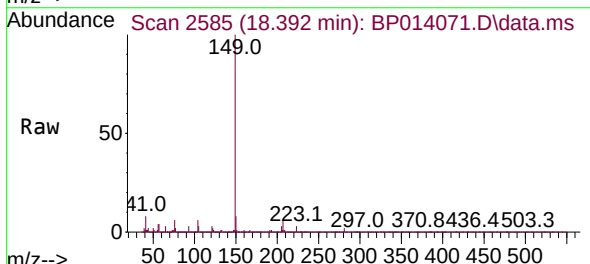
Manual Integrations
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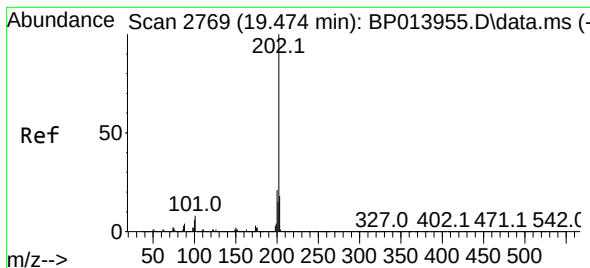
Reviewed By :Christian Giraldo 03/14/2023
 Supervised By :Jagrut Upadhyay 03/14/2023



#74
 Di-n-butylphthalate
 Concen: 2.919 ng
 RT: 18.392 min Scan# 2585
 Delta R.T. -0.006 min
 Lab File: BP014071.D
 Acq: 13 Mar 2023 19:42

Tgt Ion:149 Resp: 119350
 Ion Ratio Lower Upper
 149 100
 150 8.4 7.2 10.8
 104 5.6 4.6 7.0





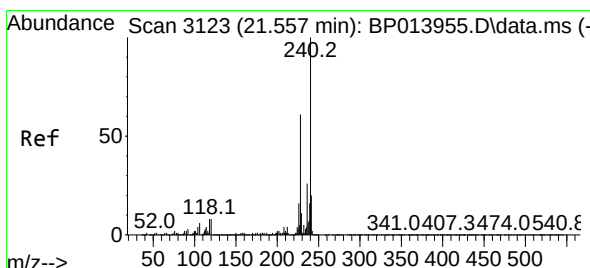
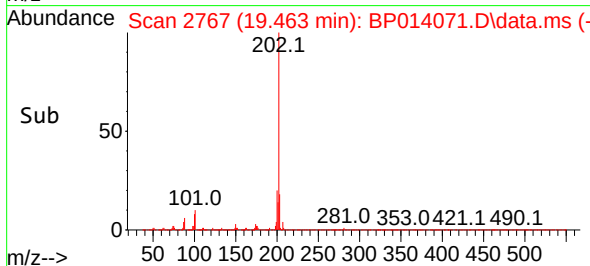
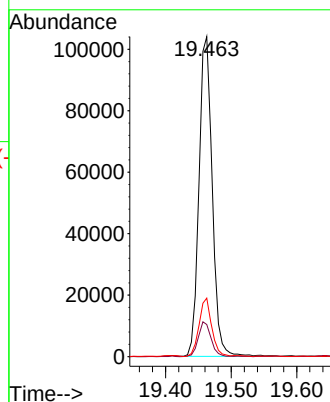
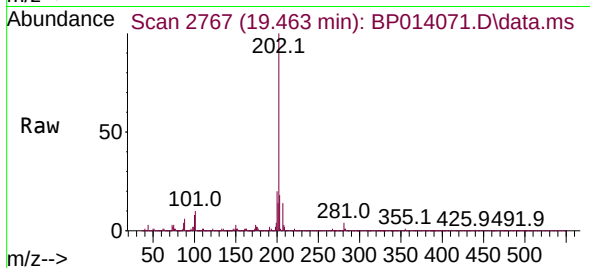
#75
Fluoranthene
Concen: 3.273 ng
RT: 19.463 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

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

Tgt Ion:202 Resp: 145162
Ion Ratio Lower Upper
202 100
101 10.0 0.0 27.9
203 18.3 0.0 37.7

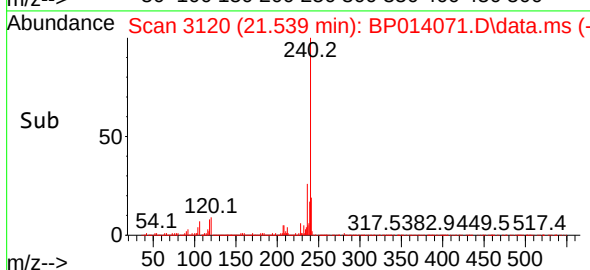
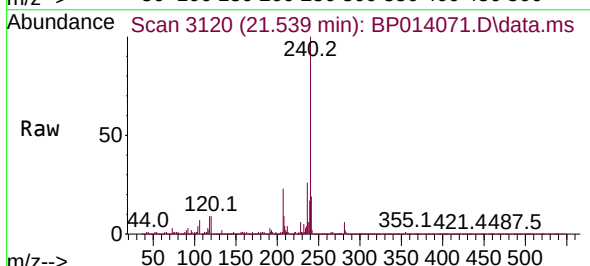
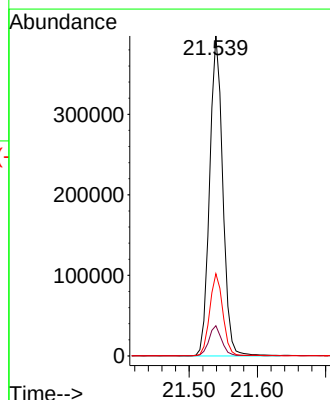
Manual Integrations
APPROVED

