

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102023\
 Data File : BP017741.D
 Acq On : 20 Oct 2023 13:48
 Operator : MA/JU
 Sample : 04696-01
 Misc : SFAM-MDL-WATER-01
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-QT4-2023-07

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/23/2023
 Supervised By :mohammad ahmed 10/23/2023

Quant Time: Oct 20 22:47:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 01:32:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	85085	20.000	ng/u1	0.01
20) Naphthalene-d8	10.728	136	330886	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.599	164	200913	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.387	188	414460	20.000	ng/u1	# 0.01
79) Chrysene-d12	21.533	240	355275	20.000	ng/u1	0.02
88) Perylene-d12	24.098	264	361767	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	14551	6.362	ng/uL	0.00
4) Pyridine-d5	3.693	84	160871	26.865	ng/u1	0.00
7) Phenol-d5	7.058	99	175102	24.731	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.240	67	117016	26.761	ng/u1	0.00
11) 2-Chlorophenol-d4	7.417	132	142468	24.670	ng/u1	0.00
15) 4-Methylphenol-d8	8.616	113	126147	22.688	ng/u1	0.00
21) Nitrobenzene-d5	9.105	128	62758	23.407	ng/u1	0.00
24) 2-Nitrophenol-d4	9.822	143	66469	22.437	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.352	165	124128	21.360	ng/u1	0.01
31) 4-Chloroaniline-d4	10.905	131	155479	20.444	ng/u1	0.01
46) Dimethylphthalate-d6	14.010	166	376462	22.321	ng/u1	0.00
49) Acenaphthylene-d8	14.293	160	428034	22.757	ng/u1	0.01
54) 4-Nitrophenol-d4	14.851	143	32369m	13.469	ng/u1	0.02
60) Fluorene-d10	15.598	176	334673	22.955	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.746	200	43551	15.953	ng/u1	0.01
73) Anthracene-d10	17.487	188	479221	22.626	ng/u1	0.01
81) Pyrene-d10	19.745	212	561140	25.193	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.922	264	503187	24.973	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	2878	1.186	ng/uL#	86
5) Pyridine	3.723	79	25972	4.233	ng/u1#	73
6) Benzaldehyde	7.064	77	19964	5.241	ng/u1	93
8) Phenol	7.087	94	33716	4.830	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.334	93	29649	5.091	ng/u1	97
12) 2-Chlorophenol	7.452	128	27678	4.772	ng/u1	99
13) 2-Methylphenol	8.352	108	21733	4.125	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.411	45	35706m	4.981	ng/u1	
16) Acetophenone	8.758	105	41389	4.735	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.716	70	20619	4.973	ng/u1#	96
18) 4-Methylphenol	8.687	108	25744	4.601	ng/u1	97
19) Hexachloroethane	8.958	117	12107	4.543	ng/u1#	79
22) Nitrobenzene	9.152	77	34029	5.097	ng/u1	94
23) Isophorone	9.658	82	54058	4.528	ng/u1	100
25) 2-Nitrophenol	9.858	139	13936	4.407	ng/u1	93
26) 2,4-Dimethylphenol	9.899	107	23767	3.829	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.152	93	36264	4.911	ng/u1	97
29) 2,4-Dichlorophenol	10.381	162	24782	4.460	ng/u1	92
30) Naphthalene	10.781	128	90509	4.753	ng/u1	97
32) 4-Chloroaniline	10.928	127	29954	4.113	ng/u1	100
33) Hexachlorobutadiene	11.005	225	17896	3.966	ng/u1	97
34) Caprolactam	11.775	113	8644m	6.041	ng/u1	
35) 4-Chloro-3-methylphenol	12.052	107	20476	3.914	ng/u1	99
36) 2-Methylnaphthalene	12.405	142	57012	4.432	ng/u1	100

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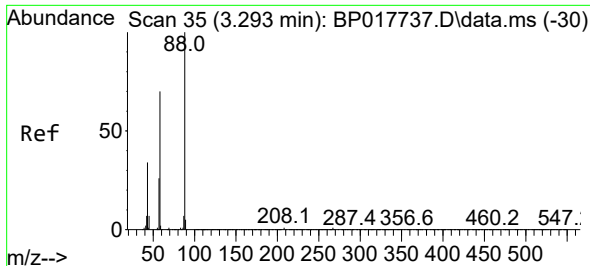
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
 Quant Title : SVOA CALIBRATION
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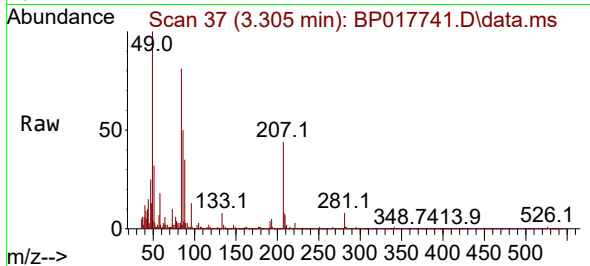
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.622	142	49088	3.732	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.757	216	30440	4.094	ng/ul#	93
40) Hexachlorocyclopentadiene	12.693	237	10807	2.530	ng/ul#	89
41) 2,4,6-Trichlorophenol	13.022	196	17060	3.824	ng/ul	93
42) 2,4,5-Trichlorophenol	13.099	196	16658	3.611	ng/ul	95
43) 1,1'-Biphenyl	13.422	154	75938	4.588	ng/ul	98
44) 2-Chloronaphthalene	13.469	162	59714	4.463	ng/ul	97
45) 2-Nitroaniline	13.728	65	11633	3.826	ng/ul	88
47) Dimethylphthalate	14.057	163	76496	4.602	ng/ul	98
48) 2,6-Dinitrotoluene	14.216	165	10723	3.505	ng/ul#	72
50) Acenaphthylene	14.322	152	100257	4.758	ng/ul	99
51) 3-Nitroaniline	14.569	138	8822m	3.032	ng/ul	
52) Acenaphthene	14.663	153	67665	4.751	ng/ul	94
53) 2,4-Dinitrophenol	14.775	184	7998	4.657	ng/ul#	71
55) 4-Nitrophenol	14.869	109	9377	3.686	ng/ul	88
56) Dibenzofuran	15.004	168	93913	4.696	ng/ul	97
57) 2,4-Dinitrotoluene	15.010	165	17094	3.786	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.228	232	15447	3.774	ng/ul#	82
59) Diethylphthalate	15.422	149	70771	4.410	ng/ul	98
61) Fluorene	15.657	166	76361	4.649	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.651	204	38174	4.372	ng/ul	94
63) 4-Nitroaniline	15.751	138	9790m	3.730	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.763	198	10382	3.551	ng/ul#	66
67) N-Nitrosodiphenylamine	15.881	169	58647	4.671	ng/ul	98
68) 4-Bromophenyl-phenylether	16.563	248	19638	4.050	ng/ul#	83
69) Hexachlorobenzene	16.640	284	21330	3.831	ng/ul#	88
70) Atrazine	16.845	200	13832	2.997	ng/ul	97
71) Pentachlorophenol	17.016	266	11913	3.559	ng/ul	94
72) Phenanthrene	17.434	178	117433	4.837	ng/ul	99
74) Anthracene	17.528	178	115028	4.678	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.375	216	24519	3.526	ng/uL	98
76) Pentachlorobenzene	14.893	250	24191	3.589	ng/uL	98
77) Carbazole	17.828	167	84918	4.086	ng/ul	99
78) Di-n-butylphthalate	18.334	149	99040	4.105	ng/ul#	96
80) Fluoranthene	19.416	202	125052	4.886	ng/ul#	95
82) Pyrene	19.775	202	140424	5.179	ng/ul#	94
83) Butylbenzylphthalate	20.651	149	38395	4.117	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.463	252	29420	3.665	ng/ul#	96
85) Benzo(a)anthracene	21.516	228	121853	4.512	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	50400	3.872	ng/ul#	98
87) Chrysene	21.569	228	125280	4.905	ng/ul	98
89) Di-n-octyl phthalate	22.375	149	86061	3.756	ng/ul	100
90) Benzo(b)fluoranthene	23.298	252	114142	4.636	ng/ul	98
91) Benzo(k)fluoranthene	23.351	252	124076m	4.972	ng/ul	
93) Benzo(a)pyrene	23.980	252	105666	4.572	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.821	276	127601	4.632	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.845	278	104835	4.561	ng/ul	97
96) Benzo(g,h,i)perylene	27.674	276	104379	4.703	ng/ul#	91

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



#2
1,4-Dioxane
Concen: 1.186 ng/uL
RT: 3.305 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP017741.D
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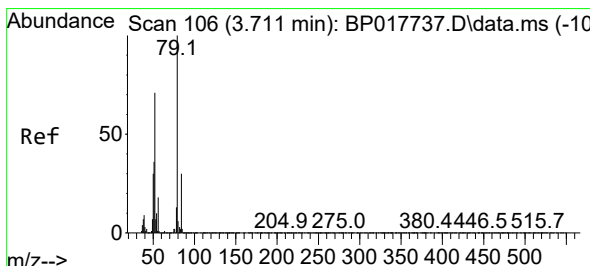
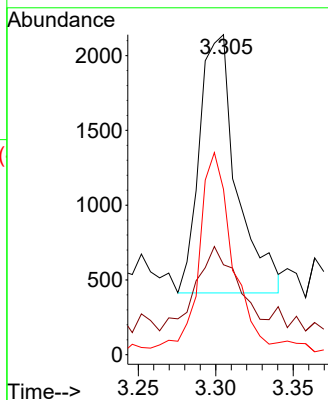
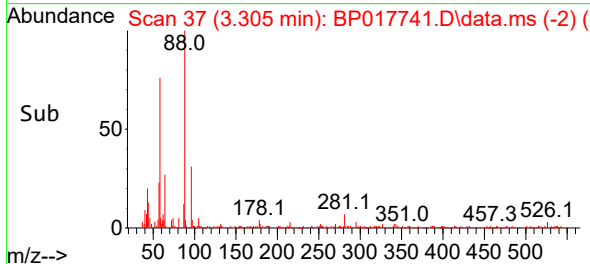
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT4-2023-07



Tgt Ion: 88 Resp: 2878
Ion Ratio Lower Upper
88 100
43 28.1 24.4 36.6
58 51.7 53.0 79.6

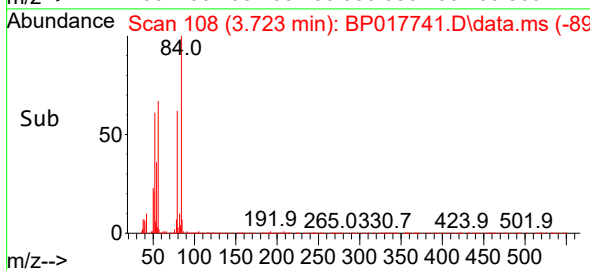
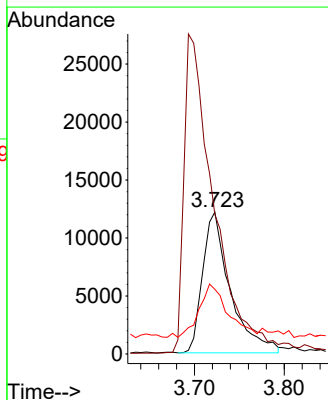
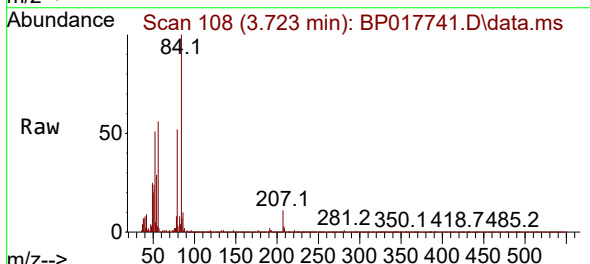
Manual Integrations
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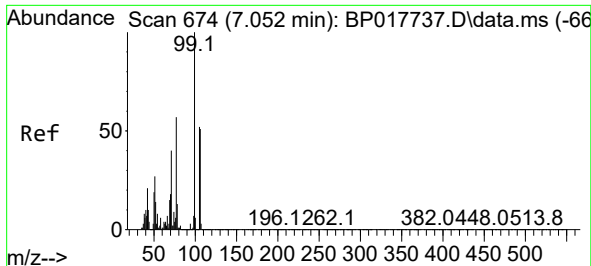
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023



#5
Pyridine
Concen: 4.233 ng/uL
RT: 3.723 min Scan# 108
Delta R.T. 0.012 min
Lab File: BP017741.D
Acq: 20 Oct 2023 13:48

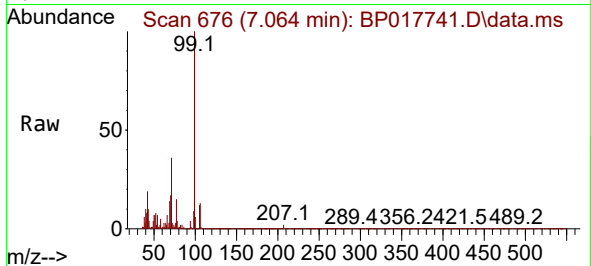
Tgt Ion: 79 Resp: 25972
Ion Ratio Lower Upper
79 100
52 98.3 57.2 85.8#
51 45.6 28.6 42.8#





#6
Benzaldehyde
Concen: 5.241 ng/ul
RT: 7.064 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP017741.D
Acq: 20 Oct 2023 13:48

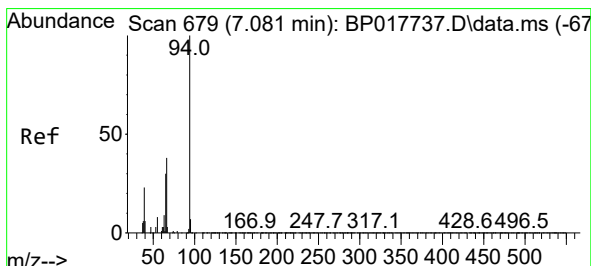
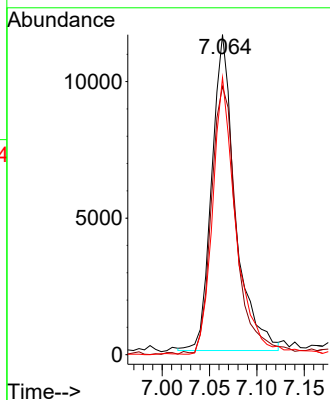
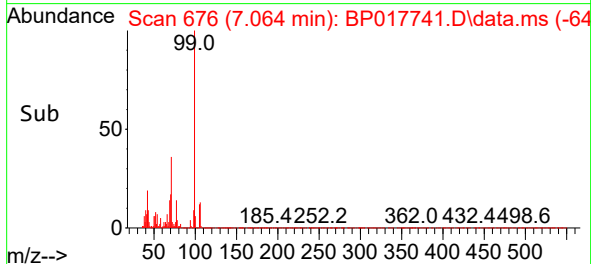
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT4-2023-07



Tgt Ion: 77 Resp: 19964
Ion Ratio Lower Upper
77 100
105 83.9 75.4 113.2
106 86.6 72.3 108.5

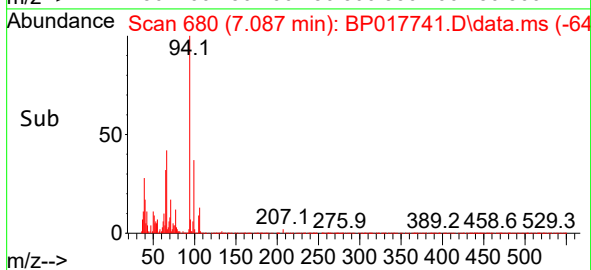
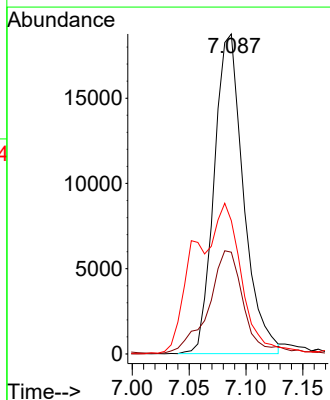
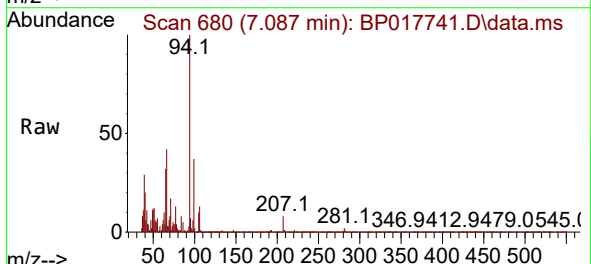
Manual Integrations
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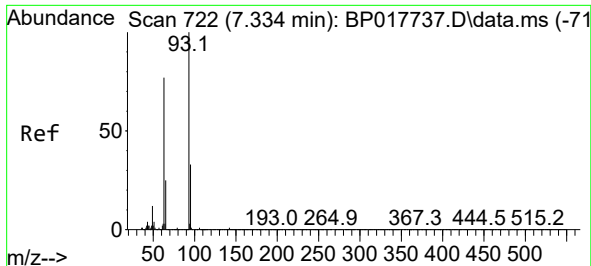
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023



#8
Phenol
Concen: 4.830 ng/ul
RT: 7.087 min Scan# 680
Delta R.T. 0.012 min
Lab File: BP017741.D
Acq: 20 Oct 2023 13:48

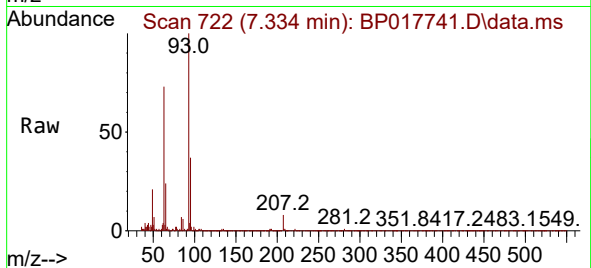
Tgt Ion: 94 Resp: 33716
Ion Ratio Lower Upper
94 100
65 31.8 25.0 37.4
66 41.7 33.0 49.6





#10
Bis(2-Chloroethyl)ether
Concen: 5.091 ng/ul
RT: 7.334 min Scan# 701
Delta R.T. 0.006 min
Lab File: BP017741.D
Acq: 20 Oct 2023 13:48

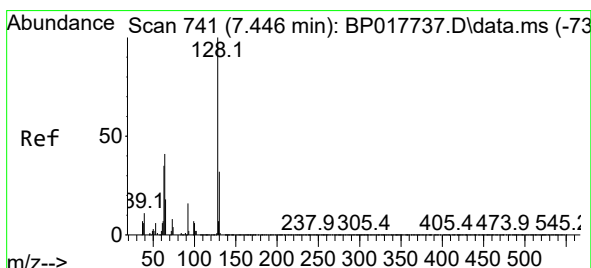
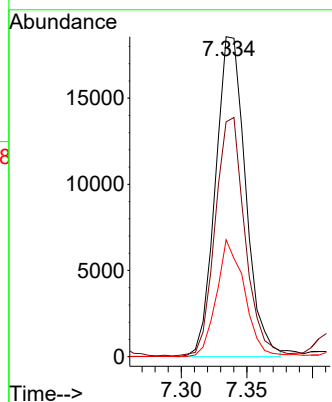
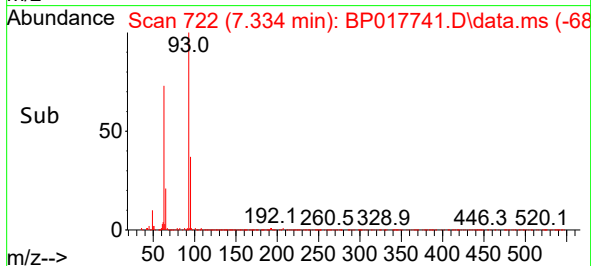
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT4-2023-07



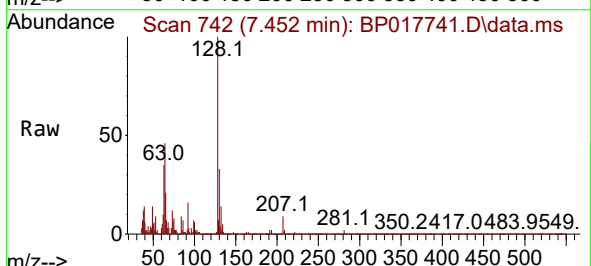
Tgt Ion: 93 Resp: 29649
Ion Ratio Lower Upper
93 100
63 73.4 60.7 91.1
95 36.5 27.8 41.6

