

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031323\
 Data File : BP014066.D
 Acq On : 13 Mar 2023 16:36
 Operator : CG/JU
 Sample : 01627-08
 Misc : LOQ-WATER-10ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-WATER-02-QT1-2023

Quant Time: Mar 14 04:19:30 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	8.075	152	151280	20.000	ng	0.00
21) Naphthalene-d8	10.904	136	502251	20.000	ng	0.00
39) Acenaphthene-d10	14.716	164	284366	20.000	ng	0.00
64) Phenanthrene-d10	17.468	188	578114	20.000	ng	# 0.00
76) Chrysene-d12	21.551	240	552266	20.000	ng	0.00
86) Perylene-d12	24.086	264	632348	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	893843	95.821	ng	0.00
7) Phenol-d6	7.228	99	1140496	93.123	ng	0.00
23) Nitrobenzene-d5	9.251	82	811384	73.837	ng	0.00
42) 2,4,6-Tribromophenol	16.210	330	389855	84.557	ng	0.00
45) 2-Fluorobiphenyl	13.339	172	1518172	69.168	ng	0.00
79) Terphenyl-d14	20.004	244	2077979	62.044	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.475	88	34998	8.636	ng	95
3) Pyridine	3.893	79	116666m	10.367	ng	
4) n-Nitrosodimethylamine	3.799	42	54515	10.913	ng	# 99
6) Aniline	7.398	93	174539	10.849	ng	99
8) 2-Chlorophenol	7.634	128	110444	11.055	ng	93
9) Benzaldehyde	7.210	77	75189	12.268	ng	98
10) Phenol	7.257	94	143847	11.285	ng	98
11) bis(2-Chloroethyl)ether	7.492	93	113753	11.271	ng	99
12) 1,3-Dichlorobenzene	7.963	146	129801	11.823	ng	97
13) 1,4-Dichlorobenzene	8.110	146	130496	11.749	ng	99
14) 1,2-Dichlorobenzene	8.434	146	125923	11.837	ng	98
15) Benzyl Alcohol	8.322	79	101389	10.154	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.610	45	137766	12.538	ng	96
17) 2-Methylphenol	8.522	107	91775	10.096	ng	97
18) Hexachloroethane	9.169	117	46854	11.229	ng	100
19) n-Nitroso-di-n-propyla...	8.887	70	83526	10.361	ng	95
20) 3+4-Methylphenols	8.851	107	118034	9.641	ng	98
22) Acetophenone	8.910	105	117689	8.354	ng	# 99
24) Nitrobenzene	9.292	77	139675	12.423	ng	96
25) Isophorone	9.822	82	211263	10.434	ng	99
26) 2-Nitrophenol	10.010	139	50988	10.426	ng	97
27) 2,4-Dimethylphenol	10.063	122	92880	11.680	ng	97
28) bis(2-Chloroethoxy)met...	10.298	93	133983	11.433	ng	99
29) 2,4-Dichlorophenol	10.545	162	88866	10.209	ng	96
30) 1,2,4-Trichlorobenzene	10.763	180	110264	11.157	ng	97
31) Naphthalene	10.951	128	307573	11.145	ng	99
32) Benzoic acid	10.151	122	34648	7.663	ng	97
33) 4-Chloroaniline	11.069	127	116489	9.846	ng	98
34) Hexachlorobutadiene	11.228	225	74697	10.396	ng	99
35) Caprolactam	11.845	113	17910	7.188	ng	94
36) 4-Chloro-3-methylphenol	12.175	107	96223	9.911	ng	100
37) 2-Methylnaphthalene	12.551	142	207441	10.188	ng	99
38) 1-Methylnaphthalene	12.769	142	195381	10.295	ng	99
40) 1,2,4,5-Tetrachloroben...	12.916	216	90307	8.332	ng	99
41) Hexachlorocyclopentadiene	12.892	237	77956	11.460	ng	97
43) 2,4,6-Trichlorophenol	13.157	196	69954	10.210	ng	97

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Instrument :
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 LOQ-WATER-02-QT1-2023

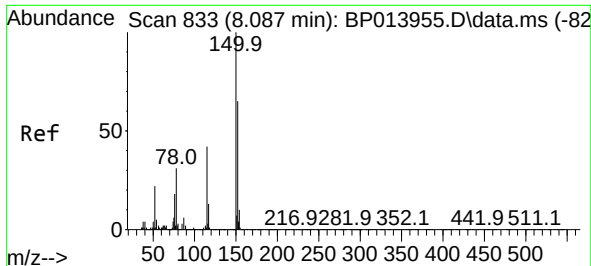
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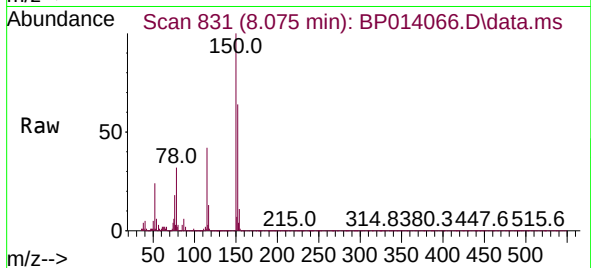
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.227	196	76397	9.623	ng	99
46) 1,1'-Biphenyl	13.551	154	192607	8.415	ng	96
47) 2-Chloronaphthalene	13.598	162	209033	11.863	ng	99
48) 2-Nitroaniline	13.804	65	52606	9.837	ng	96
49) Acenaphthylene	14.439	152	306870	10.951	ng	99
50) Dimethylphthalate	14.169	163	241195	10.281	ng	99
51) 2,6-Dinitrotoluene	14.292	165	49265	9.972	ng	97
52) Acenaphthene	14.780	154	184836	10.958	ng	99
53) 3-Nitroaniline	14.627	138	45009	9.296	ng	99
54) 2,4-Dinitrophenol	14.833	184	25671	9.817	ng	93
55) Dibenzofuran	15.110	168	320276	11.647	ng	98
56) 4-Nitrophenol	14.927	139	42577m	10.799	ng	
57) 2,4-Dinitrotoluene	15.080	165	65042	9.849	ng	98
58) Fluorene	15.763	166	244486	11.197	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.339	232	69810	10.079	ng	97
60) Diethylphthalate	15.521	149	241298	10.417	ng	99
61) 4-Chlorophenyl-phenyle...	15.751	204	131148	10.595	ng	97
62) 4-Nitroaniline	15.786	138	44371	9.204	ng	90
63) Azobenzene	16.045	77	230378	10.749	ng	96
65) 4,6-Dinitro-2-methylph...	15.839	198	40316	9.415	ng	92
66) n-Nitrosodiphenylamine	15.969	169	197200	10.795	ng	98
67) 4-Bromophenyl-phenylether	16.651	248	79261	10.365	ng	94
68) Hexachlorobenzene	16.768	284	92546	11.291	ng	99
69) Atrazine	16.916	200	48729	7.598	ng	95
70) Pentachlorophenol	17.116	266	55348	9.363	ng	98
71) Phenanthrene	17.515	178	364515	11.287	ng	99
72) Anthracene	17.604	178	358432	10.862	ng	100
73) Carbazole	17.874	167	307885	10.816	ng	100
74) Di-n-butylphthalate	18.404	149	343521	9.652	ng	100
75) Fluoranthene	19.468	202	402136	10.417	ng	98
77) Benzidine	19.645	184	123982	12.172	ng	99
78) Pyrene	19.821	202	425251	10.032	ng	99
80) Butylbenzylphthalate	20.674	149	141157	8.784	ng	98
81) Benzo(a)anthracene	21.533	228	431006	10.636	ng	99
82) 3,3'-Dichlorobenzidine	21.456	252	105127	8.108	ng	# 97
83) Chrysene	21.586	228	421452	10.983	ng	99
84) Bis(2-ethylhexyl)phtha...	21.427	149	210121	8.913	ng	98
85) Di-n-octyl phthalate	22.398	149	351094	9.174	ng	98
87) Indeno(1,2,3-cd)pyrene	26.750	276	556094	11.381	ng	97
88) Benzo(b)fluoranthene	23.303	252	440975	10.650	ng	99
89) Benzo(k)fluoranthene	23.356	252	453463	11.046	ng	99
90) Benzo(a)pyrene	23.974	252	388222	9.830	ng	99
91) Dibenzo(a,h)anthracene	26.768	278	464294	11.430	ng	98
92) Benzo(g,h,i)perylene	27.568	276	460612	11.442	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.075 min Scan# 833
Delta R.T. -0.000 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

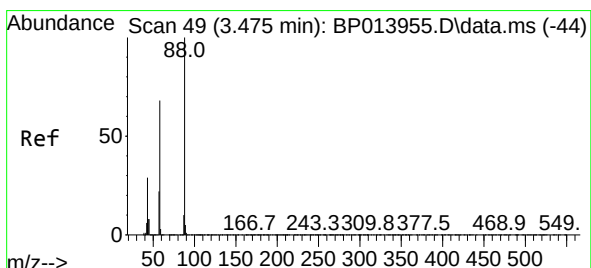
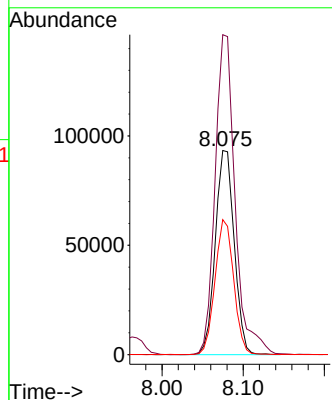
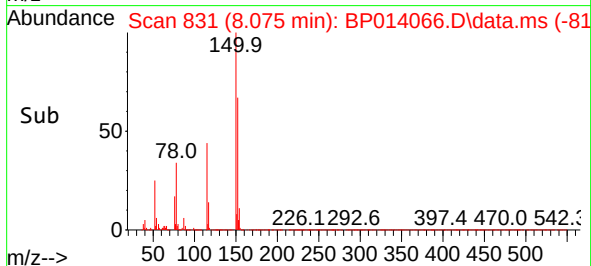
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 152 Resp: 151280
Ion Ratio Lower Upper
152 100
150 156.8 122.3 183.5
115 66.1 51.6 77.4

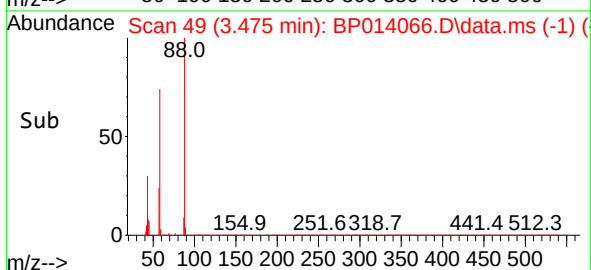
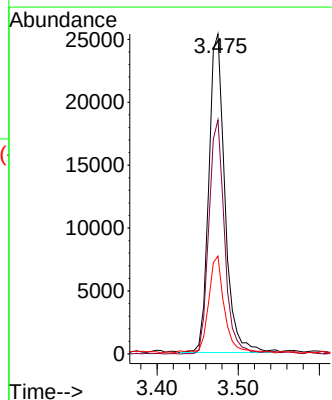
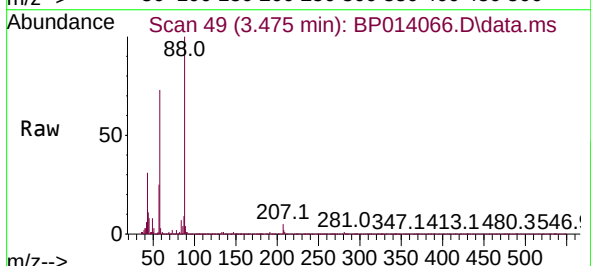
Manual Integrations
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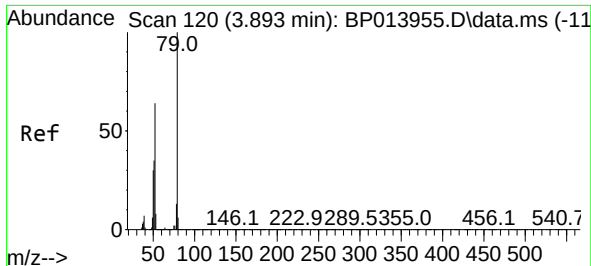
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#2
1,4-Dioxane
Concen: 8.636 ng
RT: 3.475 min Scan# 49
Delta R.T. 0.006 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

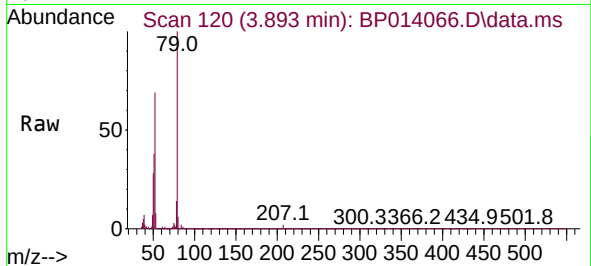
Tgt Ion: 88 Resp: 34998
Ion Ratio Lower Upper
88 100
58 71.2 53.8 80.8
43 30.4 22.1 33.1





#3
Pyridine
Concen: 10.367 ng m
RT: 3.893 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

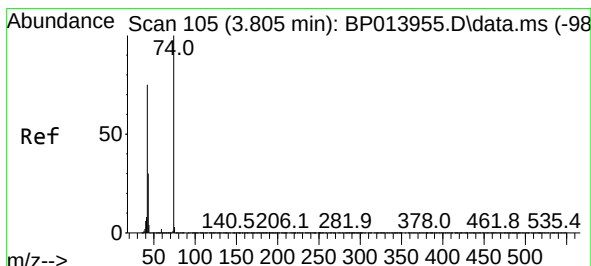
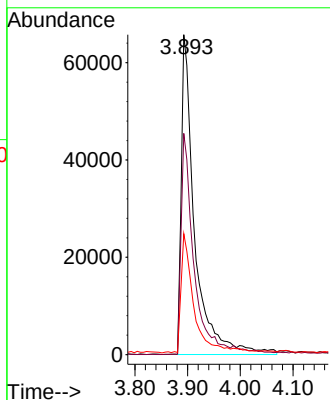
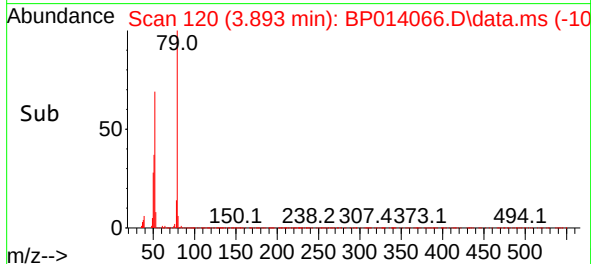
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2023



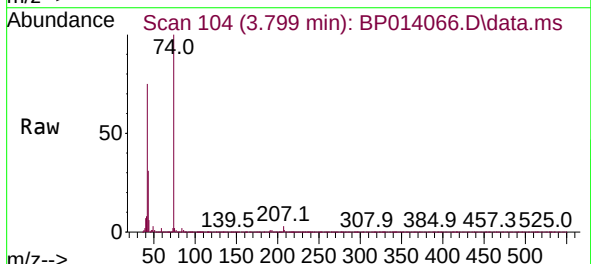
Tgt Ion: 79 Resp: 11666
Ion Ratio Lower Upper
79 100
52 69.1 51.0 76.4
51 37.8 28.2 42.2

Manual Integrations
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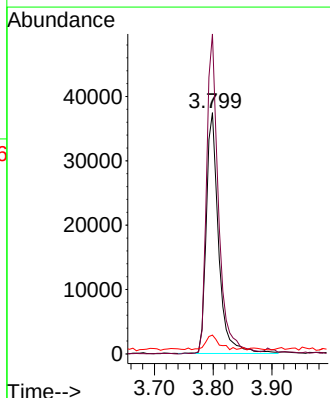
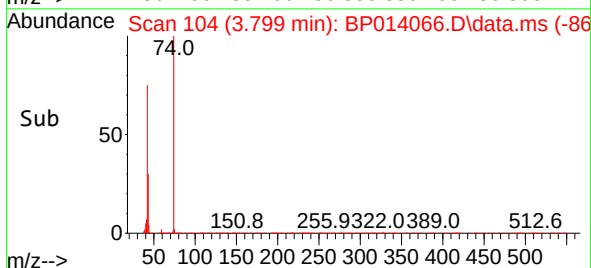
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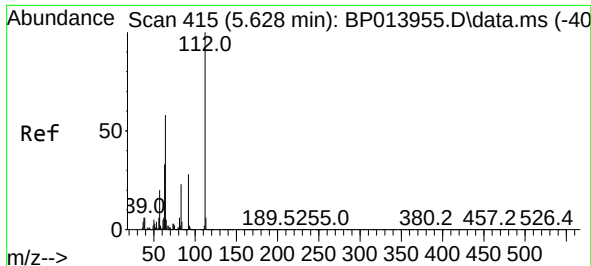


#4
n-Nitrosodimethylamine
Concen: 10.913 ng
RT: 3.799 min Scan# 104
Delta R.T. 0.006 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36



Tgt Ion: 42 Resp: 54515
Ion Ratio Lower Upper
42 100
74 132.7 107.0 160.6
44 7.8 4.5 6.7#





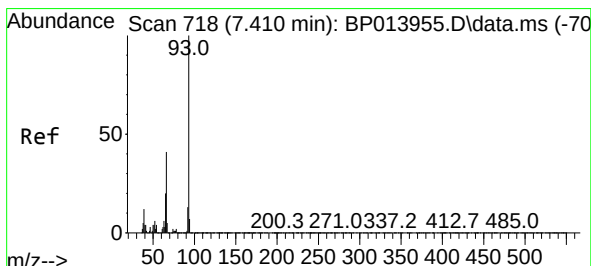
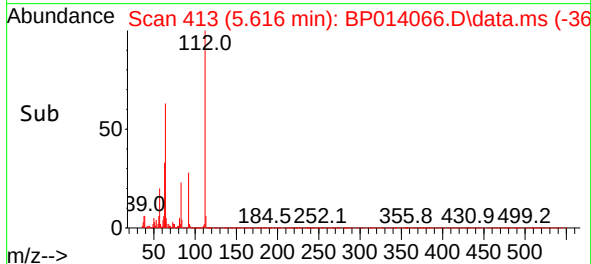
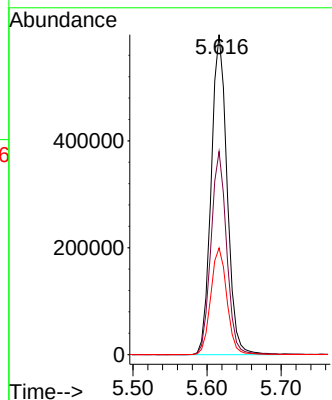
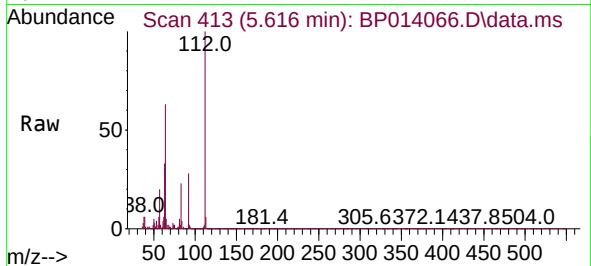
#5
2-Fluorophenol
Concen: 95.821 ng
RT: 5.616 min Scan# 411
Delta R.T. -0.000 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:112 Resp: 893843
Ion Ratio Lower Upper
112 100
64 63.5 46.7 70.1
63 33.3 26.6 40.0

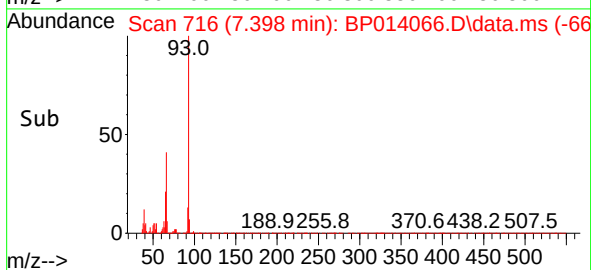
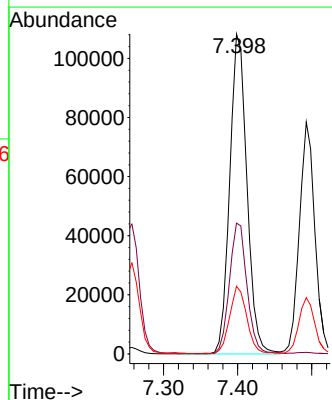
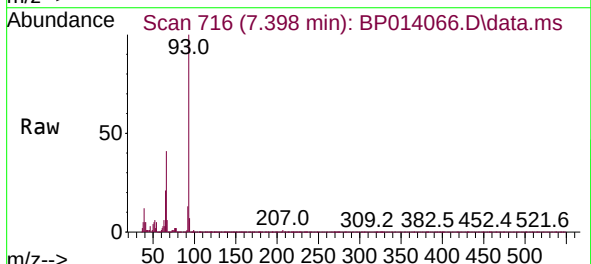
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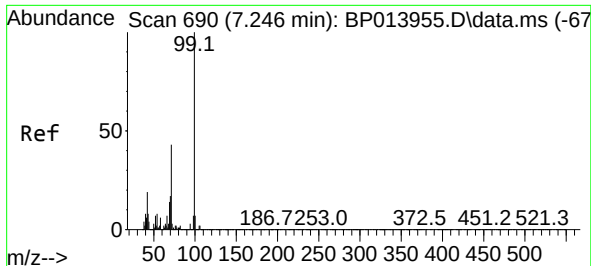
Reviewed By :Christian Giraldo 03/14/2023
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#6
Aniline
Concen: 10.849 ng
RT: 7.398 min Scan# 716
Delta R.T. -0.000 min
Lab File: BP014066.D
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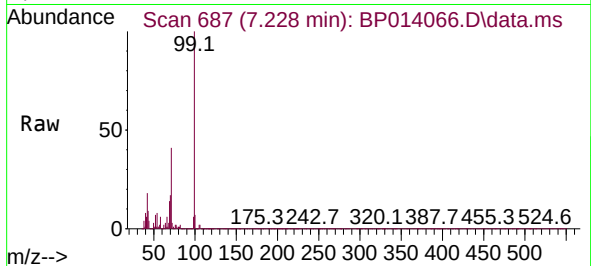
Tgt Ion: 93 Resp: 174539
Ion Ratio Lower Upper
93 100
66 40.9 32.6 48.8
65 21.1 16.0 24.0





#7
Phenol-d6
Concen: 93.123 ng
RT: 7.228 min Scan# 687
Delta R.T. -0.000 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

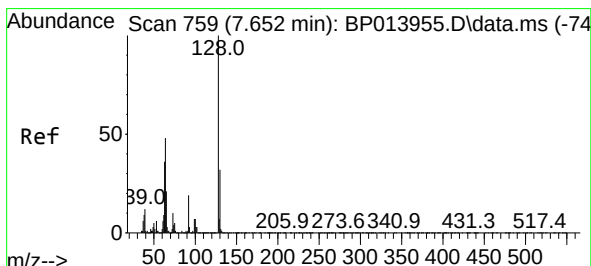
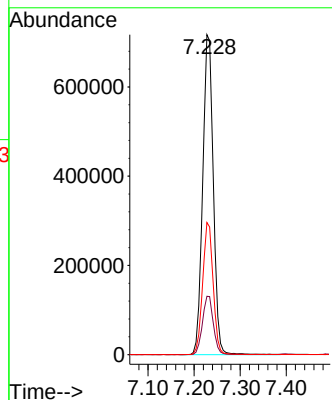
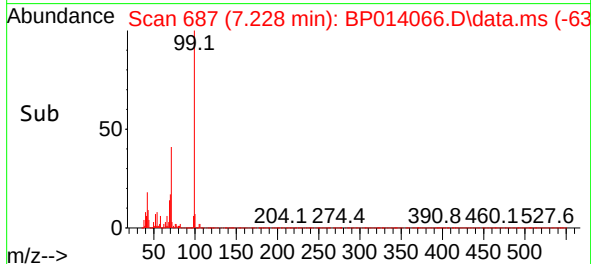
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 99 Resp: 1140496
Ion Ratio Lower Upper
99 100
42 18.2 15.0 22.6
71 41.3 34.3 51.5

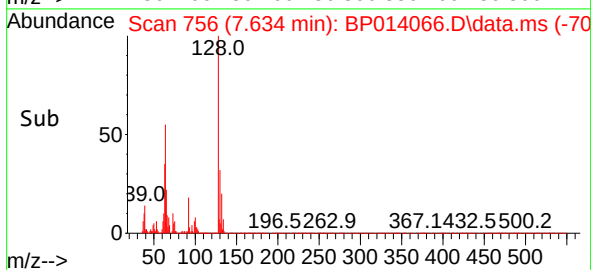
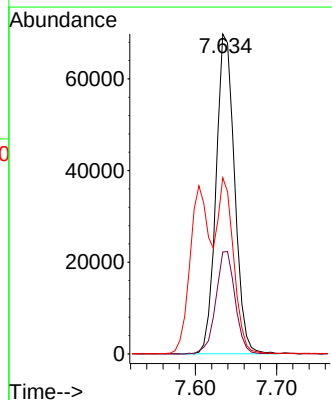
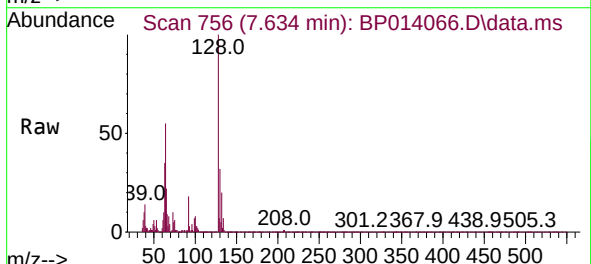
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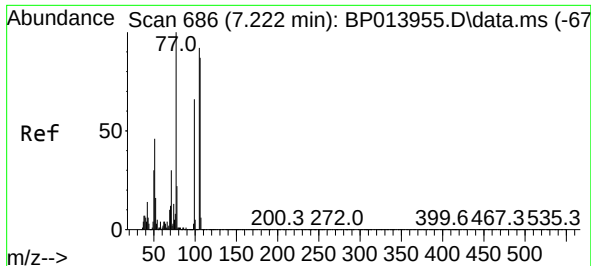
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#8
2-Chlorophenol
Concen: 11.055 ng
RT: 7.634 min Scan# 756
Delta R.T. -0.000 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

Tgt Ion:128 Resp: 110444
Ion Ratio Lower Upper
128 100
130 31.8 12.3 52.3
64 55.0 27.6 67.6





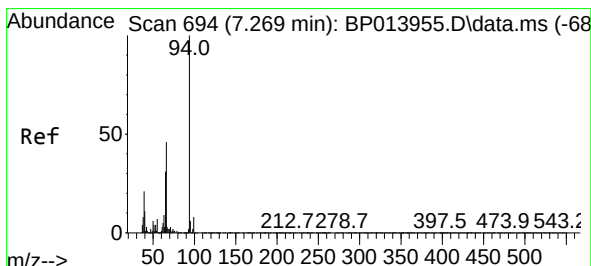
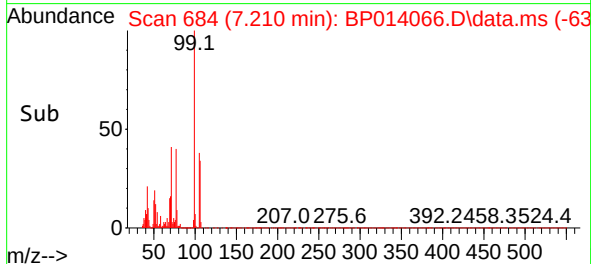
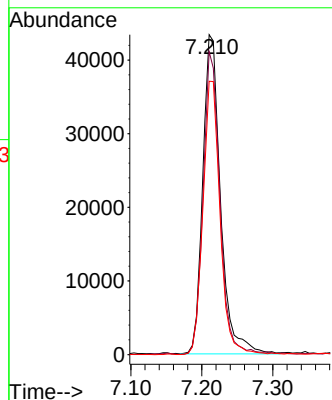
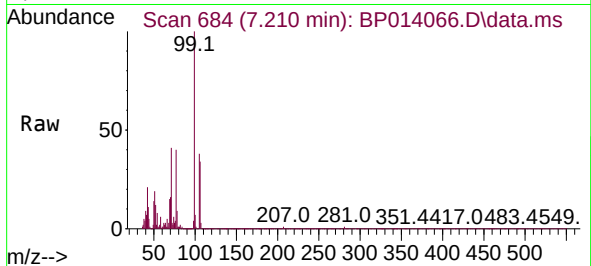
#9
Benzaldehyde
Concen: 12.268 ng
RT: 7.210 min Scan# 681
Delta R.T. -0.000 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion: 77 Resp: 75189
Ion Ratio Lower Upper
77 100
105 94.7 72.4 112.4
106 85.4 66.9 106.9