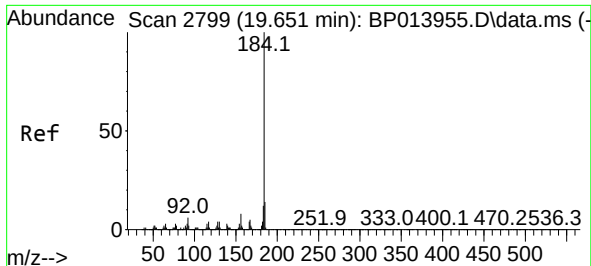
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.539 min Scan# 3120
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

Tgt Ion:240 Resp: 531741
Ion Ratio Lower Upper
240 100
120 9.4 6.4 9.6
236 25.7 21.2 31.8





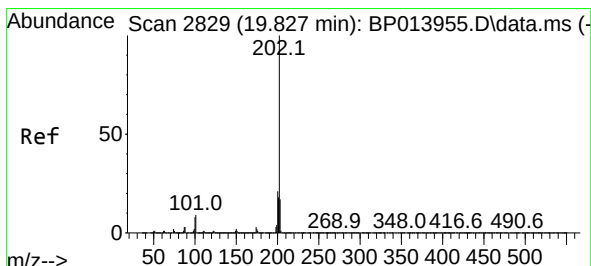
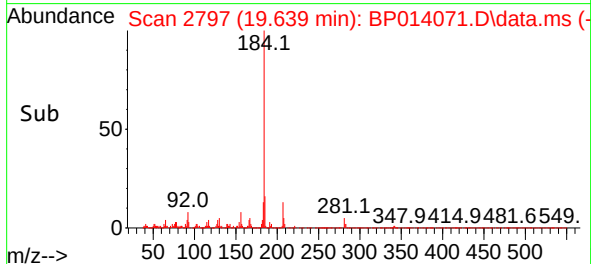
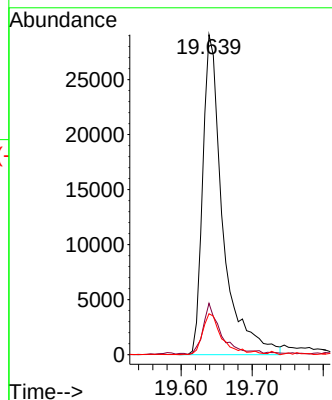
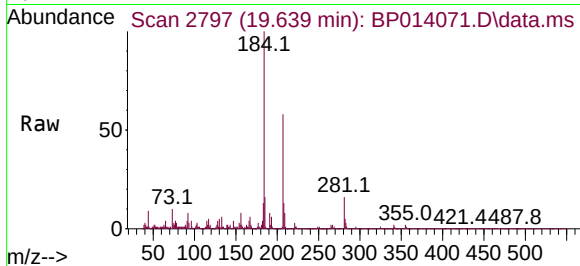
#77
Benzidine
Concen: 7.236 ng
RT: 19.639 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

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

Tgt Ion:184 Resp: 5693
Ion Ratio Lower Upper
184 100
185 16.0 11.6 17.4
183 12.8 9.7 14.5

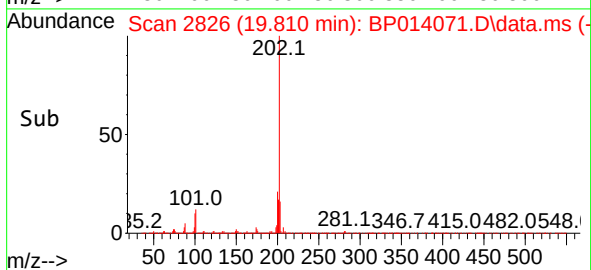
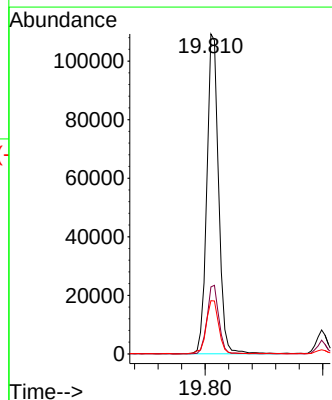
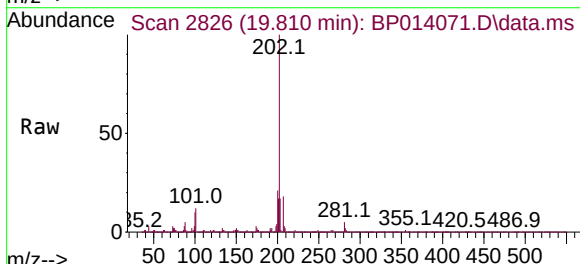
Manual Integrations
APPROVED

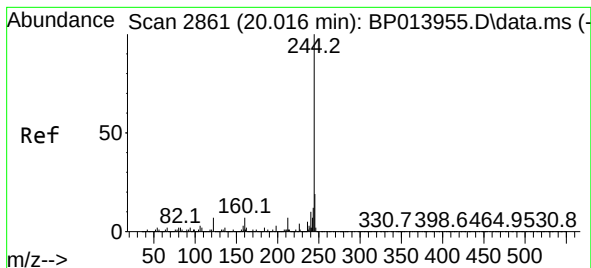
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#78
Pyrene
Concen: 3.710 ng
RT: 19.810 min Scan# 2826
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

