

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031423\
 Data File : BP014080.D
 Acq On : 14 Mar 2023 12:49
 Operator : CG/JU
 Sample : 01627-09
 Misc : MDL-MDL-WATER 4ppm
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT1-2023

Quant Time: Mar 15 04:04:03 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 :Yogesh Patel 03/15/2023
 Supervised By :Jagrut Upadhyay 03/15/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	165154	20.000	ng	0.00
21) Naphthalene-d8	10.893	136	596496	20.000	ng	# 0.00
39) Acenaphthene-d10	14.710	164	391830	20.000	ng	0.00
64) Phenanthrene-d10	17.463	188	847456	20.000	ng	# 0.00
76) Chrysene-d12	21.545	240	720410	20.000	ng	0.00
86) Perylene-d12	24.080	264	652088	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.611	112	1120432	110.022	ng	0.00
7) Phenol-d6	7.222	99	1456390	108.926	ng	0.00
23) Nitrobenzene-d5	9.246	82	1085518	83.176	ng	0.00
42) 2,4,6-Tribromophenol	16.204	330	683547	107.595	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	2389357	79.004	ng	0.00
79) Terphenyl-d14	20.004	244	3525080	80.686	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.470	88	17086	3.862	ng	92
3) Pyridine	3.905	79	37354m	3.040	ng	
4) n-Nitrosodimethylamine	3.793	42	18782	3.444	ng	# 90
6) Aniline	7.393	93	61951	3.527	ng	99
8) 2-Chlorophenol	7.628	128	40404	3.704	ng	93
9) Benzaldehyde	7.211	77	41504	6.203	ng	97
10) Phenol	7.246	94	52807	3.795	ng	94
11) bis(2-Chloroethyl)ether	7.487	93	43037	3.906	ng	96
12) 1,3-Dichlorobenzene	7.958	146	47452	3.959	ng	99
13) 1,4-Dichlorobenzene	8.105	146	48178	3.973	ng	98
14) 1,2-Dichlorobenzene	8.422	146	47074	4.053	ng	97
15) Benzyl Alcohol	8.316	79	34846	3.197	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.593	45	54048	4.506	ng	95
17) 2-Methylphenol	8.511	107	32252	3.250	ng	96
18) Hexachloroethane	9.158	117	17050	3.743	ng	95
19) n-Nitroso-di-n-propyla...	8.875	70	32380	3.679	ng	# 96
20) 3+4-Methylphenols	8.840	107	41701	3.120	ng	93
22) Acetophenone	8.899	105	63703	3.807	ng	# 95
24) Nitrobenzene	9.287	77	55985	4.193	ng	97
25) Isophorone	9.810	82	85786	3.567	ng	98
26) 2-Nitrophenol	10.005	139	18894	3.253	ng	94
27) 2,4-Dimethylphenol	10.057	122	33476	3.545	ng	92
28) bis(2-Chloroethoxy)met...	10.293	93	53927	3.875	ng	96
29) 2,4-Dichlorophenol	10.546	162	31643	3.061	ng	98
30) 1,2,4-Trichlorobenzene	10.752	180	43984	3.747	ng	98
31) Naphthalene	10.946	128	128507	3.921	ng	99
32) Benzoic acid	10.175	122	9458m	3.842	ng	
33) 4-Chloroaniline	11.063	127	43252	3.078	ng	96
34) Hexachlorobutadiene	11.222	225	29911	3.505	ng	97
35) Caprolactam	11.834	113	9585m	3.239	ng	
36) 4-Chloro-3-methylphenol	12.169	107	38980	3.381	ng	98
37) 2-Methylnaphthalene	12.540	142	87205	3.606	ng	96
38) 1-Methylnaphthalene	12.757	142	82807	3.674	ng	99
40) 1,2,4,5-Tetrachloroben...	12.904	216	54060	3.620	ng	98
41) Hexachlorocyclopentadiene	12.881	237	27212	2.903	ng	99
43) 2,4,6-Trichlorophenol	13.146	196	29332	3.107	ng	99

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Instrument :
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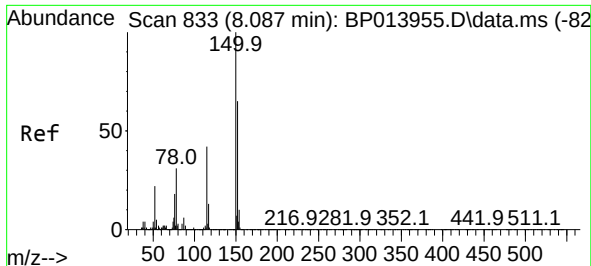
Quant Time: Mar 15 04:04:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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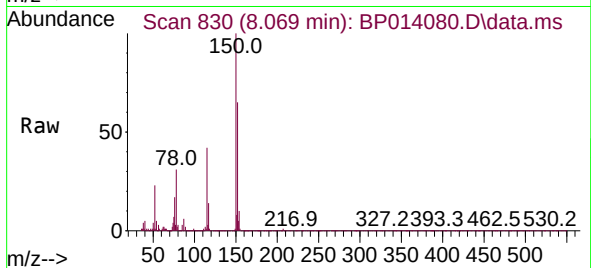
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.222	196	29819	2.726	ng	97
46) 1,1'-Biphenyl	13.546	154	126724	4.018	ng	96
47) 2-Chloronaphthalene	13.587	162	93665	3.858	ng	99
48) 2-Nitroaniline	13.798	65	22548	3.060	ng	97
49) Acenaphthylene	14.434	152	136939	3.547	ng	98
50) Dimethylphthalate	14.157	163	117070	3.622	ng	99
51) 2,6-Dinitrotoluene	14.281	165	21370	3.139	ng	95
52) Acenaphthene	14.769	154	87618	3.770	ng	97
53) 3-Nitroaniline	14.622	138	18116	2.715	ng	99
54) 2,4-Dinitrophenol	14.840	184	7438	4.495	ng	92
55) Dibenzofuran	15.104	168	144976	3.826	ng	97
56) 4-Nitrophenol	14.945	139	11897	2.190	ng	# 79
57) 2,4-Dinitrotoluene	15.069	165	26809	2.946	ng	# 97
58) Fluorene	15.757	166	112685	3.745	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.334	232	30794	3.227	ng	97
60) Diethylphthalate	15.516	149	113383	3.553	ng	99
61) 4-Chlorophenyl-phenyle...	15.745	204	59896	3.512	ng	95
62) 4-Nitroaniline	15.787	138	17528m	2.639	ng	
63) Azobenzene	16.040	77	104969	3.554	ng	95
65) 4,6-Dinitro-2-methylph...	15.840	198	13418	2.138	ng	83
66) n-Nitrosodiphenylamine	15.963	169	95658	3.572	ng	100
67) 4-Bromophenyl-phenylether	16.645	248	36613	3.266	ng	93
68) Hexachlorobenzene	16.763	284	44883	3.735	ng	98
69) Atrazine	16.910	200	32120	3.416	ng	97
70) Pentachlorophenol	17.116	266	20322	2.345	ng	94
71) Phenanthrene	17.504	178	181914	3.842	ng	99
72) Anthracene	17.598	178	170650	3.528	ng	98
73) Carbazole	17.869	167	141472	3.390	ng	100
74) Di-n-butylphthalate	18.398	149	160285	3.072	ng	99
75) Fluoranthene	19.463	202	193142	3.413	ng	97
77) Benzidine	19.639	184	71955	6.937	ng	99
78) Pyrene	19.816	202	204257	3.694	ng	100
80) Butylbenzylphthalate	20.669	149	58207	2.777	ng	94
81) Benzo(a)anthracene	21.527	228	186532	3.529	ng	98
82) 3,3'-Dichlorobenzidine	21.457	252	59195	3.500	ng	97
83) Chrysene	21.580	228	183268	3.661	ng	99
84) Bis(2-ethylhexyl)phtha...	21.422	149	78875	2.565	ng	98
85) Di-n-octyl phthalate	22.392	149	113757	2.279	ng	96
87) Indeno(1,2,3-cd)pyrene	26.745	276	152629	3.029	ng	97
88) Benzo(b)fluoranthene	23.298	252	156443	3.664	ng	97
89) Benzo(k)fluoranthene	23.351	252	166667m	3.937	ng	
90) Benzo(a)pyrene	23.963	252	129246	3.173	ng	# 96
91) Dibenzo(a,h)anthracene	26.762	278	127048	3.033	ng	# 97
92) Benzo(g,h,i)perylene	27.568	276	128239	3.089	ng	# 97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.069 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

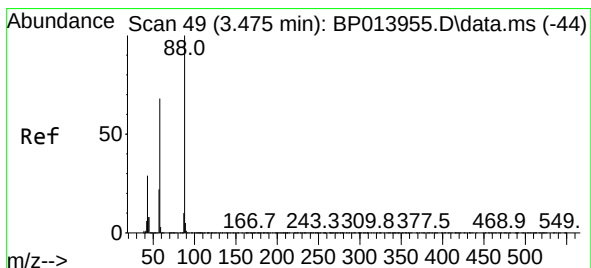
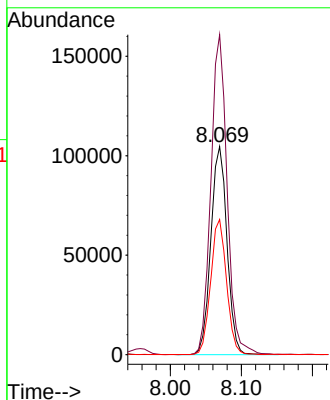
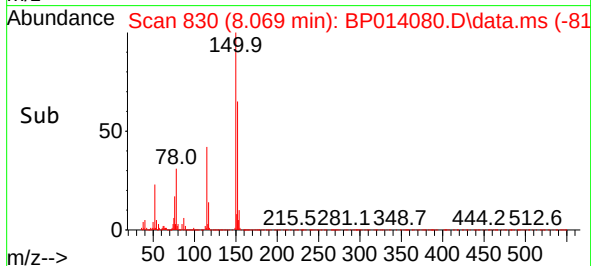
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023



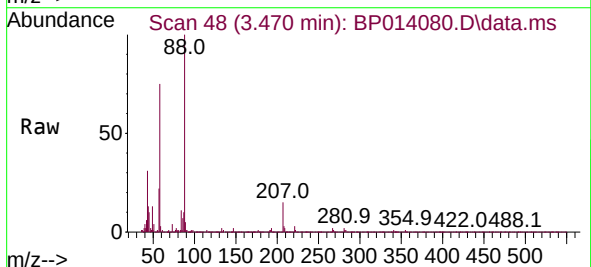
Tgt Ion:152 Resp: 165154
Ion Ratio Lower Upper
152 100
150 153.7 122.3 183.5
115 64.9 51.6 77.4

Manual Integrations
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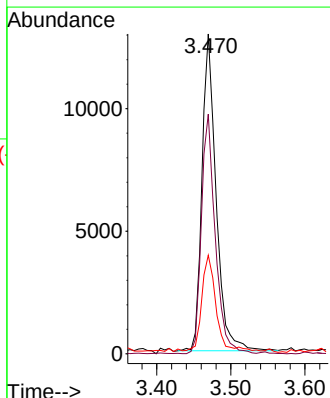
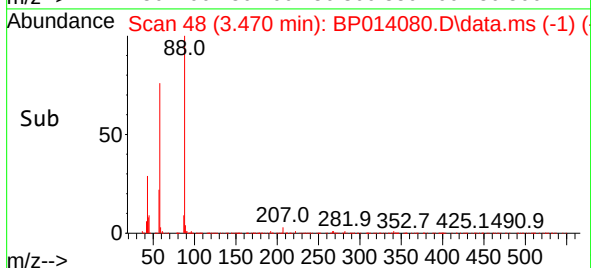
Reviewed By :Yogesh Patel 03/15/2023
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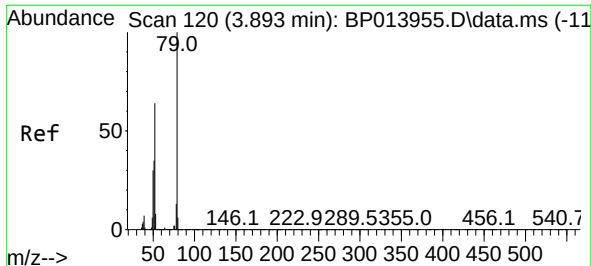


#2
1,4-Dioxane
Concen: 3.862 ng
RT: 3.470 min Scan# 48
Delta R.T. 0.000 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49



Tgt Ion: 88 Resp: 17086
Ion Ratio Lower Upper
88 100
58 74.4 53.8 80.8
43 29.8 22.1 33.1





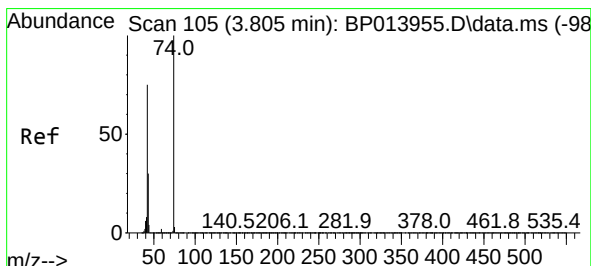
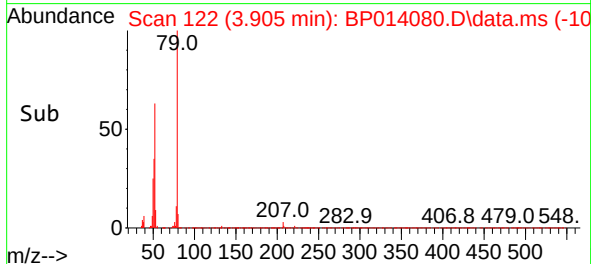
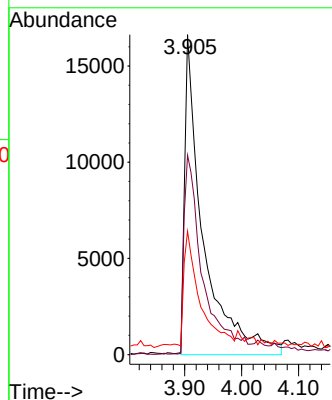
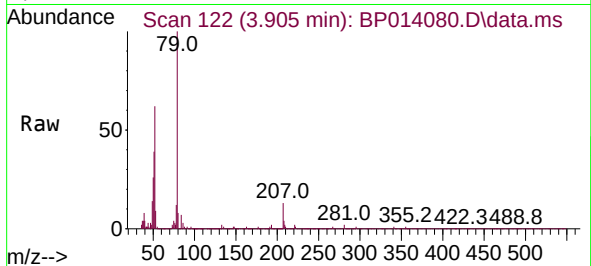
#3
Pyridine
Concen: 3.040 ng m
RT: 3.905 min Scan# 11
Delta R.T. 0.018 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion: 79 Resp: 37354
Ion Ratio Lower Upper
79 100
52 62.3 51.0 76.4
51 38.6 28.2 42.2

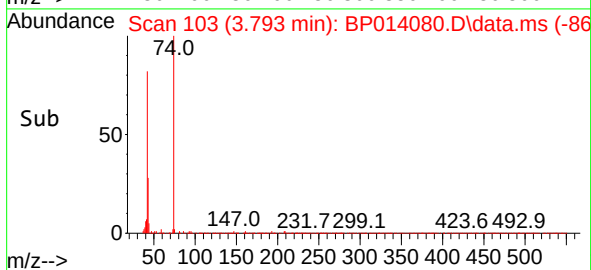
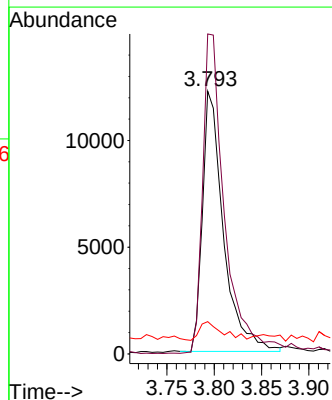
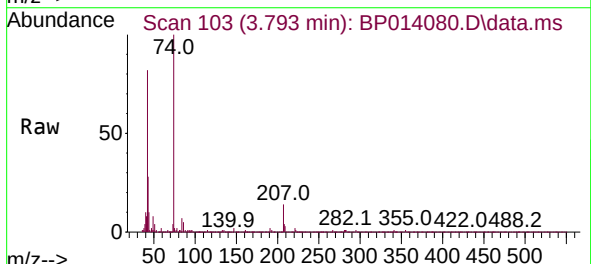
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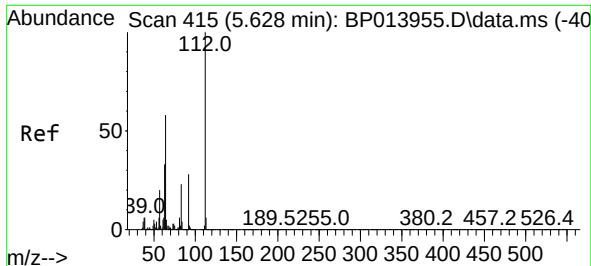
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#4
n-Nitrosodimethylamine
Concen: 3.444 ng
RT: 3.793 min Scan# 103
Delta R.T. 0.000 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion: 42 Resp: 18782
Ion Ratio Lower Upper
42 100
74 121.9 107.0 160.6
44 12.3 4.5 6.7#





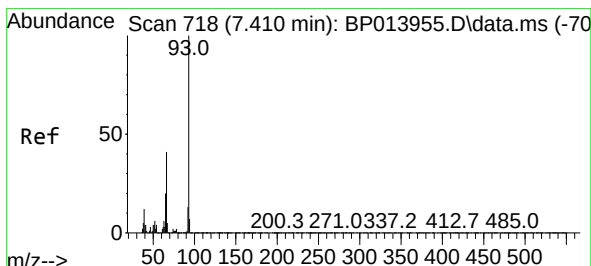
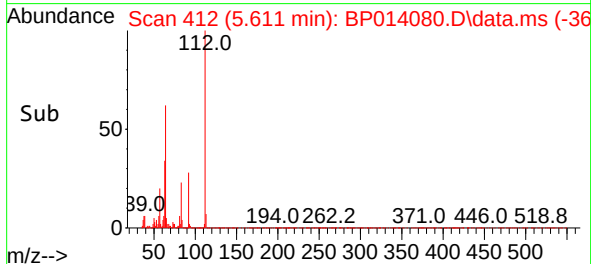
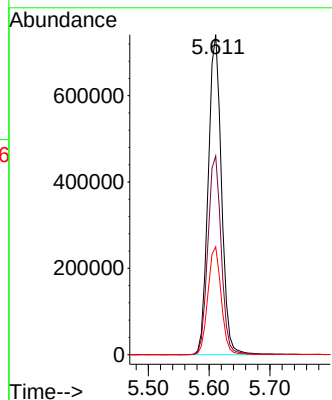
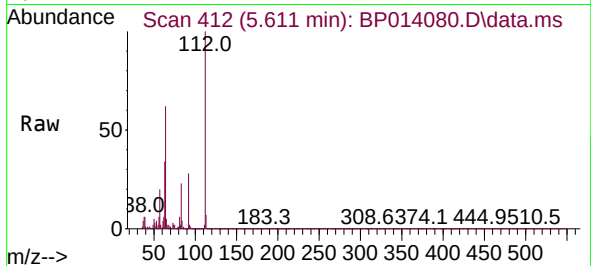
#5
2-Fluorophenol
Concen: 110.022 ng
RT: 5.611 min Scan# 411
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion:112 Resp: 1120432
Ion Ratio Lower Upper
112 100
64 62.1 46.7 70.1
63 33.7 26.6 40.0

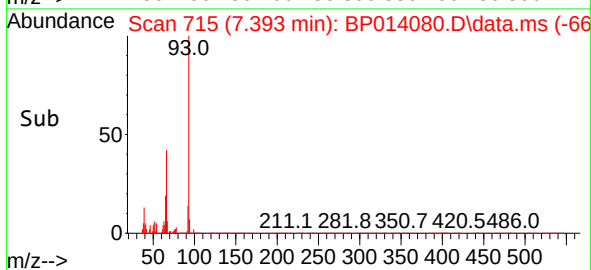
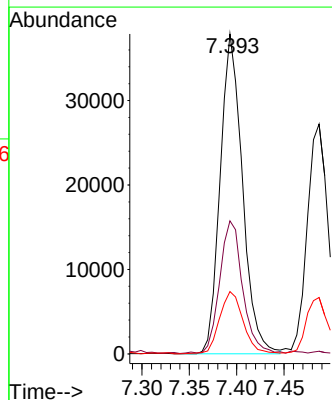
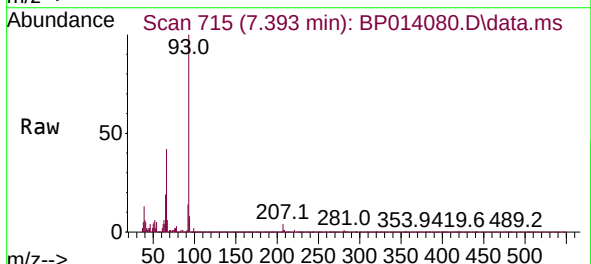
Manual Integrations
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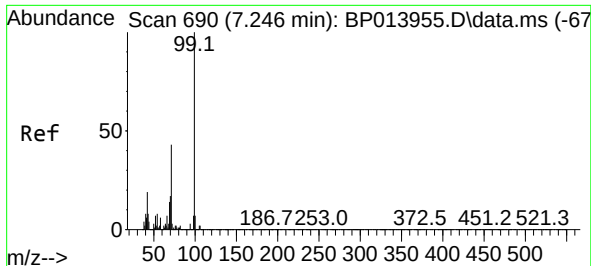
Reviewed By :Yogesh Patel 03/15/2023
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#6
Aniline
Concen: 3.527 ng
RT: 7.393 min Scan# 715
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

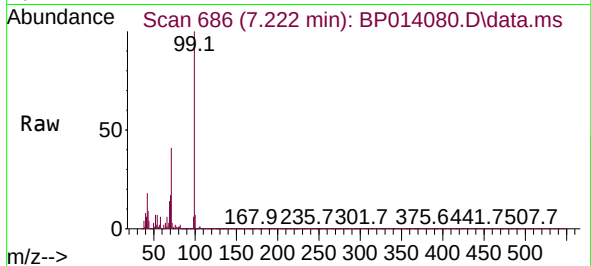
Tgt Ion: 93 Resp: 61951
Ion Ratio Lower Upper
93 100
66 41.6 32.6 48.8
65 19.5 16.0 24.0





#7
Phenol-d6
Concen: 108.926 ng
RT: 7.222 min Scan# 686
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

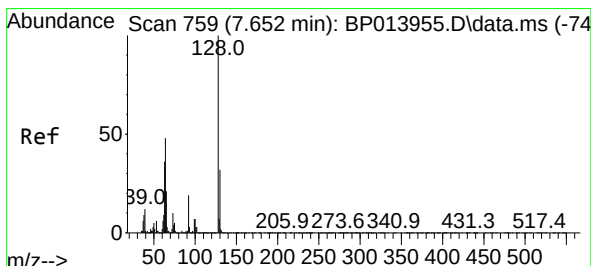
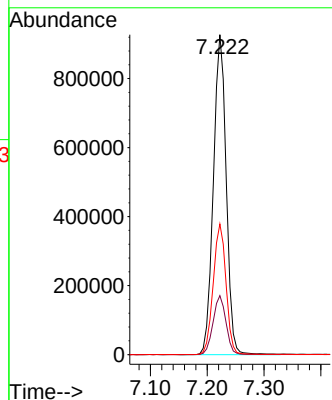
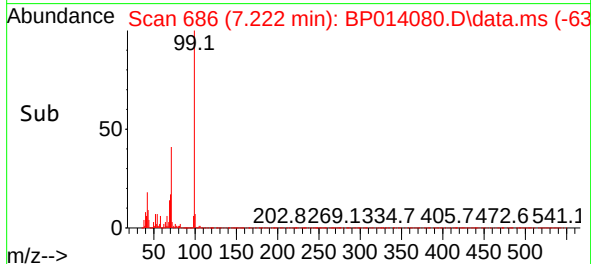
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 99 Resp: 1456390
Ion Ratio Lower Upper
99 100
42 18.5 15.0 22.6
71 40.9 34.3 51.5

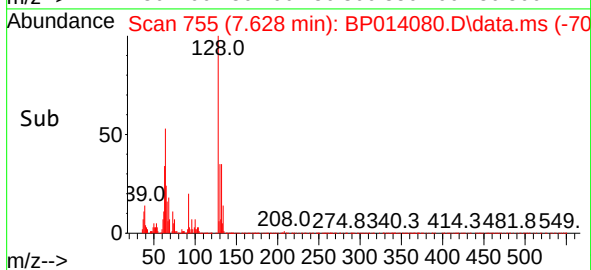
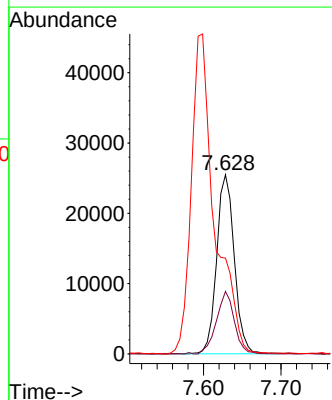
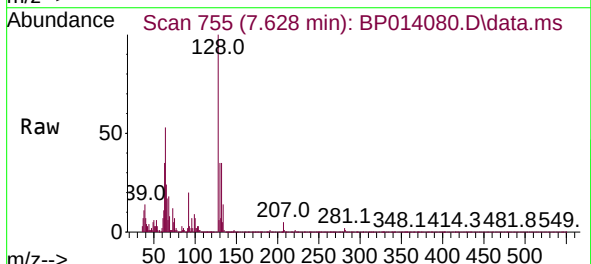
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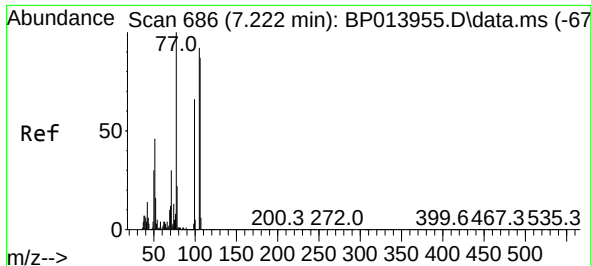
Reviewed By :Yogesh Patel 03/15/2023
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#8
2-Chlorophenol
Concen: 3.704 ng
RT: 7.628 min Scan# 755
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion:128 Resp: 40404
Ion Ratio Lower Upper
128 100
130 34.9 12.3 52.3
64 53.5 27.6 67.6