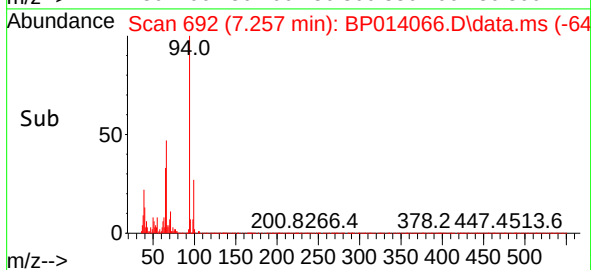
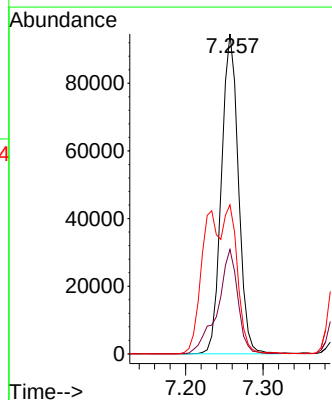
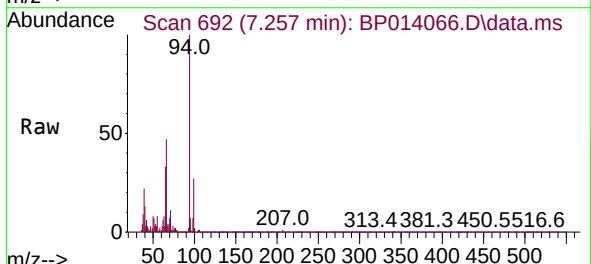
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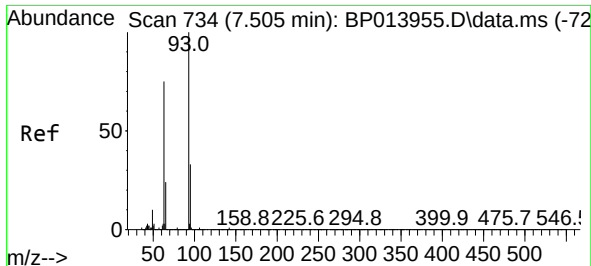
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#10
Phenol
Concen: 11.285 ng
RT: 7.257 min Scan# 692
Delta R.T. -0.000 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

Tgt Ion: 94 Resp: 143847
Ion Ratio Lower Upper
94 100
65 32.6 10.9 50.9
66 46.6 26.1 66.1





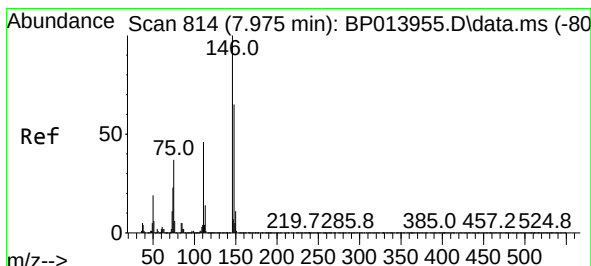
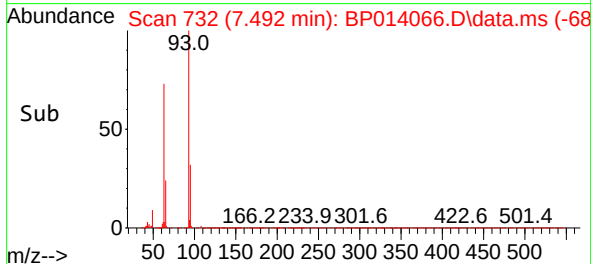
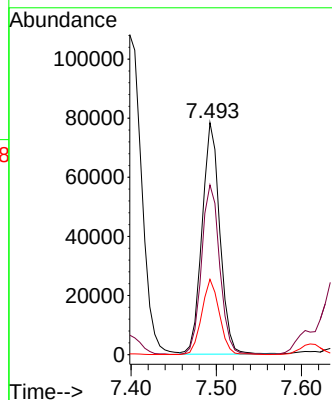
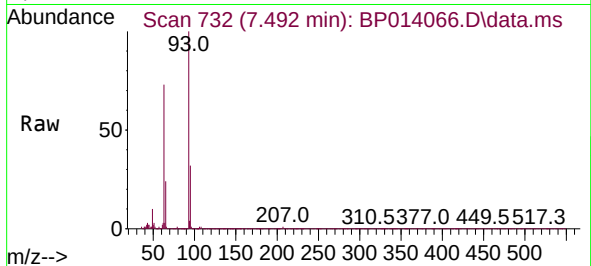
#11
bis(2-Chloroethyl)ether
Concen: 11.271 ng
RT: 7.492 min Scan# 734
Delta R.T. -0.000 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion: 93 Resp: 113753
Ion Ratio Lower Upper
93 100
63 73.2 54.2 94.2
95 32.5 12.7 52.7

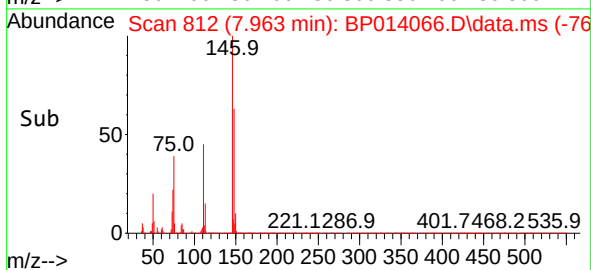
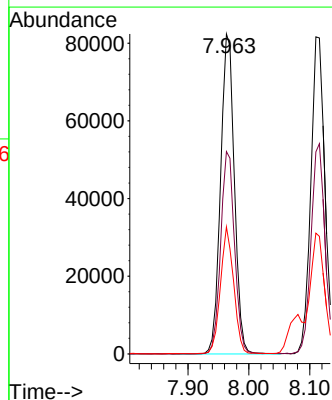
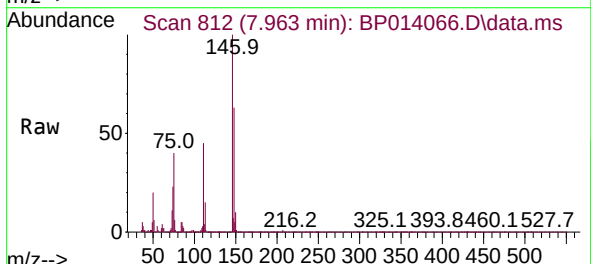
Manual Integrations
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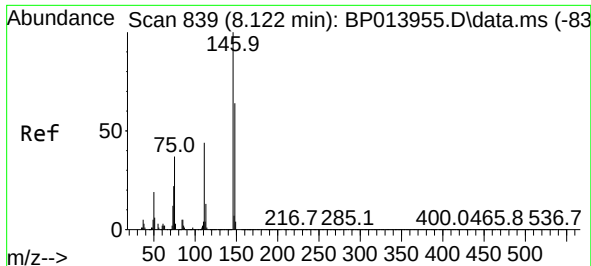
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#12
1,3-Dichlorobenzene
Concen: 11.823 ng
RT: 7.963 min Scan# 812
Delta R.T. -0.000 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

Tgt Ion:146 Resp: 129801
Ion Ratio Lower Upper
146 100
148 63.2 52.1 78.1
75 39.7 29.4 44.0





#13

1,4-Dichlorobenzene

Concen: 11.749 ng

RT: 8.110 min Scan# 839

Delta R.T. -0.000 min

Lab File: BP014066.D

Acq: 13 Mar 2023 16:36

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion:146 Resp: 130496

Ion Ratio Lower Upper

146 100

148 63.7 51.4 77.2

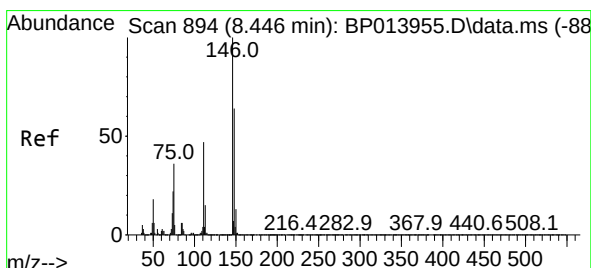
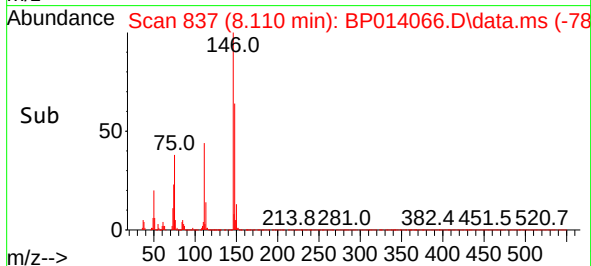
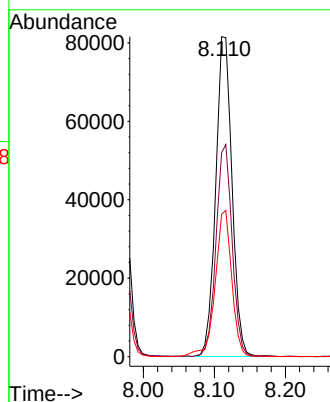
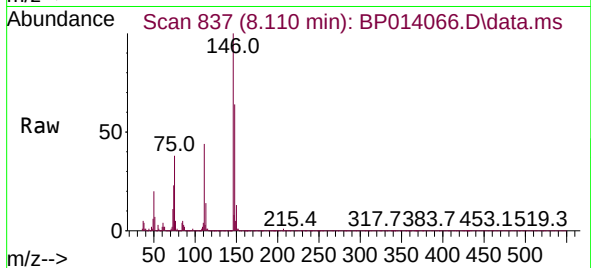
111 44.5 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#14

1,2-Dichlorobenzene

Concen: 11.837 ng

RT: 8.434 min Scan# 892

Delta R.T. -0.000 min

Lab File: BP014066.D

Acq: 13 Mar 2023 16:36

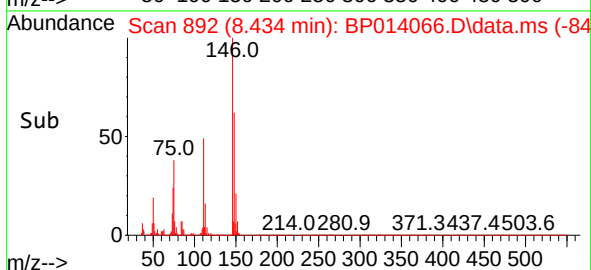
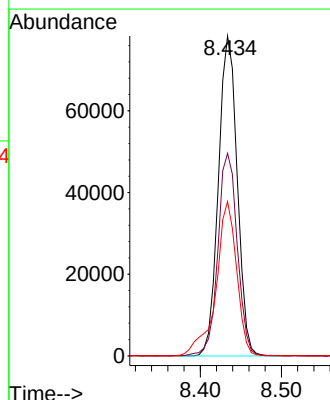
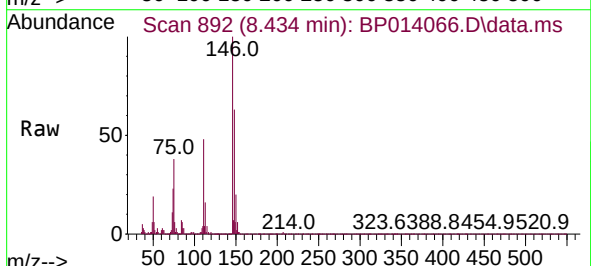
Tgt Ion:146 Resp: 125923

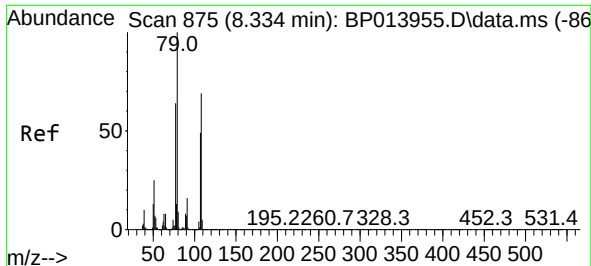
Ion Ratio Lower Upper

146 100

148 63.3 51.4 77.0

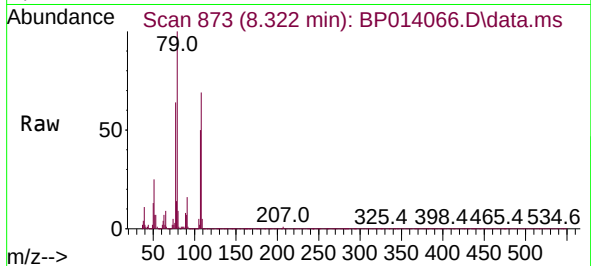
111 48.2 37.2 55.8





#15
Benzyl Alcohol
Concen: 10.154 ng
RT: 8.322 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

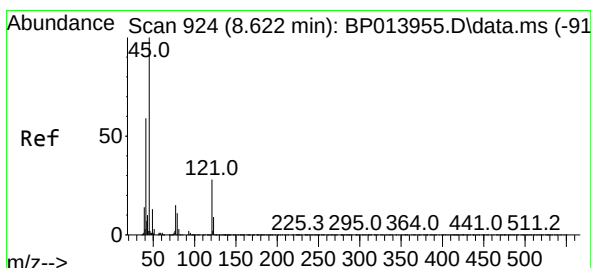
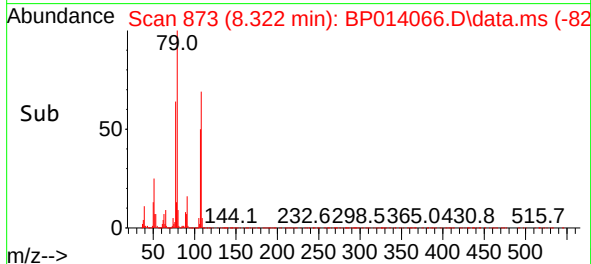
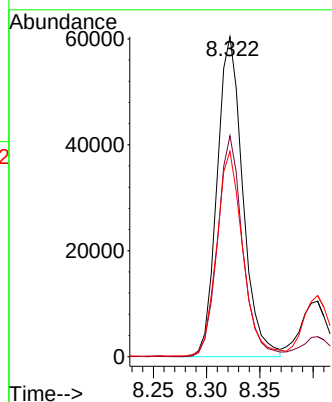
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 79 Resp: 101389
Ion Ratio Lower Upper
79 100
108 69.0 54.9 82.3
77 64.2 51.4 77.0

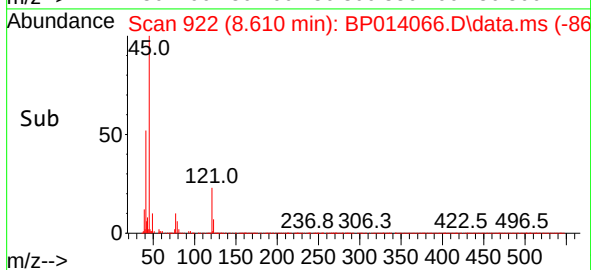
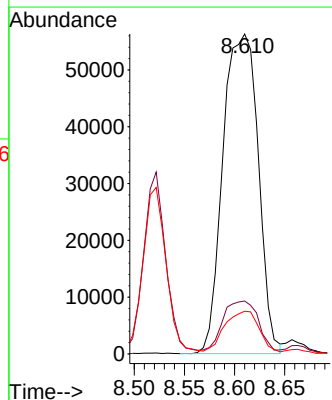
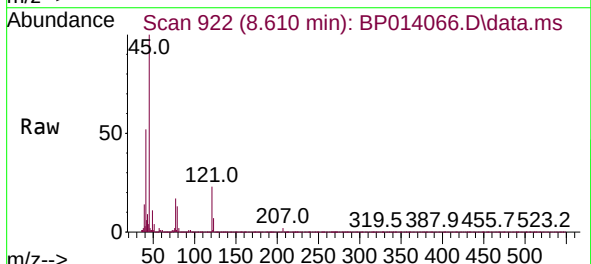
Manual Integrations
APPROVED

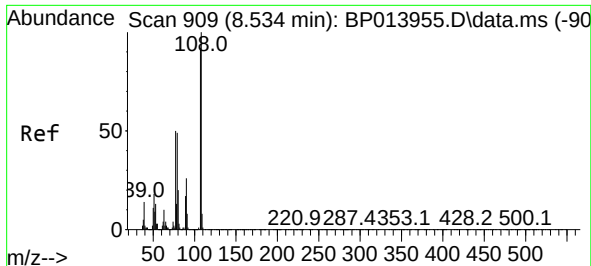
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 12.538 ng
RT: 8.610 min Scan# 922
Delta R.T. 0.012 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

Tgt Ion: 45 Resp: 137766
Ion Ratio Lower Upper
45 100
77 16.5 0.0 38.7
79 13.3 0.0 34.4





#17

2-Methylphenol

Concen: 10.096 ng

RT: 8.522 min Scan# 90

Delta R.T. 0.006 min

Lab File: BP014066.D

Acq: 13 Mar 2023 16:36

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT1-2023

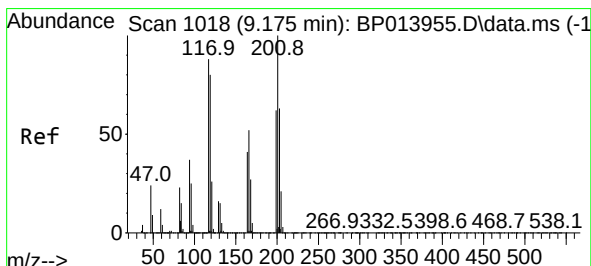
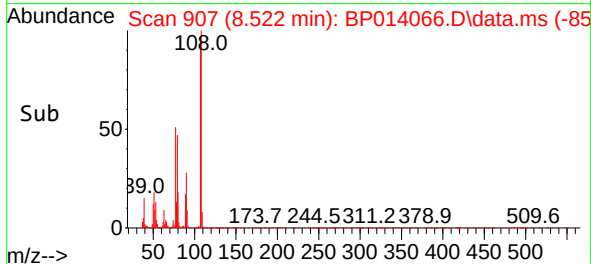
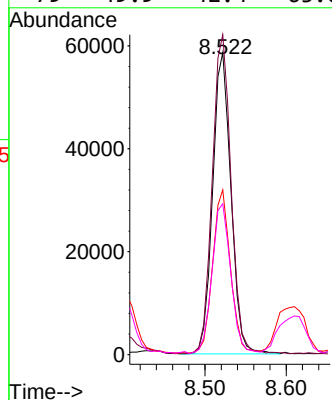
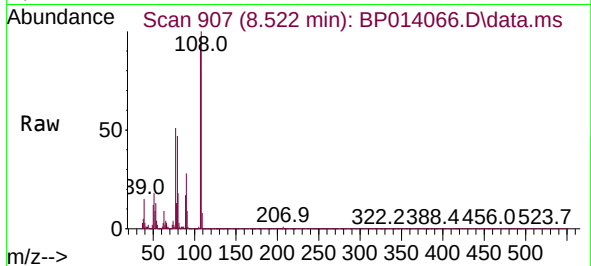
Tgt Ion:	107	Resp:	91775
Ion Ratio	Lower	Upper	
107	100		
108	106.0	87.0	130.4
77	54.6	44.0	66.0
79	49.9	42.4	63.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#18

Hexachloroethane

Concen: 11.229 ng

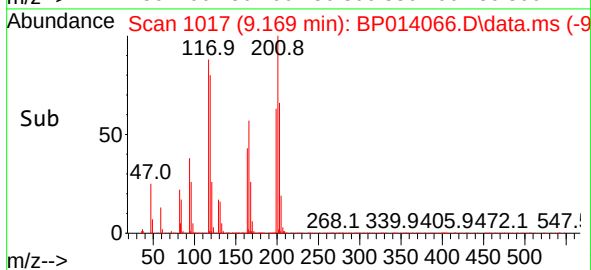
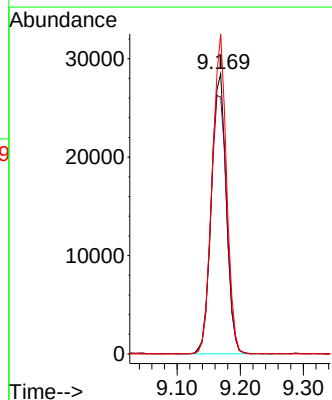
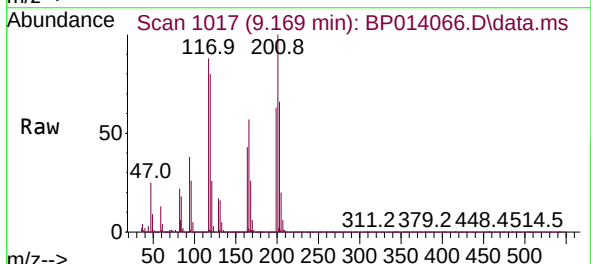
RT: 9.169 min Scan# 1017

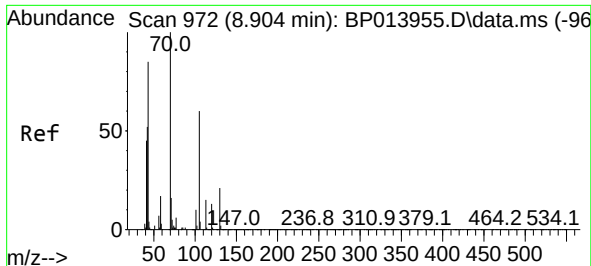
Delta R.T. 0.006 min

Lab File: BP014066.D

Acq: 13 Mar 2023 16:36

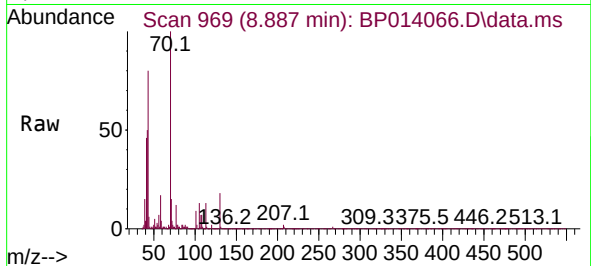
Tgt Ion:	117	Resp:	46854
Ion Ratio	Lower	Upper	
117	100		
119	91.7	73.3	109.9
201	114.2	91.1	136.7





#19
n-Nitroso-di-n-propylamine
Concen: 10.361 ng
RT: 8.887 min Scan# 90
Delta R.T. -0.006 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

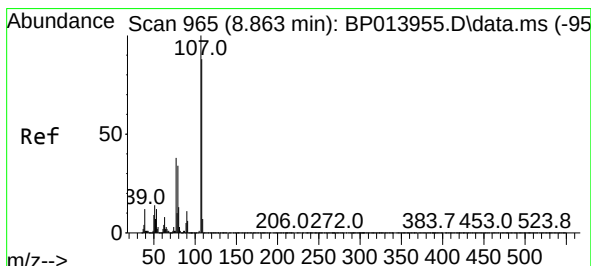
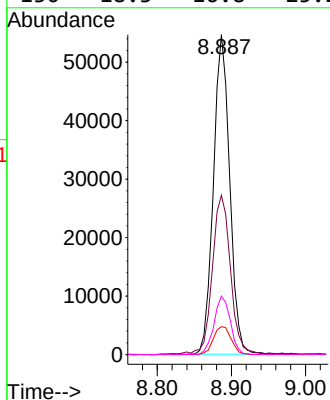
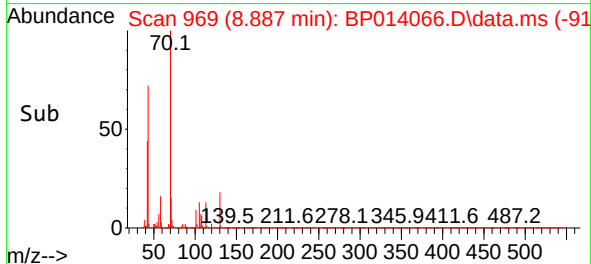
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 70 Resp: 83526
Ion Ratio Lower Upper
70 100
42 49.8 42.4 63.6
101 8.7 8.2 12.4
130 18.3 16.8 25.2

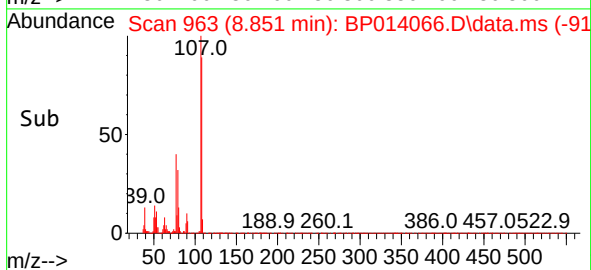
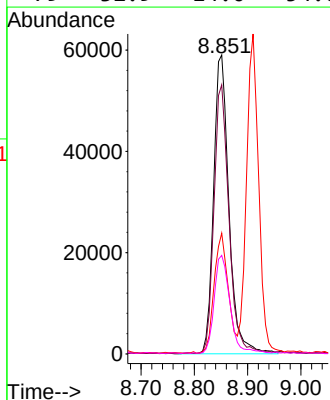
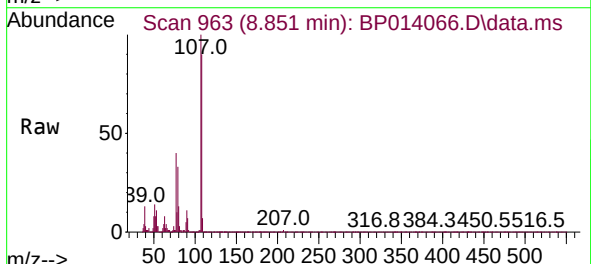
Manual Integrations
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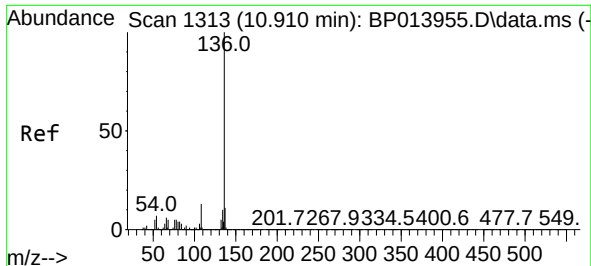
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#20
3+4-Methylphenols
Concen: 9.641 ng
RT: 8.851 min Scan# 963
Delta R.T. -0.000 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

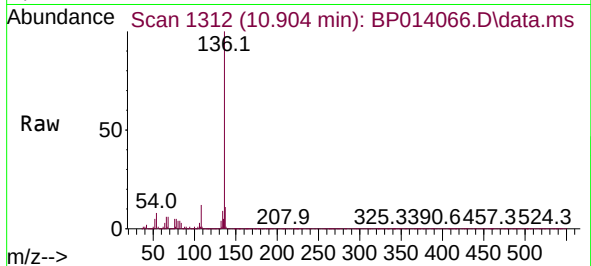
Tgt Ion:107 Resp: 118034
Ion Ratio Lower Upper
107 100
108 90.0 68.2 108.2
77 40.4 18.1 58.1
79 32.9 14.0 54.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.904 min Scan# 1313
Delta R.T. 0.006 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