Tgt Ion:202 Resp: 151435
Ion Ratio Lower Upper
202 100
200 20.9 16.9 25.3
203 16.7 13.9 20.9





#79

Terphenyl-d14

Concen: 82.229 ng

RT: 19.998 min Scan# 2861

Delta R.T. -0.006 min

Lab File: BP014071.D

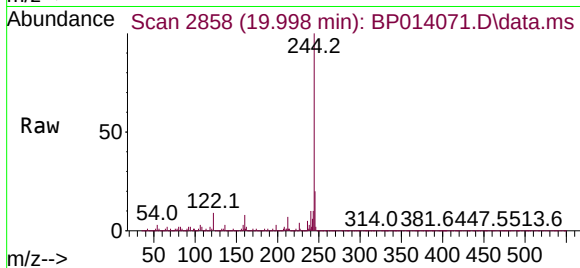
Acq: 13 Mar 2023 19:42

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023



Tgt Ion:244 Resp: 265165

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

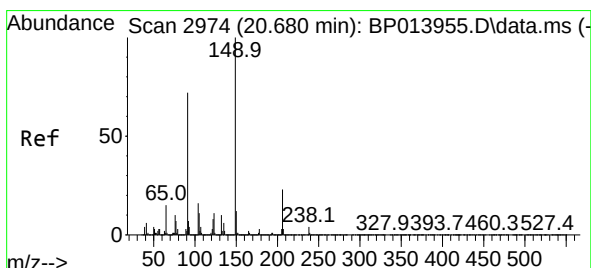
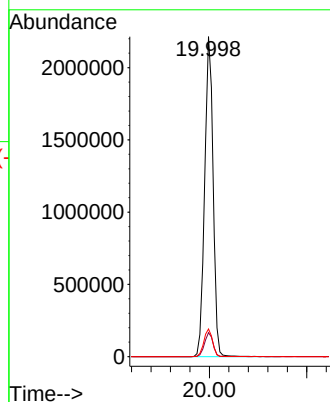
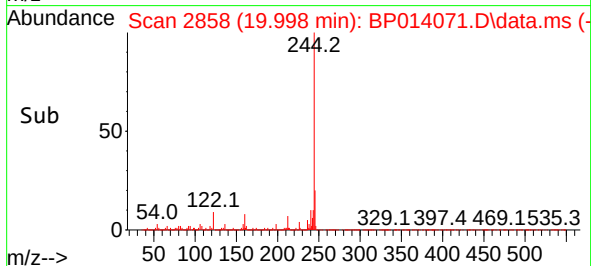
122 8.6 5.8 8.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#80

Butylbenzylphthalate

Concen: 2.715 ng

RT: 20.669 min Scan# 2972

Delta R.T. 0.000 min

Lab File: BP014071.D

Acq: 13 Mar 2023 19:42

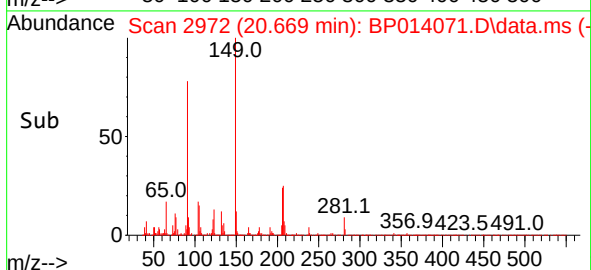
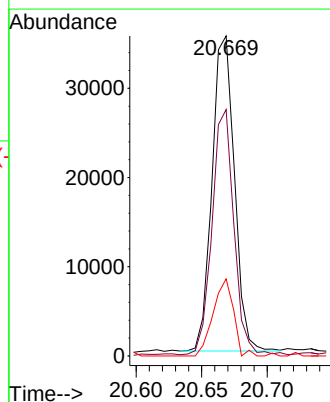
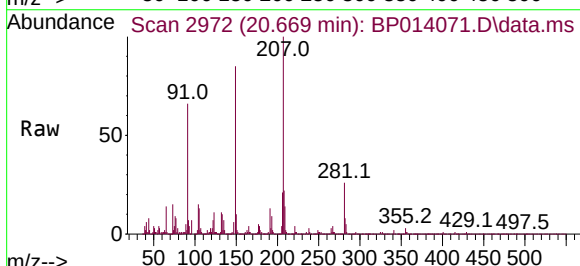
Tgt Ion:149 Resp: 42016

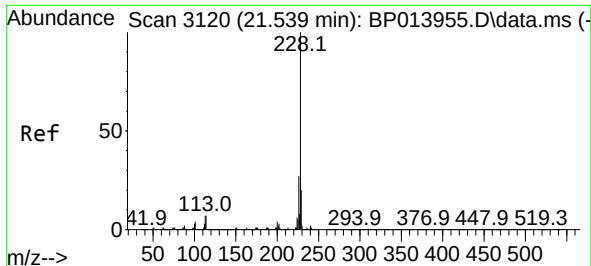
Ion Ratio Lower Upper

149 100

91 77.0 58.0 87.0

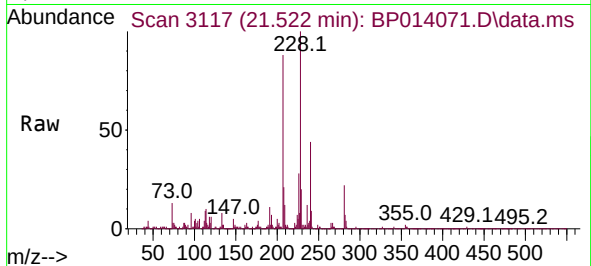
206 24.1 18.7 28.1





#81
Benzo(a)anthracene
Concen: 3.442 ng
RT: 21.522 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