Manual Integrations
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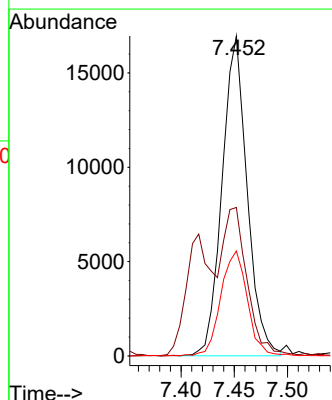
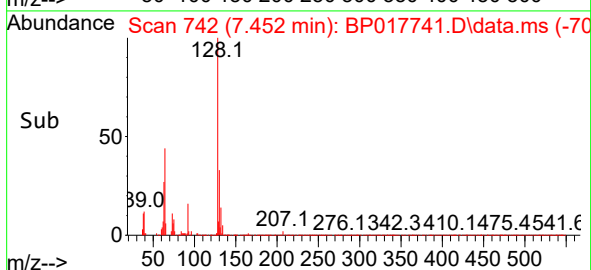
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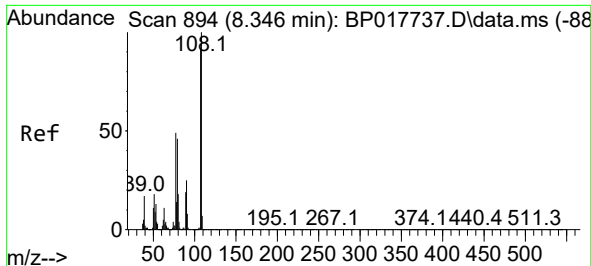


#12
2-Chlorophenol
Concen: 4.772 ng/ul
RT: 7.452 min Scan# 742
Delta R.T. 0.012 min
Lab File: BP017741.D
Acq: 20 Oct 2023 13:48



Tgt Ion:128 Resp: 27678
Ion Ratio Lower Upper
128 100
64 46.4 36.7 55.1
130 32.8 26.2 39.2





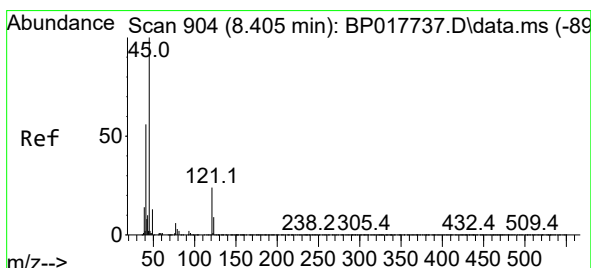
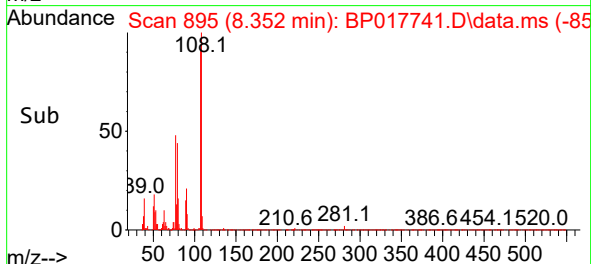
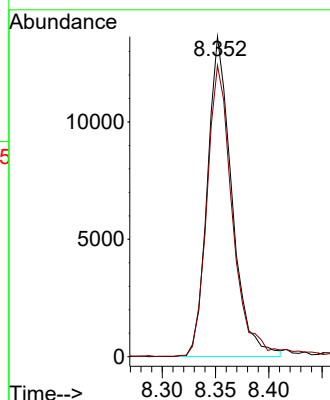
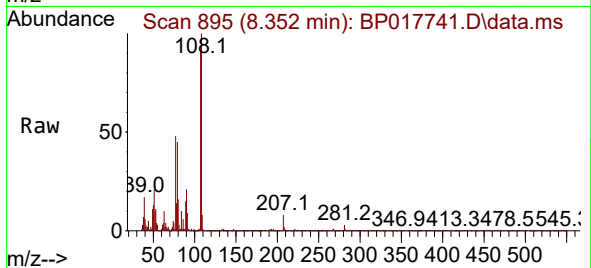
#13
2-Methylphenol
Concen: 4.125 ng/ul
RT: 8.352 min Scan# 894
Delta R.T. 0.012 min
Lab File: BP017741.D
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Tgt Ion:108 Resp: 2173
Ion Ratio Lower Upper
108 100
107 91.0 73.4 110.2

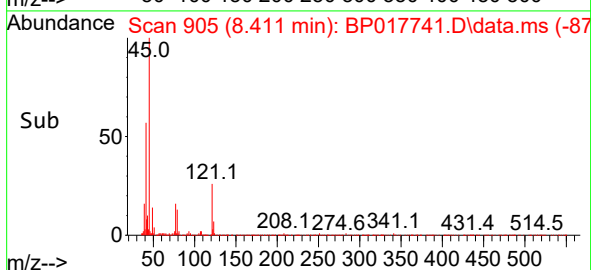
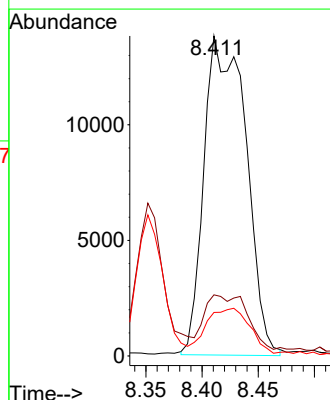
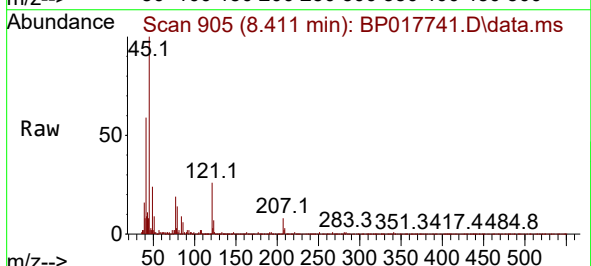
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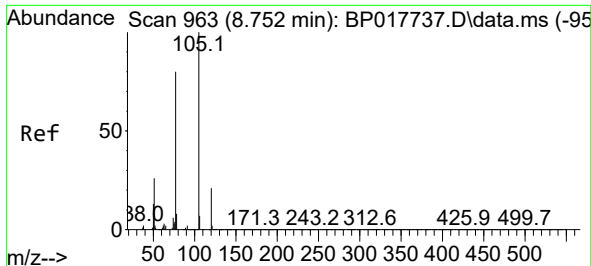
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.981 ng/ul m
RT: 8.411 min Scan# 905
Delta R.T. 0.006 min
Lab File: BP017741.D
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Tgt Ion: 45 Resp: 35706
Ion Ratio Lower Upper
45 100
77 19.1 14.2 21.4
79 13.6 10.3 15.5





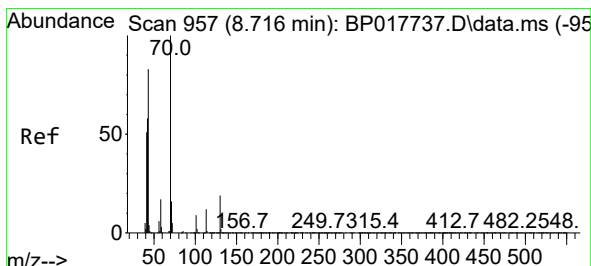
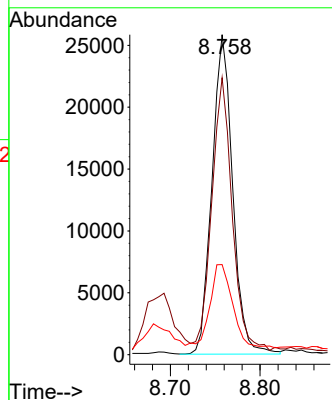
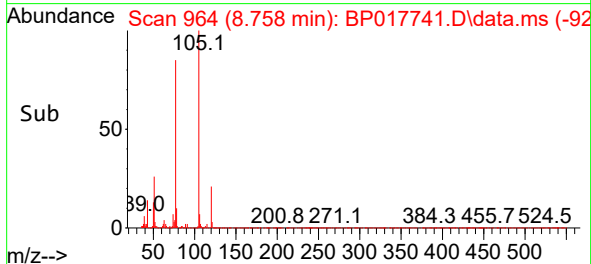
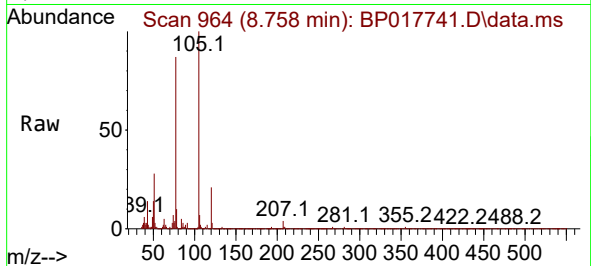
#16
Acetophenone
Concen: 4.735 ng/ul
RT: 8.758 min Scan# 964
Delta R.T. 0.012 min
Lab File: BP017741.D
Acq: 20 Oct 2023 13:48

Instrument :
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MDL-WATER-QT4-2023-07

Tgt Ion:105 Resp: 41389
Ion Ratio Lower Upper
105 100
77 86.5 64.4 96.6
51 28.2 21.2 31.8

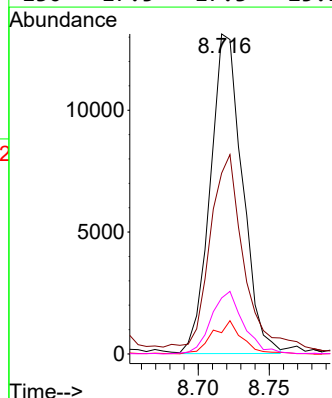
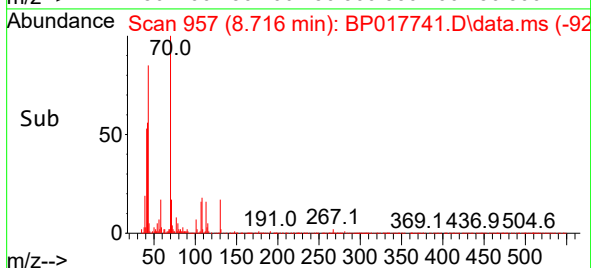
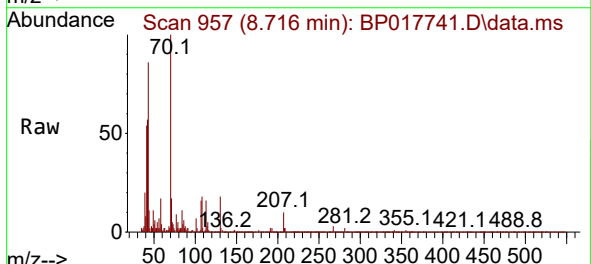
Manual Integrations
APPROVED

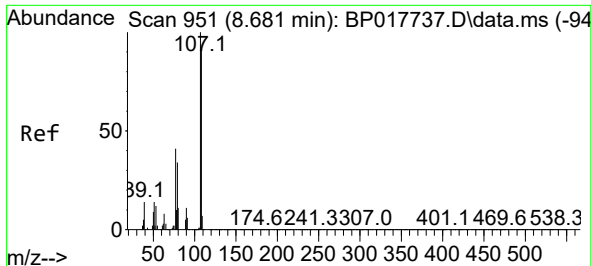
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023



#17
N-Nitroso-di-n-propylamine
Concen: 4.973 ng/ul
RT: 8.716 min Scan# 957
Delta R.T. 0.000 min
Lab File: BP017741.D
Acq: 20 Oct 2023 13:48

Tgt Ion: 70 Resp: 20619
Ion Ratio Lower Upper
70 100
42 56.5 44.6 66.8
101 6.6 7.5 11.3#
130 17.5 17.3 25.9





#18

4-Methylphenol

Concen: 4.601 ng/ul

RT: 8.687 min Scan# 91

Delta R.T. 0.012 min

Lab File: BP017741.D

Acq: 20 Oct 2023 13:48

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-QT4-2023-07

Tgt Ion:108 Resp: 2574

Ion Ratio Lower Upper

108 100

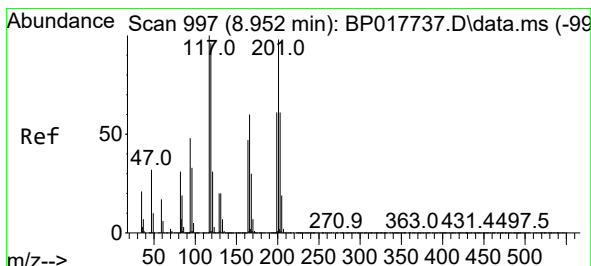
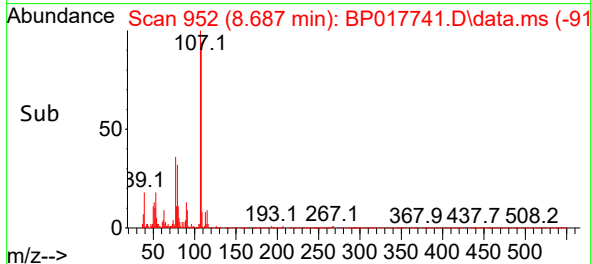
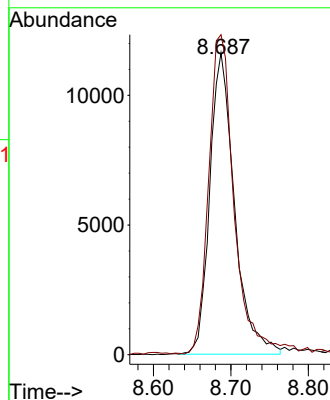
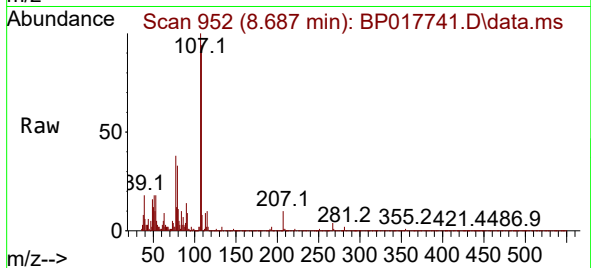
107 106.0 87.5 131.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/23/2023

Supervised By :mohammad ahmed 10/23/2023



#19

Hexachloroethane

Concen: 4.543 ng/ul

RT: 8.958 min Scan# 998

Delta R.T. 0.006 min

Lab File: BP017741.D

Acq: 20 Oct 2023 13:48

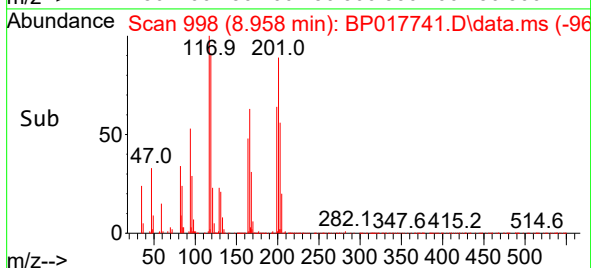
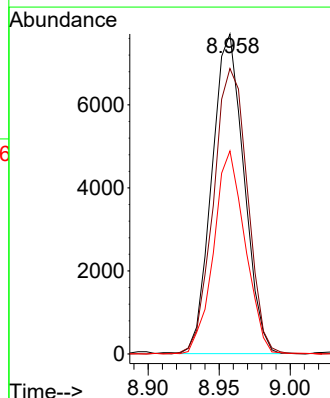
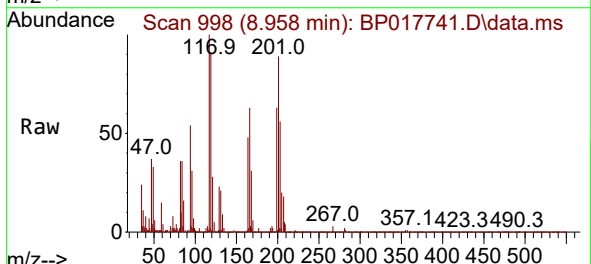
Tgt Ion:117 Resp: 12107

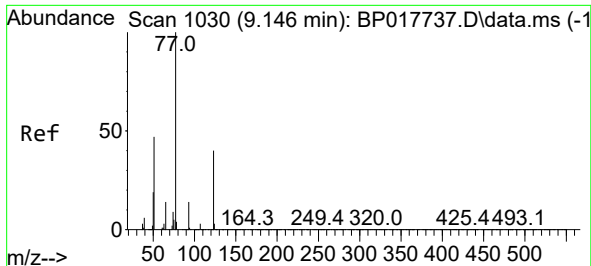
Ion Ratio Lower Upper

117 100

201 89.2 96.3 144.5#

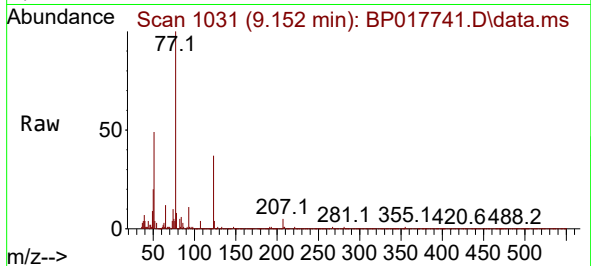
199 63.4 57.7 86.5





#22
Nitrobenzene
Concen: 5.097 ng/ul
RT: 9.152 min Scan# 1031
Delta R.T. 0.012 min
Lab File: BP017741.D
Acq: 20 Oct 2023 13:48

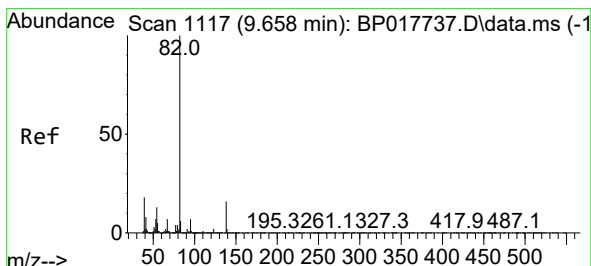
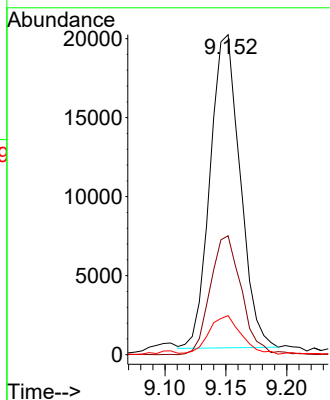
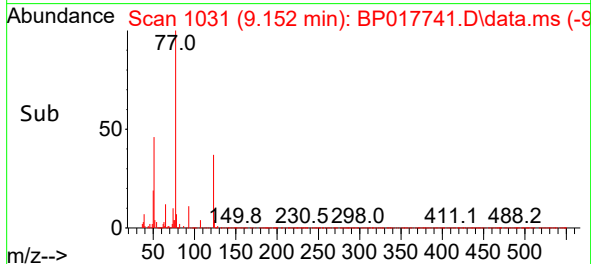
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT4-2023-07



Tgt Ion: 77 Resp: 34029
Ion Ratio Lower Upper
77 100
123 37.1 33.5 50.3
65 12.2 10.8 16.2

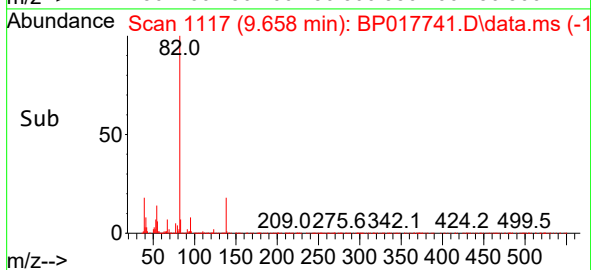
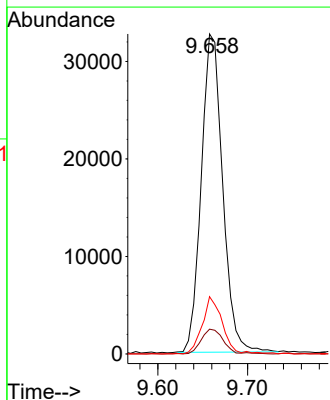
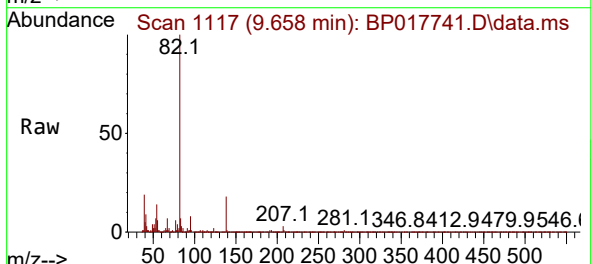
Manual Integrations
APPROVED