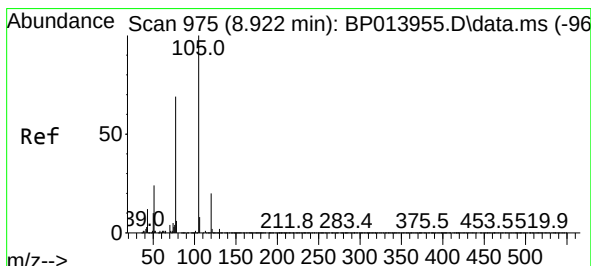
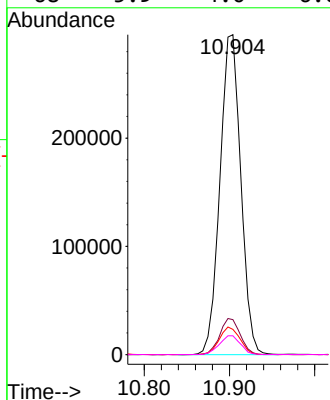
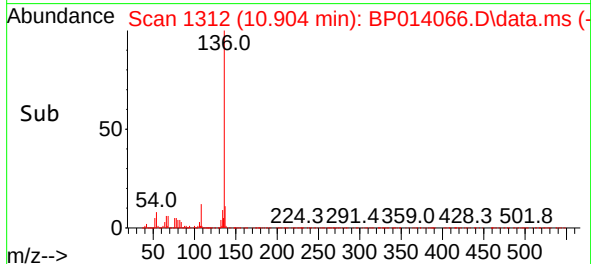
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:136 Resp: 502251
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.9 5.8 8.8
68 5.9 4.0 6.0

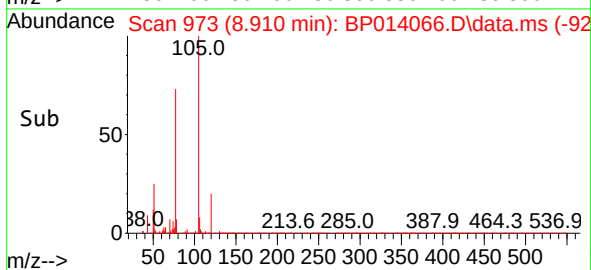
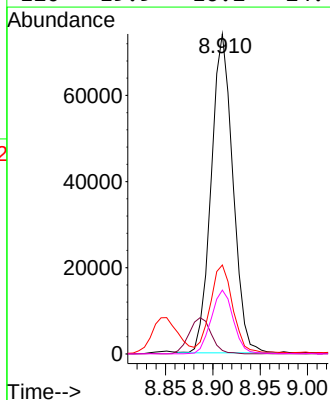
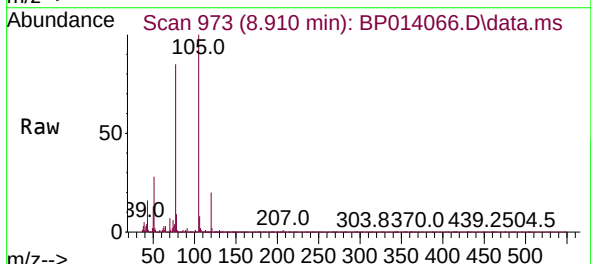
Manual Integrations
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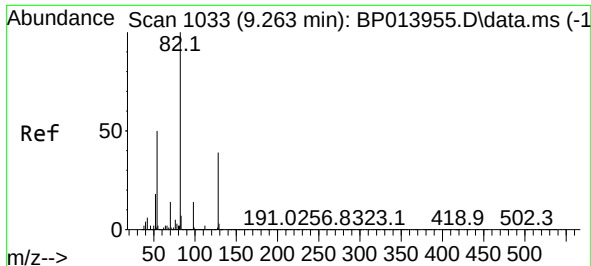
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#22
Acetophenone
Concen: 8.354 ng
RT: 8.910 min Scan# 973
Delta R.T. -0.000 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

Tgt Ion:105 Resp: 117689
Ion Ratio Lower Upper
105 100
71 1.1 1.4 2.0#
51 27.8 21.5 32.3
120 19.9 16.2 24.4





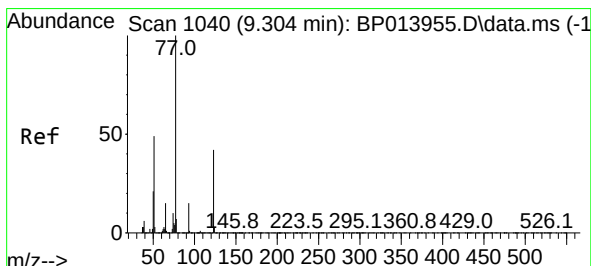
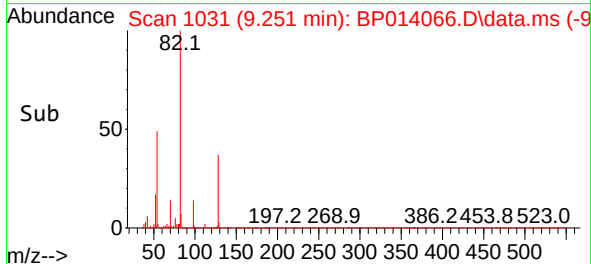
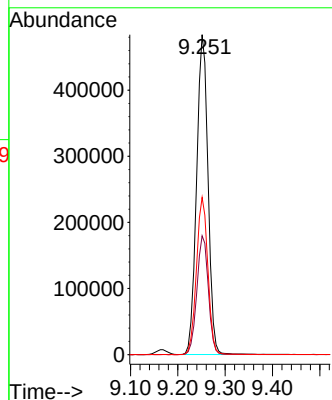
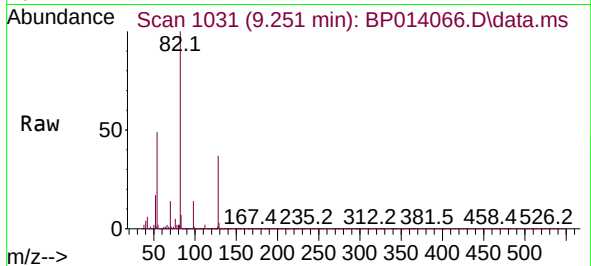
#23
Nitrobenzene-d5
Concen: 73.837 ng
RT: 9.251 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion: 82 Resp: 811384
Ion Ratio Lower Upper
82 100
128 37.1 31.1 46.7
54 49.1 40.0 60.0

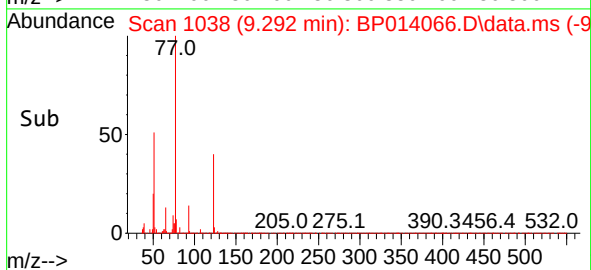
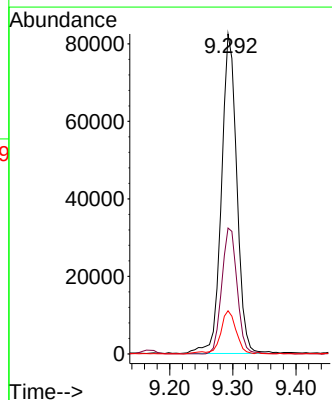
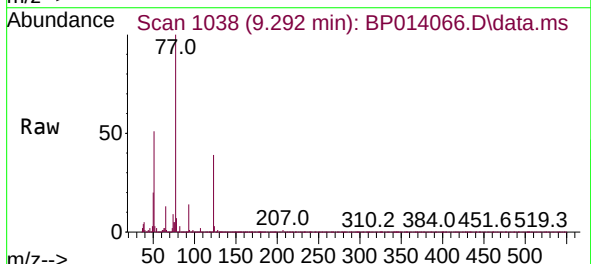
Manual Integrations
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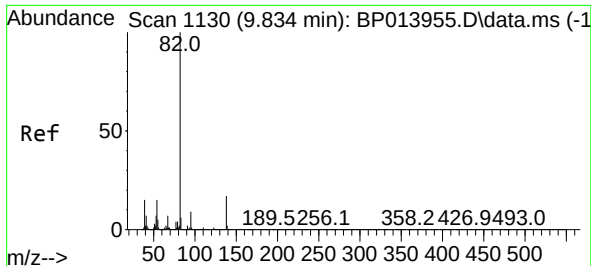
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#24
Nitrobenzene
Concen: 12.423 ng
RT: 9.292 min Scan# 1038
Delta R.T. -0.000 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

Tgt Ion: 77 Resp: 139675
Ion Ratio Lower Upper
77 100
123 39.3 33.6 50.4
65 13.5 11.6 17.4





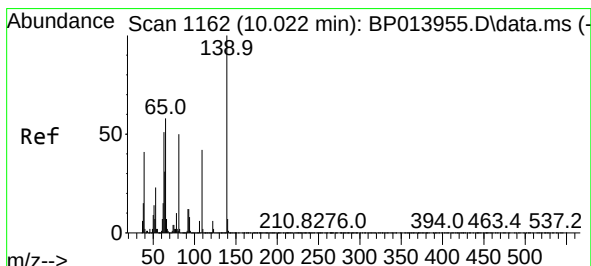
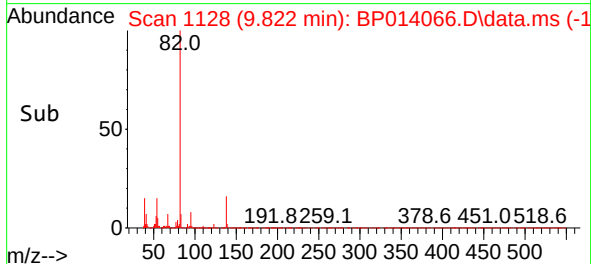
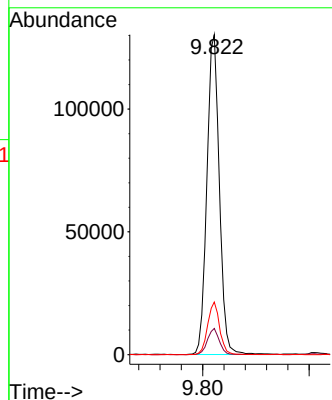
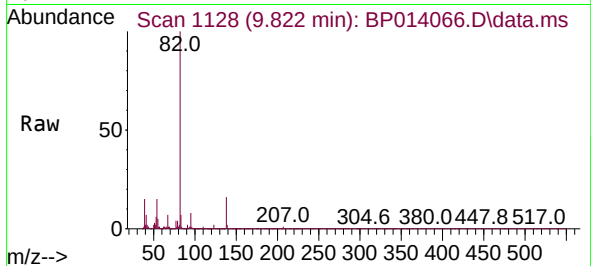
#25
Isophorone
Concen: 10.434 ng
RT: 9.822 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:	82	Resp:	211263
Ion Ratio	Lower	Upper	
82	100		
95	8.2	6.9	10.3
138	16.4	13.3	19.9

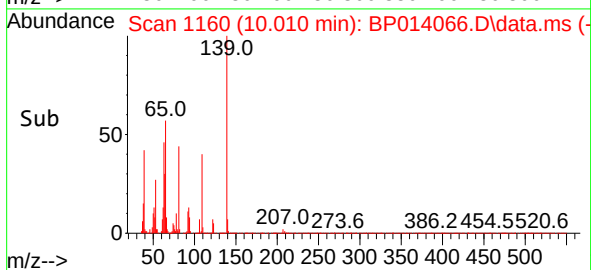
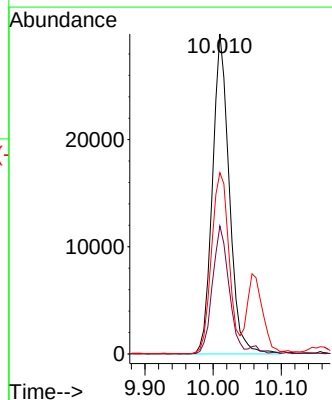
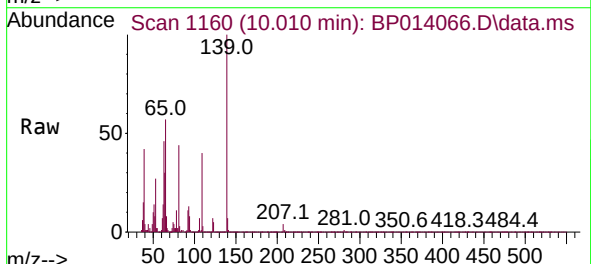
Manual Integrations
APPROVED

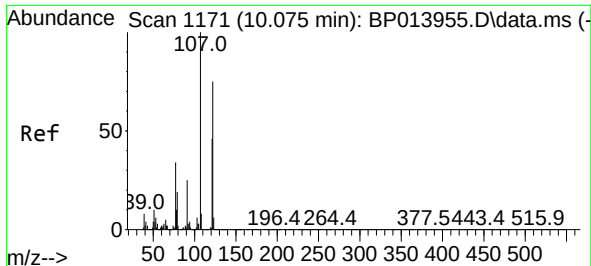
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#26
2-Nitrophenol
Concen: 10.426 ng
RT: 10.010 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

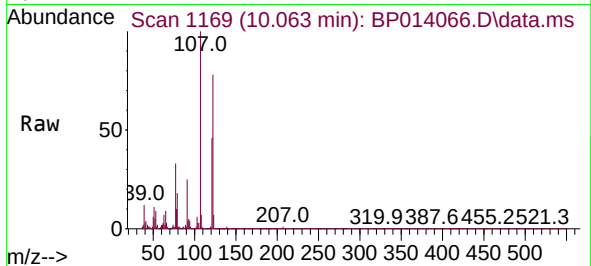
Tgt Ion:	139	Resp:	50988
Ion Ratio	Lower	Upper	
139	100		
109	40.0	33.8	50.8
65	56.6	46.6	70.0





#27
2,4-Dimethylphenol
Concen: 11.680 ng
RT: 10.063 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

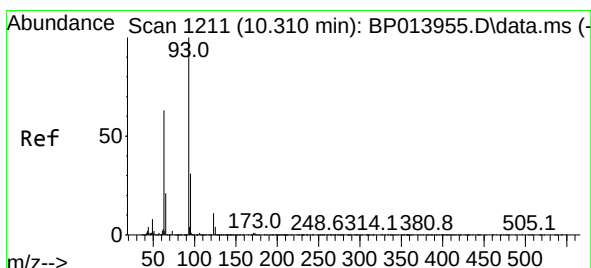
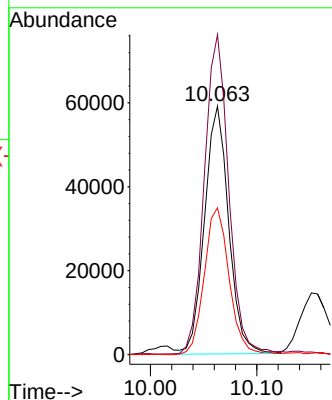
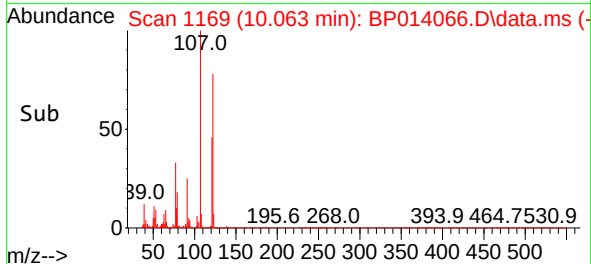
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2023



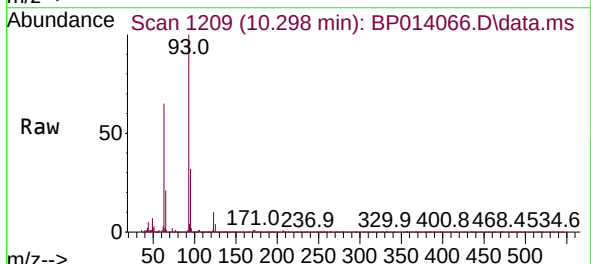
Tgt Ion:122 Resp: 92880
Ion Ratio Lower Upper
122 100
107 128.8 105.9 158.9
121 59.1 49.0 73.4

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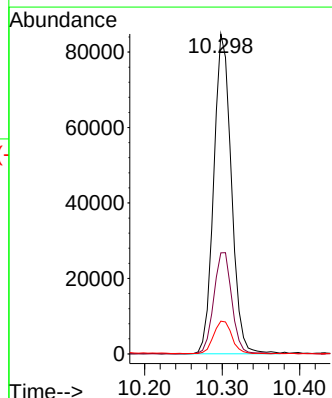
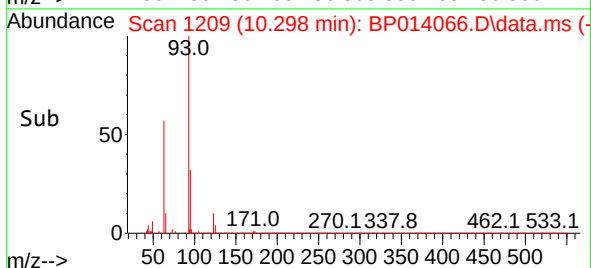
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

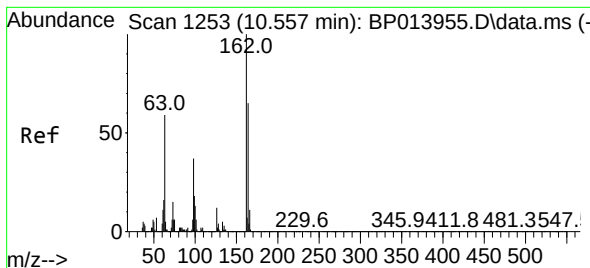


#28
bis(2-Chloroethoxy)methane
Concen: 11.433 ng
RT: 10.298 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36



Tgt Ion: 93 Resp: 133983
Ion Ratio Lower Upper
93 100
95 31.6 25.0 37.6
123 10.2 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 10.209 ng

RT: 10.545 min Scan# 1251

Delta R.T. -0.000 min

Lab File: BP014066.D

Acq: 13 Mar 2023 16:36

Instrument :

BNA_P

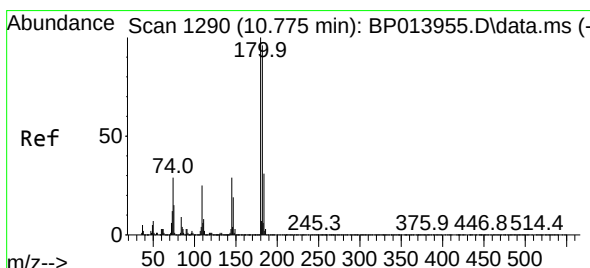
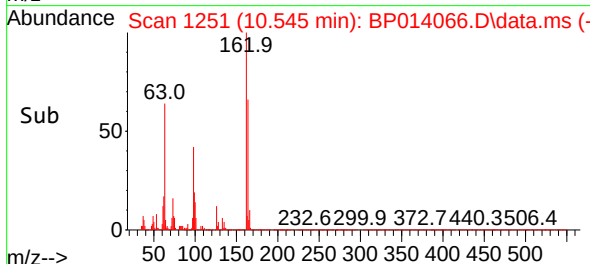
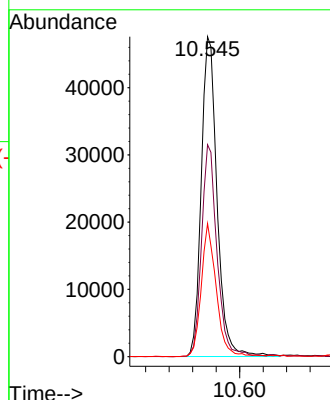
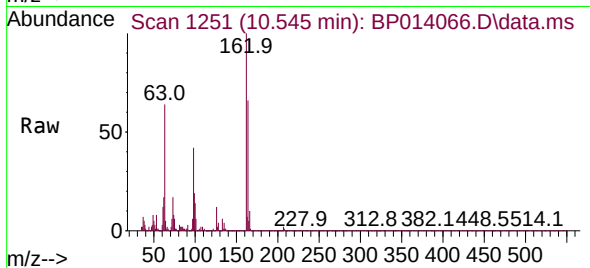
ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion:	162	Resp:	88866
Ion Ratio	Lower	Upper	
162	100		
164	66.2	44.7	84.7
98	41.6	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: 11.157 ng

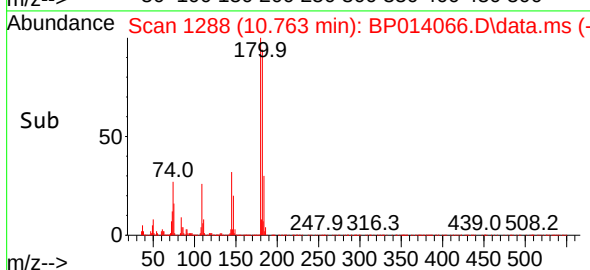
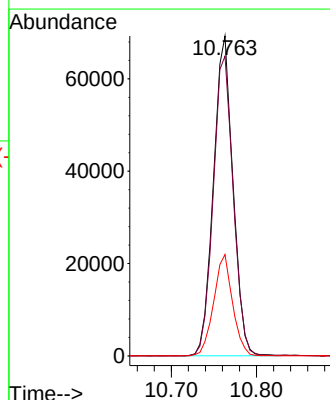
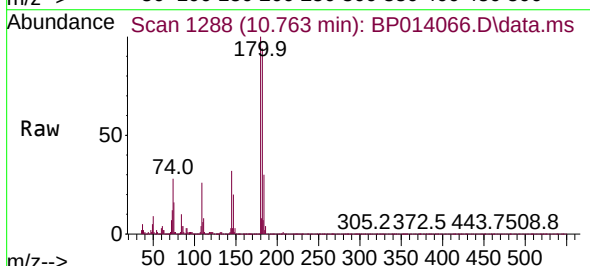
RT: 10.763 min Scan# 1288

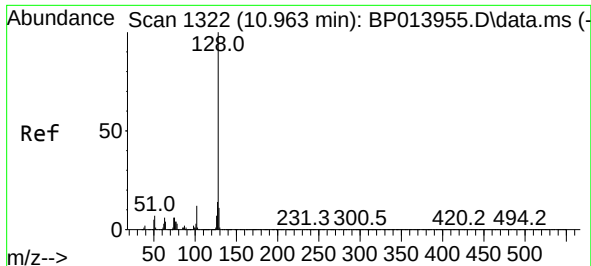
Delta R.T. 0.006 min

Lab File: BP014066.D

Acq: 13 Mar 2023 16:36

Tgt Ion:	180	Resp:	110264
Ion Ratio	Lower	Upper	
180	100		
182	93.7	76.6	114.8
145	31.7	23.5	35.3





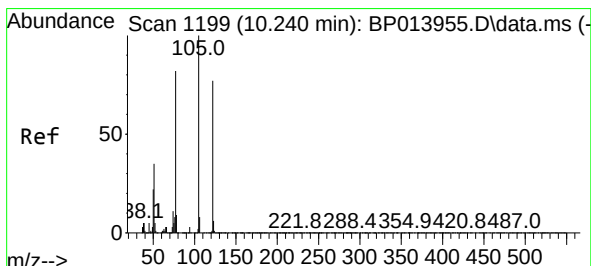
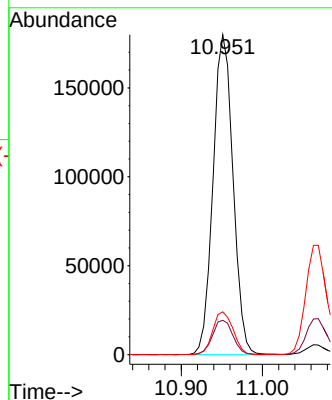
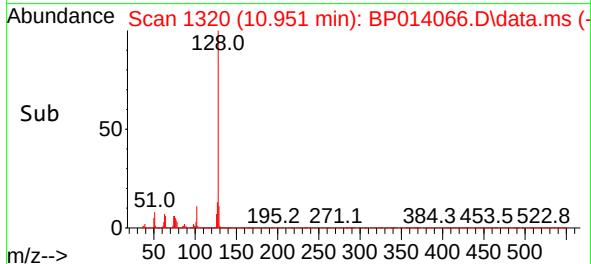
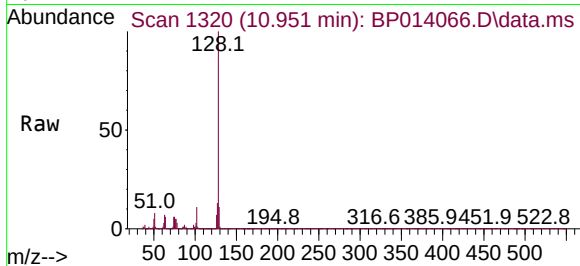
#31
Naphthalene
Concen: 11.145 ng
RT: 10.951 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:128 Resp: 307573
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.4 11.2 16.8

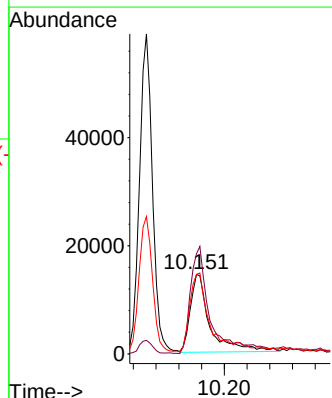
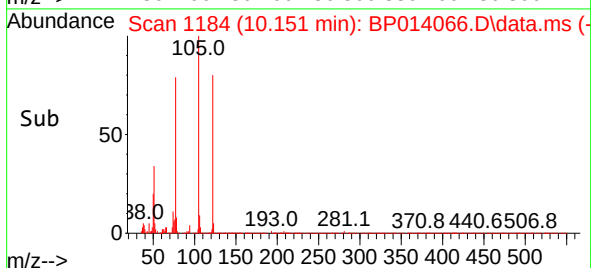
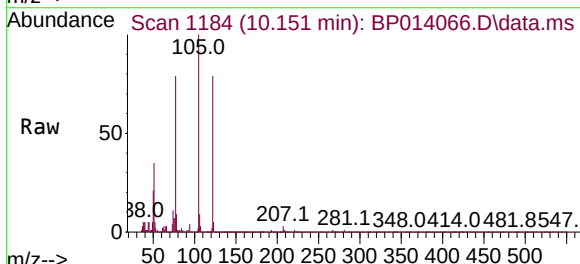
Manual Integrations
APPROVED

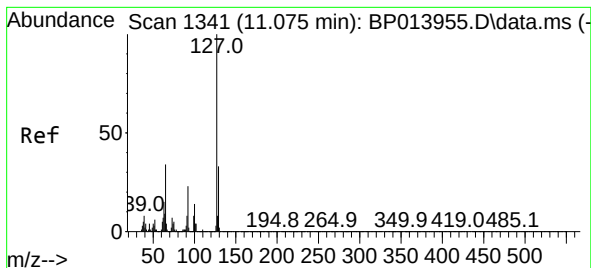
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#32
Benzoic acid
Concen: 7.663 ng
RT: 10.151 min Scan# 1184
Delta R.T. -0.059 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

Tgt Ion:122 Resp: 34648
Ion Ratio Lower Upper
122 100
105 126.0 108.2 148.2
77 100.1 85.2 125.2