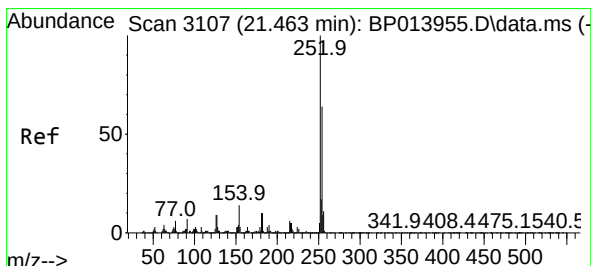
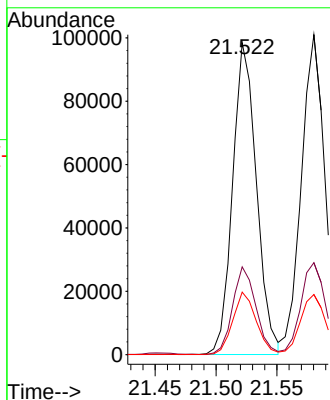
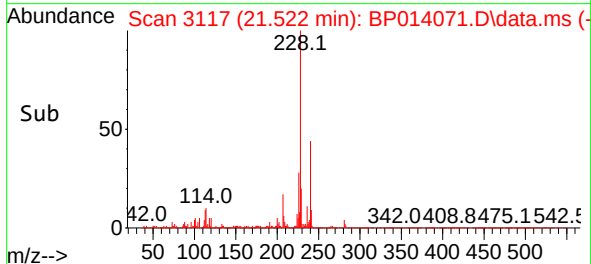
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



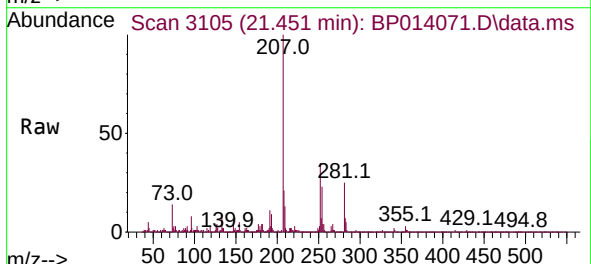
Tgt Ion:228 Resp: 134286
Ion Ratio Lower Upper
228 100
226 28.1 21.8 32.8
229 20.1 15.8 23.6

Manual Integrations
APPROVED

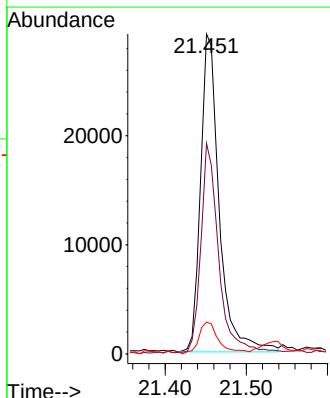
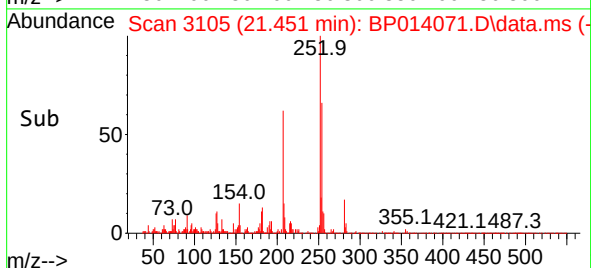
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

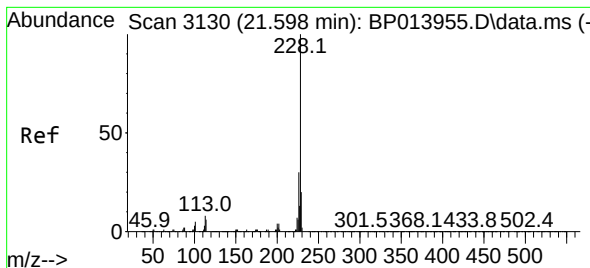


#82
3,3'-Dichlorobenzidine
Concen: 3.731 ng
RT: 21.451 min Scan# 3105
Delta R.T. 0.000 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42



Tgt Ion:252 Resp: 46575
Ion Ratio Lower Upper
252 100
254 65.8 51.0 76.6
126 9.9 7.0 10.6





#83

Chrysene

Concen: 3.725 ng

RT: 21.580 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP014071.D

Acq: 13 Mar 2023 19:42

Instrument :

BNA_P

ClientSampleId :

