

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031323\
 Data File : BP014068.D
 Acq On : 13 Mar 2023 17:59
 Operator : CG/JU
 Sample : 01627-08
 Misc : LOQ-WATER-5ppm
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Mar 14 04:20:51 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	160667	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	564444	20.000	ng	# 0.00
39) Acenaphthene-d10	14.716	164	331505	20.000	ng	0.00
64) Phenanthrene-d10	17.469	188	664135	20.000	ng	# 0.00
76) Chrysene-d12	21.545	240	547113	20.000	ng	0.00
86) Perylene-d12	24.080	264	531068	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	1034920	104.463	ng	0.00
7) Phenol-d6	7.228	99	1336828	102.776	ng	0.00
23) Nitrobenzene-d5	9.252	82	967338	78.330	ng	0.00
42) 2,4,6-Tribromophenol	16.204	330	505209	93.995	ng	0.00
45) 2-Fluorobiphenyl	13.340	172	1964197	76.764	ng	0.00
79) Terphenyl-d14	20.004	244	2473963	74.563	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.469	88	19955	4.636	ng	93
3) Pyridine	3.899	79	53685m	4.492	ng	
4) n-Nitrosodimethylamine	3.799	42	26775	5.047	ng	# 98
6) Aniline	7.399	93	89203	5.221	ng	94
8) 2-Chlorophenol	7.634	128	55594	5.239	ng	93
9) Benzaldehyde	7.210	77	46396	7.128	ng	98
10) Phenol	7.257	94	73843	5.455	ng	99
11) bis(2-Chloroethyl)ether	7.493	93	58901	5.495	ng	95
12) 1,3-Dichlorobenzene	7.963	146	64274	5.512	ng	97
13) 1,4-Dichlorobenzene	8.110	146	66510	5.638	ng	95
14) 1,2-Dichlorobenzene	8.434	146	64207	5.683	ng	98
15) Benzyl Alcohol	8.322	79	50546	4.766	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.599	45	71982	6.168	ng	96
17) 2-Methylphenol	8.522	107	46366	4.802	ng	98
18) Hexachloroethane	9.163	117	23519	5.307	ng	98
19) n-Nitroso-di-n-propyla...	8.887	70	44345	5.180	ng	95
20) 3+4-Methylphenols	8.852	107	58419	4.493	ng	98
22) Acetophenone	8.910	105	69743	4.405	ng	# 98
24) Nitrobenzene	9.293	77	73380	5.807	ng	99
25) Isophorone	9.816	82	113943	5.007	ng	97
26) 2-Nitrophenol	10.010	139	25284	4.600	ng	91
27) 2,4-Dimethylphenol	10.057	122	46720	5.228	ng	97
28) bis(2-Chloroethoxy)met...	10.299	93	73243	5.561	ng	97
29) 2,4-Dichlorophenol	10.551	162	47123	4.817	ng	98
30) 1,2,4-Trichlorobenzene	10.757	180	61319	5.521	ng	99
31) Naphthalene	10.951	128	172310	5.556	ng	98
32) Benzoic acid	10.157	122	9457m	3.906	ng	
33) 4-Chloroaniline	11.069	127	64535	4.854	ng	97
34) Hexachlorobutadiene	11.228	225	41710	5.165	ng	98
35) Caprolactam	11.845	113	9010m	3.218	ng	
36) 4-Chloro-3-methylphenol	12.175	107	52333	4.797	ng	98
37) 2-Methylnaphthalene	12.545	142	116468	5.090	ng	97
38) 1-Methylnaphthalene	12.769	142	106558	4.996	ng	94
40) 1,2,4,5-Tetrachloroben...	12.910	216	55435	4.387	ng	98
41) Hexachlorocyclopentadiene	12.887	237	37478	4.726	ng	98
43) 2,4,6-Trichlorophenol	13.151	196	38952	4.877	ng	96

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

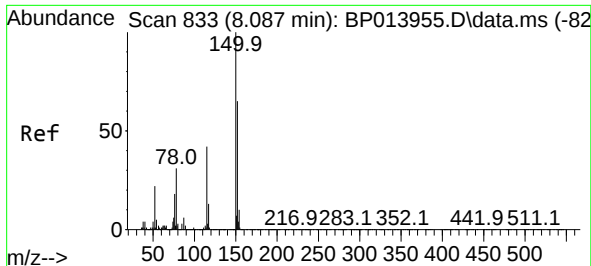
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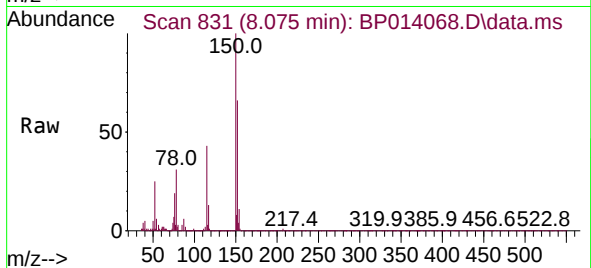
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.228	196	42121	4.551	ng	97
46) 1,1'-Biphenyl	13.545	154	124216	4.655	ng	99
47) 2-Chloronaphthalene	13.592	162	119088	5.797	ng	99
48) 2-Nitroaniline	13.804	65	28786	4.618	ng	98
49) Acenaphthylene	14.439	152	168802	5.167	ng	100
50) Dimethylphthalate	14.163	163	143789	5.258	ng	99
51) 2,6-Dinitrotoluene	14.287	165	26728	4.641	ng	96
52) Acenaphthene	14.775	154	108089	5.497	ng	99
53) 3-Nitroaniline	14.628	138	24576	4.354	ng	97
54) 2,4-Dinitrophenol	14.834	184	10861	5.524	ng	89
55) Dibenzofuran	15.110	168	180827	5.641	ng	98
56) 4-Nitrophenol	14.939	139	15713	3.419	ng	# 85
57) 2,4-Dinitrotoluene	15.075	165	32215	4.185	ng	# 96
58) Fluorene	15.763	166	138188	5.429	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.339	232	36747	4.551	ng	94
60) Diethylphthalate	15.522	149	134247	4.972	ng	99
61) 4-Chlorophenyl-phenyle...	15.751	204	75055	5.201	ng	97
62) 4-Nitroaniline	15.786	138	22605	4.022	ng	# 85
63) Azobenzene	16.045	77	127317	5.095	ng	97
65) 4,6-Dinitro-2-methylph...	15.839	198	16992	3.454	ng	94
66) n-Nitrosodiphenylamine	15.963	169	114032	5.434	ng	98
67) 4-Bromophenyl-phenylether	16.651	248	43343	4.934	ng	97
68) Hexachlorobenzene	16.769	284	51717	5.492	ng	98
69) Atrazine	16.916	200	29491	4.003	ng	96
70) Pentachlorophenol	17.122	266	24947m	3.674	ng	
71) Phenanthrene	17.510	178	208317	5.615	ng	99
72) Anthracene	17.604	178	197699	5.215	ng	100
73) Carbazole	17.869	167	167082	5.109	ng	98
74) Di-n-butylphthalate	18.398	149	182008	4.452	ng	99
75) Fluoranthene	19.463	202	214072	4.827	ng	97
77) Benzidine	19.645	184	68213	7.969	ng	97
78) Pyrene	19.816	202	227581	5.420	ng	99
80) Butylbenzylphthalate	20.669	149	67544	4.243	ng	94
81) Benzo(a)anthracene	21.527	228	208598	5.196	ng	99
82) 3,3'-Dichlorobenzidine	21.457	252	53396	4.157	ng	99
83) Chrysene	21.586	228	208884	5.495	ng	98
84) Bis(2-ethylhexyl)phtha...	21.427	149	91507	3.918	ng	98
85) Di-n-octyl phthalate	22.392	149	140134	3.696	ng	96
87) Indeno(1,2,3-cd)pyrene	26.751	276	217421	5.299	ng	97
88) Benzo(b)fluoranthene	23.298	252	191840	5.517	ng	# 97
89) Benzo(k)fluoranthene	23.351	252	186295	5.403	ng	# 99
90) Benzo(a)pyrene	23.968	252	157007	4.734	ng	# 95
91) Dibenzo(a,h)anthracene	26.762	278	180190	5.282	ng	# 95
92) Benzo(g,h,i)perylene	27.568	276	179330	5.304	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.075 min Scan# 831
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

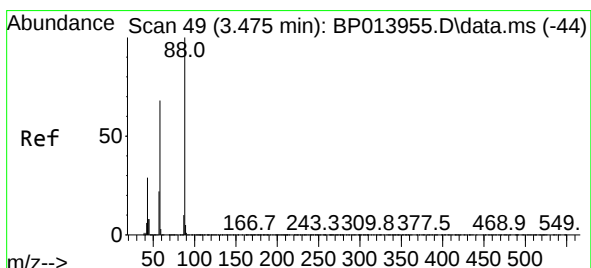
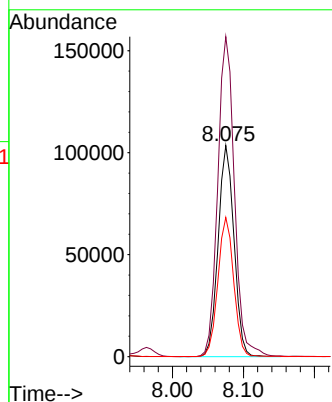
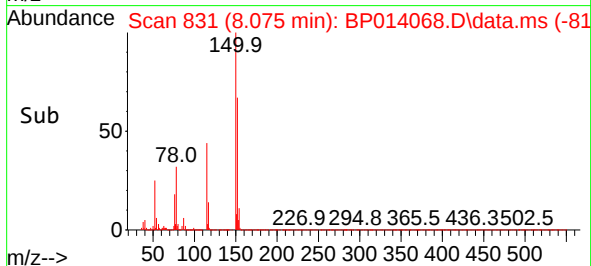
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 152 Resp: 160662
Ion Ratio Lower Upper
152 100
150 151.6 122.3 183.5
115 65.9 51.6 77.4

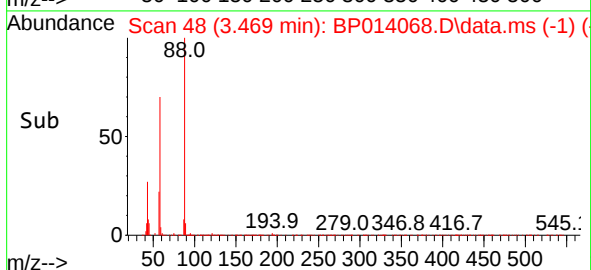
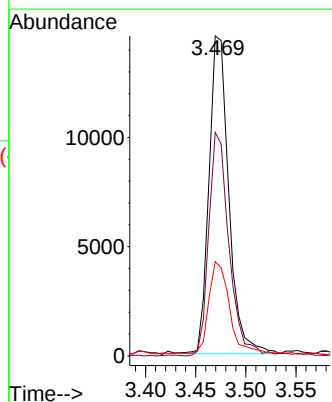
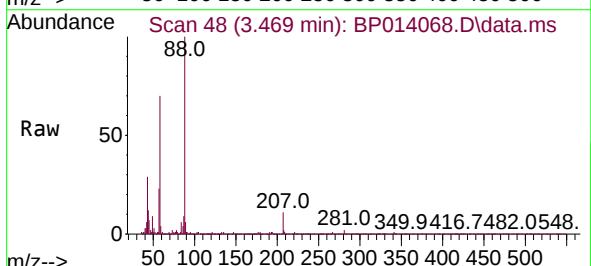
Manual Integrations
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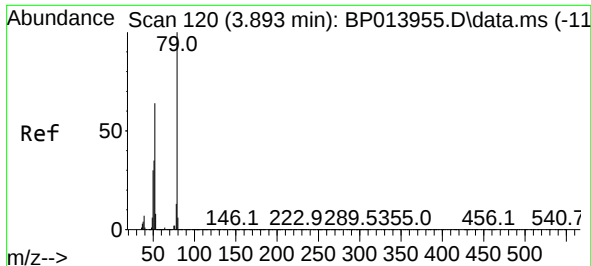
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#2
1,4-Dioxane
Concen: 4.636 ng
RT: 3.469 min Scan# 48
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

Tgt Ion: 88 Resp: 19955
Ion Ratio Lower Upper
88 100
58 73.3 53.8 80.8
43 30.9 22.1 33.1





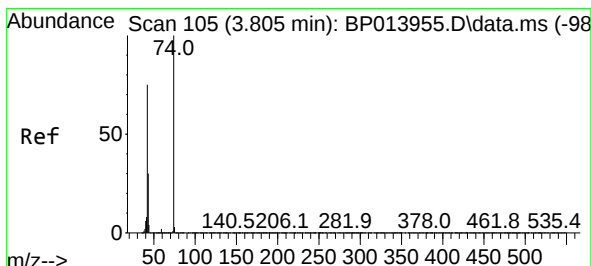
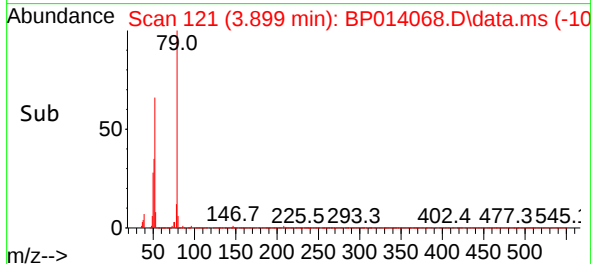
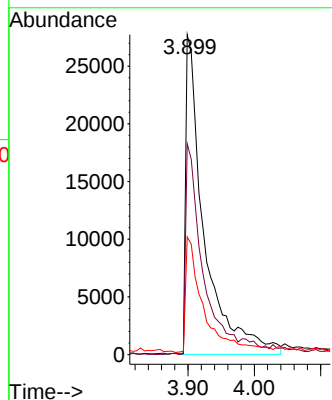
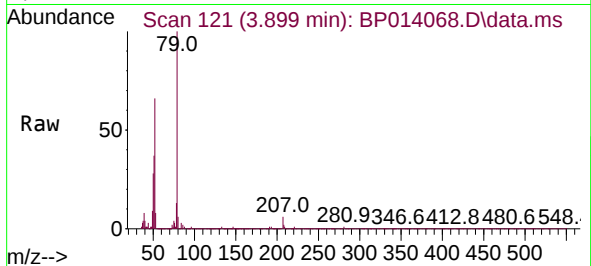
#3
Pyridine
Concen: 4.492 ng m
RT: 3.899 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

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

Tgt Ion: 79 Resp: 53685
Ion Ratio Lower Upper
79 100
52 65.9 51.0 76.4
51 36.8 28.2 42.2

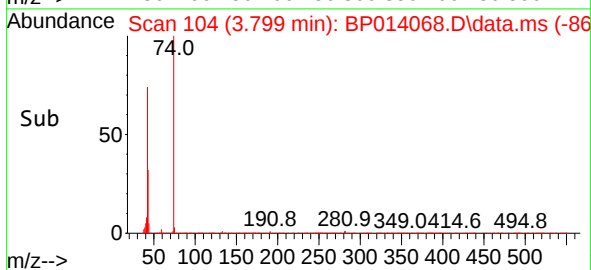
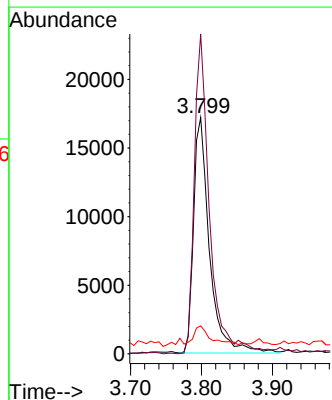
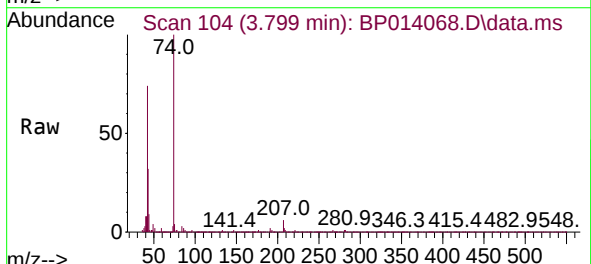
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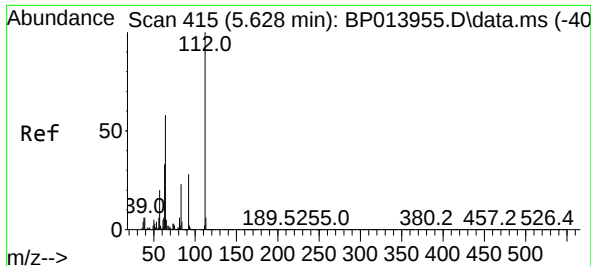
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#4
n-Nitrosodimethylamine
Concen: 5.047 ng
RT: 3.799 min Scan# 104
Delta R.T. 0.006 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

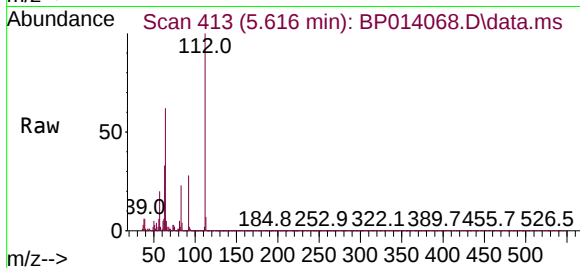
Tgt Ion: 42 Resp: 26775
Ion Ratio Lower Upper
42 100
74 135.3 107.0 160.6
44 11.9 4.5 6.7#





#5
2-Fluorophenol
Concen: 104.463 ng
RT: 5.616 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

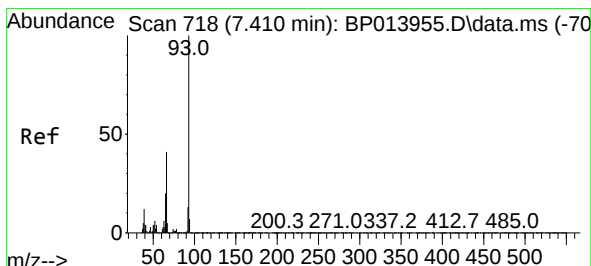
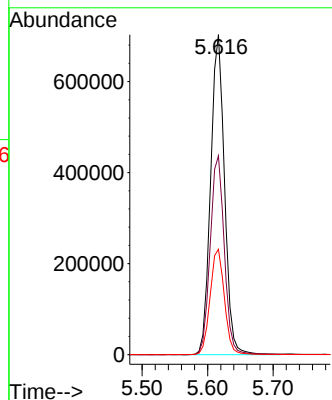
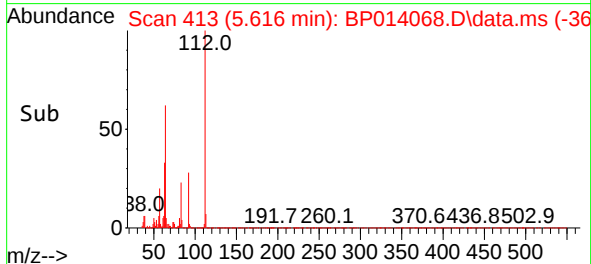
Instrument :
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ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:112 Resp: 1034920
Ion Ratio Lower Upper
112 100
64 62.1 46.7 70.1
63 32.9 26.6 40.0

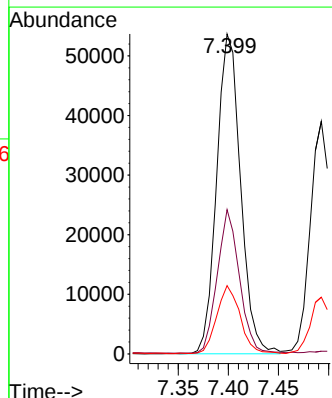
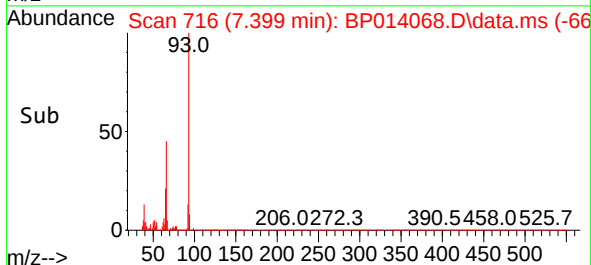
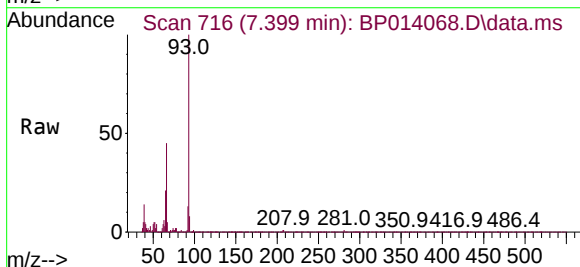
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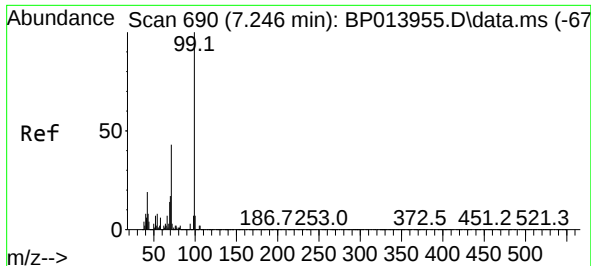
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#6
Aniline
Concen: 5.221 ng
RT: 7.399 min Scan# 716
Delta R.T. 0.000 min
Lab File: BP014068.D
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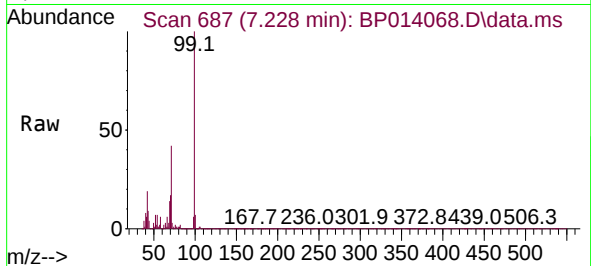
Tgt Ion: 93 Resp: 89203
Ion Ratio Lower Upper
93 100
66 45.1 32.6 48.8
65 21.3 16.0 24.0





#7
Phenol-d6
Concen: 102.776 ng
RT: 7.228 min Scan# 687
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

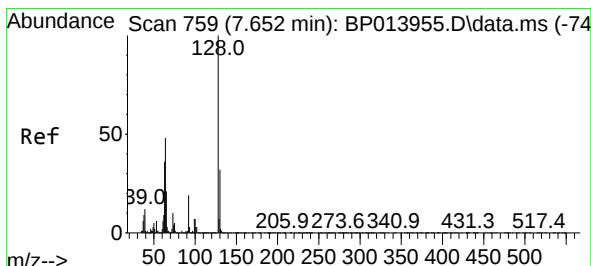
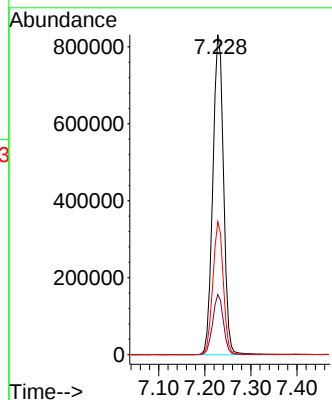
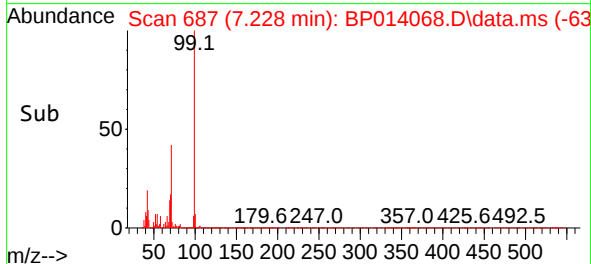
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 99 Resp: 1336828
Ion Ratio Lower Upper
99 100
42 18.8 15.0 22.6
71 41.5 34.3 51.5

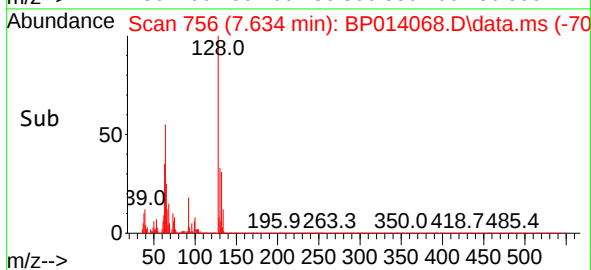
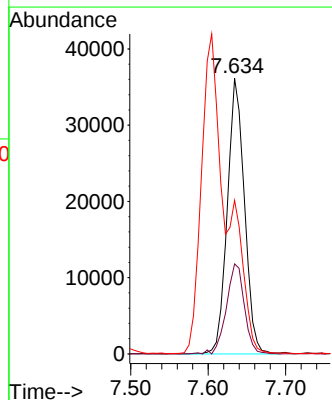
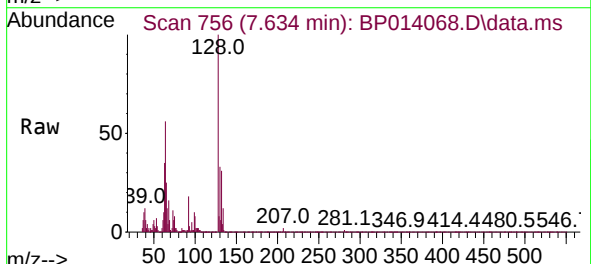
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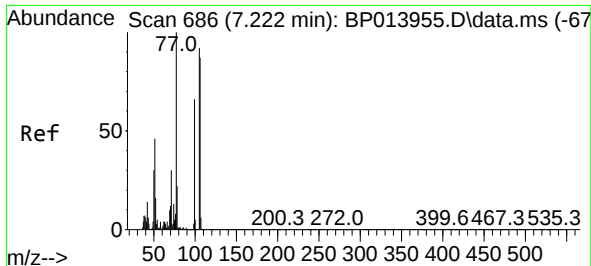
Reviewed By :Christian Giraldo 03/14/2023
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#8
2-Chlorophenol
Concen: 5.239 ng
RT: 7.634 min Scan# 756
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

Tgt Ion:128 Resp: 55594
Ion Ratio Lower Upper
128 100
130 32.7 12.3 52.3
64 55.7 27.6 67.6





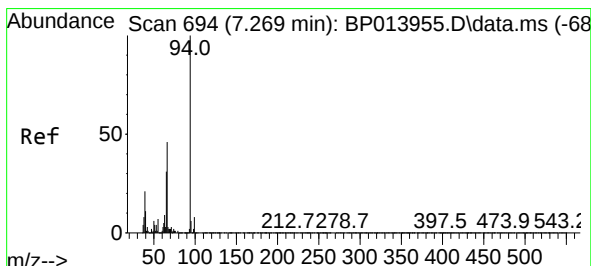
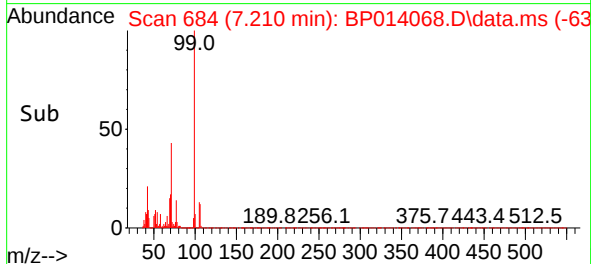
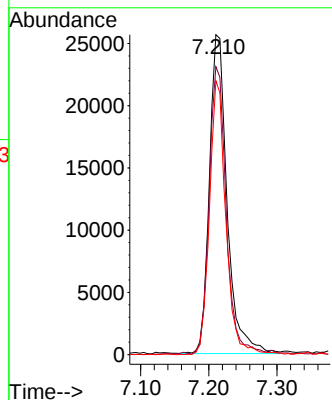
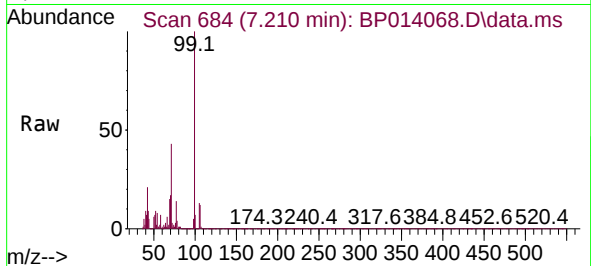
#9
Benzaldehyde
Concen: 7.128 ng
RT: 7.210 min Scan# 681
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 77 Resp: 46396
Ion Ratio Lower Upper
77 100
105 90.0 72.4 112.4
106 85.6 66.9 106.9