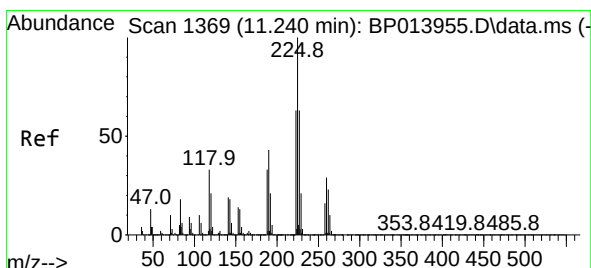
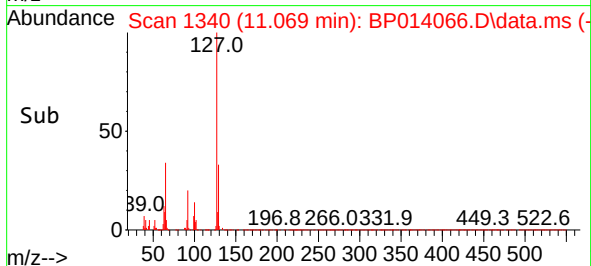
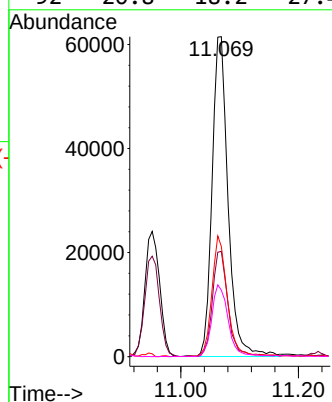
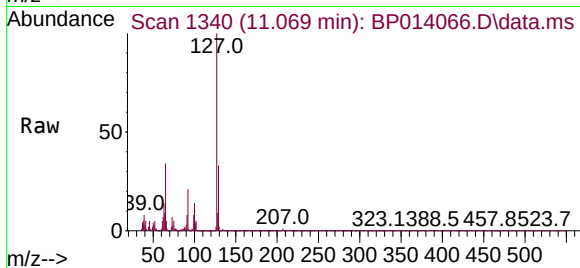
#33
4-Chloroaniline
Concen: 9.846 ng
RT: 11.069 min Scan# 1341
Delta R.T. 0.012 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.2
65	34.4	27.0	40.4
92	20.8	18.2	27.4

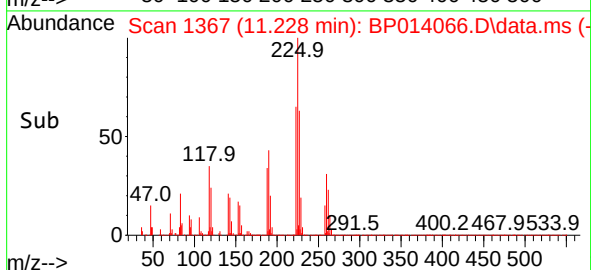
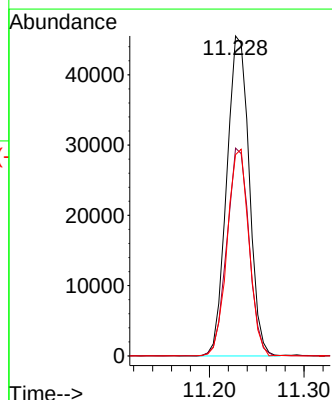
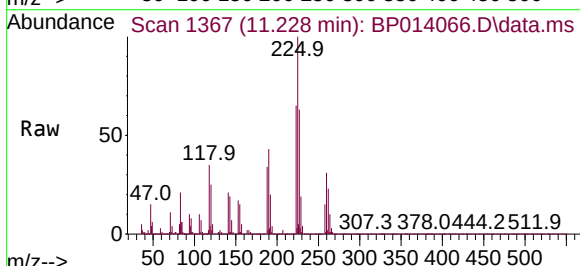
Manual Integrations
APPROVED

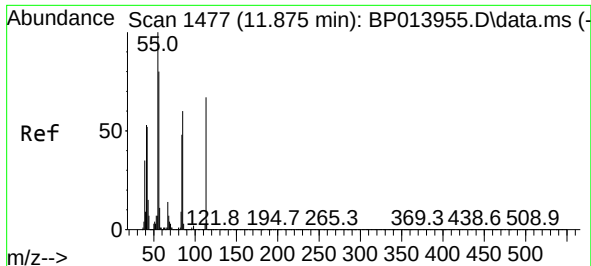
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#34
Hexachlorobutadiene
Concen: 10.396 ng
RT: 11.228 min Scan# 1367
Delta R.T. -0.000 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

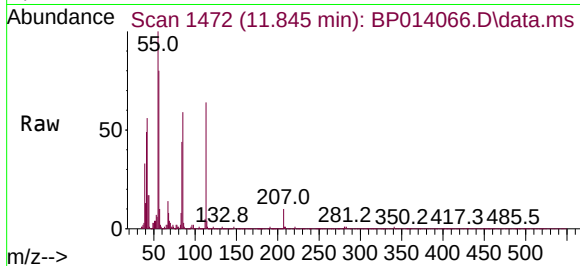
Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	50.6	76.0
227	62.9	50.2	75.4





#35
Caprolactam
Concen: 7.188 ng
RT: 11.845 min Scan# 1477
Delta R.T. -0.012 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

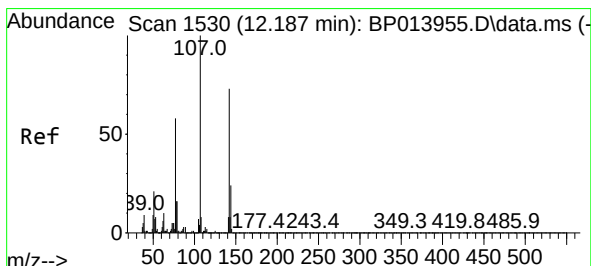
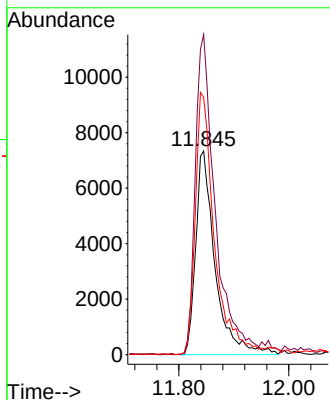
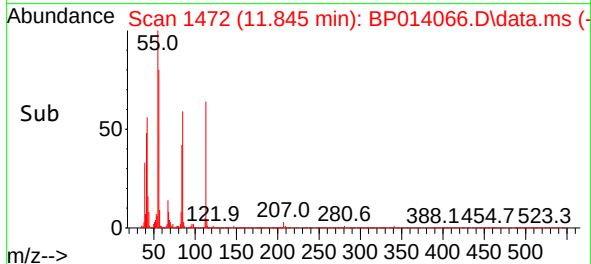
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:113 Resp: 17910
Ion Ratio Lower Upper
113 100
55 157.1 128.9 168.9
56 126.3 99.6 139.6

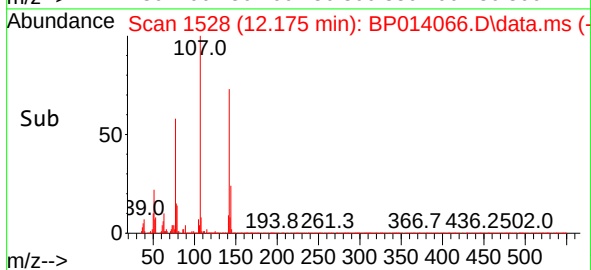
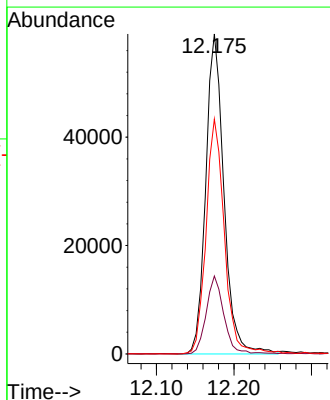
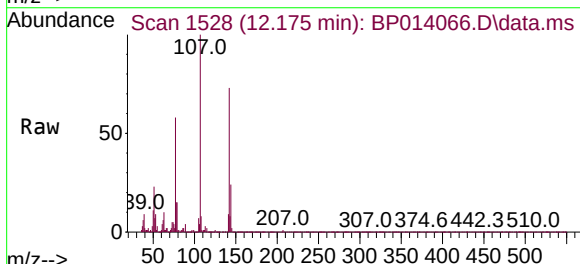
Manual Integrations
APPROVED

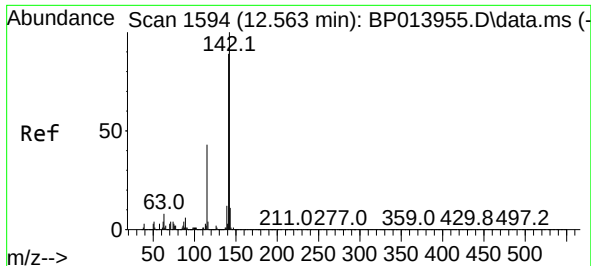
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#36
4-Chloro-3-methylphenol
Concen: 9.911 ng
RT: 12.175 min Scan# 1528
Delta R.T. -0.000 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

Tgt Ion:107 Resp: 96223
Ion Ratio Lower Upper
107 100
144 24.4 19.3 28.9
142 73.4 58.5 87.7





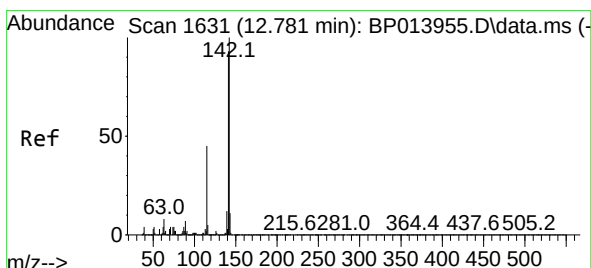
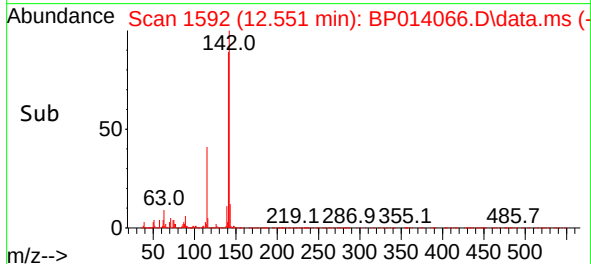
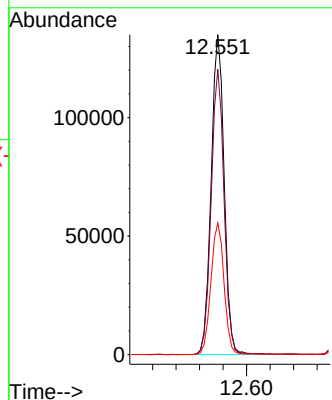
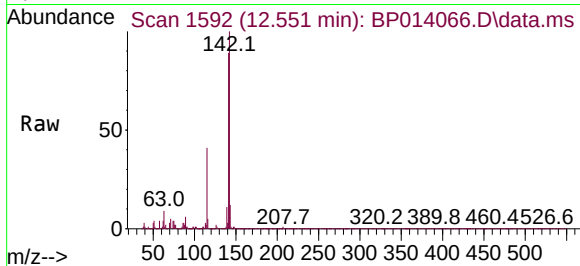
#37
2-Methylnaphthalene
Concen: 10.188 ng
RT: 12.551 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:142 Resp: 20744
Ion Ratio Lower Upper
142 100
141 89.2 71.0 106.4
115 41.2 34.5 51.7

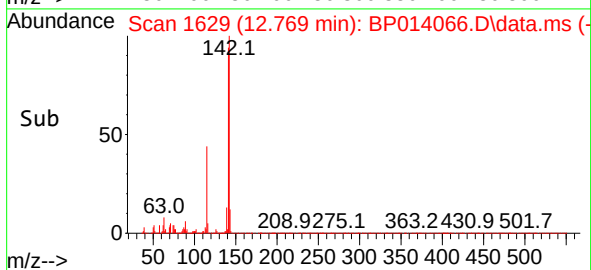
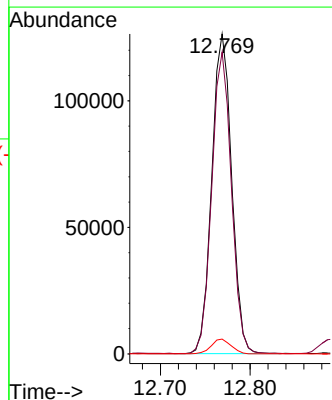
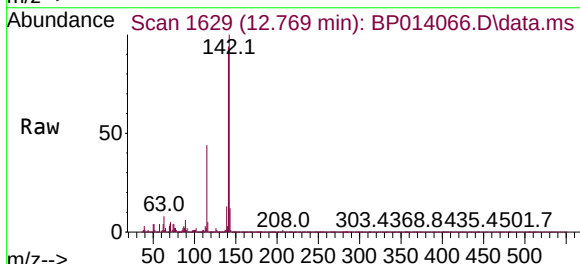
Manual Integrations
APPROVED

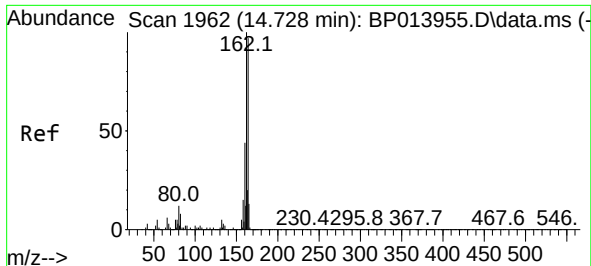
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#38
1-Methylnaphthalene
Concen: 10.295 ng
RT: 12.769 min Scan# 1629
Delta R.T. -0.000 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

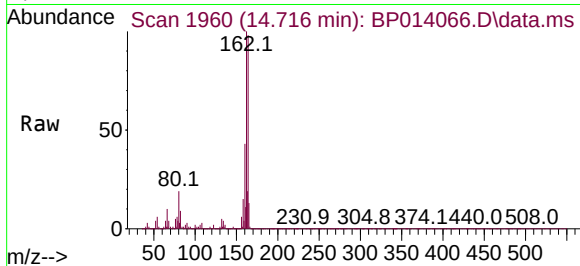
Tgt Ion:142 Resp: 195381
Ion Ratio Lower Upper
142 100
141 94.3 74.4 111.6
116 4.6 3.6 5.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.716 min Scan# 1962
Delta R.T. -0.000 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

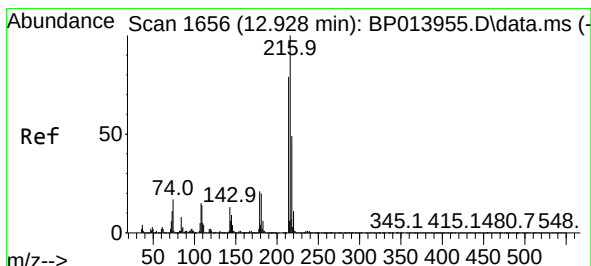
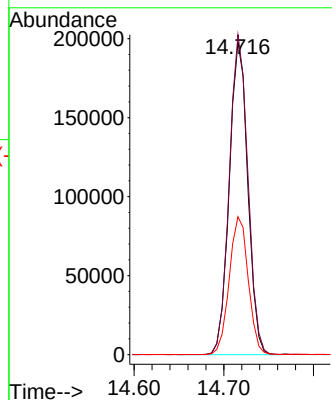
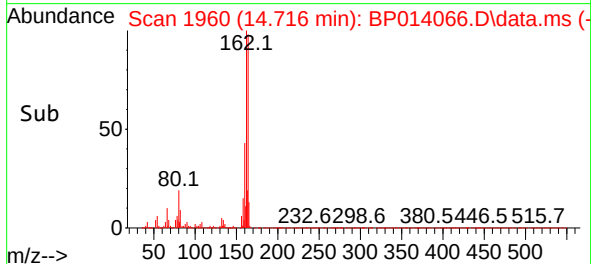
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:164 Resp: 284366
Ion Ratio Lower Upper
164 100
162 102.5 82.1 123.1
160 44.2 36.2 54.2

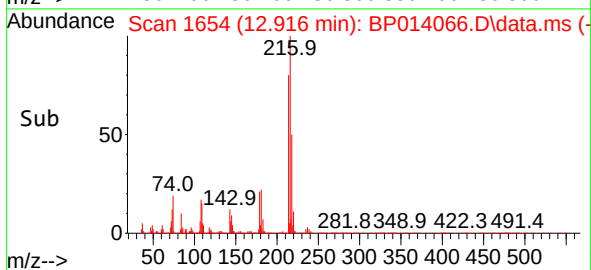
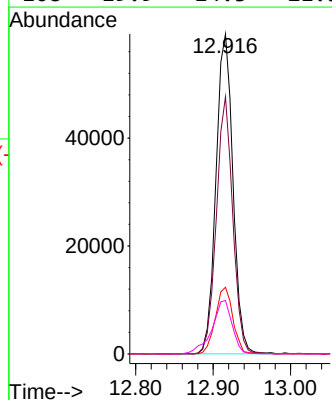
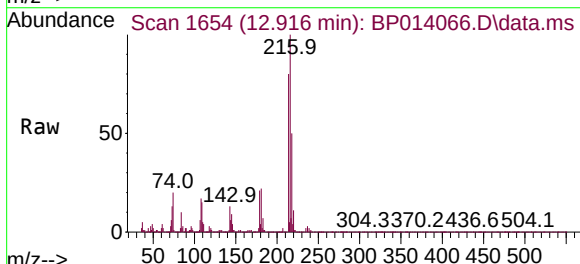
Manual Integrations
APPROVED

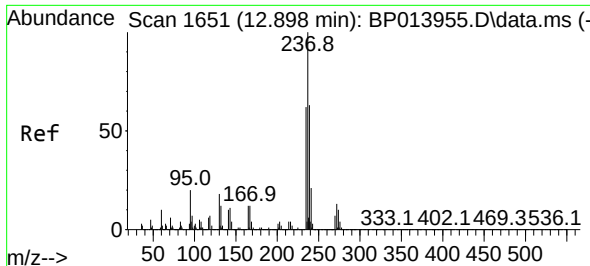
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.332 ng
RT: 12.916 min Scan# 1654
Delta R.T. 0.006 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

Tgt Ion:216 Resp: 90307
Ion Ratio Lower Upper
216 100
214 77.5 62.2 93.2
179 21.5 16.6 24.8
108 19.9 14.3 21.5





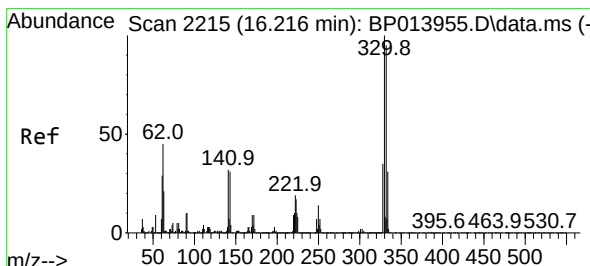
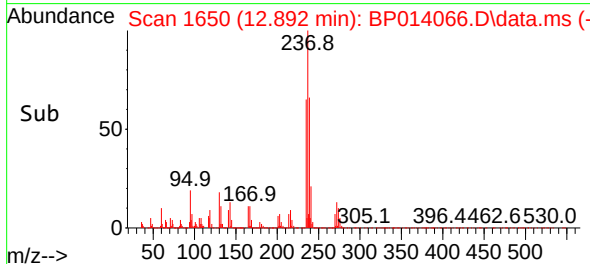
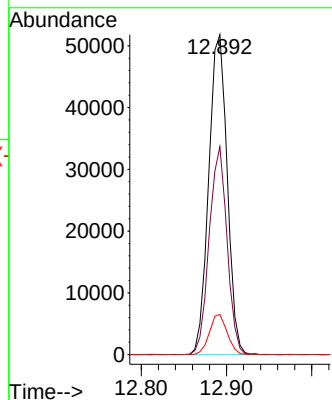
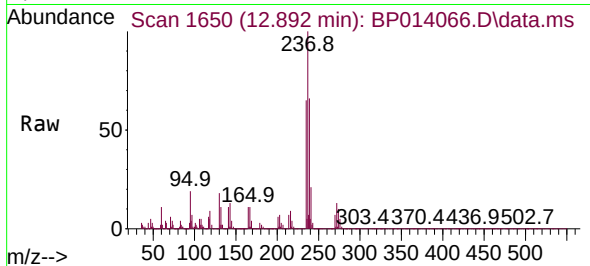
#41
Hexachlorocyclopentadiene
Concen: 11.460 ng
RT: 12.892 min Scan# 1651
Delta R.T. 0.006 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion: 237 Resp: 77956
Ion Ratio Lower Upper
237 100
235 65.0 41.9 81.9
272 12.5 0.0 32.6

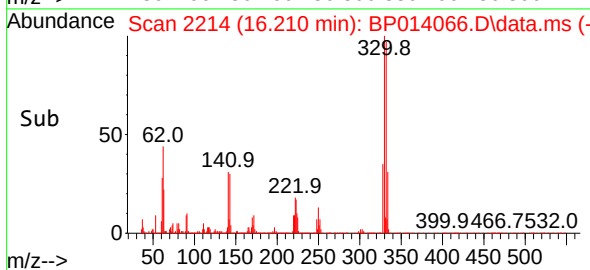
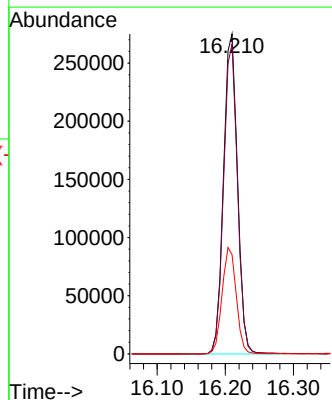
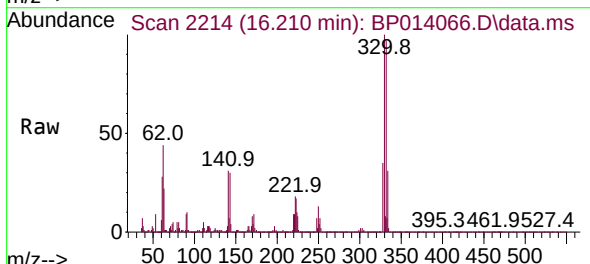
Manual Integrations
APPROVED

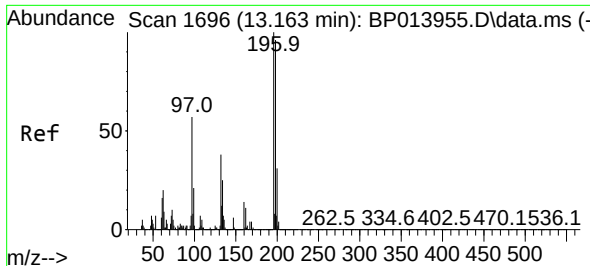
Reviewed By : Christian Giraldo 03/14/2023
Supervised By : Jagrut Upadhyay 03/14/2023



#42
2,4,6-Tribromophenol
Concen: 84.557 ng
RT: 16.210 min Scan# 2214
Delta R.T. 0.006 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

Tgt Ion: 330 Resp: 389855
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 33.6 25.6 38.4





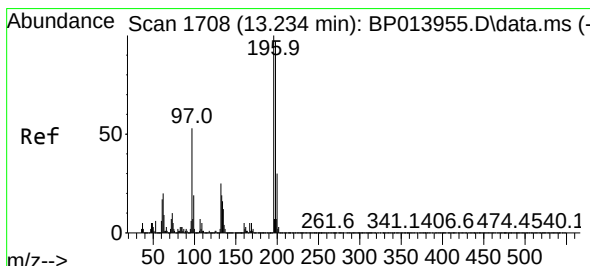
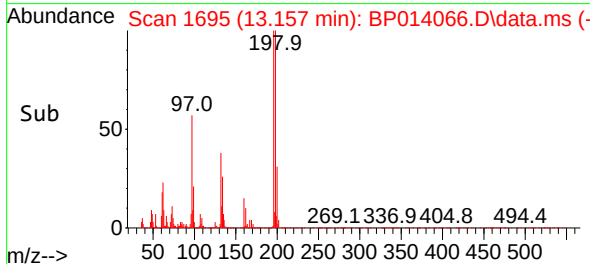
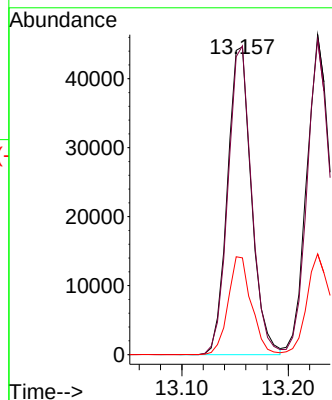
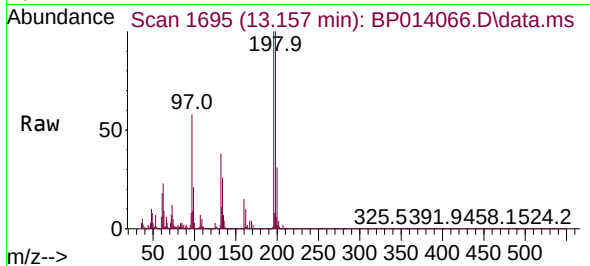
#43
2,4,6-Trichlorophenol
Concen: 10.210 ng
RT: 13.157 min Scan# 1695
Delta R.T. 0.006 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:196 Resp: 69954
Ion Ratio Lower Upper
196 100
198 100.3 76.7 115.1
200 31.4 25.2 37.8

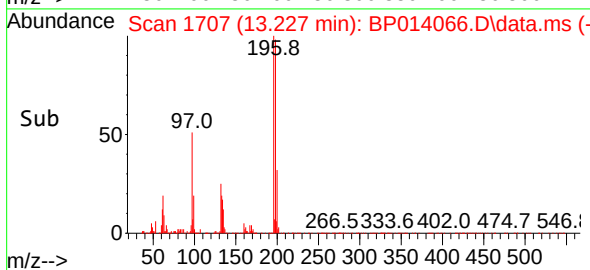
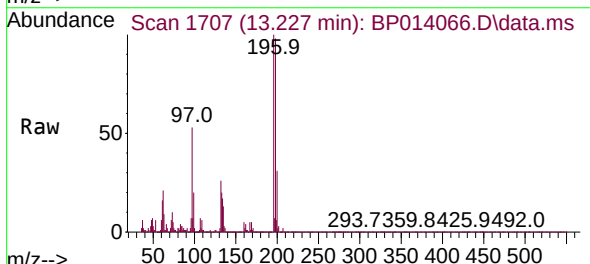
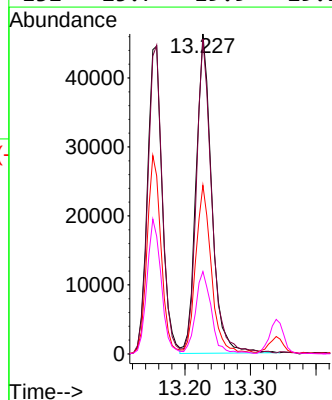
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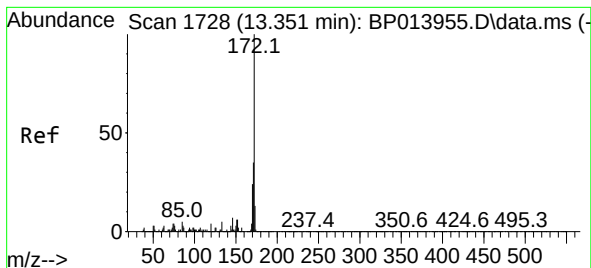
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#44
2,4,5-Trichlorophenol
Concen: 9.623 ng
RT: 13.227 min Scan# 1707
Delta R.T. 0.006 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

Tgt Ion:196 Resp: 76397
Ion Ratio Lower Upper
196 100
198 98.4 77.5 116.3
97 52.7 42.6 64.0
132 25.7 19.9 29.9