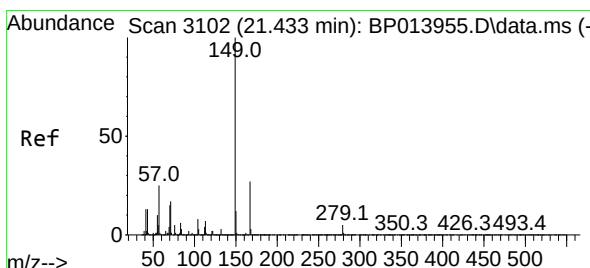
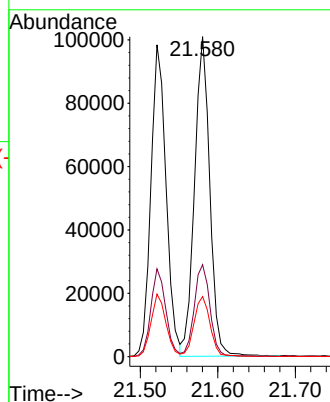
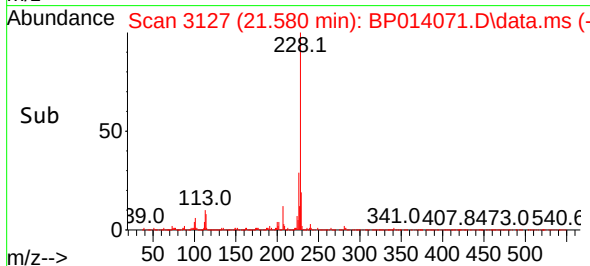
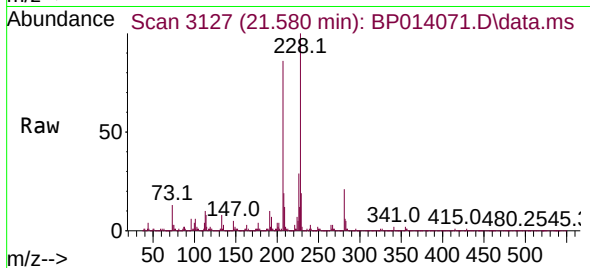
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:	228	Resp:	13761
Ion Ratio	Lower	Upper	
228	100		
226	28.7	24.2	36.4
229	18.8	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: 2.479 ng

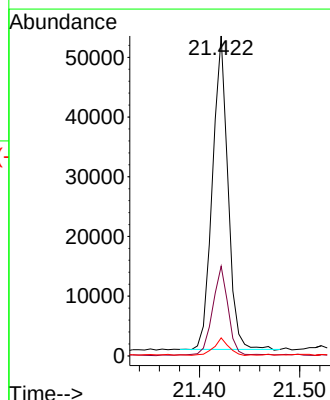
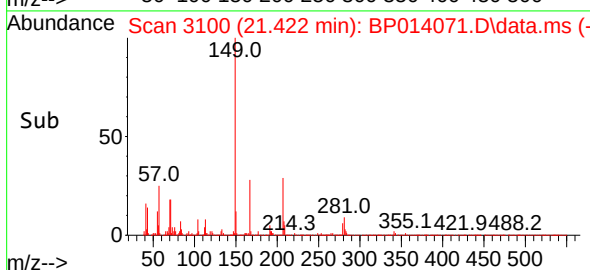
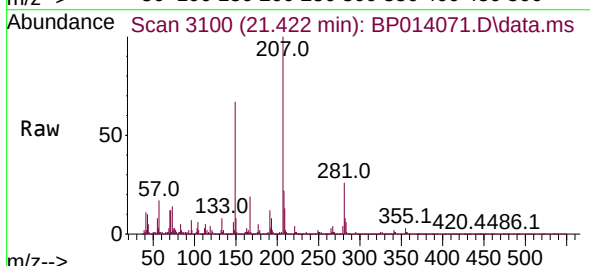
RT: 21.422 min Scan# 3100

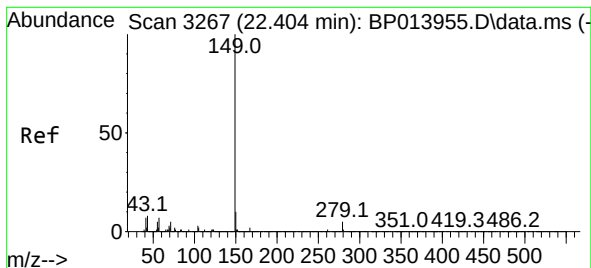
Delta R.T. 0.000 min

Lab File: BP014071.D

Acq: 13 Mar 2023 19:42

Tgt Ion:	149	Resp:	56270
Ion Ratio	Lower	Upper	
149	100		
167	28.0	21.8	32.6
279	5.6	4.0	6.0