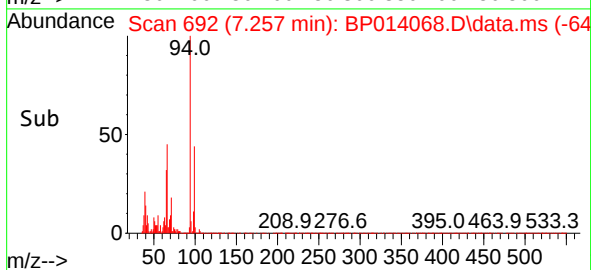
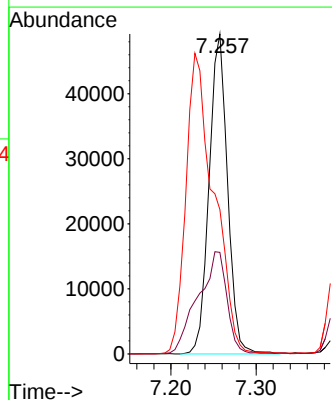
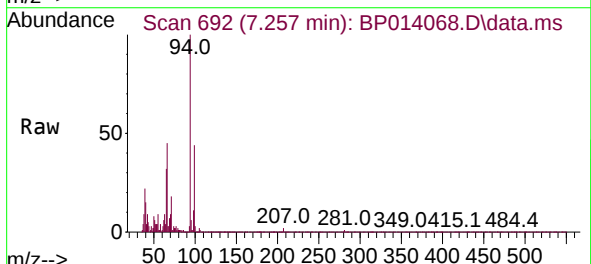
Manual Integrations
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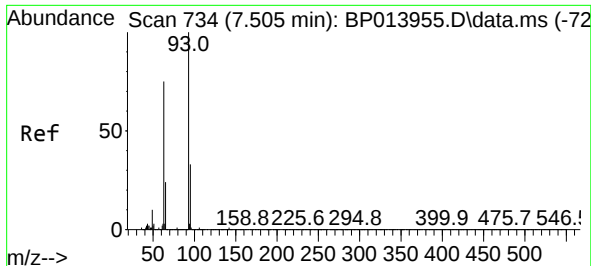
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Supervised By :Jagrut Upadhyay 03/14/2023



#10
Phenol
Concen: 5.455 ng
RT: 7.257 min Scan# 692
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

Tgt Ion: 94 Resp: 73843
Ion Ratio Lower Upper
94 100
65 31.7 10.9 50.9
66 45.1 26.1 66.1





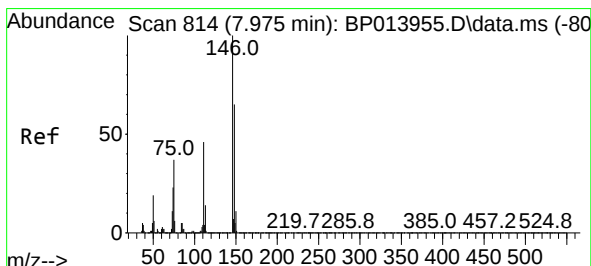
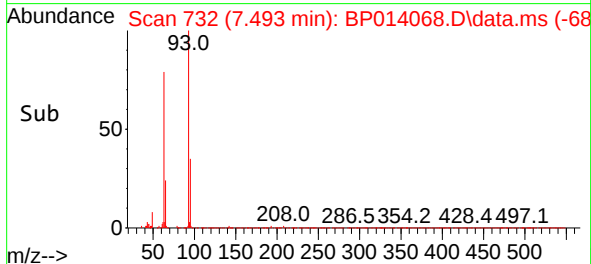
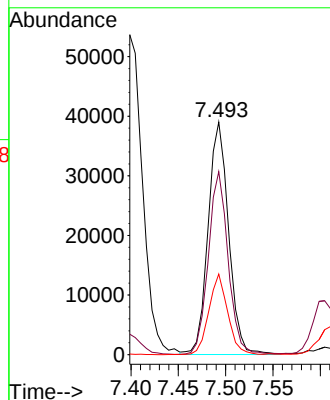
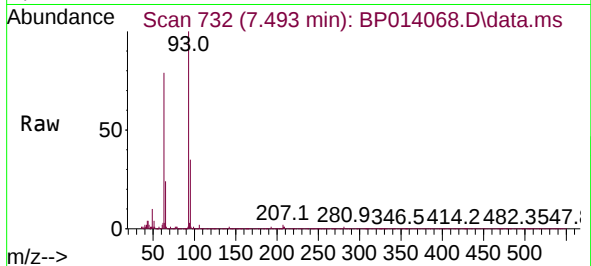
#11
bis(2-Chloroethyl)ether
Concen: 5.495 ng
RT: 7.493 min Scan# 734
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

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

Tgt Ion: 93 Resp: 58901
Ion Ratio Lower Upper
93 100
63 78.7 54.2 94.2
95 34.6 12.7 52.7

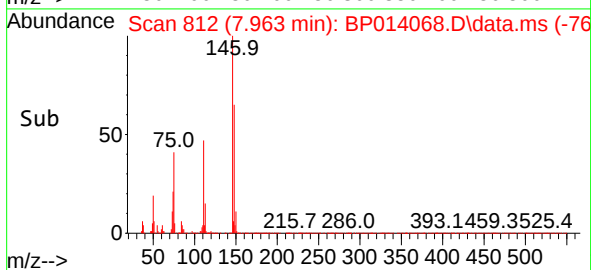
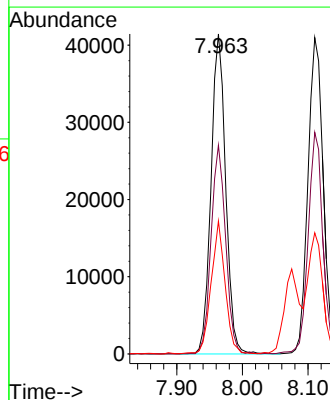
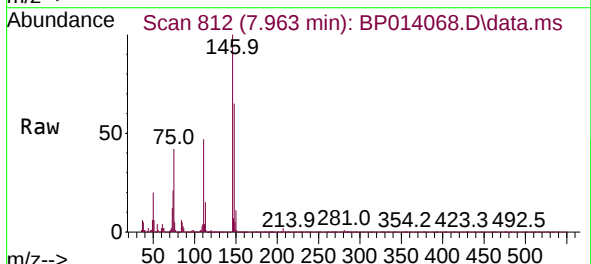
Manual Integrations
APPROVED

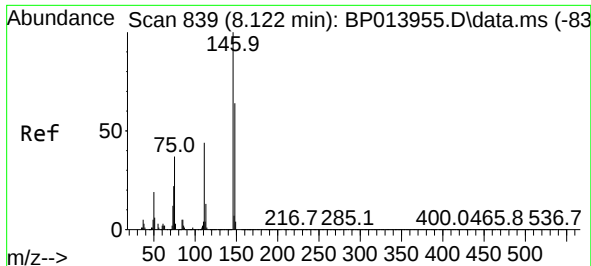
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#12
1,3-Dichlorobenzene
Concen: 5.512 ng
RT: 7.963 min Scan# 812
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

Tgt Ion:146 Resp: 64274
Ion Ratio Lower Upper
146 100
148 65.2 52.1 78.1
75 41.5 29.4 44.0





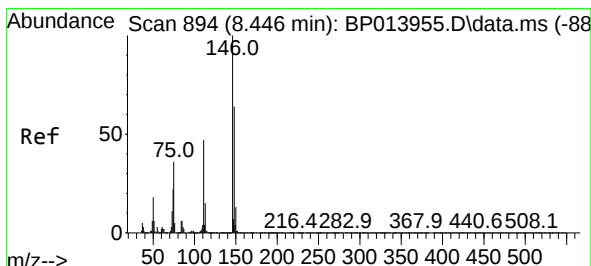
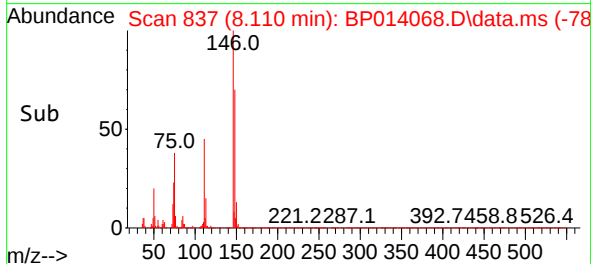
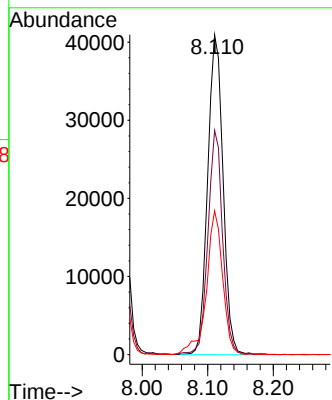
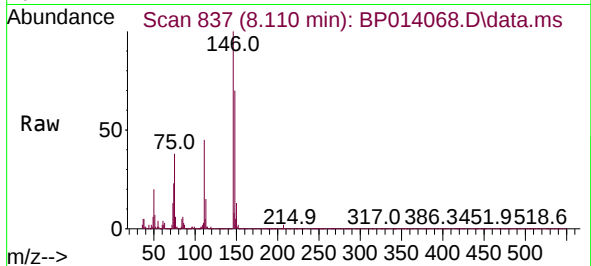
#13
1,4-Dichlorobenzene
Concen: 5.638 ng
RT: 8.110 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

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

Tgt Ion:146 Resp: 66510
Ion Ratio Lower Upper
146 100
148 70.1 51.4 77.2
111 44.9 35.1 52.7

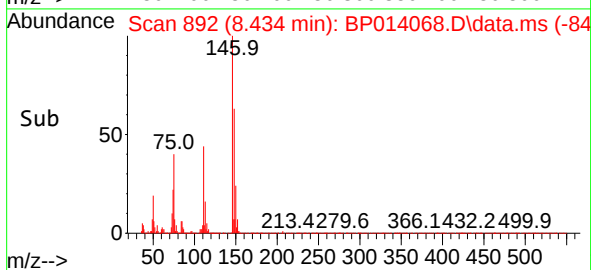
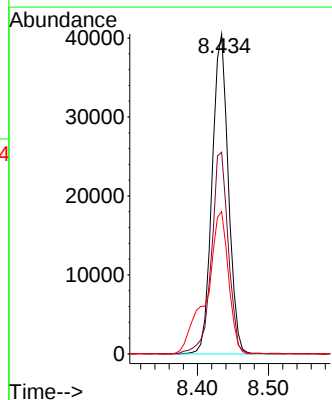
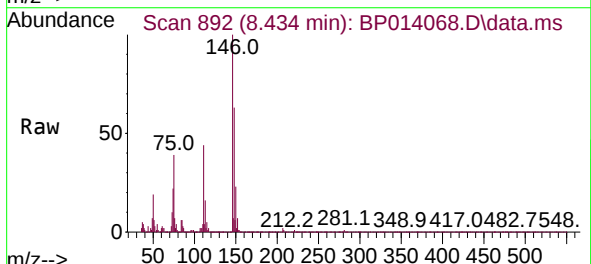
Manual Integrations
APPROVED

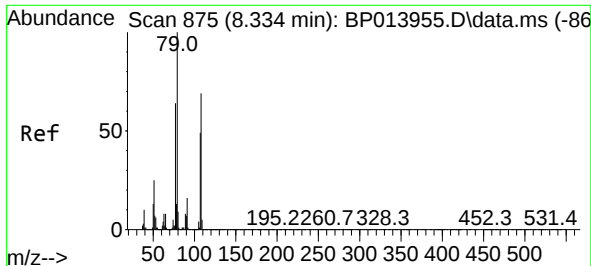
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#14
1,2-Dichlorobenzene
Concen: 5.683 ng
RT: 8.434 min Scan# 892
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

Tgt Ion:146 Resp: 64207
Ion Ratio Lower Upper
146 100
148 63.0 51.4 77.0
111 44.5 37.2 55.8





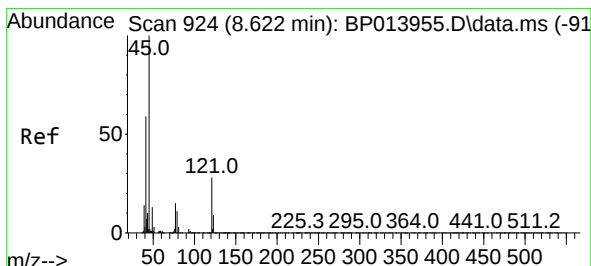
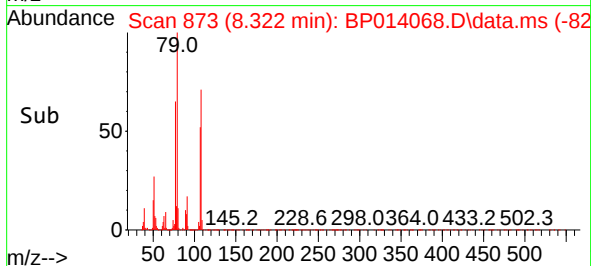
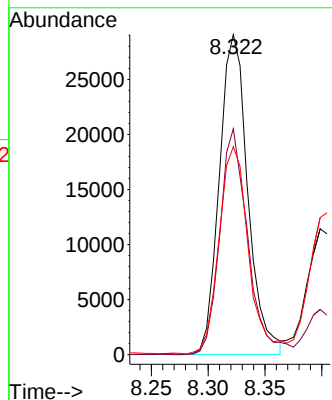
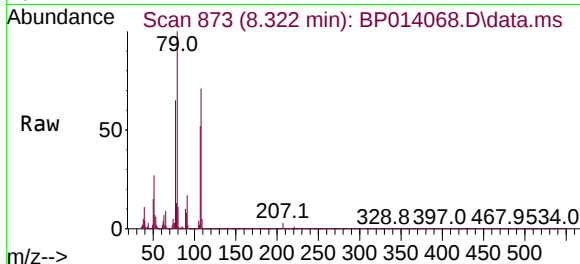
#15
Benzyl Alcohol
Concen: 4.766 ng
RT: 8.322 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

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

Tgt Ion: 79 Resp: 50546
Ion Ratio Lower Upper
79 100
108 70.6 54.9 82.3
77 65.0 51.4 77.0

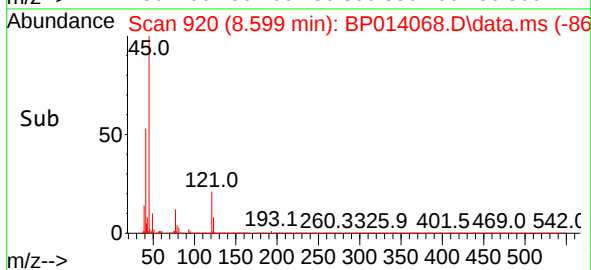
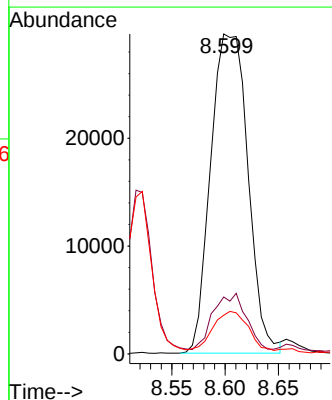
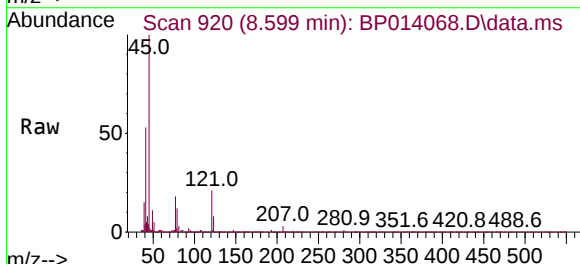
Manual Integrations
APPROVED

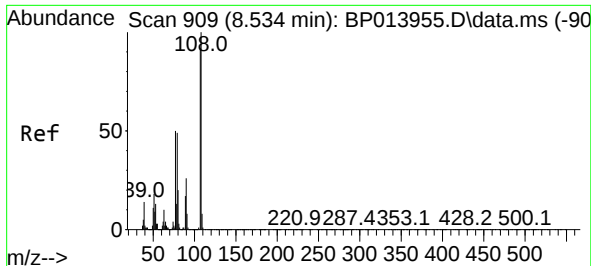
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.168 ng
RT: 8.599 min Scan# 920
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

Tgt Ion: 45 Resp: 71982
Ion Ratio Lower Upper
45 100
77 17.8 0.0 38.7
79 12.1 0.0 34.4





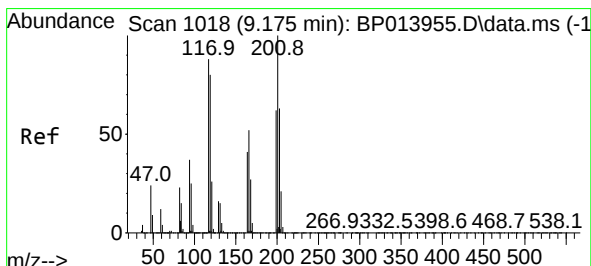
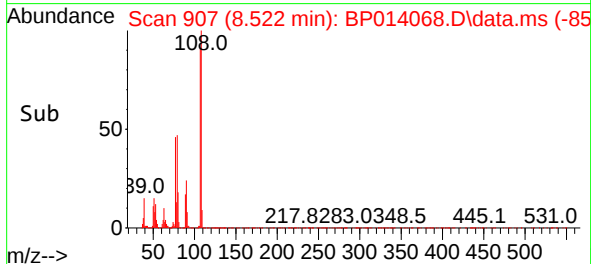
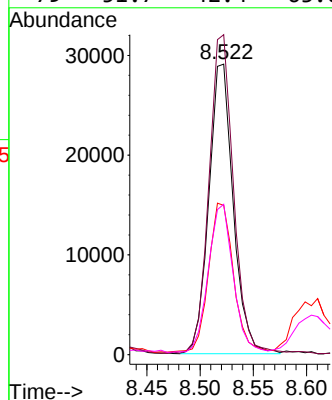
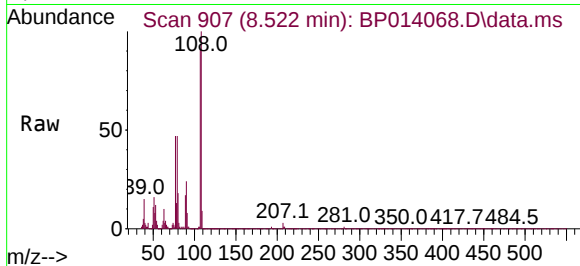
#17
2-Methylphenol
Concen: 4.802 ng
RT: 8.522 min Scan# 909
Delta R.T. 0.006 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

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

Tgt Ion:107 Resp: 46366
Ion Ratio Lower Upper
107 100
108 110.1 87.0 130.4
77 51.3 44.0 66.0
79 51.7 42.4 63.6

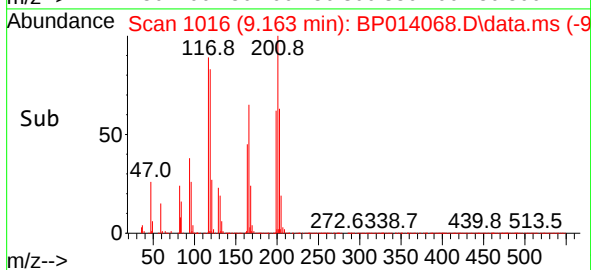
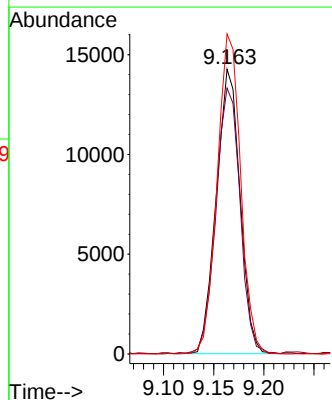
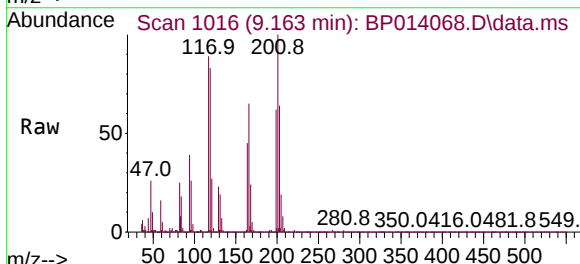
Manual Integrations
APPROVED

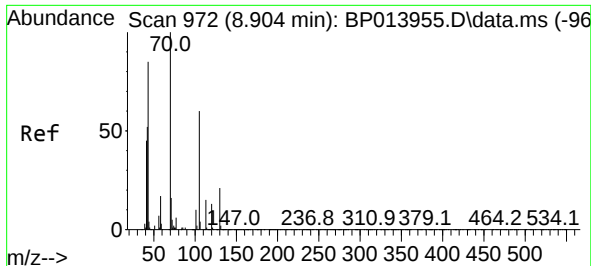
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#18
Hexachloroethane
Concen: 5.307 ng
RT: 9.163 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

Tgt Ion:117 Resp: 23519
Ion Ratio Lower Upper
117 100
119 93.4 73.3 109.9
201 112.4 91.1 136.7





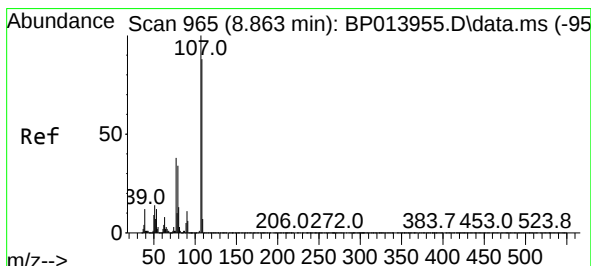
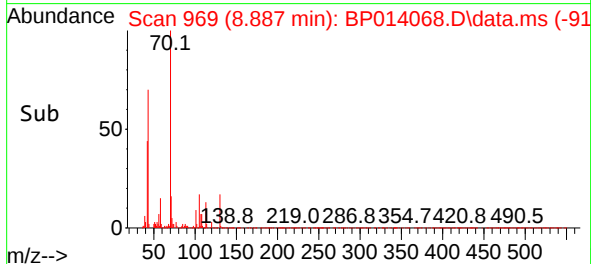
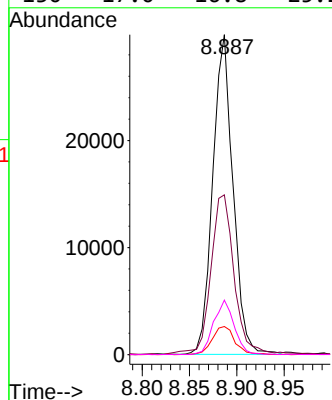
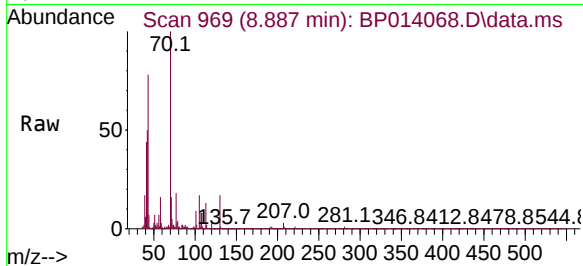
#19
n-Nitroso-di-n-propylamine
Concen: 5.180 ng
RT: 8.887 min Scan# 90
Delta R.T. -0.006 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

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

Tgt Ion: 70 Resp: 44345
Ion Ratio Lower Upper
70 100
42 49.9 42.4 63.6
101 8.8 8.2 12.4
130 17.0 16.8 25.2

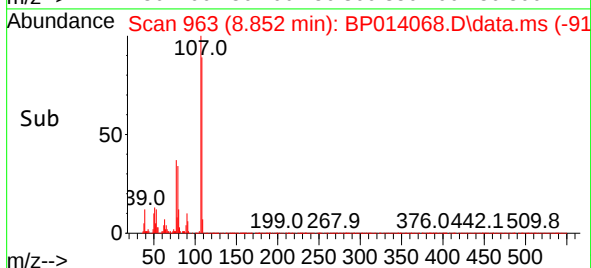
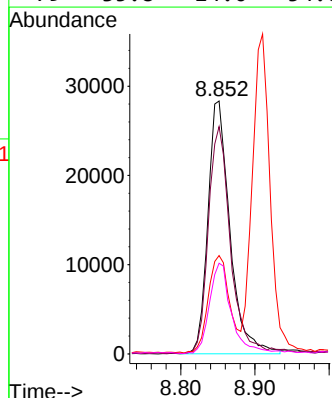
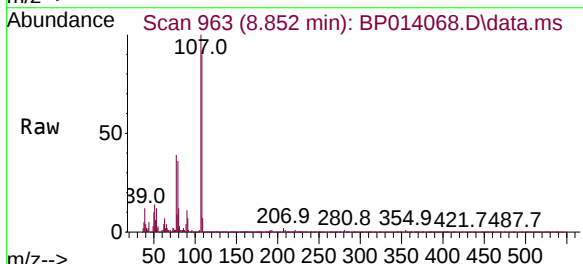
Manual Integrations
APPROVED

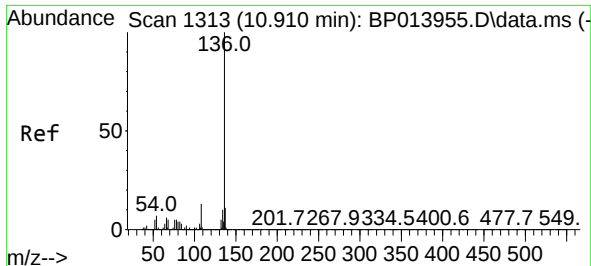
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#20
3+4-Methylphenols
Concen: 4.493 ng
RT: 8.852 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

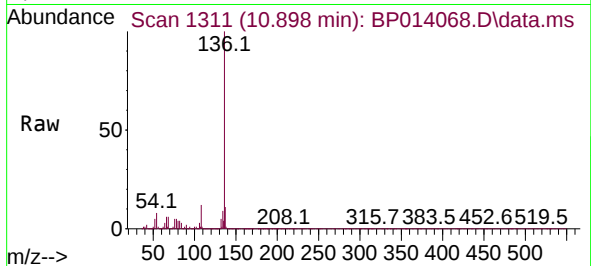
Tgt Ion:107 Resp: 58419
Ion Ratio Lower Upper
107 100
108 89.9 68.2 108.2
77 38.9 18.1 58.1
79 35.8 14.0 54.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.898 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