#45

2-Fluorobiphenyl

Concen: 69.168 ng

RT: 13.339 min Scan# 1726

Delta R.T. -0.000 min

Lab File: BP014066.D

Acq: 13 Mar 2023 16:36

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion:172 Resp: 1518172

Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

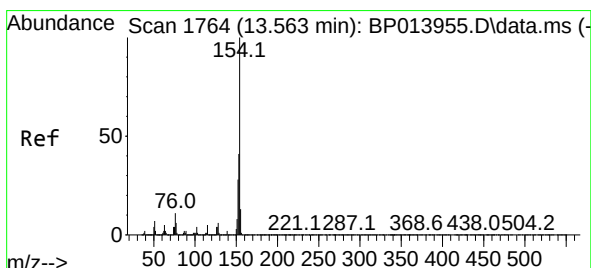
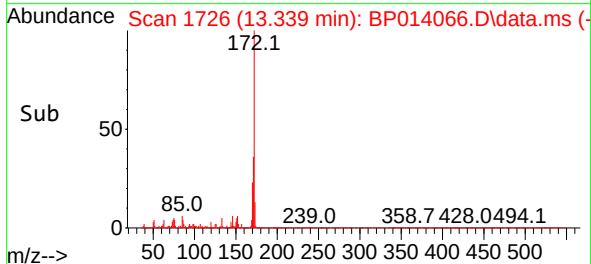
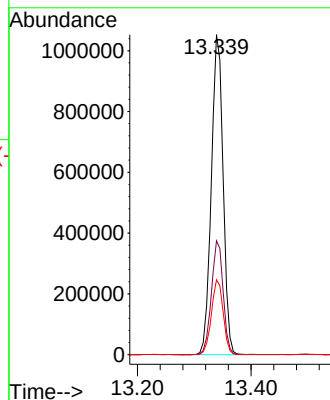
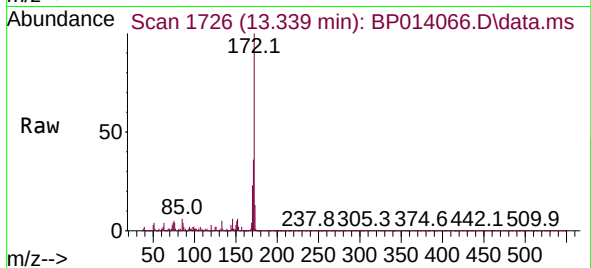
170 23.4 19.0 28.4

Manual Integrations

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Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#46

1,1'-Biphenyl

Concen: 8.415 ng

RT: 13.551 min Scan# 1762

Delta R.T. -0.000 min

Lab File: BP014066.D

Acq: 13 Mar 2023 16:36

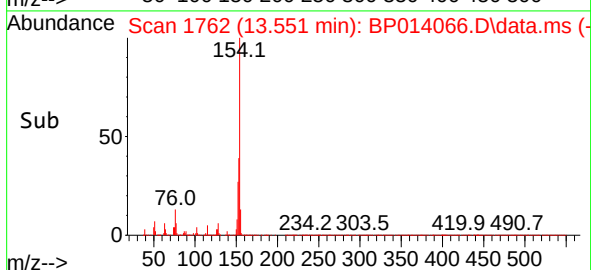
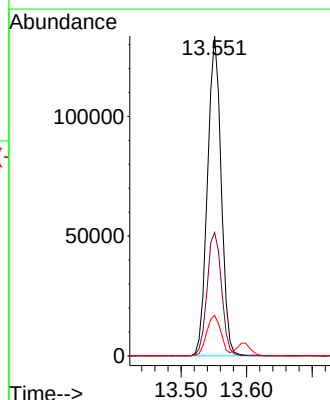
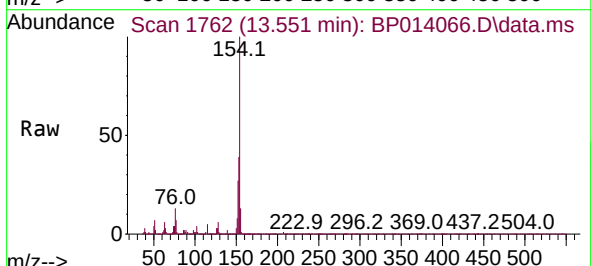
Tgt Ion:154 Resp: 192607

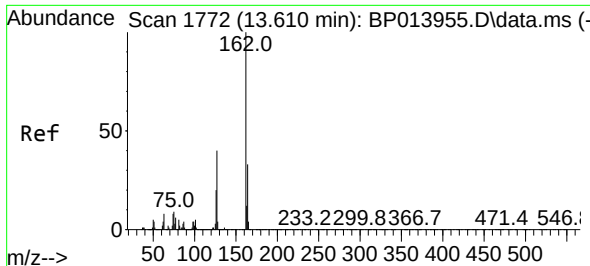
Ion Ratio Lower Upper

154 100

153 38.6 21.0 61.0

76 12.7 0.0 31.0





#47

2-Chloronaphthalene

Concen: 11.863 ng

RT: 13.598 min Scan# 1770

Delta R.T. 0.006 min

Lab File: BP014066.D

Acq: 13 Mar 2023 16:36

Instrument :

BNA_P

ClientSampleId :

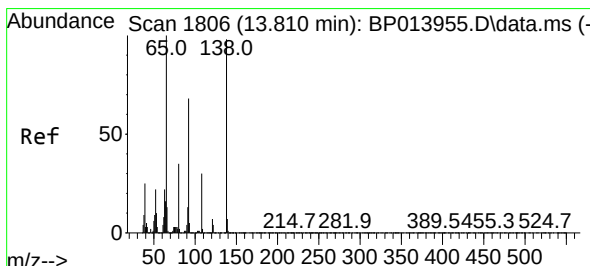
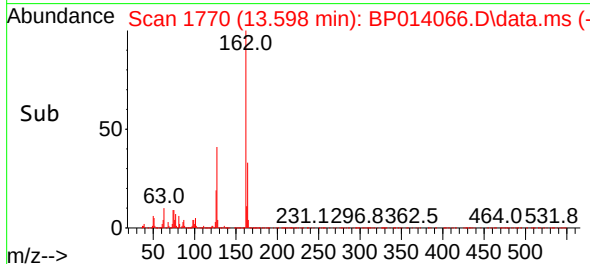
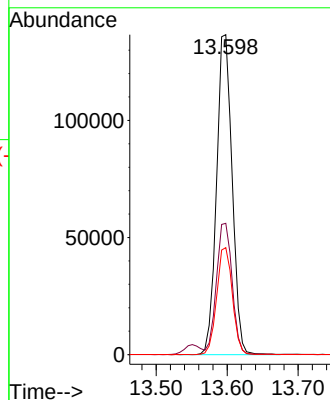
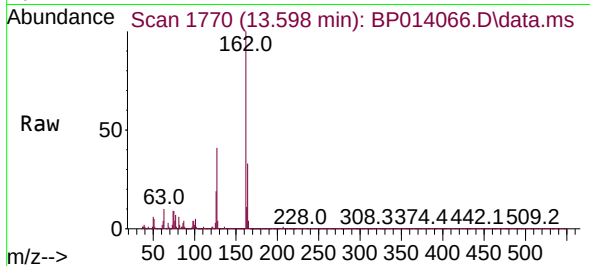
LOQ-WATER-02-QT1-2023

Tgt Ion:	162	Resp:	209033
Ion Ratio	Lower	Upper	
162	100		
127	41.0	32.5	48.7
164	33.4	26.3	39.5

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



#48

2-Nitroaniline

Concen: 9.837 ng

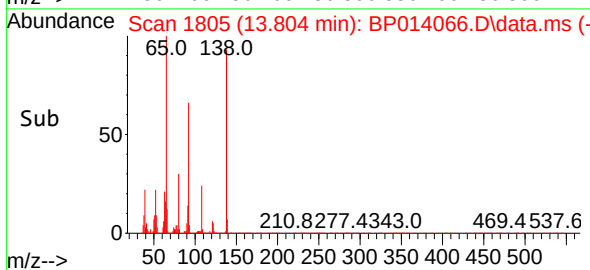
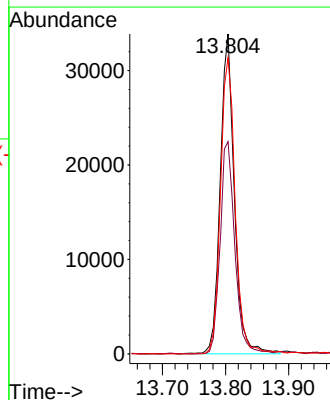
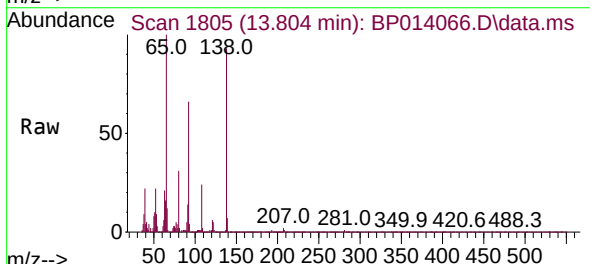
RT: 13.804 min Scan# 1805

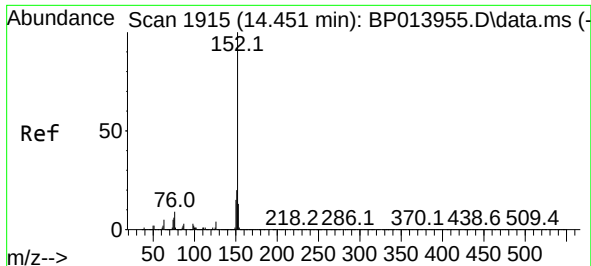
Delta R.T. 0.006 min

Lab File: BP014066.D

Acq: 13 Mar 2023 16:36

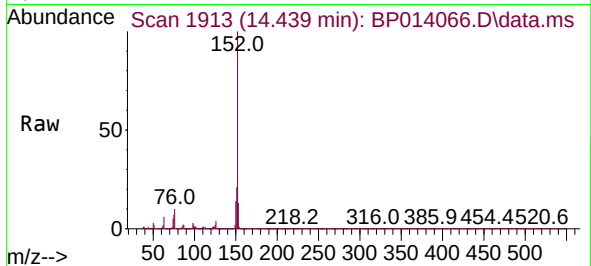
Tgt Ion:	65	Resp:	52606
Ion Ratio	Lower	Upper	
65	100		
92	66.3	54.4	81.6
138	92.5	78.0	117.0





#49
Acenaphthylene
Concen: 10.951 ng
RT: 14.439 min Scan# 1915
Delta R.T. -0.000 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

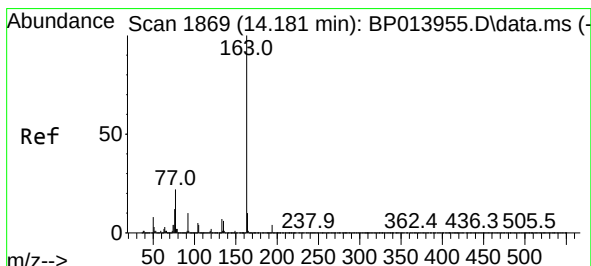
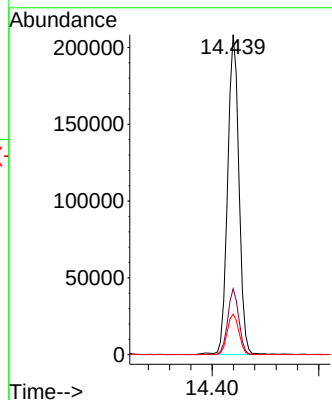
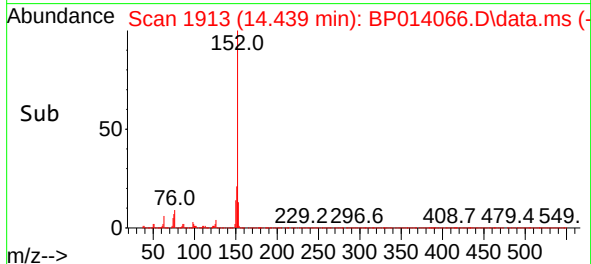
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2023



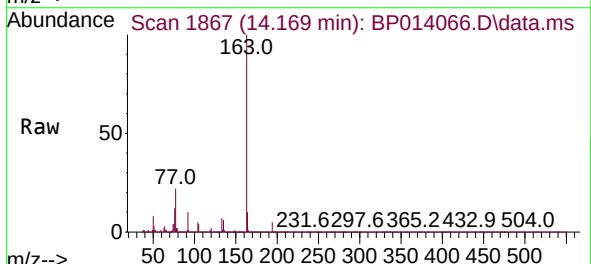
Tgt Ion:152 Resp: 306870
Ion Ratio Lower Upper
152 100
151 20.6 16.1 24.1
153 12.6 10.4 15.6

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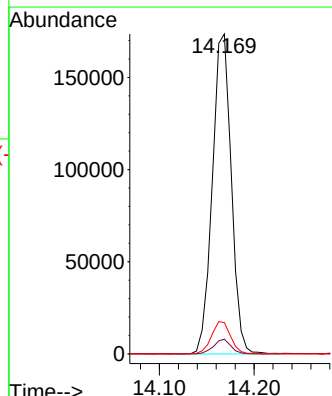
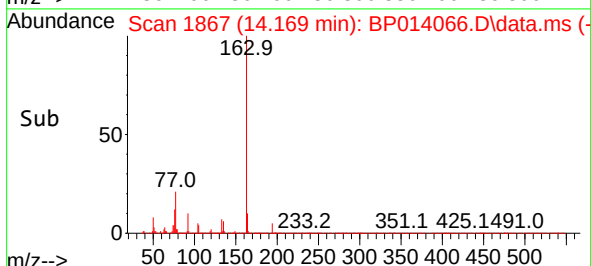
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

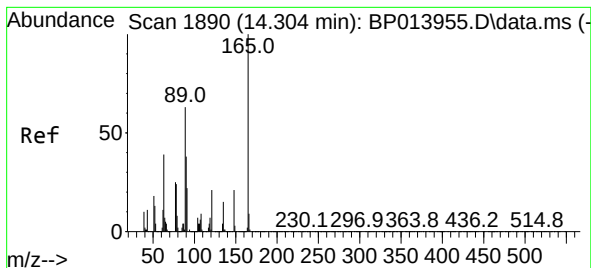


#50
Dimethylphthalate
Concen: 10.281 ng
RT: 14.169 min Scan# 1867
Delta R.T. -0.000 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36



Tgt Ion:163 Resp: 241195
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.2
164 9.8 8.1 12.1





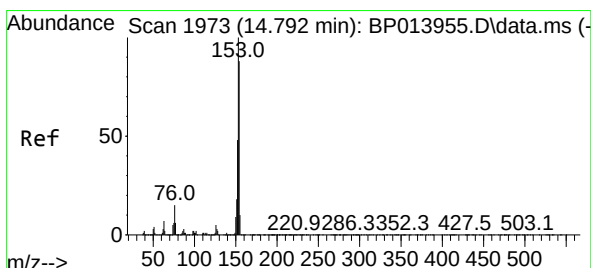
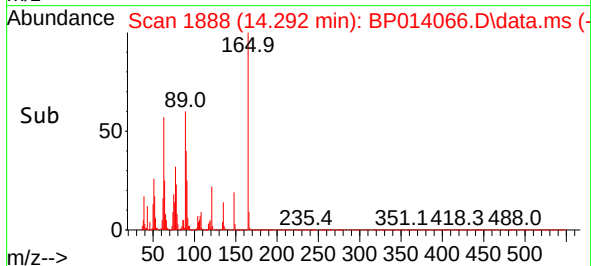
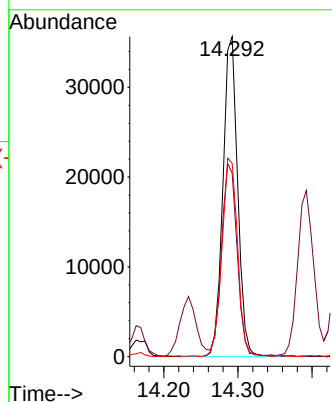
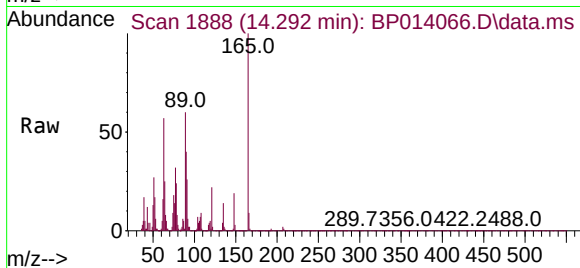
#51
2,6-Dinitrotoluene
Concen: 9.972 ng
RT: 14.292 min Scan# 1890
Delta R.T. -0.000 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:165 Resp: 49265
Ion Ratio Lower Upper
165 100
63 57.3 46.7 70.1
89 60.4 50.8 76.2

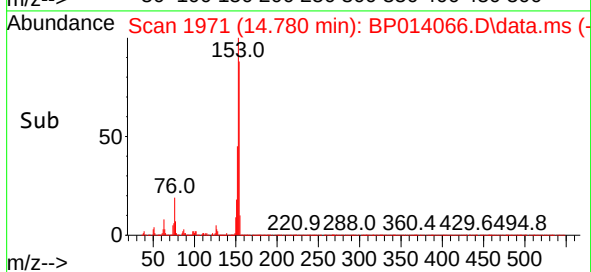
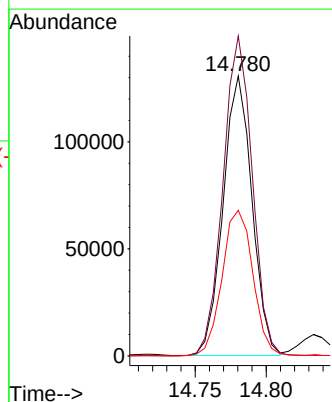
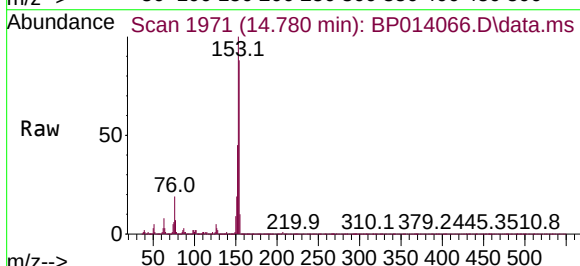
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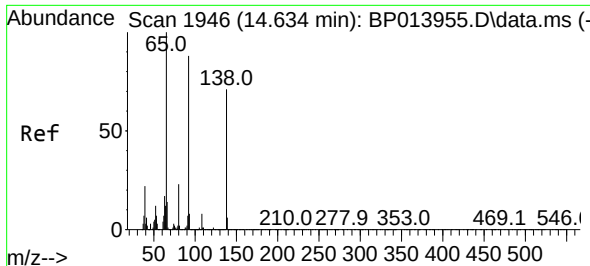
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#52
Acenaphthene
Concen: 10.958 ng
RT: 14.780 min Scan# 1971
Delta R.T. -0.000 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

Tgt Ion:154 Resp: 184836
Ion Ratio Lower Upper
154 100
153 114.3 91.3 136.9
152 52.0 43.4 65.0





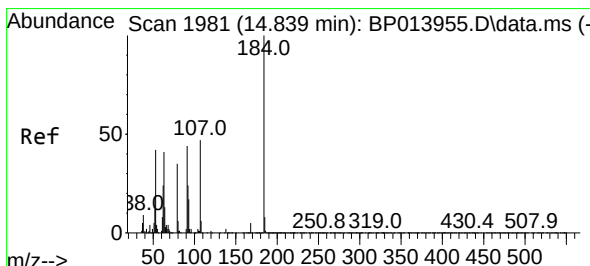
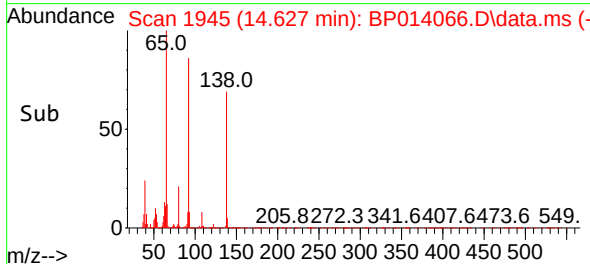
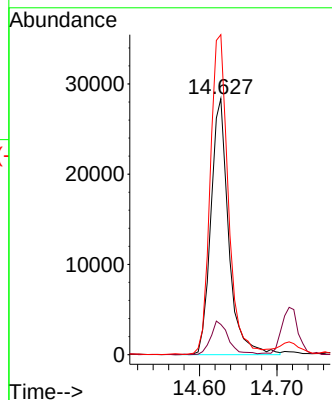
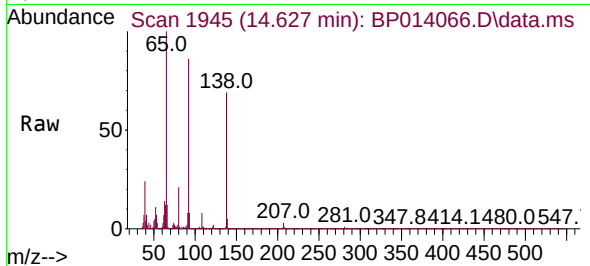
#53
3-Nitroaniline
Concen: 9.296 ng
RT: 14.627 min Scan# 1945
Delta R.T. 0.006 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:138 Resp: 45009
Ion Ratio Lower Upper
138 100
108 11.8 9.5 14.3
92 125.0 99.2 148.8

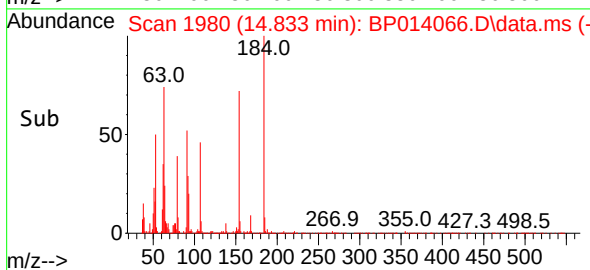
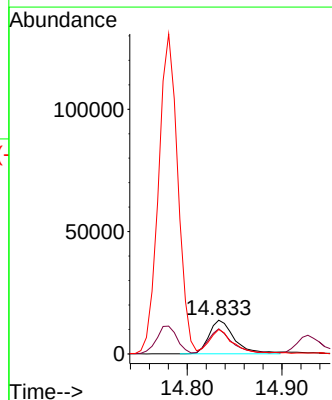
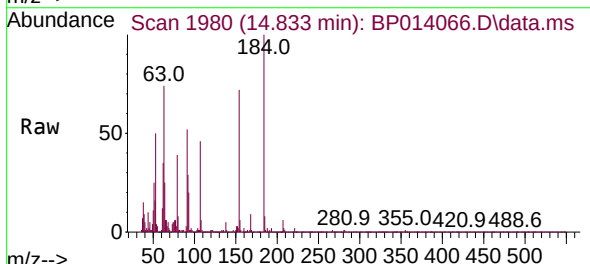
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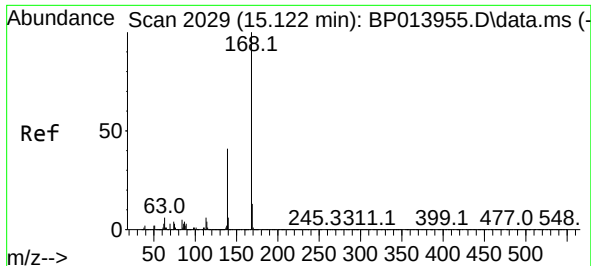
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#54
2,4-Dinitrophenol
Concen: 9.817 ng
RT: 14.833 min Scan# 1980
Delta R.T. 0.006 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

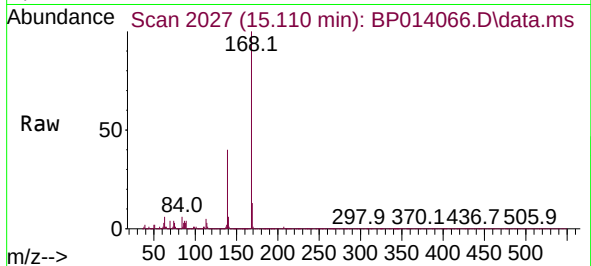
Tgt Ion:184 Resp: 25671
Ion Ratio Lower Upper
184 100
63 74.4 52.4 78.6
154 72.3 59.4 89.2





#55
Dibenzofuran
Concen: 11.647 ng
RT: 15.110 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

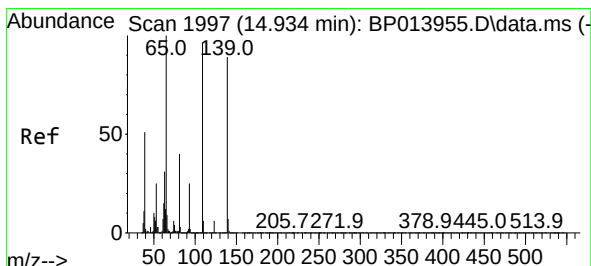
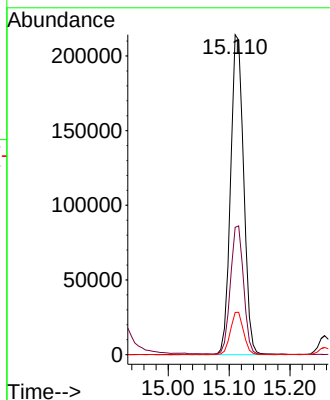
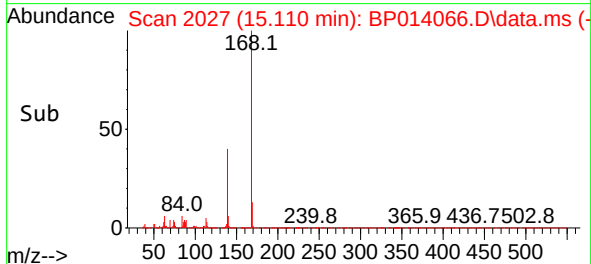
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2023



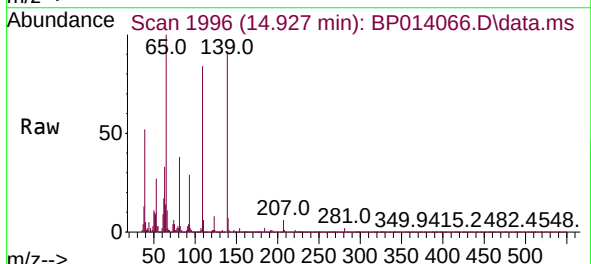
Tgt Ion:168 Resp: 320276
Ion Ratio Lower Upper
168 100
139 39.8 32.9 49.3
169 13.2 10.6 15.8

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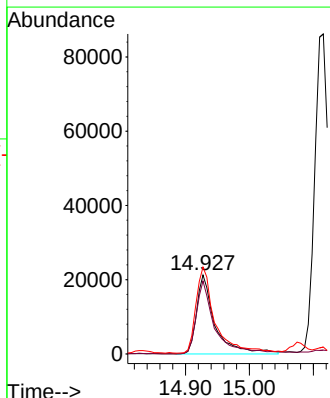
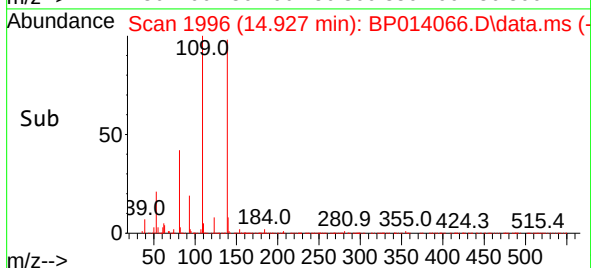
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

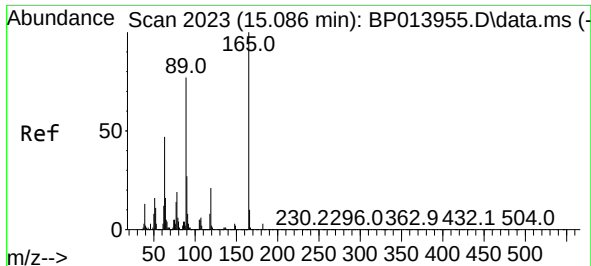


#56
4-Nitrophenol
Concen: 10.799 ng m
RT: 14.927 min Scan# 1996
Delta R.T. 0.006 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36