#85

Di-n-octyl phthalate

Concen: 2.451 ng

RT: 22.386 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP014071.D

Acq: 13 Mar 2023 19:42

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

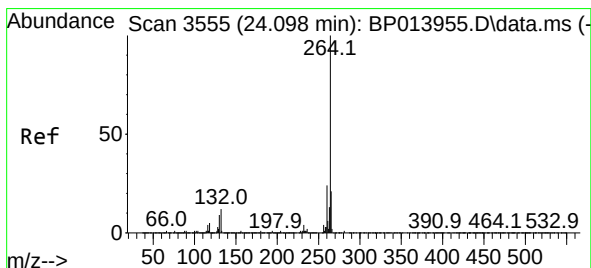
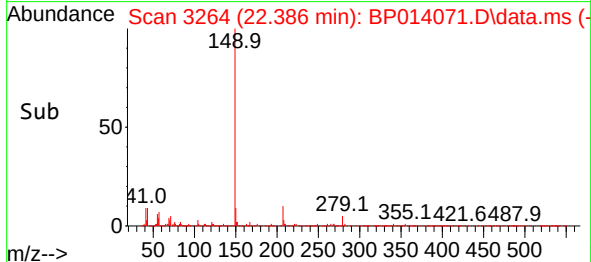
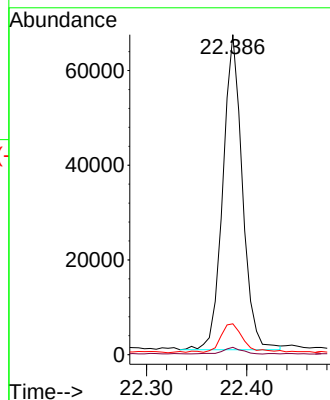
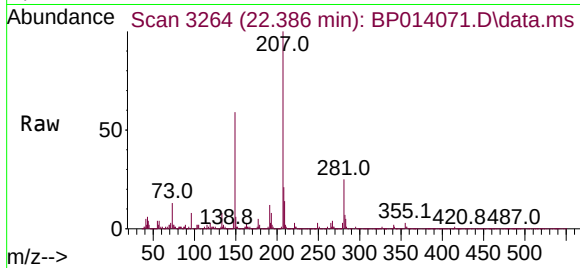
Tgt Ion:149	Resp:	90304
Ion Ratio	Lower	Upper
149	100	
167	2.1	1.3 1.9
43	11.8	6.4 9.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#86

Perylene-d12

Concen: 20.000 ng

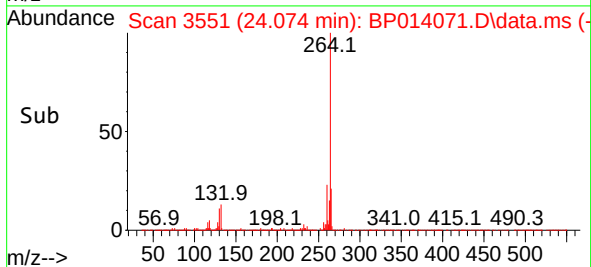
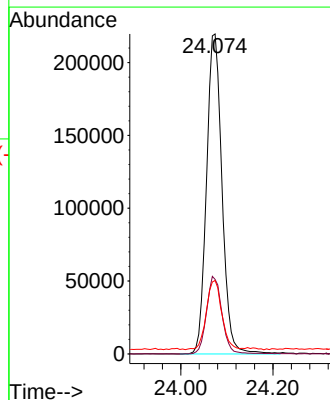
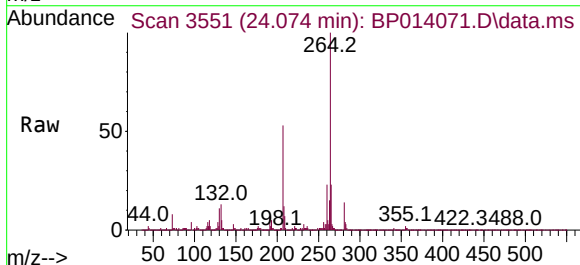
RT: 24.074 min Scan# 3551

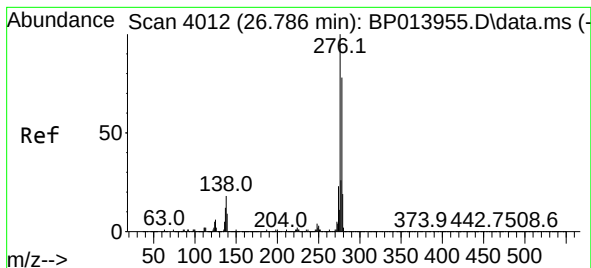
Delta R.T. -0.006 min

Lab File: BP014071.D

Acq: 13 Mar 2023 19:42

Tgt Ion:264	Resp:	510829
Ion Ratio	Lower	Upper
264	100	
260	23.3	19.4 29.2
265	23.0	17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.552 ng

RT: 26.733 min Scan# 4012

Delta R.T. -0.018 min

Lab File: BP014071.D

Acq: 13 Mar 2023 19:42

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

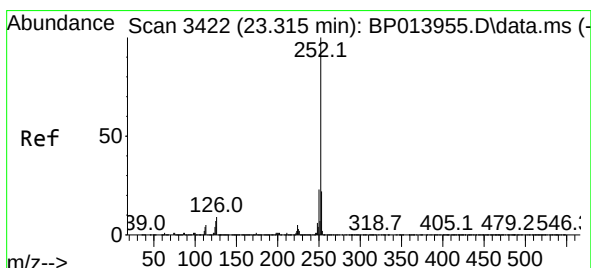
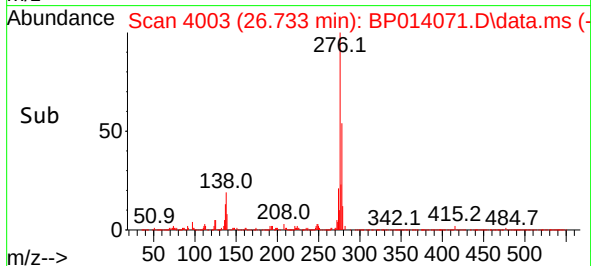
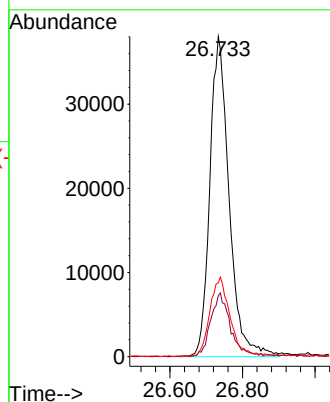
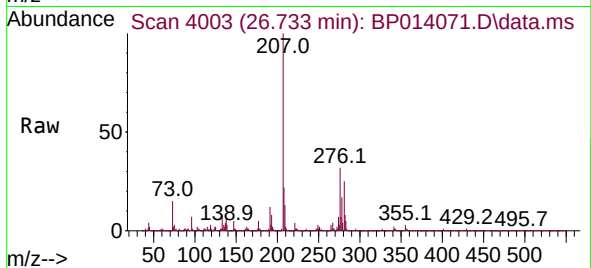
Tgt Ion:	276	Resp:	14019
Ion Ratio	Lower	Upper	
276	100		
138	20.0	13.8	20.8
277	26.1	20.4	30.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#88