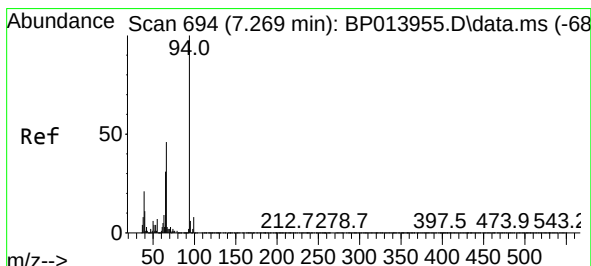
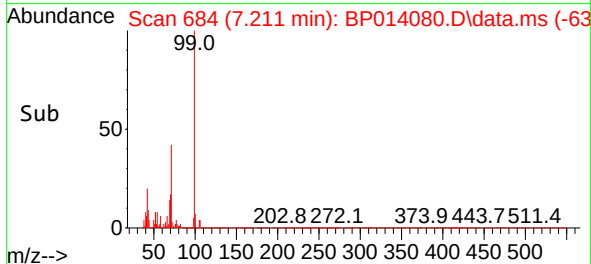
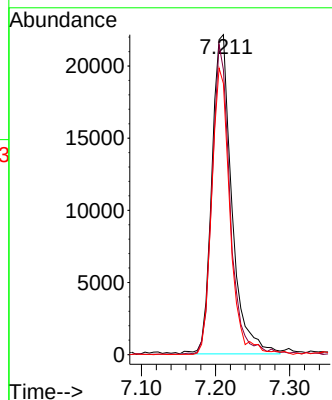
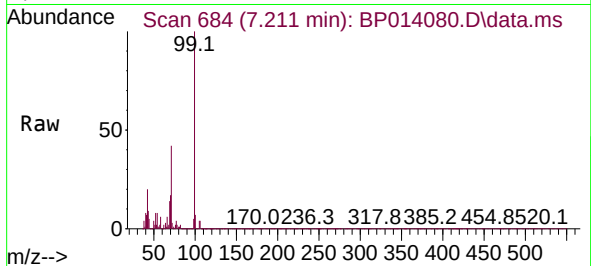
#9
Benzaldehyde
Concen: 6.203 ng
RT: 7.211 min Scan# 686
Delta R.T. 0.000 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion: 77 Resp: 41504
Ion Ratio Lower Upper
77 100
105 89.0 72.4 112.4
106 84.7 66.9 106.9

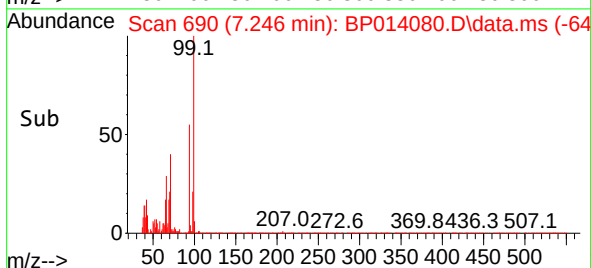
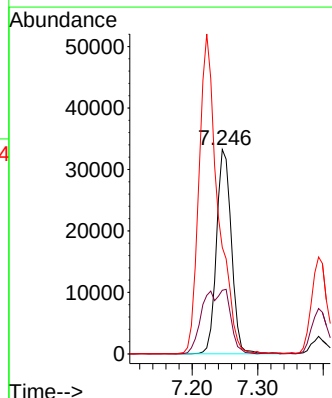
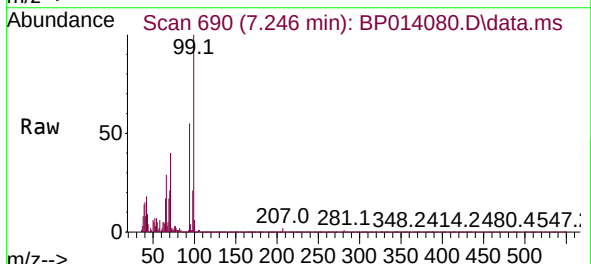
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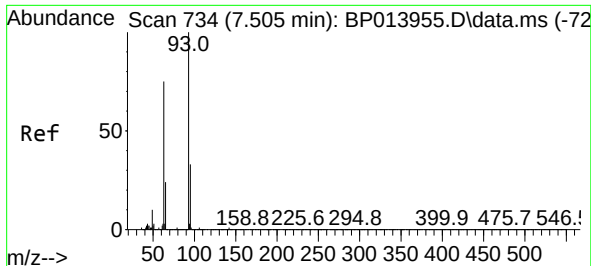
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#10
Phenol
Concen: 3.795 ng
RT: 7.246 min Scan# 690
Delta R.T. -0.012 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion: 94 Resp: 52807
Ion Ratio Lower Upper
94 100
65 31.1 10.9 50.9
66 52.1 26.1 66.1





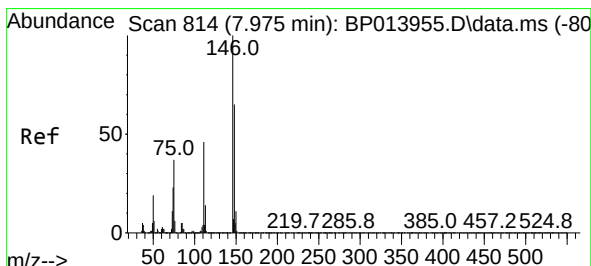
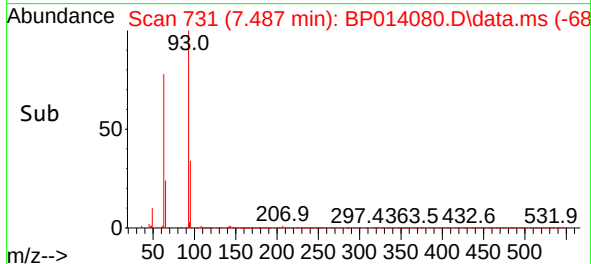
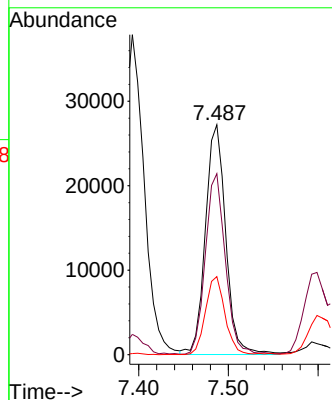
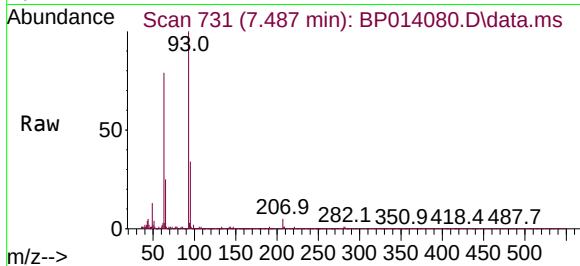
#11
bis(2-Chloroethyl)ether
Concen: 3.906 ng
RT: 7.487 min Scan# 731
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Instrument :
BNA_P
Client Sample Id :
MDL-WATER-03-QT1-2023

Tgt Ion: 93 Resp: 4303
Ion Ratio Lower Upper
93 100
63 78.7 54.2 94.2
95 33.9 12.7 52.7

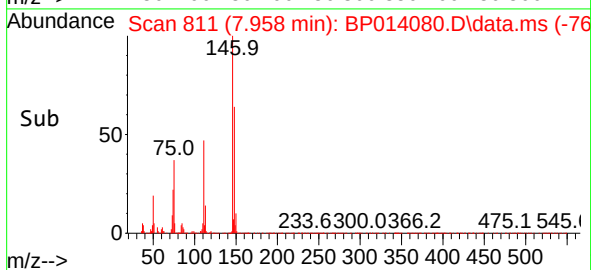
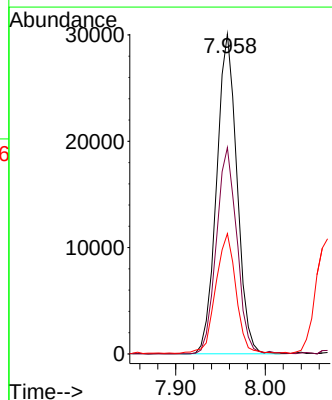
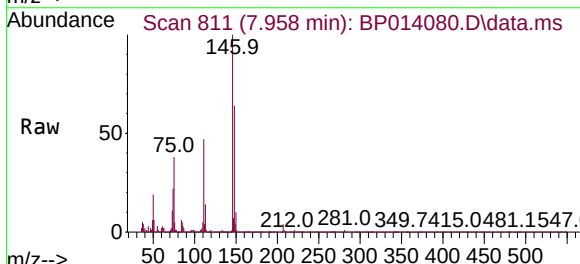
Manual Integrations
APPROVED

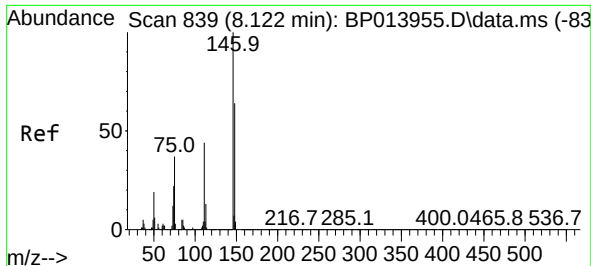
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#12
1,3-Dichlorobenzene
Concen: 3.959 ng
RT: 7.958 min Scan# 811
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion:146 Resp: 47452
Ion Ratio Lower Upper
146 100
148 64.5 52.1 78.1
75 37.6 29.4 44.0





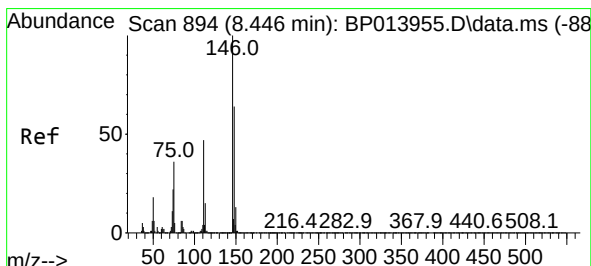
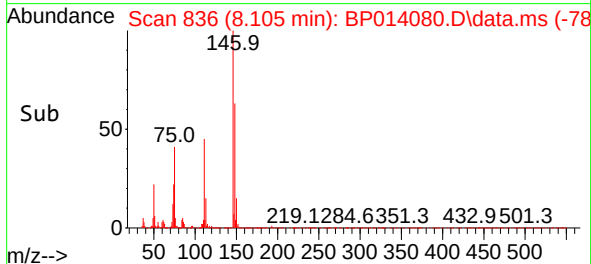
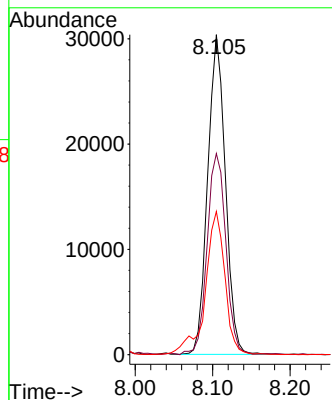
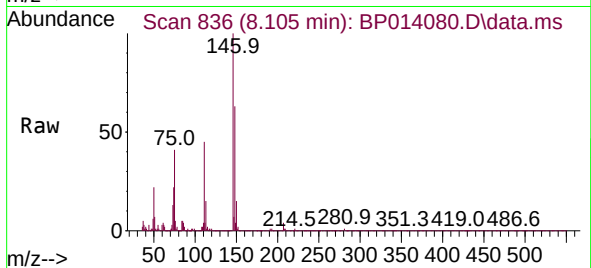
#13
1,4-Dichlorobenzene
Concen: 3.973 ng
RT: 8.105 min Scan# 839
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion:146 Resp: 48178
Ion Ratio Lower Upper
146 100
148 62.8 51.4 77.2
111 44.7 35.1 52.7

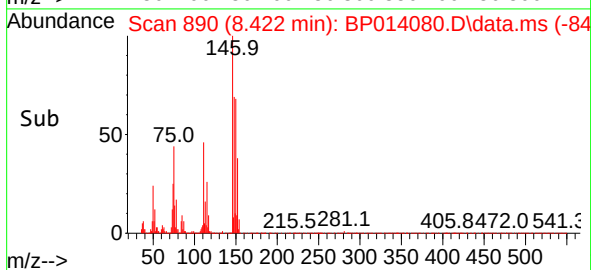
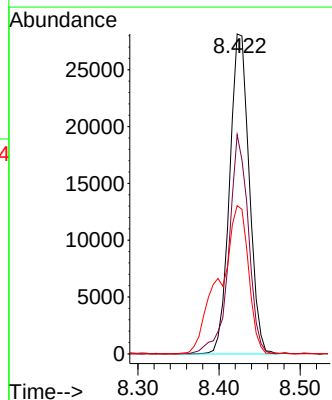
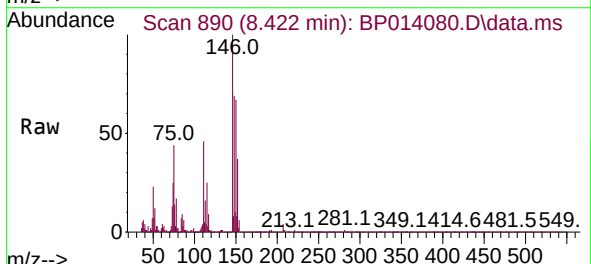
Manual Integrations
APPROVED

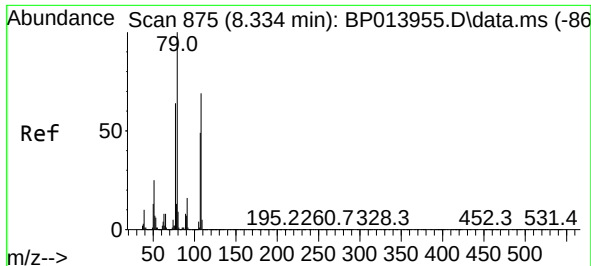
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#14
1,2-Dichlorobenzene
Concen: 4.053 ng
RT: 8.422 min Scan# 890
Delta R.T. -0.012 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

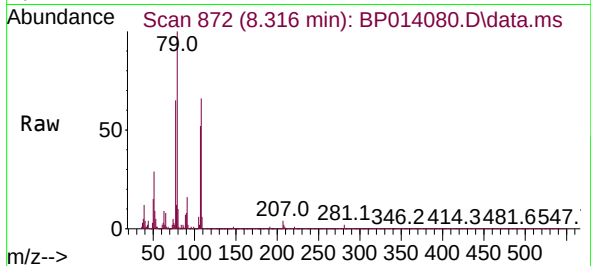
Tgt Ion:146 Resp: 47074
Ion Ratio Lower Upper
146 100
148 68.5 51.4 77.0
111 46.3 37.2 55.8





#15
Benzyl Alcohol
Concen: 3.197 ng
RT: 8.316 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

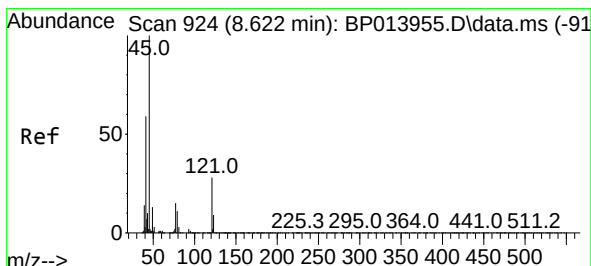
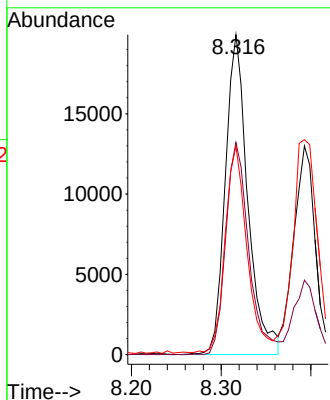
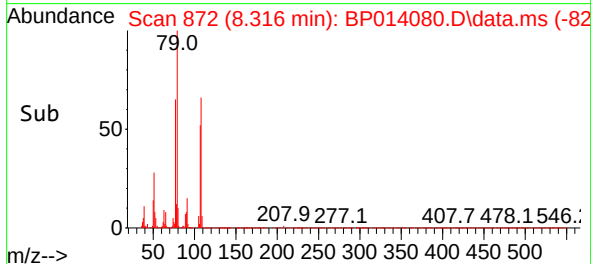
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 79 Resp: 34846
Ion Ratio Lower Upper
79 100
108 66.3 54.9 82.3
77 65.2 51.4 77.0

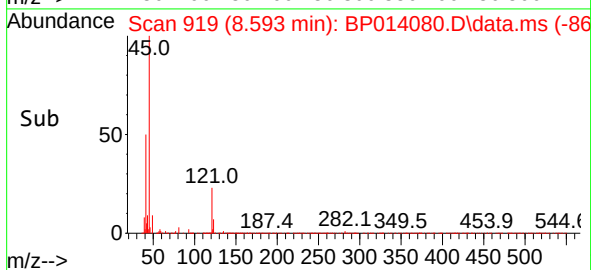
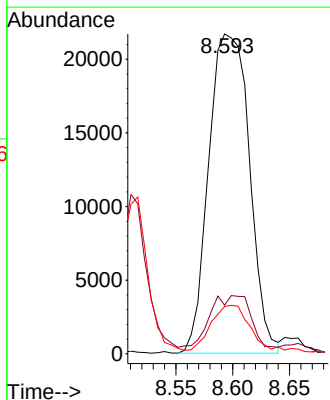
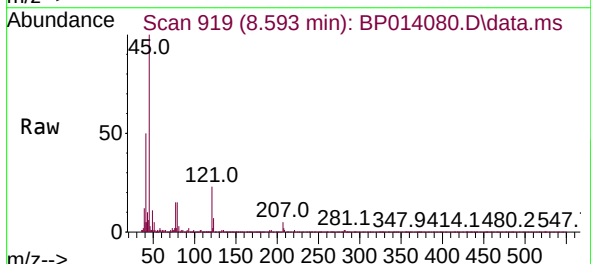
Manual Integrations
APPROVED

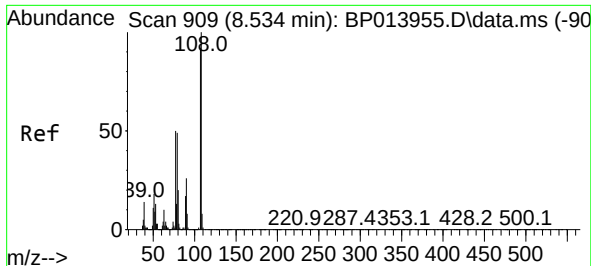
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.506 ng
RT: 8.593 min Scan# 919
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

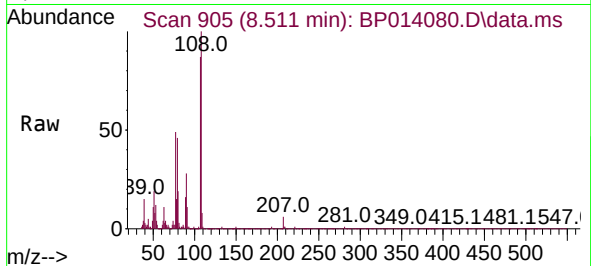
Tgt Ion: 45 Resp: 54048
Ion Ratio Lower Upper
45 100
77 15.2 0.0 38.7
79 14.8 0.0 34.4





#17
2-Methylphenol
Concen: 3.250 ng
RT: 8.511 min Scan# 909
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

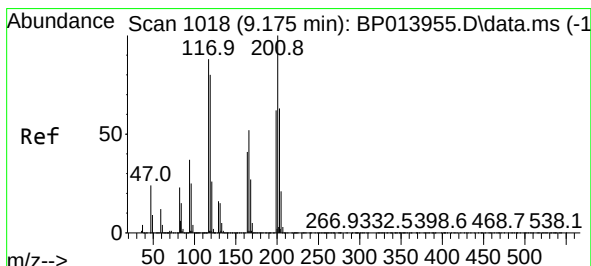
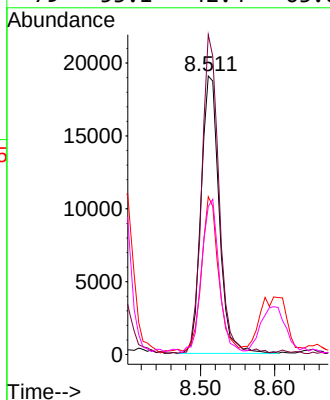
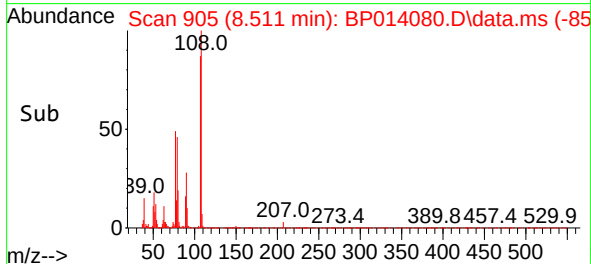
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:107 Resp: 32252
Ion Ratio Lower Upper
107 100
108 114.8 87.0 130.4
77 56.6 44.0 66.0
79 53.1 42.4 63.6

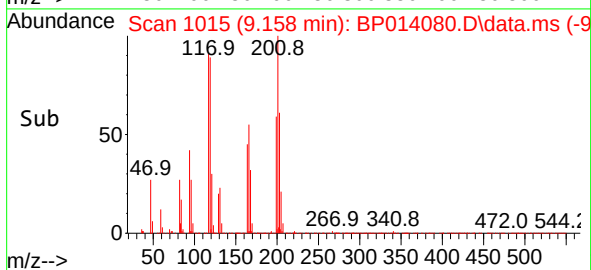
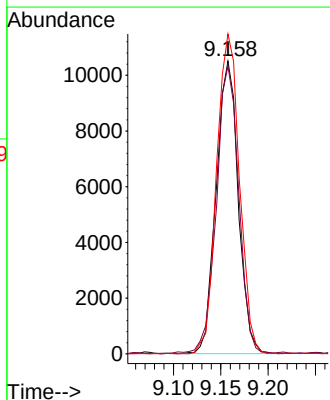
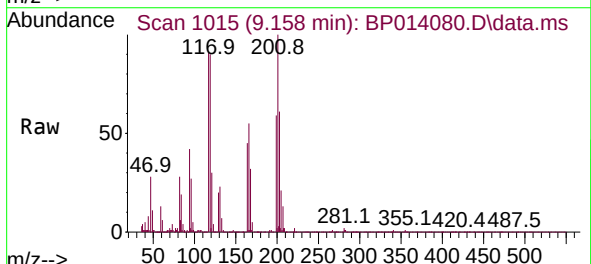
Manual Integrations
APPROVED

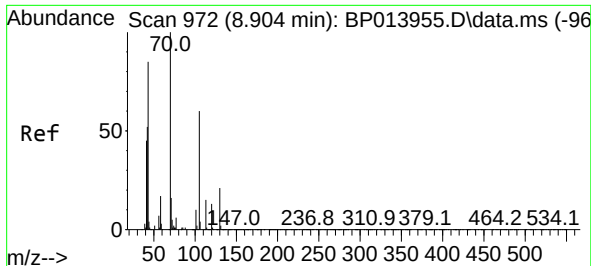
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#18
Hexachloroethane
Concen: 3.743 ng
RT: 9.158 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

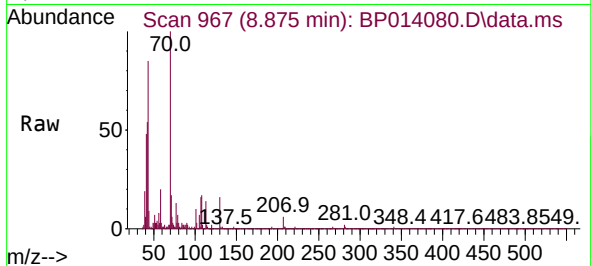
Tgt Ion:117 Resp: 17050
Ion Ratio Lower Upper
117 100
119 98.3 73.3 109.9
201 109.3 91.1 136.7





#19
n-Nitroso-di-n-propylamine
Concen: 3.679 ng
RT: 8.875 min Scan# 90
Delta R.T. -0.017 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

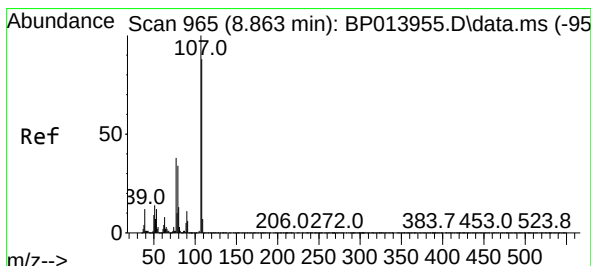
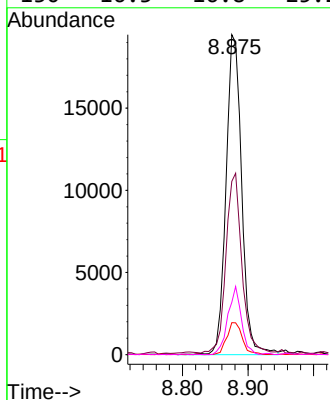
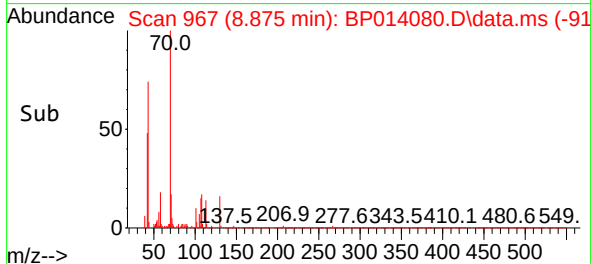
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 70 Resp: 32380
Ion Ratio Lower Upper
70 100
42 54.1 42.4 63.6
101 10.0 8.2 12.4
130 16.3 16.8 25.2#

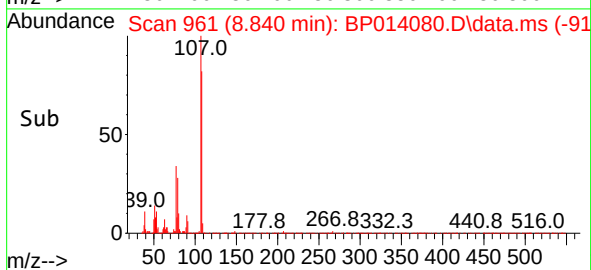
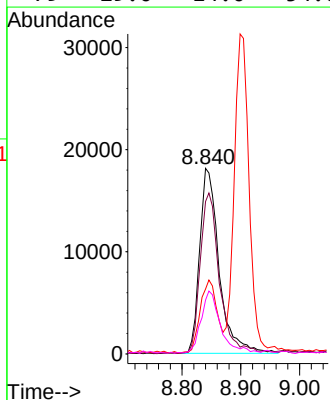
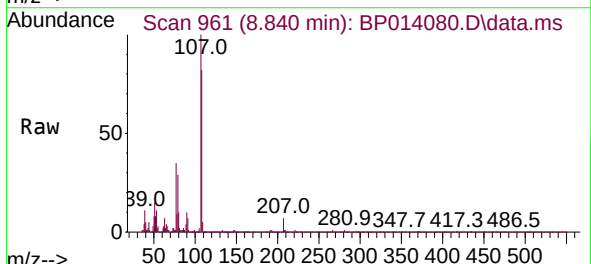
Manual Integrations
APPROVED

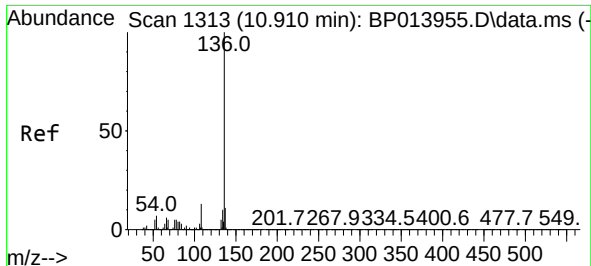
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#20
3+4-Methylphenols
Concen: 3.120 ng
RT: 8.840 min Scan# 961
Delta R.T. -0.012 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

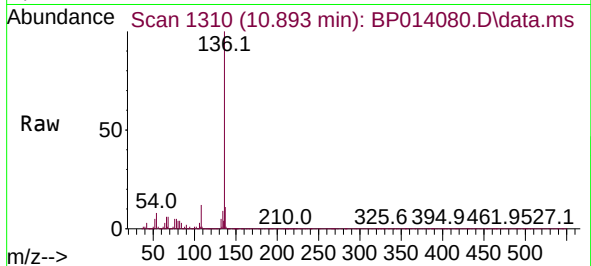
Tgt Ion:107 Resp: 41701
Ion Ratio Lower Upper
107 100
108 82.2 68.2 108.2
77 35.0 18.1 58.1
79 29.0 14.0 54.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.893 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