Tgt Ion:139 Resp: 42577
Ion Ratio Lower Upper
139 100
109 92.5 87.0 127.0
65 110.3 92.1 132.1





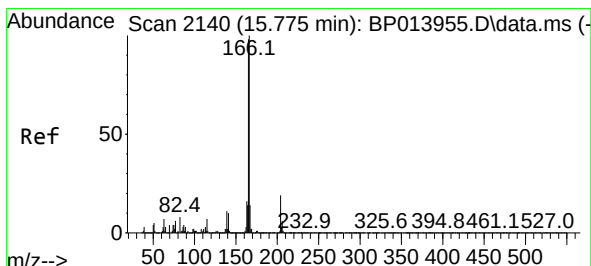
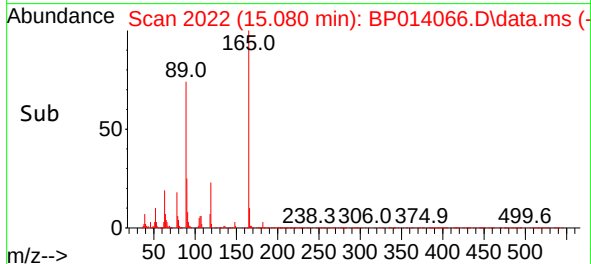
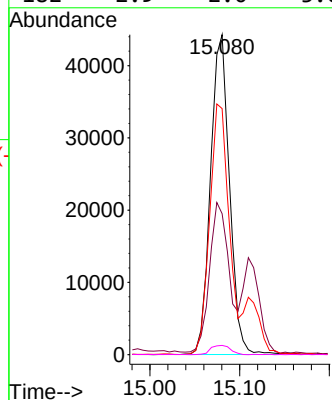
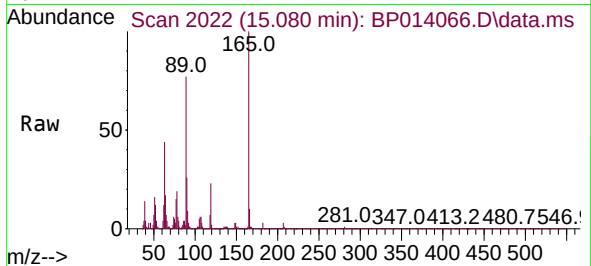
#57
2,4-Dinitrotoluene
Concen: 9.849 ng
RT: 15.080 min Scan# 20
Delta R.T. 0.006 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:165 Resp: 65042
Ion Ratio Lower Upper
165 100
63 44.0 37.5 56.3
89 76.9 61.8 92.8
182 2.9 2.0 3.0

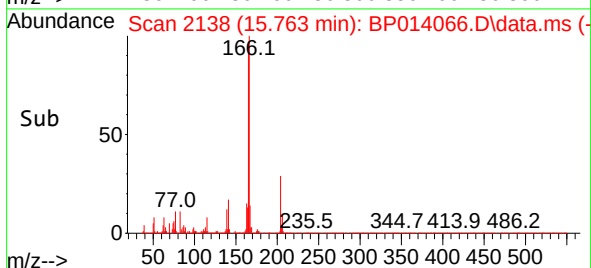
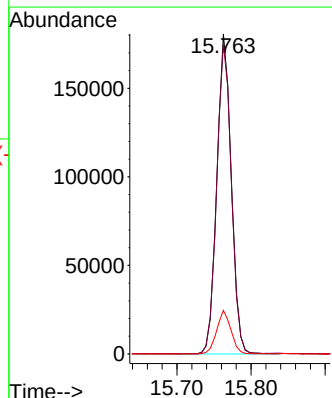
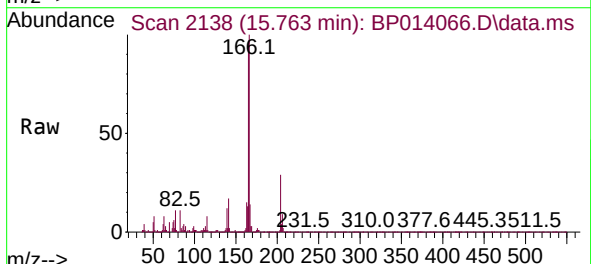
Manual Integrations
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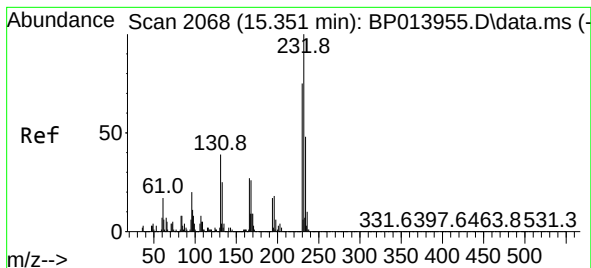
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#58
Fluorene
Concen: 11.197 ng
RT: 15.763 min Scan# 2138
Delta R.T. -0.000 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

Tgt Ion:166 Resp: 244486
Ion Ratio Lower Upper
166 100
165 96.9 78.1 117.1
167 13.6 10.8 16.2





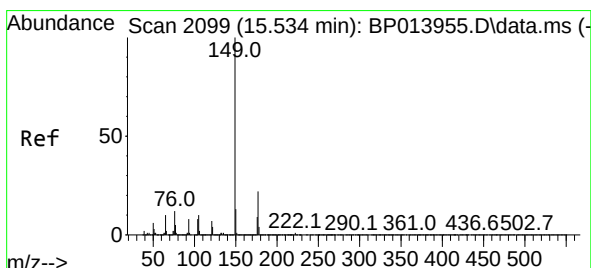
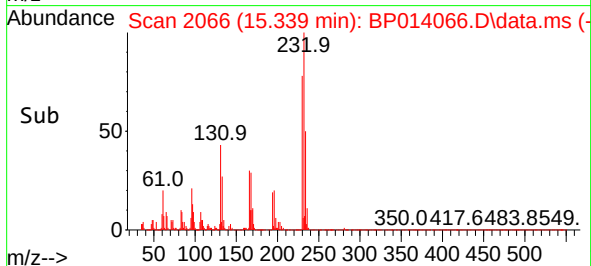
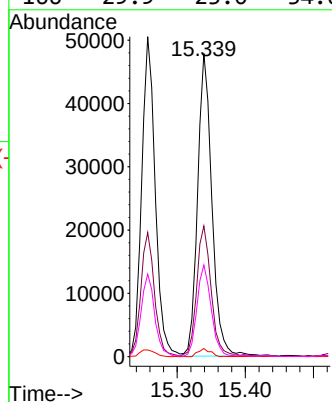
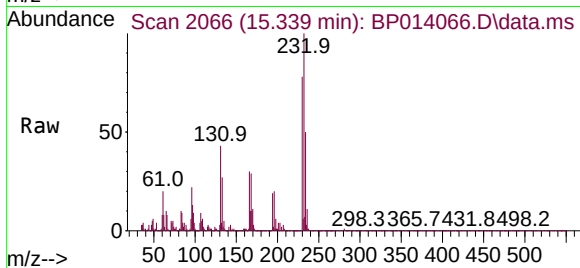
#59
2,3,4,6-Tetrachlorophenol
Concen: 10.079 ng
RT: 15.339 min Scan# 2066
Delta R.T. -0.000 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

Instrument : BNA_P
Client Sample Id : LOQ-WATER-02-QT1-2023

Tgt Ion: 232 Resp: 69810
Ion Ratio Lower Upper
232 100
131 43.0 32.5 48.7
130 2.3 1.9 2.9
166 29.9 23.0 34.6

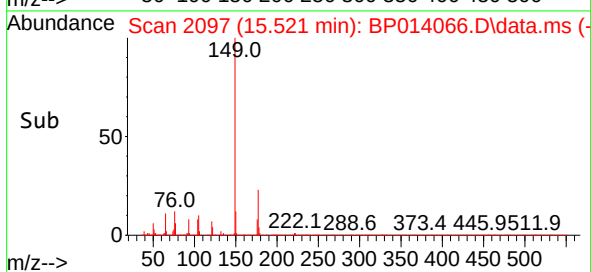
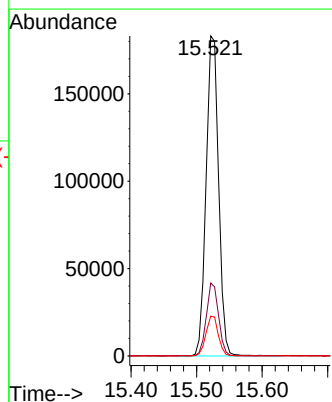
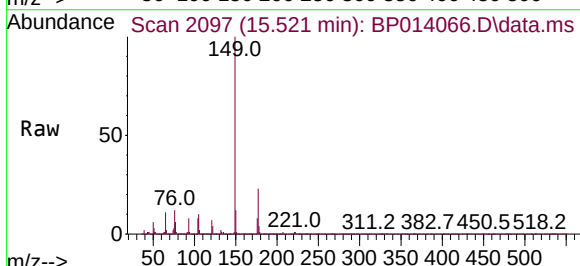
Manual Integrations
APPROVED

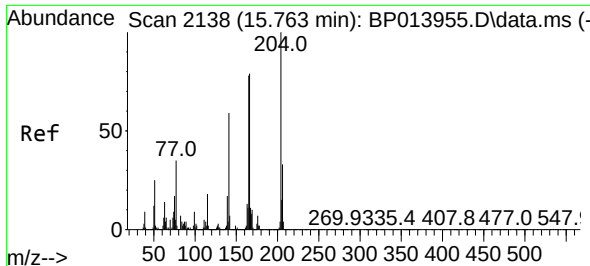
Reviewed By : Christian Giraldo 03/14/2023
Supervised By : Jagrut Upadhyay 03/14/2023



#60
Diethylphthalate
Concen: 10.417 ng
RT: 15.521 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

Tgt Ion: 149 Resp: 241298
Ion Ratio Lower Upper
149 100
177 22.8 18.0 27.0
150 12.4 10.3 15.5





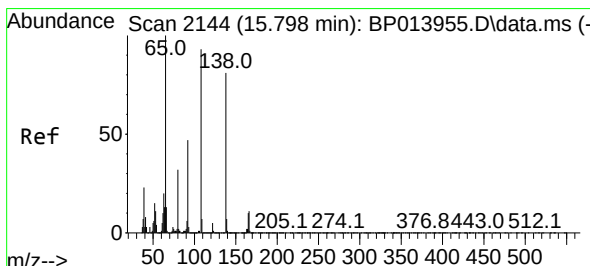
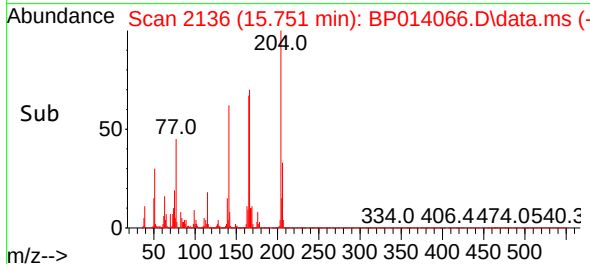
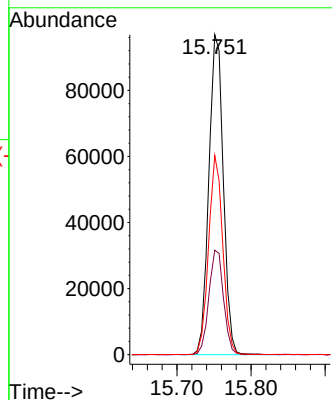
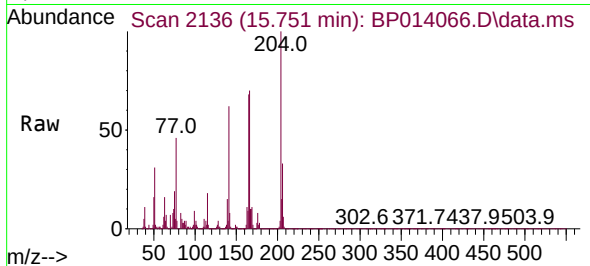
#61
4-Chlorophenyl-phenylether
Concen: 10.595 ng
RT: 15.751 min Scan# 2138
Delta R.T. -0.000 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:204 Resp: 131148
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.4
141 62.2 46.9 70.3

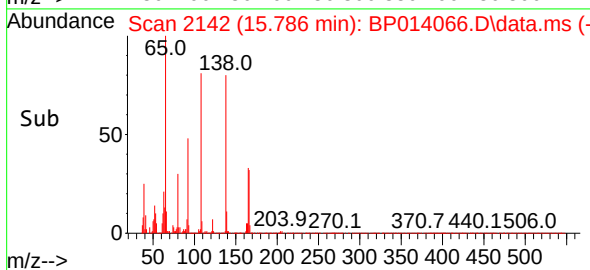
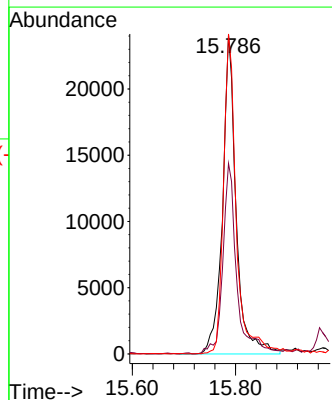
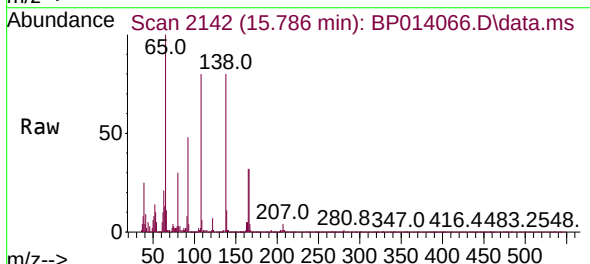
Manual Integrations
APPROVED

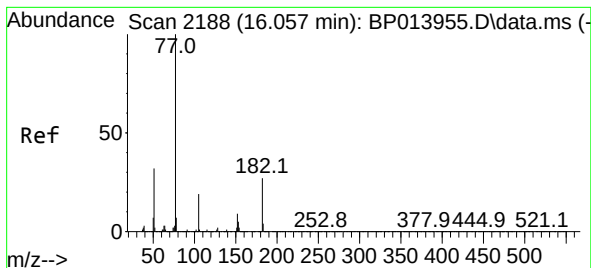
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#62
4-Nitroaniline
Concen: 9.204 ng
RT: 15.786 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

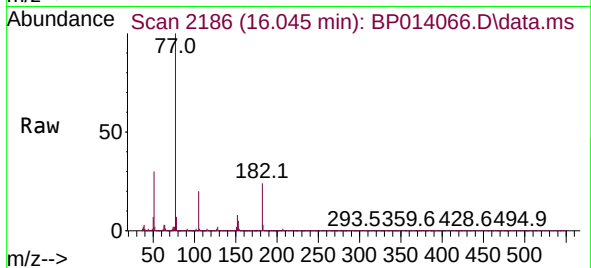
Tgt Ion:138 Resp: 44371
Ion Ratio Lower Upper
138 100
92 59.7 37.9 77.9
108 100.2 94.9 134.9





#63
Azobenzene
Concen: 10.749 ng
RT: 16.045 min Scan# 2188
Delta R.T. -0.000 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

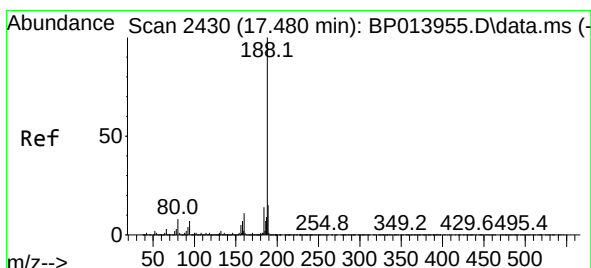
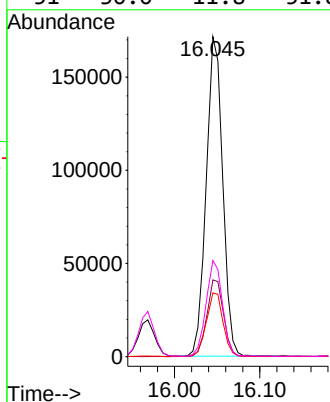
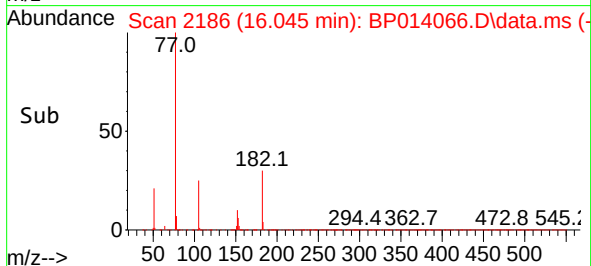
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2023



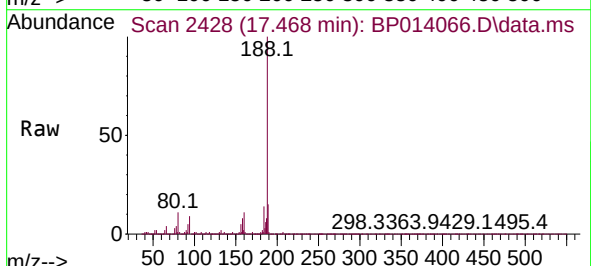
Tgt Ion: 77 Resp: 230378
Ion Ratio Lower Upper
77 100
182 24.0 6.9 46.9
105 19.9 0.0 39.4
51 30.0 11.8 51.8

Manual Integrations
APPROVED

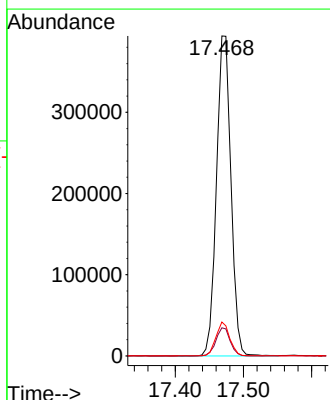
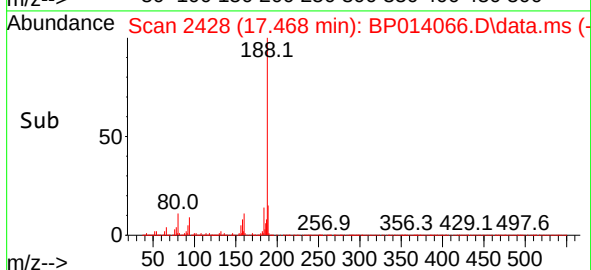
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

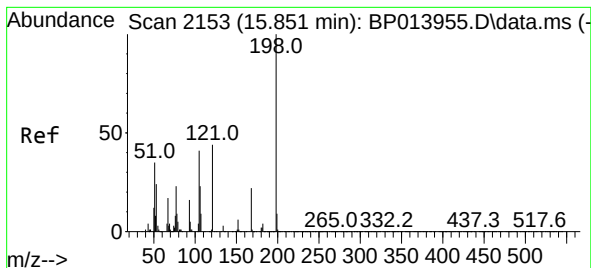


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.468 min Scan# 2428
Delta R.T. -0.000 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36



Tgt Ion:188 Resp: 578114
Ion Ratio Lower Upper
188 100
94 8.8 5.8 8.6#
80 10.6 6.6 9.8#





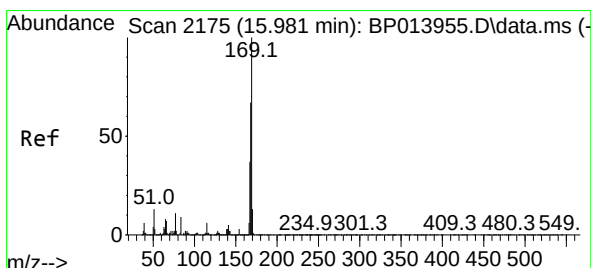
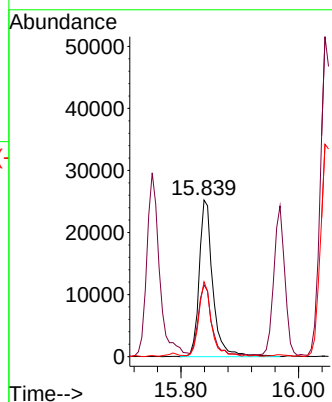
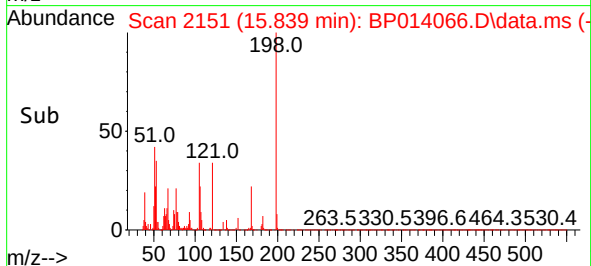
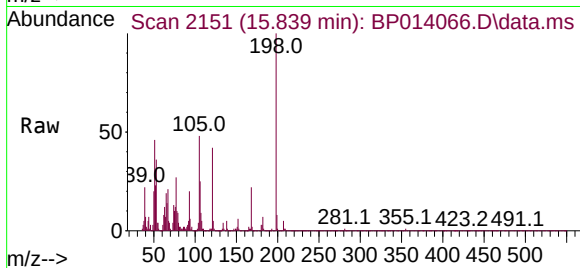
#65
4,6-Dinitro-2-methylphenol
Concen: 9.415 ng
RT: 15.839 min Scan# 2153
Delta R.T. -0.000 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:198 Resp: 40316
Ion Ratio Lower Upper
198 100
51 45.7 22.1 62.1
105 47.8 21.5 61.5

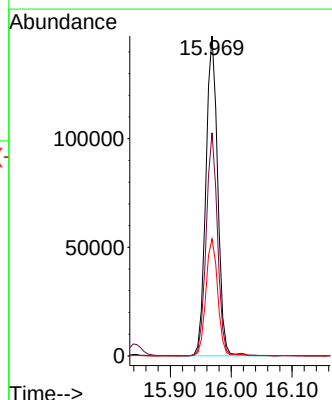
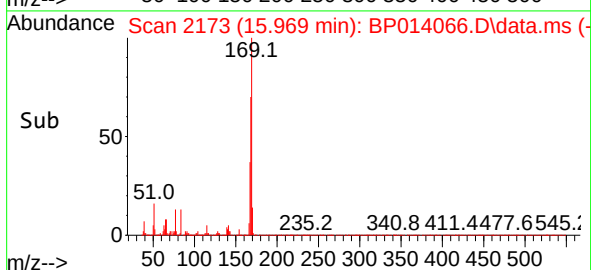
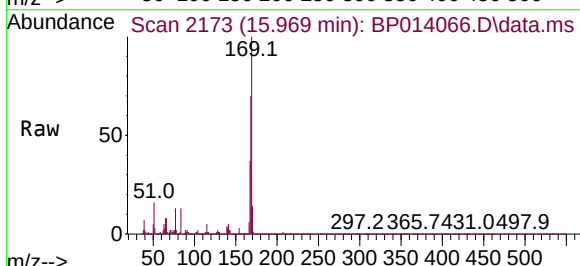
Manual Integrations
APPROVED

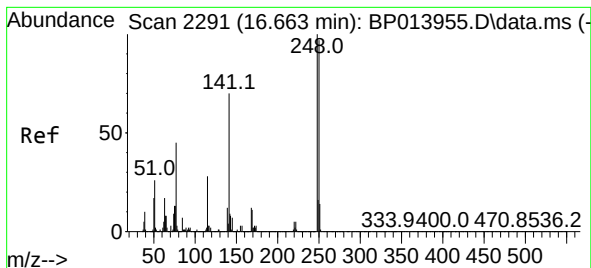
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#66
n-Nitrosodiphenylamine
Concen: 10.795 ng
RT: 15.969 min Scan# 2173
Delta R.T. -0.000 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

Tgt Ion:169 Resp: 197200
Ion Ratio Lower Upper
169 100
168 69.7 54.0 81.0
167 36.6 29.4 44.2





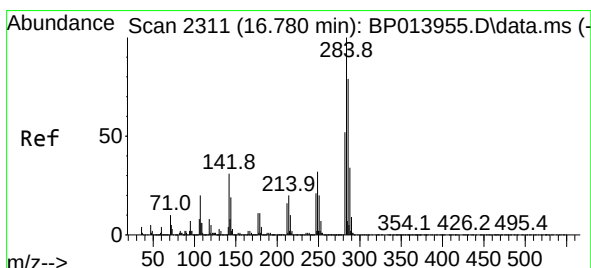
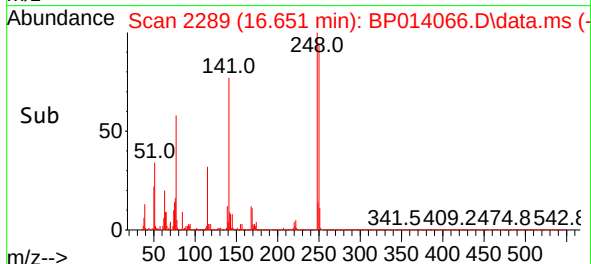
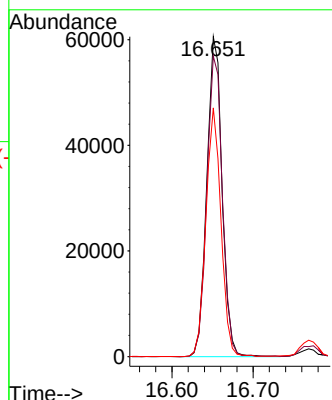
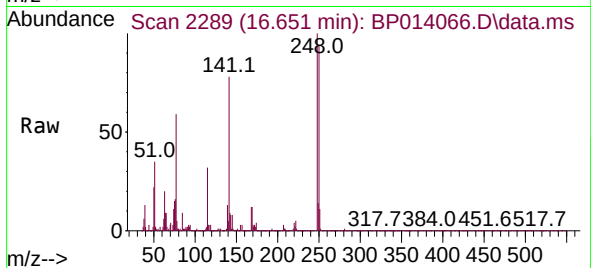
#67
4-Bromophenyl-phenylether
Concen: 10.365 ng
RT: 16.651 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:248 Resp: 7926
Ion Ratio Lower Upper
248 100
250 93.9 77.9 116.9
141 77.7 56.0 84.0

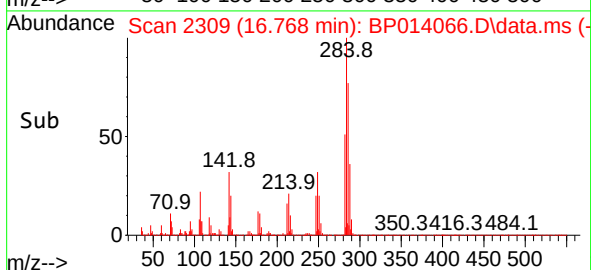
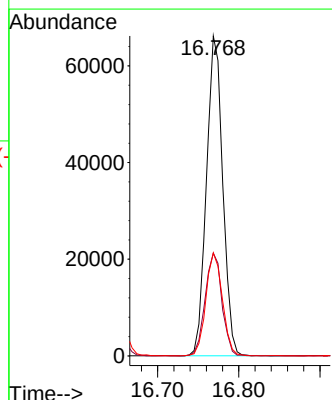
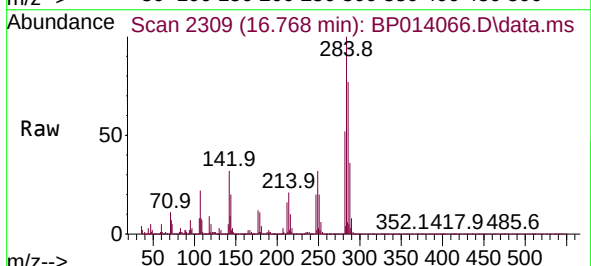
Manual Integrations
APPROVED