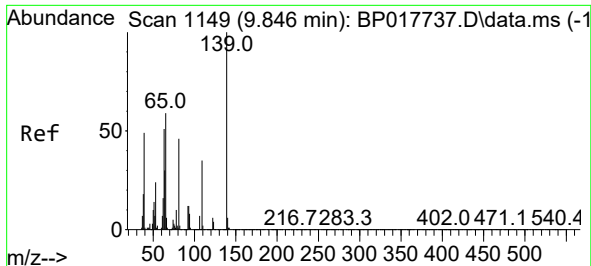
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023



#23
Isophorone
Concen: 4.528 ng/ul
RT: 9.658 min Scan# 1117
Delta R.T. 0.006 min
Lab File: BP017741.D
Acq: 20 Oct 2023 13:48

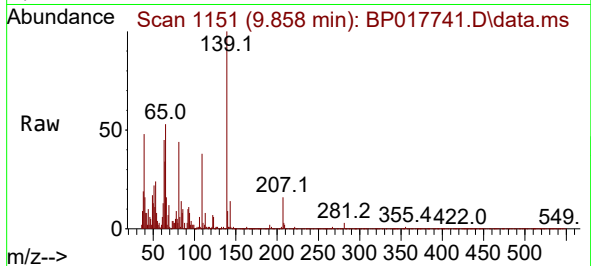
Tgt Ion: 82 Resp: 54058
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.2
138 17.9 14.4 21.6





#25
2-Nitrophenol
Concen: 4.407 ng/ul
RT: 9.858 min Scan# 1151
Delta R.T. 0.012 min
Lab File: BP017741.D
Acq: 20 Oct 2023 13:48

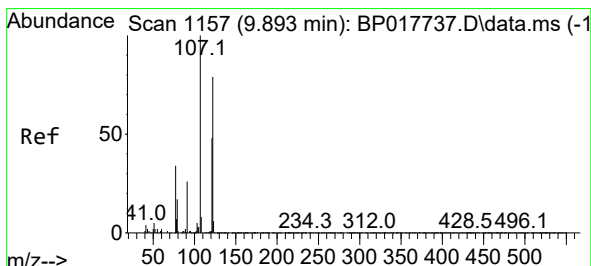
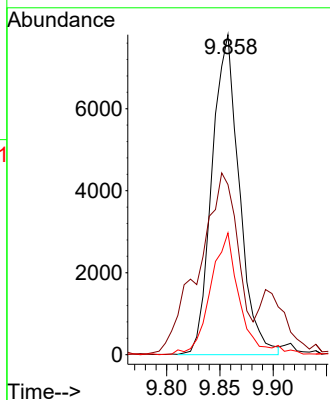
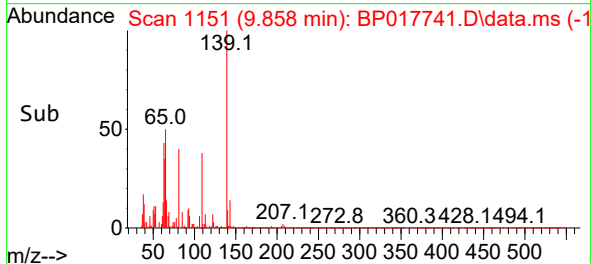
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT4-2023-07



Tgt Ion:139 Resp: 13930
Ion Ratio Lower Upper
139 100
65 53.2 40.4 60.6
109 38.1 25.4 38.2

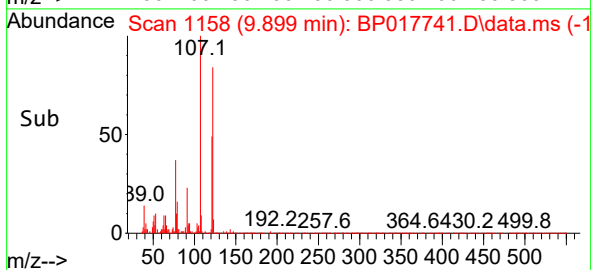
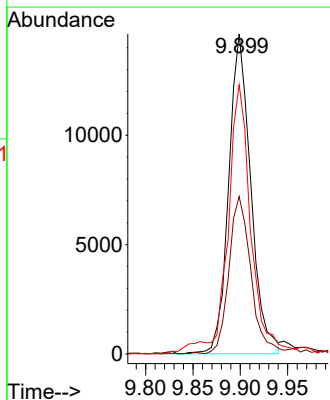
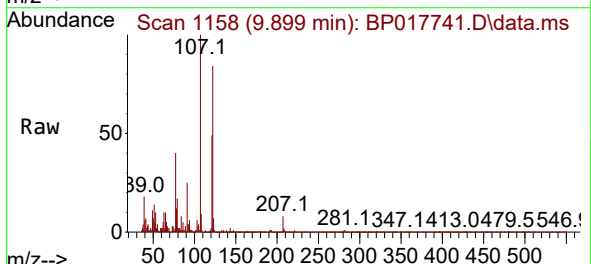
Manual Integrations
APPROVED

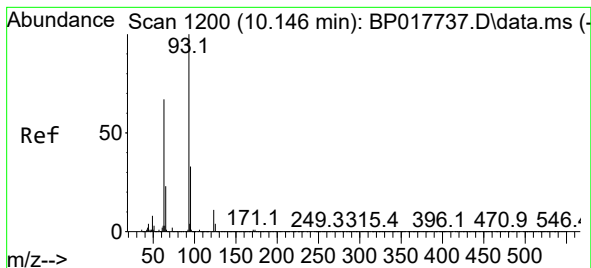
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023



#26
2,4-Dimethylphenol
Concen: 3.829 ng/ul
RT: 9.899 min Scan# 1158
Delta R.T. 0.012 min
Lab File: BP017741.D
Acq: 20 Oct 2023 13:48

Tgt Ion:107 Resp: 23767
Ion Ratio Lower Upper
107 100
121 49.2 40.6 61.0
122 84.1 66.9 100.3





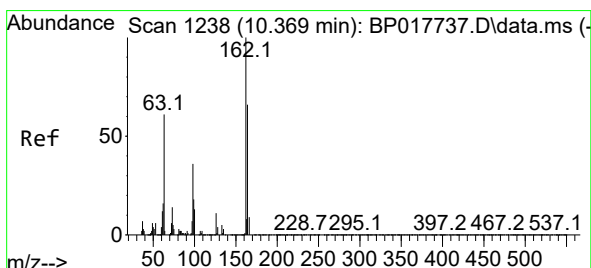
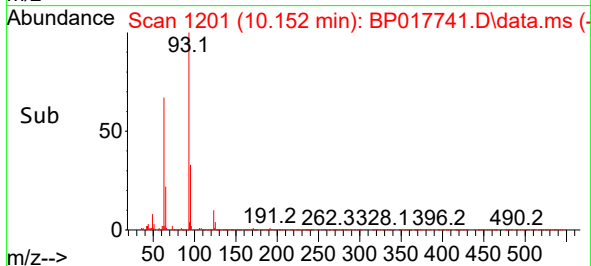
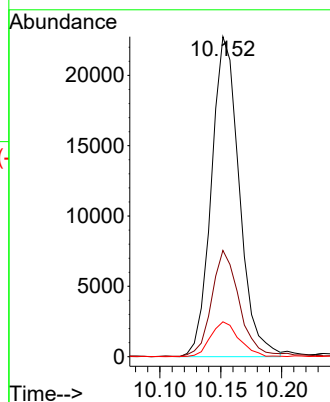
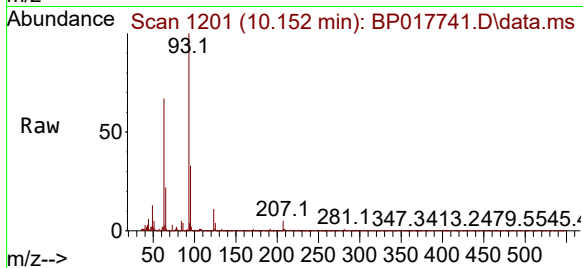
#27
Bis(2-Chloroethoxy)methane
Concen: 4.911 ng/ul
RT: 10.152 min Scan# 1201
Delta R.T. 0.006 min
Lab File: BP017741.D
Acq: 20 Oct 2023 13:48

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion: 93 Resp: 36264
Ion Ratio Lower Upper
93 100
95 33.2 24.7 37.1
123 10.9 8.9 13.3

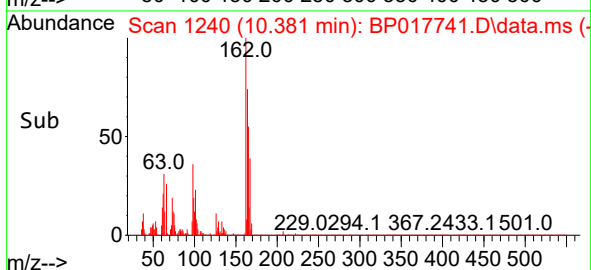
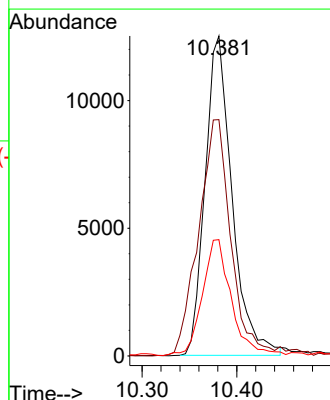
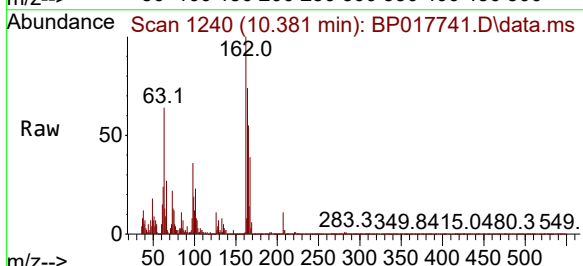
Manual Integrations
APPROVED

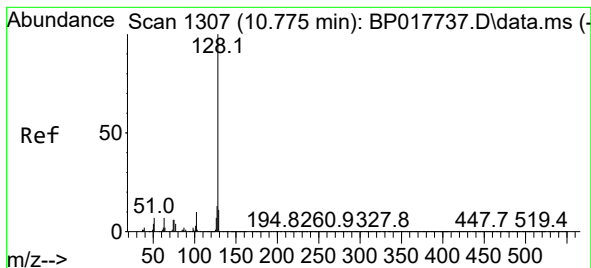
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023



#29
2,4-Dichlorophenol
Concen: 4.460 ng/ul
RT: 10.381 min Scan# 1240
Delta R.T. 0.012 min
Lab File: BP017741.D
Acq: 20 Oct 2023 13:48

Tgt Ion:162 Resp: 24782
Ion Ratio Lower Upper
162 100
164 73.9 53.8 80.8
98 36.4 25.5 38.3





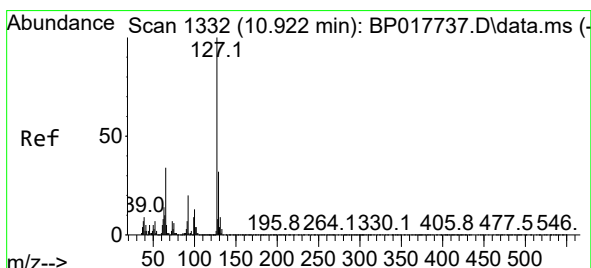
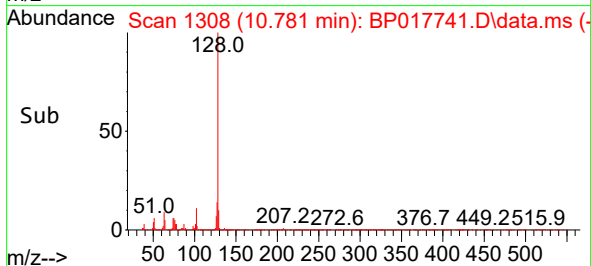
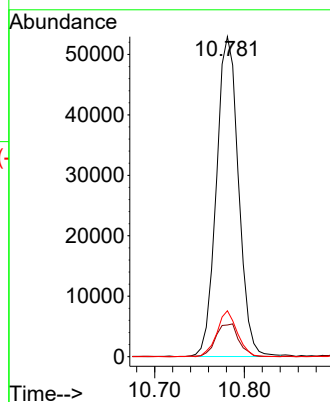
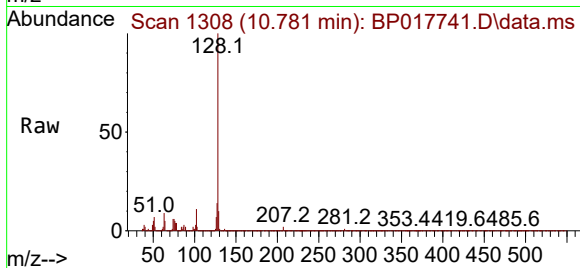
#30
Naphthalene
Concen: 4.753 ng/ul
RT: 10.781 min Scan# 1308
Delta R.T. 0.006 min
Lab File: BP017741.D
Acq: 20 Oct 2023 13:48

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion:128 Resp: 90509
Ion Ratio Lower Upper
128 100
129 9.9 8.7 13.1
127 14.4 10.5 15.7

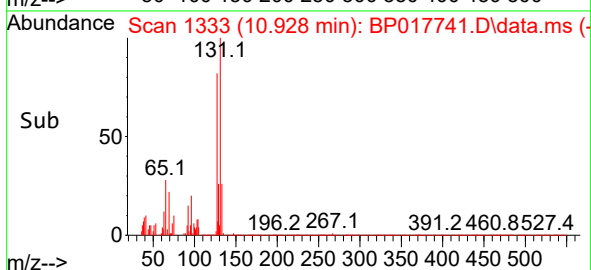
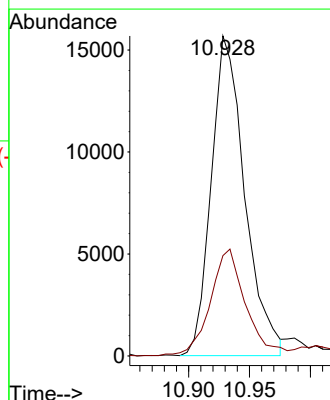
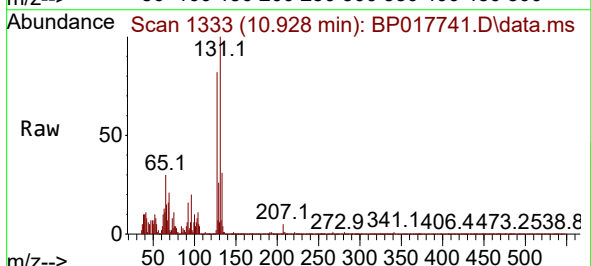
Manual Integrations
APPROVED

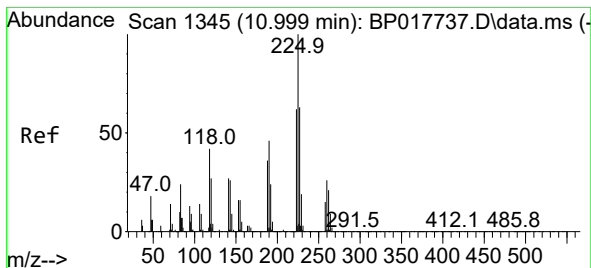
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023



#32
4-Chloroaniline
Concen: 4.113 ng/ul
RT: 10.928 min Scan# 1333
Delta R.T. 0.012 min
Lab File: BP017741.D
Acq: 20 Oct 2023 13:48

Tgt Ion:127 Resp: 29954
Ion Ratio Lower Upper
127 100
129 31.4 25.1 37.7





#33

Hexachlorobutadiene

Concen: 3.966 ng/ul

RT: 11.005 min Scan# 11

Delta R.T. 0.012 min

Lab File: BP017741.D

Acq: 20 Oct 2023 13:48

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-QT4-2023-07

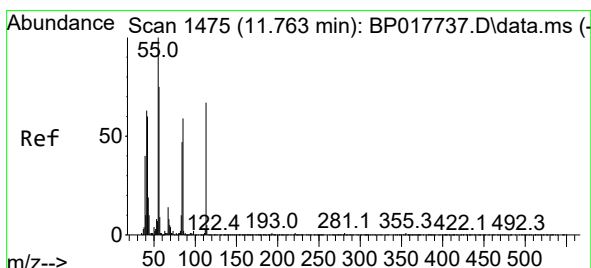
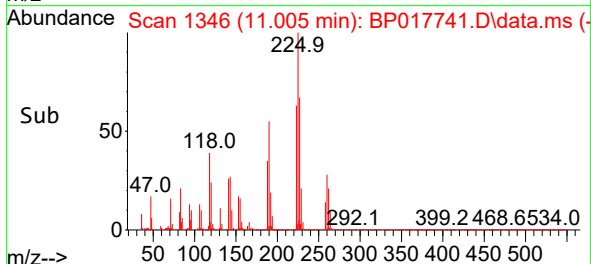
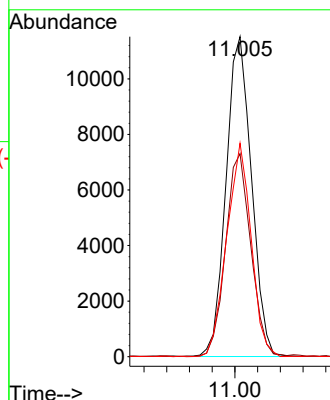
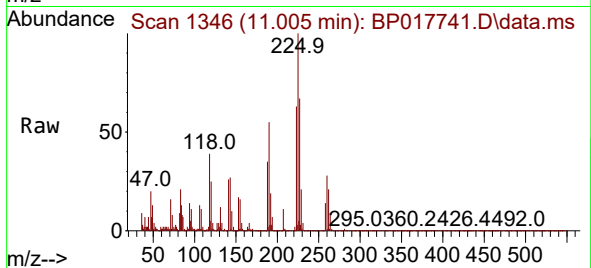
Tgt Ion:	225	Resp:	17890
Ion Ratio	Lower	Upper	
225	100		
223	63.4	50.6	75.8
227	66.7	50.1	75.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/23/2023

Supervised By :mohammad ahmed 10/23/2023



#34

Caprolactam

Concen: 6.041 ng/ul m

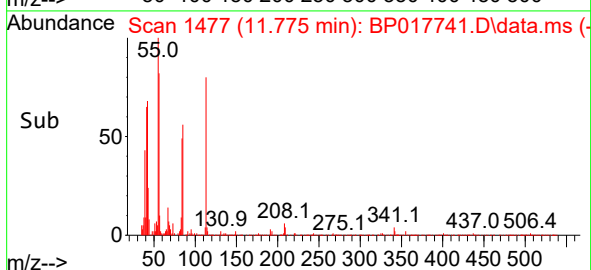
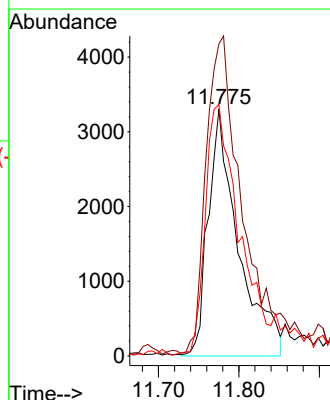
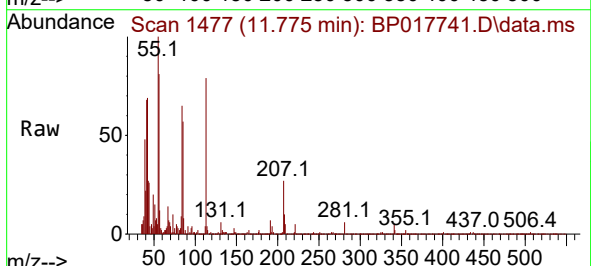
RT: 11.775 min Scan# 1477

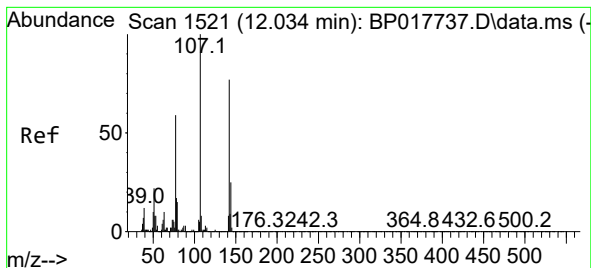
Delta R.T. 0.006 min

Lab File: BP017741.D

Acq: 20 Oct 2023 13:48

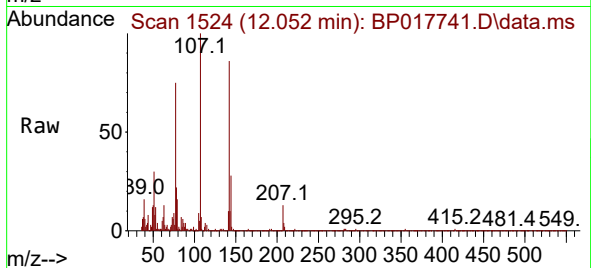
Tgt Ion:	113	Resp:	8644
Ion Ratio	Lower	Upper	
113	100		
55	126.4	112.1	168.1
56	101.8	87.0	130.6