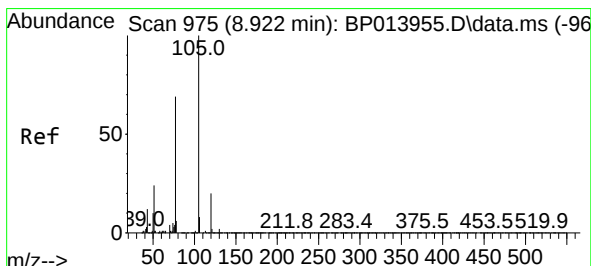
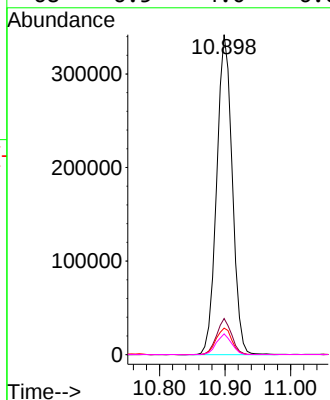
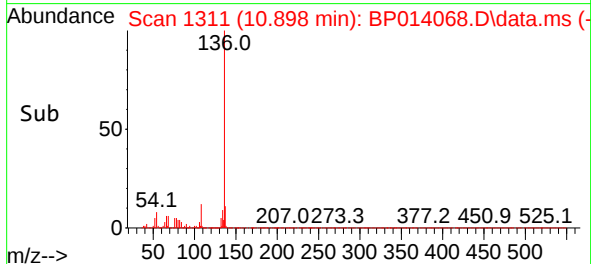
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:136 Resp: 56444
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 8.3 5.8 8.8
68 6.5 4.0 6.0#

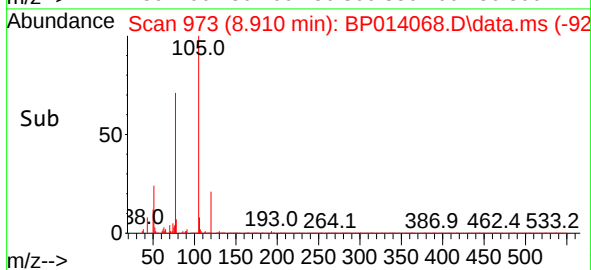
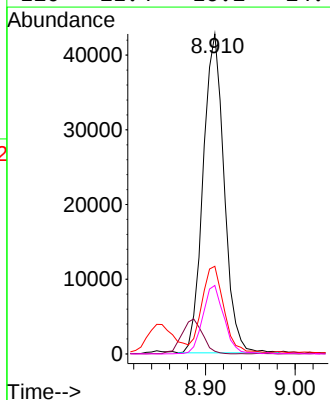
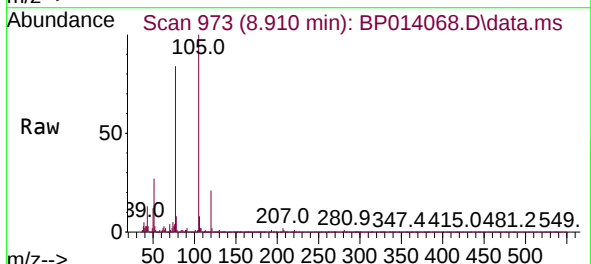
Manual Integrations
APPROVED

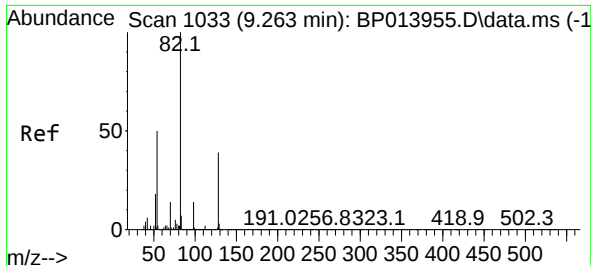
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#22
Acetophenone
Concen: 4.405 ng
RT: 8.910 min Scan# 973
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

Tgt Ion:105 Resp: 69743
Ion Ratio Lower Upper
105 100
71 0.8 1.4 2.0#
51 27.4 21.5 32.3
120 21.4 16.2 24.4





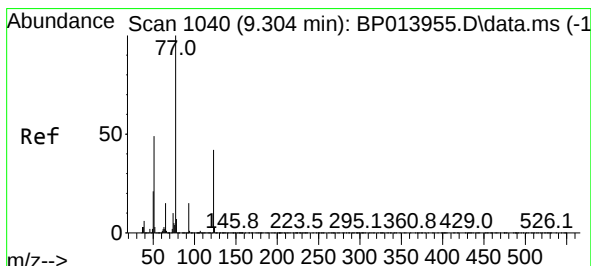
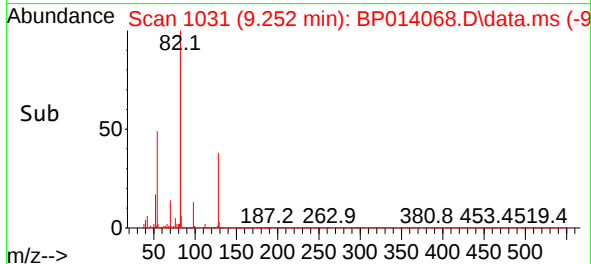
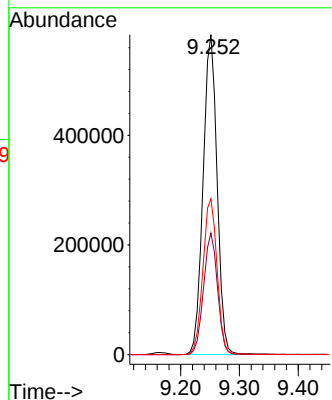
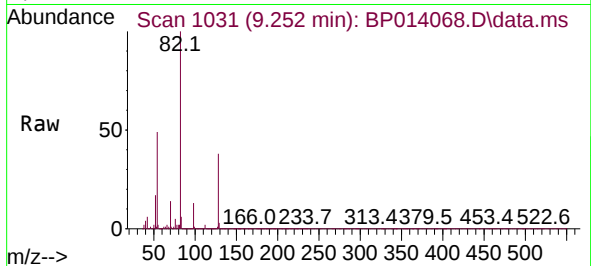
#23
Nitrobenzene-d5
Concen: 78.330 ng
RT: 9.252 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

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

Tgt Ion: 82 Resp: 967338
Ion Ratio Lower Upper
82 100
128 38.0 31.1 46.7
54 48.7 40.0 60.0

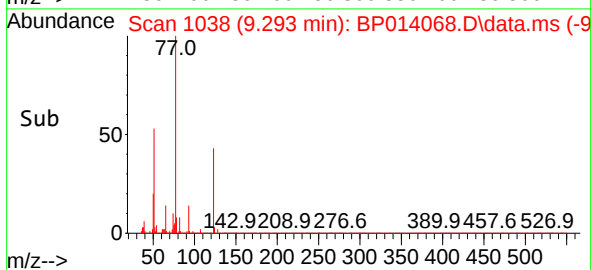
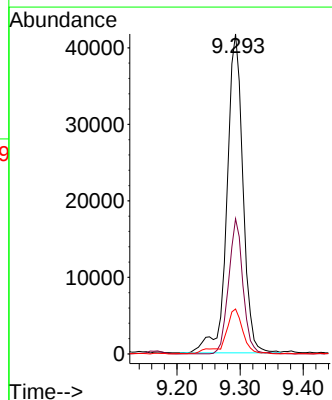
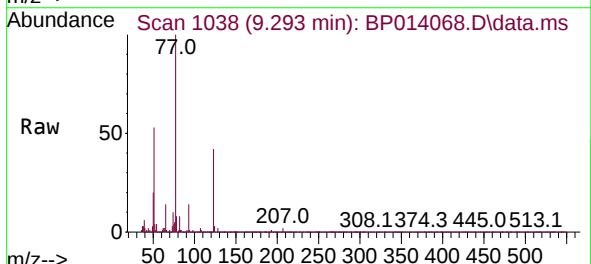
Manual Integrations
APPROVED

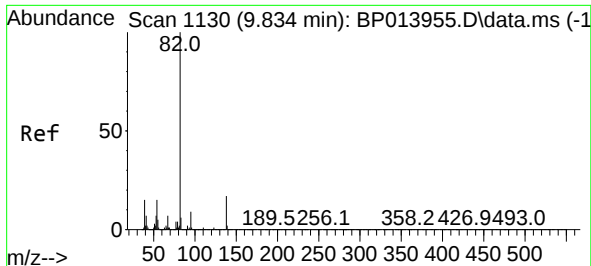
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#24
Nitrobenzene
Concen: 5.807 ng
RT: 9.293 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

Tgt Ion: 77 Resp: 73380
Ion Ratio Lower Upper
77 100
123 42.2 33.6 50.4
65 14.0 11.6 17.4





#25

Isophorone

Concen: 5.007 ng

RT: 9.816 min Scan# 1130

Delta R.T. -0.006 min

Lab File: BP014068.D

Acq: 13 Mar 2023 17:59

Instrument :

BNA_P

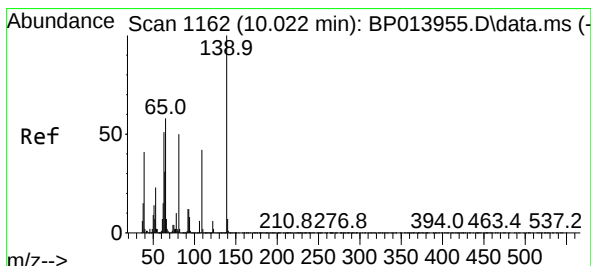
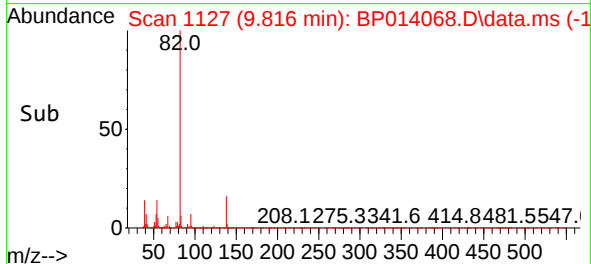
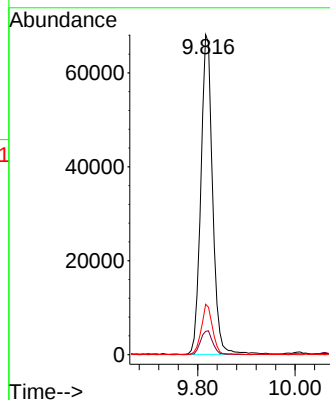
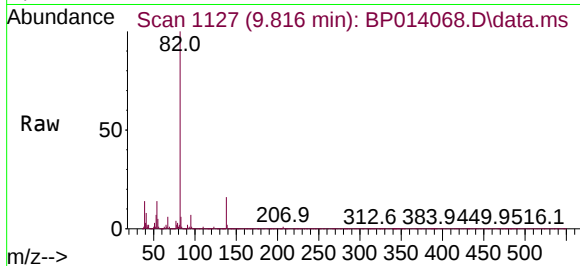
ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion: 82	Resp: 11394
Ion Ratio	Lower Upper
82 100	
95 7.3	6.9 10.3
138 15.7	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: 4.600 ng

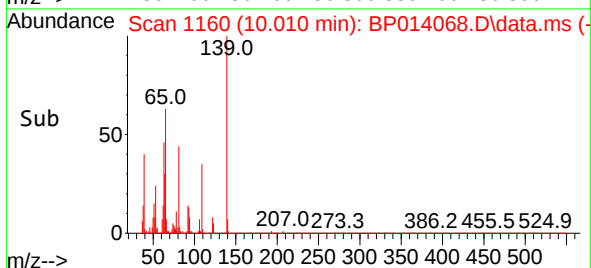
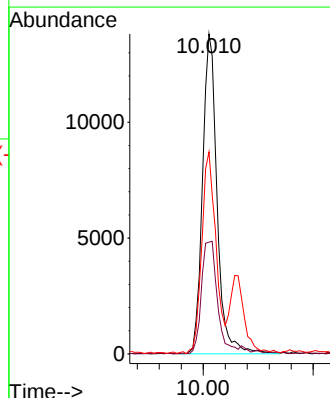
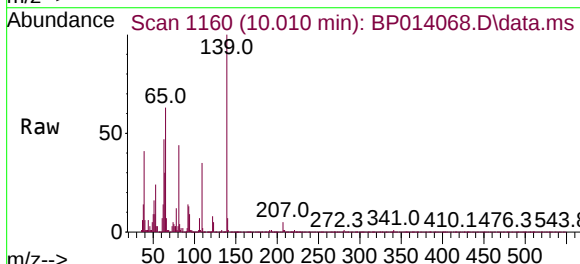
RT: 10.010 min Scan# 1160

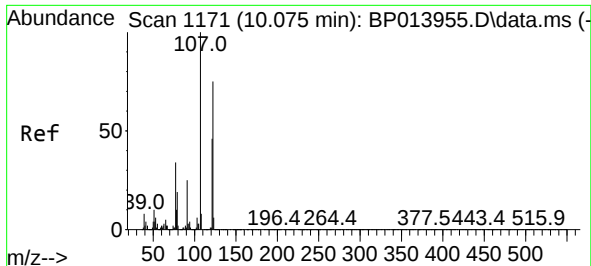
Delta R.T. 0.000 min

Lab File: BP014068.D

Acq: 13 Mar 2023 17:59

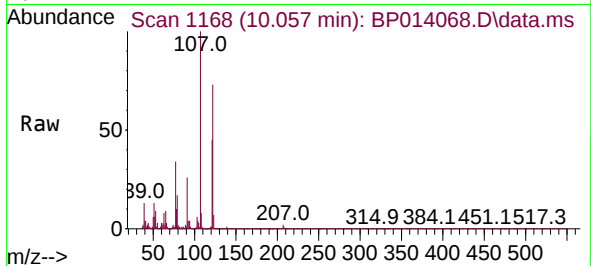
Tgt Ion: 139	Resp: 25284
Ion Ratio	Lower Upper
139 100	
109 34.9	33.8 50.8
65 63.1	46.6 70.0





#27
2,4-Dimethylphenol
Concen: 5.228 ng
RT: 10.057 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

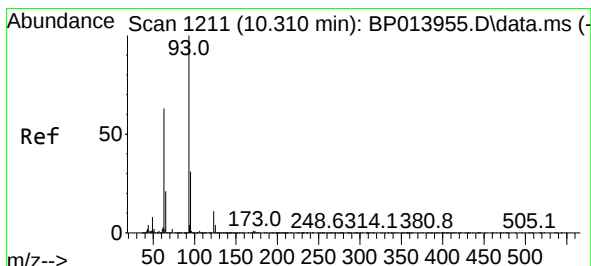
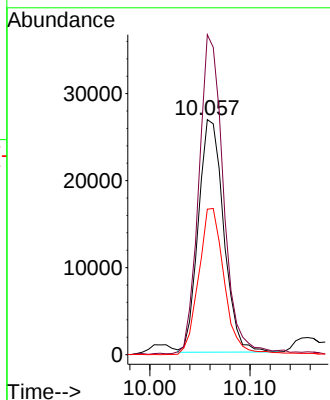
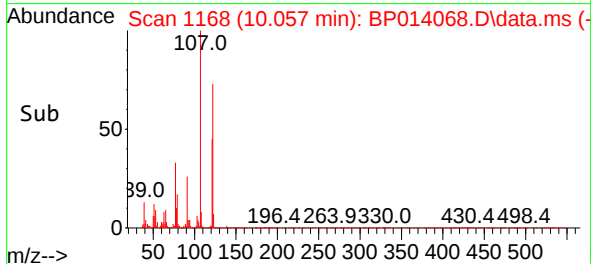
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 122 Resp: 46720
Ion Ratio Lower Upper
122 100
107 136.2 105.9 158.9
121 61.9 49.0 73.4

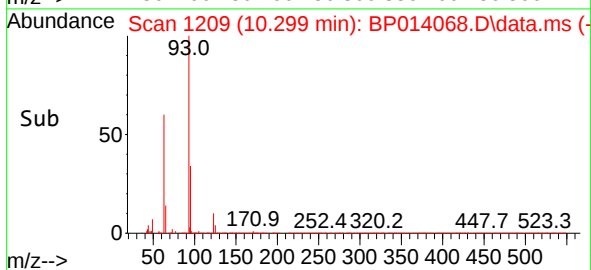
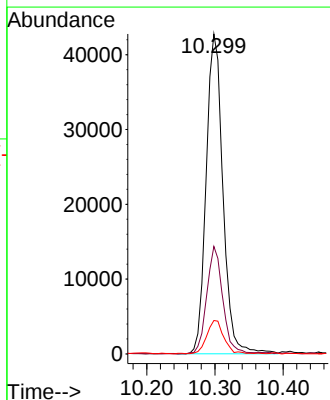
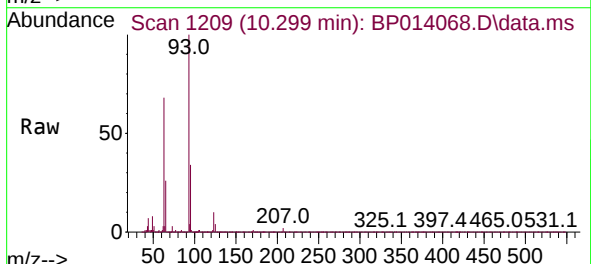
Manual Integrations
APPROVED

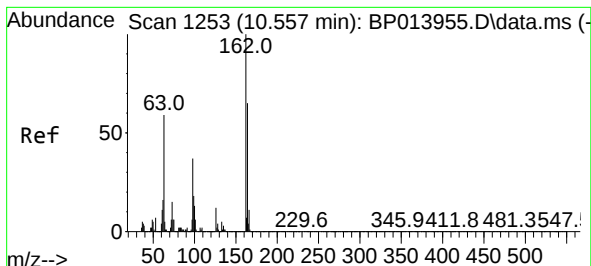
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#28
bis(2-Chloroethoxy)methane
Concen: 5.561 ng
RT: 10.299 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

Tgt Ion: 93 Resp: 73243
Ion Ratio Lower Upper
93 100
95 33.6 25.0 37.6
123 10.4 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 4.817 ng

RT: 10.551 min Scan# 1253

Delta R.T. 0.006 min

Lab File: BP014068.D

Acq: 13 Mar 2023 17:59

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT1-2023

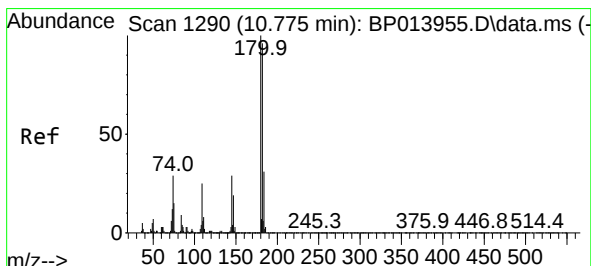
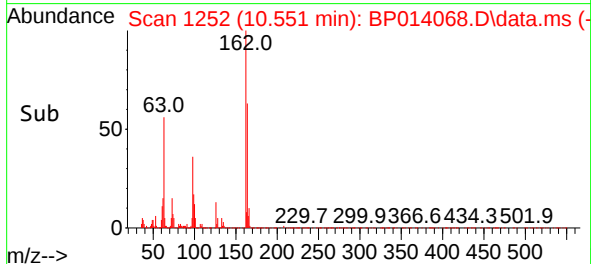
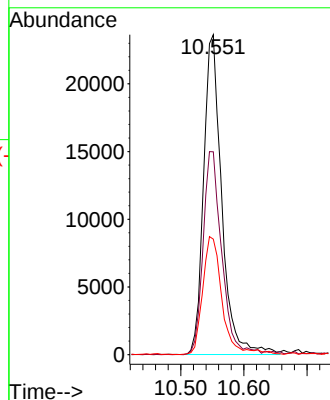
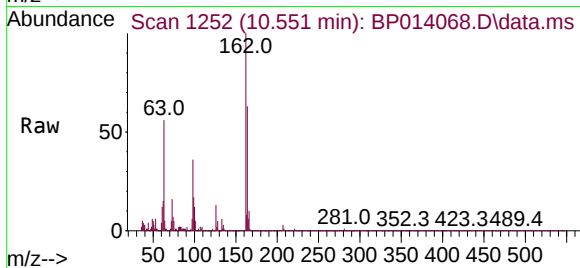
Tgt Ion:	162	Resp:	47123
Ion Ratio	Lower	Upper	
162	100		
164	63.4	44.7	84.7
98	36.1	17.0	57.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#30

1,2,4-Trichlorobenzene

Concen: 5.521 ng

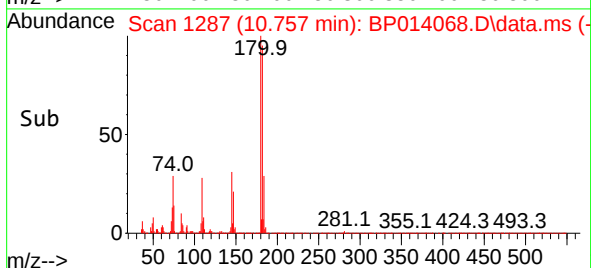
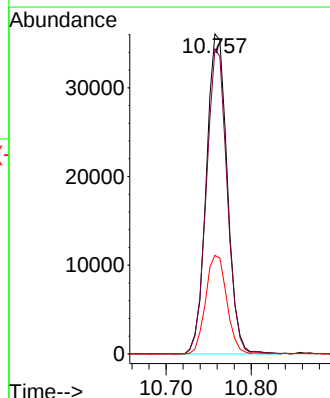
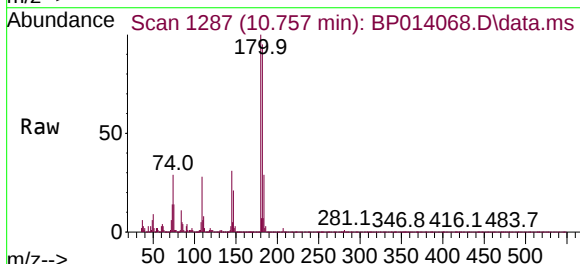
RT: 10.757 min Scan# 1287

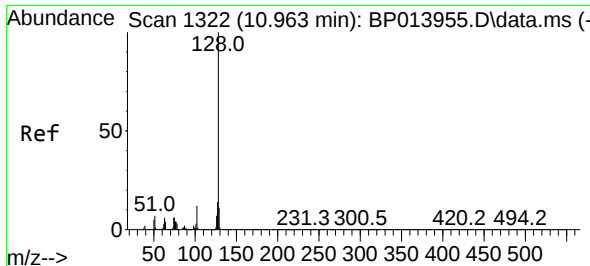
Delta R.T. 0.000 min

Lab File: BP014068.D

Acq: 13 Mar 2023 17:59

Tgt Ion:	180	Resp:	61319
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.6	114.8
145	30.8	23.5	35.3





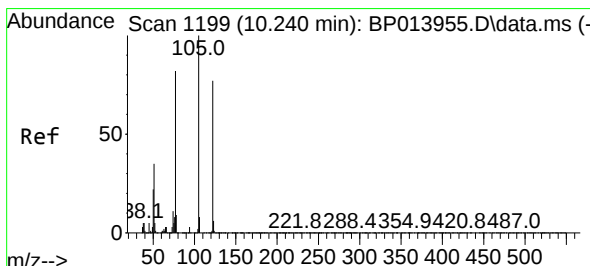
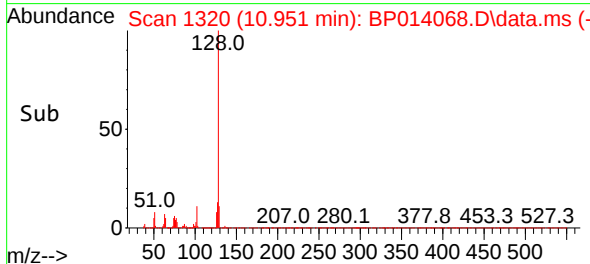
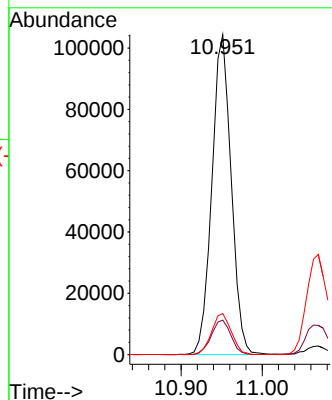
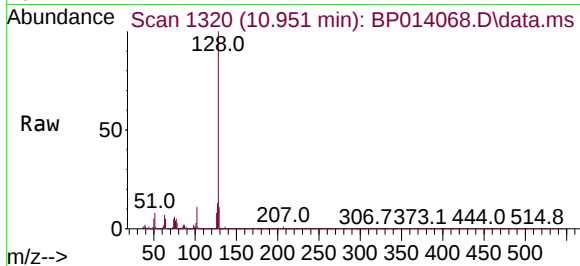
#31
Naphthalene
Concen: 5.556 ng
RT: 10.951 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

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

Tgt Ion:128 Resp: 172310
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 12.8 11.2 16.8

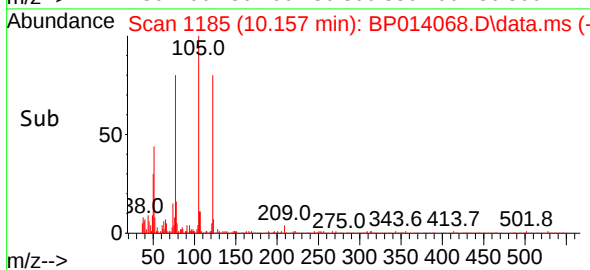
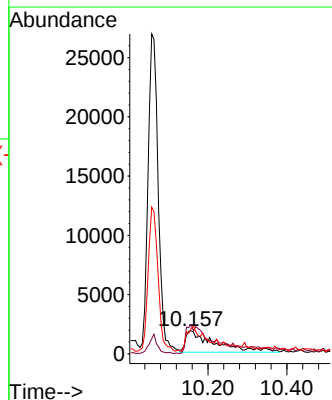
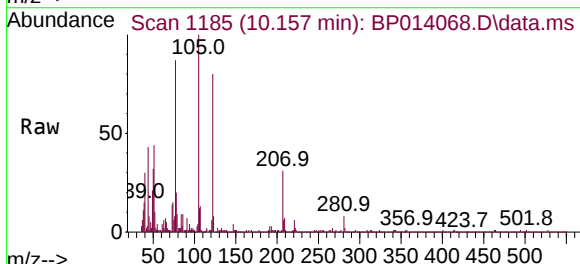
Manual Integrations
APPROVED

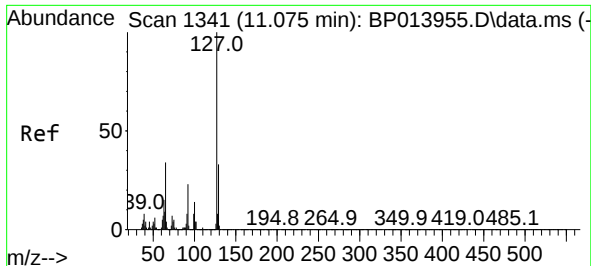
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#32
Benzoic acid
Concen: 3.906 ng m
RT: 10.157 min Scan# 1185
Delta R.T. -0.053 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

Tgt Ion:122 Resp: 9457
Ion Ratio Lower Upper
122 100
105 125.7 108.2 148.2
77 109.4 85.2 125.2