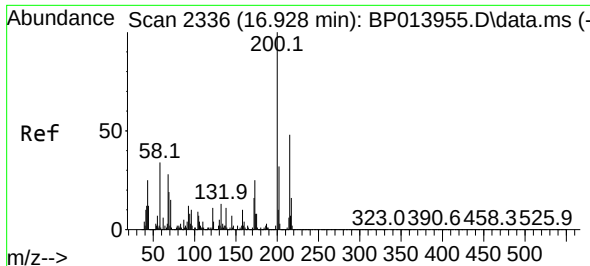
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#68
Hexachlorobenzene
Concen: 11.291 ng
RT: 16.768 min Scan# 2309
Delta R.T. -0.000 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

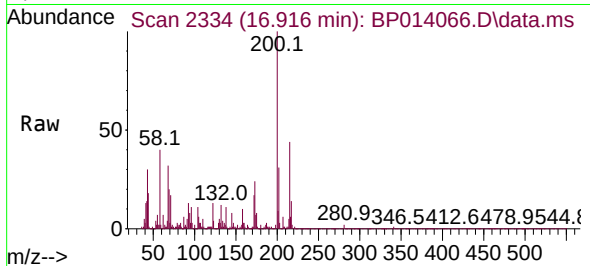
Tgt Ion:284 Resp: 92546
Ion Ratio Lower Upper
284 100
142 32.1 24.8 37.2
249 32.2 25.7 38.5





#69
Atrazine
Concen: 7.598 ng
RT: 16.916 min Scan# 2334
Delta R.T. -0.000 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

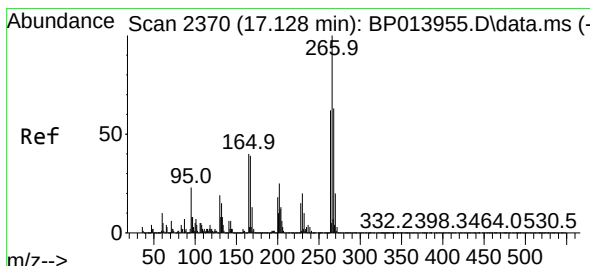
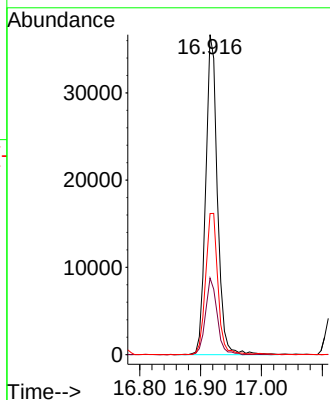
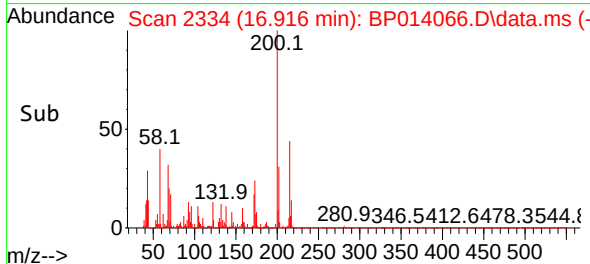
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:200 Resp: 48729
Ion Ratio Lower Upper
200 100
173 23.9 5.5 45.5
215 44.1 27.9 67.9

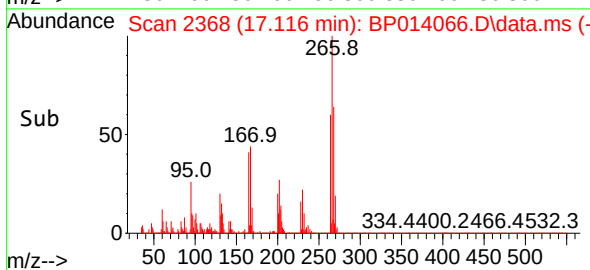
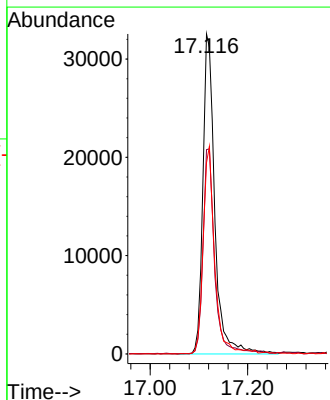
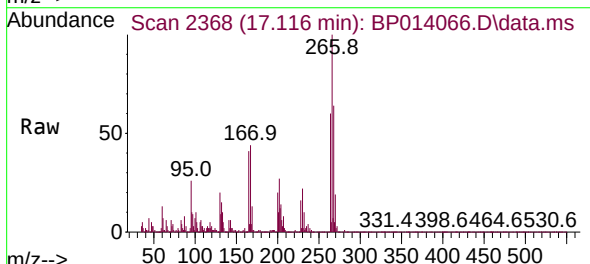
Manual Integrations
APPROVED

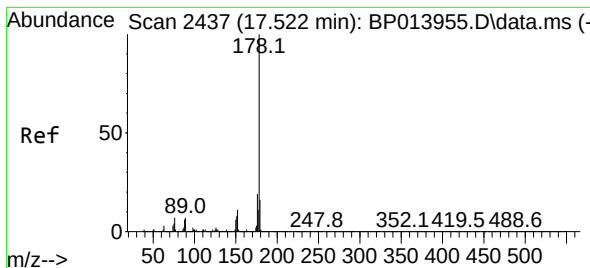
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#70
Pentachlorophenol
Concen: 9.363 ng
RT: 17.116 min Scan# 2368
Delta R.T. -0.000 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

Tgt Ion:266 Resp: 55348
Ion Ratio Lower Upper
266 100
268 63.8 50.4 75.6
264 59.8 49.2 73.8





#71

Phenanthrene

Concen: 11.287 ng

RT: 17.515 min Scan# 2437

Delta R.T. 0.006 min

Lab File: BP014066.D

Acq: 13 Mar 2023 16:36

Instrument :

BNA_P

ClientSampleId :

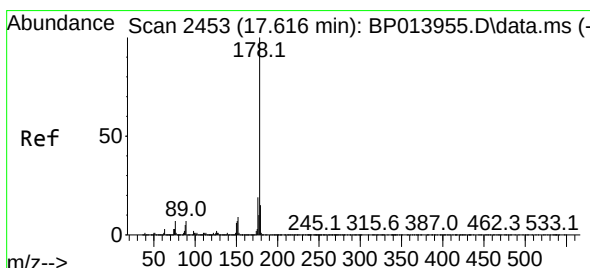
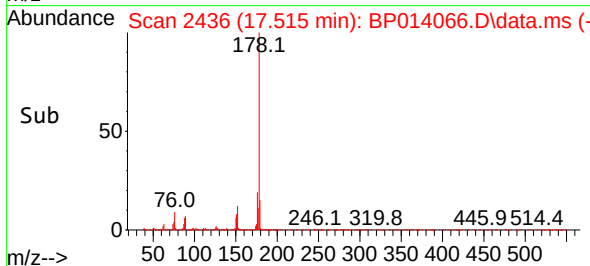
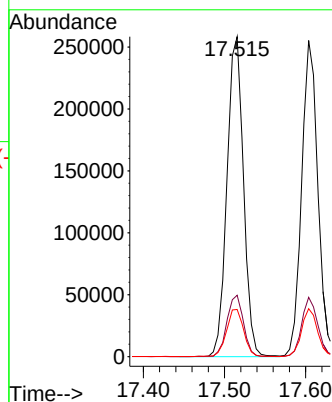
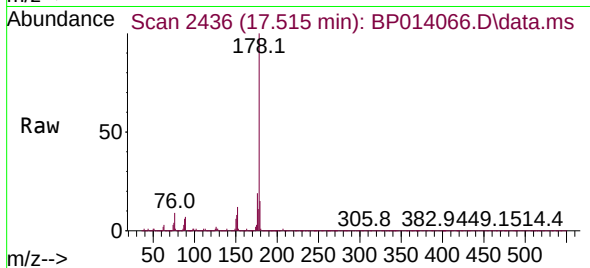
LOQ-WATER-02-QT1-2023

Tgt Ion:178 Resp: 364515
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 14.7 12.6 19.0

Manual Integrations

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



#72

Anthracene

Concen: 10.862 ng

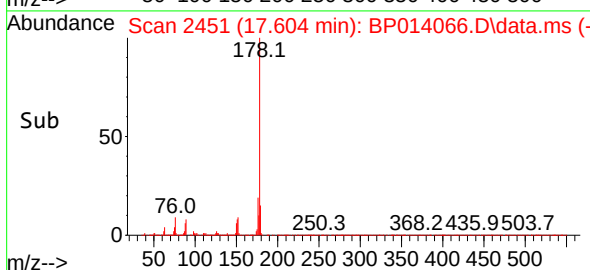
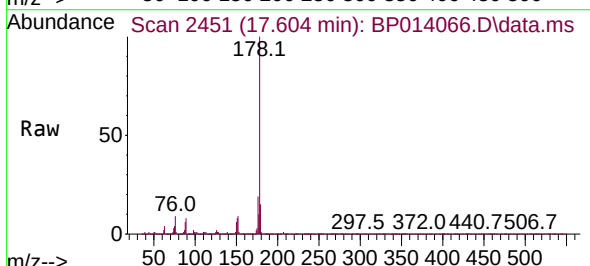
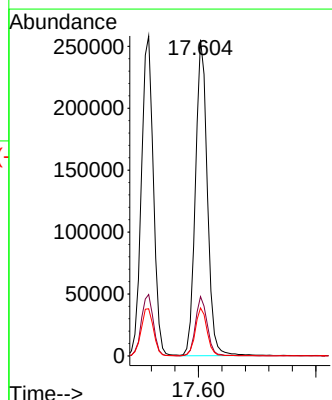
RT: 17.604 min Scan# 2451

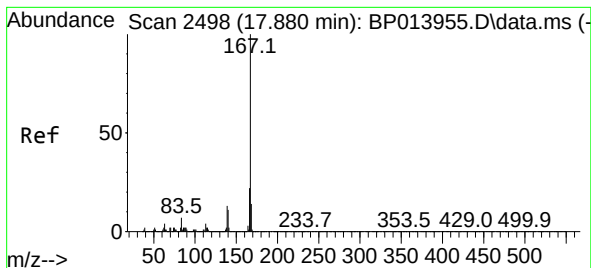
Delta R.T. -0.000 min

Lab File: BP014066.D

Acq: 13 Mar 2023 16:36

Tgt Ion:178 Resp: 358432
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.9 22.3
 179 15.1 12.1 18.1





#73

Carbazole

Concen: 10.816 ng

RT: 17.874 min Scan# 2498

Delta R.T. 0.006 min

Lab File: BP014066.D

Acq: 13 Mar 2023 16:36

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT1-2023

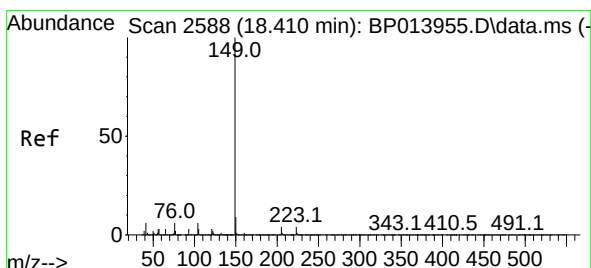
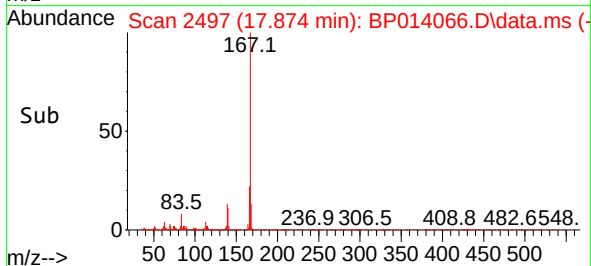
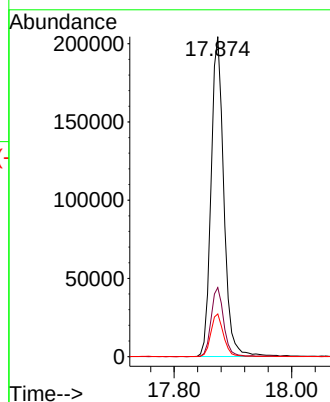
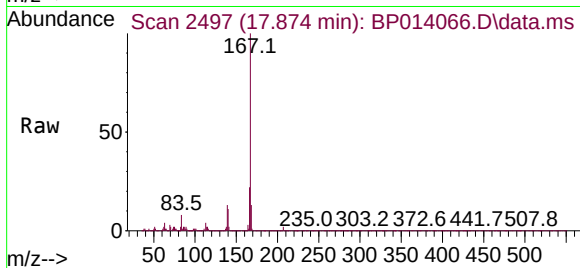
Tgt Ion:	167	Resp:	307885
Ion Ratio	Lower	Upper	
167	100		
166	21.6	17.2	25.8
139	13.3	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#74

Di-n-butylphthalate

Concen: 9.652 ng

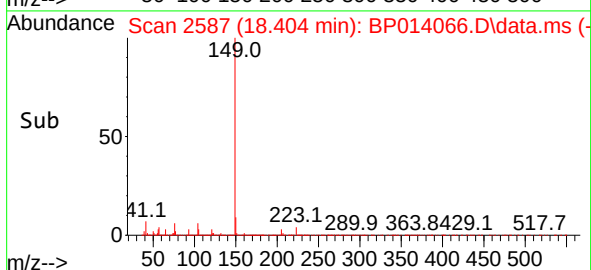
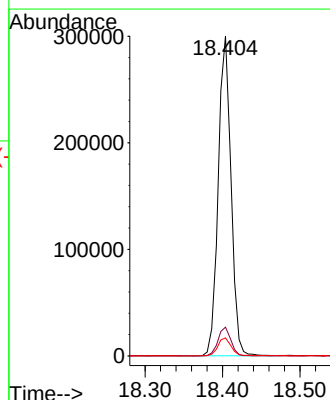
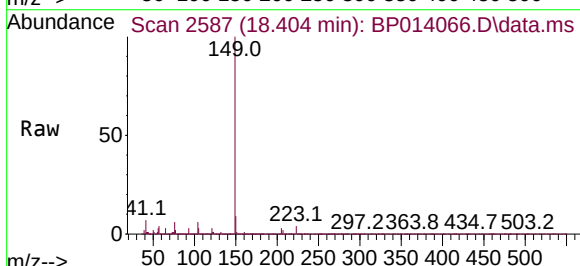
RT: 18.404 min Scan# 2587

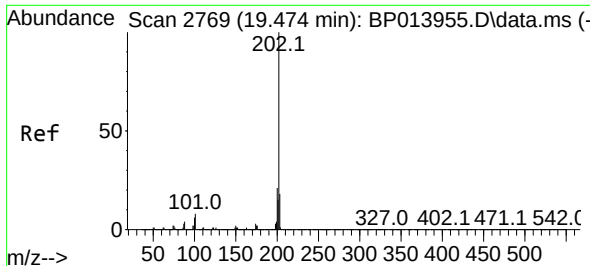
Delta R.T. 0.006 min

Lab File: BP014066.D

Acq: 13 Mar 2023 16:36

Tgt Ion:	149	Resp:	343521
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.2	10.8
104	5.6	4.6	7.0





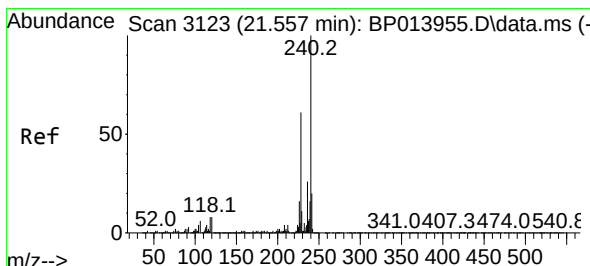
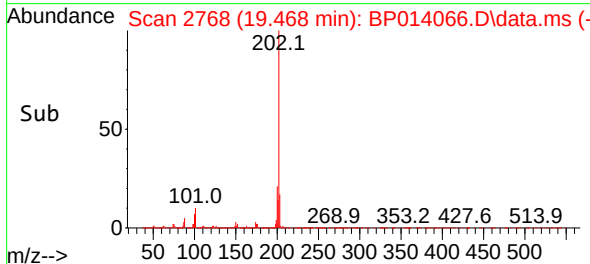
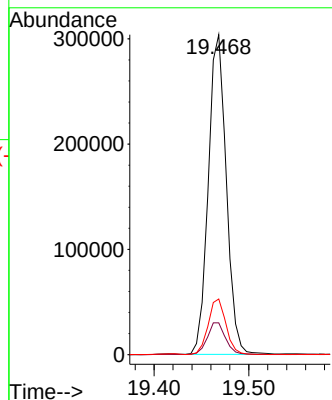
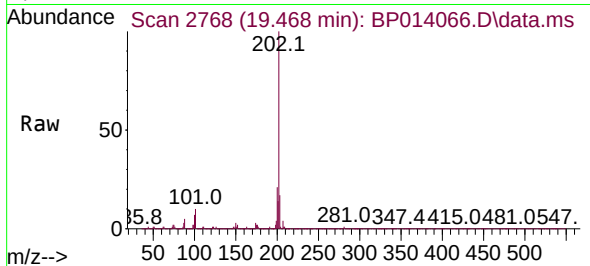
#75
Fluoranthene
Concen: 10.417 ng
RT: 19.468 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:202 Resp: 402136
Ion Ratio Lower Upper
202 100
101 9.9 0.0 27.9
203 17.4 0.0 37.7

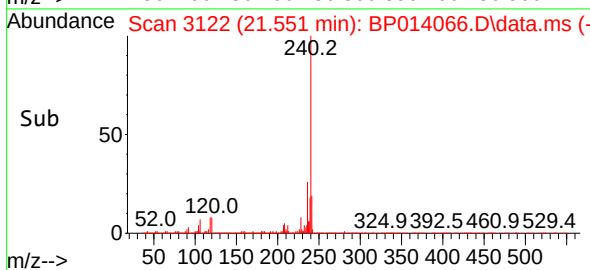
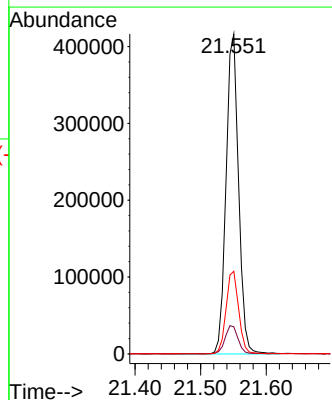
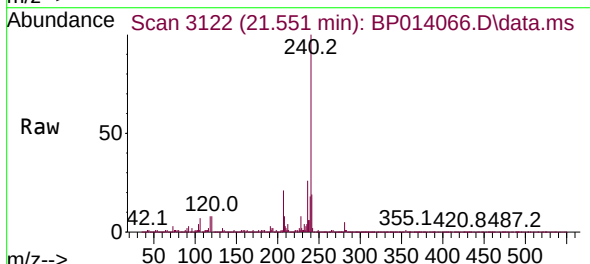
Manual Integrations
APPROVED

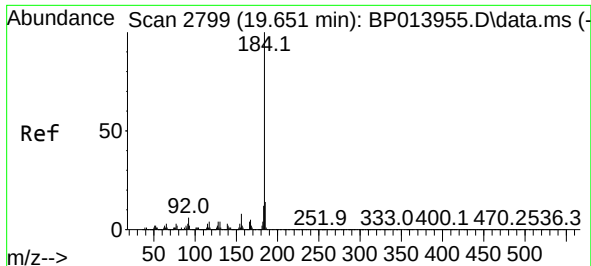
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.551 min Scan# 3122
Delta R.T. 0.006 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

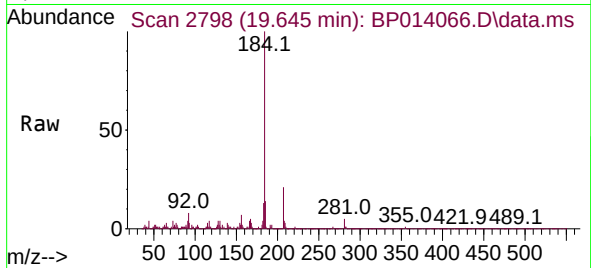
Tgt Ion:240 Resp: 552266
Ion Ratio Lower Upper
240 100
120 8.5 6.4 9.6
236 25.8 21.2 31.8





#77
Benzidine
Concen: 12.172 ng
RT: 19.645 min Scan# 2799
Delta R.T. 0.006 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

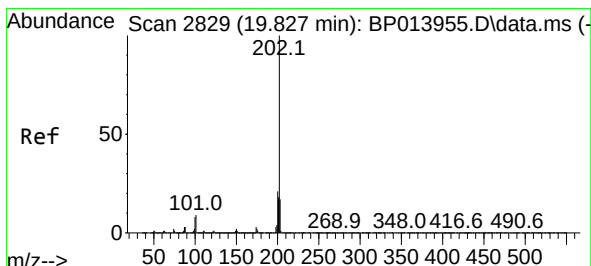
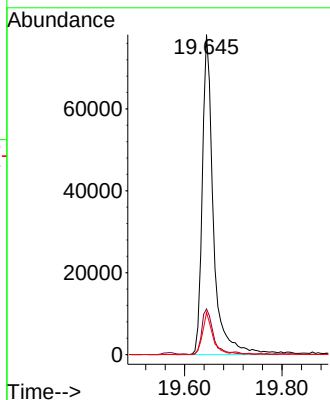
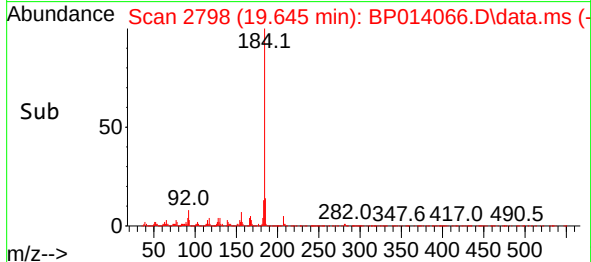
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:184 Resp: 123982
Ion Ratio Lower Upper
184 100
185 14.3 11.6 17.4
183 13.1 9.7 14.5

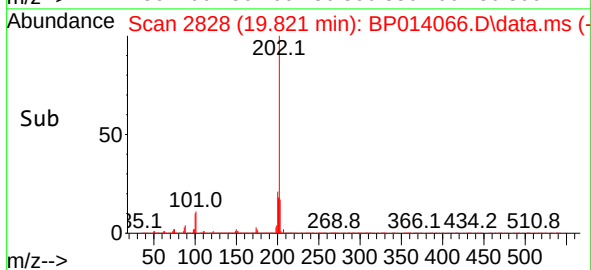
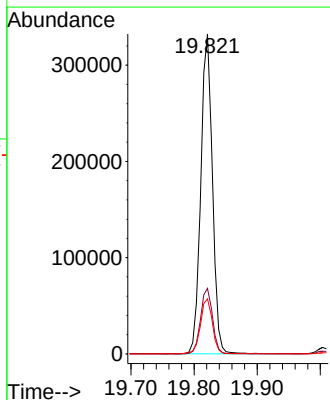
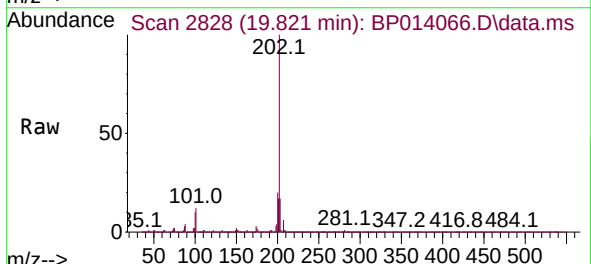
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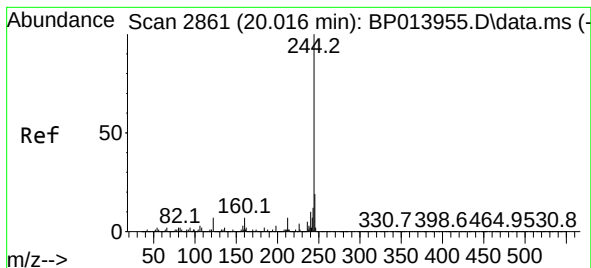
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#78
Pyrene
Concen: 10.032 ng
RT: 19.821 min Scan# 2828
Delta R.T. 0.006 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

Tgt Ion:202 Resp: 425251
Ion Ratio Lower Upper
202 100
200 20.5 16.9 25.3
203 17.2 13.9 20.9





#79

Terphenyl-d14

Concen: 62.044 ng

RT: 20.004 min Scan# 2861

Delta R.T. -0.000 min

Lab File: BP014066.D

Acq: 13 Mar 2023 16:36

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion:244 Resp: 2077979

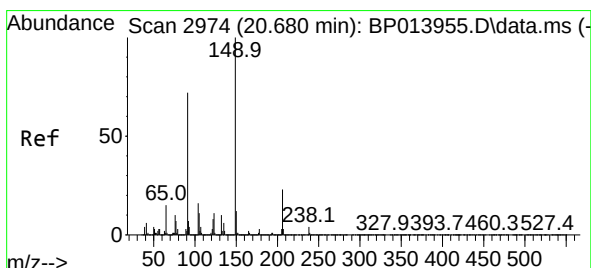
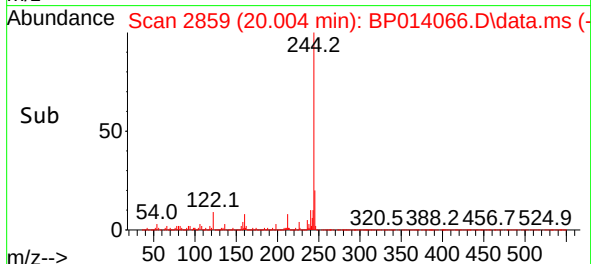
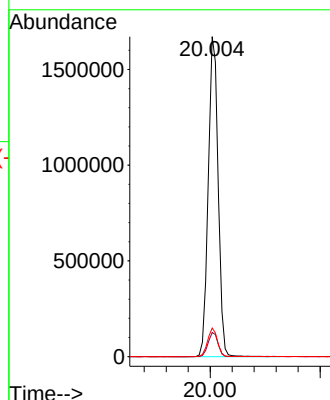
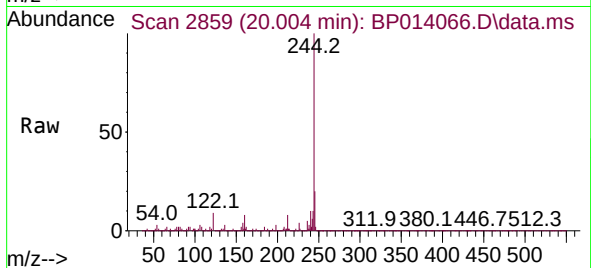
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	8.9	5.8	8.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#80

Butylbenzylphthalate

Concen: 8.784 ng

RT: 20.674 min Scan# 2973

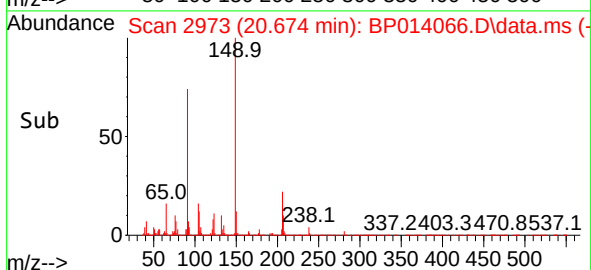
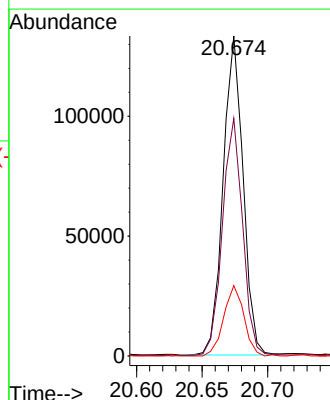
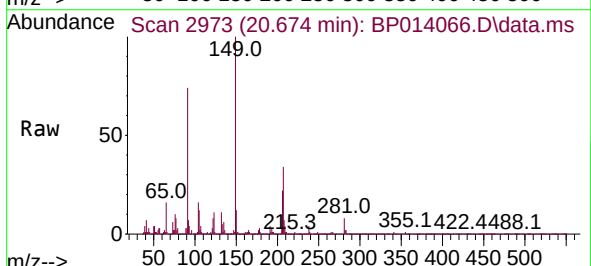
Delta R.T. 0.006 min