#35
4-Chloro-3-methylphenol
Concen: 3.914 ng/ul
RT: 12.052 min Scan# 1524
Delta R.T. 0.018 min
Lab File: BP017741.D
Acq: 20 Oct 2023 13:48

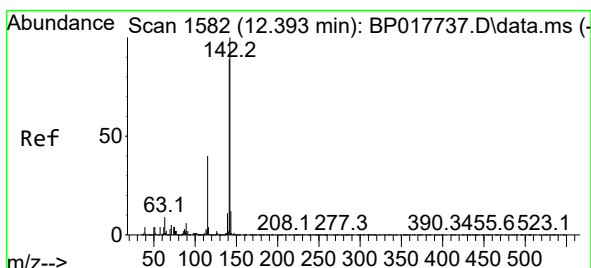
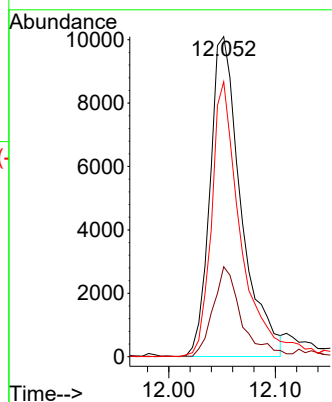
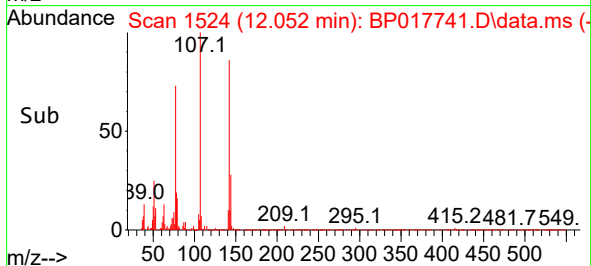
Instrument : BNA_P
ClientSampleId : MDL-WATER-QT4-2023-07



Tgt Ion:107 Resp: 20470
Ion Ratio Lower Upper
107 100
144 28.1 22.9 34.3
142 85.9 68.1 102.1

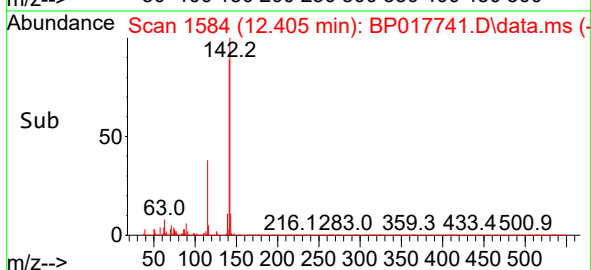
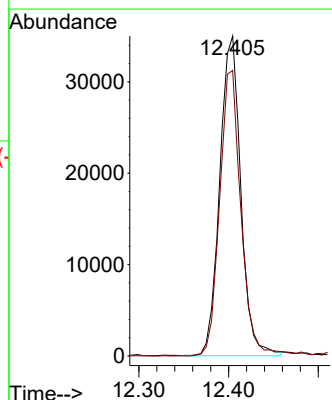
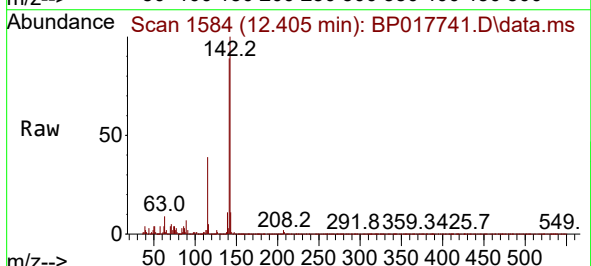
Manual Integrations
APPROVED

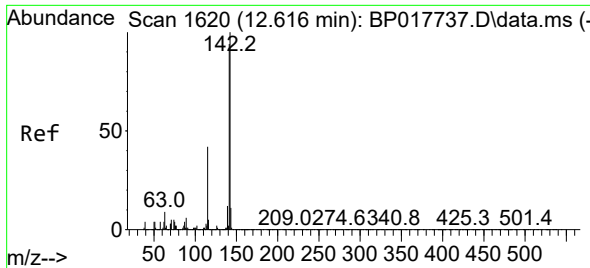
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023



#36
2-Methylnaphthalene
Concen: 4.432 ng/ul
RT: 12.405 min Scan# 1584
Delta R.T. 0.012 min
Lab File: BP017741.D
Acq: 20 Oct 2023 13:48

Tgt Ion:142 Resp: 57012
Ion Ratio Lower Upper
142 100
141 89.3 71.5 107.3





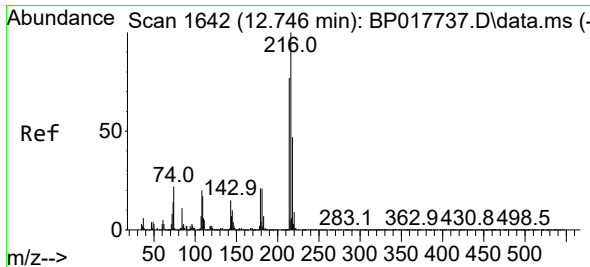
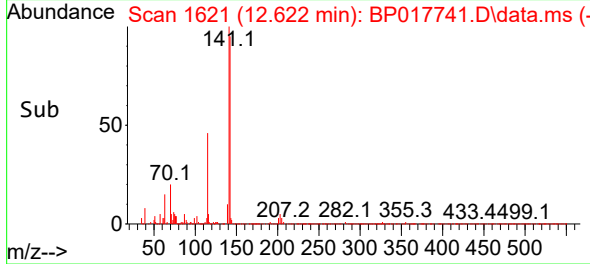
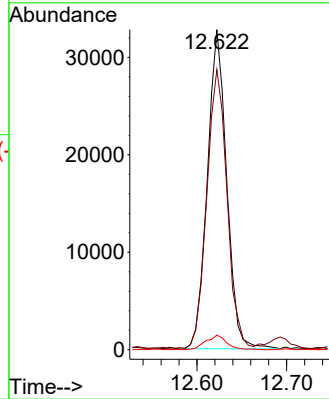
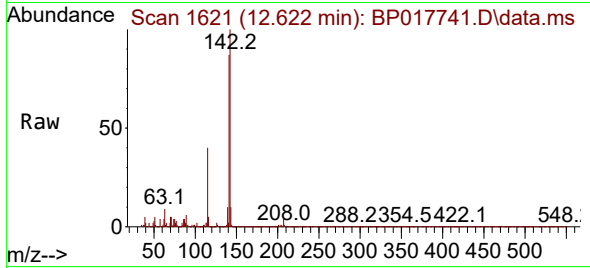
#37
1-Methylnaphthalene
Concen: 3.732 ng/ul
RT: 12.622 min Scan# 1621
Delta R.T. 0.012 min
Lab File: BP017741.D
Acq: 20 Oct 2023 13:48

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion:142 Resp: 4908
Ion Ratio Lower Upper
142 100
141 87.5 72.5 108.7
116 4.5 3.4 5.2

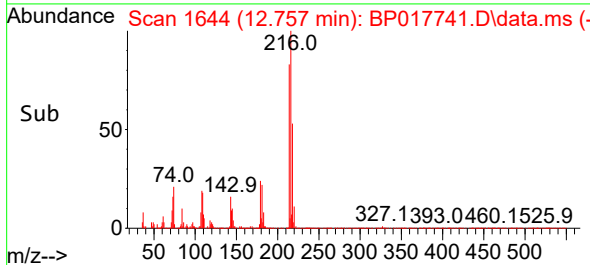
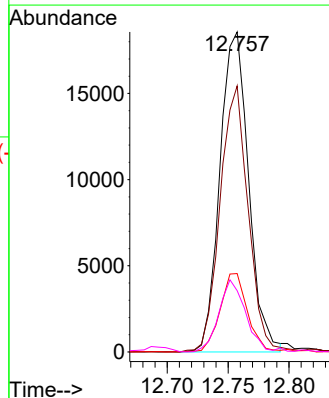
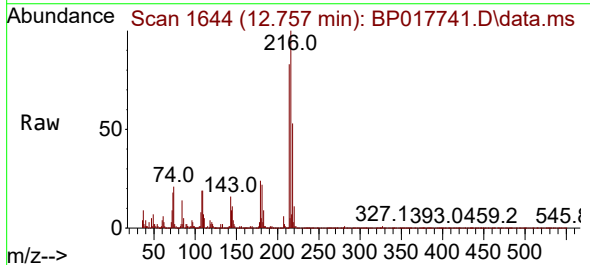
Manual Integrations
APPROVED

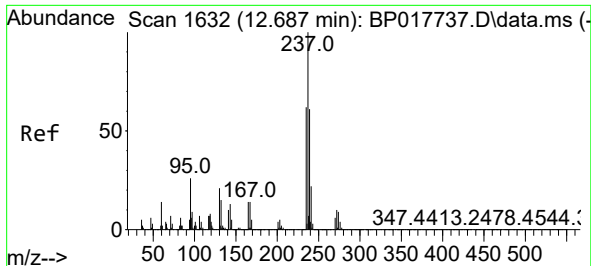
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.094 ng/ul
RT: 12.757 min Scan# 1644
Delta R.T. 0.012 min
Lab File: BP017741.D
Acq: 20 Oct 2023 13:48

Tgt Ion:216 Resp: 30440
Ion Ratio Lower Upper
216 100
214 83.2 62.2 93.2
179 24.5 15.8 23.8#
108 19.1 12.6 18.8#





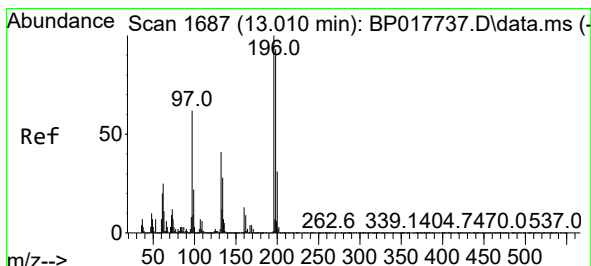
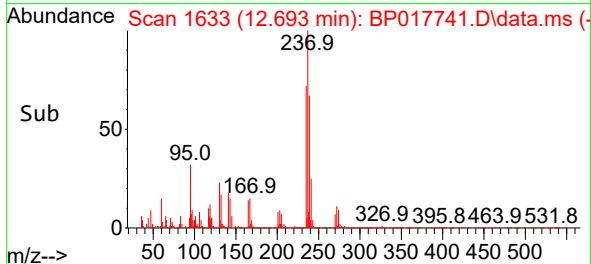
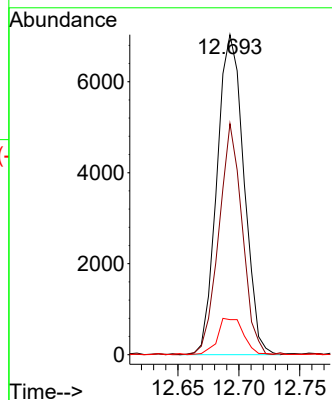
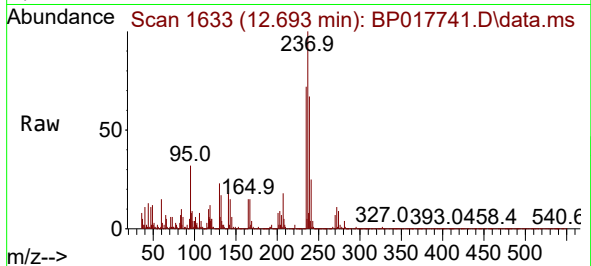
#40
Hexachlorocyclopentadiene
Concen: 2.530 ng/ul
RT: 12.693 min Scan# 1633
Delta R.T. 0.006 min
Lab File: BP017741.D
Acq: 20 Oct 2023 13:48

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion:237 Resp: 1080
Ion Ratio Lower Upper
237 100
235 72.2 50.3 75.5
272 11.0 11.1 16.7

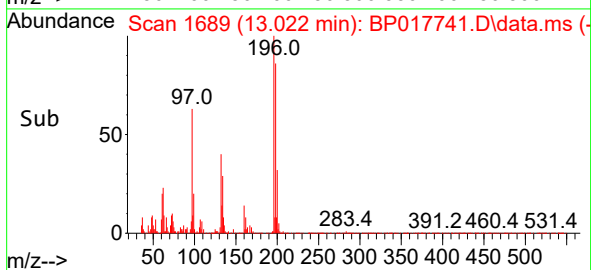
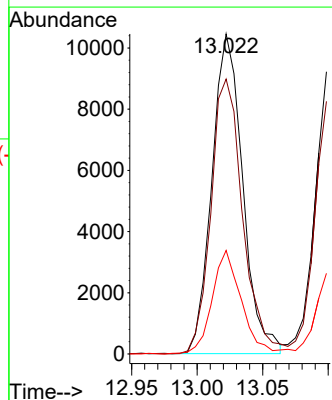
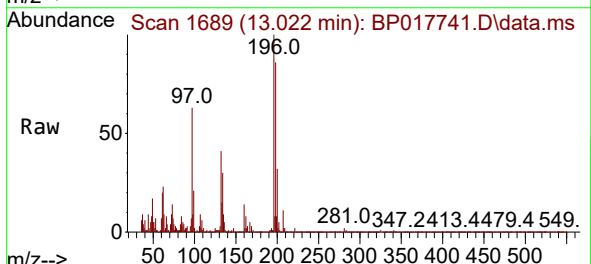
Manual Integrations
APPROVED

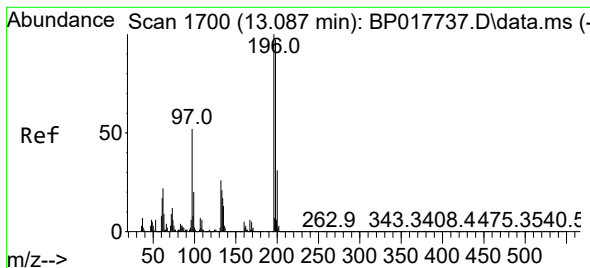
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023



#41
2,4,6-Trichlorophenol
Concen: 3.824 ng/ul
RT: 13.022 min Scan# 1689
Delta R.T. 0.018 min
Lab File: BP017741.D
Acq: 20 Oct 2023 13:48

Tgt Ion:196 Resp: 17060
Ion Ratio Lower Upper
196 100
198 85.9 74.7 112.1
200 32.3 23.7 35.5





#42

2,4,5-Trichlorophenol

Concen: 3.611 ng/ul

RT: 13.099 min Scan# 1700

Delta R.T. 0.018 min

Lab File: BP017741.D

Acq: 20 Oct 2023 13:48

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-QT4-2023-07

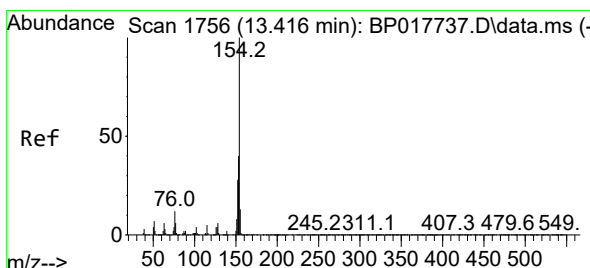
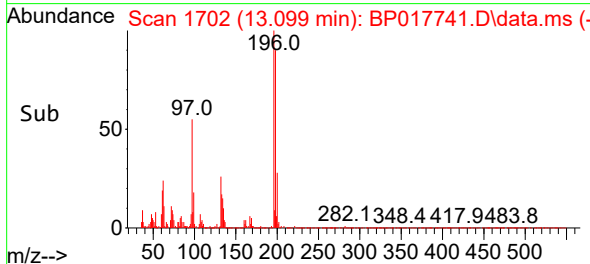
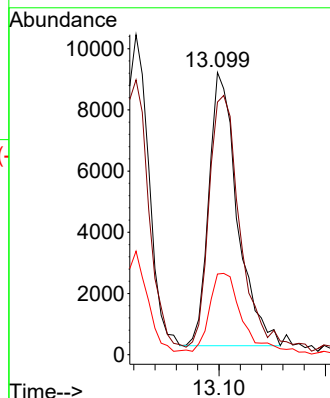
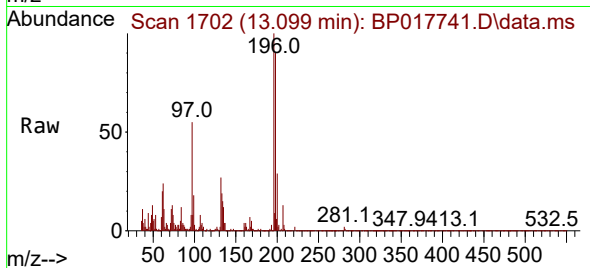
Tgt Ion:	196	Resp:	1665
Ion Ratio	Lower	Upper	
196	100		
198	89.5	76.0	114.0
200	28.6	24.3	36.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/23/2023

Supervised By :mohammad ahmed 10/23/2023



#43

1,1'-Biphenyl

Concen: 4.588 ng/ul

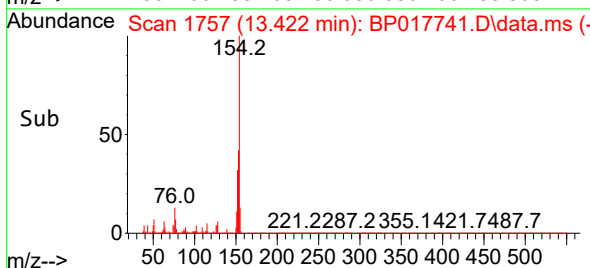
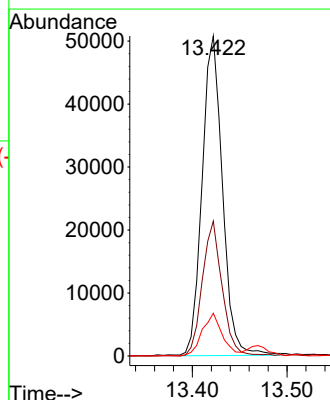
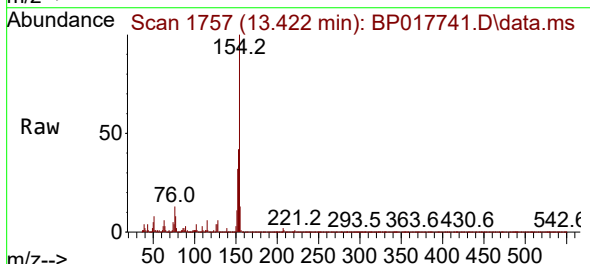
RT: 13.422 min Scan# 1757

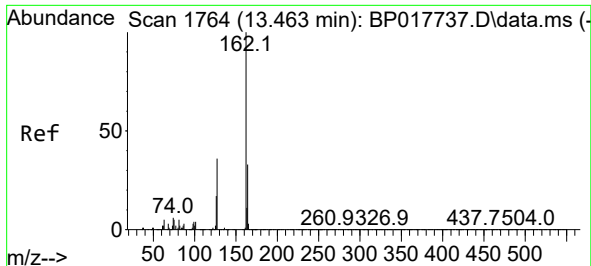
Delta R.T. 0.012 min

Lab File: BP017741.D

Acq: 20 Oct 2023 13:48

Tgt Ion:	154	Resp:	75938
Ion Ratio	Lower	Upper	
154	100		
153	42.2	32.6	49.0
76	13.3	9.8	14.8