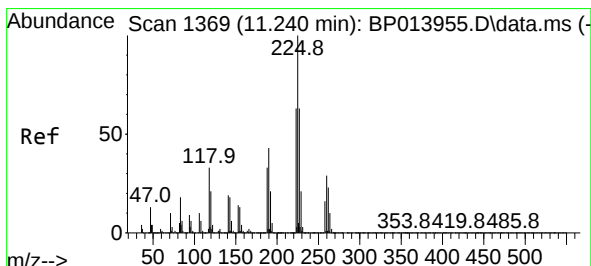
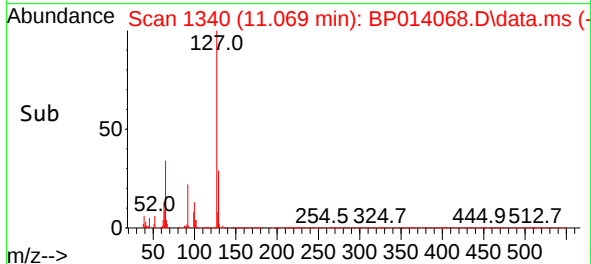
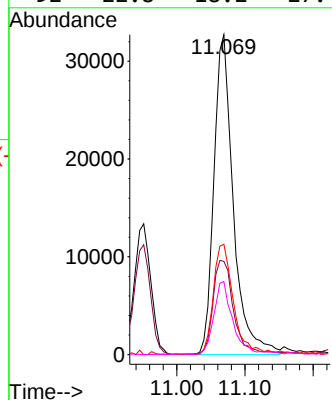
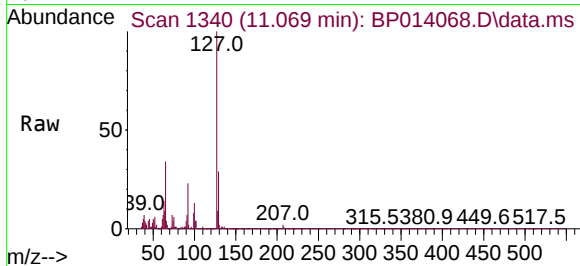
#33
4-Chloroaniline
Concen: 4.854 ng
RT: 11.069 min Scan# 1341
Delta R.T. 0.012 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

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

Tgt Ion:	127	Resp:	6453
Ion Ratio	Lower	Upper	
127	100		
129	29.2	26.2	39.2
65	34.5	27.0	40.4
92	22.8	18.2	27.4

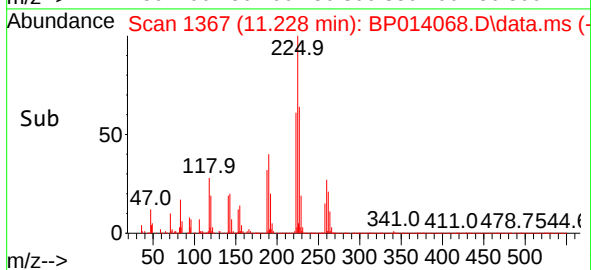
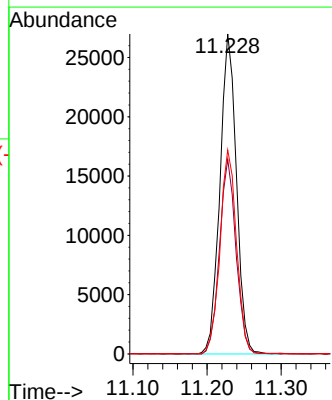
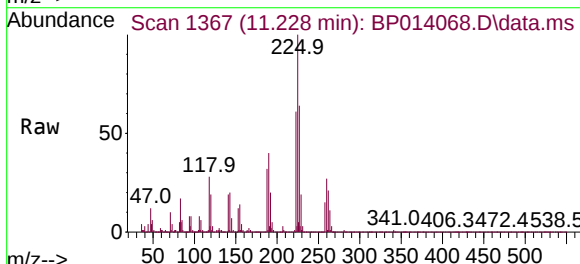
Manual Integrations
APPROVED

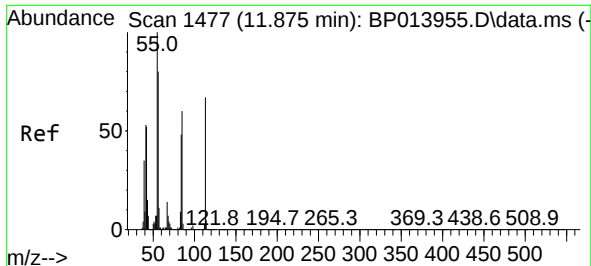
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#34
Hexachlorobutadiene
Concen: 5.165 ng
RT: 11.228 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

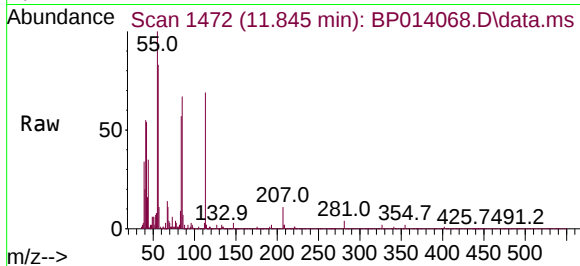
Tgt Ion:	225	Resp:	41710
Ion Ratio	Lower	Upper	
225	100		
223	60.8	50.6	76.0
227	63.7	50.2	75.4





#35
Caprolactam
Concen: 3.218 ng m
RT: 11.845 min Scan# 14
Delta R.T. -0.012 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

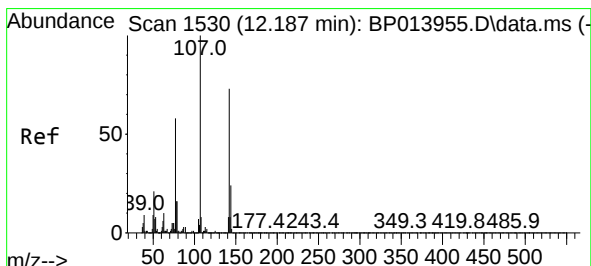
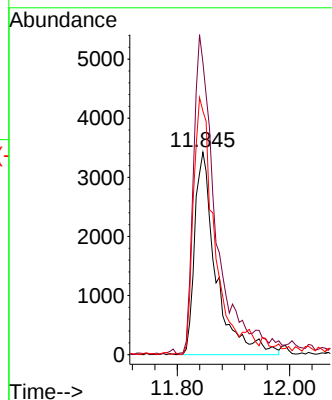
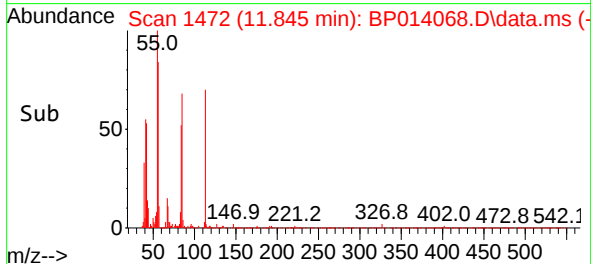
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:113 Resp: 9010
Ion Ratio Lower Upper
113 100
55 144.4 128.9 168.9
56 120.3 99.6 139.6

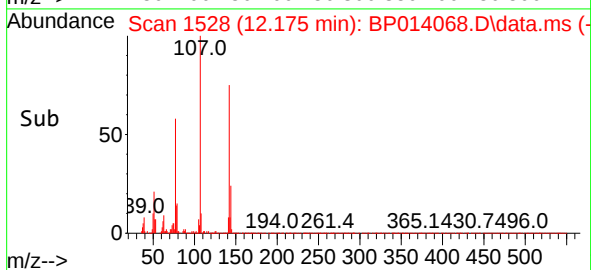
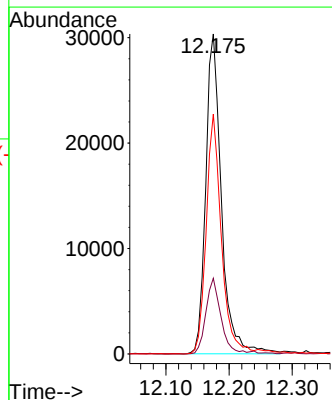
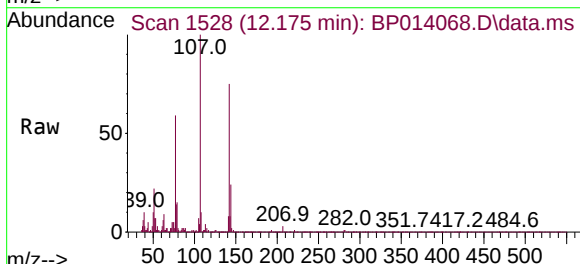
Manual Integrations
APPROVED

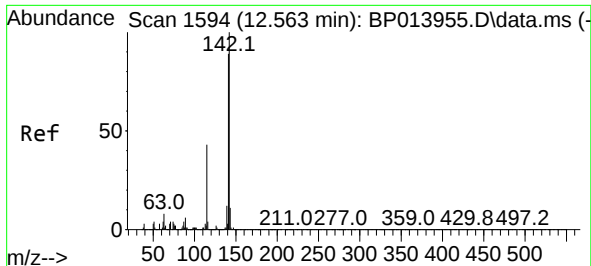
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#36
4-Chloro-3-methylphenol
Concen: 4.797 ng
RT: 12.175 min Scan# 1528
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

Tgt Ion:107 Resp: 52333
Ion Ratio Lower Upper
107 100
144 23.6 19.3 28.9
142 74.9 58.5 87.7





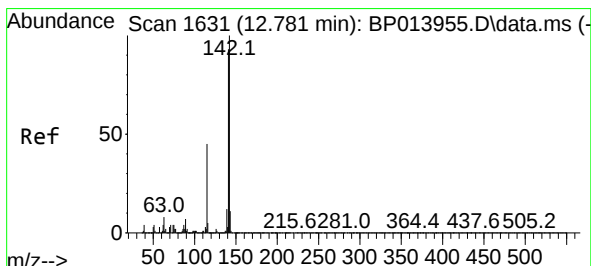
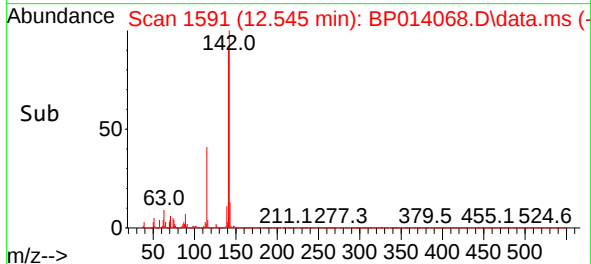
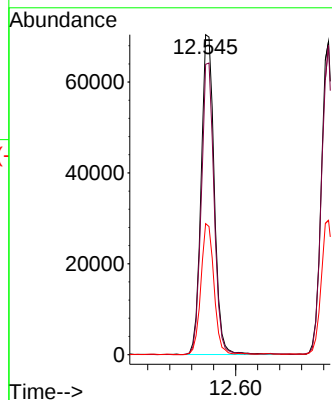
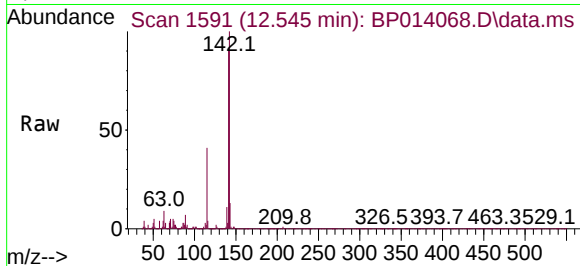
#37
2-Methylnaphthalene
Concen: 5.090 ng
RT: 12.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

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

Tgt Ion:142 Resp: 116468
Ion Ratio Lower Upper
142 100
141 90.7 71.0 106.4
115 40.9 34.5 51.7

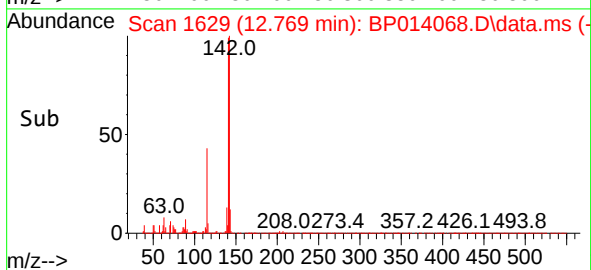
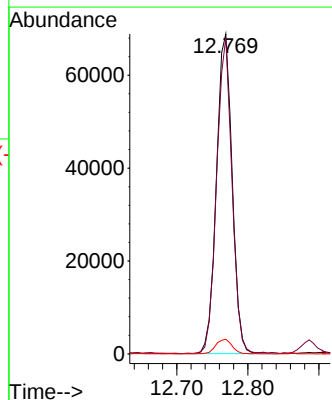
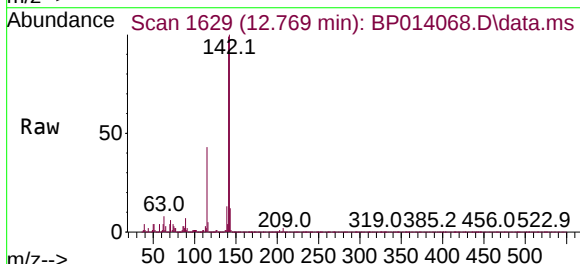
Manual Integrations
APPROVED

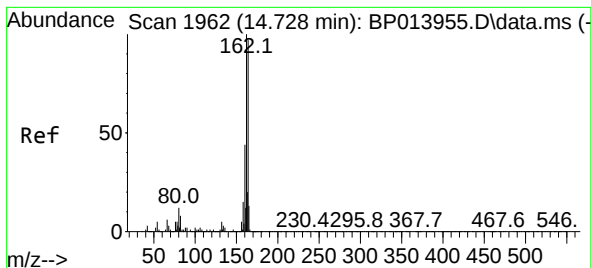
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#38
1-Methylnaphthalene
Concen: 4.996 ng
RT: 12.769 min Scan# 1629
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

Tgt Ion:142 Resp: 106558
Ion Ratio Lower Upper
142 100
141 98.8 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: BP014068.D

Acq: 13 Mar 2023 17:59

Instrument :

BNA_P

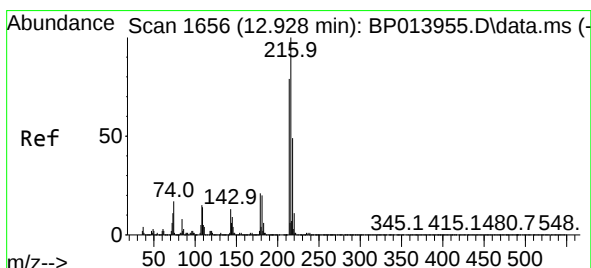
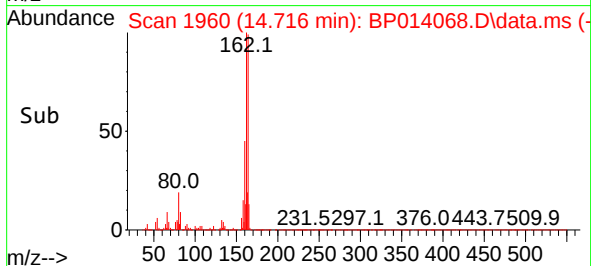
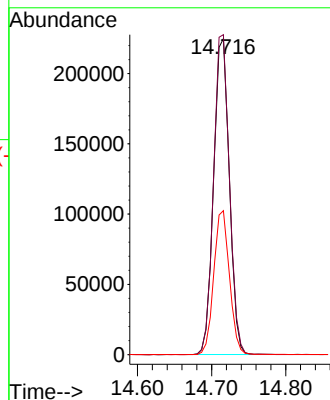
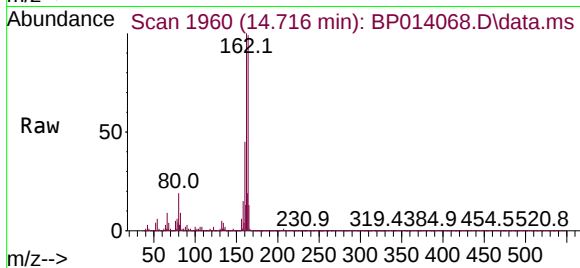
ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion:	164	Resp:	331505
Ion Ratio	Lower	Upper	
164	100		
162	101.3	82.1	123.1
160	45.6	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: 4.387 ng

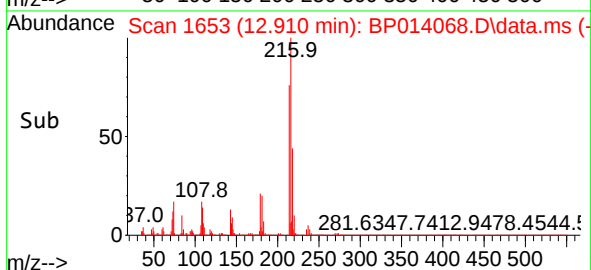
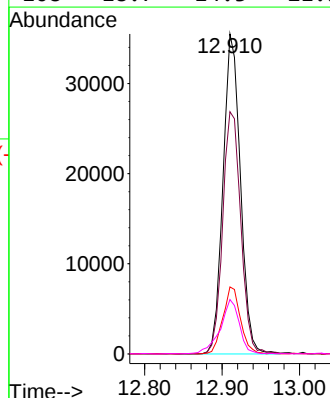
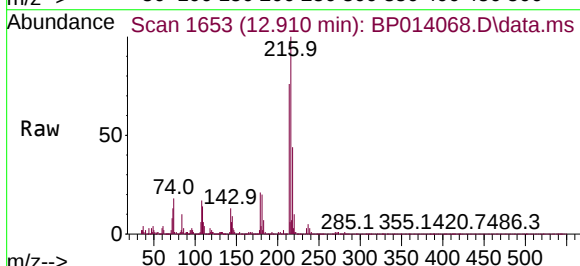
RT: 12.910 min Scan# 1653

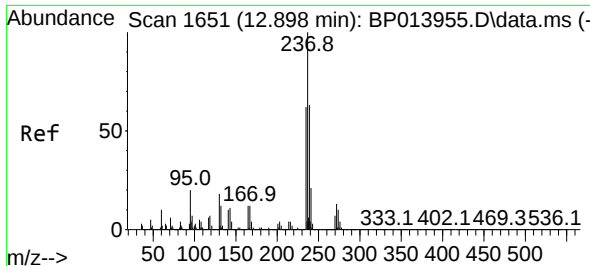
Delta R.T. 0.000 min

Lab File: BP014068.D

Acq: 13 Mar 2023 17:59

Tgt Ion:	216	Resp:	55435
Ion Ratio	Lower	Upper	
216	100		
214	79.0	62.2	93.2
179	21.3	16.6	24.8
108	18.7	14.3	21.5





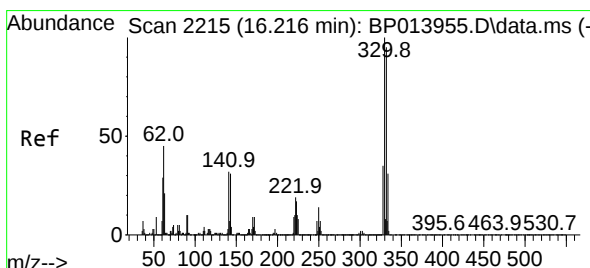
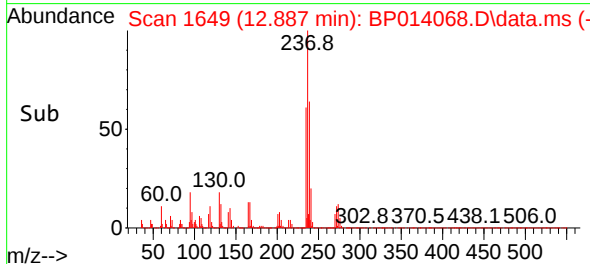
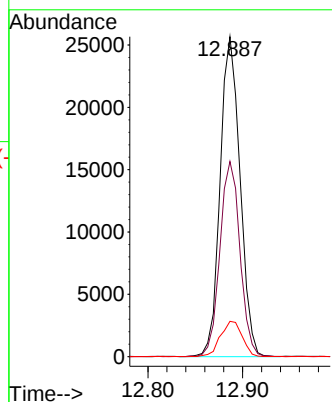
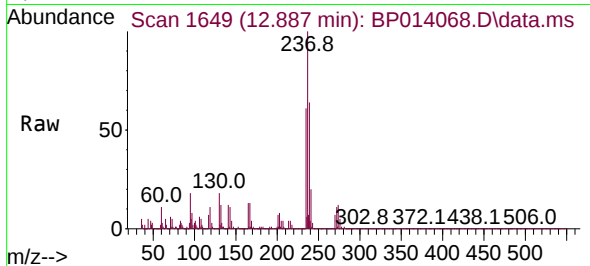
#41
Hexachlorocyclopentadiene
Concen: 4.726 ng
RT: 12.887 min Scan# 1649
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

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

Tgt Ion: 237 Resp: 37478
Ion Ratio Lower Upper
237 100
235 61.0 41.9 81.9
272 11.0 0.0 32.6

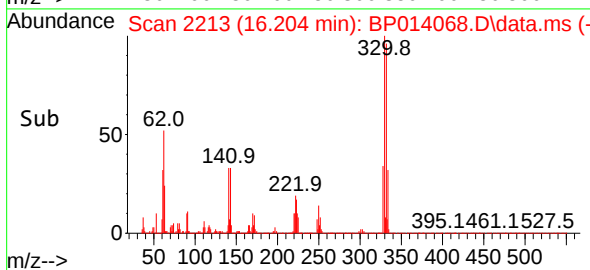
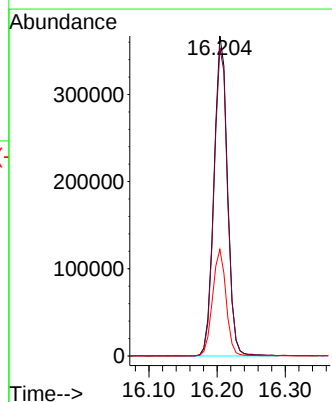
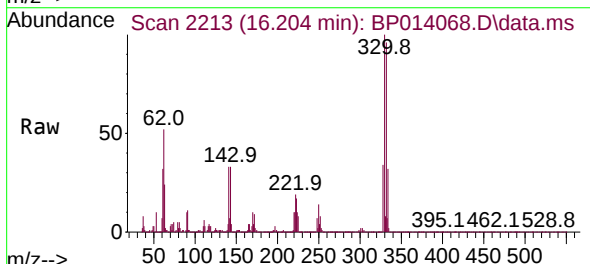
Manual Integrations
APPROVED

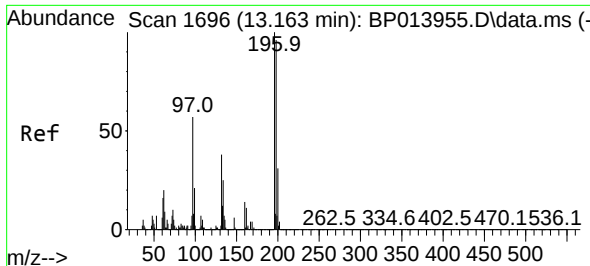
Reviewed By : Christian Giraldo 03/14/2023
Supervised By : Jagrut Upadhyay 03/14/2023



#42
2,4,6-Tribromophenol
Concen: 93.995 ng
RT: 16.204 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

Tgt Ion: 330 Resp: 505209
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 33.2 25.6 38.4





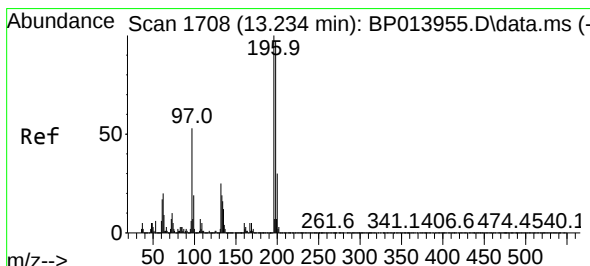
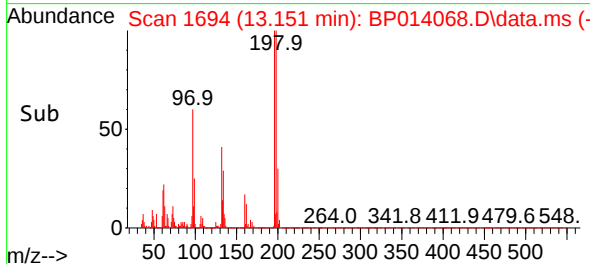
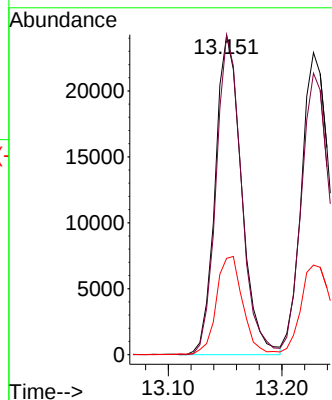
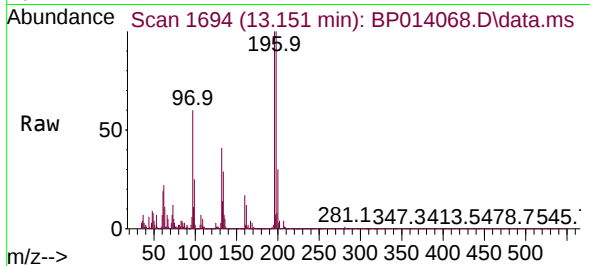
#43
2,4,6-Trichlorophenol
Concen: 4.877 ng
RT: 13.151 min Scan# 1696
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

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

Tgt Ion:196 Resp: 38952
Ion Ratio Lower Upper
196 100
198 100.4 76.7 115.1
200 30.2 25.2 37.8

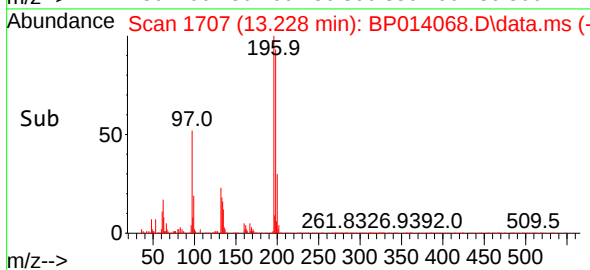
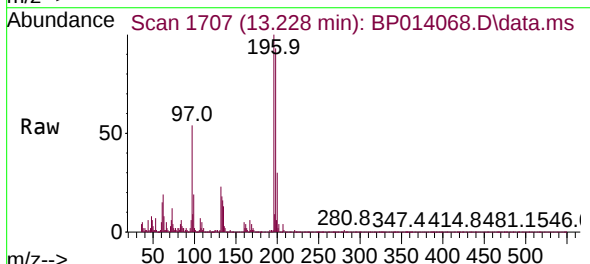
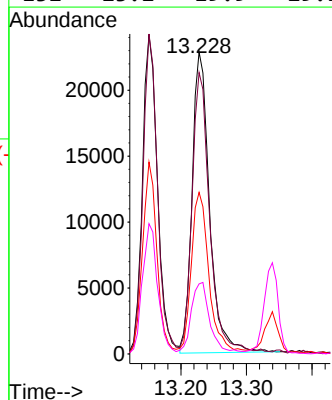
Manual Integrations
APPROVED

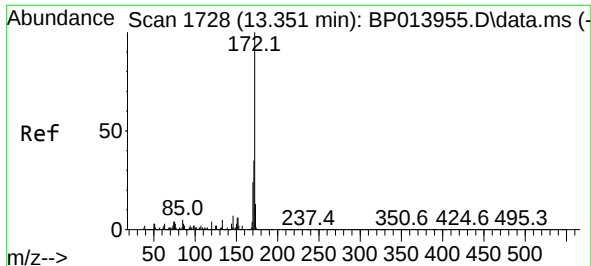
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#44
2,4,5-Trichlorophenol
Concen: 4.551 ng
RT: 13.228 min Scan# 1707
Delta R.T. 0.006 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

Tgt Ion:196 Resp: 42121
Ion Ratio Lower Upper
196 100
198 93.2 77.5 116.3
97 53.5 42.6 64.0
132 23.2 19.9 29.9