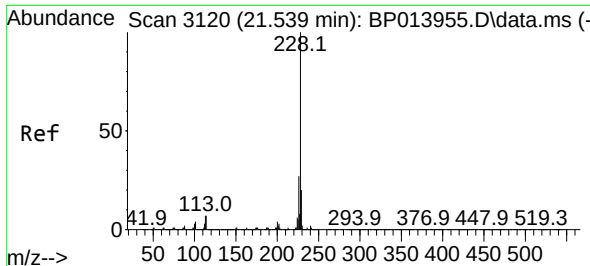
Lab File: BP014066.D

Acq: 13 Mar 2023 16:36

Tgt Ion:149 Resp: 141157

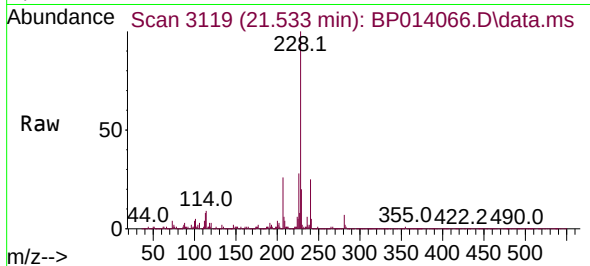
Ion	Ratio	Lower	Upper
149	100		
91	74.2	58.0	87.0
206	22.0	18.7	28.1





#81
Benzo(a)anthracene
Concen: 10.636 ng
RT: 21.533 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

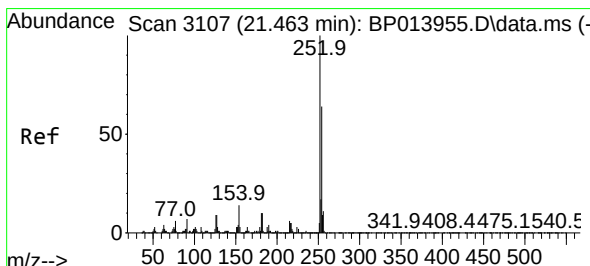
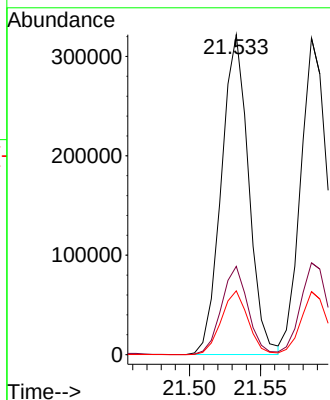
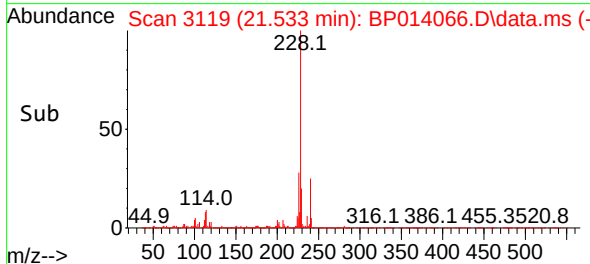
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2023



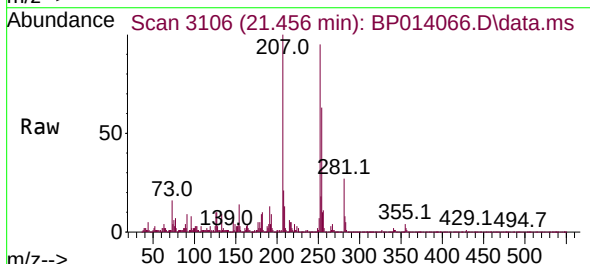
Tgt Ion:228 Resp: 431000
Ion Ratio Lower Upper
228 100
226 27.6 21.8 32.8
229 19.9 15.8 23.6

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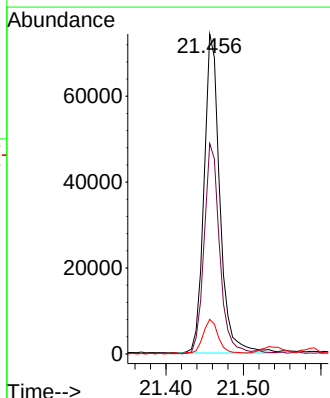
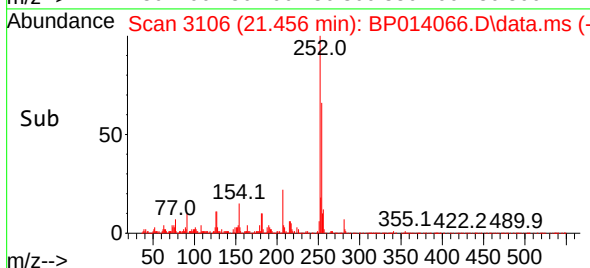
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

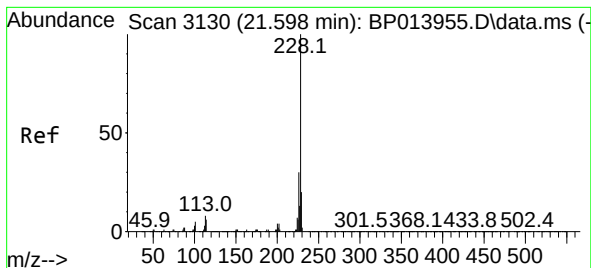


#82
3,3'-Dichlorobenzidine
Concen: 8.108 ng
RT: 21.456 min Scan# 3106
Delta R.T. 0.006 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36



Tgt Ion:252 Resp: 105127
Ion Ratio Lower Upper
252 100
254 65.7 51.0 76.6
126 10.8 7.0 10.6





#83

Chrysene

Concen: 10.983 ng

RT: 21.586 min Scan# 311

Delta R.T. -0.000 min

Lab File: BP014066.D

Acq: 13 Mar 2023 16:36

Instrument :

BNA_P

ClientSampleId :

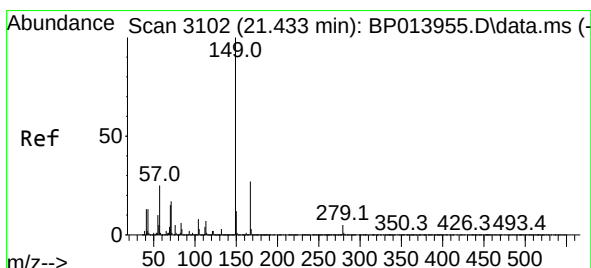
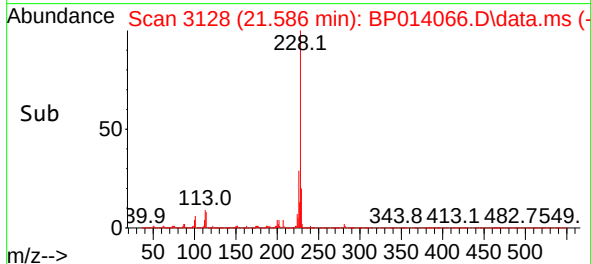
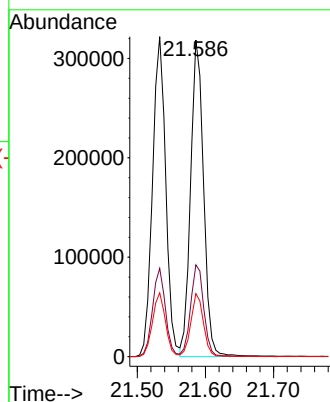
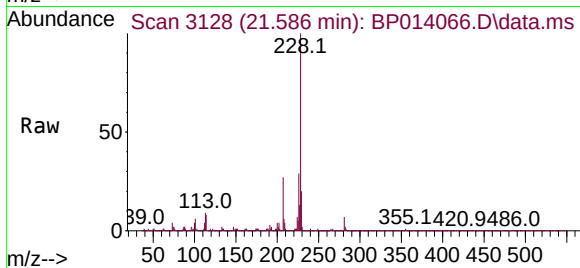
LOQ-WATER-02-QT1-2023

Tgt Ion:228 Resp: 421452
 Ion Ratio Lower Upper
 228 100
 226 29.0 24.2 36.4
 229 19.9 15.8 23.8

Manual Integrations

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.913 ng

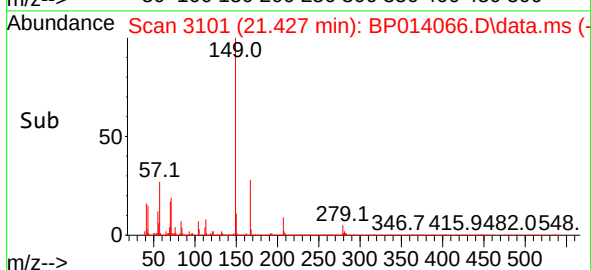
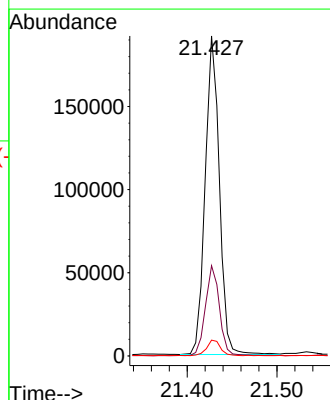
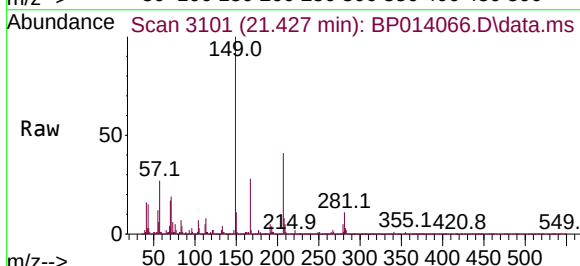
RT: 21.427 min Scan# 3101

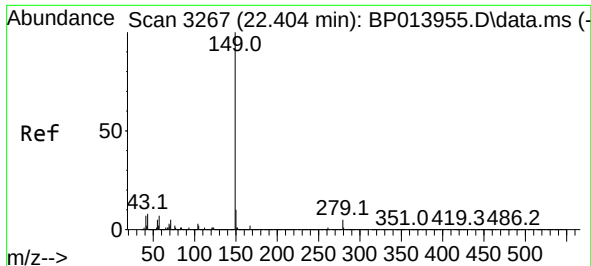
Delta R.T. 0.006 min

Lab File: BP014066.D

Acq: 13 Mar 2023 16:36

Tgt Ion:149 Resp: 210121
 Ion Ratio Lower Upper
 149 100
 167 28.2 21.8 32.6
 279 4.9 4.0 6.0





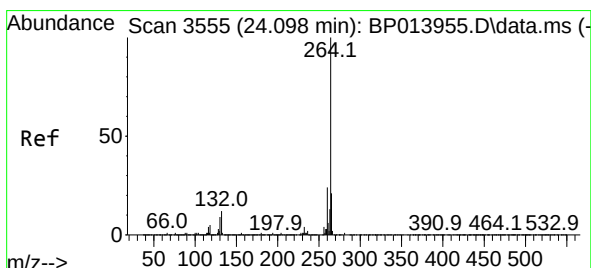
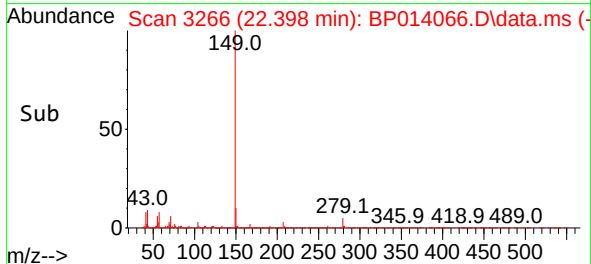
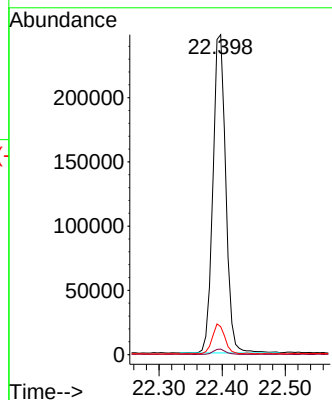
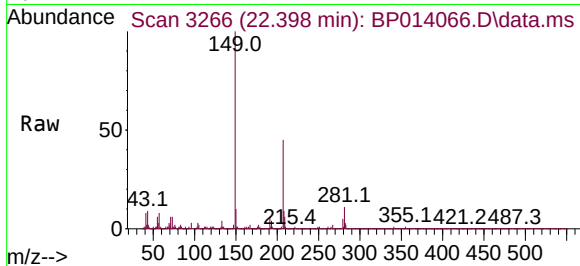
#85
Di-n-octyl phthalate
Concen: 9.174 ng
RT: 22.398 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:149 Resp: 351094
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.0 6.4 9.6

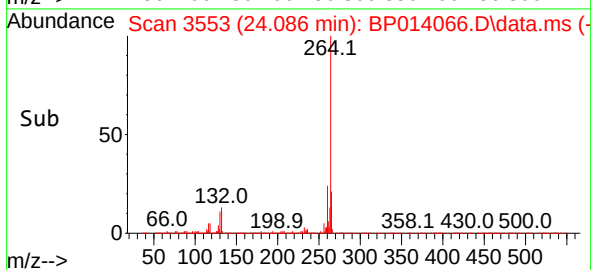
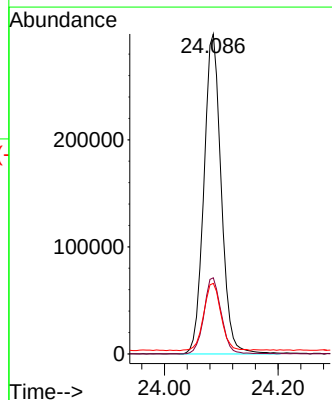
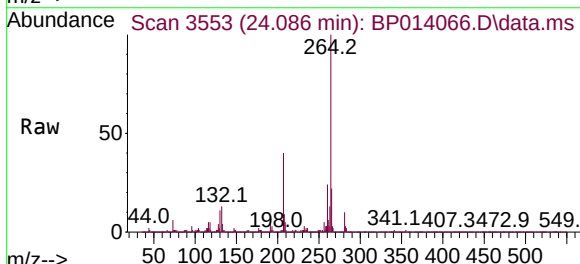
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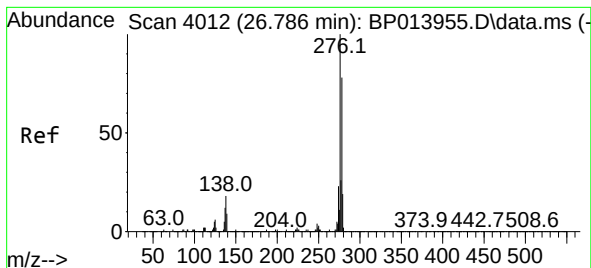
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.086 min Scan# 3553
Delta R.T. 0.006 min
Lab File: BP014066.D
Acq: 13 Mar 2023 16:36

Tgt Ion:264 Resp: 632348
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.2
265 22.0 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 11.381 ng

RT: 26.750 min Scan# 4012

Delta R.T. -0.000 min

Lab File: BP014066.D

Acq: 13 Mar 2023 16:36

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT1-2023

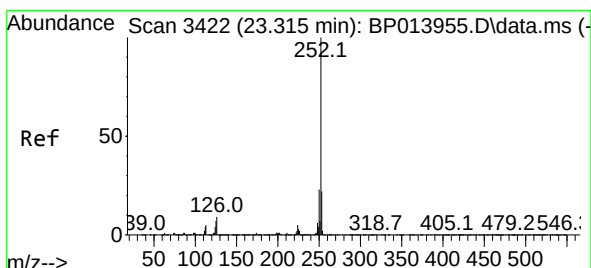
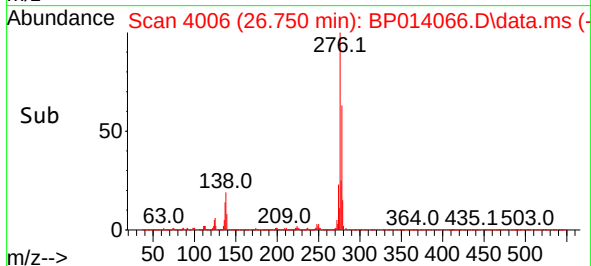
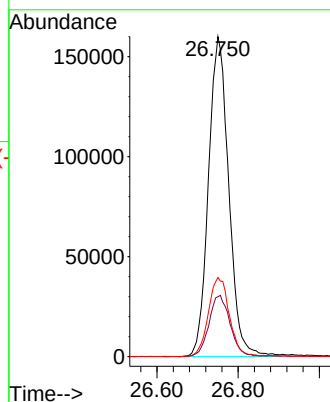
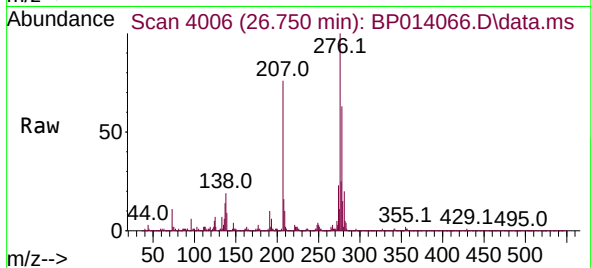
Tgt Ion:	276	Resp:	556094
Ion Ratio	Lower	Upper	
276	100		
138	20.0	13.8	20.8
277	25.5	20.4	30.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#88

Benzo(b)fluoranthene

Concen: 10.650 ng

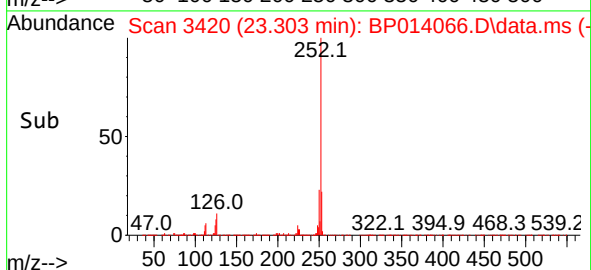
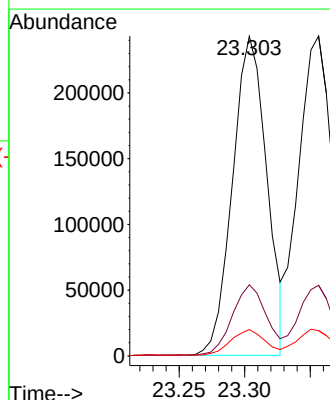
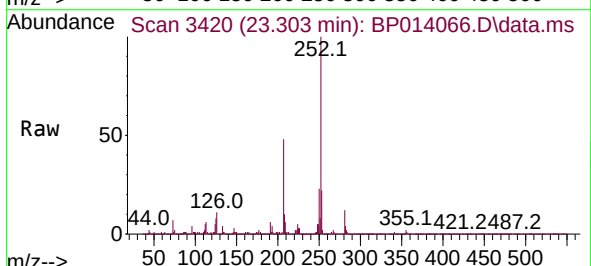
RT: 23.303 min Scan# 3420

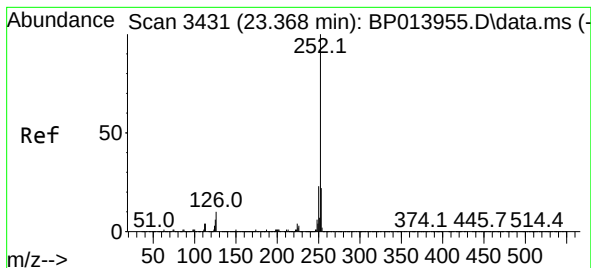
Delta R.T. 0.006 min

Lab File: BP014066.D

Acq: 13 Mar 2023 16:36

Tgt Ion:	252	Resp:	440975
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.5	26.3
125	8.2	5.6	8.4





#89

Benzo(k)fluoranthene

Concen: 11.046 ng

RT: 23.356 min Scan# 3431

Delta R.T. 0.006 min

Lab File: BP014066.D

Acq: 13 Mar 2023 16:36

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT1-2023

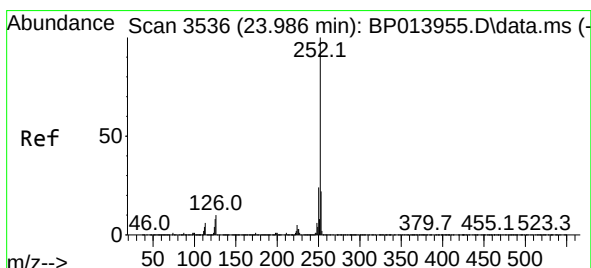
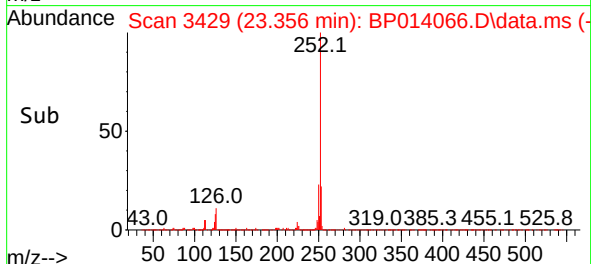
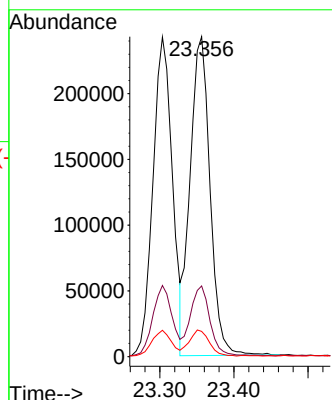
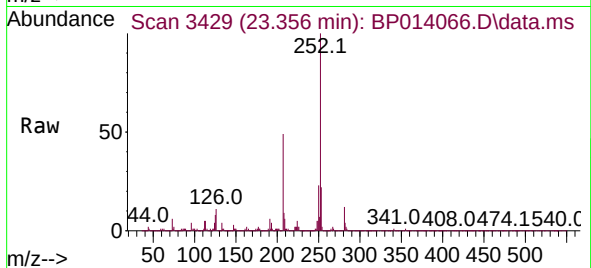
Tgt Ion:252	Resp: 453463
Ion Ratio	Lower Upper
252	100
253	22.1 17.4 26.0
125	7.9 5.4 8.0

Manual Integrations

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Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#90

Benzo(a)pyrene

Concen: 9.830 ng

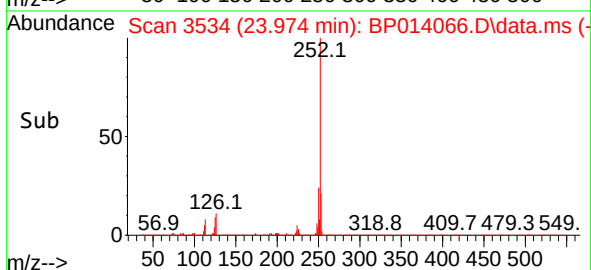
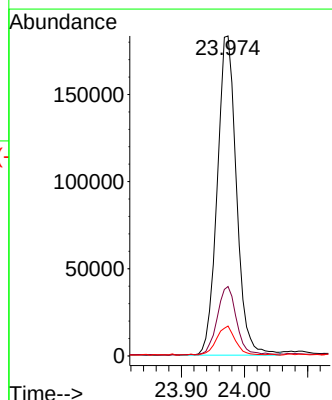
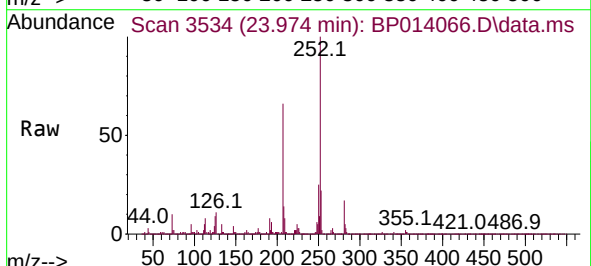
RT: 23.974 min Scan# 3534

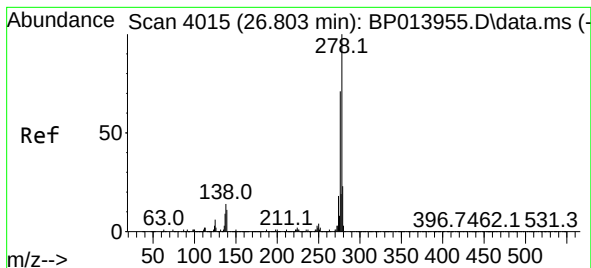
Delta R.T. 0.006 min

Lab File: BP014066.D

Acq: 13 Mar 2023 16:36

Tgt Ion:252	Resp: 388222
Ion Ratio	Lower Upper
252	100
253	21.7 17.4 26.2
125	9.3 6.2 9.4





#91

Dibenzo(a,h)anthracene

Concen: 11.430 ng

RT: 26.768 min Scan# 4015

Delta R.T. 0.006 min

Lab File: BP014066.D

Acq: 13 Mar 2023 16:36

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT1-2023

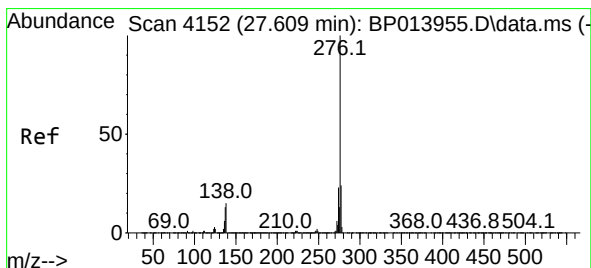
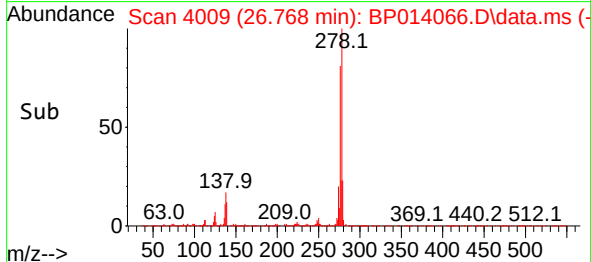
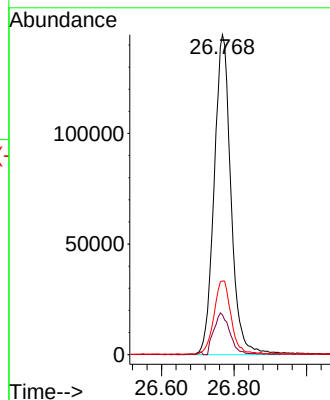
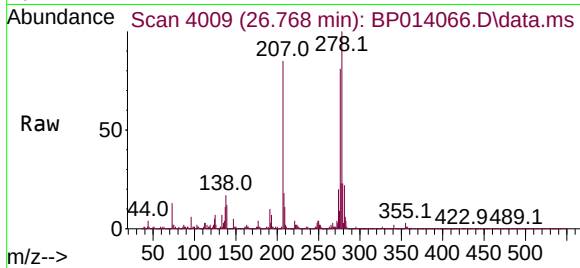
Tgt Ion:	278	Resp:	464294
Ion Ratio	Lower	Upper	
278	100		
139	12.4	8.7	13.1
279	23.0	18.8	28.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#92

Benzo(g,h,i)perylene

Concen: 11.442 ng

RT: 27.568 min Scan# 4145

Delta R.T. -0.000 min

Lab File: BP014066.D

Acq: 13 Mar 2023 16:36

Tgt Ion:	276	Resp:	460612
Ion Ratio	Lower	Upper	
276	100		
277	25.3	19.4	29.0
138	16.7	12.2	18.4