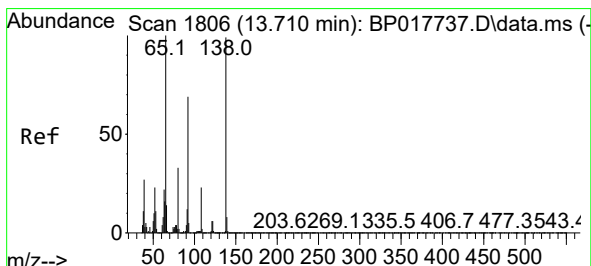
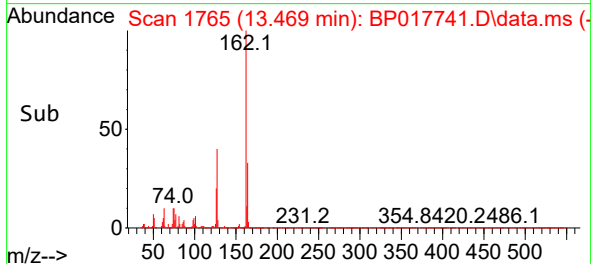
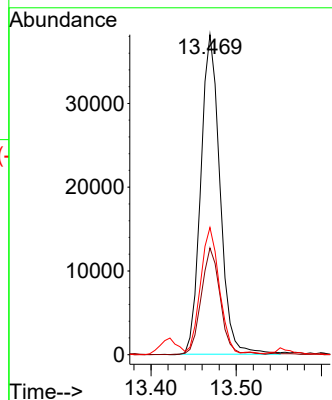
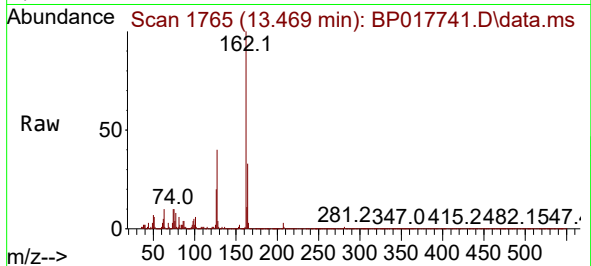
#44
2-Chloronaphthalene
Concen: 4.463 ng/ul
RT: 13.469 min Scan# 1764
Delta R.T. 0.012 min
Lab File: BP017741.D
Acq: 20 Oct 2023 13:48

Instrument : BNA_P
ClientSampleId : MDL-WATER-QT4-2023-07

Tgt Ion:	162	Resp:	59714
Ion Ratio	Lower	Upper	
162	100		
164	33.3	25.9	38.9
127	39.8	29.9	44.9

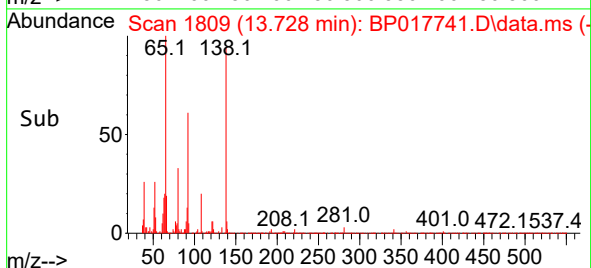
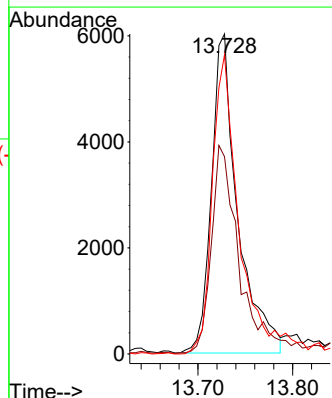
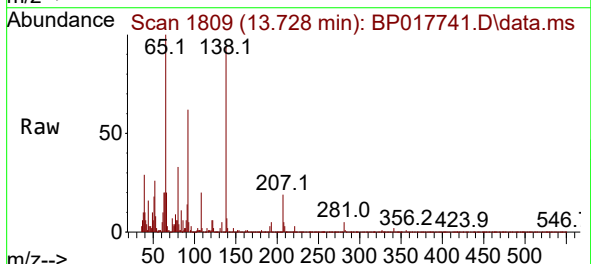
Manual Integrations
APPROVED

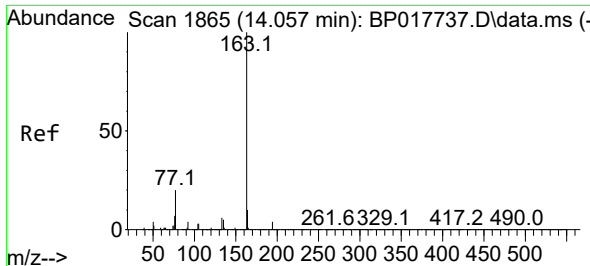
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023



#45
2-Nitroaniline
Concen: 3.826 ng/ul
RT: 13.728 min Scan# 1809
Delta R.T. 0.018 min
Lab File: BP017741.D
Acq: 20 Oct 2023 13:48

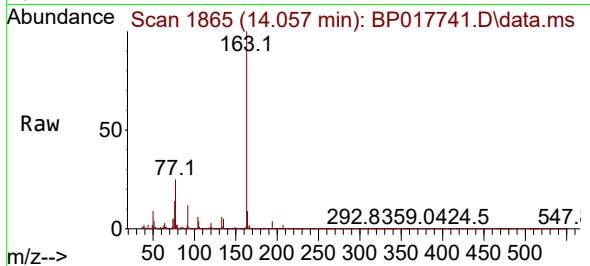
Tgt Ion:	65	Resp:	11633
Ion Ratio	Lower	Upper	
65	100		
92	61.7	56.2	84.4
138	93.5	85.9	128.9





#47
Dimethylphthalate
Concen: 4.602 ng/ul
RT: 14.057 min Scan# 1865
Delta R.T. 0.006 min
Lab File: BP017741.D
Acq: 20 Oct 2023 13:48

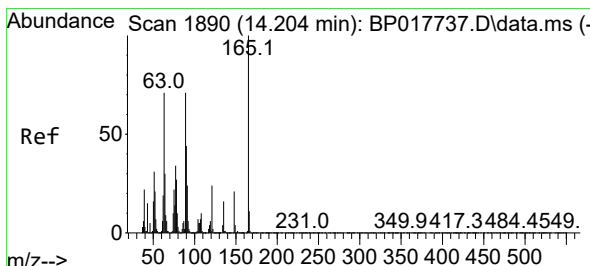
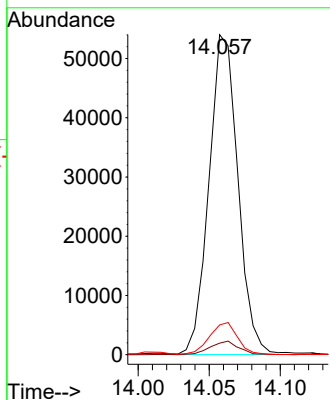
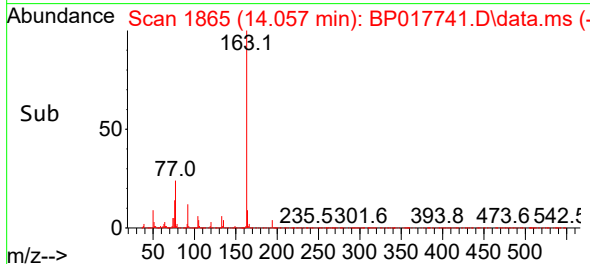
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT4-2023-07



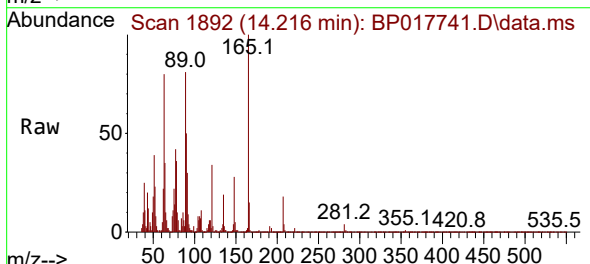
Tgt Ion:163 Resp: 76490
Ion Ratio Lower Upper
163 100
194 3.6 3.4 5.0
164 9.3 8.2 12.4

Manual Integrations
APPROVED

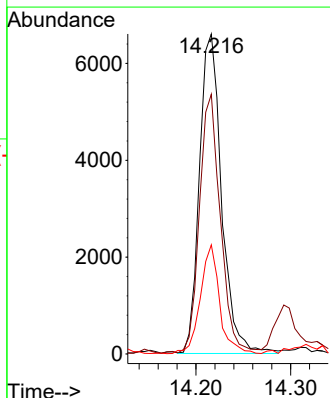
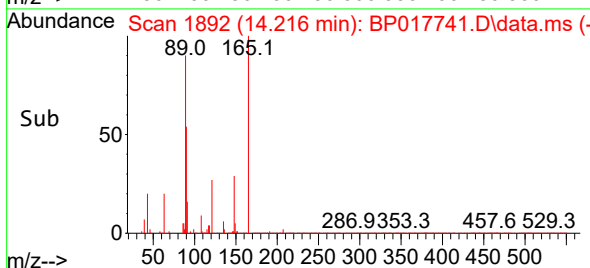
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023

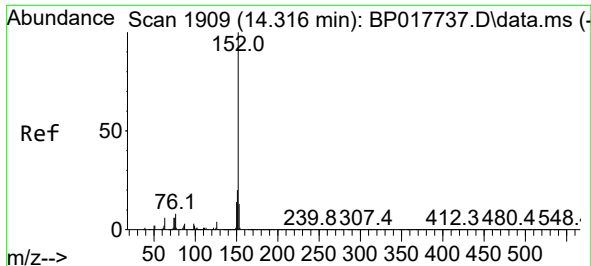


#48
2,6-Dinitrotoluene
Concen: 3.505 ng/ul
RT: 14.216 min Scan# 1892
Delta R.T. 0.012 min
Lab File: BP017741.D
Acq: 20 Oct 2023 13:48



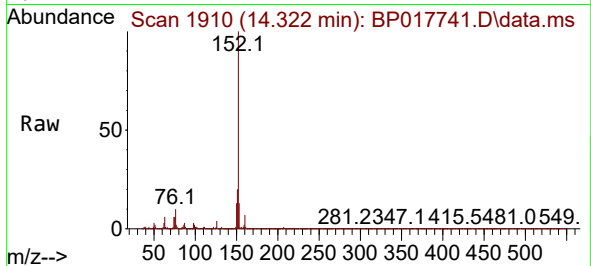
Tgt Ion:165 Resp: 10723
Ion Ratio Lower Upper
165 100
89 81.2 48.0 72.0#
121 34.1 16.6 24.8#





#50
Acenaphthylene
Concen: 4.758 ng/ul
RT: 14.322 min Scan# 1910
Delta R.T. 0.012 min
Lab File: BP017741.D
Acq: 20 Oct 2023 13:48

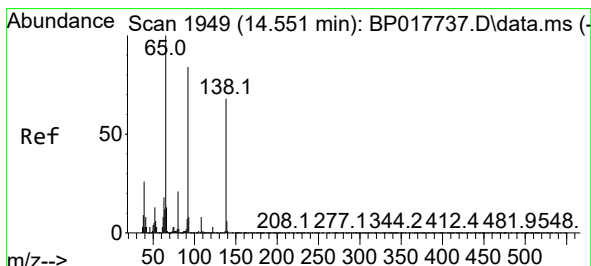
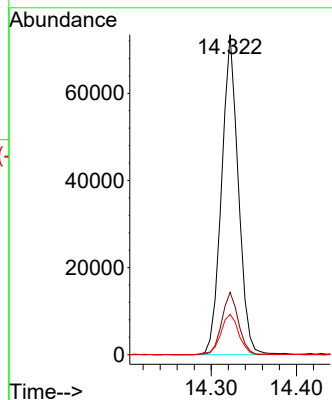
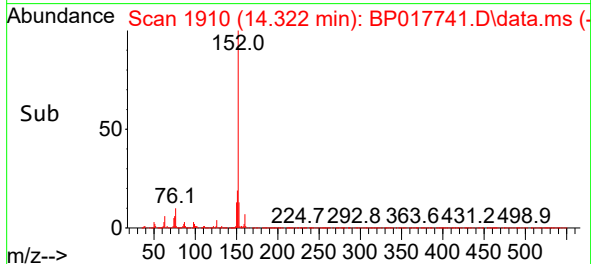
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT4-2023-07



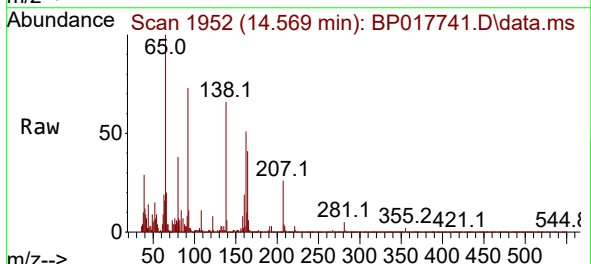
Tgt Ion:152 Resp: 10025
Ion Ratio Lower Upper
152 100
151 19.5 15.9 23.9
153 12.6 10.8 16.2

Manual Integrations
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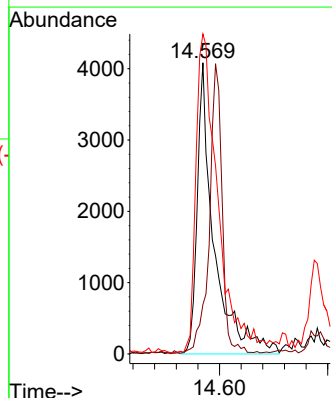
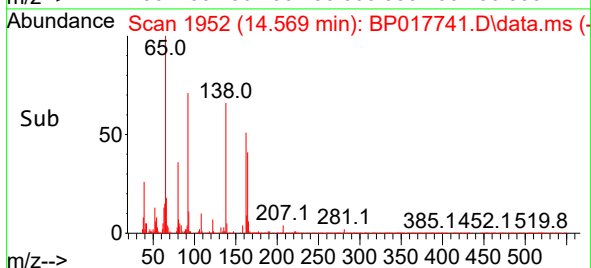
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023

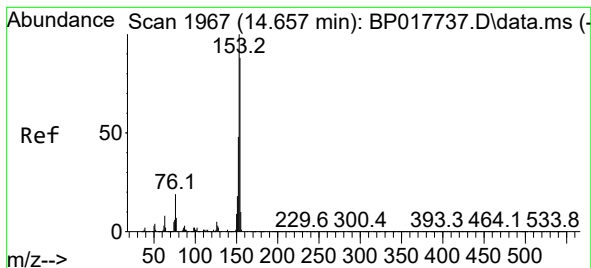


#51
3-Nitroaniline
Concen: 3.032 ng/ul m
RT: 14.569 min Scan# 1952
Delta R.T. 0.024 min
Lab File: BP017741.D
Acq: 20 Oct 2023 13:48



Tgt Ion:138 Resp: 8822
Ion Ratio Lower Upper
138 100
108 17.0 9.3 13.9#
92 109.9 95.2 142.8





#52

Acenaphthene

Concen: 4.751 ng/ul

RT: 14.663 min Scan# 1968

Delta R.T. 0.012 min

Lab File: BP017741.D

Acq: 20 Oct 2023 13:48

Instrument :

BNA_P

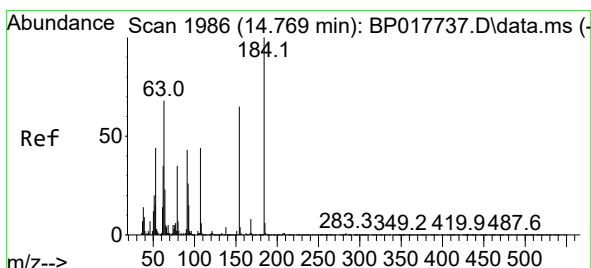
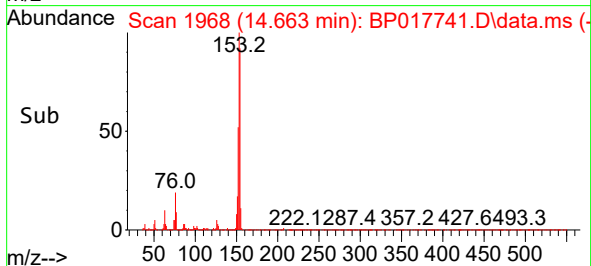
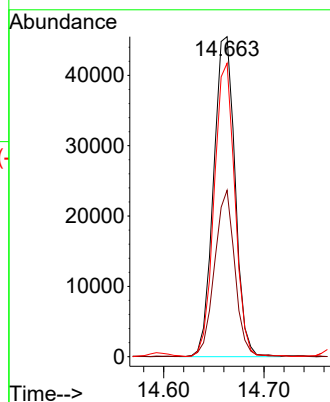
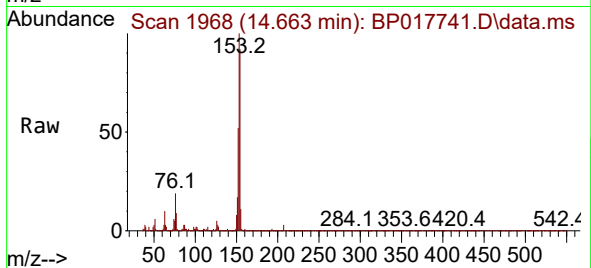
ClientSampleId :

MDL-WATER-QT4-2023-07

Tgt Ion:	153	Resp:	6766
Ion Ratio	Lower	Upper	
153	100		
152	52.0	37.6	56.4
154	91.7	70.0	105.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023



#53

2,4-Dinitrophenol

Concen: 4.657 ng/ul

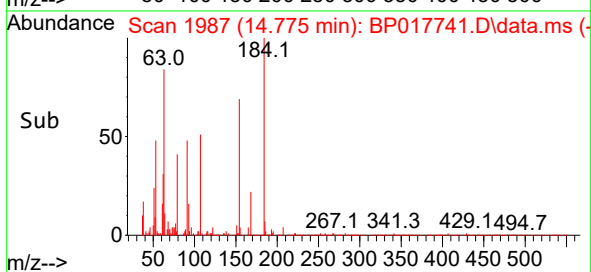
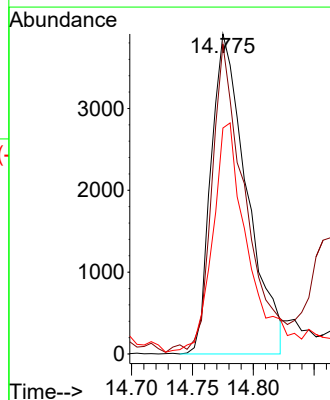
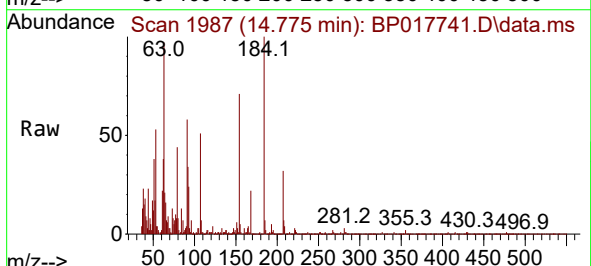
RT: 14.775 min Scan# 1987

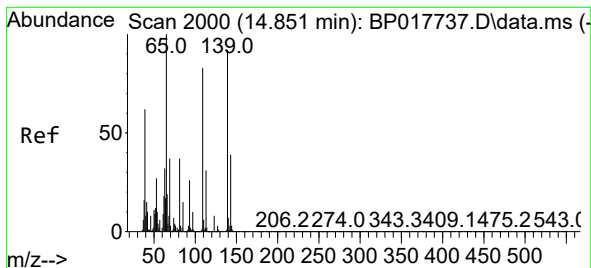
Delta R.T. 0.018 min

Lab File: BP017741.D

Acq: 20 Oct 2023 13:48

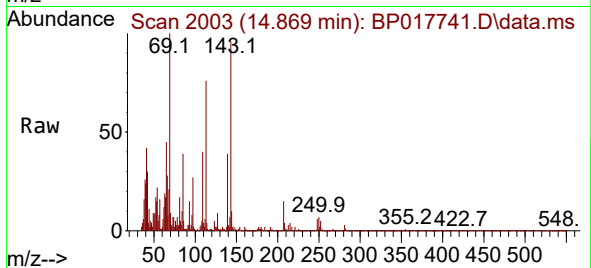
Tgt Ion:	184	Resp:	7998
Ion Ratio	Lower	Upper	
184	100		
63	96.8	50.6	76.0
154	70.6	47.9	71.9





#55
4-Nitrophenol
Concen: 3.686 ng/ul
RT: 14.869 min Scan# 2000
Delta R.T. 0.024 min
Lab File: BP017741.D
Acq: 20 Oct 2023 13:48