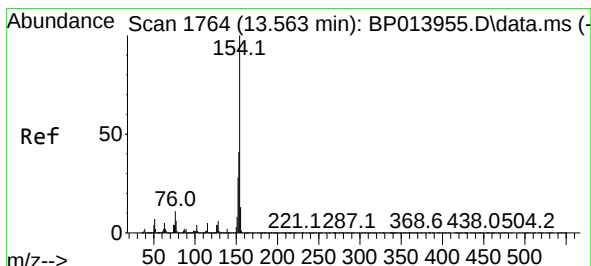
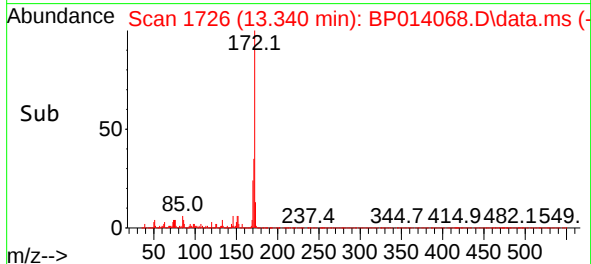
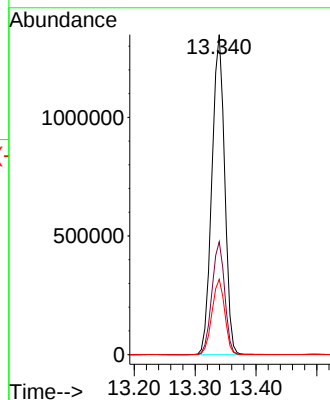
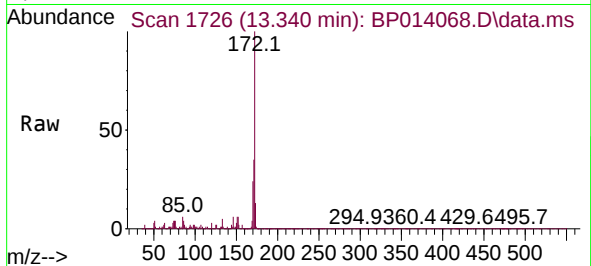
#45
2-Fluorobiphenyl
Concen: 76.764 ng
RT: 13.340 min Scan# 1726
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

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

Tgt Ion:172 Resp: 1964197
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.5 19.0 28.4

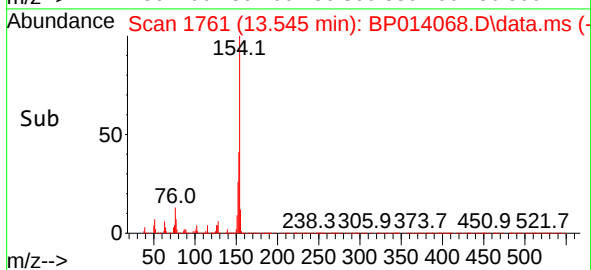
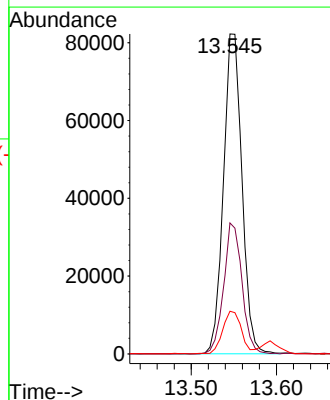
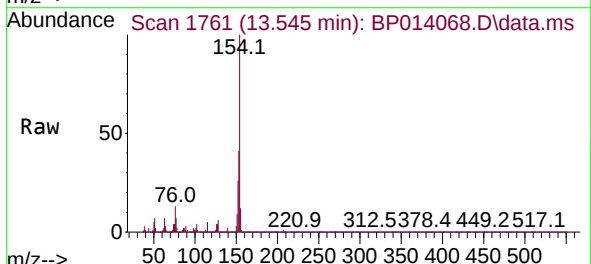
Manual Integrations
APPROVED

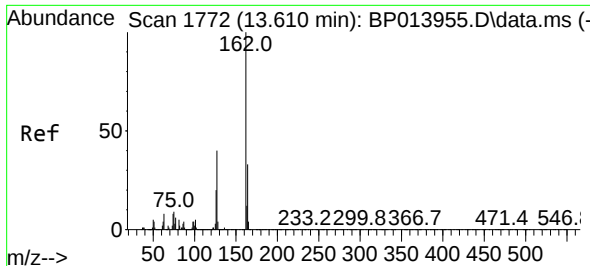
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#46
1,1'-Biphenyl
Concen: 4.655 ng
RT: 13.545 min Scan# 1761
Delta R.T. -0.006 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

Tgt Ion:154 Resp: 124216
Ion Ratio Lower Upper
154 100
153 40.9 21.0 61.0
76 13.3 0.0 31.0





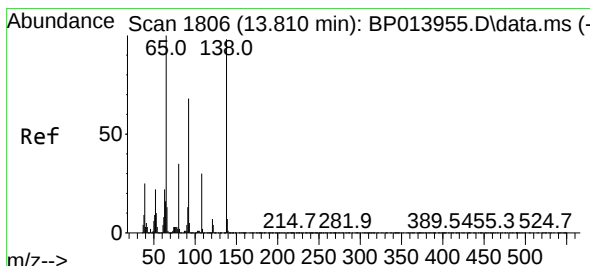
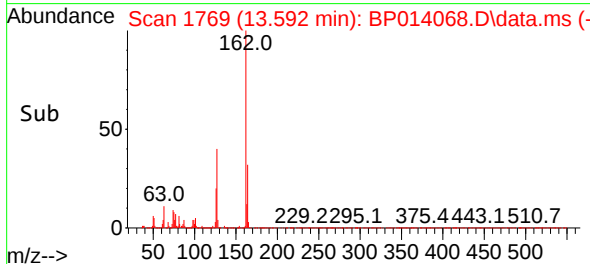
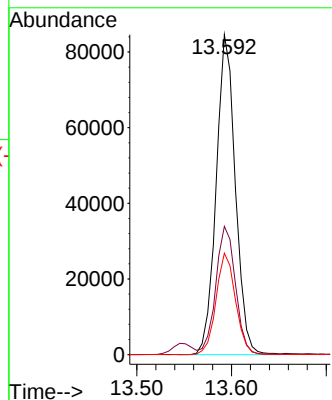
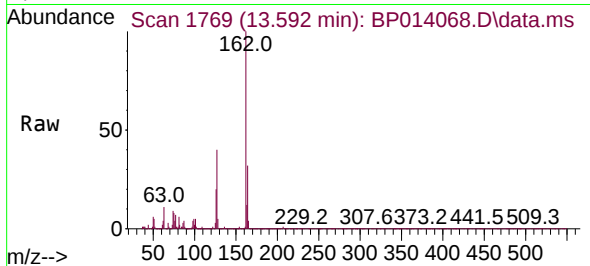
#47
2-Chloronaphthalene
Concen: 5.797 ng
RT: 13.592 min Scan# 1769
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

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

Tgt Ion:162 Resp: 119088
Ion Ratio Lower Upper
162 100
127 40.1 32.5 48.7
164 31.7 26.3 39.5

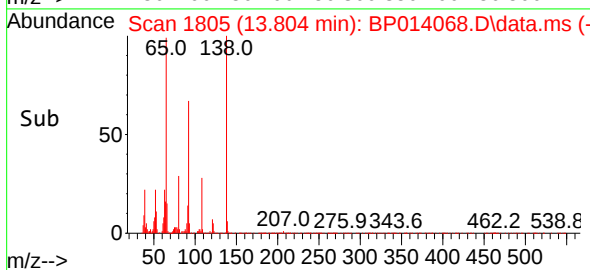
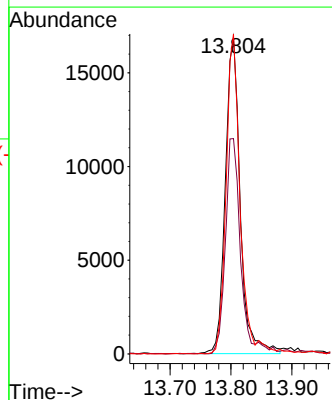
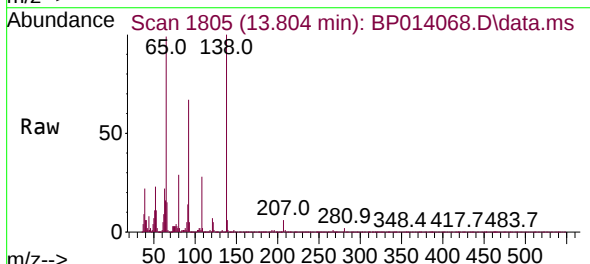
Manual Integrations
APPROVED

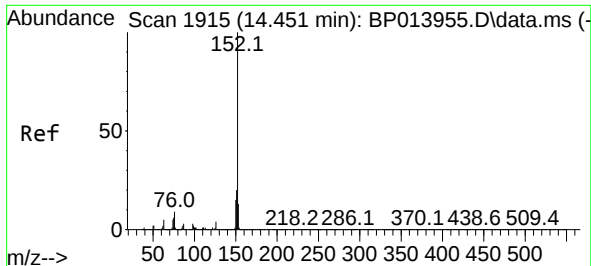
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#48
2-Nitroaniline
Concen: 4.618 ng
RT: 13.804 min Scan# 1805
Delta R.T. 0.006 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

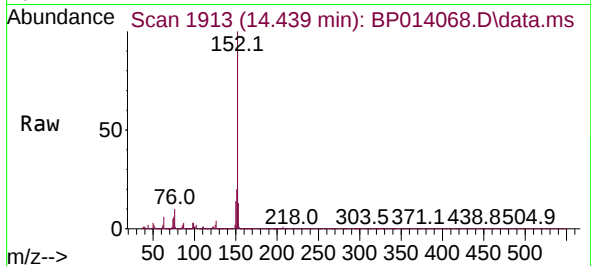
Tgt Ion: 65 Resp: 28786
Ion Ratio Lower Upper
65 100
92 68.0 54.4 81.6
138 101.1 78.0 117.0





#49
Acenaphthylene
Concen: 5.167 ng
RT: 14.439 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

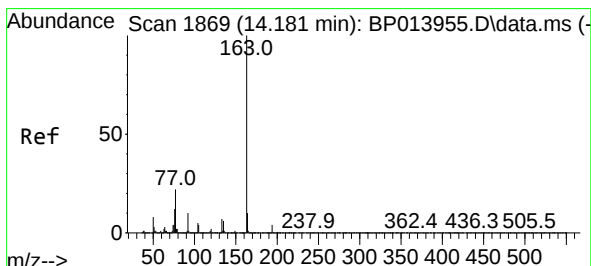
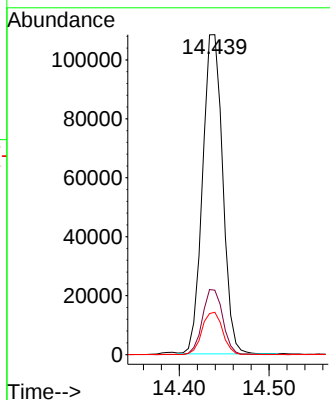
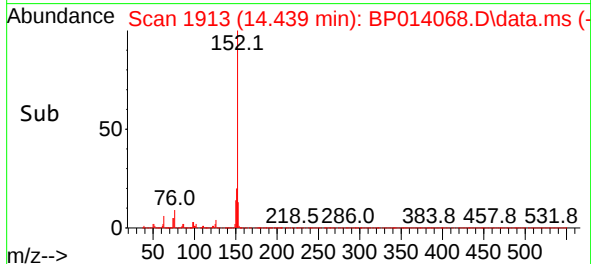
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:152 Resp: 168802
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.2 10.4 15.6

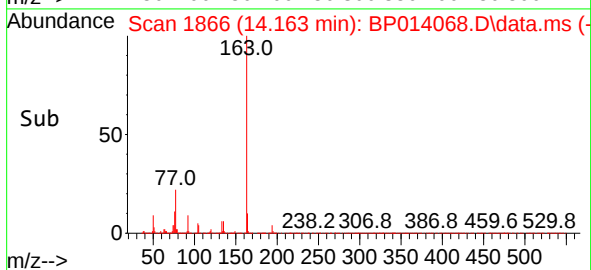
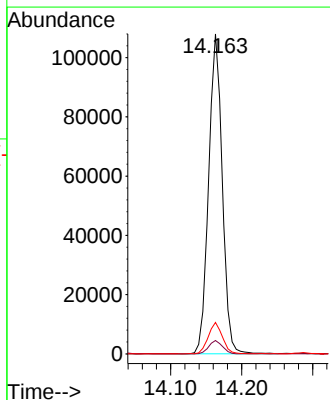
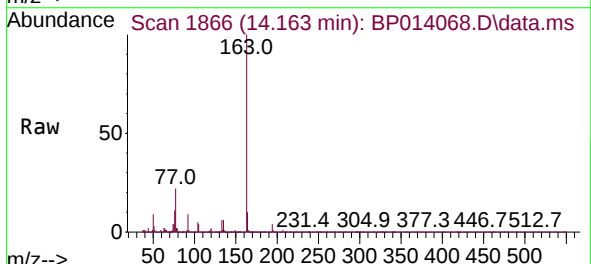
Manual Integrations
APPROVED

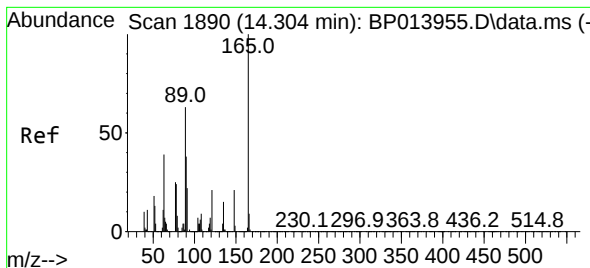
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#50
Dimethylphthalate
Concen: 5.258 ng
RT: 14.163 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

Tgt Ion:163 Resp: 143789
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 9.8 8.1 12.1





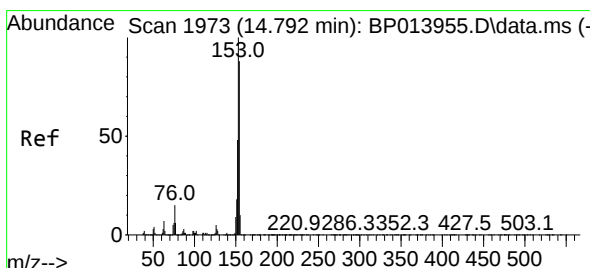
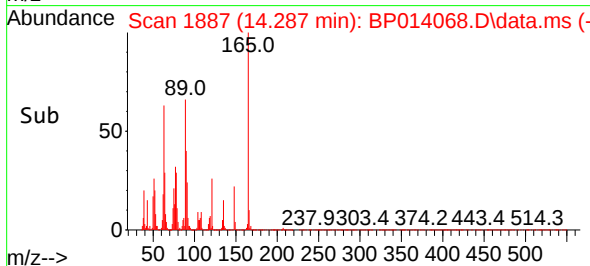
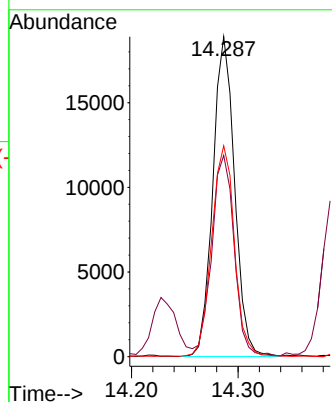
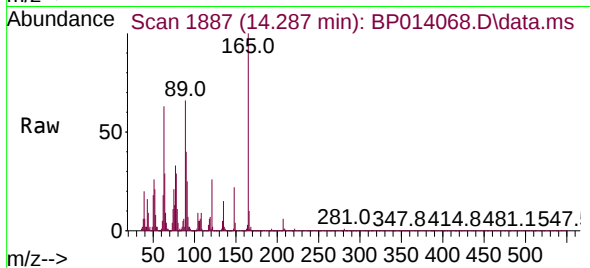
#51
2,6-Dinitrotoluene
Concen: 4.641 ng
RT: 14.287 min Scan# 1890
Delta R.T. -0.006 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

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

Tgt Ion:165 Resp: 26728
Ion Ratio Lower Upper
165 100
63 62.9 46.7 70.1
89 65.9 50.8 76.2

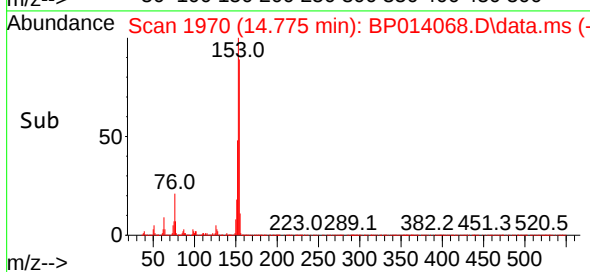
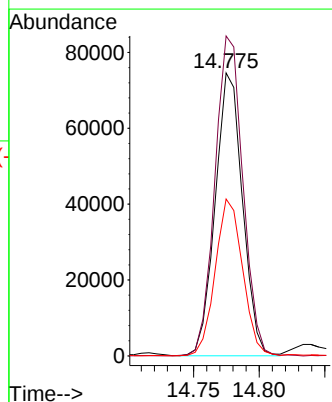
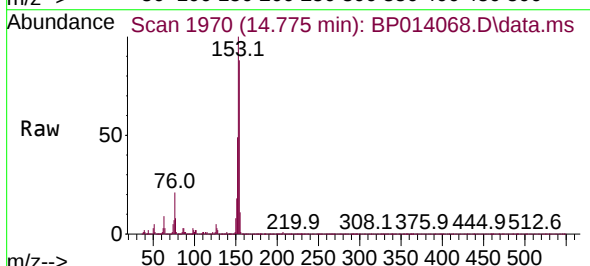
Manual Integrations
APPROVED

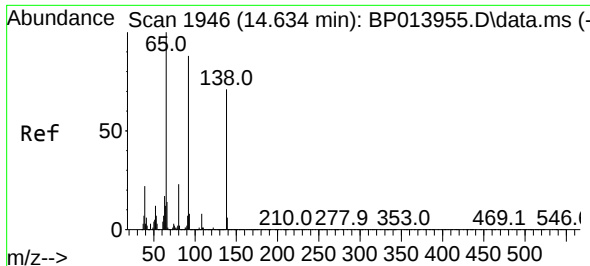
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#52
Acenaphthene
Concen: 5.497 ng
RT: 14.775 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

Tgt Ion:154 Resp: 108089
Ion Ratio Lower Upper
154 100
153 113.1 91.3 136.9
152 55.4 43.4 65.0





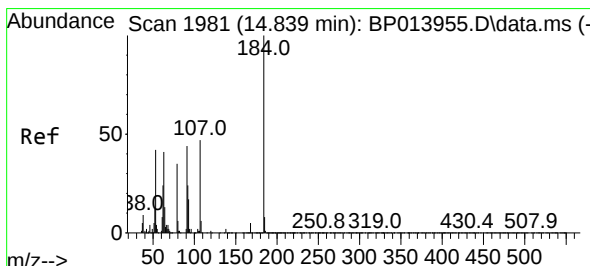
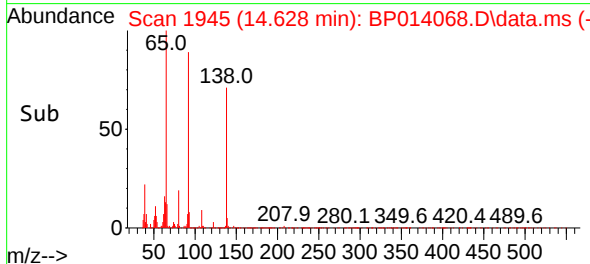
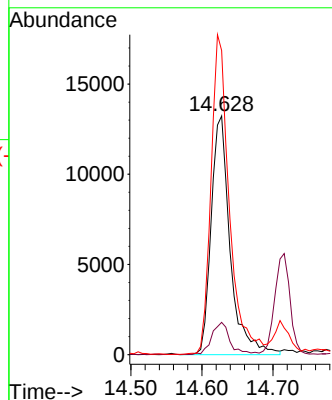
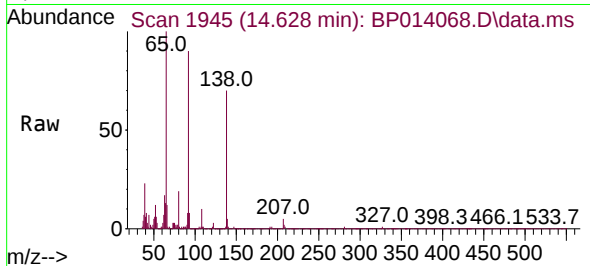
#53
3-Nitroaniline
Concen: 4.354 ng
RT: 14.628 min Scan# 1945
Delta R.T. 0.006 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

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

Tgt Ion:138 Resp: 24576
Ion Ratio Lower Upper
138 100
108 13.5 9.5 14.3
92 127.5 99.2 148.8

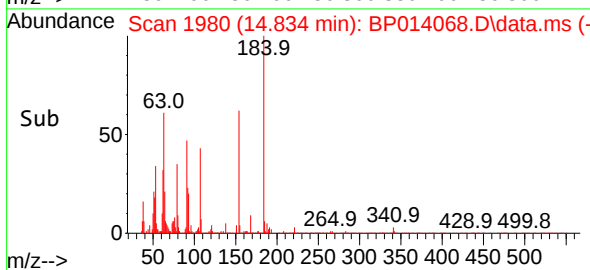
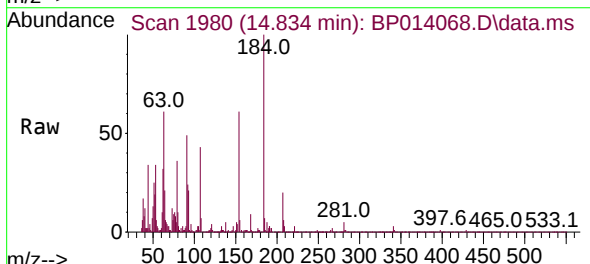
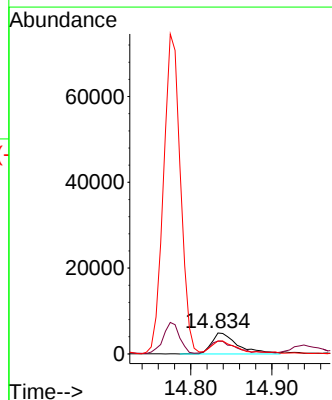
Manual Integrations
APPROVED

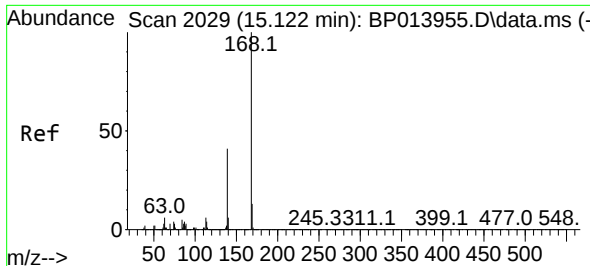
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#54
2,4-Dinitrophenol
Concen: 5.524 ng
RT: 14.834 min Scan# 1980
Delta R.T. 0.006 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

Tgt Ion:184 Resp: 10861
Ion Ratio Lower Upper
184 100
63 61.0 52.4 78.6
154 61.4 59.4 89.2





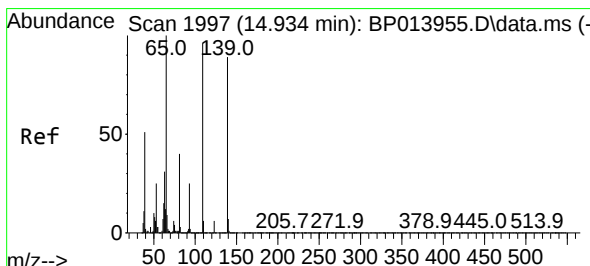
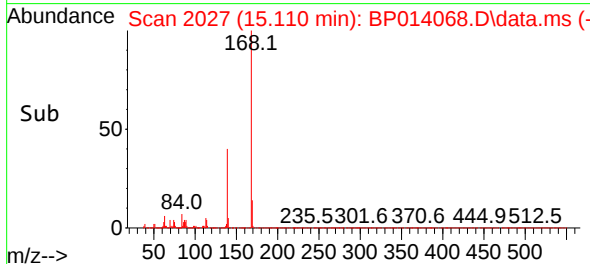
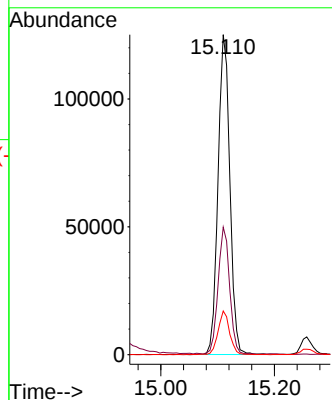
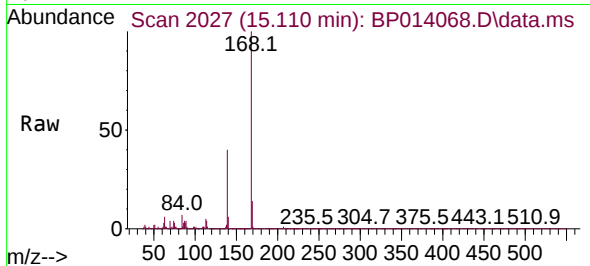
#55
Dibenzenofuran
Concen: 5.641 ng
RT: 15.110 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

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

Tgt Ion:168 Resp: 18082
Ion Ratio Lower Upper
168 100
139 39.8 32.9 49.3
169 13.6 10.6 15.8

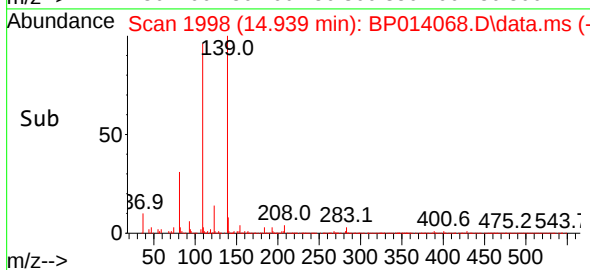
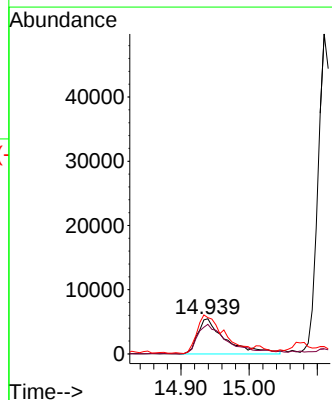
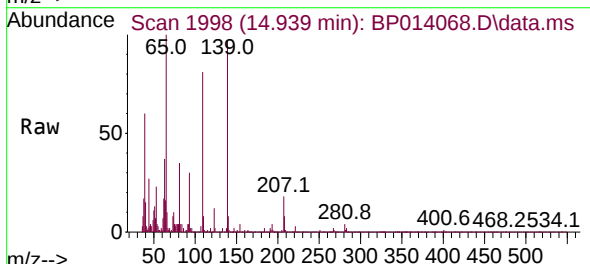
Manual Integrations
APPROVED

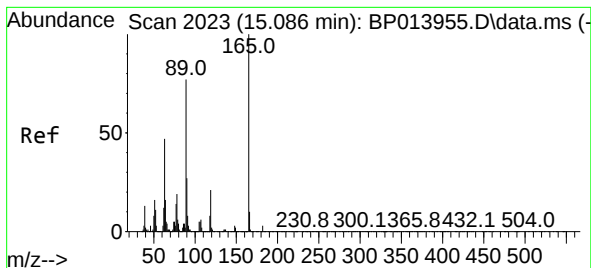
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#56
4-Nitrophenol
Concen: 3.419 ng
RT: 14.939 min Scan# 1998
Delta R.T. 0.018 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