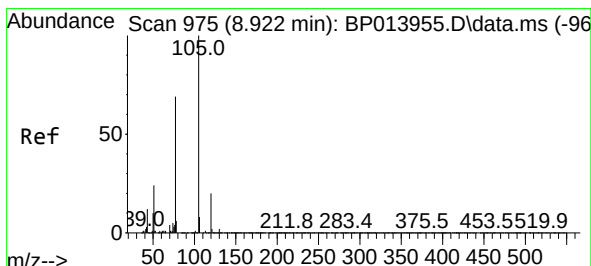
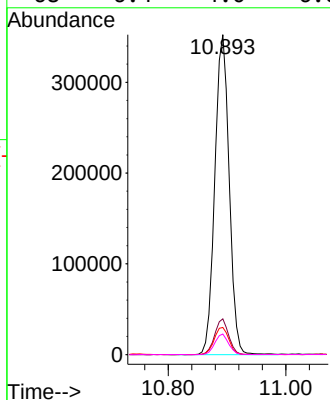
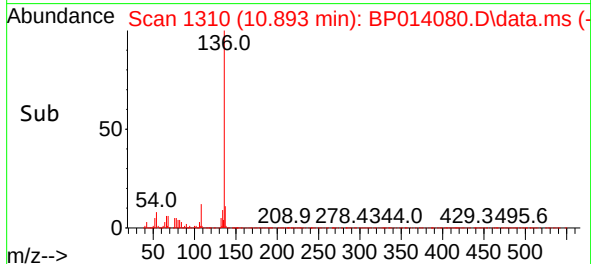
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT1-2023



Tgt Ion:136 Resp: 596496
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 8.5 5.8 8.8
68 6.4 4.0 6.0#

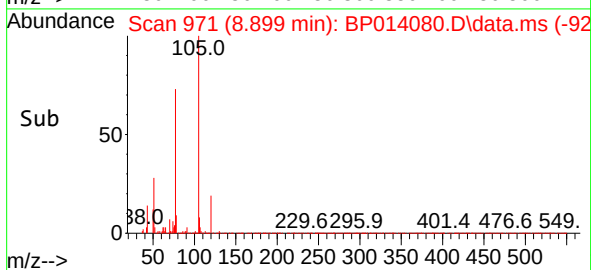
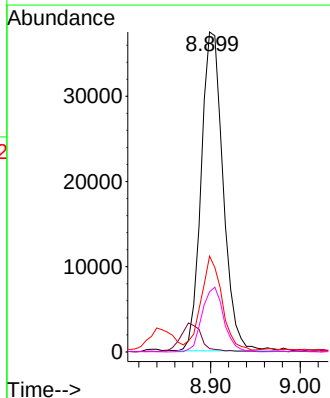
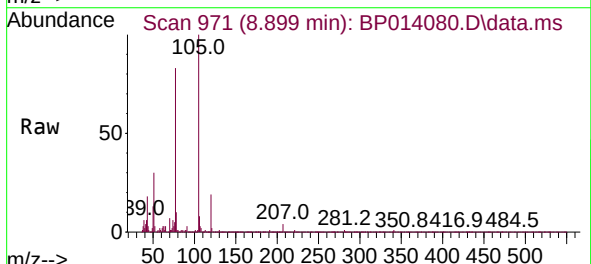
Manual Integrations
APPROVED

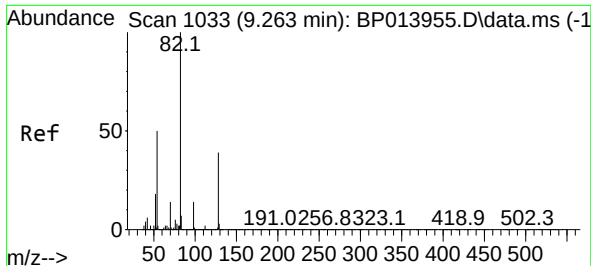
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#22
Acetophenone
Concen: 3.807 ng
RT: 8.899 min Scan# 971
Delta R.T. -0.012 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

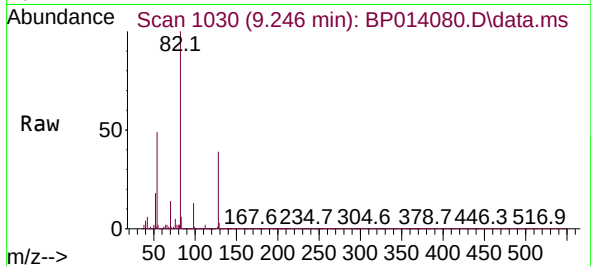
Tgt Ion:105 Resp: 63703
Ion Ratio Lower Upper
105 100
71 1.0 1.4 2.0#
51 29.9 21.5 32.3
120 18.8 16.2 24.4





#23
Nitrobenzene-d5
Concen: 83.176 ng
RT: 9.246 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

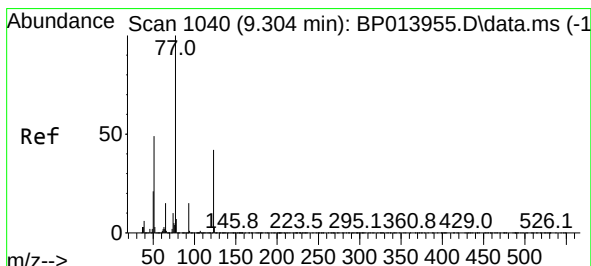
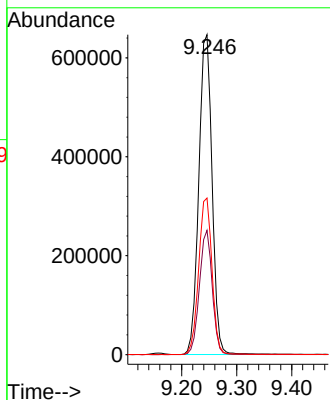
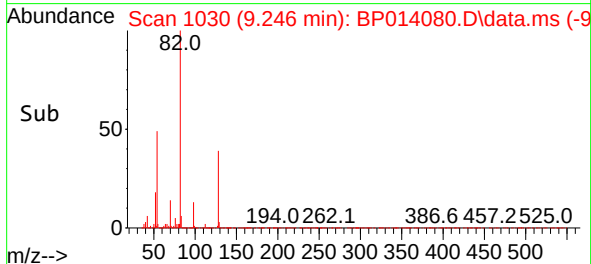
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 82 Resp: 1085518
Ion Ratio Lower Upper
82 100
128 38.8 31.1 46.7
54 48.9 40.0 60.0

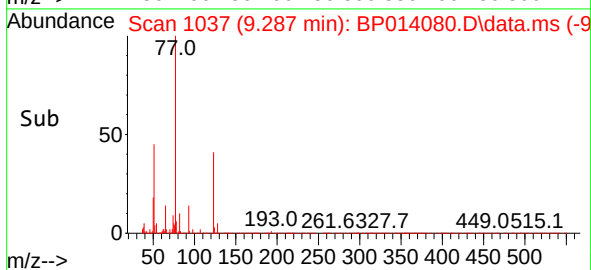
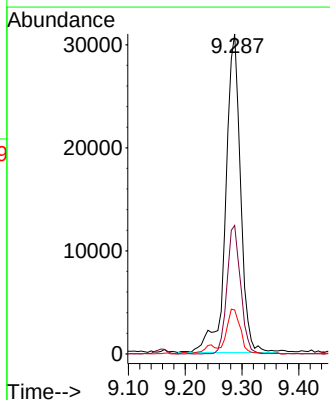
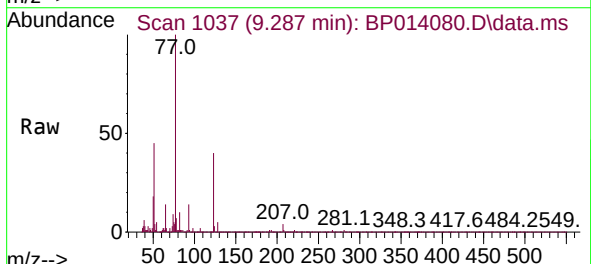
Manual Integrations
APPROVED

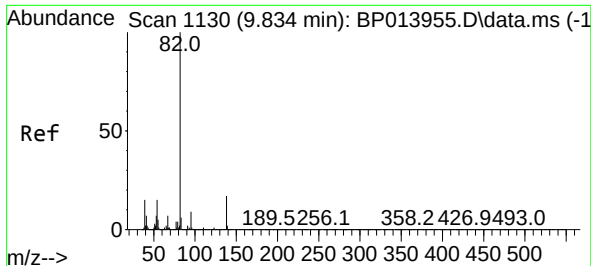
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#24
Nitrobenzene
Concen: 4.193 ng
RT: 9.287 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion: 77 Resp: 55985
Ion Ratio Lower Upper
77 100
123 40.2 33.6 50.4
65 13.7 11.6 17.4





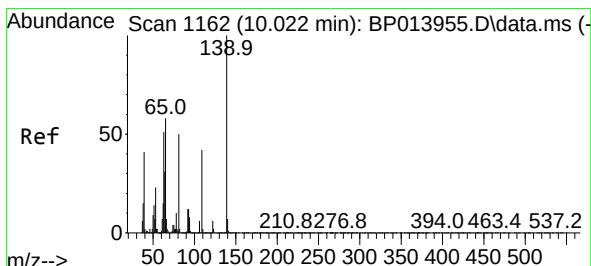
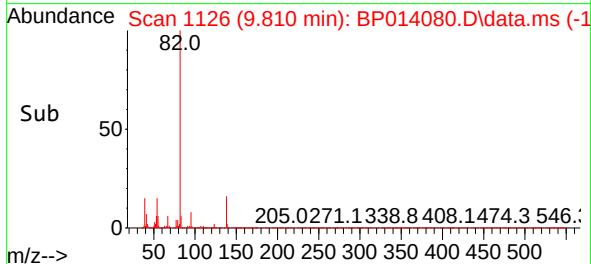
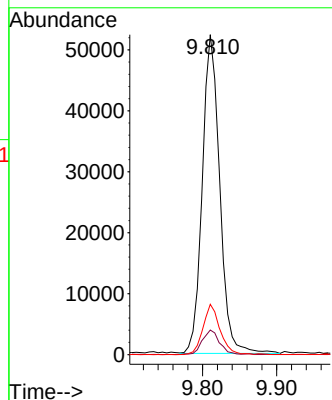
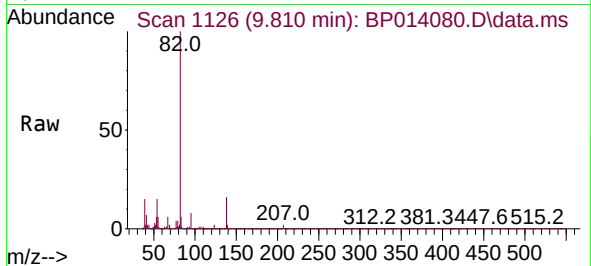
#25
Isophorone
Concen: 3.567 ng
RT: 9.810 min Scan# 1130
Delta R.T. -0.012 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT1-2023

Tgt Ion:	82	Resp:	85786
Ion Ratio	Lower	Upper	
82	100		
95	7.7	6.9	10.3
138	15.7	13.3	19.9

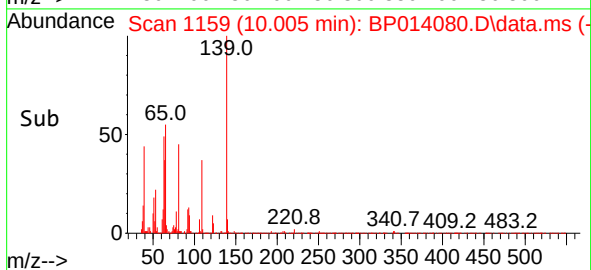
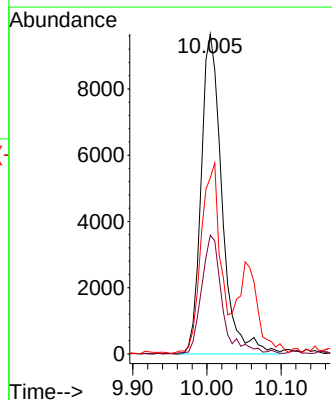
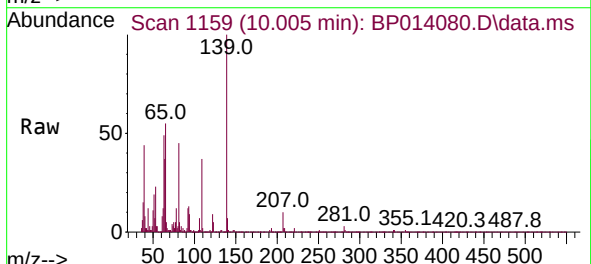
Manual Integrations
APPROVED

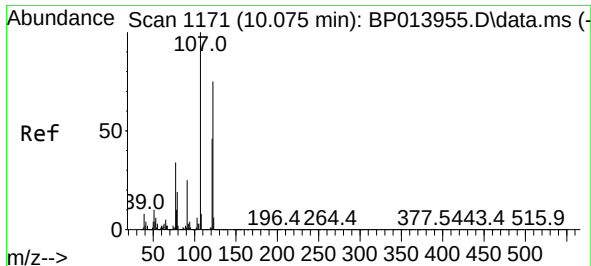
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#26
2-Nitrophenol
Concen: 3.253 ng
RT: 10.005 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

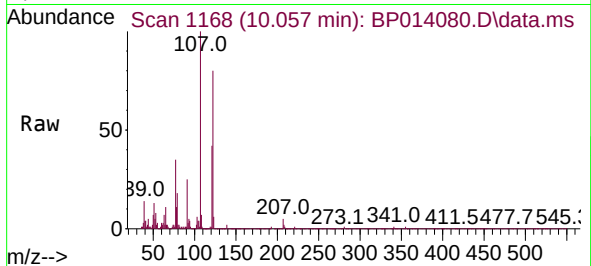
Tgt Ion:	139	Resp:	18894
Ion Ratio	Lower	Upper	
139	100		
109	37.1	33.8	50.8
65	55.0	46.6	70.0





#27
2,4-Dimethylphenol
Concen: 3.545 ng
RT: 10.057 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

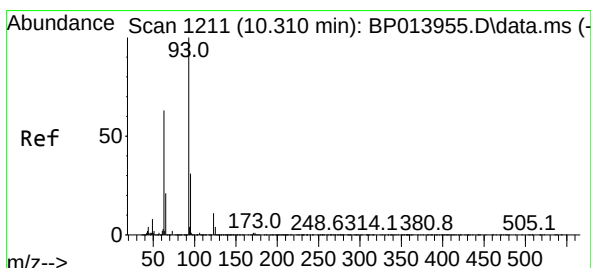
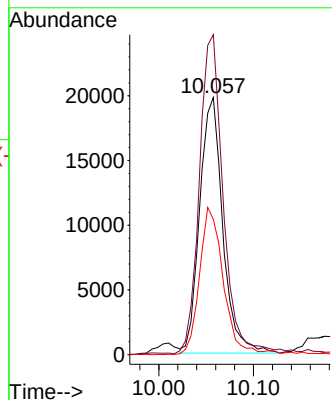
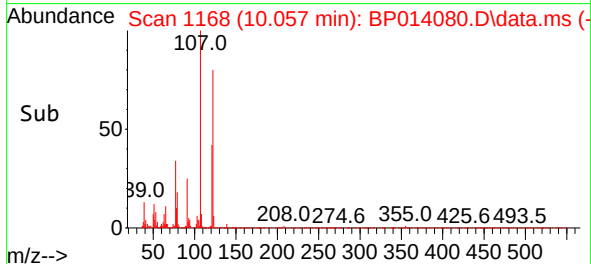
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 122 Resp: 33476
Ion Ratio Lower Upper
122 100
107 124.4 105.9 158.9
121 52.6 49.0 73.4

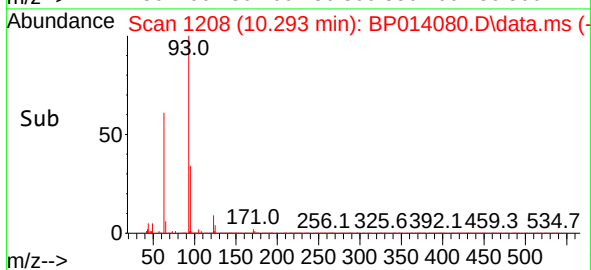
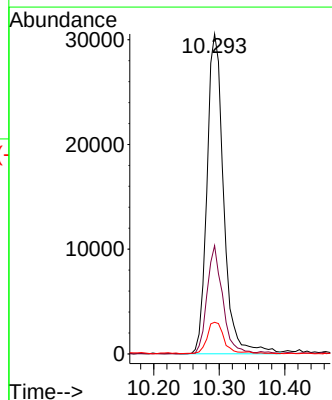
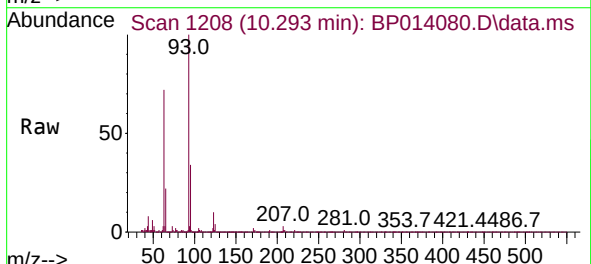
Manual Integrations
APPROVED

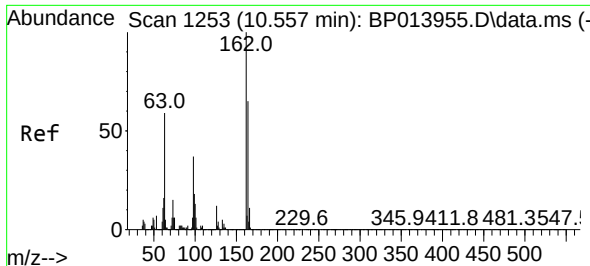
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#28
bis(2-Chloroethoxy)methane
Concen: 3.875 ng
RT: 10.293 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion: 93 Resp: 53927
Ion Ratio Lower Upper
93 100
95 33.8 25.0 37.6
123 9.9 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 3.061 ng

RT: 10.546 min Scan# 1251

Delta R.T. 0.000 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

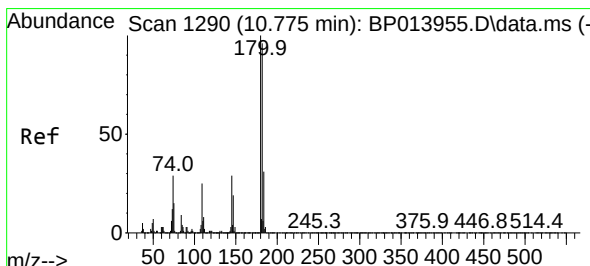
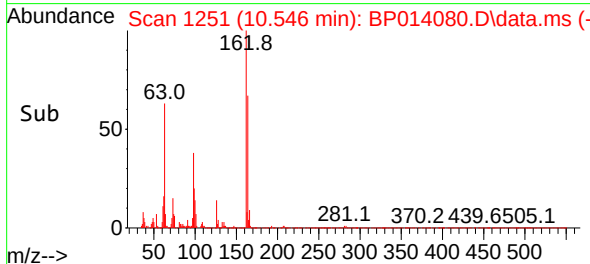
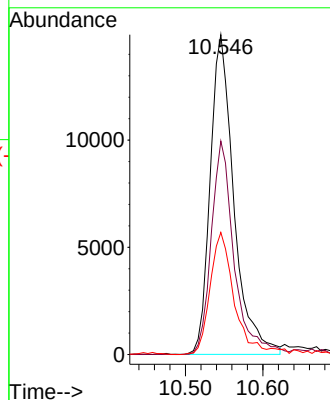
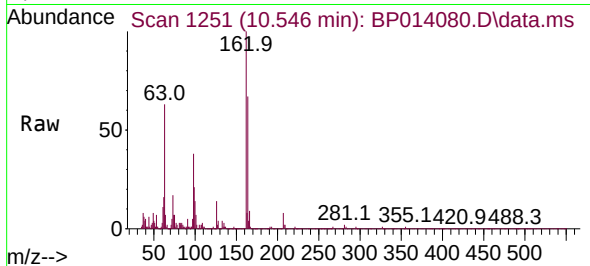
Tgt Ion:162	Resp:	31643
Ion Ratio	Lower	Upper
162	100	
164	66.7	44.7 84.7
98	38.2	17.0 57.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/15/2023

Supervised By :Jagrut Upadhyay 03/15/2023



#30

1,2,4-Trichlorobenzene

Concen: 3.747 ng

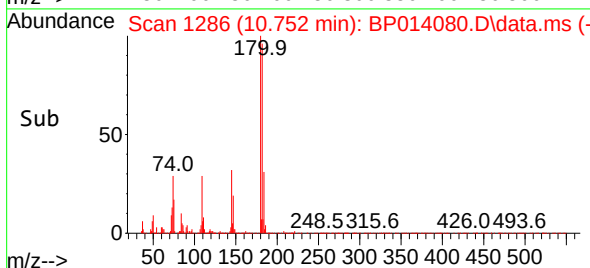
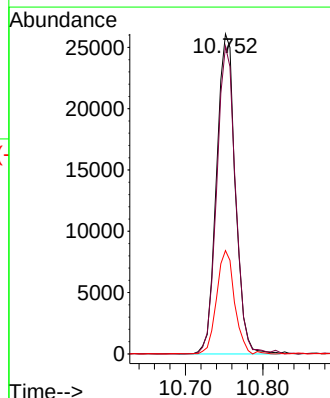
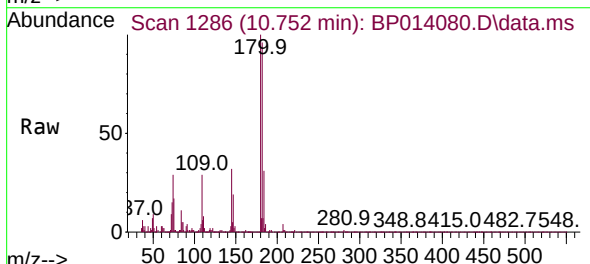
RT: 10.752 min Scan# 1286

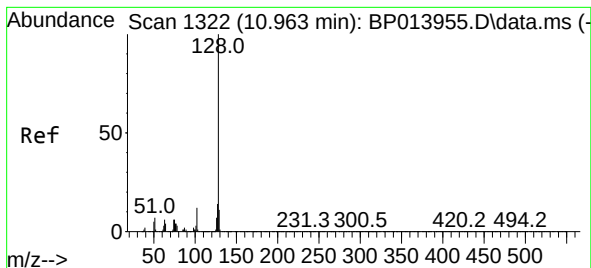
Delta R.T. -0.006 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

Tgt Ion:180	Resp:	43984
Ion Ratio	Lower	Upper
180	100	
182	96.1	76.6 114.8
145	32.3	23.5 35.3





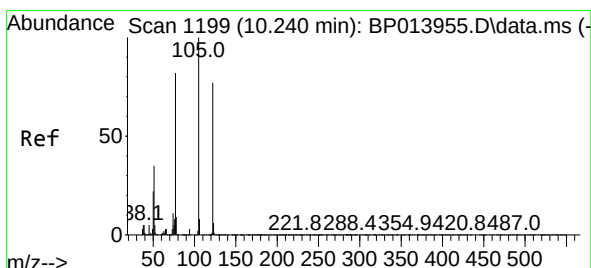
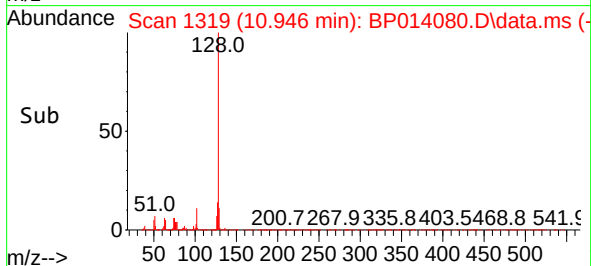
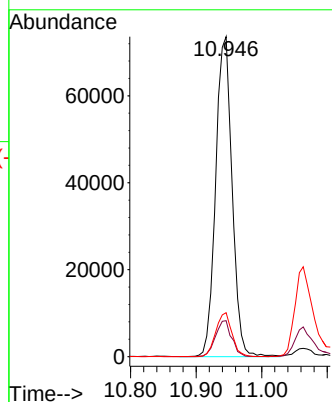
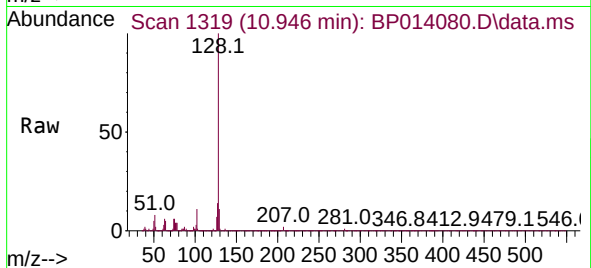
#31
Naphthalene
Concen: 3.921 ng
RT: 10.946 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion:128 Resp: 12850
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.7 11.2 16.8

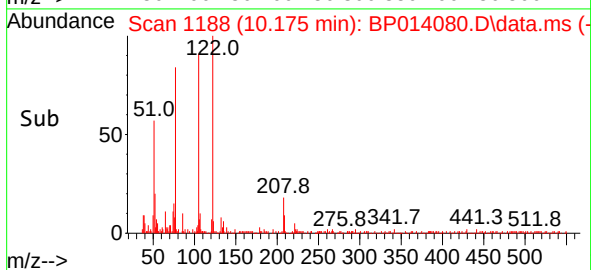
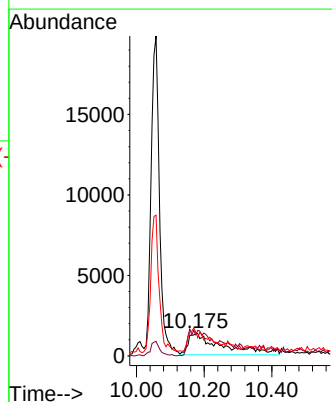
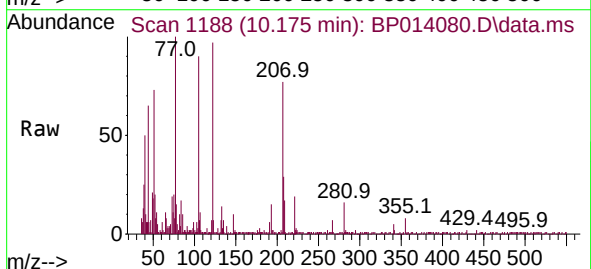
Manual Integrations
APPROVED

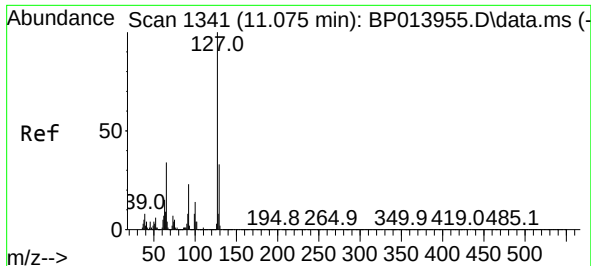
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#32
Benzoic acid
Concen: 3.842 ng m
RT: 10.175 min Scan# 1188
Delta R.T. -0.035 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion:122 Resp: 9458
Ion Ratio Lower Upper
122 100
105 92.3 108.2 148.2#
77 102.9 85.2 125.2