Benzo(b)fluoranthene

Concen: 3.596 ng

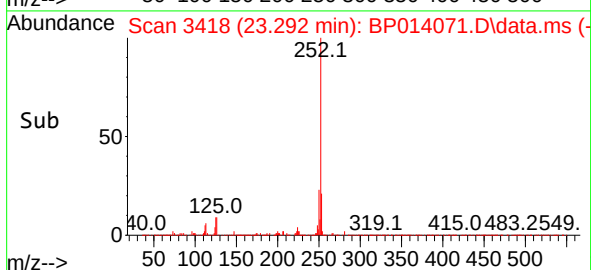
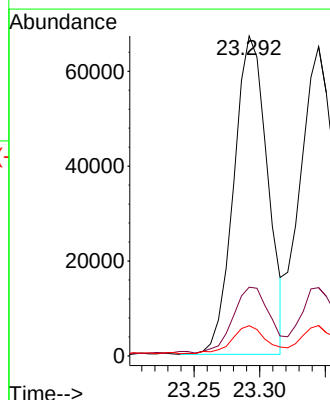
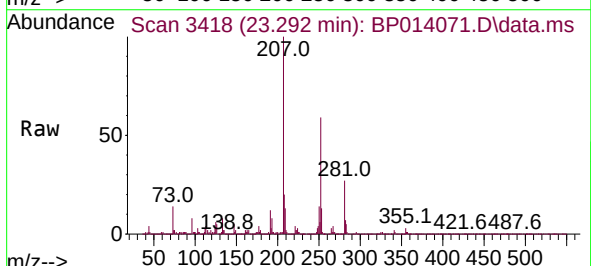
RT: 23.292 min Scan# 3418

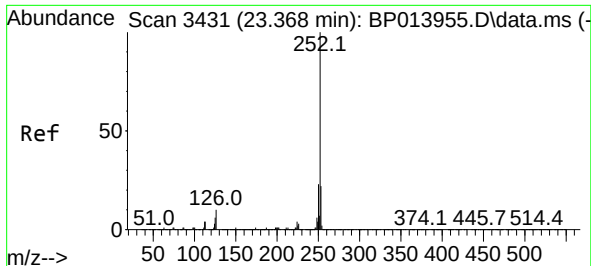
Delta R.T. -0.006 min

Lab File: BP014071.D

Acq: 13 Mar 2023 19:42

Tgt Ion:	252	Resp:	120289
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.5	26.3
125	9.4	5.6	8.4





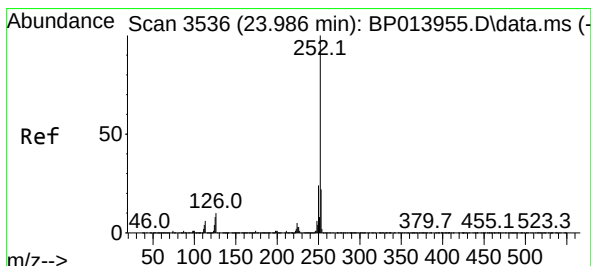
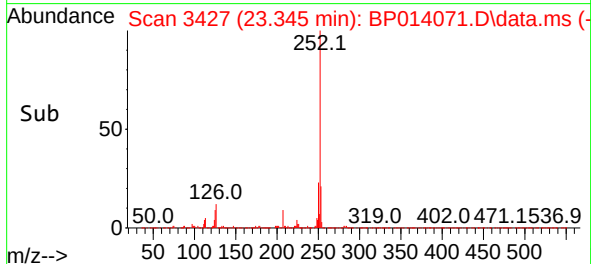
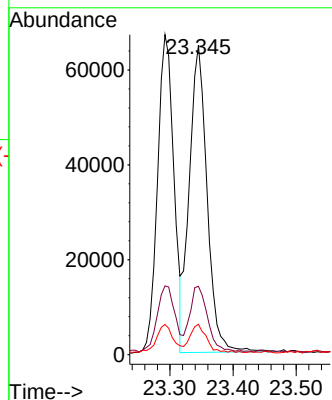
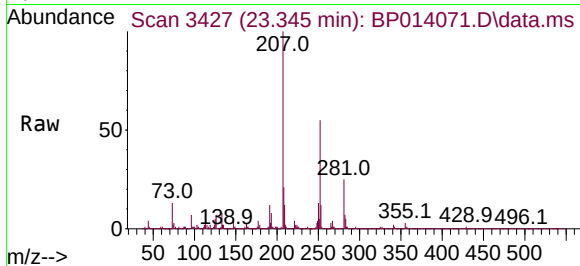
#89
Benzo(k)fluoranthene
Concen: 3.820 ng
RT: 23.345 min Scan# 3431
Delta R.T. -0.006 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