Tgt Ion:139 Resp: 15713
Ion Ratio Lower Upper
139 100
109 83.9 87.0 127.0#
65 103.1 92.1 132.1





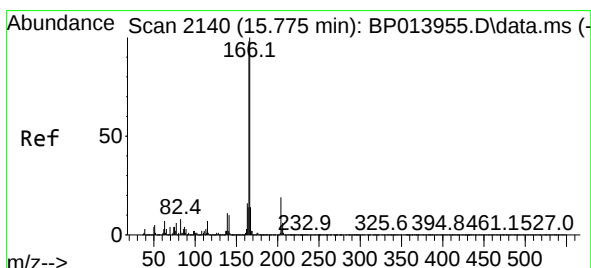
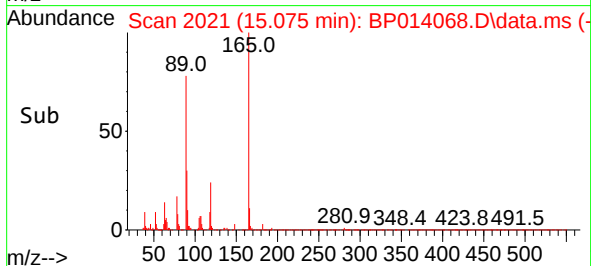
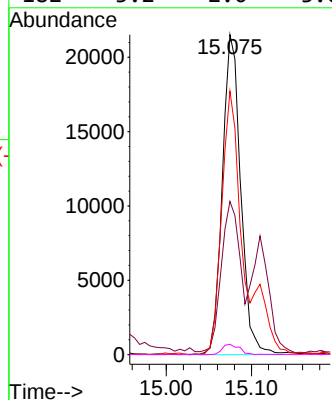
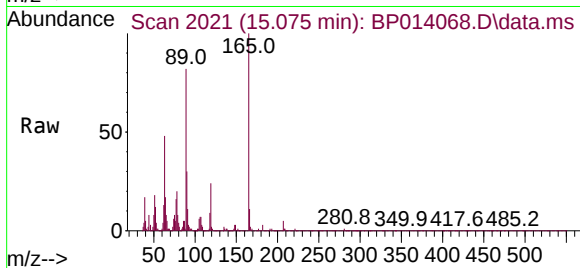
#57
2,4-Dinitrotoluene
Concen: 4.185 ng
RT: 15.075 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

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

Tgt Ion:165 Resp: 32215
Ion Ratio Lower Upper
165 100
63 47.9 37.5 56.3
89 82.3 61.8 92.8
182 3.2 2.0 3.0#

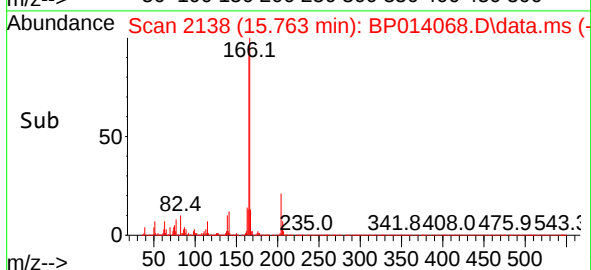
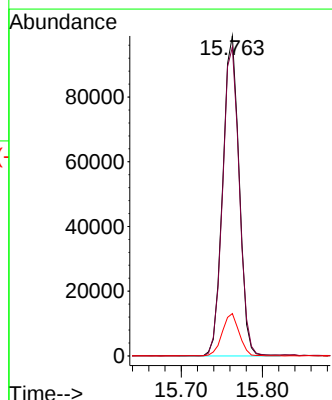
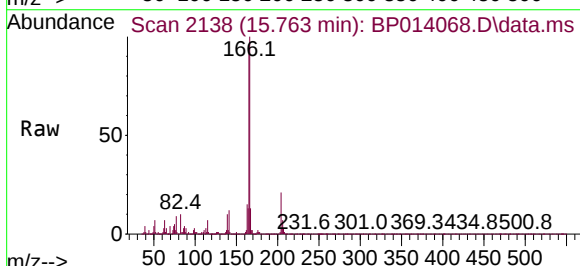
Manual Integrations
APPROVED

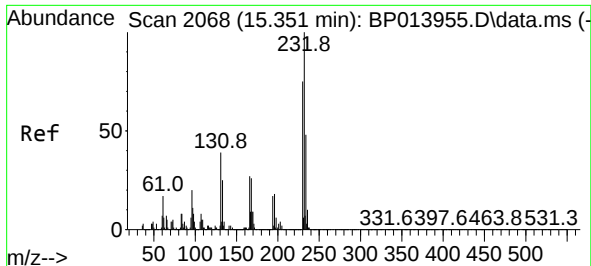
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#58
Fluorene
Concen: 5.429 ng
RT: 15.763 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

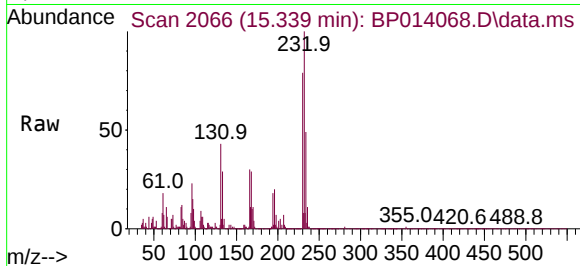
Tgt Ion:166 Resp: 138188
Ion Ratio Lower Upper
166 100
165 96.5 78.1 117.1
167 13.2 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 4.551 ng
RT: 15.339 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

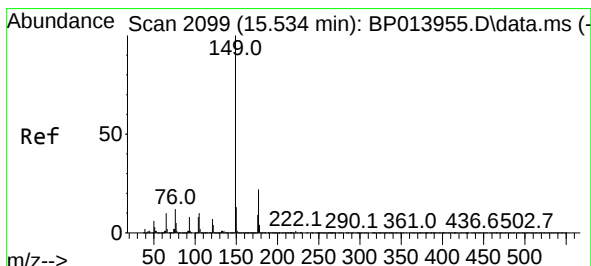
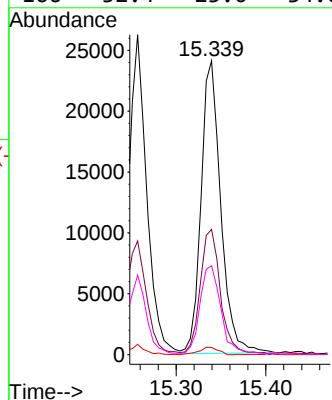
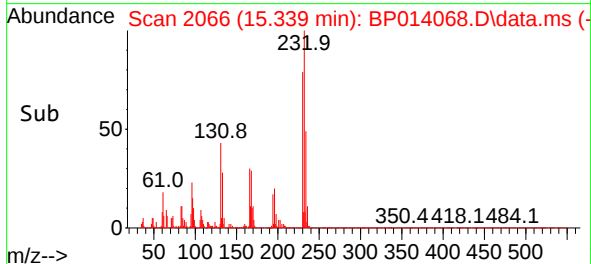
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:232 Resp: 3674
Ion Ratio Lower Upper
232 100
131 44.4 32.5 48.7
130 2.4 1.9 2.9
166 32.4 23.0 34.6

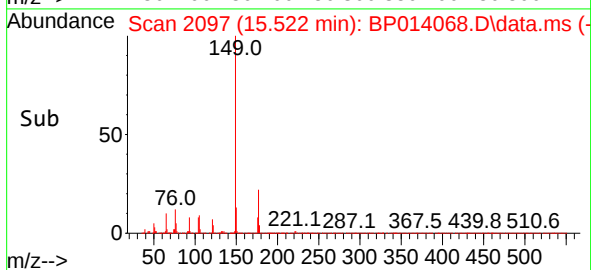
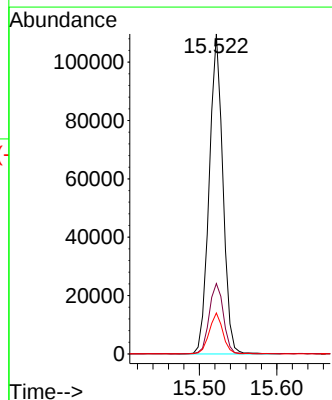
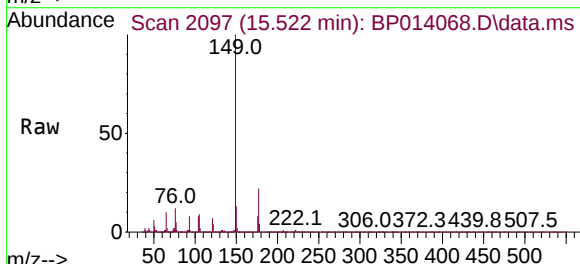
Manual Integrations
APPROVED

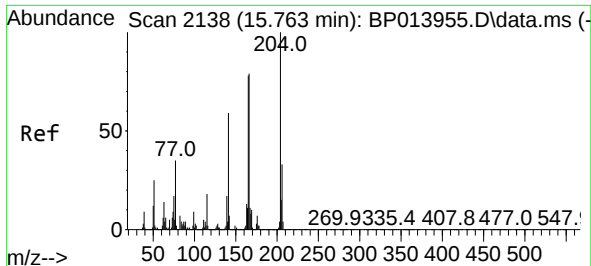
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#60
Diethylphthalate
Concen: 4.972 ng
RT: 15.522 min Scan# 2097
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

Tgt Ion:149 Resp: 134247
Ion Ratio Lower Upper
149 100
177 22.0 18.0 27.0
150 12.8 10.3 15.5





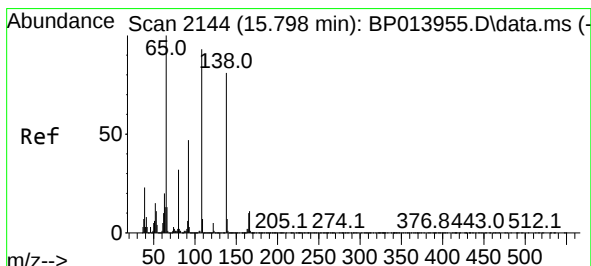
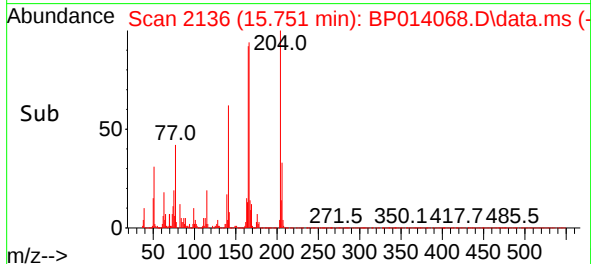
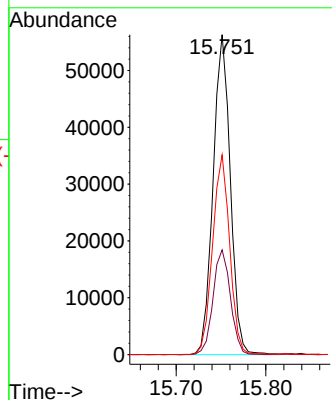
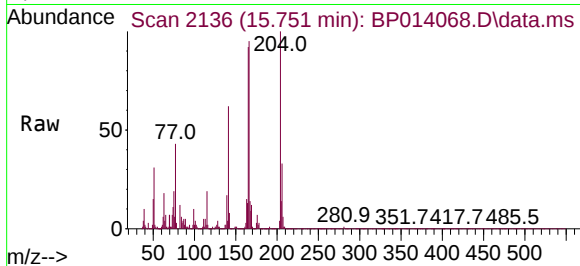
#61
4-Chlorophenyl-phenylether
Concen: 5.201 ng
RT: 15.751 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

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

Tgt Ion:204 Resp: 75055
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.4
141 62.4 46.9 70.3

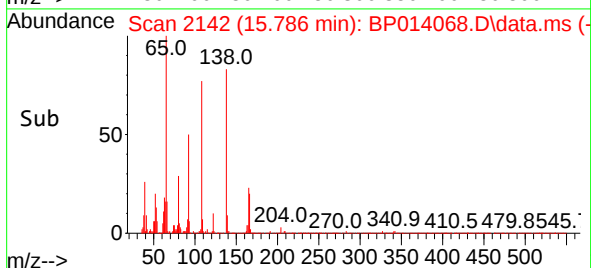
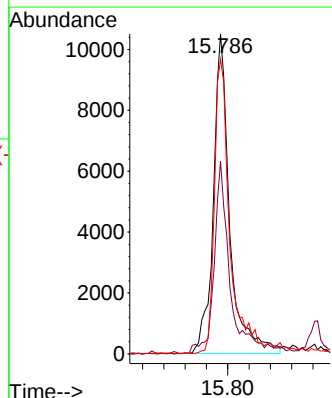
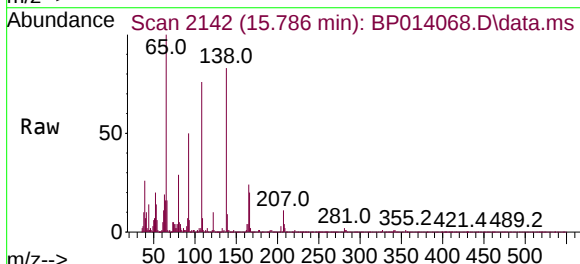
Manual Integrations
APPROVED

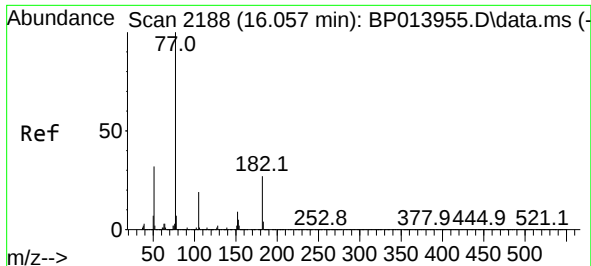
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#62
4-Nitroaniline
Concen: 4.022 ng
RT: 15.786 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

Tgt Ion:138 Resp: 22605
Ion Ratio Lower Upper
138 100
92 60.2 37.9 77.9
108 92.1 94.9 134.9#





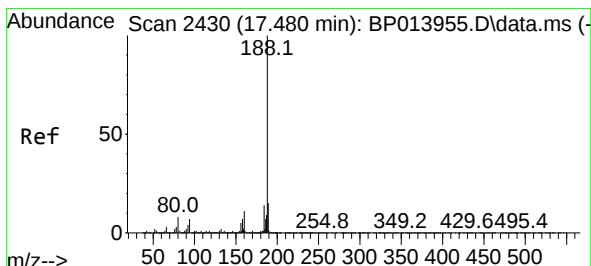
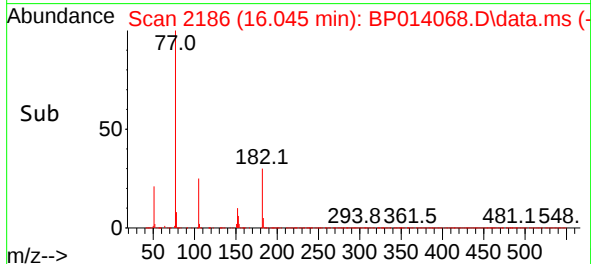
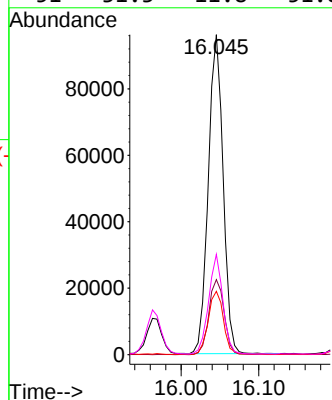
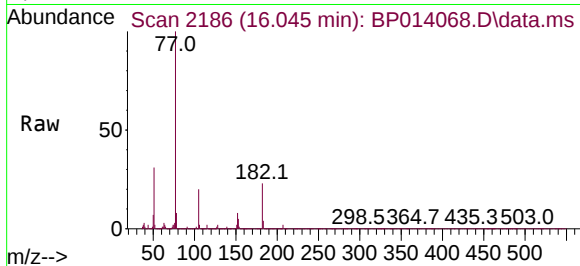
#63
Azobenzene
Concen: 5.095 ng
RT: 16.045 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

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

Tgt Ion: 77 Resp: 127317
Ion Ratio Lower Upper
77 100
182 23.4 6.9 46.9
105 19.8 0.0 39.4
51 31.3 11.8 51.8

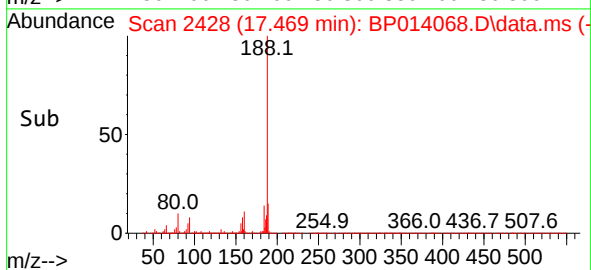
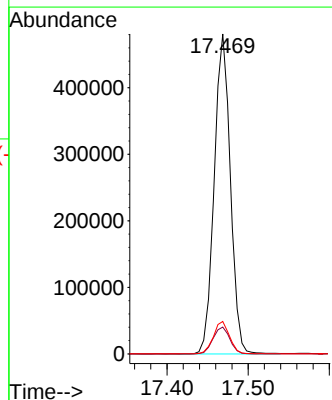
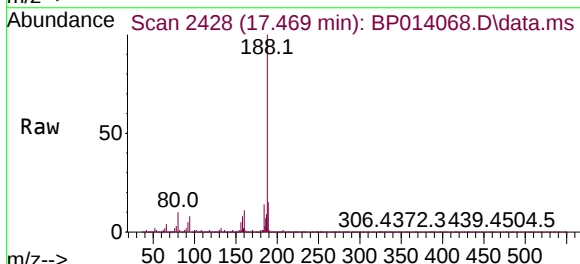
Manual Integrations
APPROVED

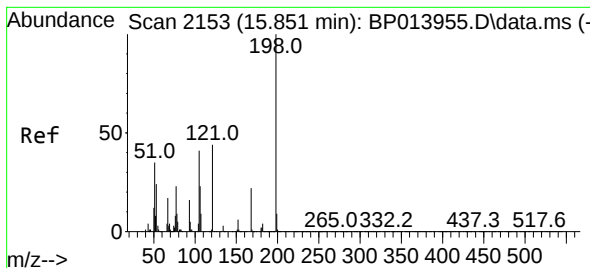
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.469 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

Tgt Ion:188 Resp: 664135
Ion Ratio Lower Upper
188 100
94 8.4 5.8 8.6
80 10.1 6.6 9.8#





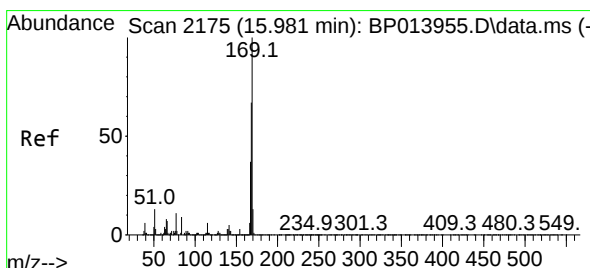
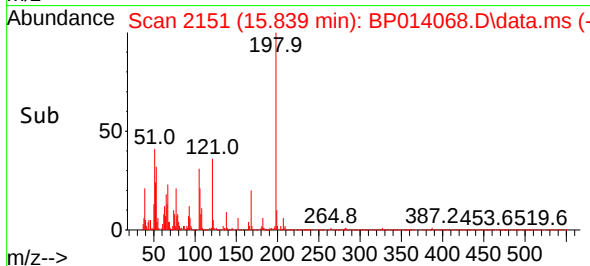
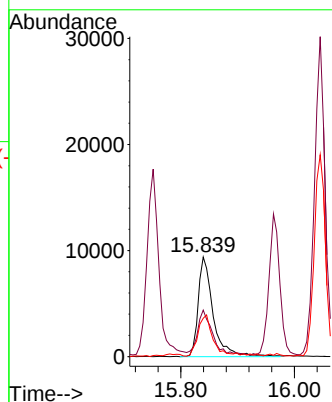
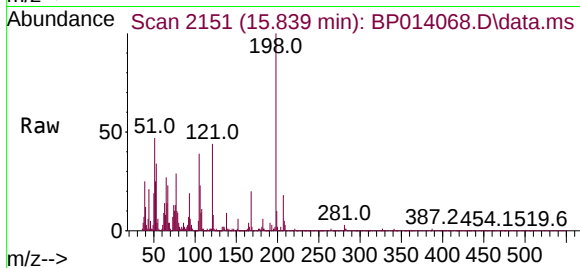
#65
4,6-Dinitro-2-methylphenol
Concen: 3.454 ng
RT: 15.839 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

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

Tgt Ion:198 Resp: 16992
Ion Ratio Lower Upper
198 100
51 46.6 22.1 62.1
105 38.5 21.5 61.5

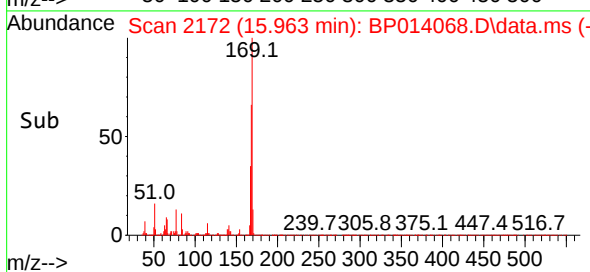
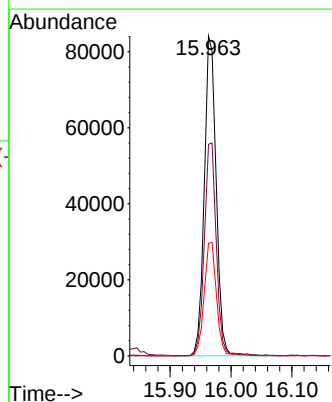
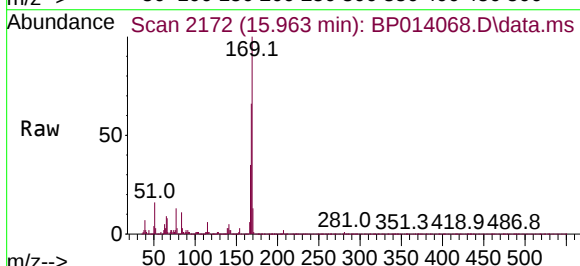
Manual Integrations
APPROVED

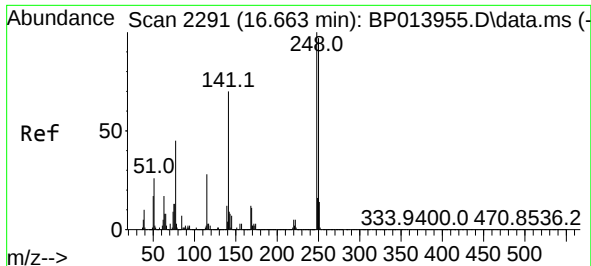
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#66
n-Nitrosodiphenylamine
Concen: 5.434 ng
RT: 15.963 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

Tgt Ion:169 Resp: 114032
Ion Ratio Lower Upper
169 100
168 66.1 54.0 81.0
167 35.2 29.4 44.2





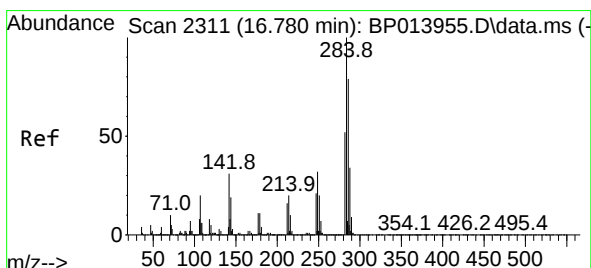
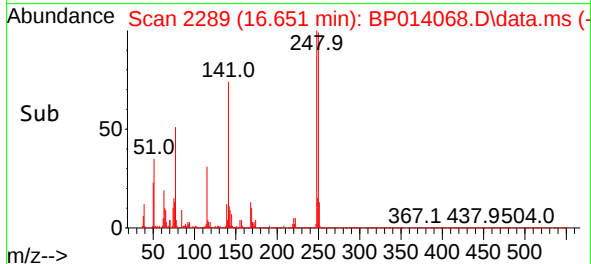
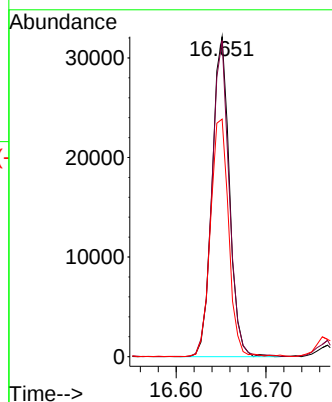
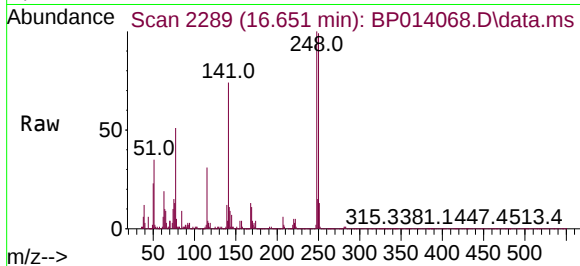
#67
4-Bromophenyl-phenylether
Concen: 4.934 ng
RT: 16.651 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

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

Tgt Ion:248 Resp: 43343
Ion Ratio Lower Upper
248 100
250 98.8 77.9 116.9
141 74.2 56.0 84.0

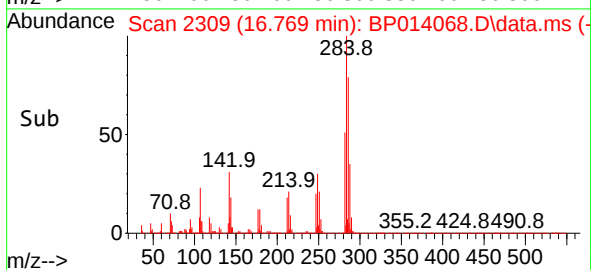
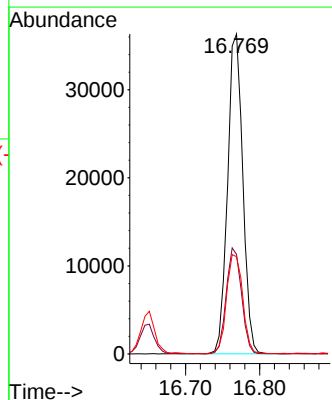
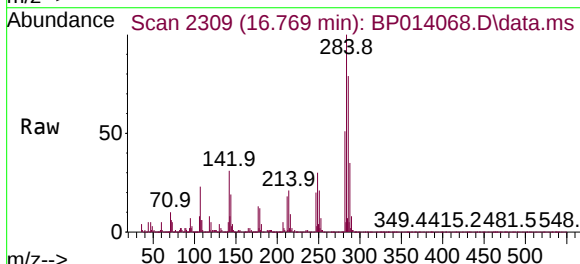
Manual Integrations
APPROVED

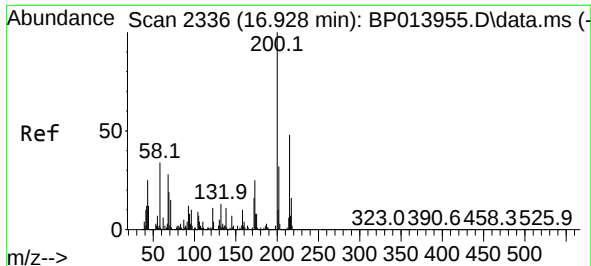
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#68
Hexachlorobenzene
Concen: 5.492 ng
RT: 16.769 min Scan# 2309
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