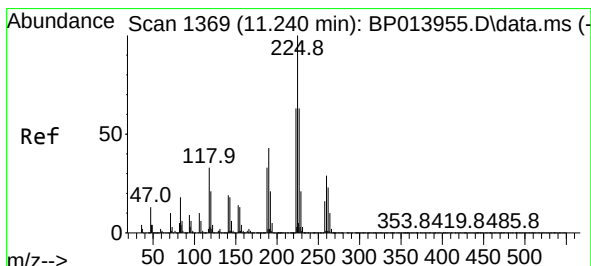
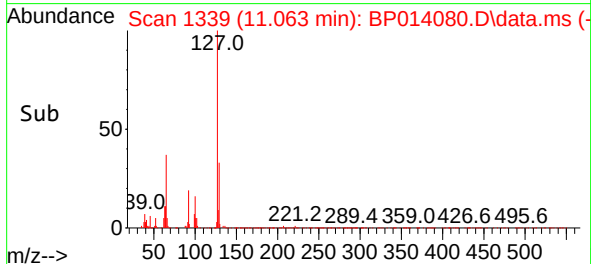
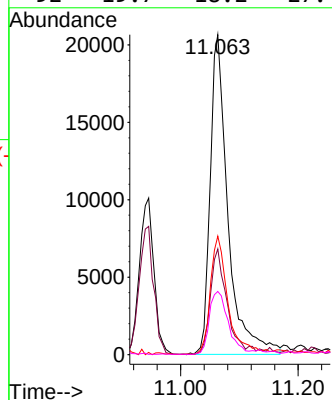
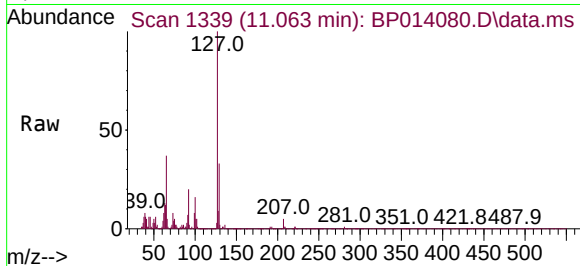
#33
4-Chloroaniline
Concen: 3.078 ng
RT: 11.063 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.2	39.2
65	37.0	27.0	40.4
92	19.7	18.2	27.4

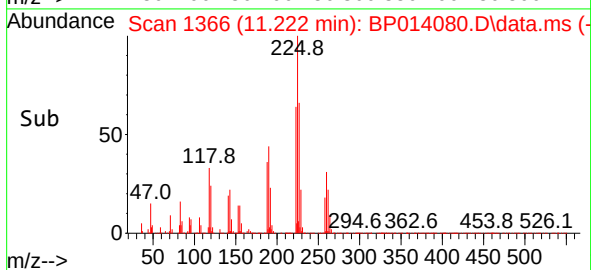
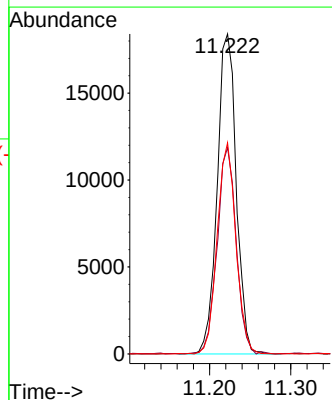
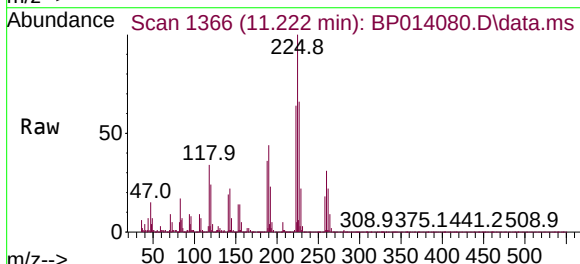
Manual Integrations
APPROVED

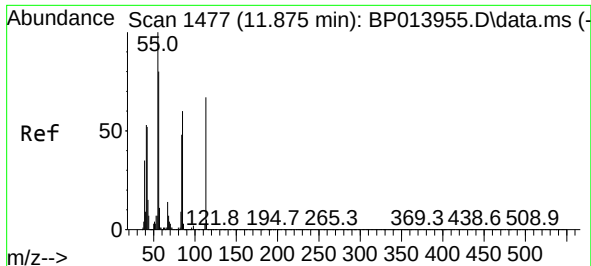
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#34
Hexachlorobutadiene
Concen: 3.505 ng
RT: 11.222 min Scan# 1366
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

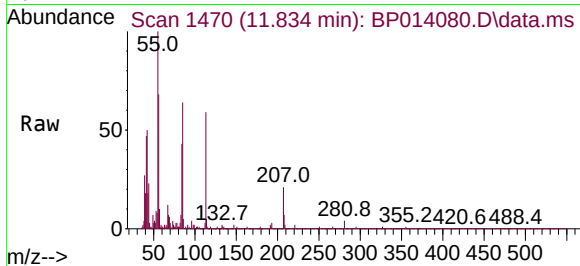
Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.6	76.0
227	66.0	50.2	75.4





#35
Caprolactam
Concen: 3.239 ng m
RT: 11.834 min Scan# 1477
Delta R.T. -0.023 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

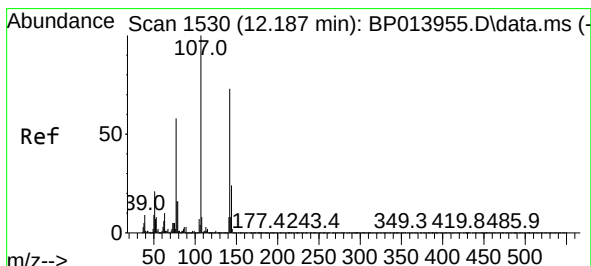
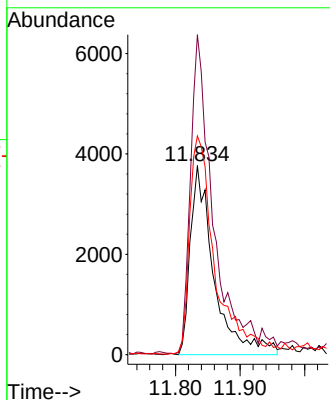
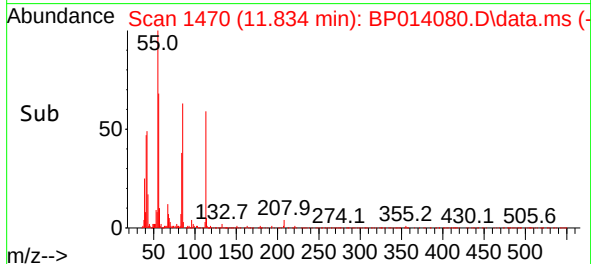
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:113 Resp: 9585
Ion Ratio Lower Upper
113 100
55 169.2 128.9 168.9
56 115.7 99.6 139.6

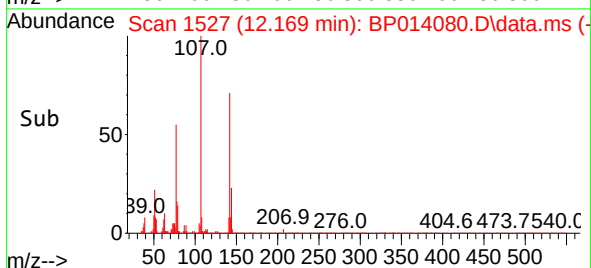
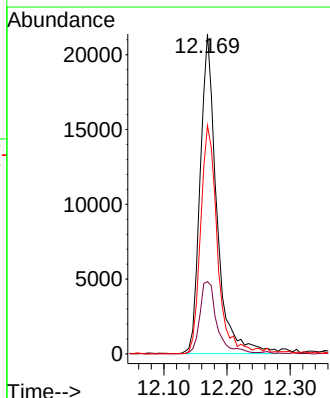
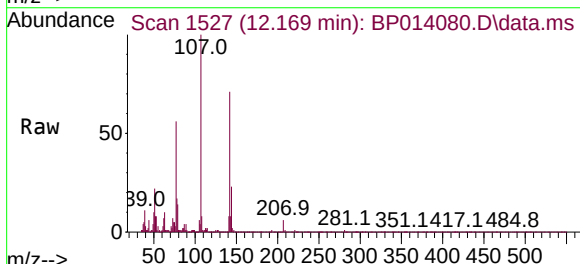
Manual Integrations
APPROVED

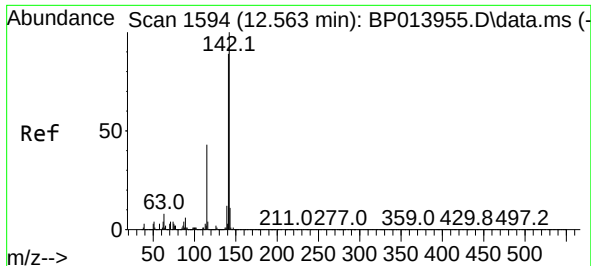
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#36
4-Chloro-3-methylphenol
Concen: 3.381 ng
RT: 12.169 min Scan# 1527
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion:107 Resp: 38980
Ion Ratio Lower Upper
107 100
144 22.6 19.3 28.9
142 71.4 58.5 87.7





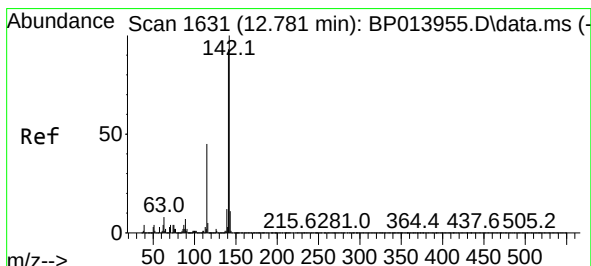
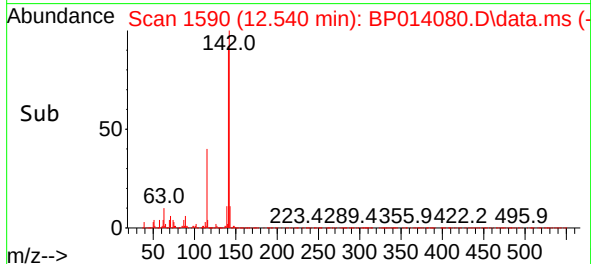
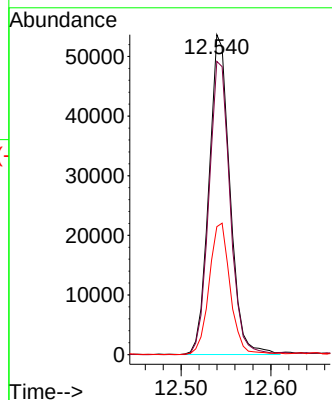
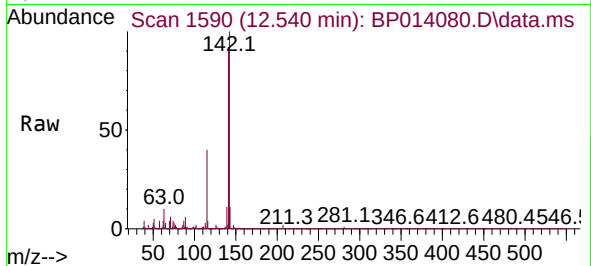
#37
2-Methylnaphthalene
Concen: 3.606 ng
RT: 12.540 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion:142 Resp: 87205
Ion Ratio Lower Upper
142 100
141 91.6 71.0 106.4
115 40.0 34.5 51.7

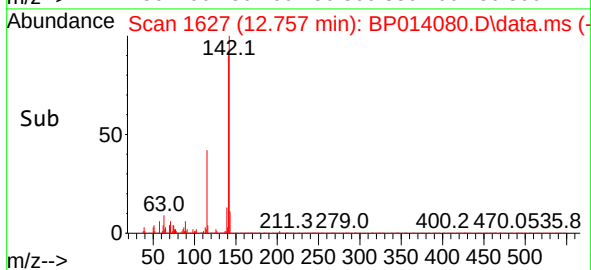
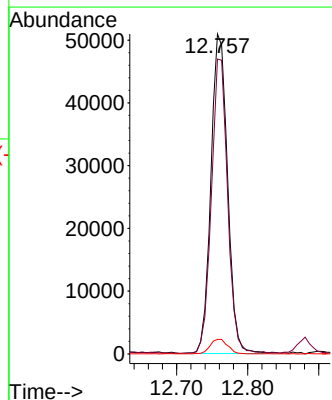
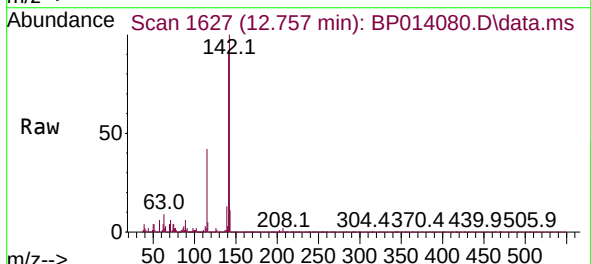
Manual Integrations
APPROVED

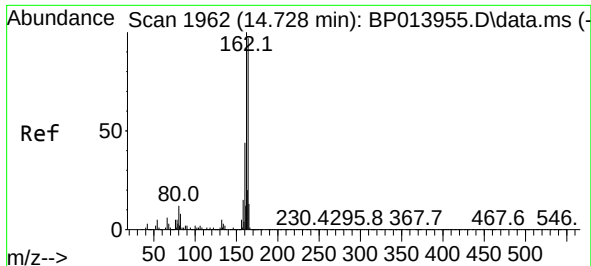
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#38
1-Methylnaphthalene
Concen: 3.674 ng
RT: 12.757 min Scan# 1627
Delta R.T. -0.012 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

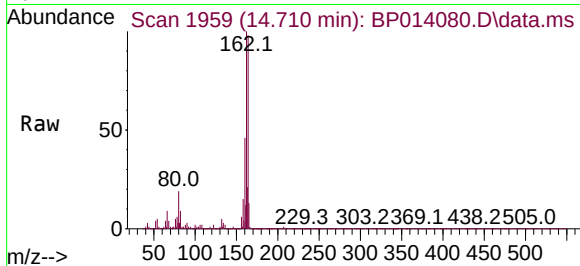
Tgt Ion:142 Resp: 82807
Ion Ratio Lower Upper
142 100
141 92.1 74.4 111.6
116 4.5 3.6 5.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.710 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

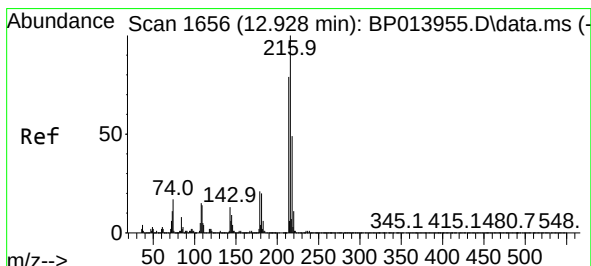
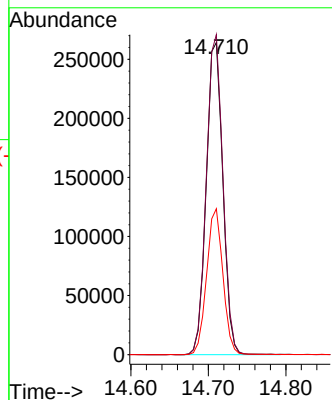
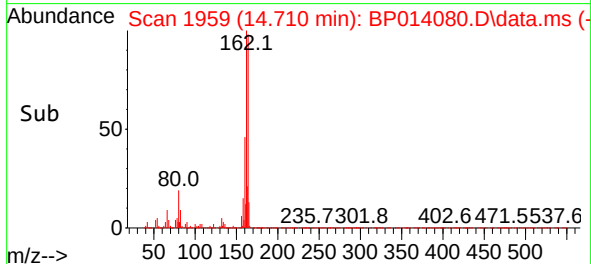
Instrument : BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:164 Resp: 391830
Ion Ratio Lower Upper
164 100
162 102.5 82.1 123.1
160 46.7 36.2 54.2

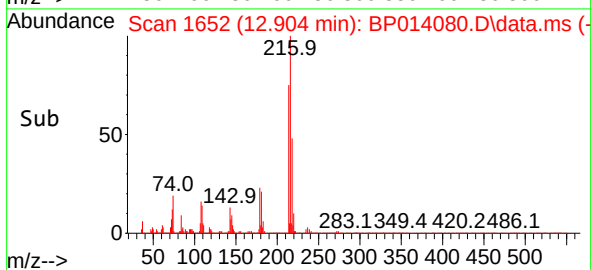
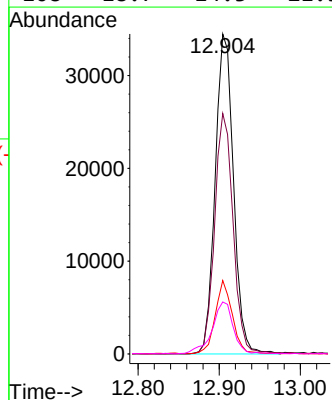
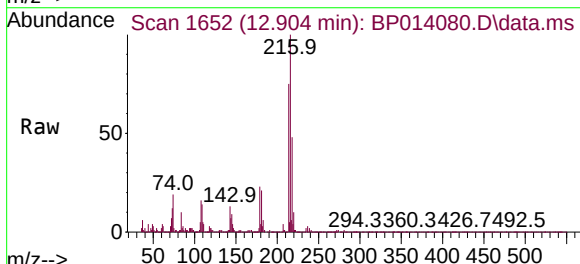
Manual Integrations
APPROVED

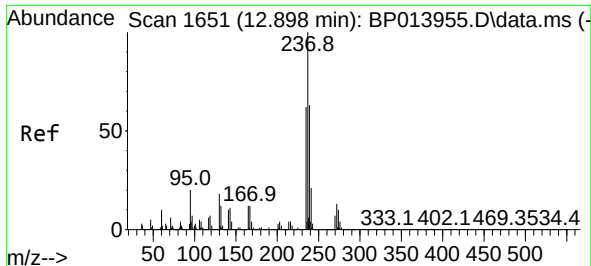
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.620 ng
RT: 12.904 min Scan# 1652
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

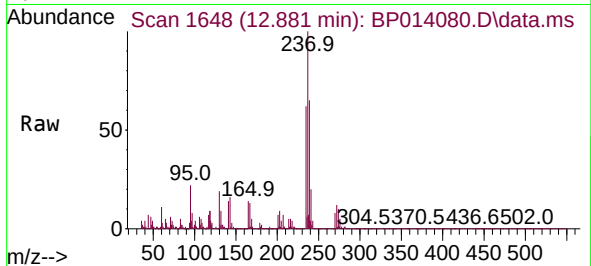
Tgt Ion:216 Resp: 54060
Ion Ratio Lower Upper
216 100
214 75.9 62.2 93.2
179 21.4 16.6 24.8
108 18.7 14.3 21.5





#41
Hexachlorocyclopentadiene
Concen: 2.903 ng
RT: 12.881 min Scan# 1648
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

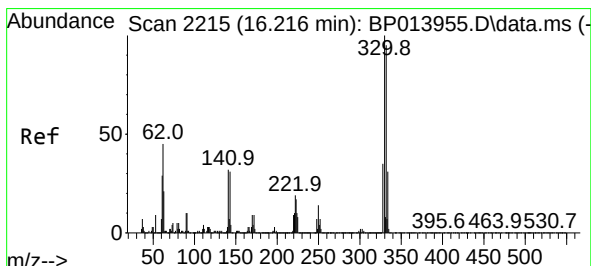
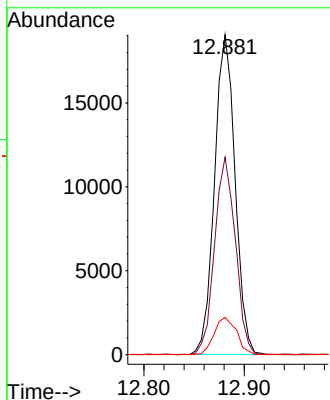
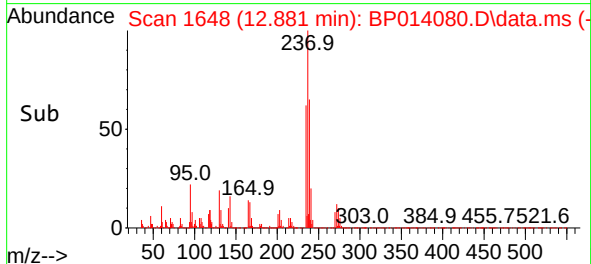
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 237 Resp: 27212
Ion Ratio Lower Upper
237 100
235 61.7 41.9 81.9
272 11.6 0.0 32.6

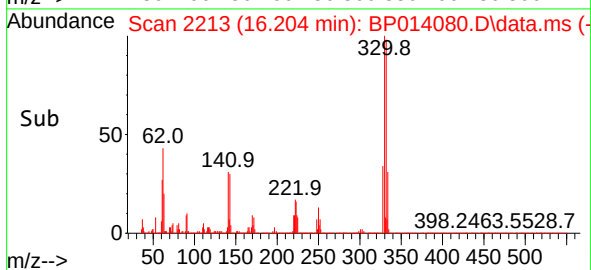
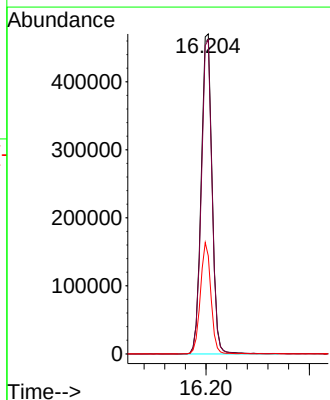
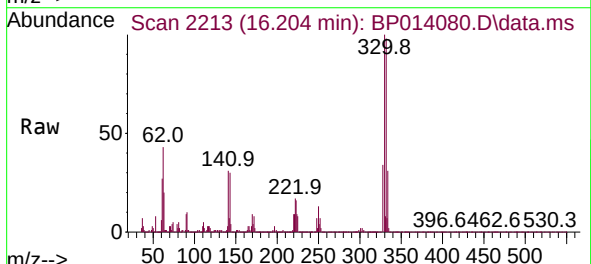
Manual Integrations
APPROVED

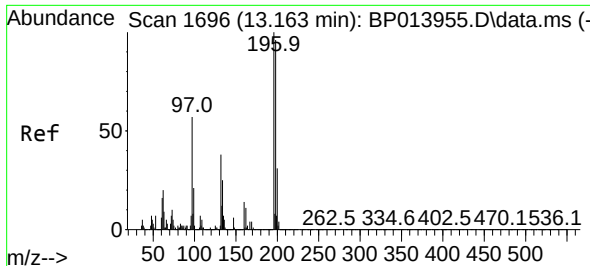
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#42
2,4,6-Tribromophenol
Concen: 107.595 ng
RT: 16.204 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion: 330 Resp: 683547
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 33.6 25.6 38.4





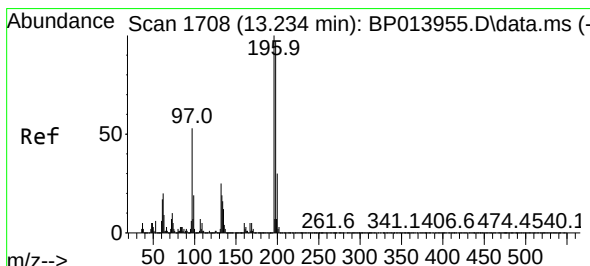
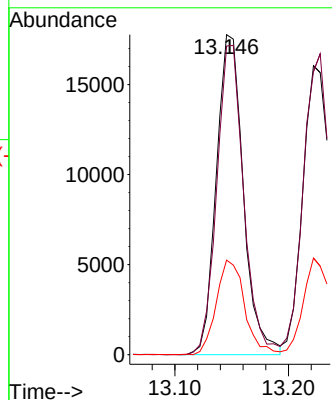
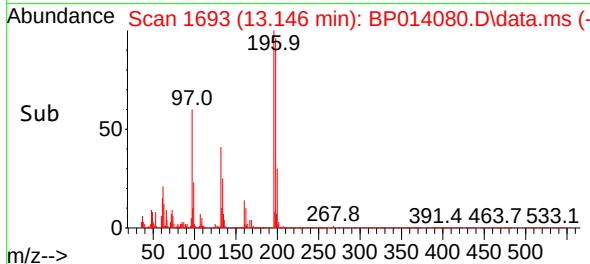
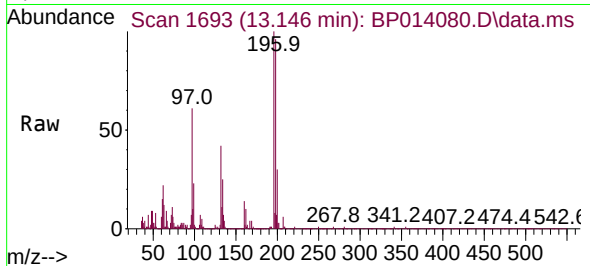
#43
2,4,6-Trichlorophenol
Concen: 3.107 ng
RT: 13.146 min Scan# 1696
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT1-2023

Tgt Ion:196 Resp: 29332
Ion Ratio Lower Upper
196 100
198 96.4 76.7 115.1
200 29.5 25.2 37.8

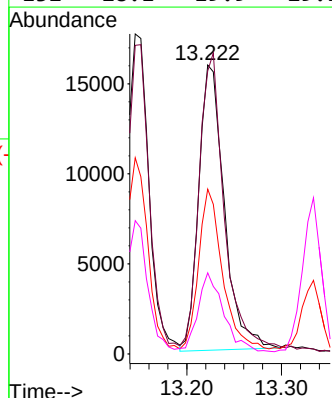
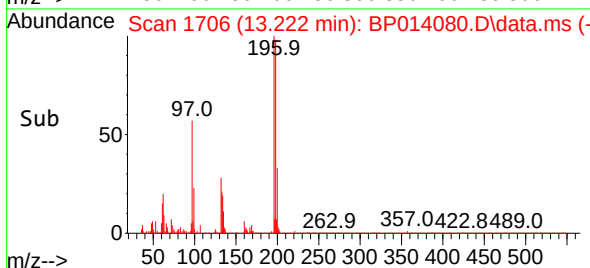
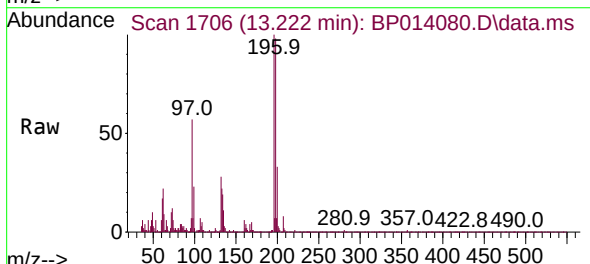
Manual Integrations
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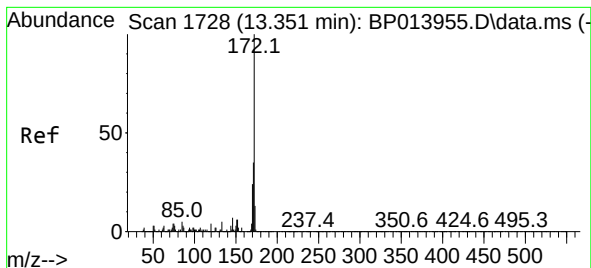
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#44
2,4,5-Trichlorophenol
Concen: 2.726 ng
RT: 13.222 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion:196 Resp: 29819
Ion Ratio Lower Upper
196 100
198 98.0 77.5 116.3
97 57.0 42.6 64.0
132 28.1 19.9 29.9