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

Tgt Ion:252 Resp: 126699
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 9.8 5.4 8.0

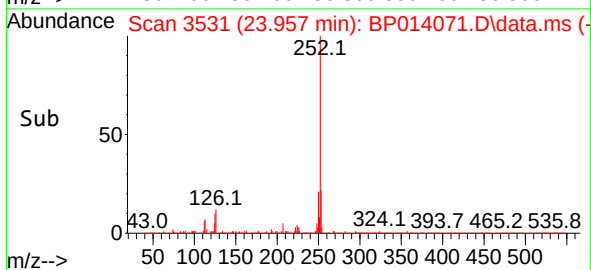
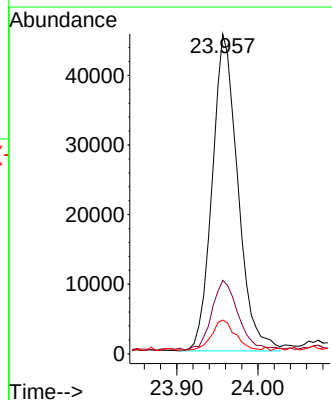
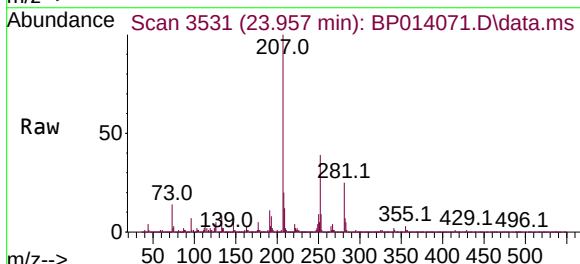
Manual Integrations
APPROVED

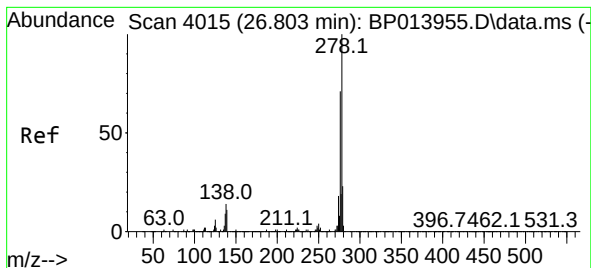
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#90
Benzo(a)pyrene
Concen: 3.134 ng
RT: 23.957 min Scan# 3531
Delta R.T. -0.012 min
Lab File: BP014071.D
Acq: 13 Mar 2023 19:42

Tgt Ion:252 Resp: 100001
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 10.6 6.2 9.4





#91

Dibenzo(a,h)anthracene

Concen: 3.497 ng

RT: 26.751 min Scan# 4015

Delta R.T. -0.012 min

Lab File: BP014071.D

Acq: 13 Mar 2023 19:42

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

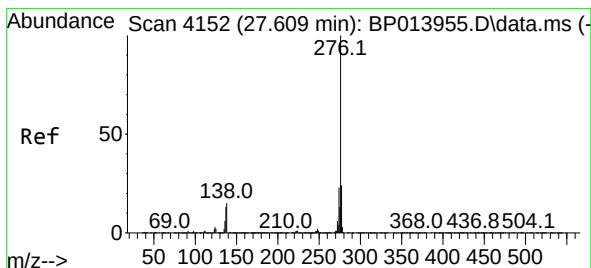
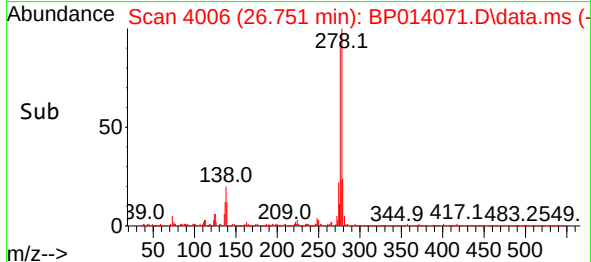
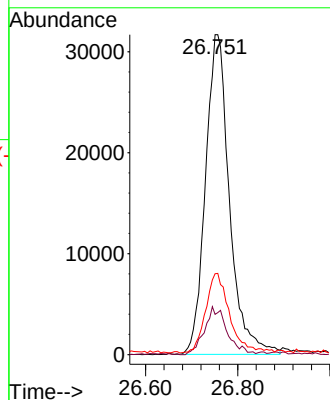
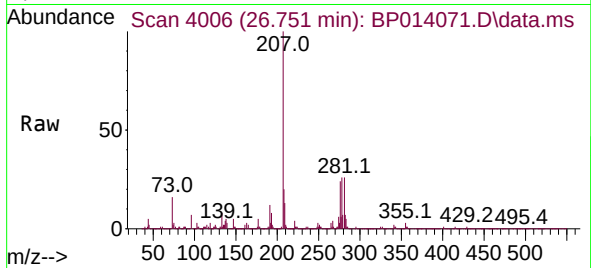
Tgt Ion:	278	Resp:	114738
Ion Ratio	Lower	Upper	
278	100		
139	12.6	8.7	13.1
279	25.3	18.8	28.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#92

Benzo(g,h,i)perylene

Concen: 3.621 ng

RT: 27.562 min Scan# 4144

Delta R.T. -0.006 min

Lab File: BP014071.D

Acq: 13 Mar 2023 19:42

Tgt Ion:	276	Resp:	117754
Ion Ratio	Lower	Upper	
276	100		
277	20.2	19.4	29.0
138	19.1	12.2	18.4