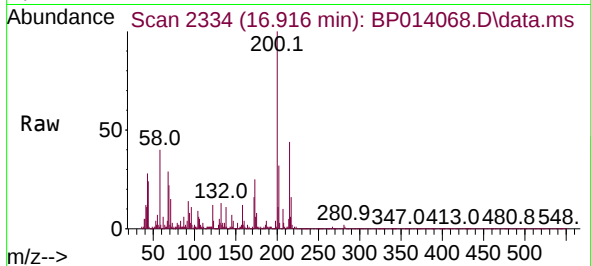
Tgt Ion:284 Resp: 51717
Ion Ratio Lower Upper
284 100
142 31.1 24.8 37.2
249 30.4 25.7 38.5





#69
 Atrazine
 Concen: 4.003 ng
 RT: 16.916 min Scan# 2334
 Delta R.T. 0.000 min
 Lab File: BP014068.D
 Acq: 13 Mar 2023 17:59

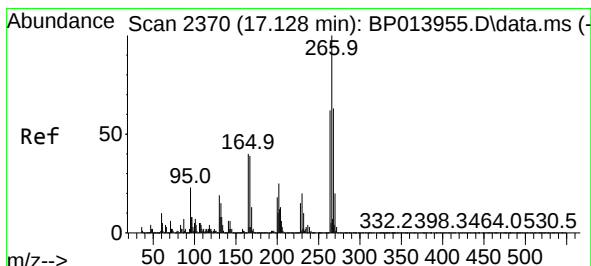
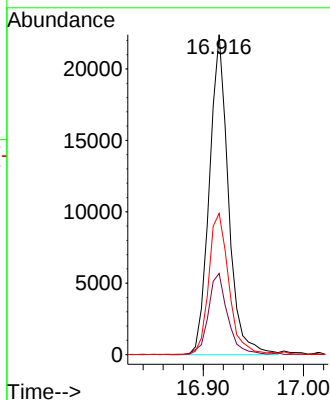
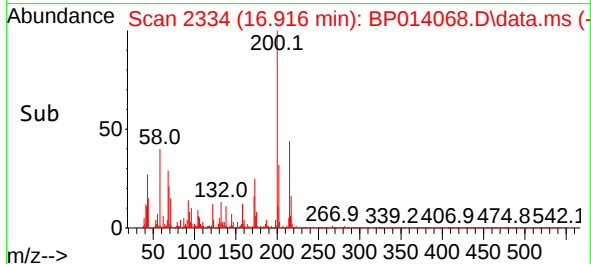
Instrument :
 BNA_P
 ClientSampleId :
 LOQ-WATER-02-QT1-2023



Tgt Ion:200 Resp: 29491
 Ion Ratio Lower Upper
 200 100
 173 25.4 5.5 45.5
 215 44.1 27.9 67.9

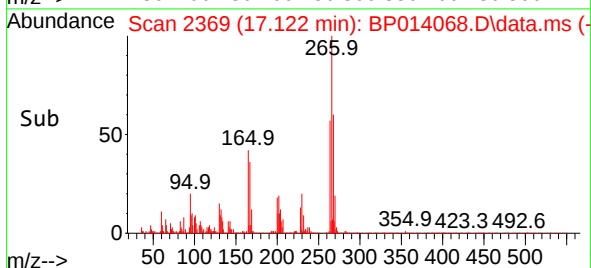
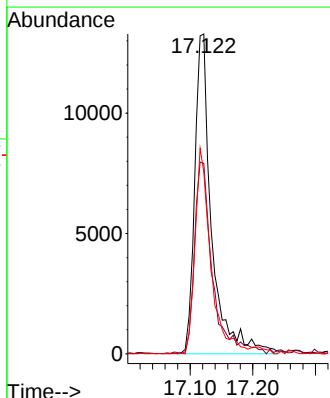
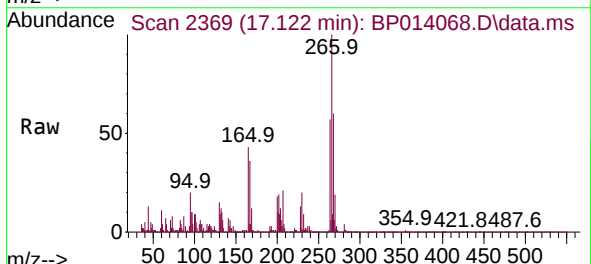
Manual Integrations
 APPROVED

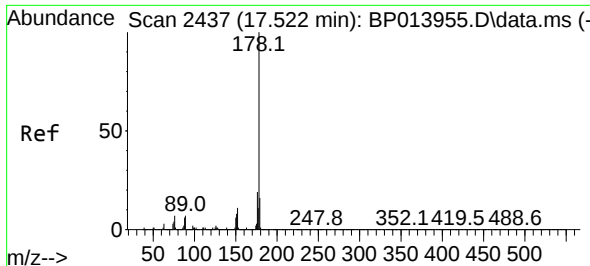
Reviewed By :Christian Giraldo 03/14/2023
 Supervised By :Jagrut Upadhyay 03/14/2023



#70
 Pentachlorophenol
 Concen: 3.674 ng m
 RT: 17.122 min Scan# 2369
 Delta R.T. 0.006 min
 Lab File: BP014068.D
 Acq: 13 Mar 2023 17:59

Tgt Ion:266 Resp: 24947
 Ion Ratio Lower Upper
 266 100
 268 59.5 50.4 75.6
 264 56.8 49.2 73.8





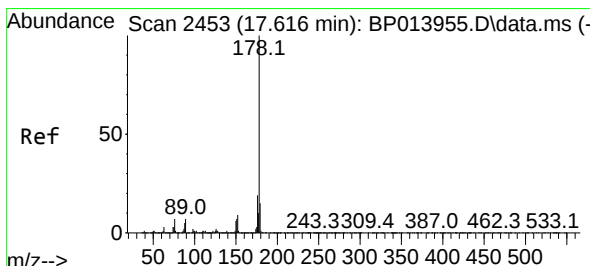
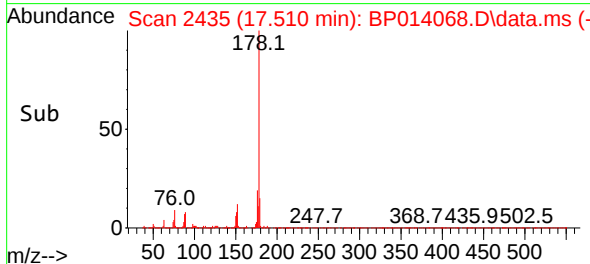
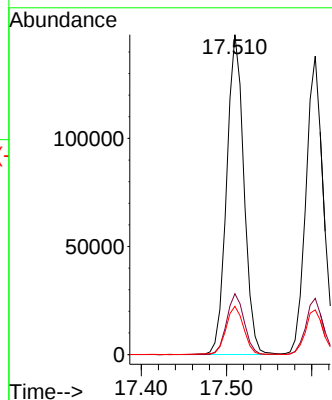
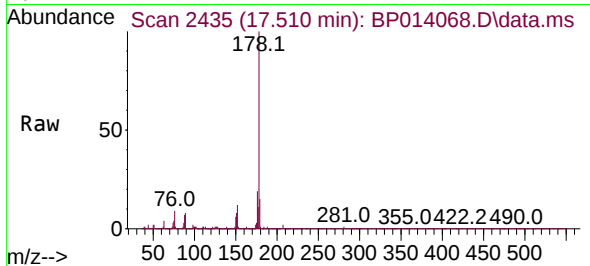
#71
Phenanthrene
Concen: 5.615 ng
RT: 17.510 min Scan# 2437
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

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

Tgt Ion:178 Resp: 208317
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.1 12.6 19.0

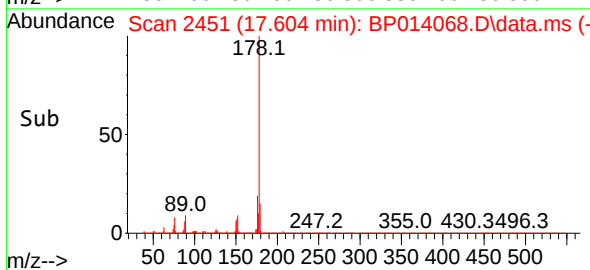
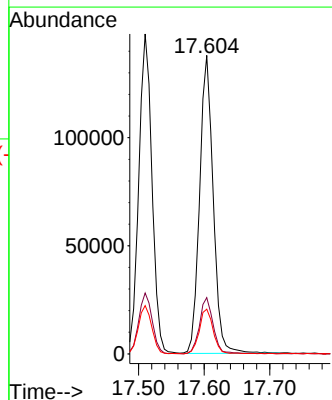
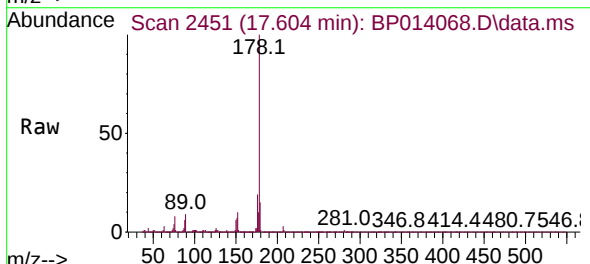
Manual Integrations
APPROVED

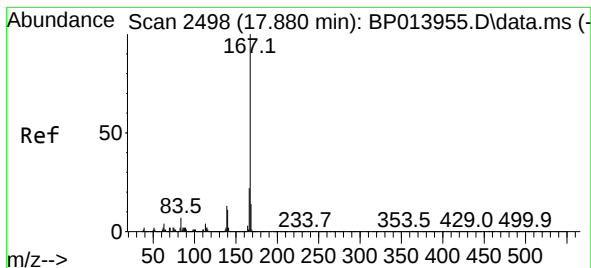
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#72
Anthracene
Concen: 5.215 ng
RT: 17.604 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

Tgt Ion:178 Resp: 197699
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 15.0 12.1 18.1





#73

Carbazole

Concen: 5.109 ng

RT: 17.869 min Scan# 2498

Delta R.T. 0.000 min

Lab File: BP014068.D

Acq: 13 Mar 2023 17:59

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT1-2023

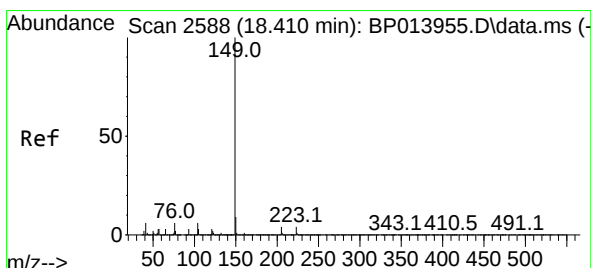
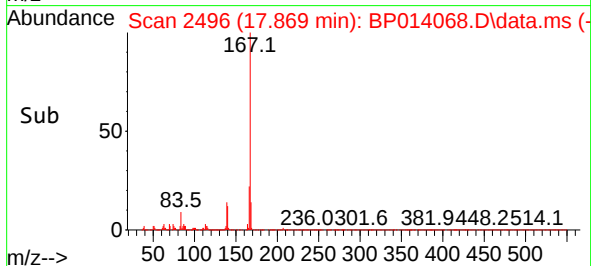
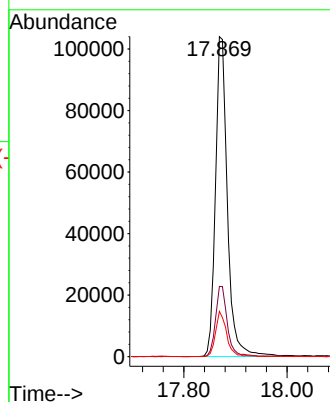
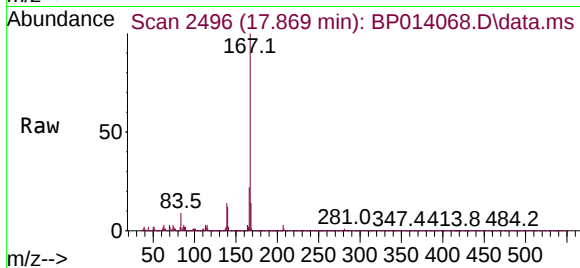
Tgt Ion:	167	Resp:	167082
Ion Ratio	Lower	Upper	
167	100		
166	22.0	17.2	25.8
139	14.1	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#74

Di-n-butylphthalate

Concen: 4.452 ng

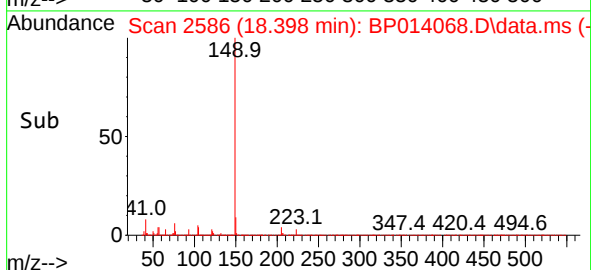
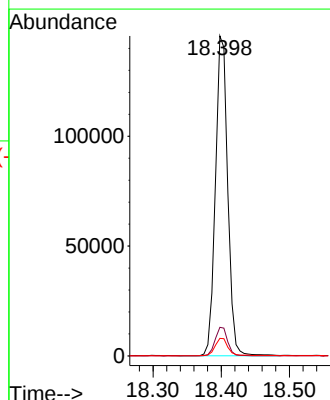
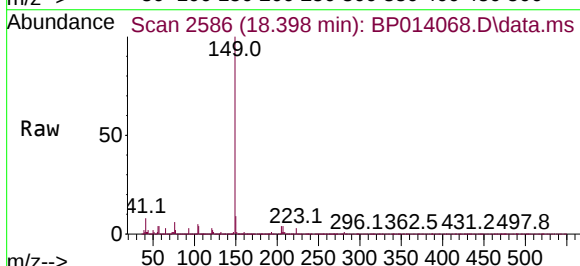
RT: 18.398 min Scan# 2586

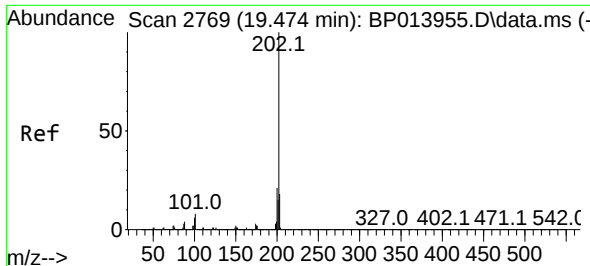
Delta R.T. 0.000 min

Lab File: BP014068.D

Acq: 13 Mar 2023 17:59

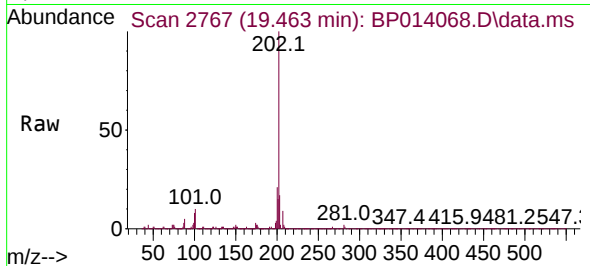
Tgt Ion:	149	Resp:	182008
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.2	10.8
104	5.5	4.6	7.0





#75
Fluoranthene
Concen: 4.827 ng
RT: 19.463 min Scan# 214072
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

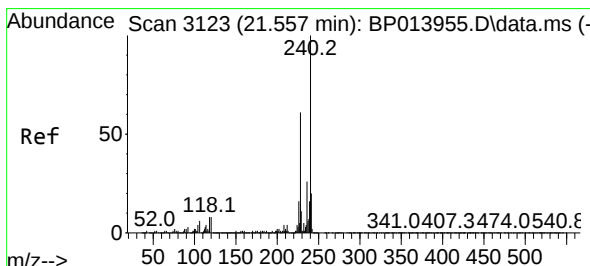
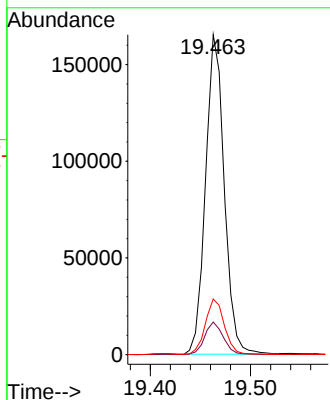
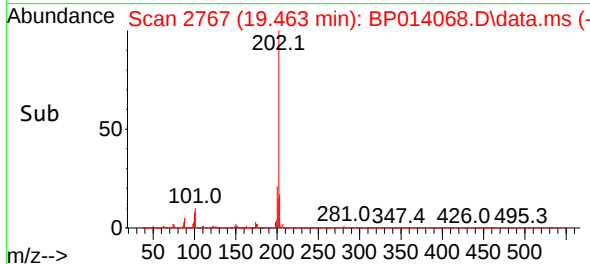
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2023



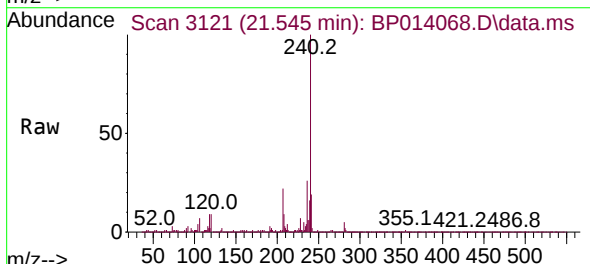
Tgt Ion:202 Resp: 214072
Ion Ratio Lower Upper
202 100
101 10.2 0.0 27.9
203 17.4 0.0 37.7

Manual Integrations
APPROVED

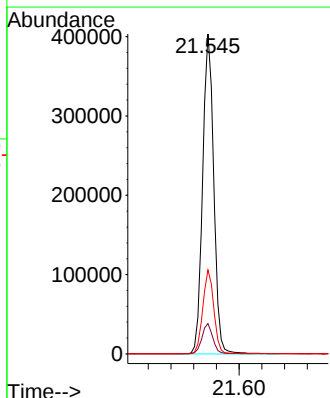
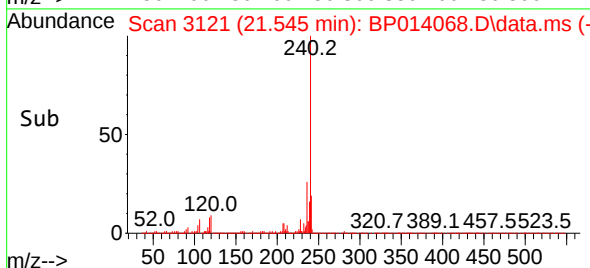
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

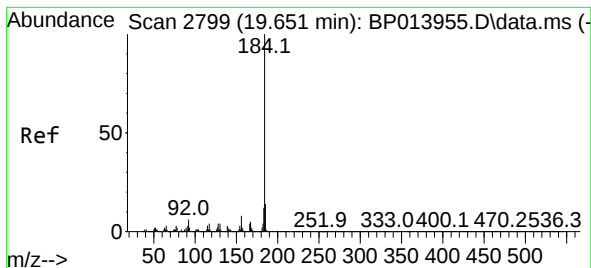


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.545 min Scan# 3121
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59



Tgt Ion:240 Resp: 547113
Ion Ratio Lower Upper
240 100
120 9.5 6.4 9.6
236 26.2 21.2 31.8





#77

Benzidine

Concen: 7.969 ng

RT: 19.645 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP014068.D

Acq: 13 Mar 2023 17:59

Instrument :

BNA_P

ClientSampleId :

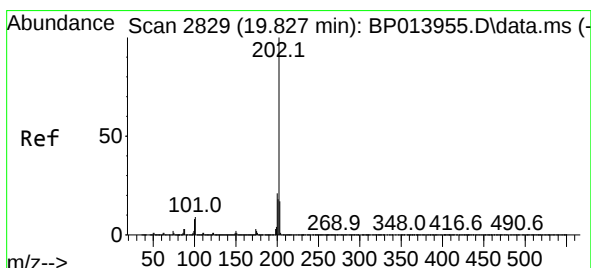
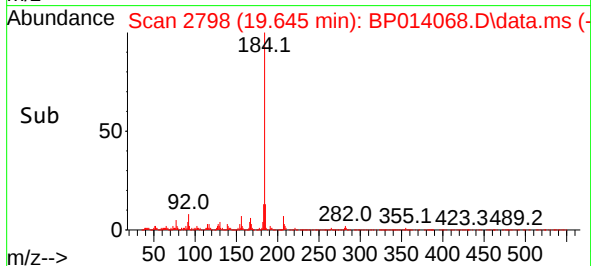
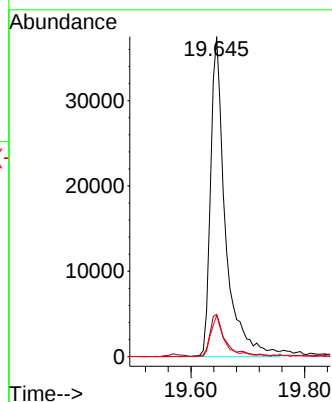
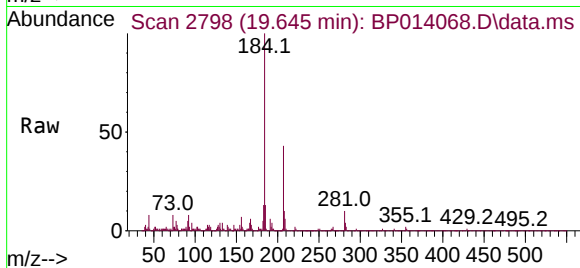
LOQ-WATER-02-QT1-2023

Tgt Ion:	184	Resp:	68213
Ion Ratio	Lower	Upper	
184	100		
185	13.2	11.6	17.4
183	12.9	9.7	14.5

Manual Integrations

APPROVED

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



#78

Pyrene

Concen: 5.420 ng

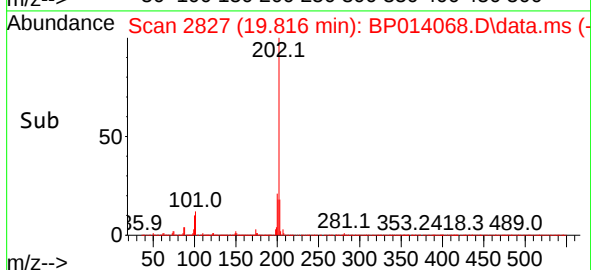
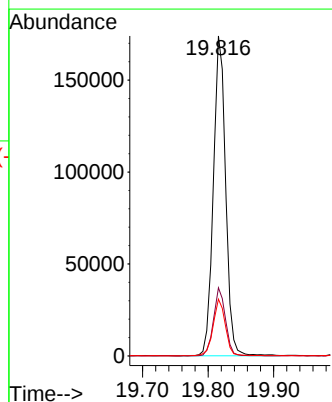
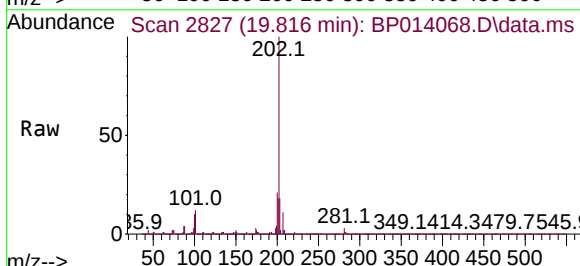
RT: 19.816 min Scan# 2827

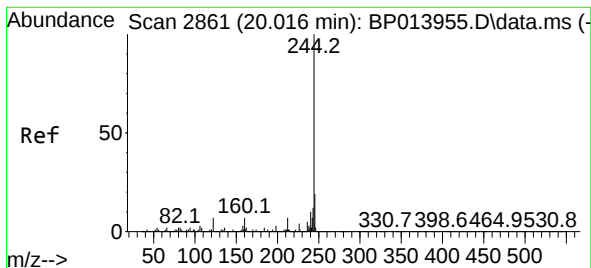
Delta R.T. 0.000 min

Lab File: BP014068.D

Acq: 13 Mar 2023 17:59

Tgt Ion:	202	Resp:	227581
Ion Ratio	Lower	Upper	
202	100		
200	21.3	16.9	25.3
203	17.7	13.9	20.9





#79

Terphenyl-d14

Concen: 74.563 ng

RT: 20.004 min Scan# 2861

Delta R.T. 0.000 min

Lab File: BP014068.D

Acq: 13 Mar 2023 17:59

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion:244 Resp: 2473963

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

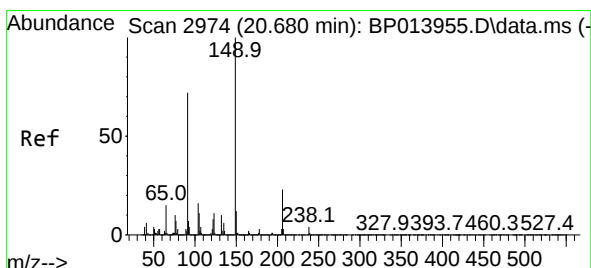
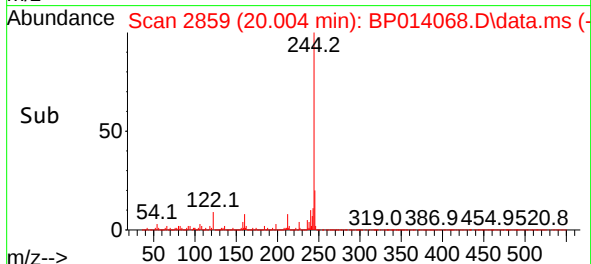
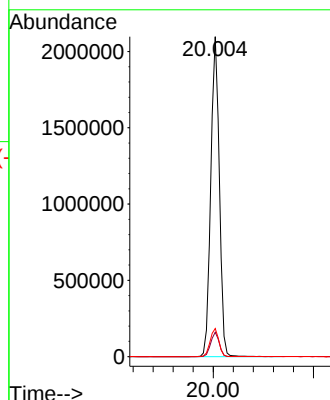
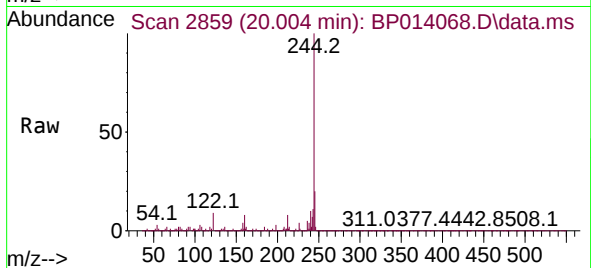
122 8.8 5.8 8.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#80

Butylbenzylphthalate

Concen: 4.243 ng

RT: 20.669 min Scan# 2972

Delta R.T. 0.000 min

Lab File: BP014068.D

Acq: 13 Mar 2023 17:59

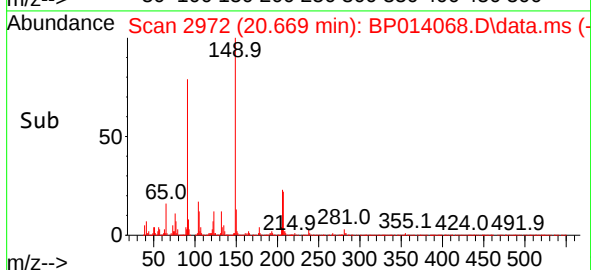
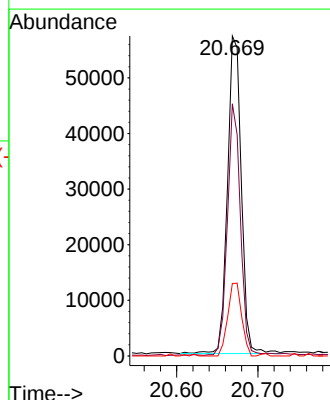
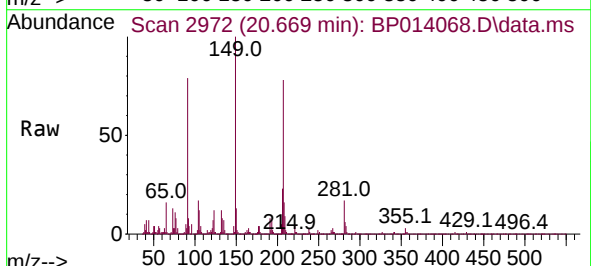
Tgt Ion:149 Resp: 67544