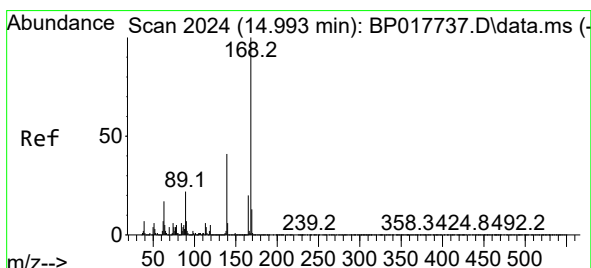
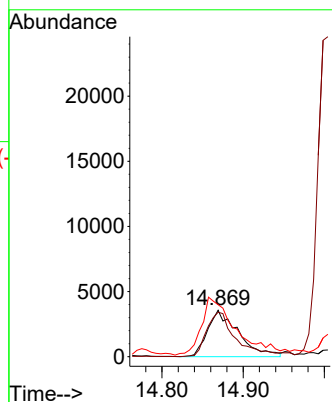
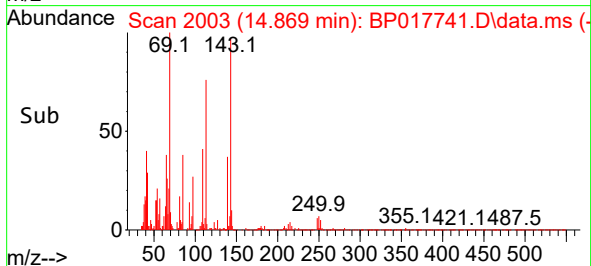
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT4-2023-07



Tgt Ion:109 Resp: 937
Ion Ratio Lower Upper
109 100
139 95.8 92.9 139.3
65 112.3 94.5 141.7

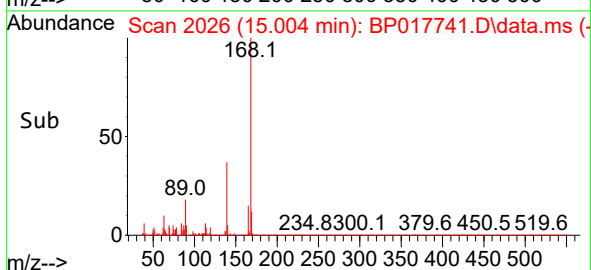
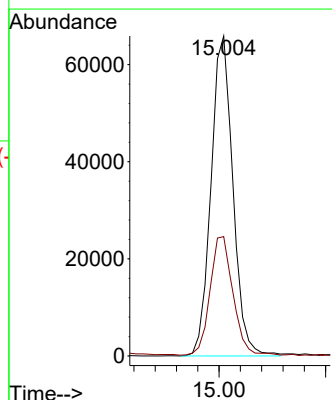
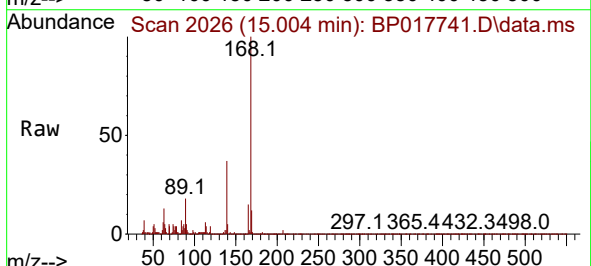
Manual Integrations
APPROVED

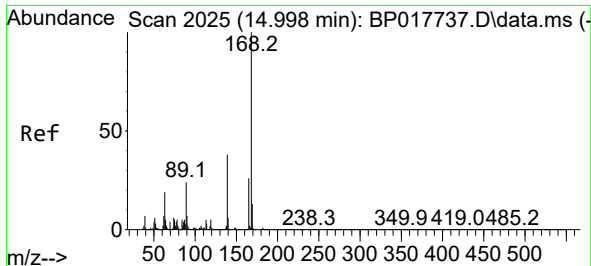
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023



#56
Dibenzofuran
Concen: 4.696 ng/ul
RT: 15.004 min Scan# 2026
Delta R.T. 0.012 min
Lab File: BP017741.D
Acq: 20 Oct 2023 13:48

Tgt Ion:168 Resp: 93913
Ion Ratio Lower Upper
168 100
139 37.3 28.6 43.0





#57

2,4-Dinitrotoluene

Concen: 3.786 ng/ul

RT: 15.010 min Scan# 2025

Delta R.T. 0.018 min

Lab File: BP017741.D

Acq: 20 Oct 2023 13:48

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-QT4-2023-07

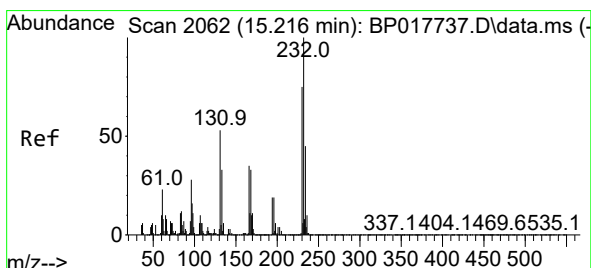
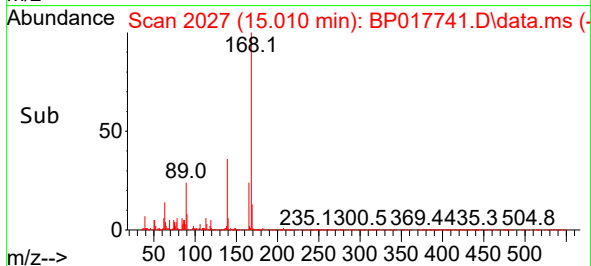
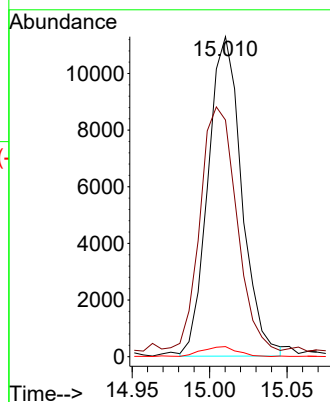
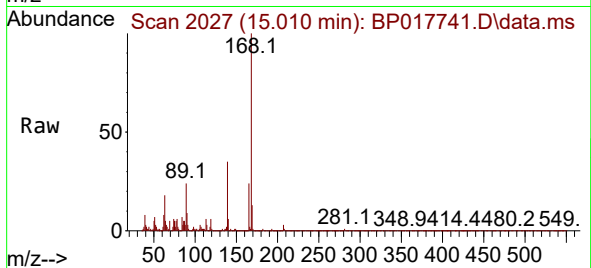
Tgt Ion:	165	Resp:	17094
Ion Ratio	Lower	Upper	
165	100		
63	74.0	51.1	76.7
182	3.2	2.7	4.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/23/2023

Supervised By :mohammad ahmed 10/23/2023



#58

2,3,4,6-Tetrachlorophenol

Concen: 3.774 ng/ul

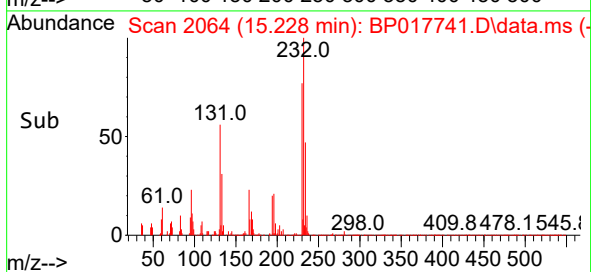
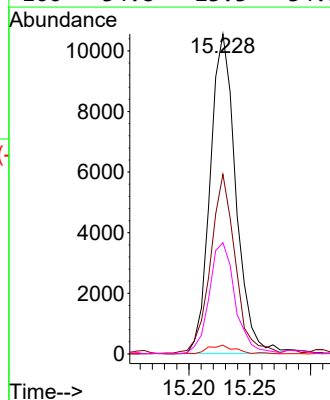
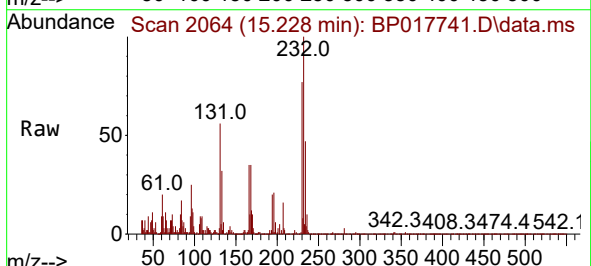
RT: 15.228 min Scan# 2064

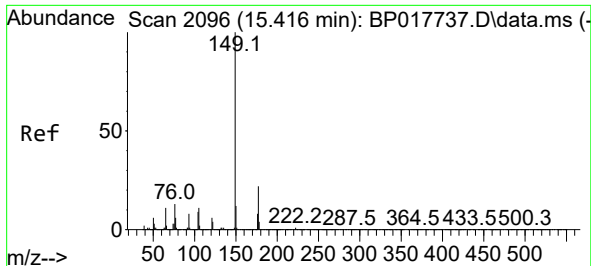
Delta R.T. 0.012 min

Lab File: BP017741.D

Acq: 20 Oct 2023 13:48

Tgt Ion:	232	Resp:	15447
Ion Ratio	Lower	Upper	
232	100		
131	56.1	32.9	49.3#
130	2.7	1.8	2.8
166	34.8	23.3	34.9





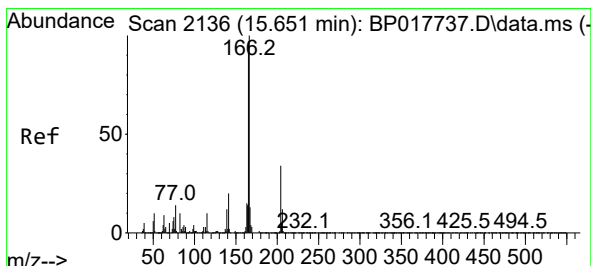
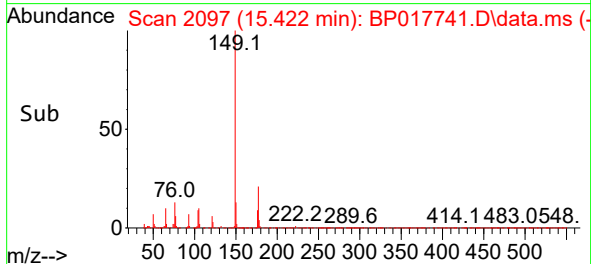
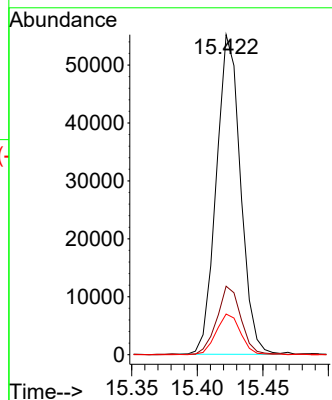
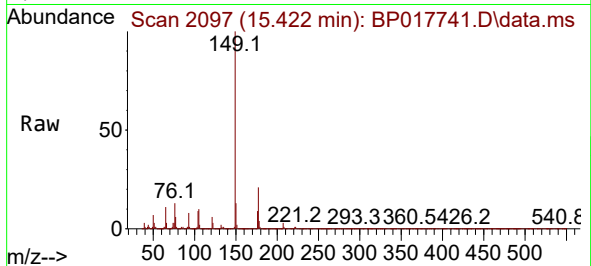
#59
Diethylphthalate
Concen: 4.410 ng/ul
RT: 15.422 min Scan# 2096
Delta R.T. 0.012 min
Lab File: BP017741.D
Acq: 20 Oct 2023 13:48

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion:149 Resp: 7077
Ion Ratio Lower Upper
149 100
177 21.4 18.0 27.0
150 12.7 10.2 15.4

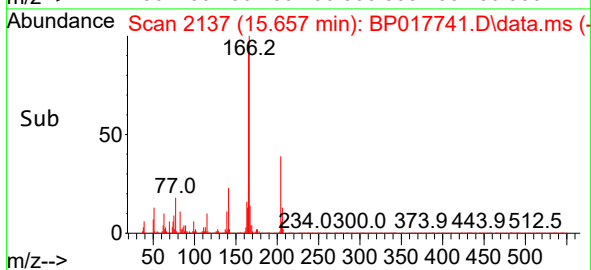
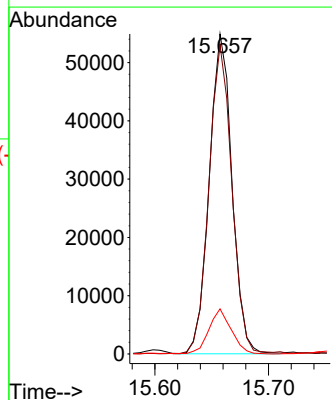
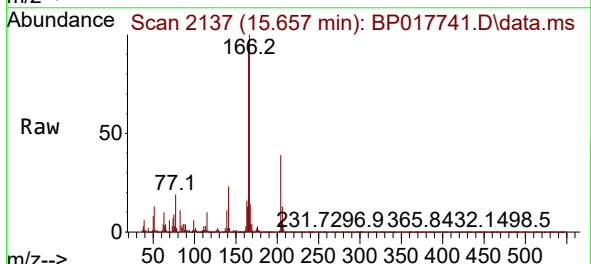
Manual Integrations
APPROVED

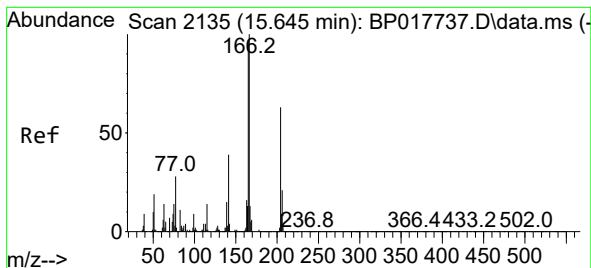
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023



#61
Fluorene
Concen: 4.649 ng/ul
RT: 15.657 min Scan# 2137
Delta R.T. 0.012 min
Lab File: BP017741.D
Acq: 20 Oct 2023 13:48

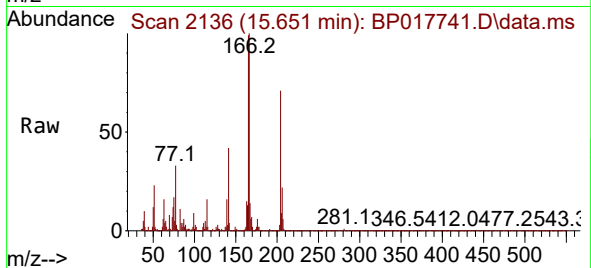
Tgt Ion:166 Resp: 76361
Ion Ratio Lower Upper
166 100
165 96.6 77.4 116.0
167 14.1 10.9 16.3





#62
4-Chlorophenyl-phenylether
Concen: 4.372 ng/ul
RT: 15.651 min Scan# 2135
Delta R.T. 0.012 min
Lab File: BP017741.D
Acq: 20 Oct 2023 13:48

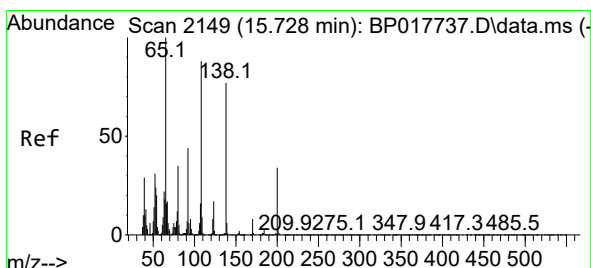
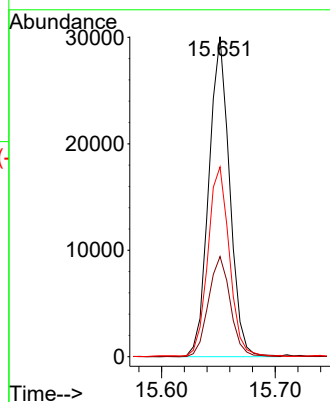
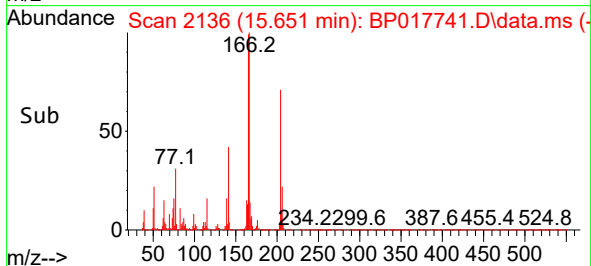
Instrument : BNA_P
ClientSampleId : MDL-WATER-QT4-2023-07



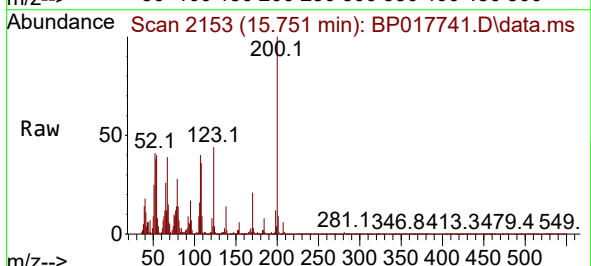
Tgt Ion:204 Resp: 38174
Ion Ratio Lower Upper
204 100
206 31.3 26.2 39.4
141 59.3 42.9 64.3

Manual Integrations
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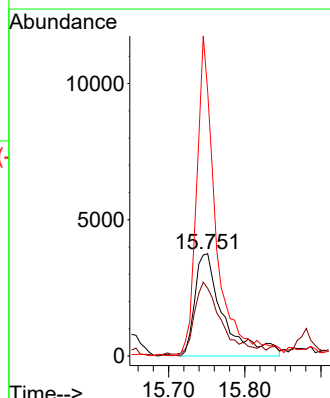
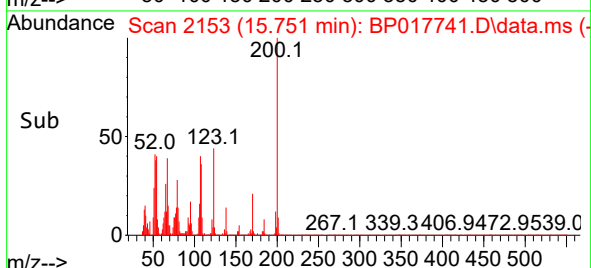
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023

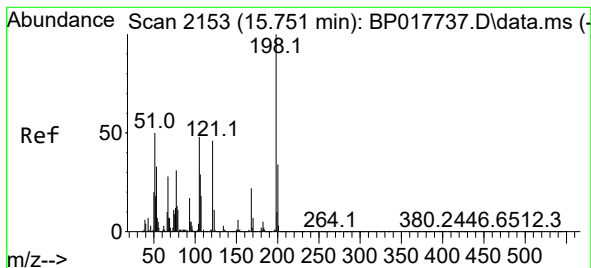


#63
4-Nitroaniline
Concen: 3.730 ng/ul m
RT: 15.751 min Scan# 2153
Delta R.T. 0.030 min
Lab File: BP017741.D
Acq: 20 Oct 2023 13:48



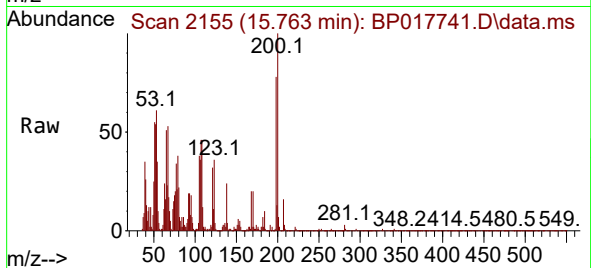
Tgt Ion:138 Resp: 9790
Ion Ratio Lower Upper
138 100
92 66.1 43.0 64.6#
108 258.1 82.7 124.1#





#66
4,6-Dinitro-2-methylphenol
Concen: 3.551 ng/ul
RT: 15.763 min Scan# 2153
Delta R.T. 0.012 min
Lab File: BP017741.D
Acq: 20 Oct 2023 13:48

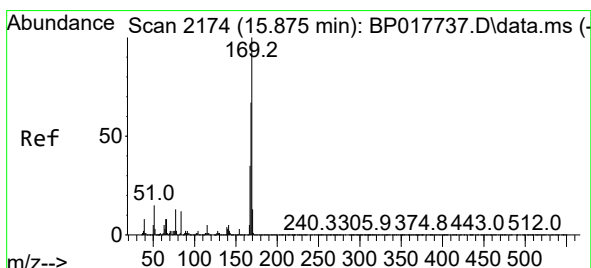
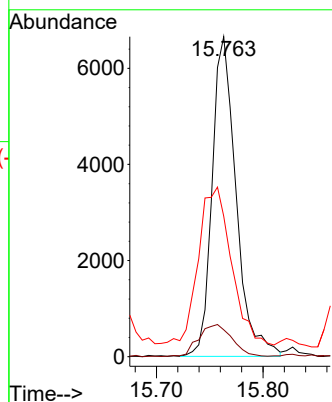
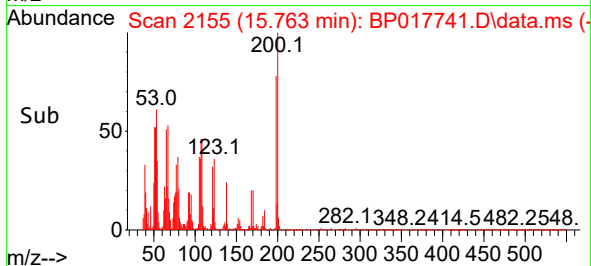
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT4-2023-07