#45

2-Fluorobiphenyl

Concen: 79.004 ng

RT: 13.334 min Scan# 1725

Delta R.T. -0.006 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion:172 Resp: 238935

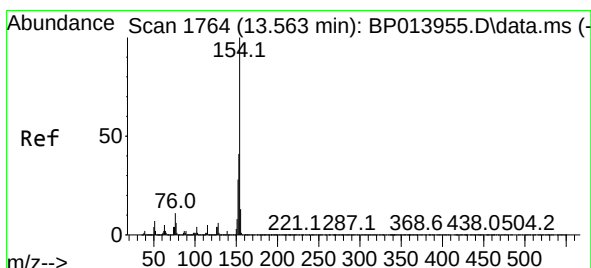
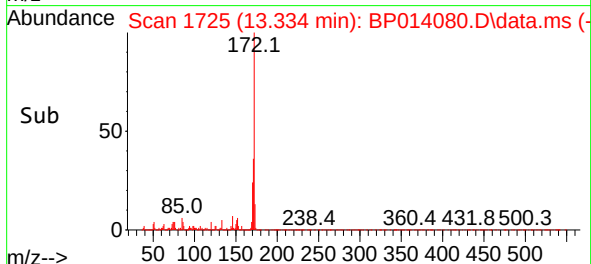
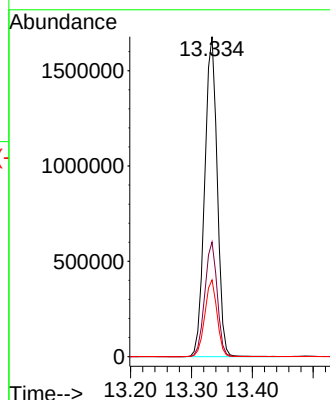
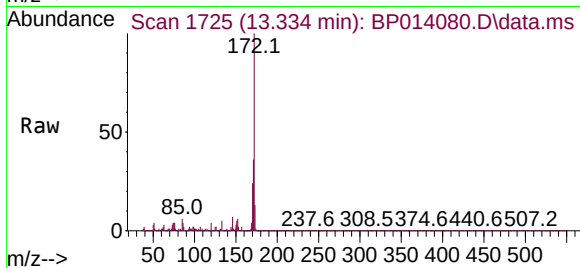
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.3	42.5
170	24.0	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/15/2023

Supervised By :Jagrut Upadhyay 03/15/2023



#46

1,1'-Biphenyl

Concen: 4.018 ng

RT: 13.546 min Scan# 1761

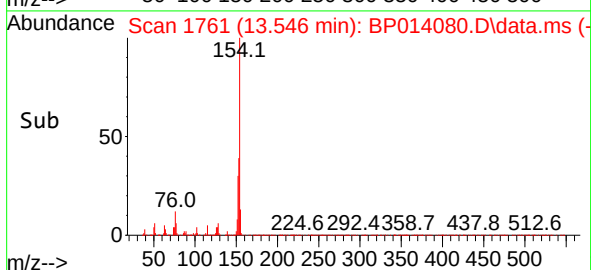
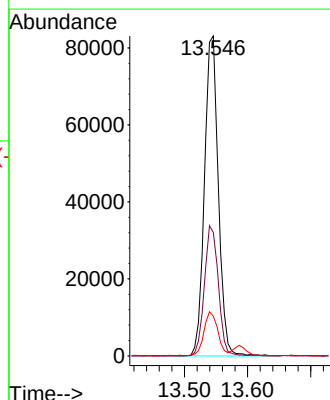
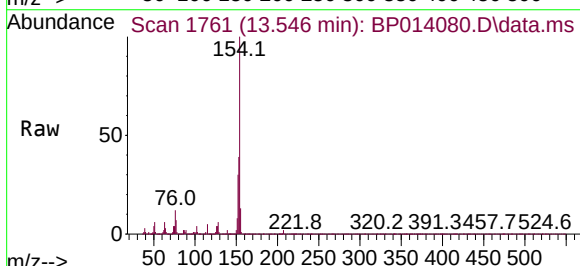
Delta R.T. -0.006 min

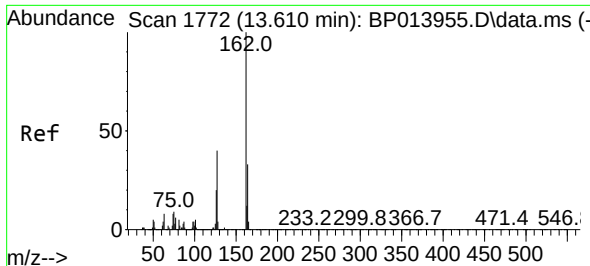
Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

Tgt Ion:154 Resp: 126724

Ion	Ratio	Lower	Upper
154	100		
153	38.6	21.0	61.0
76	12.4	0.0	31.0





#47

2-Chloronaphthalene

Concen: 3.858 ng

RT: 13.587 min Scan# 1768

Delta R.T. -0.006 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

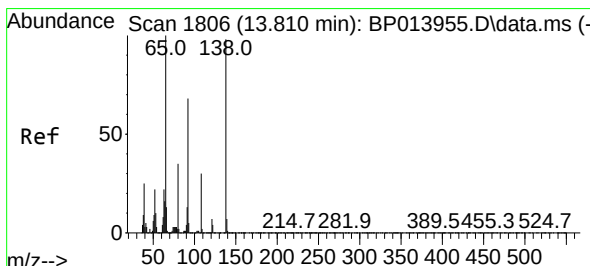
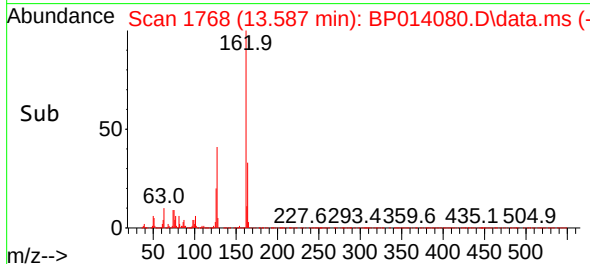
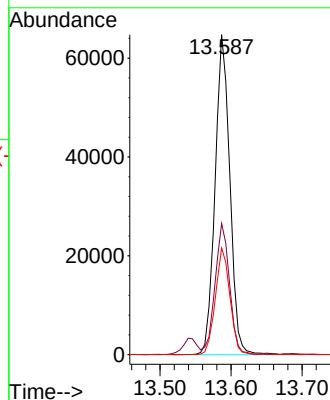
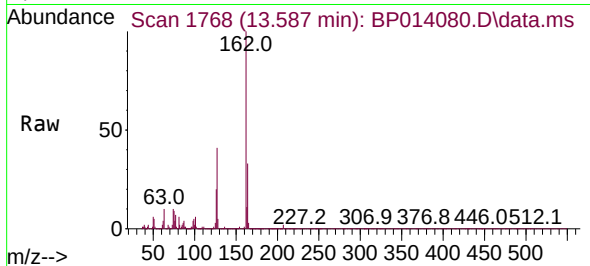
Tgt Ion:	162	Resp:	9366
Ion Ratio	Lower	Upper	
162	100		
127	41.0	32.5	48.7
164	33.3	26.3	39.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/15/2023

Supervised By :Jagrut Upadhyay 03/15/2023



#48

2-Nitroaniline

Concen: 3.060 ng

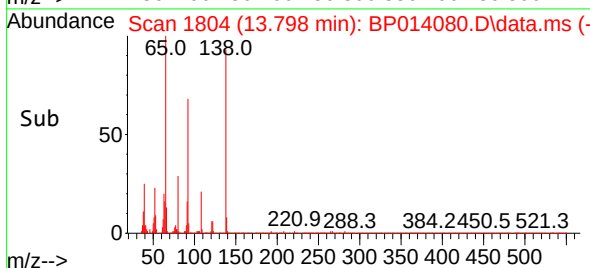
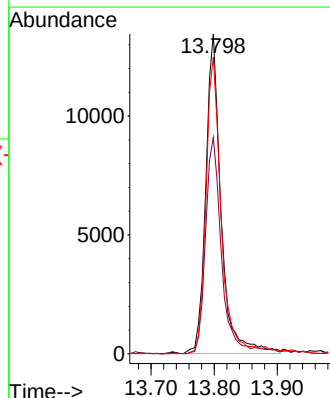
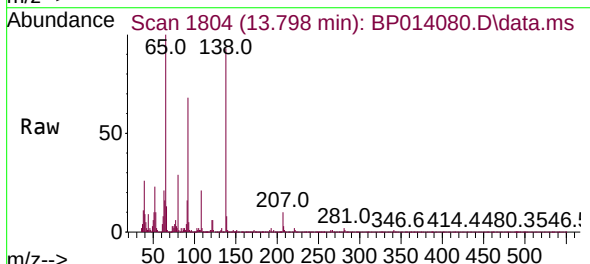
RT: 13.798 min Scan# 1804

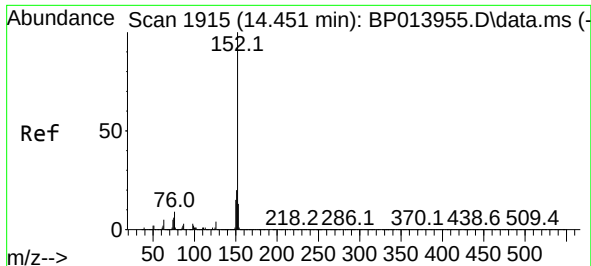
Delta R.T. 0.000 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

Tgt Ion:	65	Resp:	22548
Ion Ratio	Lower	Upper	
65	100		
92	67.7	54.4	81.6
138	92.7	78.0	117.0





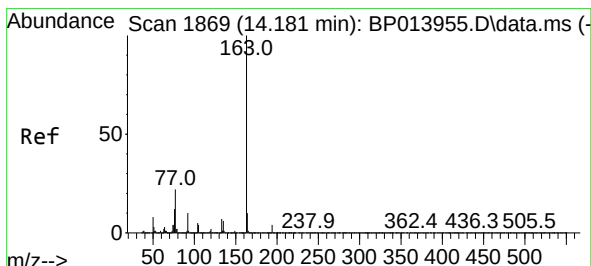
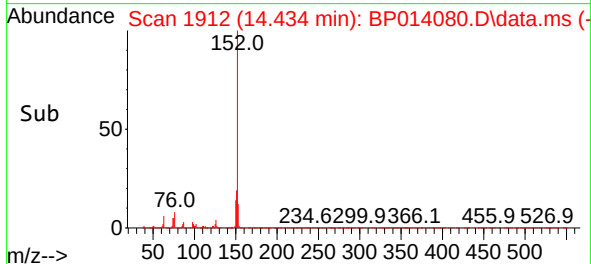
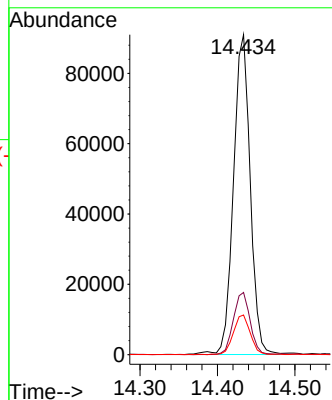
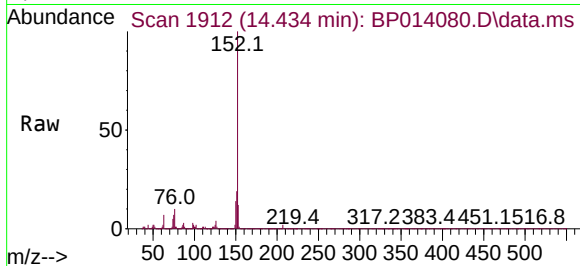
#49
Acenaphthylene
Concen: 3.547 ng
RT: 14.434 min Scan# 1915
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Instrument : BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion:152 Resp: 136939
Ion Ratio Lower Upper
152 100
151 19.4 16.1 24.1
153 12.4 10.4 15.6

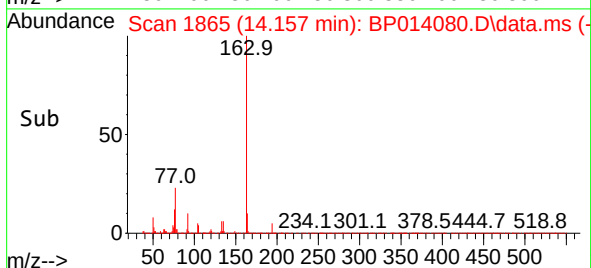
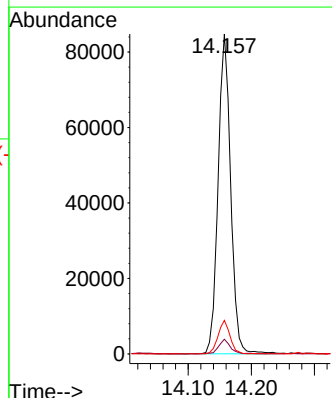
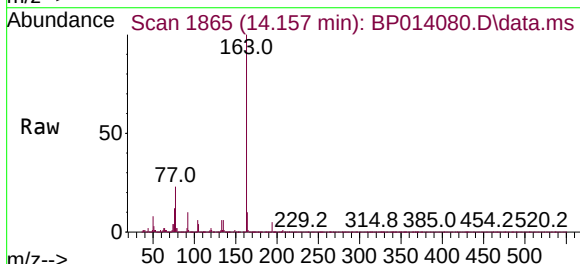
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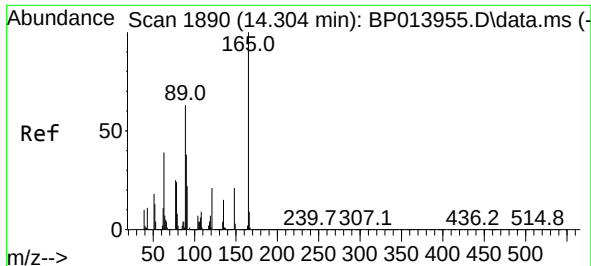
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#50
Dimethylphthalate
Concen: 3.622 ng
RT: 14.157 min Scan# 1865
Delta R.T. -0.012 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

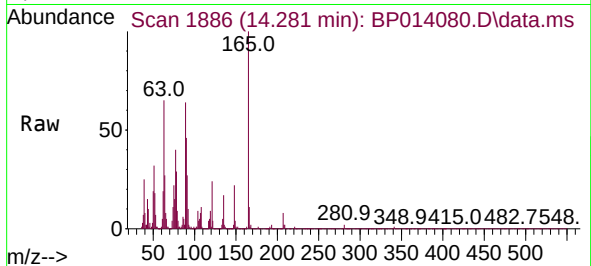
Tgt Ion:163 Resp: 117070
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.2
164 10.5 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 3.139 ng
RT: 14.281 min Scan# 1890
Delta R.T. -0.012 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

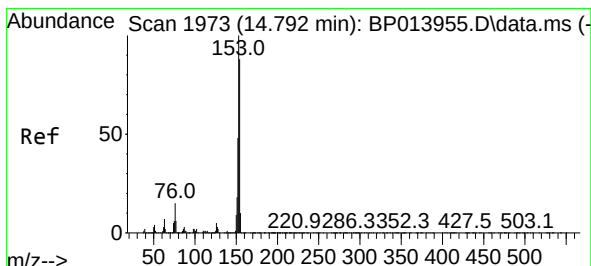
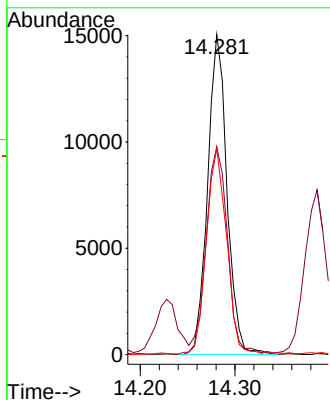
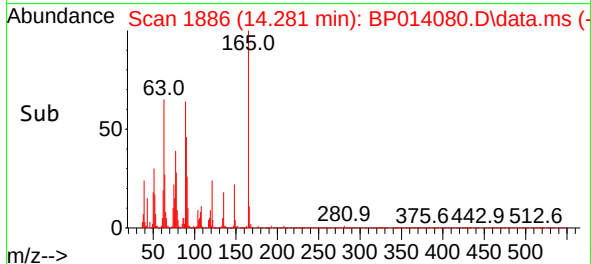
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:165 Resp: 21370
Ion Ratio Lower Upper
165 100
63 65.0 46.7 70.1
89 64.4 50.8 76.2

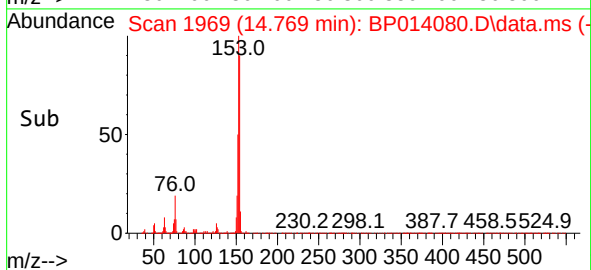
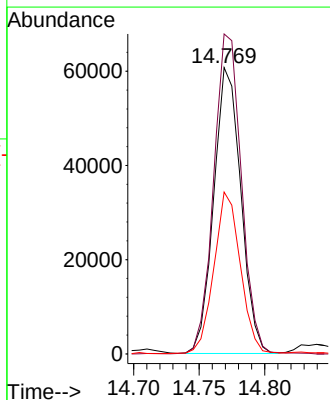
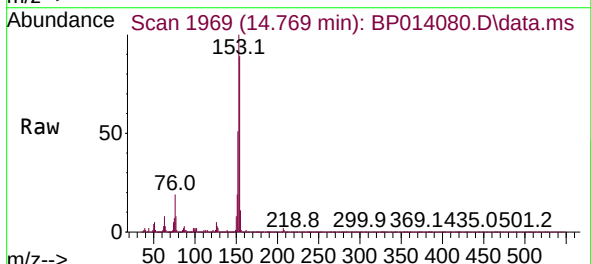
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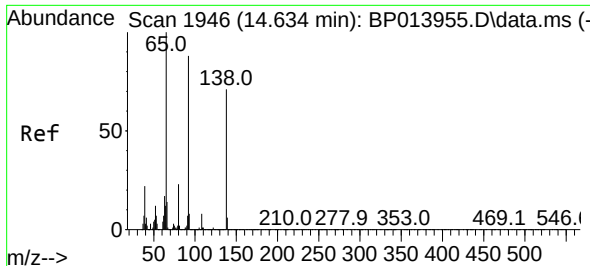
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#52
Acenaphthene
Concen: 3.770 ng
RT: 14.769 min Scan# 1969
Delta R.T. -0.012 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion:154 Resp: 87618
Ion Ratio Lower Upper
154 100
153 111.8 91.3 136.9
152 56.5 43.4 65.0





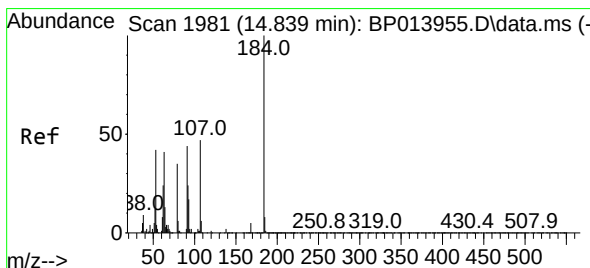
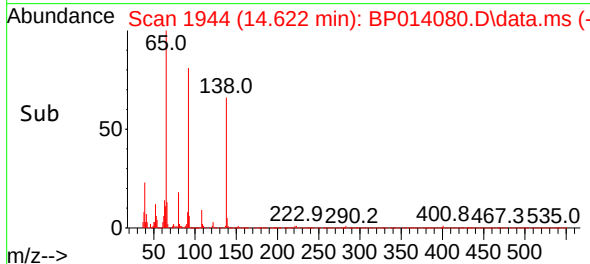
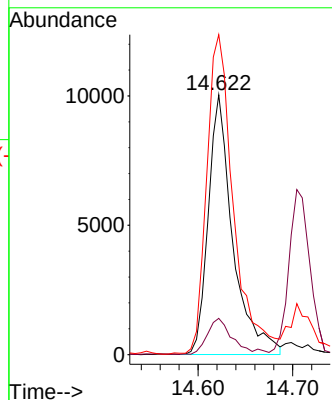
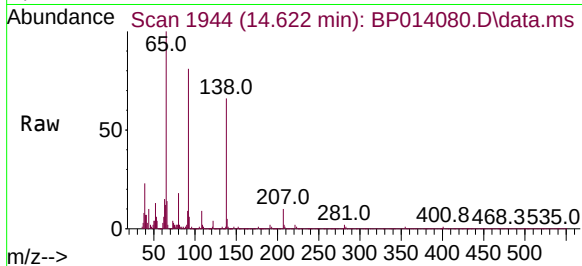
#53
3-Nitroaniline
Concen: 2.715 ng
RT: 14.622 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion:138 Resp: 18116
Ion Ratio Lower Upper
138 100
108 14.0 9.5 14.3
92 123.2 99.2 148.8

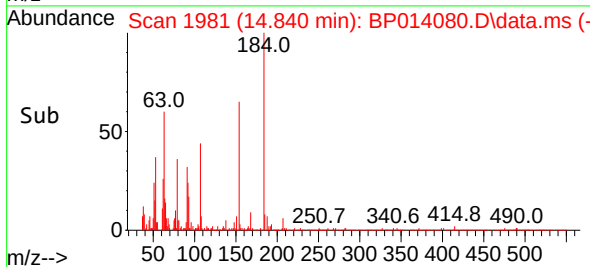
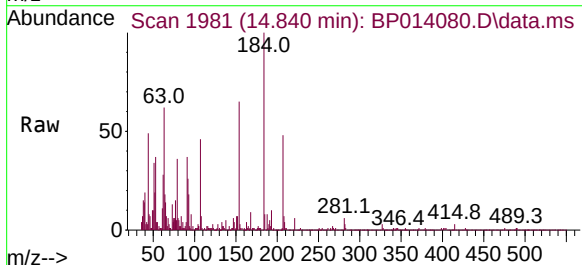
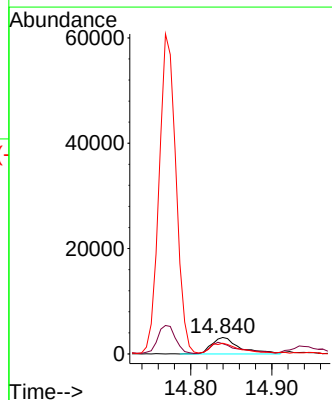
Manual Integrations
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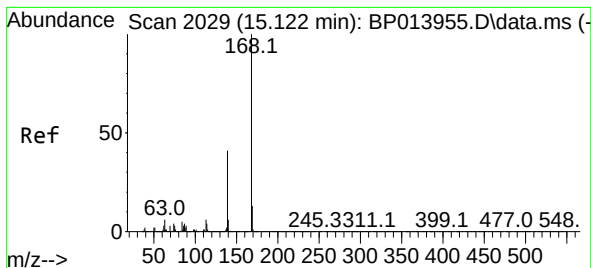
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#54
2,4-Dinitrophenol
Concen: 4.495 ng
RT: 14.840 min Scan# 1981
Delta R.T. 0.012 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion:184 Resp: 7438
Ion Ratio Lower Upper
184 100
63 61.5 52.4 78.6
154 65.1 59.4 89.2





#55

Dibenzenofuran

Concen: 3.826 ng

RT: 15.104 min Scan# 20

Delta R.T. -0.006 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

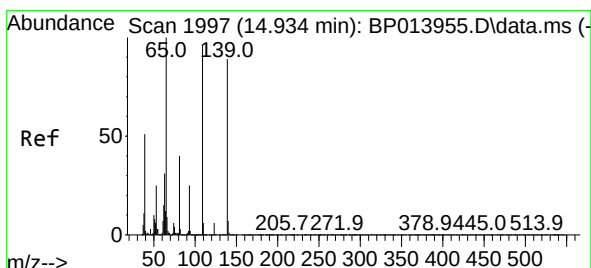
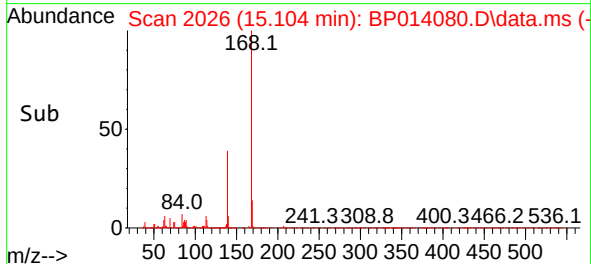
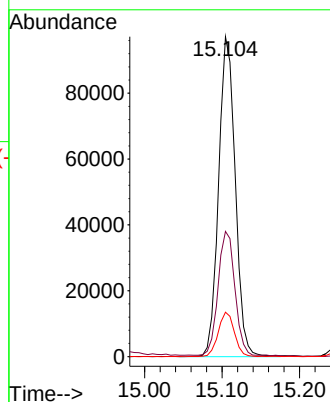
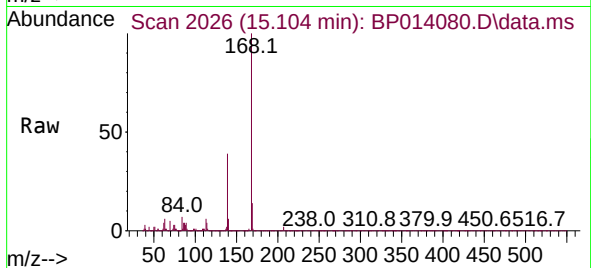
Tgt Ion:168	Resp: 144976
Ion Ratio	Lower Upper
168 100	
139 39.1	32.9 49.3
169 13.9	10.6 15.8

Manual Integrations

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Reviewed By :Yogesh Patel 03/15/2023

Supervised By :Jagrut Upadhyay 03/15/2023



#56

4-Nitrophenol

Concen: 2.190 ng

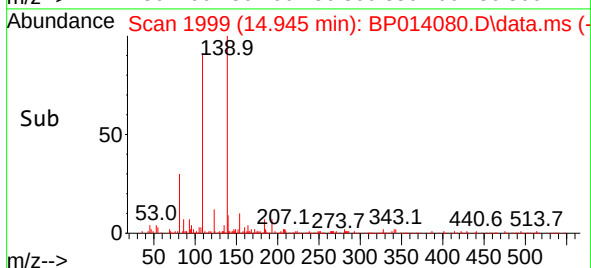
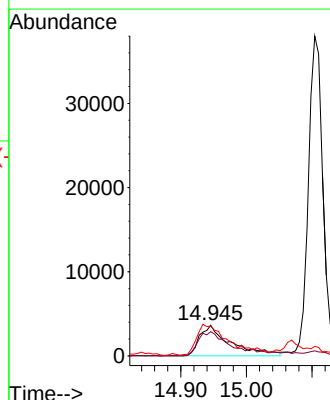
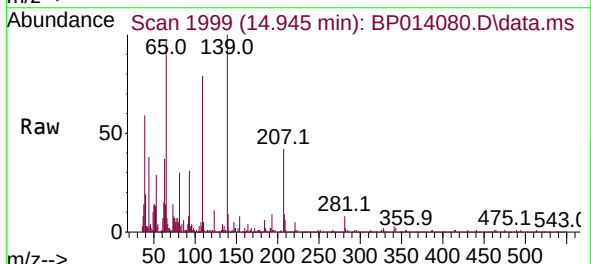
RT: 14.945 min Scan# 1999