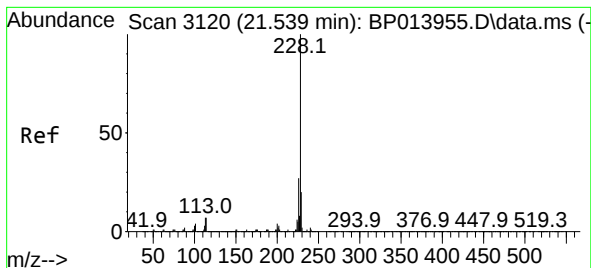
Ion Ratio Lower Upper

149 100

91 78.8 58.0 87.0

206 22.6 18.7 28.1





#81

Benzo(a)anthracene

Concen: 5.196 ng

RT: 21.527 min Scan# 3118

Delta R.T. 0.000 min

Lab File: BP014068.D

Acq: 13 Mar 2023 17:59

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT1-2023

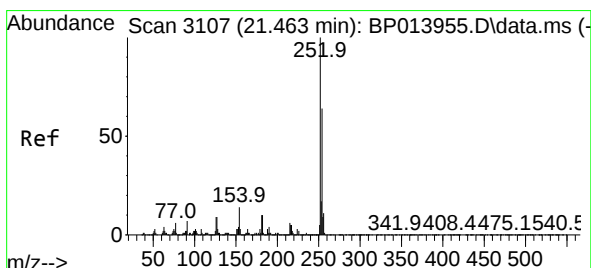
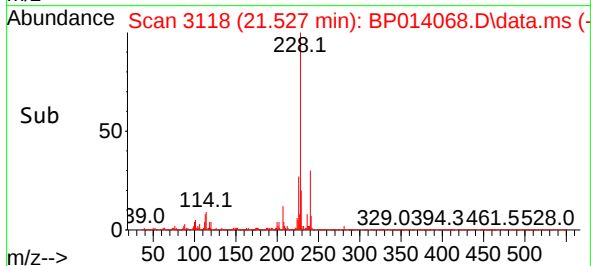
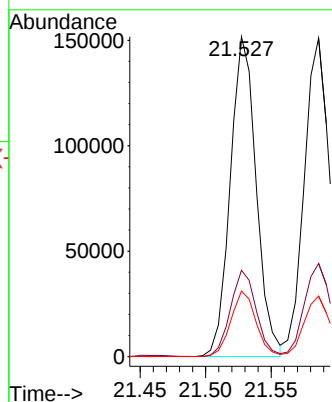
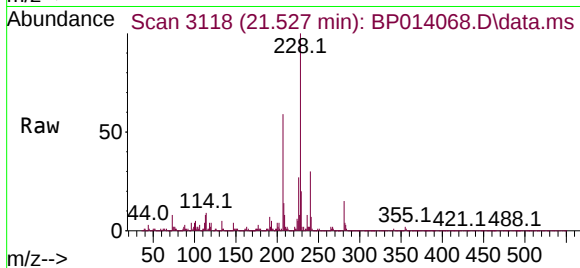
Tgt Ion:	228	Resp:	208598
Ion Ratio	Lower	Upper	
228	100		
226	27.0	21.8	32.8
229	20.5	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#82

3,3'-Dichlorobenzidine

Concen: 4.157 ng

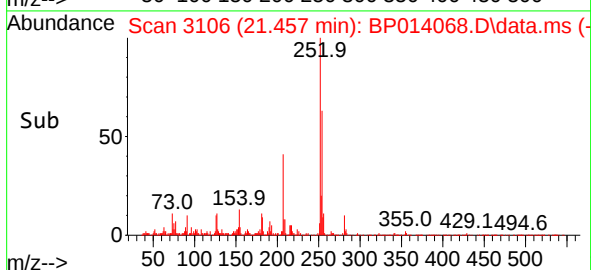
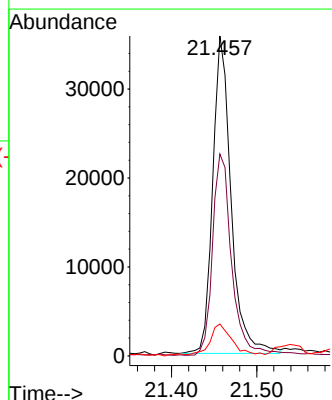
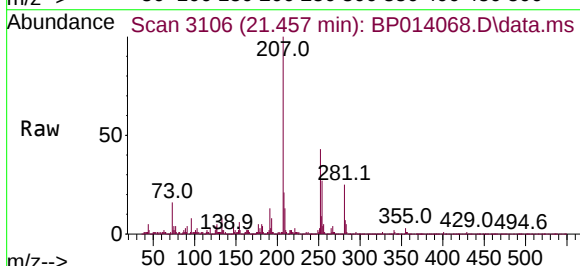
RT: 21.457 min Scan# 3106

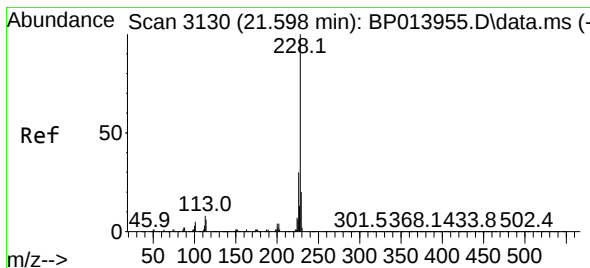
Delta R.T. 0.006 min

Lab File: BP014068.D

Acq: 13 Mar 2023 17:59

Tgt Ion:	252	Resp:	53396
Ion Ratio	Lower	Upper	
252	100		
254	63.1	51.0	76.6
126	10.0	7.0	10.6





#83

Chrysene

Concen: 5.495 ng

RT: 21.586 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP014068.D

Acq: 13 Mar 2023 17:59

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT1-2023

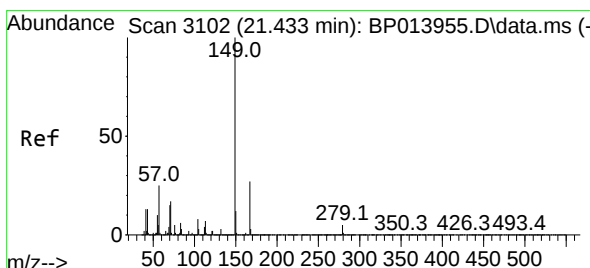
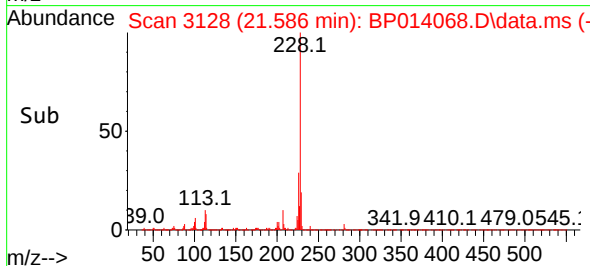
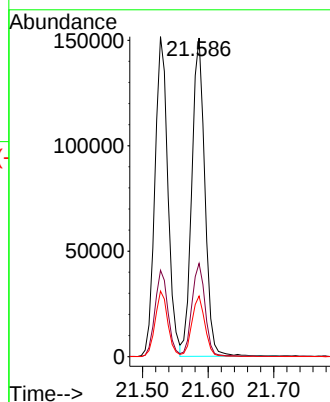
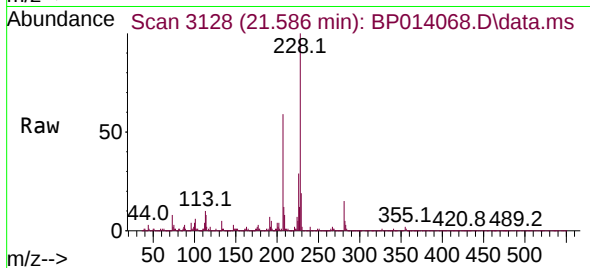
Tgt Ion:	228	Resp:	208884
Ion Ratio	Lower	Upper	
228	100		
226	29.3	24.2	36.4
229	19.0	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.918 ng

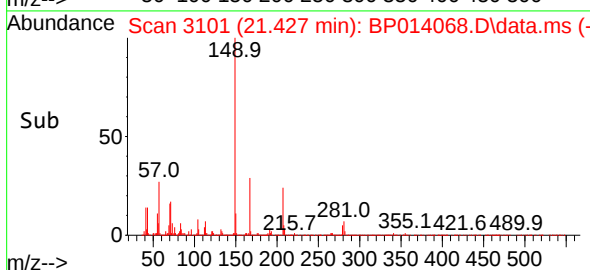
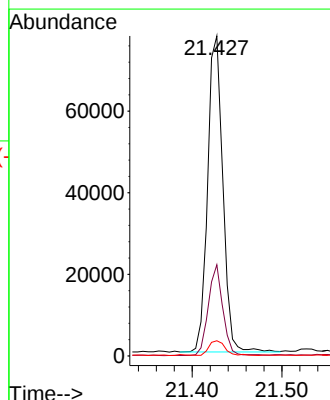
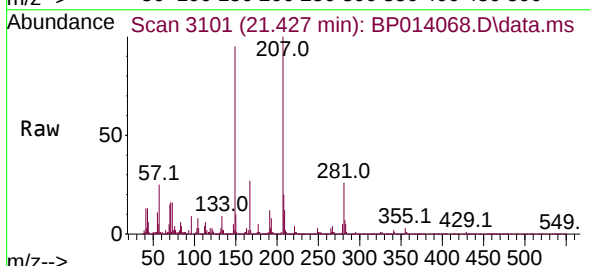
RT: 21.427 min Scan# 3101

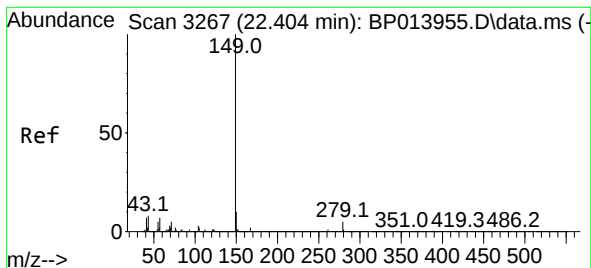
Delta R.T. 0.006 min

Lab File: BP014068.D

Acq: 13 Mar 2023 17:59

Tgt Ion:	149	Resp:	91507
Ion Ratio	Lower	Upper	
149	100		
167	28.5	21.8	32.6
279	4.7	4.0	6.0





#85

Di-n-octyl phthalate

Concen: 3.696 ng

RT: 22.392 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP014068.D

Acq: 13 Mar 2023 17:59

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT1-2023

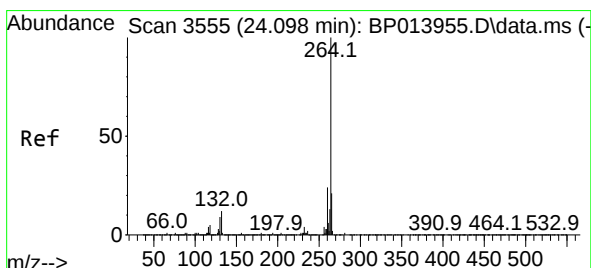
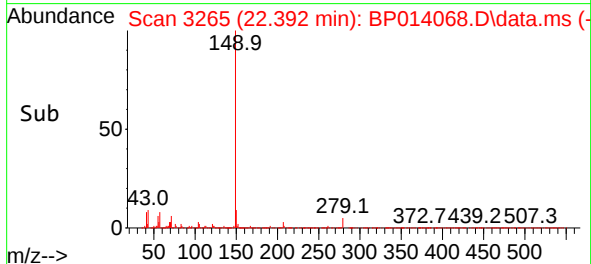
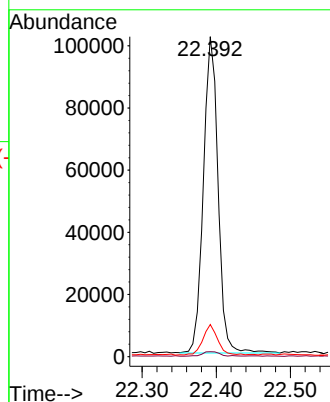
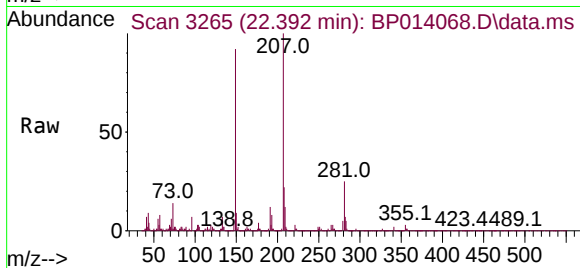
Tgt Ion:	149	Resp:	140134
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	9.5	6.4	9.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#86

Perylene-d12

Concen: 20.000 ng

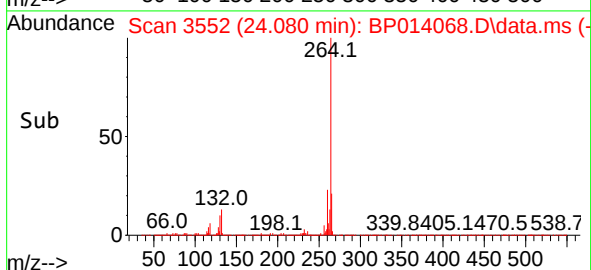
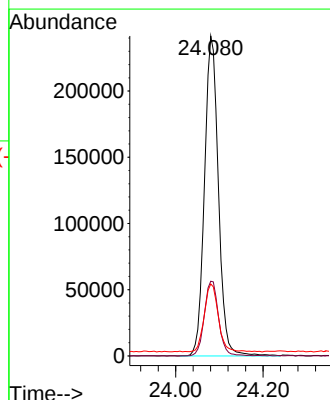
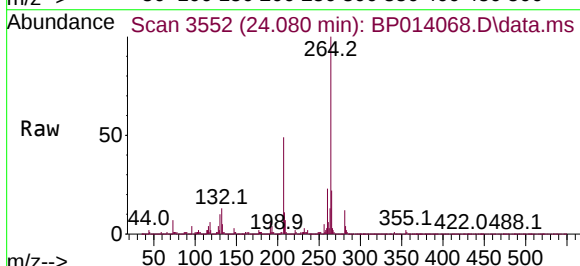
RT: 24.080 min Scan# 3552

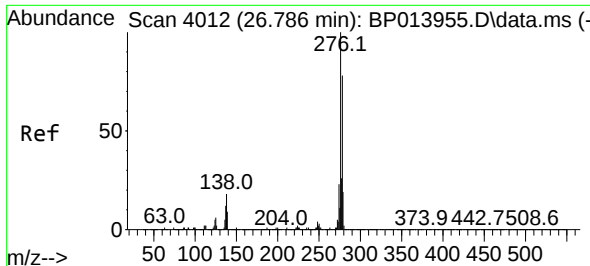
Delta R.T. 0.000 min

Lab File: BP014068.D

Acq: 13 Mar 2023 17:59

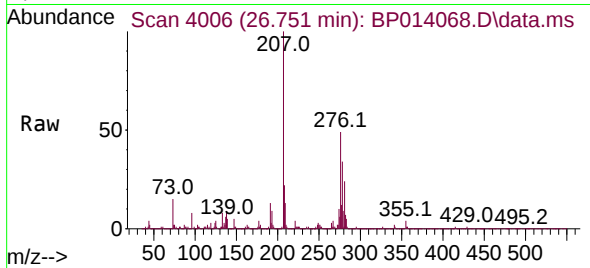
Tgt Ion:	264	Resp:	531068
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.4	29.2
265	22.5	17.8	26.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 5.299 ng
RT: 26.751 min Scan# 4012
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

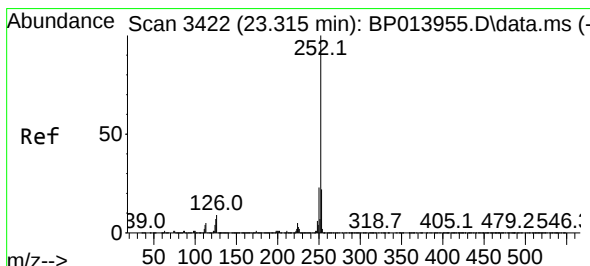
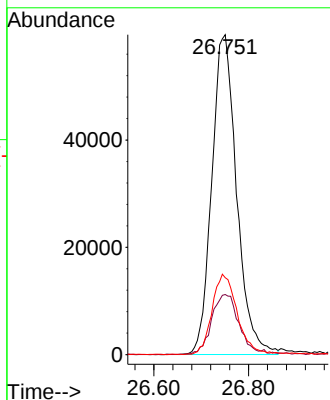
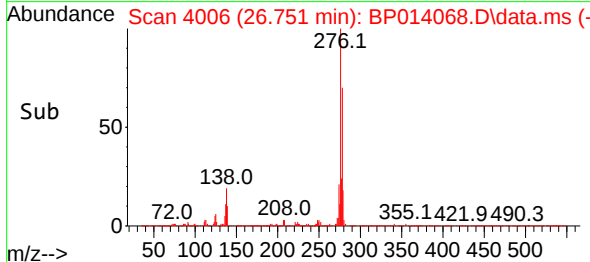
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2023



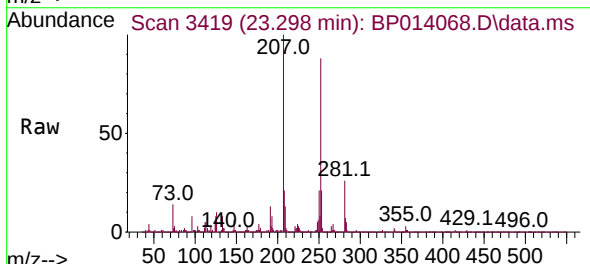
Tgt Ion: 276 Resp: 21742
Ion Ratio Lower Upper
276 100
138 20.5 13.8 20.8
277 25.6 20.4 30.6

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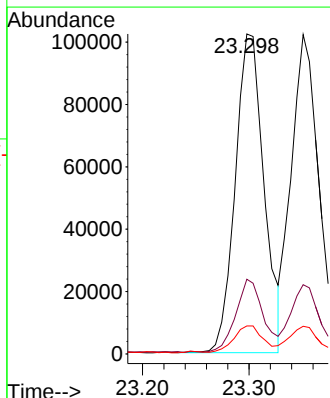
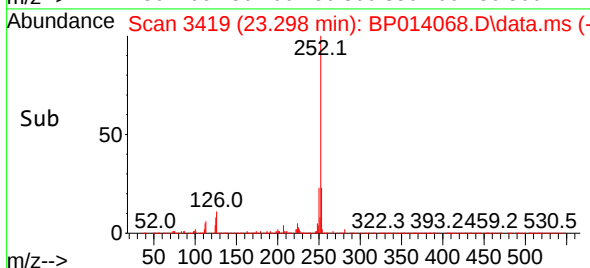
Reviewed By : Christian Giraldo 03/14/2023
Supervised By : Jagrut Upadhyay 03/14/2023

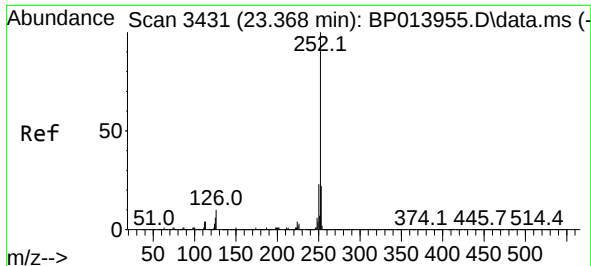


#88
Benzo(b)fluoranthene
Concen: 5.517 ng
RT: 23.298 min Scan# 3419
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59



Tgt Ion: 252 Resp: 191840
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 8.7 5.6 8.4





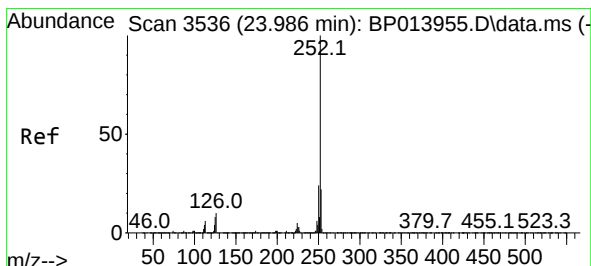
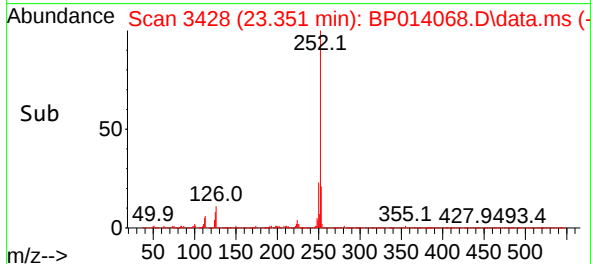
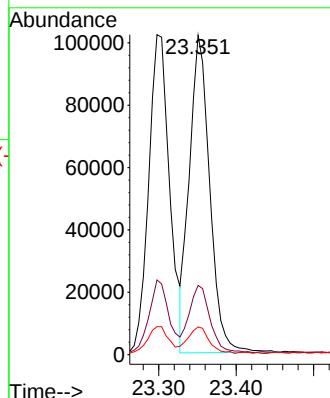
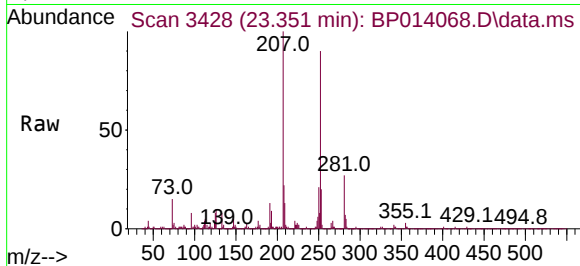
#89
Benzo(k)fluoranthene
Concen: 5.403 ng
RT: 23.351 min Scan# 3431
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

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

Tgt Ion:252 Resp: 186295
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 8.6 5.4 8.0

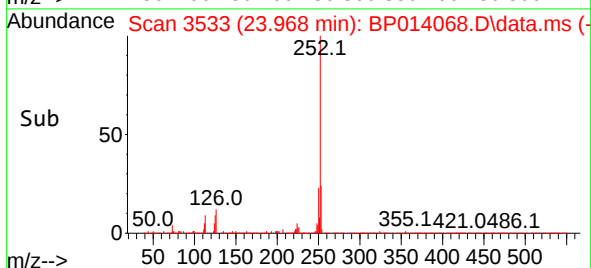
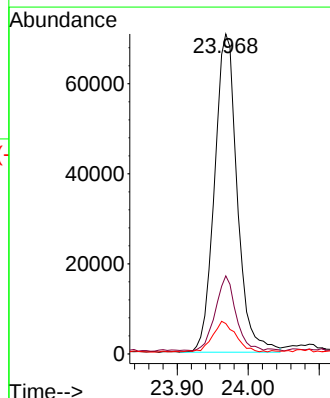
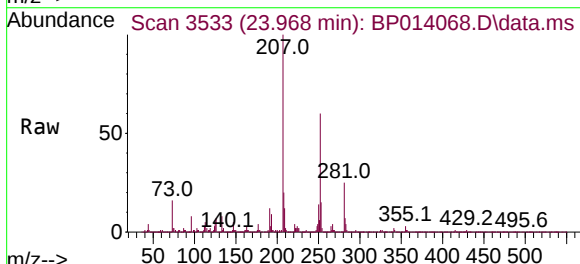
Manual Integrations
APPROVED

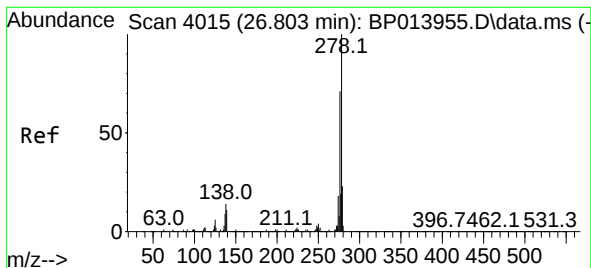
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#90
Benzo(a)pyrene
Concen: 4.734 ng
RT: 23.968 min Scan# 3533
Delta R.T. 0.000 min
Lab File: BP014068.D
Acq: 13 Mar 2023 17:59

Tgt Ion:252 Resp: 157007
Ion Ratio Lower Upper
252 100
253 24.4 17.4 26.2
125 9.5 6.2 9.4





#91

Dibenzo(a,h)anthracene

Concen: 5.282 ng

RT: 26.762 min Scan# 4015

Delta R.T. 0.000 min

Lab File: BP014068.D

Acq: 13 Mar 2023 17:59

Instrument :

BNP_P

ClientSampleId :

LOQ-WATER-02-QT1-2023

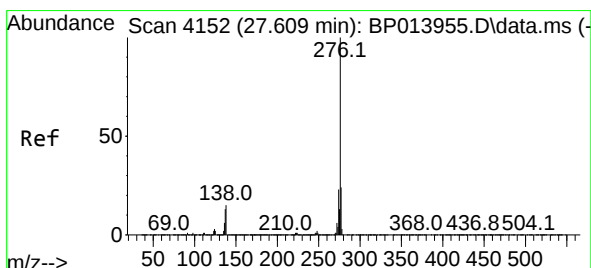
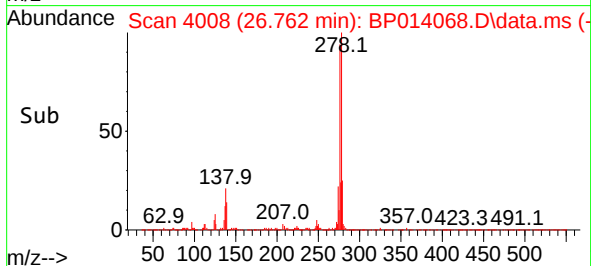
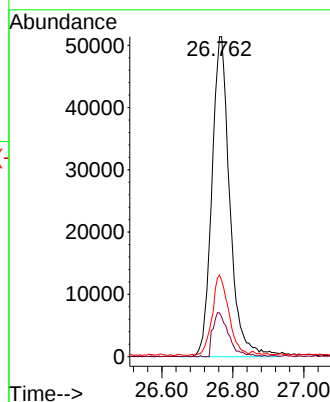
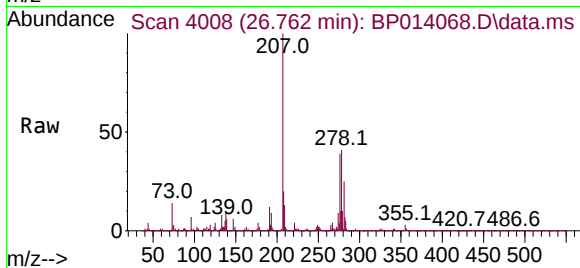
Tgt Ion:	278	Resp:	180190
Ion Ratio	Lower	Upper	
278	100		
139	13.6	8.7	13.1
279	25.5	18.8	28.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#92

Benzo(g,h,i)perylene

Concen: 5.304 ng

RT: 27.568 min Scan# 4145

Delta R.T. 0.000 min

Lab File: BP014068.D

Acq: 13 Mar 2023 17:59

Tgt Ion:	276	Resp:	179330
Ion Ratio	Lower	Upper	
276	100		
277	23.9	19.4	29.0
138	17.2	12.2	18.4