Tgt Ion:198 Resp: 1038
Ion Ratio Lower Upper
198 100
182 8.4 3.9 5.9
77 43.9 19.8 29.8

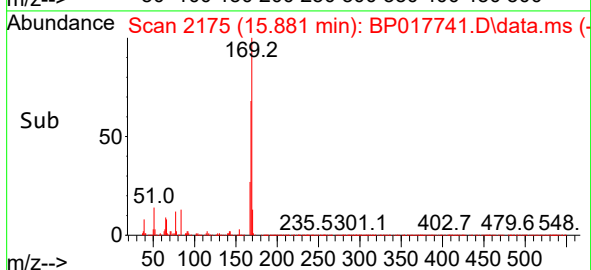
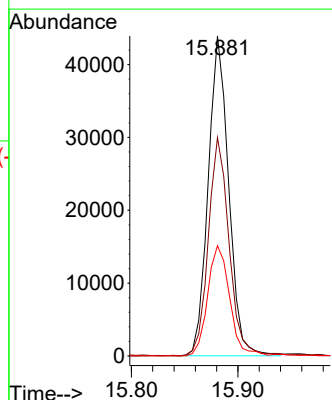
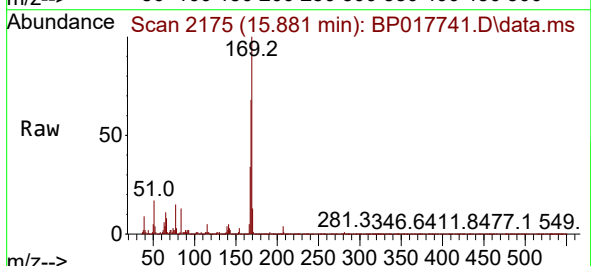
Manual Integrations
APPROVED

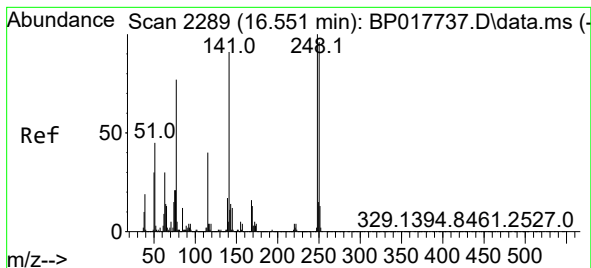
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023



#67
N-Nitrosodiphenylamine
Concen: 4.671 ng/ul
RT: 15.881 min Scan# 2175
Delta R.T. 0.012 min
Lab File: BP017741.D
Acq: 20 Oct 2023 13:48

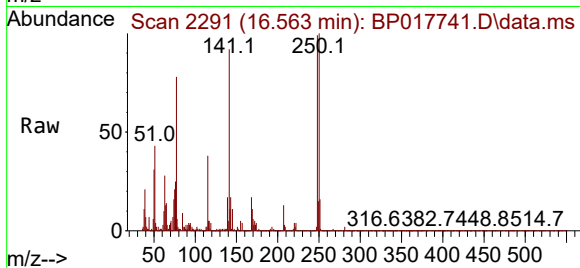
Tgt Ion:169 Resp: 58647
Ion Ratio Lower Upper
169 100
168 68.3 53.7 80.5
167 34.4 29.4 44.0





#68
4-Bromophenyl-phenylether
Concen: 4.050 ng/ul
RT: 16.563 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP017741.D
Acq: 20 Oct 2023 13:48

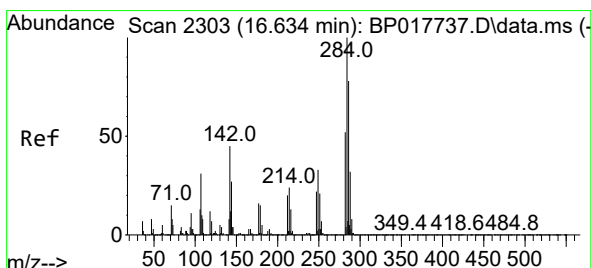
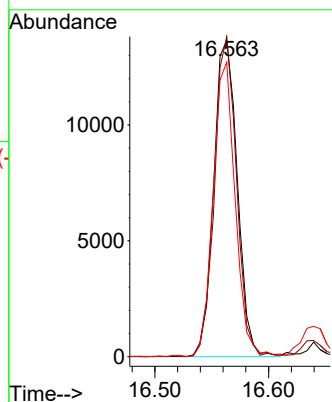
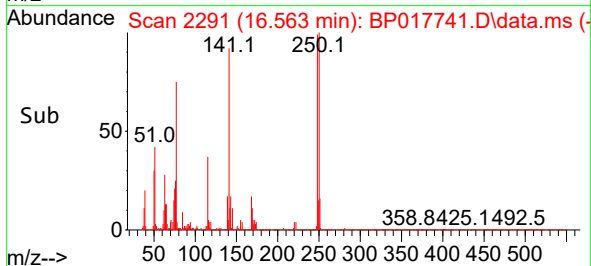
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT4-2023-07



Tgt Ion:248 Resp: 19638
Ion Ratio Lower Upper
248 100
250 101.1 76.8 115.2
141 93.1 52.4 78.6

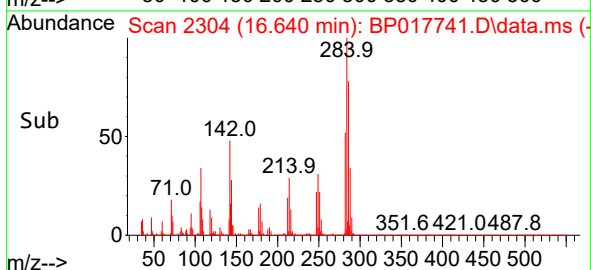
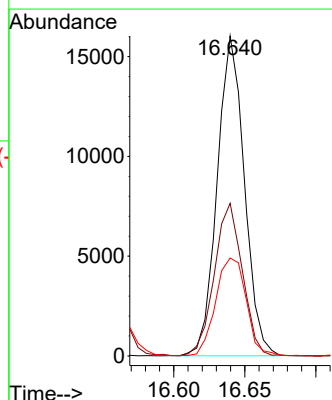
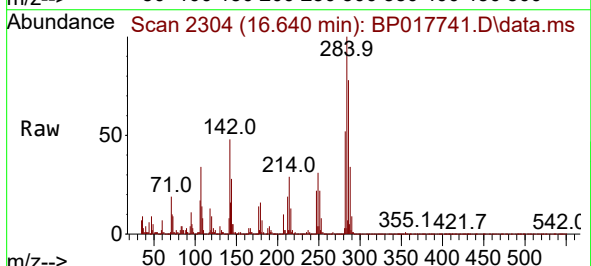
Manual Integrations
APPROVED

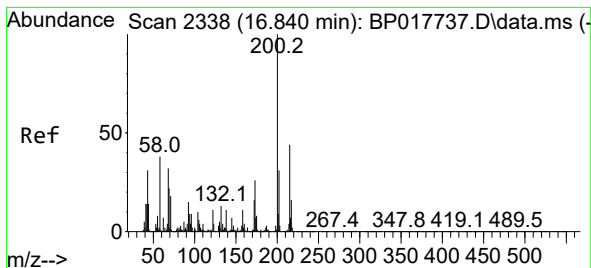
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023



#69
Hexachlorobenzene
Concen: 3.831 ng/ul
RT: 16.640 min Scan# 2304
Delta R.T. 0.012 min
Lab File: BP017741.D
Acq: 20 Oct 2023 13:48

Tgt Ion:284 Resp: 21330
Ion Ratio Lower Upper
284 100
142 47.7 27.6 41.4#
249 30.6 24.5 36.7





#70

Atrazine

Concen: 2.997 ng/ul

RT: 16.845 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP017741.D

Acq: 20 Oct 2023 13:48

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-QT4-2023-07

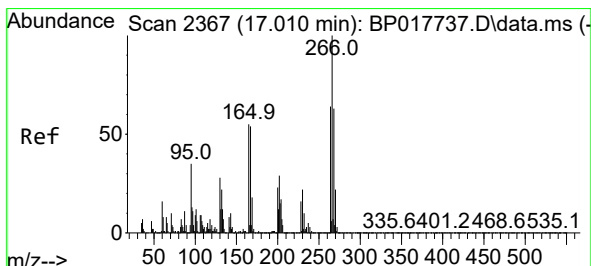
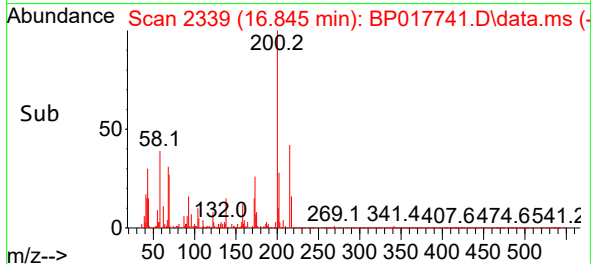
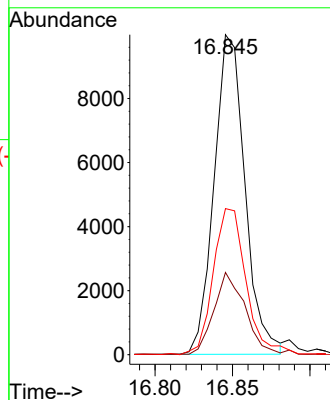
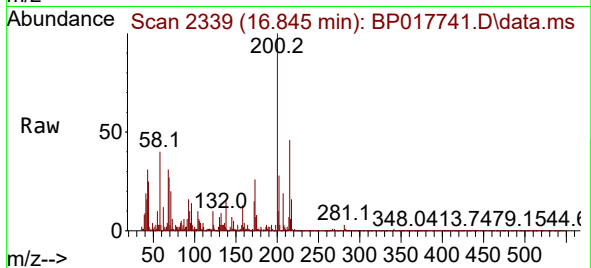
Tgt Ion:200	Resp:	1383
Ion Ratio	Lower	Upper
200	100	
173	25.7	19.8 29.6
215	45.6	38.5 57.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/23/2023

Supervised By :mohammad ahmed 10/23/2023



#71

Pentachlorophenol

Concen: 3.559 ng/ul

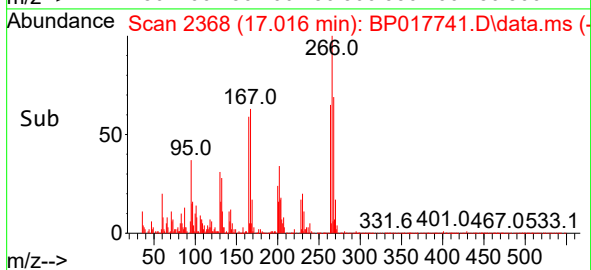
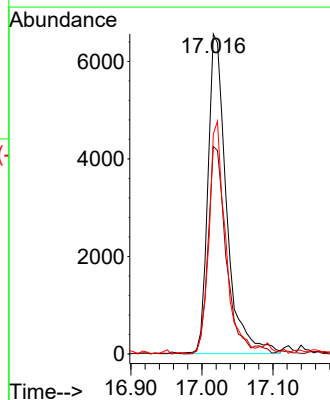
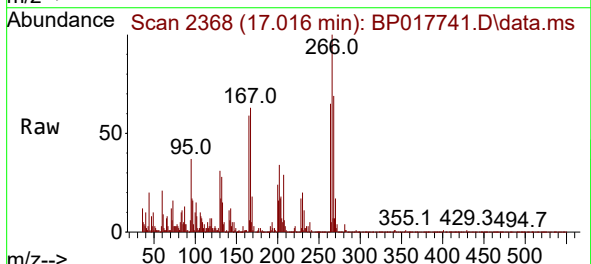
RT: 17.016 min Scan# 2368

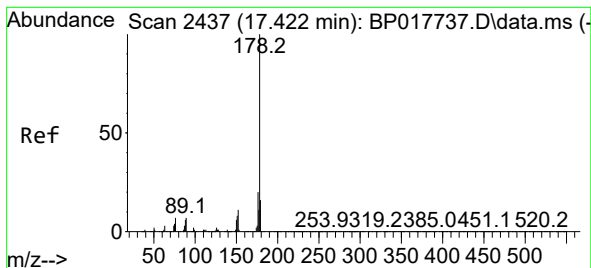
Delta R.T. 0.012 min

Lab File: BP017741.D

Acq: 20 Oct 2023 13:48

Tgt Ion:266	Resp:	11913
Ion Ratio	Lower	Upper
266	100	
264	64.8	49.4 74.2
268	68.7	50.3 75.5





#72

Phenanthrene

Concen: 4.837 ng/ul

RT: 17.434 min Scan# 2437

Delta R.T. 0.012 min

Lab File: BP017741.D

Acq: 20 Oct 2023 13:48

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-QT4-2023-07

Tgt Ion:178 Resp: 11743

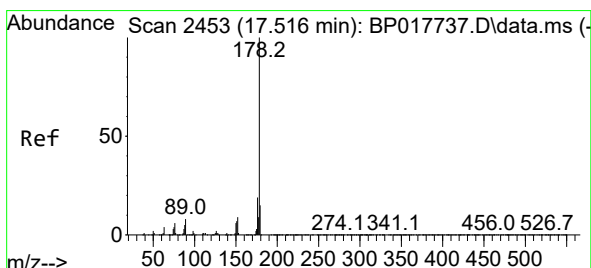
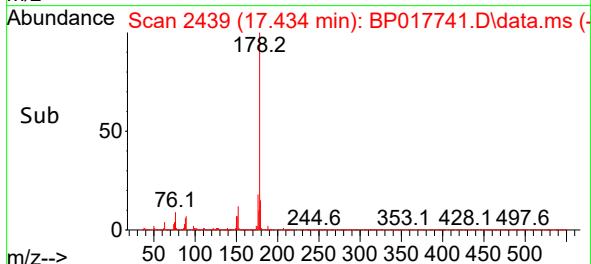
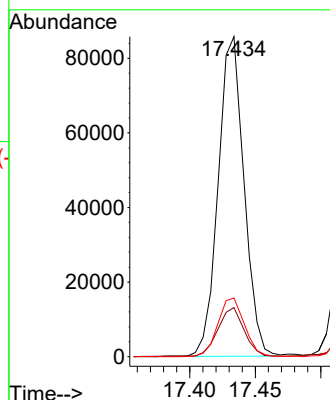
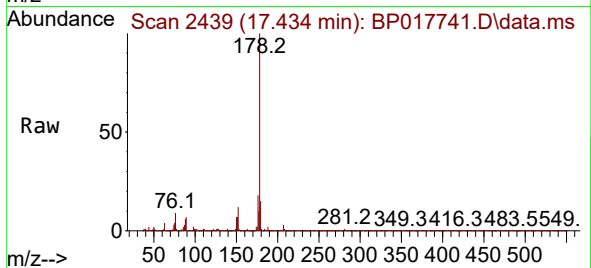
Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.2
176	18.3	15.3	22.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/23/2023

Supervised By :mohammad ahmed 10/23/2023



#74

Anthracene

Concen: 4.678 ng/ul

RT: 17.528 min Scan# 2455

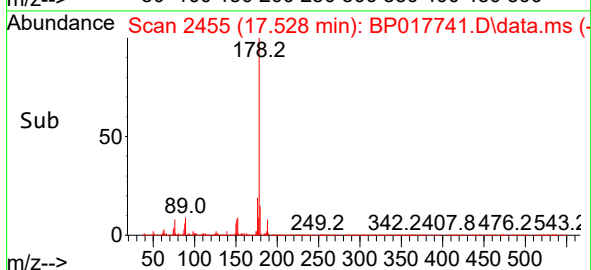
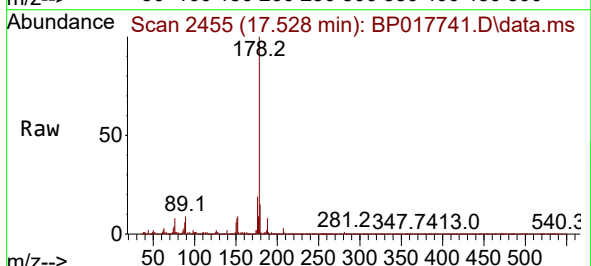
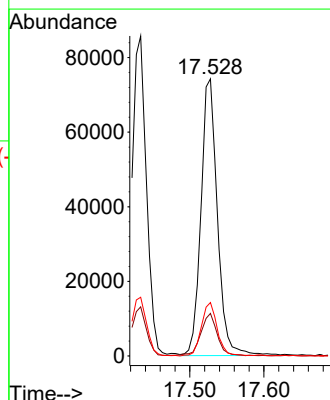
Delta R.T. 0.018 min

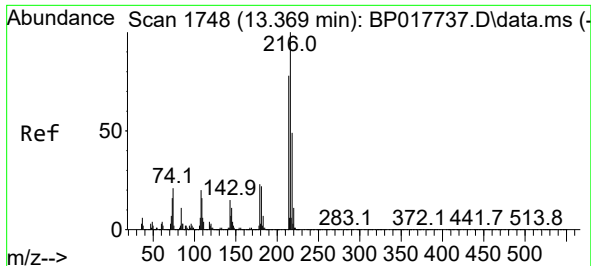
Lab File: BP017741.D

Acq: 20 Oct 2023 13:48

Tgt Ion:178 Resp: 115028

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.0	18.0
176	19.3	14.8	22.2





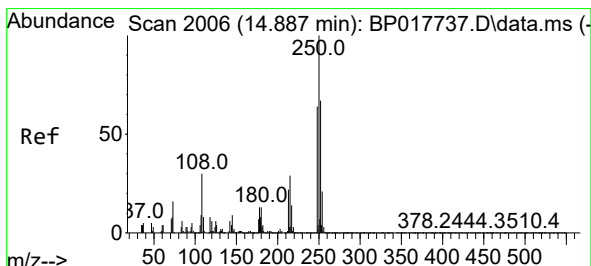
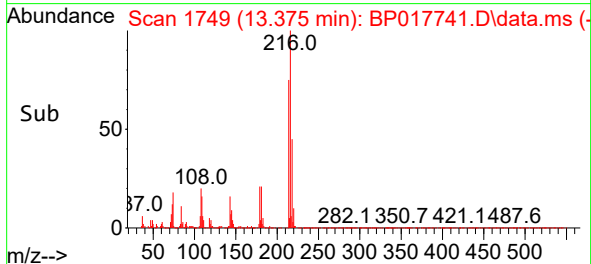
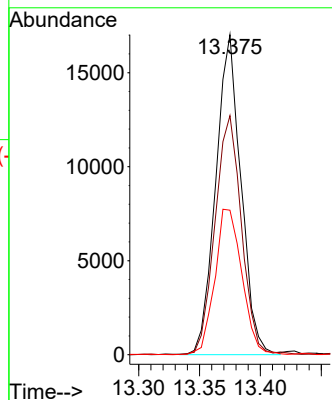
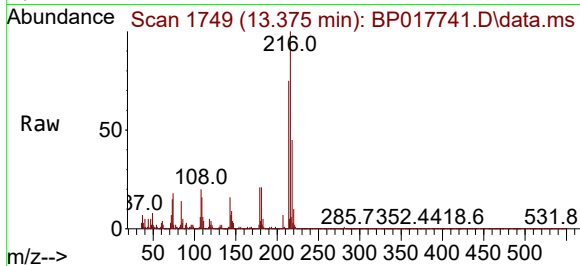
#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.526 ng/uL
RT: 13.375 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP017741.D
Acq: 20 Oct 2023 13:48

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion:216 Resp: 24519
Ion Ratio Lower Upper
216 100
214 74.7 60.7 91.1
218 45.1 38.2 57.4