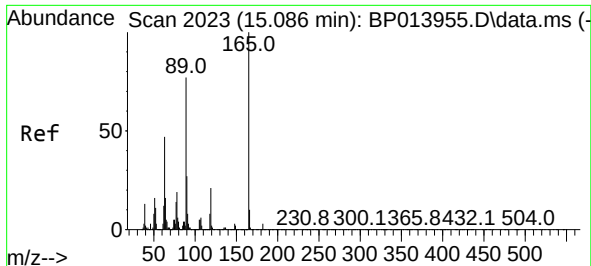
Delta R.T. 0.024 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

Tgt Ion:139	Resp: 11897
Ion Ratio	Lower Upper
139 100	
109 78.9	87.0 127.0
65 96.8	92.1 132.1





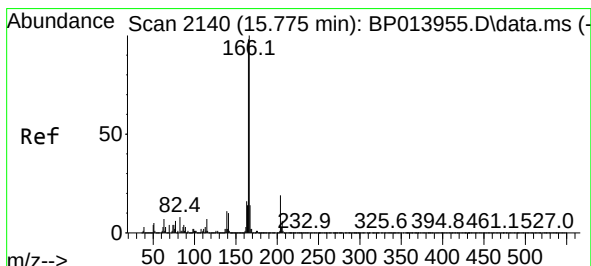
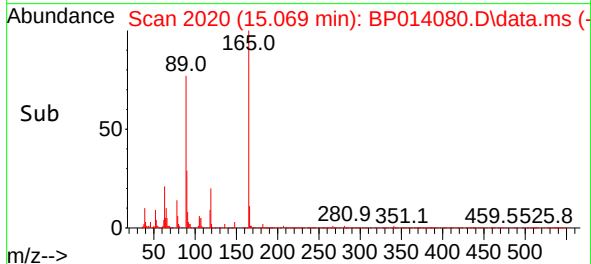
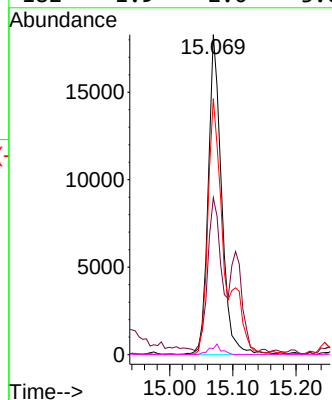
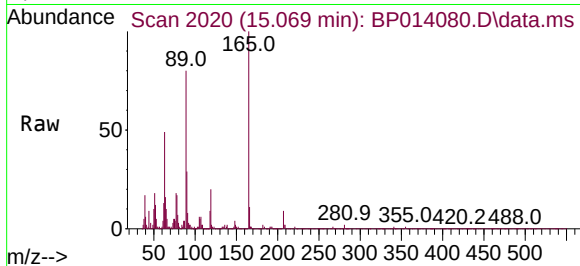
#57
2,4-Dinitrotoluene
Concen: 2.946 ng
RT: 15.069 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion:165 Resp: 26809
Ion Ratio Lower Upper
165 100
63 49.0 37.5 56.3
89 80.0 61.8 92.8
182 1.9 2.0 3.0#

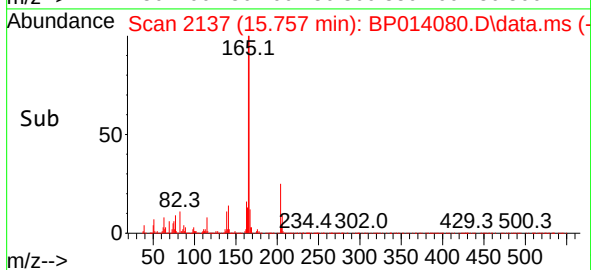
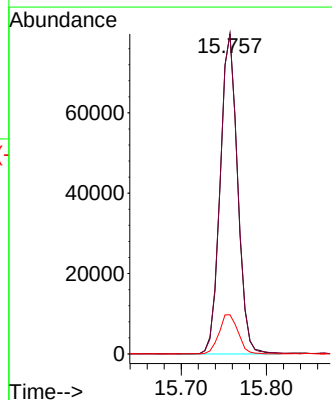
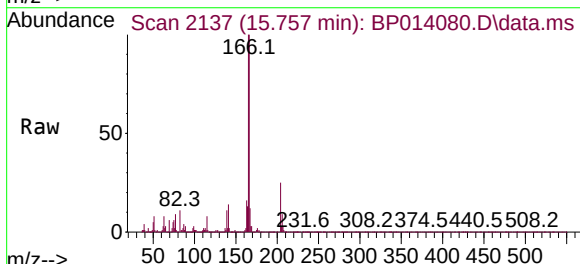
Manual Integrations
APPROVED

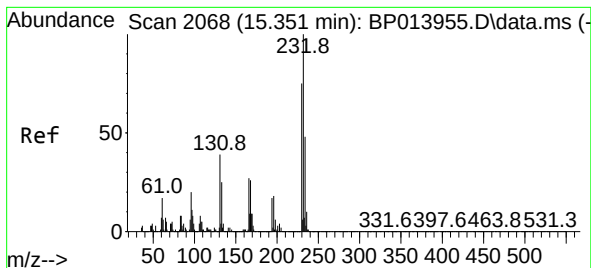
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#58
Fluorene
Concen: 3.745 ng
RT: 15.757 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion:166 Resp: 112685
Ion Ratio Lower Upper
166 100
165 100.1 78.1 117.1
167 12.3 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 3.227 ng

RT: 15.334 min Scan# 2065

Delta R.T. -0.006 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

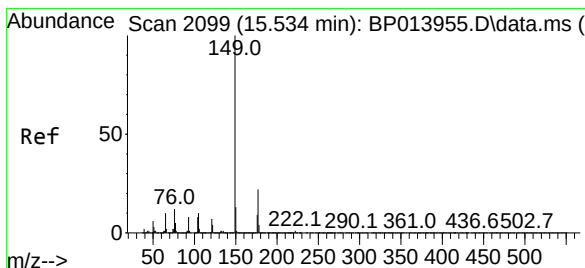
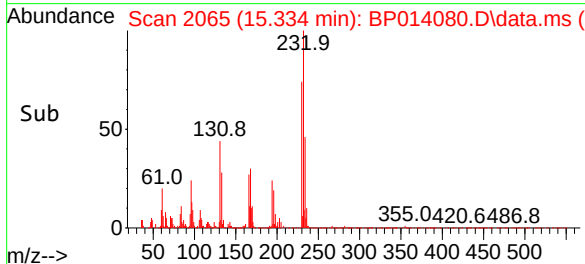
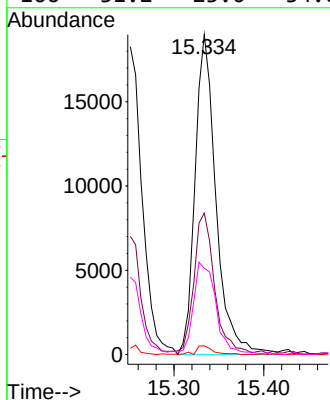
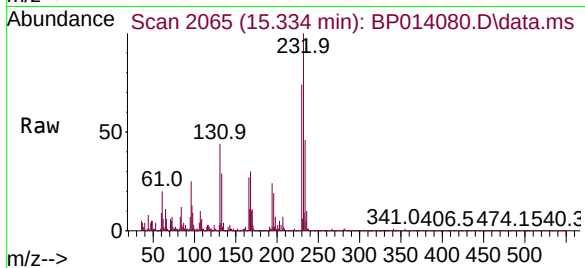
Tgt Ion:	232	Resp:	30794
Ion Ratio	Lower	Upper	
232	100		
131	41.6	32.5	48.7
130	2.2	1.9	2.9
166	31.2	23.0	34.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/15/2023

Supervised By :Jagrut Upadhyay 03/15/2023



#60

Diethylphthalate

Concen: 3.553 ng

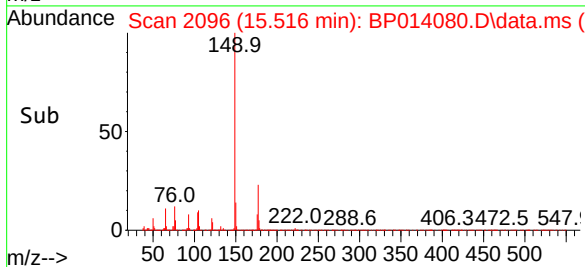
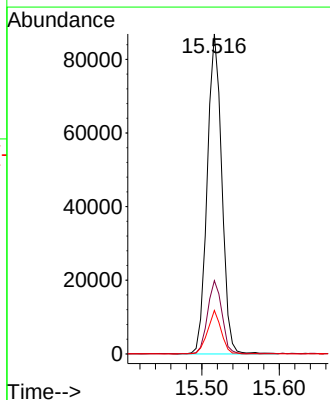
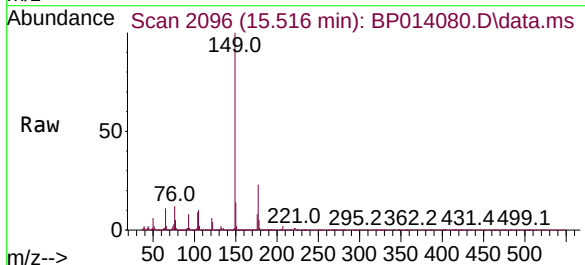
RT: 15.516 min Scan# 2096

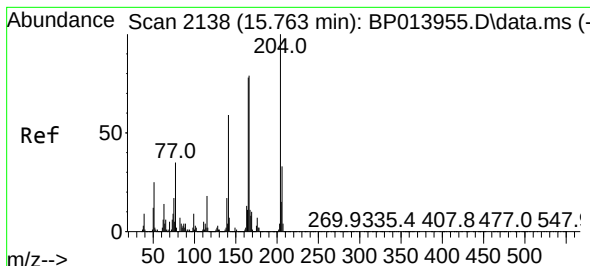
Delta R.T. -0.006 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

Tgt Ion:	149	Resp:	113383
Ion Ratio	Lower	Upper	
149	100		
177	22.9	18.0	27.0
150	13.6	10.3	15.5





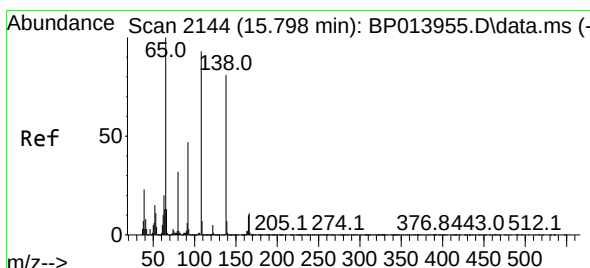
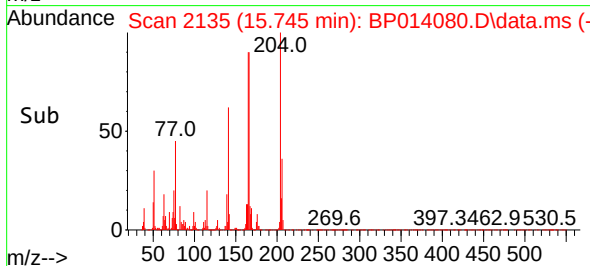
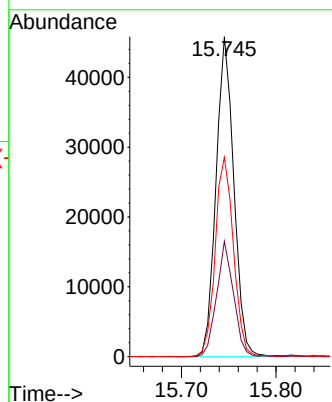
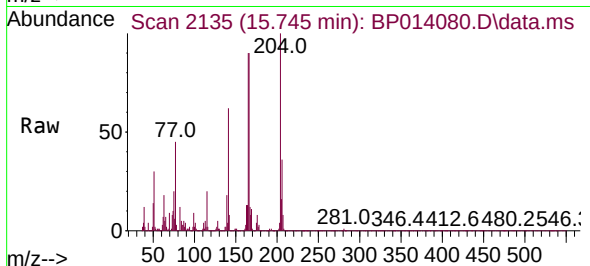
#61
4-Chlorophenyl-phenylether
Concen: 3.512 ng
RT: 15.745 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Instrument : BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion:204 Resp: 59896
Ion Ratio Lower Upper
204 100
206 36.0 26.2 39.4
141 62.3 46.9 70.3

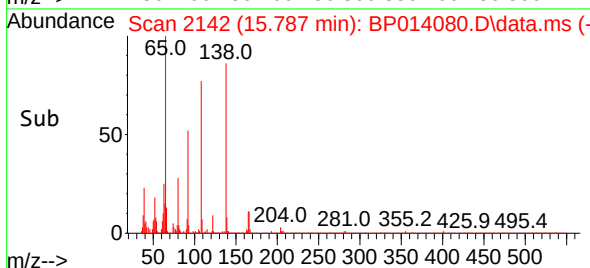
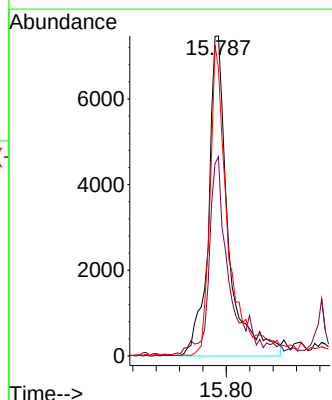
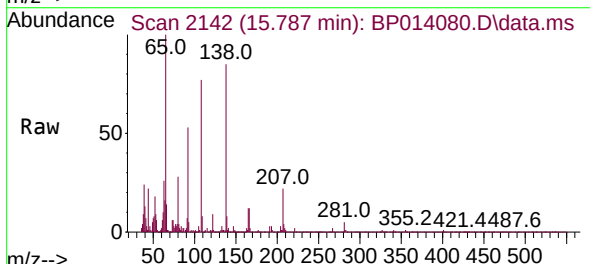
Manual Integrations
APPROVED

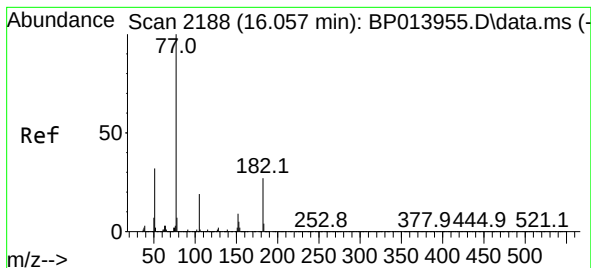
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#62
4-Nitroaniline
Concen: 2.639 ng m
RT: 15.787 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion:138 Resp: 17528
Ion Ratio Lower Upper
138 100
92 62.2 37.9 77.9
108 89.8 94.9 134.9#





#63

Azobenzene

Concen: 3.554 ng

RT: 16.040 min Scan# 2188

Delta R.T. -0.006 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion: 77 Resp: 104969

Ion Ratio Lower Upper

77 100

182 24.0 6.9 46.9

105 20.5 0.0 39.4

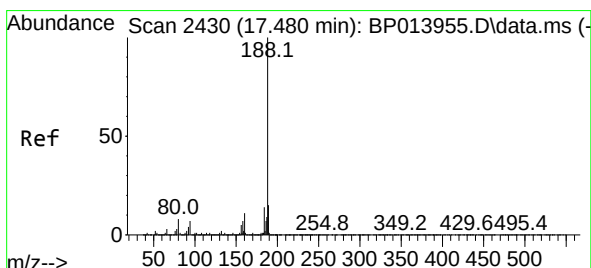
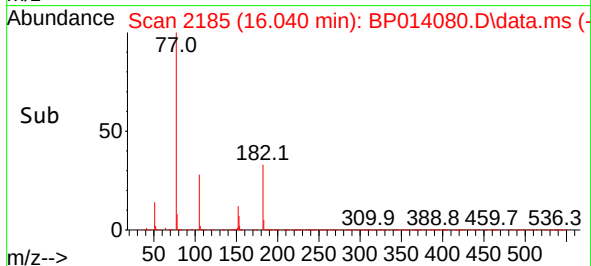
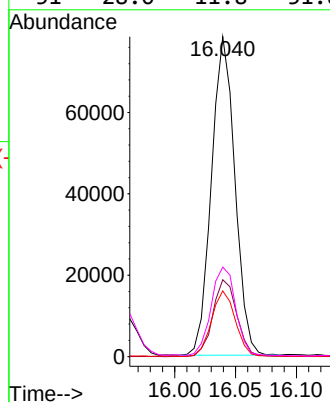
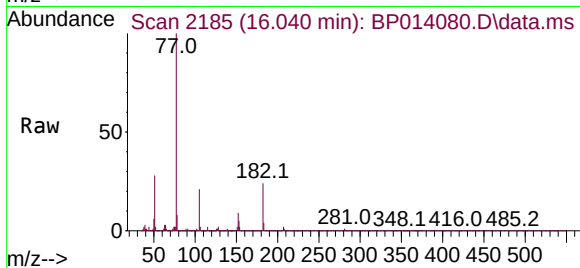
51 28.0 11.8 51.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/15/2023

Supervised By :Jagrut Upadhyay 03/15/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.463 min Scan# 2427

Delta R.T. -0.006 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

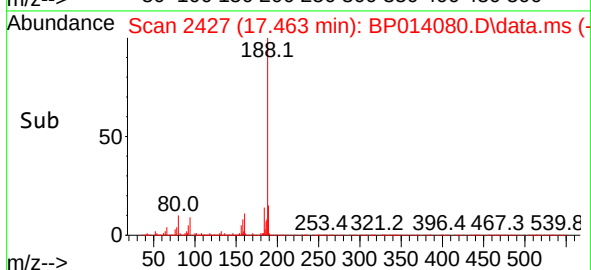
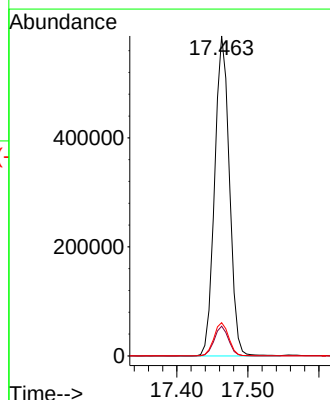
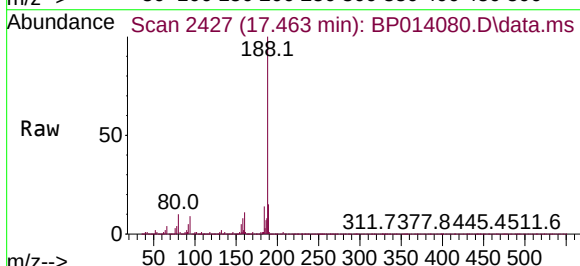
Tgt Ion:188 Resp: 847456

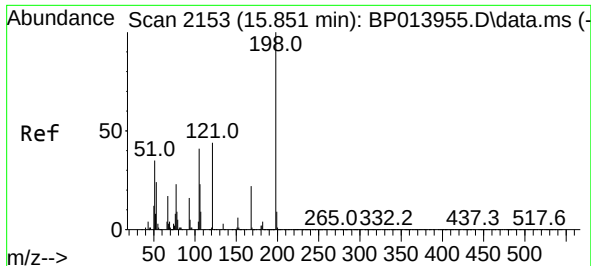
Ion Ratio Lower Upper

188 100

94 9.3 5.8 8.6#

80 10.4 6.6 9.8#





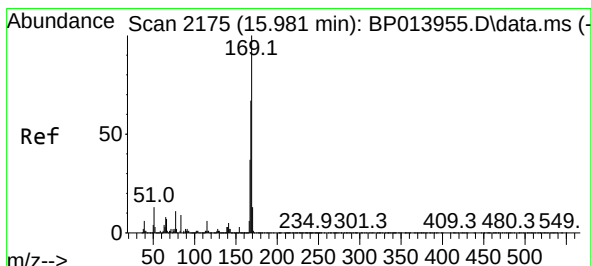
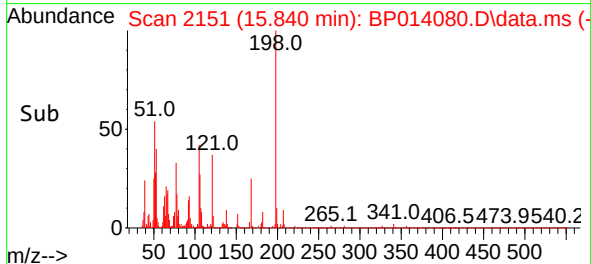
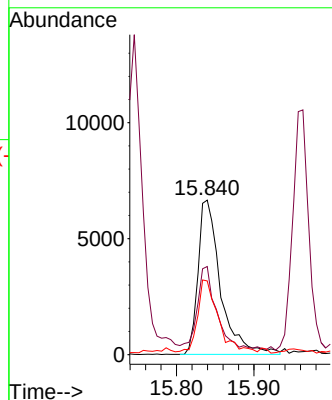
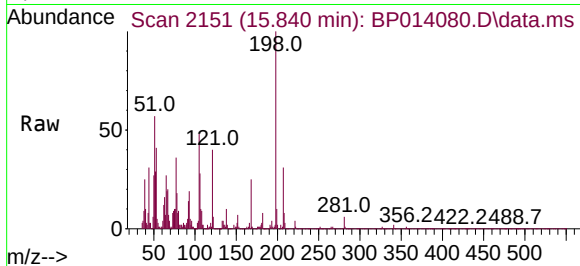
#65
4,6-Dinitro-2-methylphenol
Concen: 2.138 ng
RT: 15.840 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion:198 Resp: 13418
Ion Ratio Lower Upper
198 100
51 57.0 22.1 62.1
105 47.7 21.5 61.5

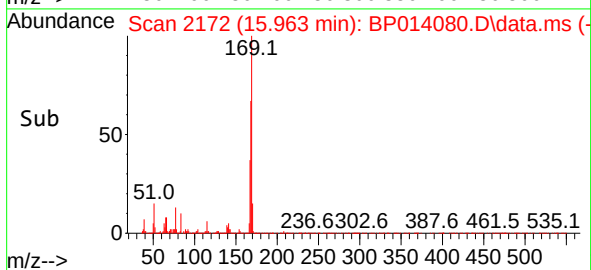
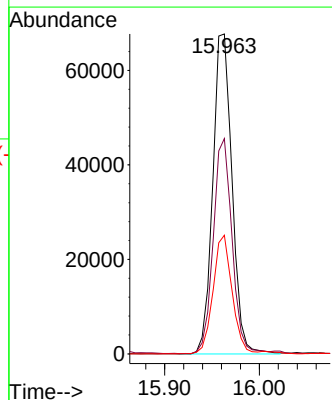
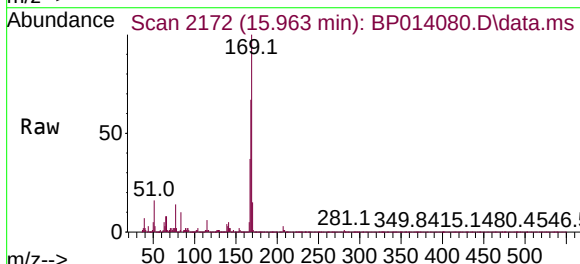
Manual Integrations
APPROVED

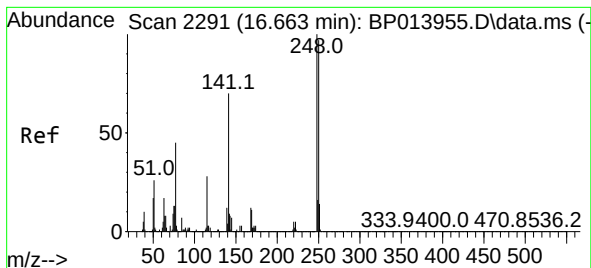
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#66
n-Nitrosodiphenylamine
Concen: 3.572 ng
RT: 15.963 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion:169 Resp: 95658
Ion Ratio Lower Upper
169 100
168 67.3 54.0 81.0
167 37.1 29.4 44.2





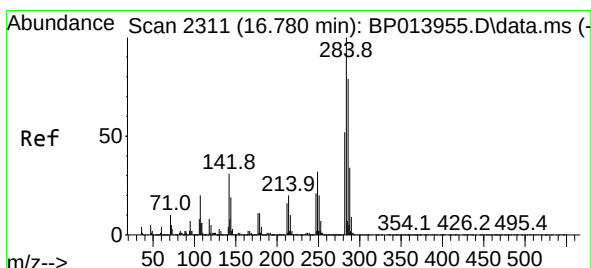
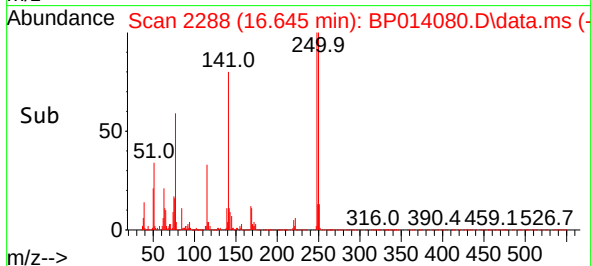
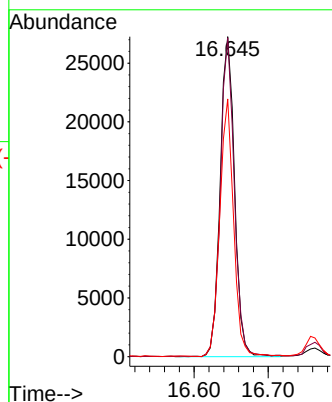
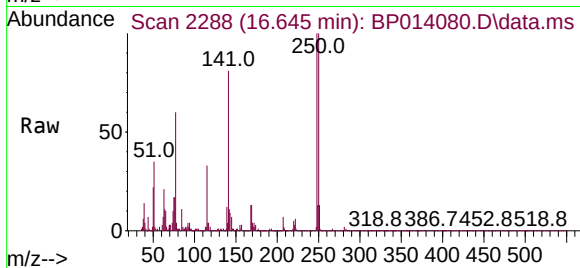
#67
4-Bromophenyl-phenylether
Concen: 3.266 ng
RT: 16.645 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion:248 Resp: 36613
Ion Ratio Lower Upper
248 100
250 99.6 77.9 116.9
141 80.5 56.0 84.0

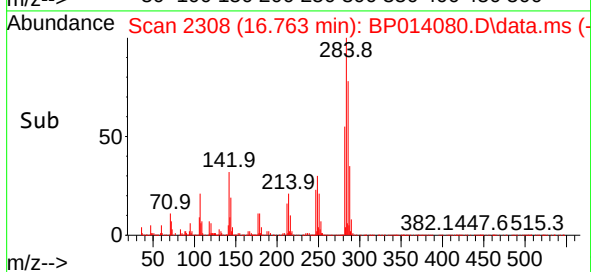
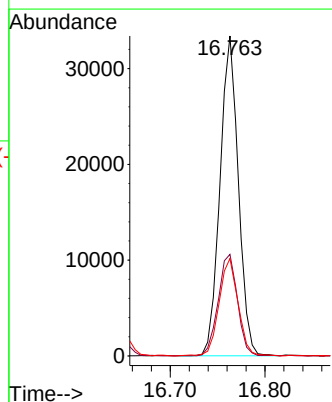
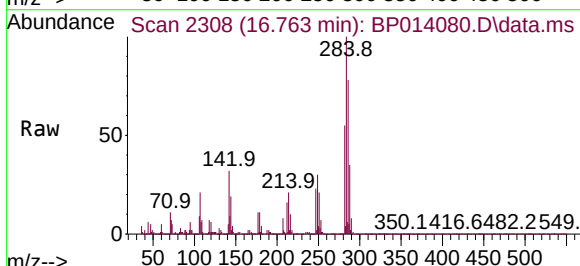
Manual Integrations
APPROVED

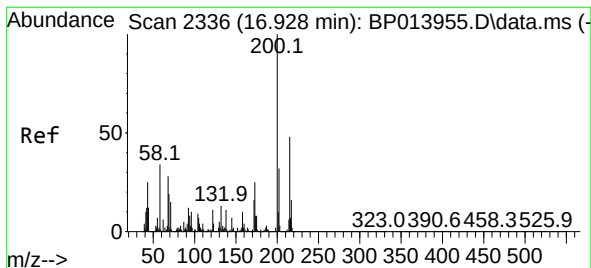
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#68
Hexachlorobenzene
Concen: 3.735 ng
RT: 16.763 min Scan# 2308
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion:284 Resp: 44883
Ion Ratio Lower Upper
284 100
142 31.7 24.8 37.2
249 30.4 25.7 38.5





#69

Atrazine

Concen: 3.416 ng

RT: 16.910 min Scan# 2333

Delta R.T. -0.006 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

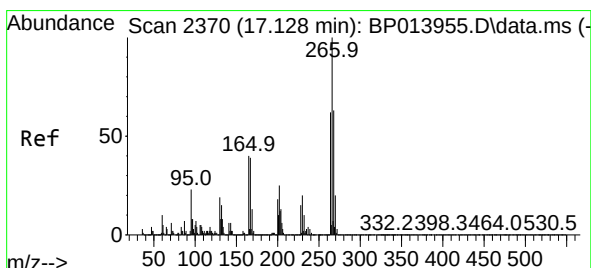
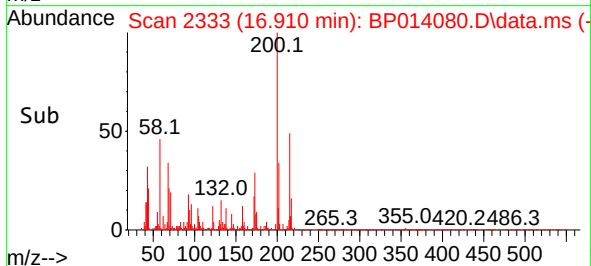
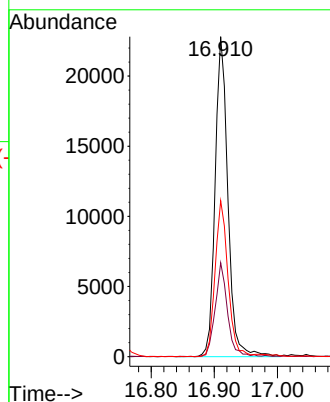
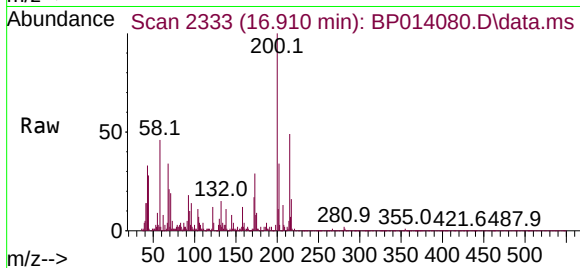
Tgt Ion:200 Resp: 32120
 Ion Ratio Lower Upper
 200 100
 173 29.4 5.5 45.5
 215 48.7 27.9 67.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/15/2023

Supervised By :Jagrut Upadhyay 03/15/2023



#70

Pentachlorophenol

Concen: 2.345 ng

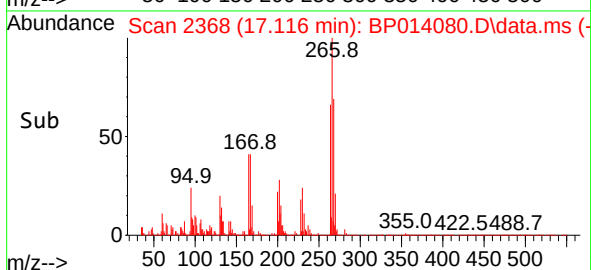
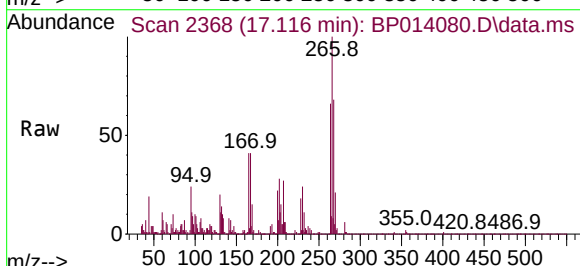
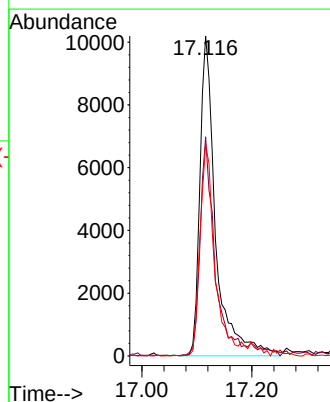
RT: 17.116 min Scan# 2368

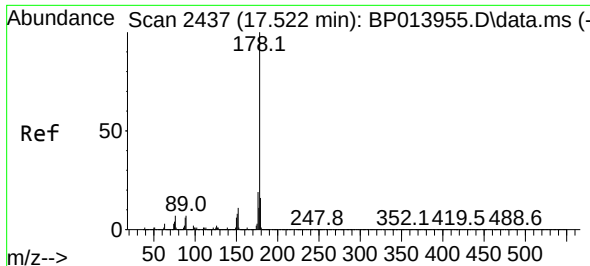
Delta R.T. 0.000 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

Tgt Ion:266 Resp: 20322
 Ion Ratio Lower Upper
 266 100
 268 68.5 50.4 75.6
 264 66.0 49.2 73.8





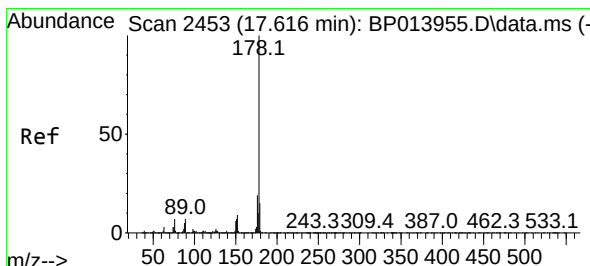
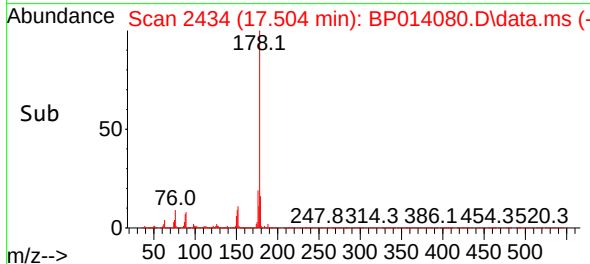
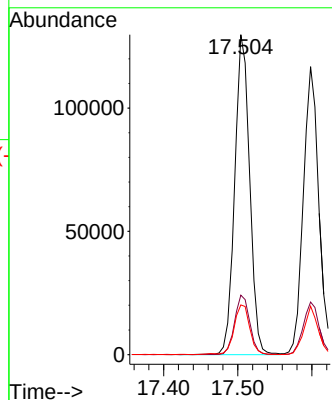
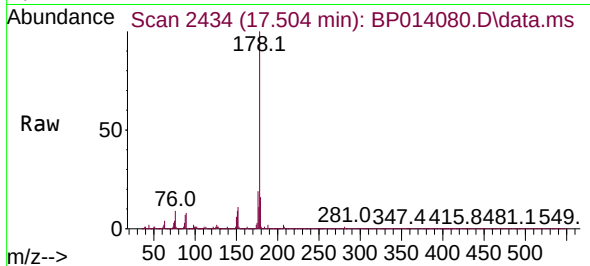
#71
Phenanthrene
Concen: 3.842 ng
RT: 17.504 min Scan# 2437
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT1-2023

Tgt Ion:178 Resp: 181914
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.2
179 15.5 12.6 19.0

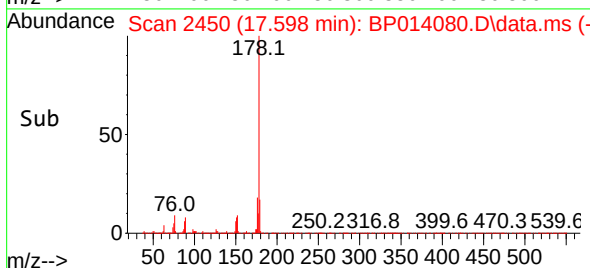
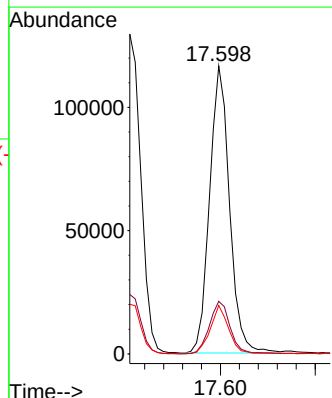
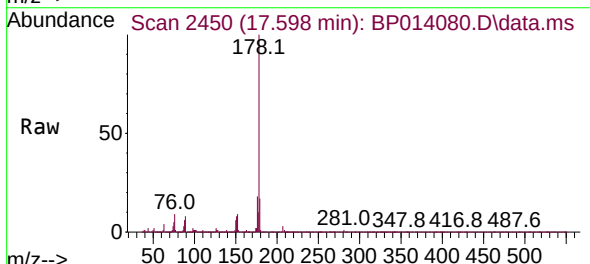
Manual Integrations
APPROVED

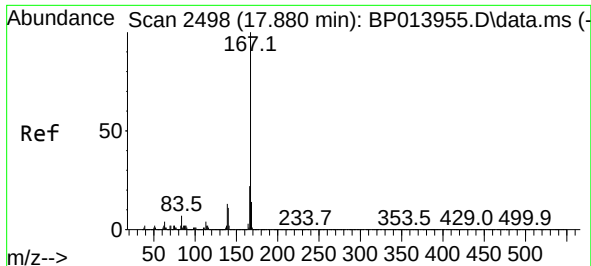
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#72
Anthracene
Concen: 3.528 ng
RT: 17.598 min Scan# 2450
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion:178 Resp: 170650
Ion Ratio Lower Upper
178 100
176 18.3 14.9 22.3
179 16.8 12.1 18.1





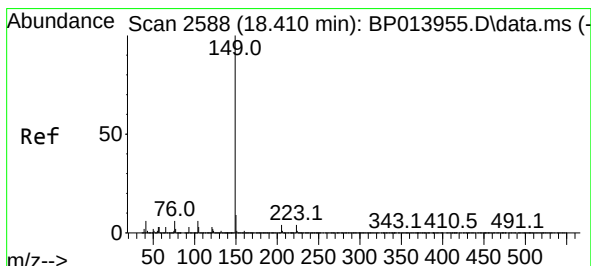
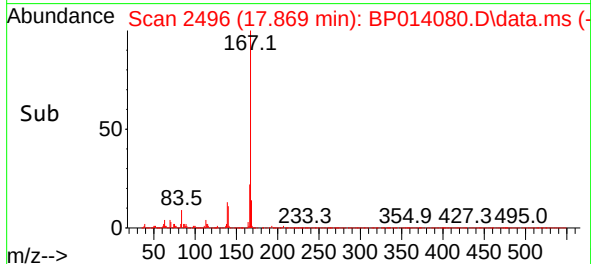
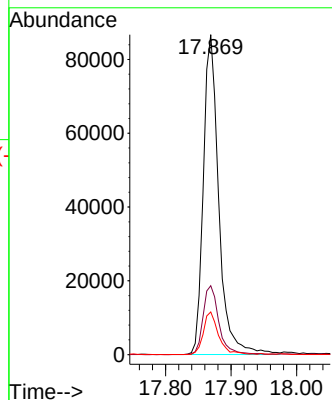
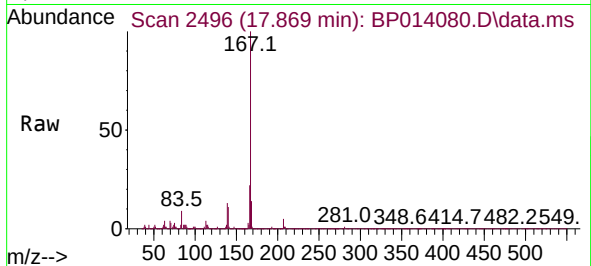
#73
 Carbazole
 Concen: 3.390 ng
 RT: 17.869 min Scan# 2498
 Delta R.T. 0.000 min
 Lab File: BP014080.D
 Acq: 14 Mar 2023 12:49

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT1-2023

Tgt Ion:167 Resp: 141472
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 13.4 10.5 15.7

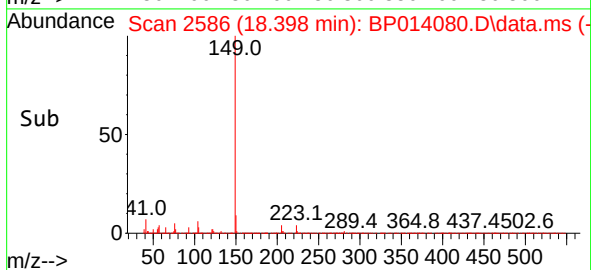
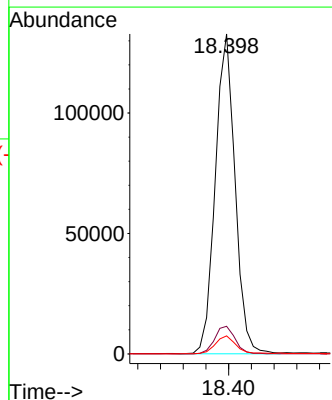
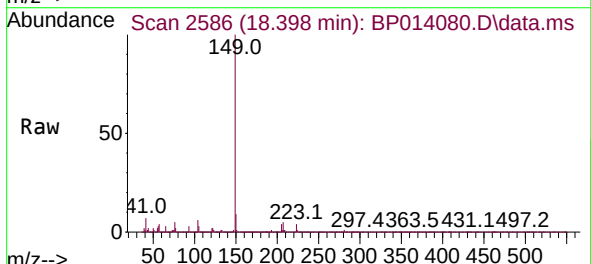
Manual Integrations
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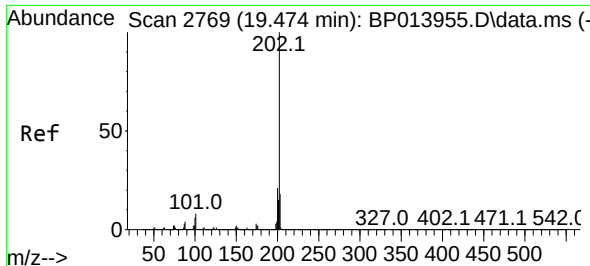
Reviewed By :Yogesh Patel 03/15/2023
 Supervised By :Jagrut Upadhyay 03/15/2023



#74
 Di-n-butylphthalate
 Concen: 3.072 ng
 RT: 18.398 min Scan# 2586
 Delta R.T. 0.000 min
 Lab File: BP014080.D
 Acq: 14 Mar 2023 12:49

Tgt Ion:149 Resp: 160285
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.2 10.8
 104 5.6 4.6 7.0





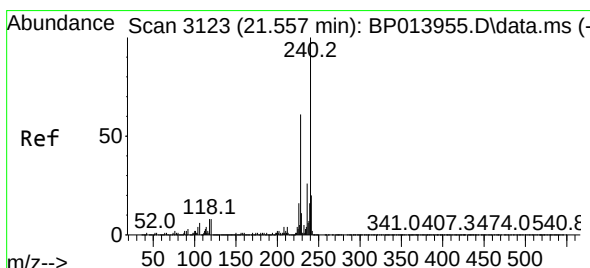
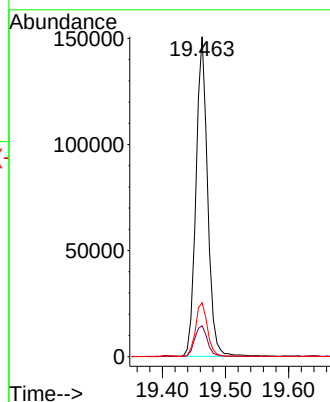
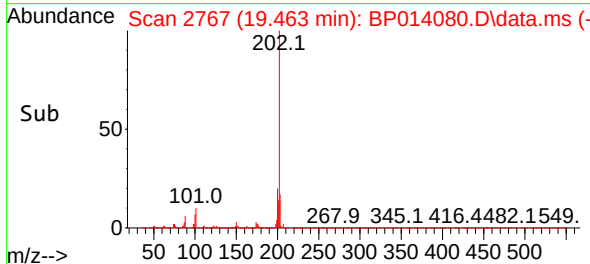
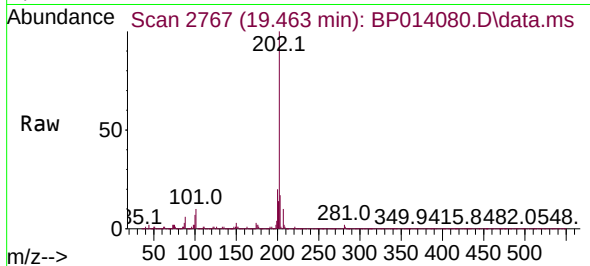
#75
Fluoranthene
Concen: 3.413 ng
RT: 19.463 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion:202 Resp: 193142
Ion Ratio Lower Upper
202 100
101 9.6 0.0 27.9
203 16.8 0.0 37.7

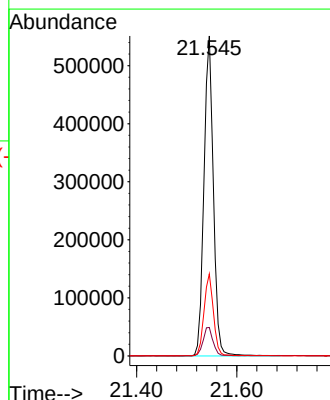
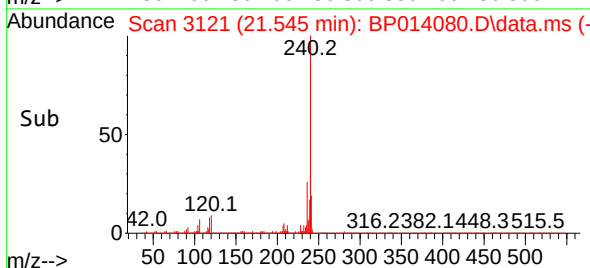
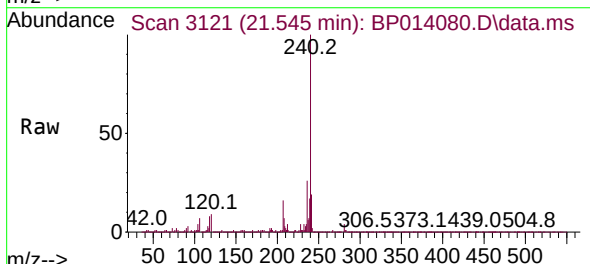
Manual Integrations
APPROVED

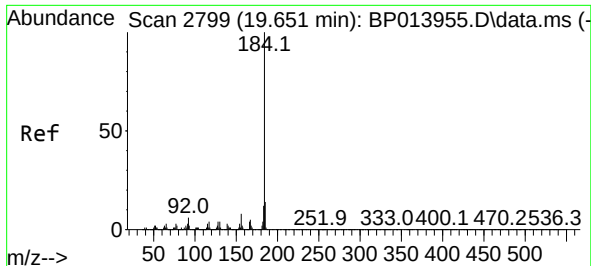
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.545 min Scan# 3121
Delta R.T. 0.000 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion:240 Resp: 720410
Ion Ratio Lower Upper
240 100
120 8.9 6.4 9.6
236 25.6 21.2 31.8





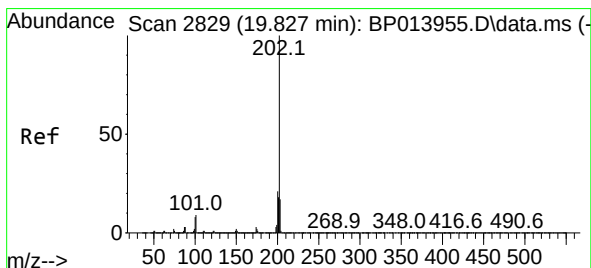
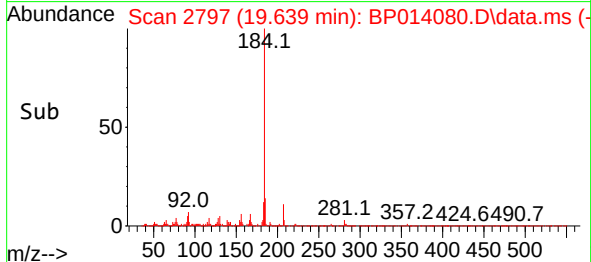
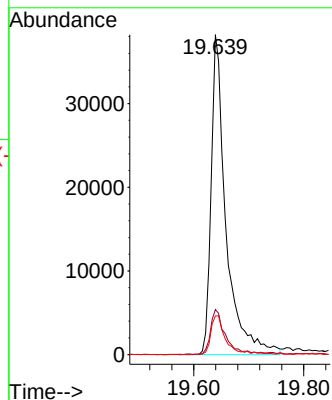
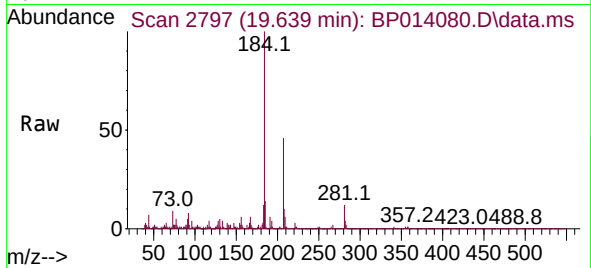
#77
Benzidine
Concen: 6.937 ng
RT: 19.639 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion:184 Resp: 71955
Ion Ratio Lower Upper
184 100
185 14.1 11.6 17.4
183 12.1 9.7 14.5

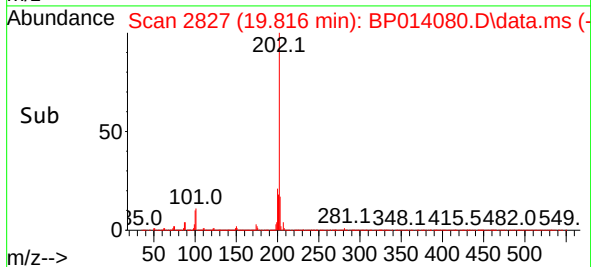
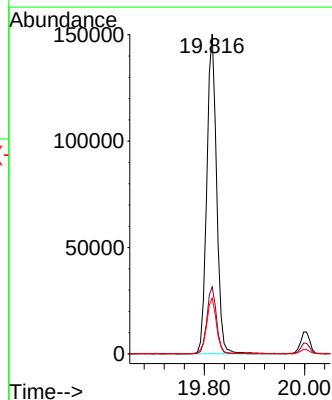
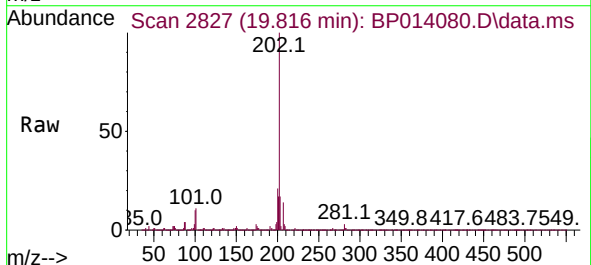
Manual Integrations
APPROVED

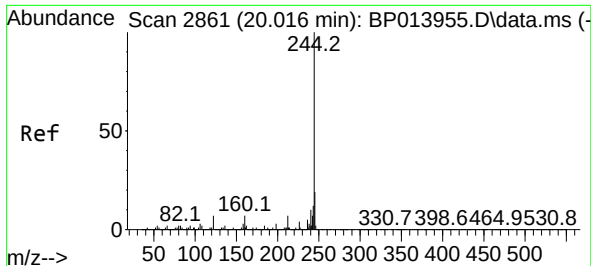
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#78
Pyrene
Concen: 3.694 ng
RT: 19.816 min Scan# 2827
Delta R.T. 0.000 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

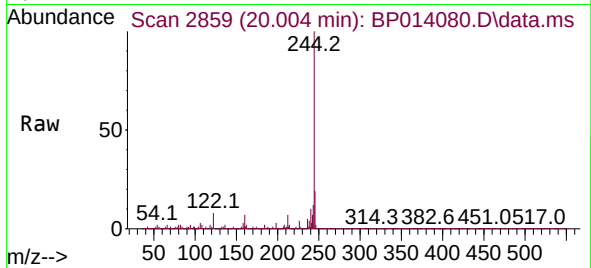
Tgt Ion:202 Resp: 204257
Ion Ratio Lower Upper
202 100
200 20.9 16.9 25.3
203 17.4 13.9 20.9





#79
 Terphenyl-d14
 Concen: 80.686 ng
 RT: 20.004 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: BP014080.D
 Acq: 14 Mar 2023 12:49

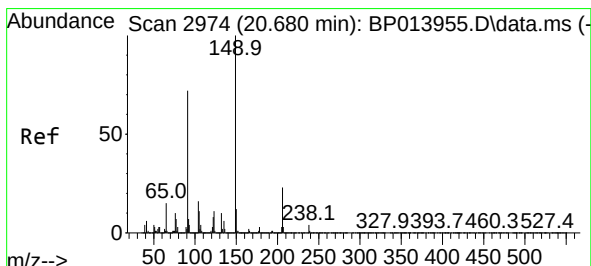
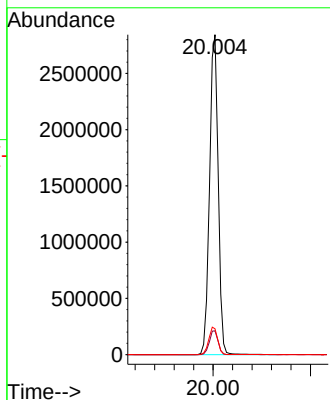
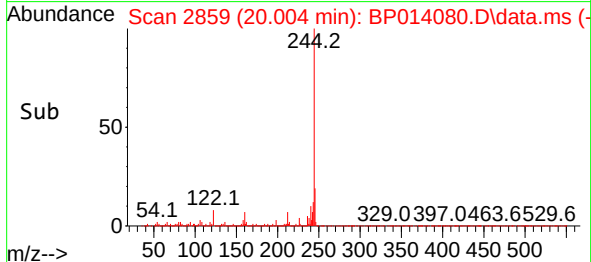
Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT1-2023



Tgt Ion:244 Resp: 3525080
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 8.1 5.8 8.6

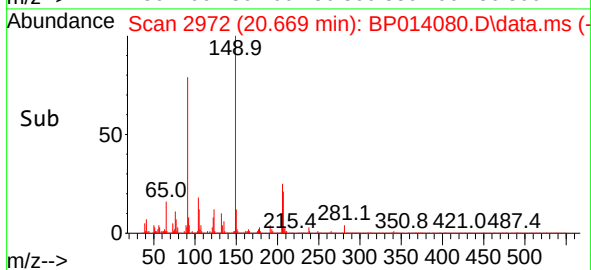
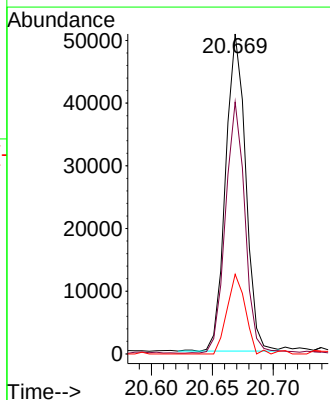
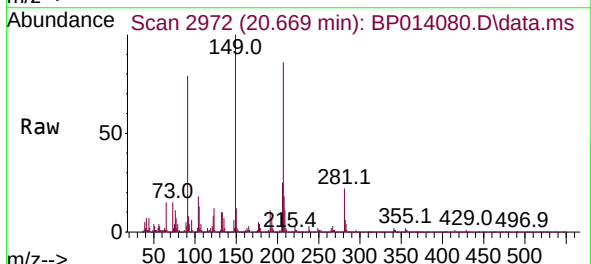
Manual Integrations
 APPROVED

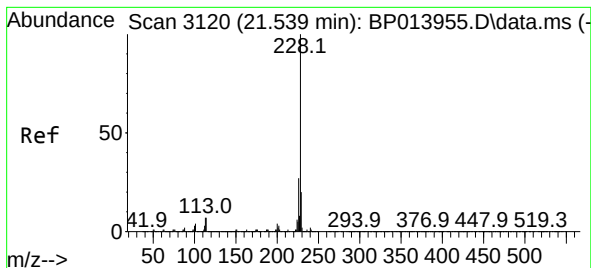
Reviewed By :Yogesh Patel 03/15/2023
 Supervised By :Jagrut Upadhyay 03/15/2023



#80
 Butylbenzylphthalate
 Concen: 2.777 ng
 RT: 20.669 min Scan# 2972
 Delta R.T. 0.000 min
 Lab File: BP014080.D
 Acq: 14 Mar 2023 12:49

Tgt Ion:149 Resp: 58207
 Ion Ratio Lower Upper
 149 100
 91 78.7 58.0 87.0
 206 24.9 18.7 28.1





#81

Benzo(a)anthracene

Concen: 3.529 ng

RT: 21.527 min Scan# 3118

Delta R.T. 0.000 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

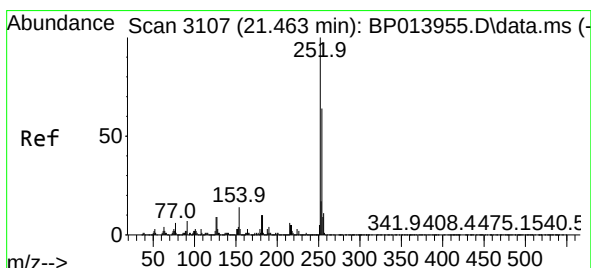
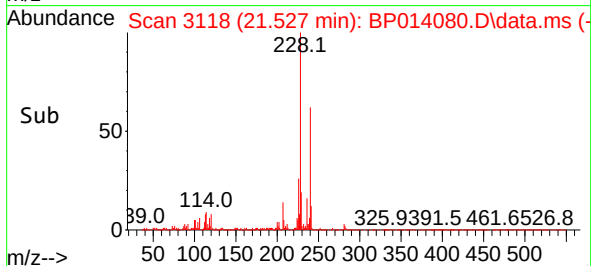
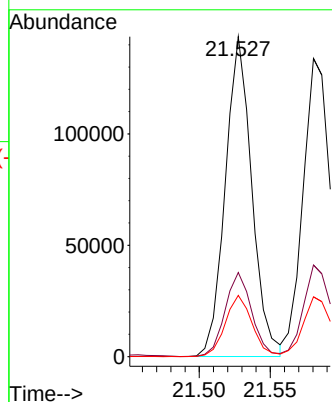
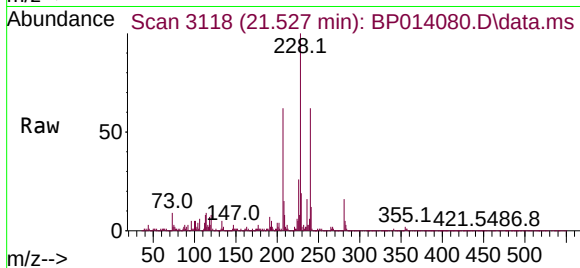
Tgt Ion:	228	Resp:	186532
Ion Ratio	Lower	Upper	
228	100		
226	26.3	21.8	32.8
229	19.1	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/15/2023

Supervised By :Jagrut Upadhyay 03/15/2023



#82

3,3'-Dichlorobenzidine

Concen: 3.500 ng

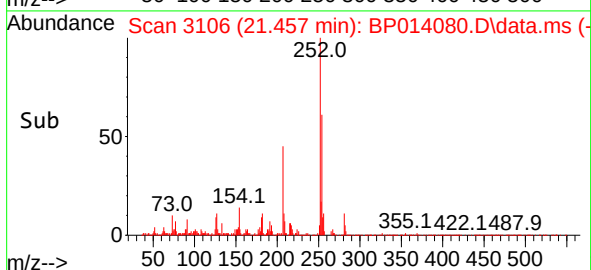
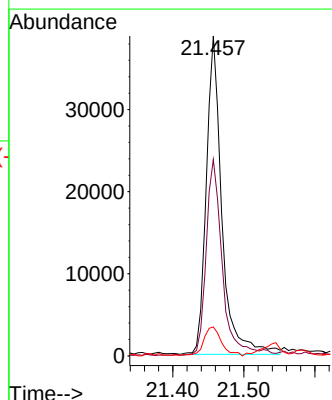
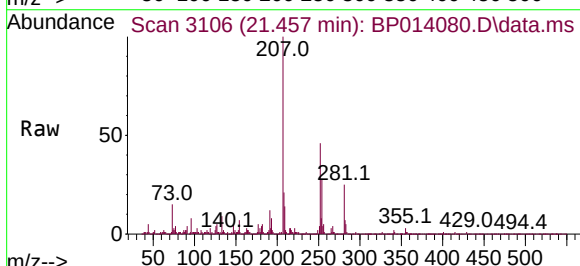
RT: 21.457 min Scan# 3106

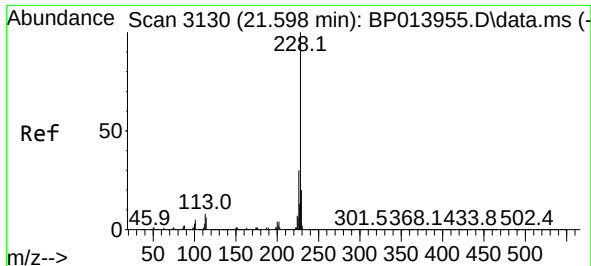
Delta R.T. 0.006 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

Tgt Ion:	252	Resp:	59195
Ion Ratio	Lower	Upper	
252	100		
254	61.4	51.0	76.6
126	9.0	7.0	10.6





#83

Chrysene

Concen: 3.661 ng

RT: 21.580 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

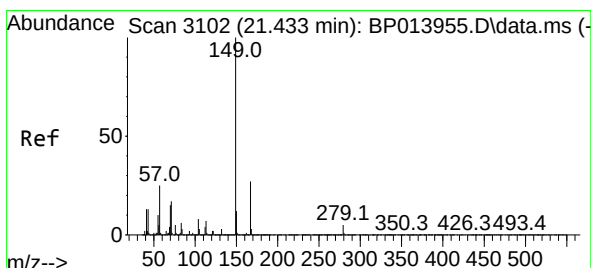
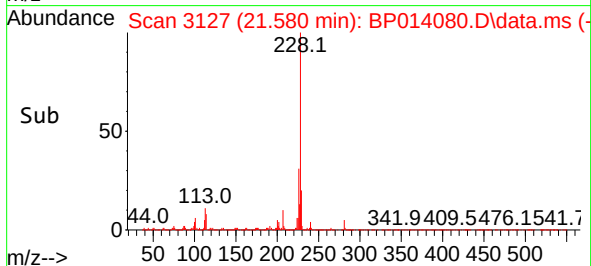
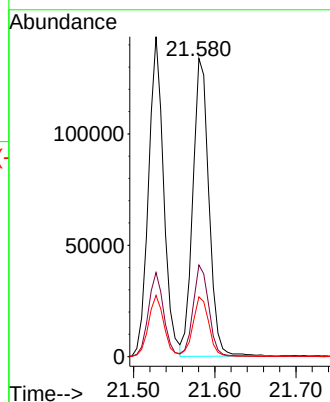
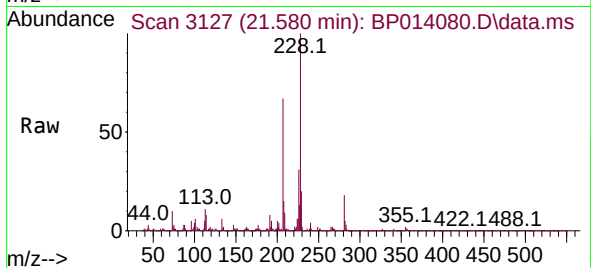
Tgt Ion:	228	Resp:	183268
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.2	36.4
229	20.1	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/15/2023

Supervised By :Jagrut Upadhyay 03/15/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.565 ng

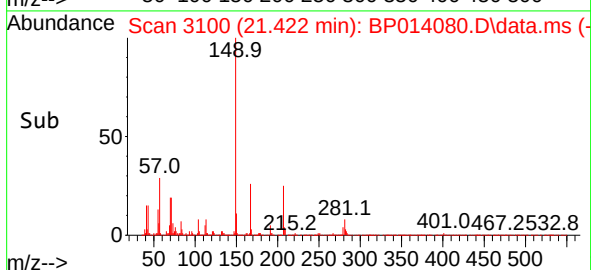
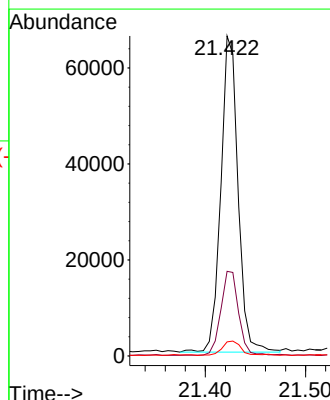
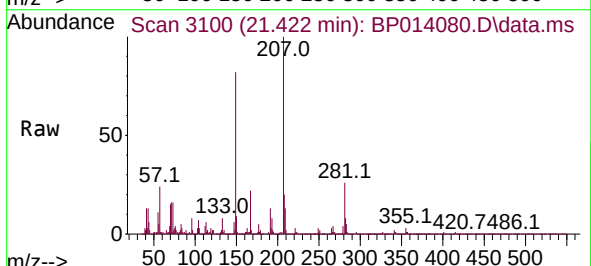
RT: 21.422 min Scan# 3100

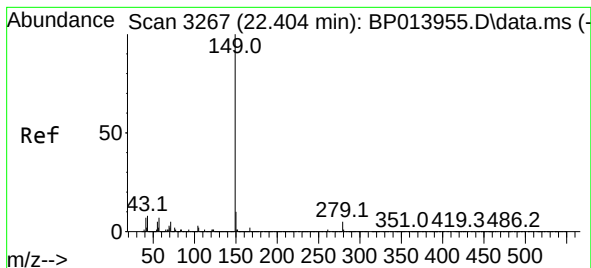
Delta R.T. 0.000 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

Tgt Ion:	149	Resp:	78875
Ion Ratio	Lower	Upper	
149	100		
167	26.4	21.8	32.6
279	4.4	4.0	6.0





#85

Di-n-octyl phthalate

Concen: 2.279 ng

RT: 22.392 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

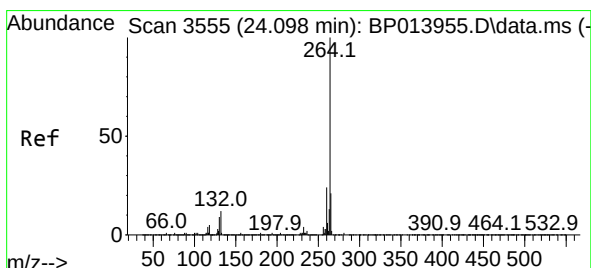
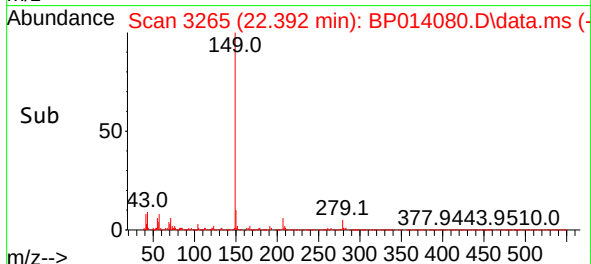
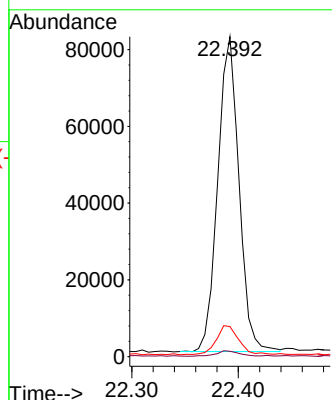
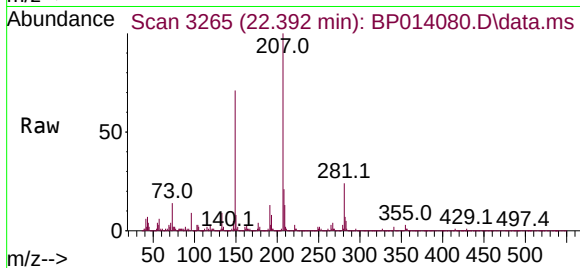
Tgt Ion:	149	Resp:	11375
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.3	1.9
43	9.5	6.4	9.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/15/2023

Supervised By :Jagrut Upadhyay 03/15/2023



#86

Perylene-d12

Concen: 20.000 ng

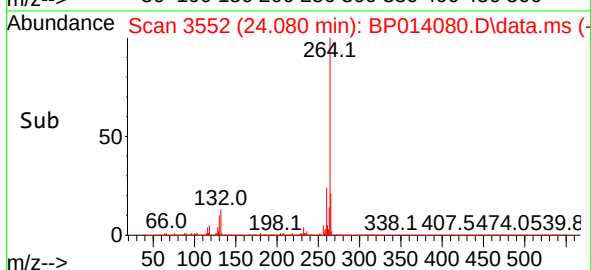
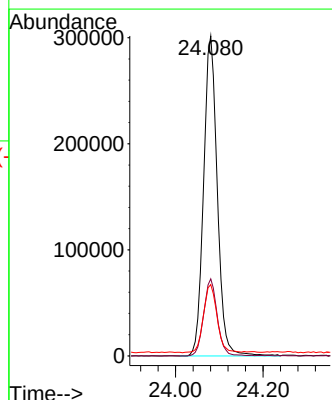
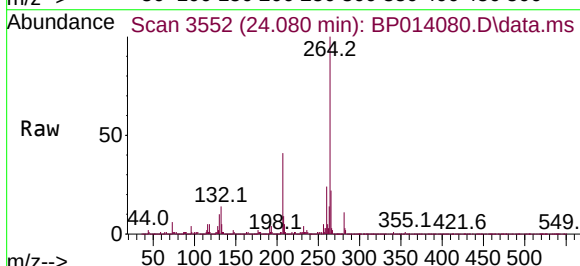
RT: 24.080 min Scan# 3552

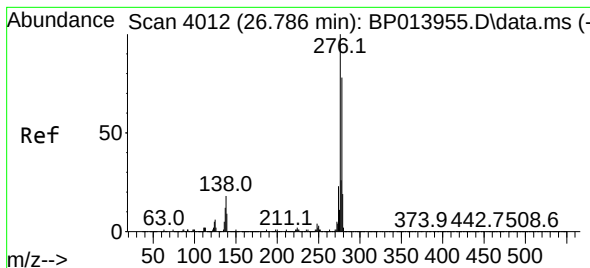
Delta R.T. 0.000 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

Tgt Ion:	264	Resp:	652088
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.4	29.2
265	22.3	17.8	26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.029 ng

RT: 26.745 min Scan# 4012

Delta R.T. -0.006 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

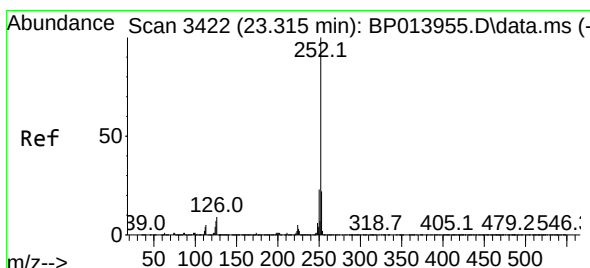
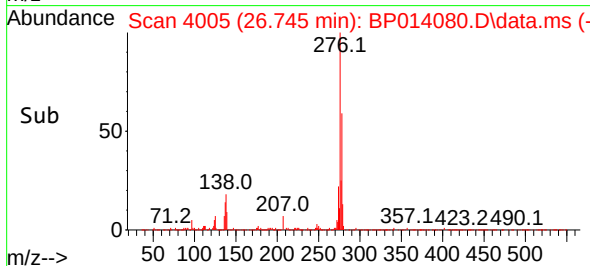
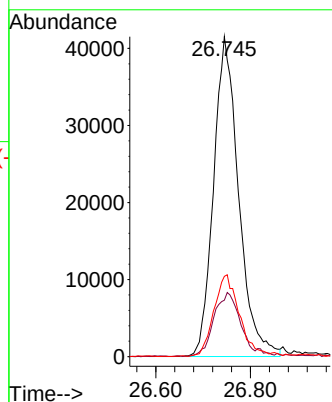
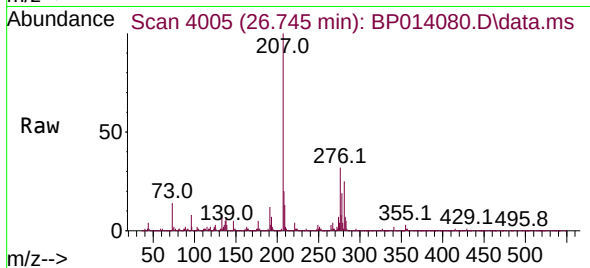
Tgt Ion:	276	Resp:	152629
Ion Ratio	Lower	Upper	
276	100		
138	20.6	13.8	20.8
277	25.7	20.4	30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/15/2023

Supervised By :Jagrut Upadhyay 03/15/2023



#88

Benzo(b)fluoranthene

Concen: 3.664 ng

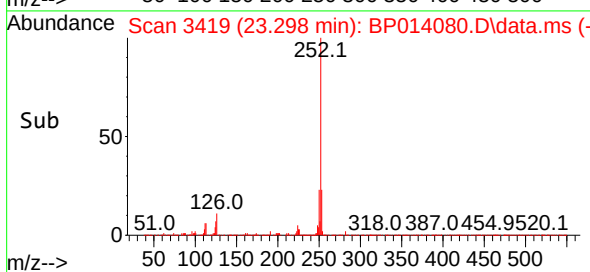
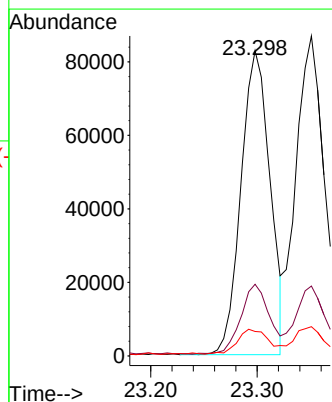
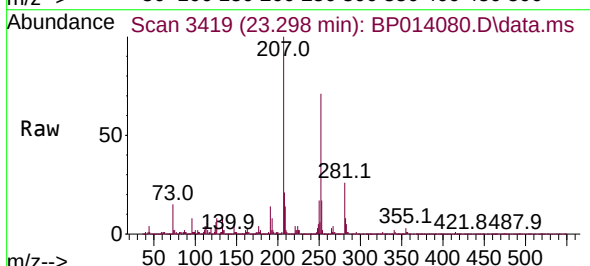
RT: 23.298 min Scan# 3419

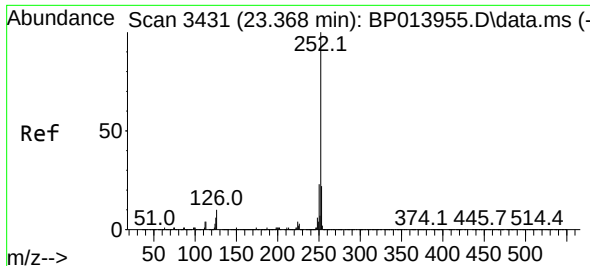
Delta R.T. 0.000 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

Tgt Ion:	252	Resp:	156443
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.5	26.3
125	8.0	5.6	8.4





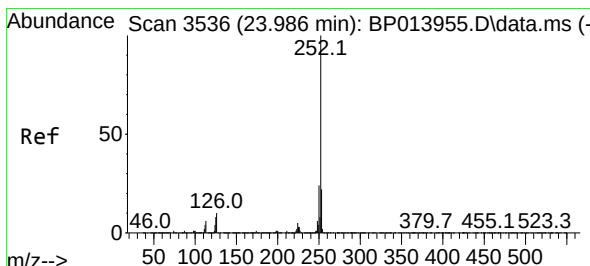
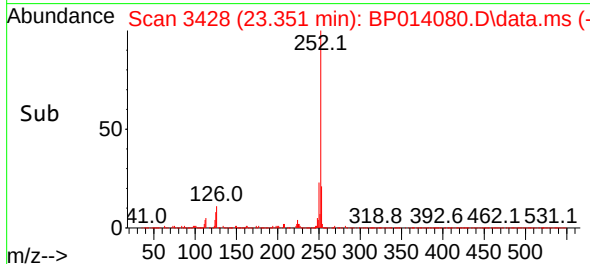
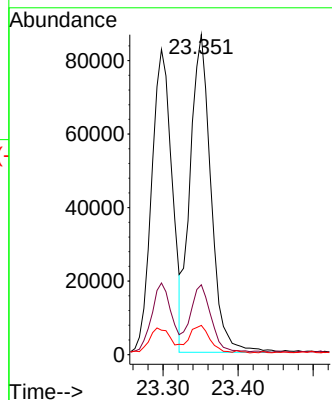
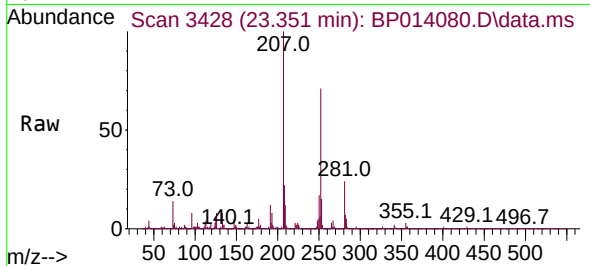
#89
Benzo(k)fluoranthene
Concen: 3.937 ng m
RT: 23.351 min Scan# 34
Delta R.T. 0.000 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion:252 Resp: 166662
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 9.1 5.4 8.0

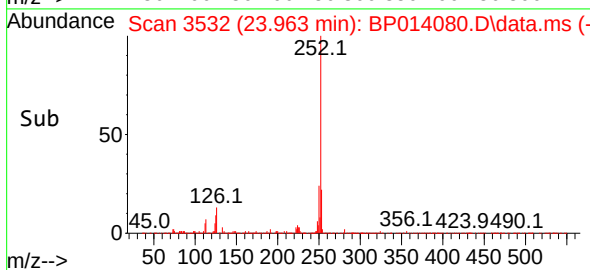
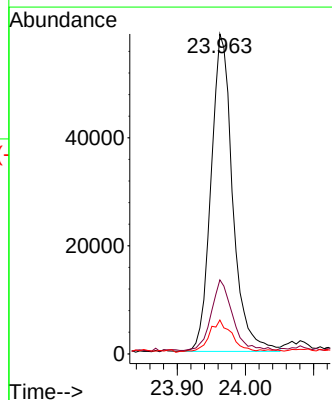
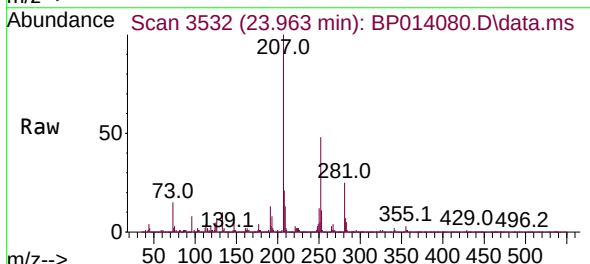
Manual Integrations
APPROVED

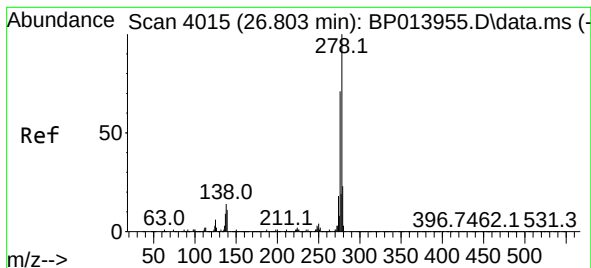
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#90
Benzo(a)pyrene
Concen: 3.173 ng
RT: 23.963 min Scan# 3532
Delta R.T. -0.006 min
Lab File: BP014080.D
Acq: 14 Mar 2023 12:49

Tgt Ion:252 Resp: 129246
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.2
125 10.6 6.2 9.4





#91

Dibenzo(a,h)anthracene

Concen: 3.033 ng

RT: 26.762 min Scan# 4015

Delta R.T. 0.000 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2023

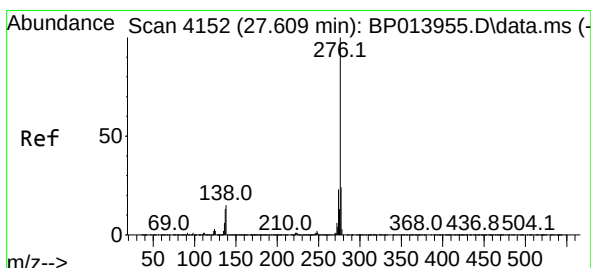
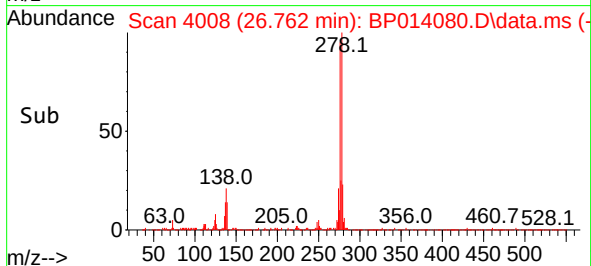
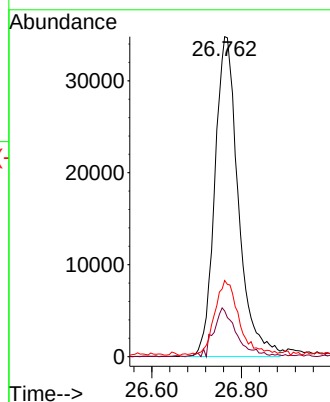
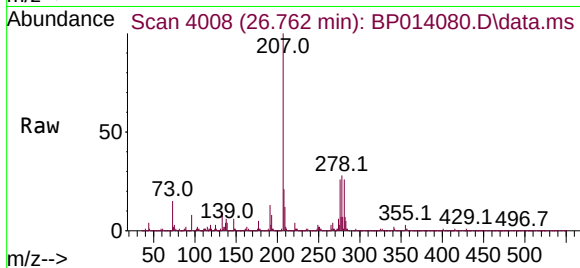
Tgt Ion:	278	Resp:	127048
Ion Ratio	Lower	Upper	
278	100		
139	14.3	8.7	13.1
279	23.8	18.8	28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/15/2023

Supervised By :Jagrut Upadhyay 03/15/2023



#92

Benzo(g,h,i)perylene

Concen: 3.089 ng

RT: 27.568 min Scan# 4145

Delta R.T. 0.000 min

Lab File: BP014080.D

Acq: 14 Mar 2023 12:49

Tgt Ion:	276	Resp:	128239
Ion Ratio	Lower	Upper	
276	100		
277	23.8	19.4	29.0
138	18.5	12.2	18.4