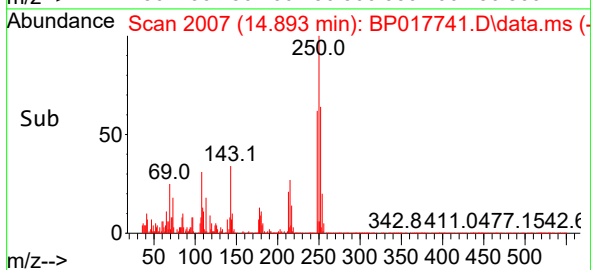
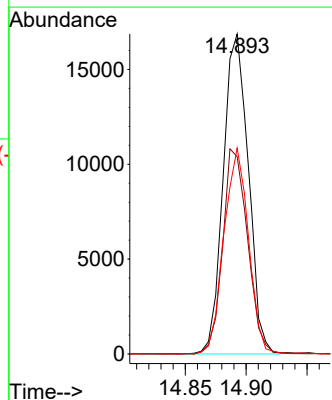
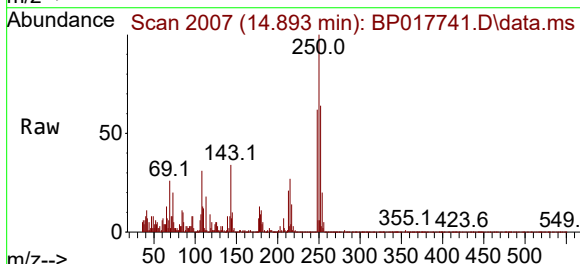
Manual Integrations
APPROVED

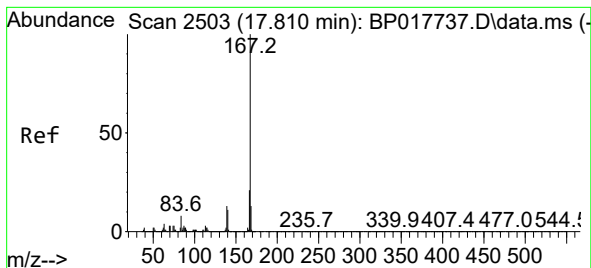
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023



#76
Pentachlorobenzene
Concen: 3.589 ng/uL
RT: 14.893 min Scan# 2007
Delta R.T. 0.012 min
Lab File: BP017741.D
Acq: 20 Oct 2023 13:48

Tgt Ion:250 Resp: 24191
Ion Ratio Lower Upper
250 100
248 61.7 50.2 75.4
252 64.3 49.6 74.4





#77

Carbazole

Concen: 4.086 ng/ul

RT: 17.828 min Scan# 2506

Delta R.T. 0.018 min

Lab File: BP017741.D

Acq: 20 Oct 2023 13:48

Instrument :

BNA_P

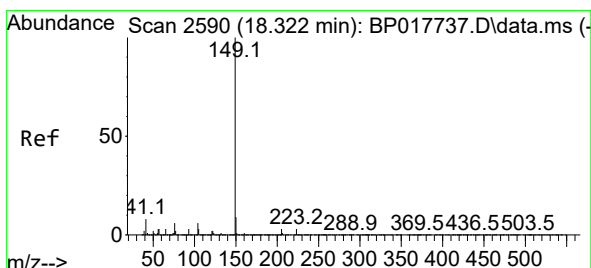
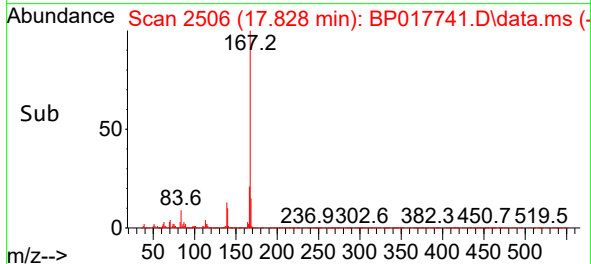
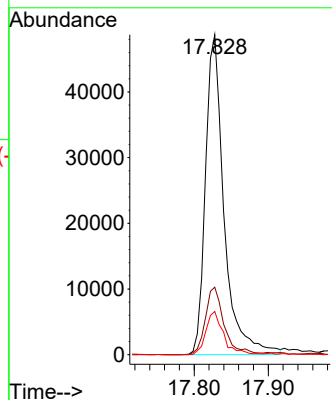
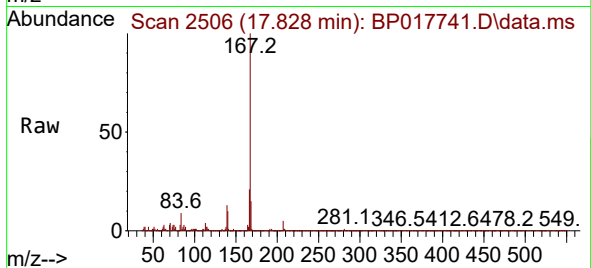
ClientSampleId :

MDL-WATER-QT4-2023-07

Tgt Ion:167	Resp:	84918
Ion Ratio	Lower	Upper
167	100	
166	21.1	16.7 25.1
139	13.5	9.8 14.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023



#78

Di-n-butylphthalate

Concen: 4.105 ng/ul

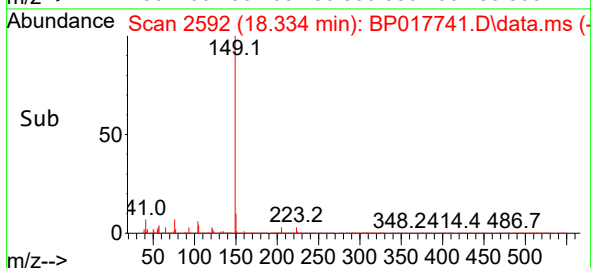
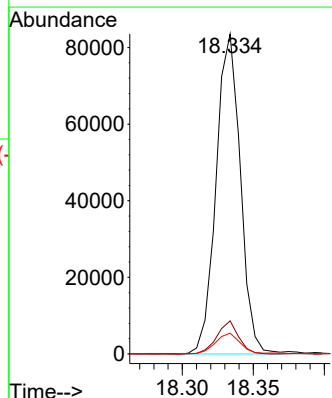
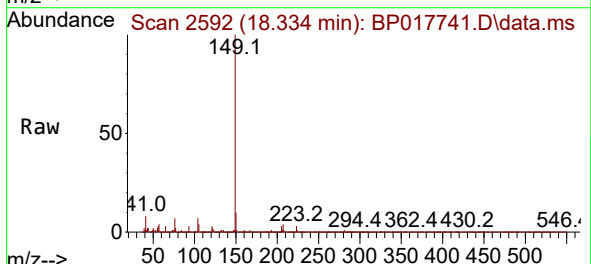
RT: 18.334 min Scan# 2592

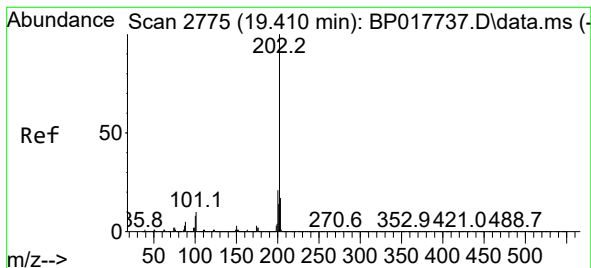
Delta R.T. 0.012 min

Lab File: BP017741.D

Acq: 20 Oct 2023 13:48

Tgt Ion:149	Resp:	99040
Ion Ratio	Lower	Upper
149	100	
150	10.3	7.2 10.8
104	6.5	4.3 6.5#





#80

Fluoranthene

Concen: 4.886 ng/ul

RT: 19.416 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP017741.D

Acq: 20 Oct 2023 13:48

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-QT4-2023-07

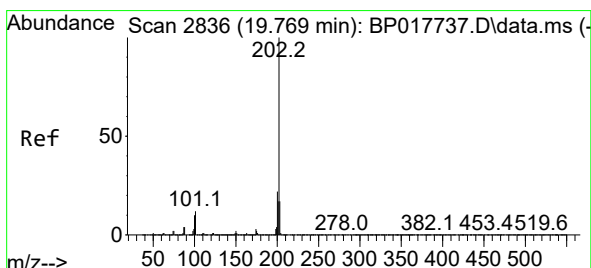
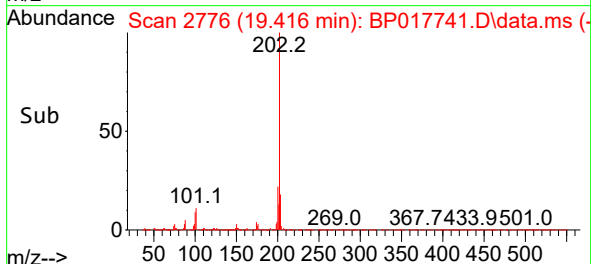
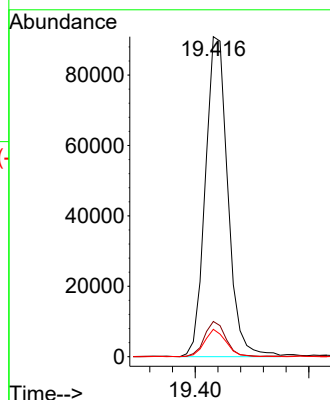
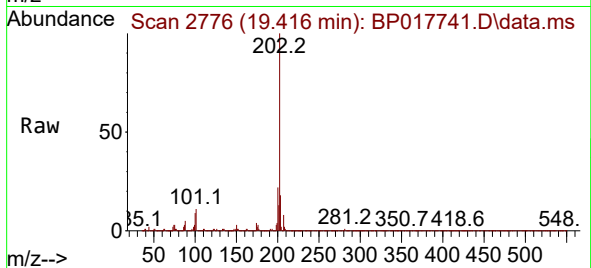
Tgt Ion:	202	Resp:	125052
Ion Ratio	Lower	Upper	
202	100		
101	11.0	7.1	10.7
100	8.5	5.7	8.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/23/2023

Supervised By :mohammad ahmed 10/23/2023



#82

Pyrene

Concen: 5.179 ng/ul

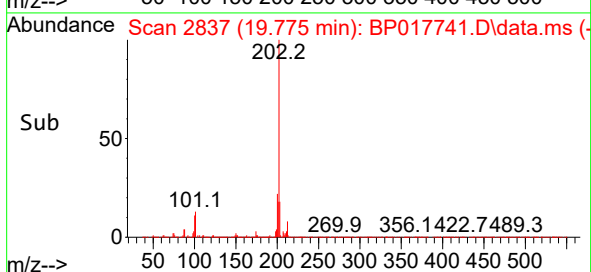
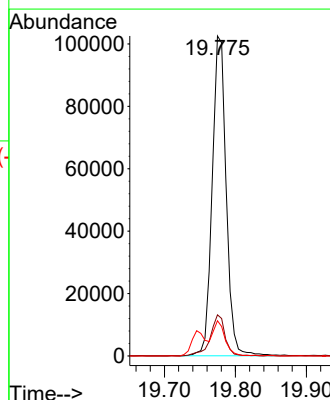
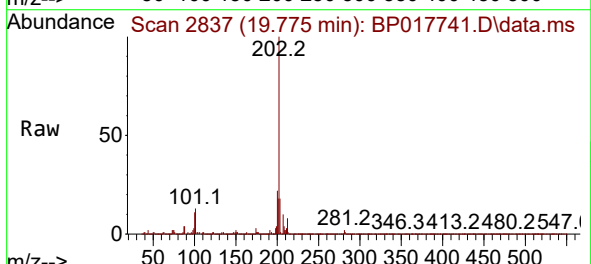
RT: 19.775 min Scan# 2837

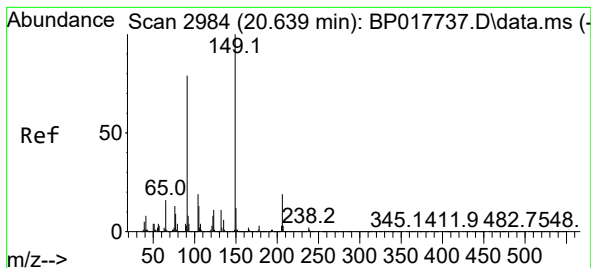
Delta R.T. 0.012 min

Lab File: BP017741.D

Acq: 20 Oct 2023 13:48

Tgt Ion:	202	Resp:	140424
Ion Ratio	Lower	Upper	
202	100		
101	12.8	8.3	12.5
100	11.0	7.4	11.0





#83

Butylbenzylphthalate

Concen: 4.117 ng/ul

RT: 20.651 min Scan# 2984

Delta R.T. 0.018 min

Lab File: BP017741.D

Acq: 20 Oct 2023 13:48

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-QT4-2023-07

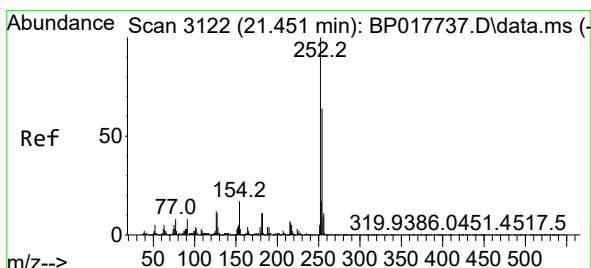
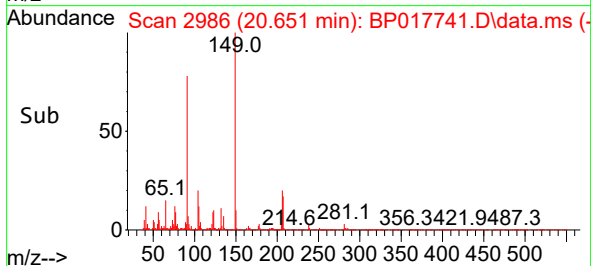
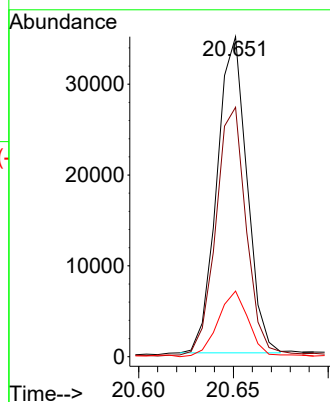
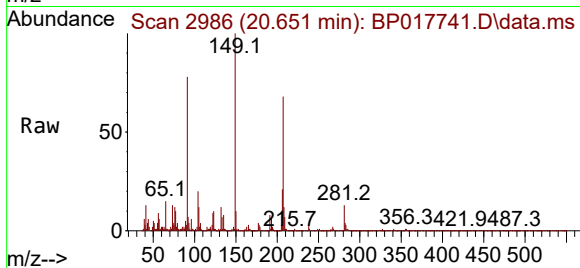
Tgt Ion:	149	Resp:	3839
Ion Ratio	Lower	Upper	
149	100		
91	78.0	58.8	88.2
206	20.5	17.5	26.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/23/2023

Supervised By :mohammad ahmed 10/23/2023



#84

3,3'-Dichlorobenzidine

Concen: 3.665 ng/ul

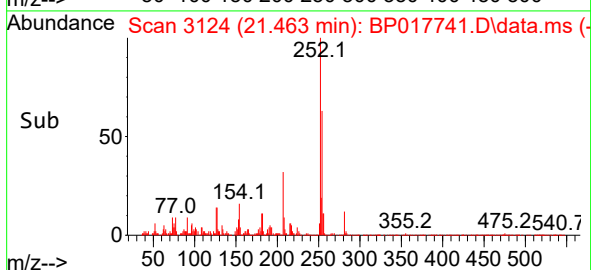
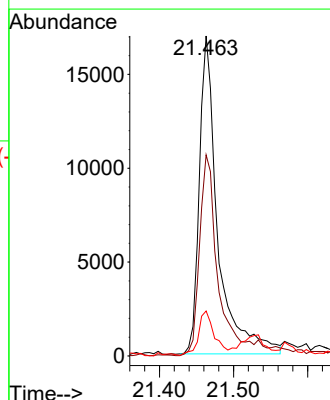
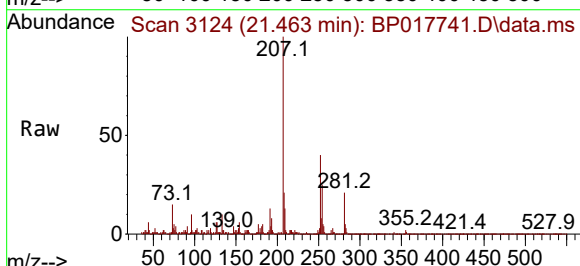
RT: 21.463 min Scan# 3124

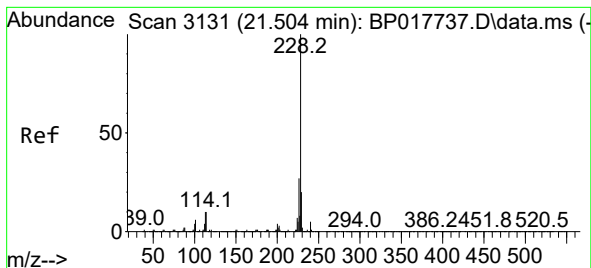
Delta R.T. 0.018 min

Lab File: BP017741.D

Acq: 20 Oct 2023 13:48

Tgt Ion:	252	Resp:	29420
Ion Ratio	Lower	Upper	
252	100		
254	62.9	51.8	77.8
126	14.1	7.8	11.6





#85

Benzo(a)anthracene

Concen: 4.512 ng/ul

RT: 21.516 min Scan# 3113

Delta R.T. 0.018 min

Lab File: BP017741.D

Acq: 20 Oct 2023 13:48

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-QT4-2023-07

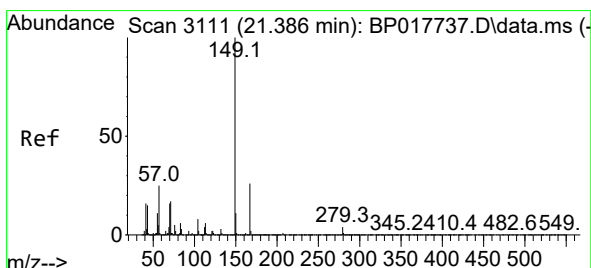
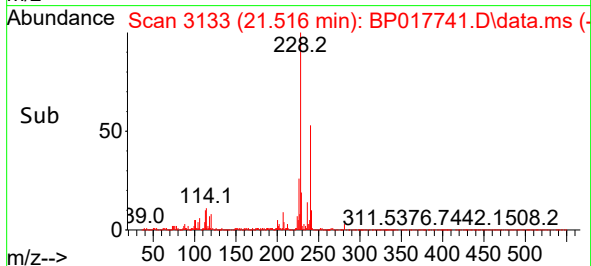
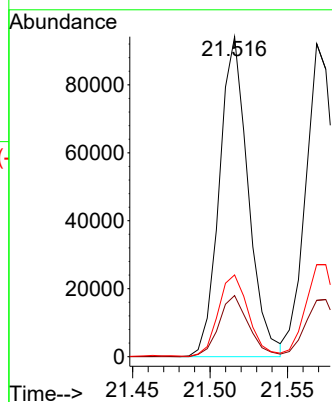
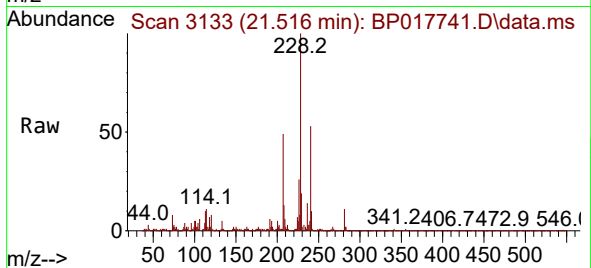
Tgt Ion:228 Resp: 12185
 Ion Ratio Lower Upper
 228 100
 229 19.1 15.6 23.4
 226 25.5 21.1 31.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/23/2023

Supervised By :mohammad ahmed 10/23/2023



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.872 ng/ul

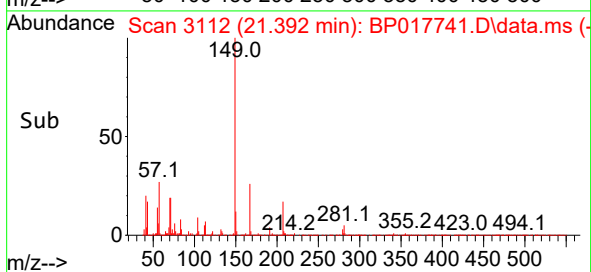
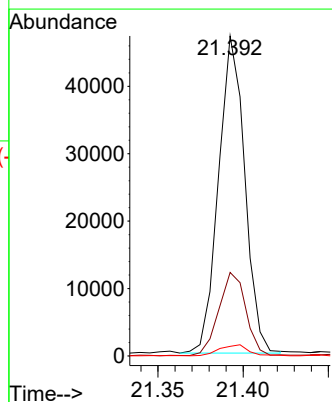
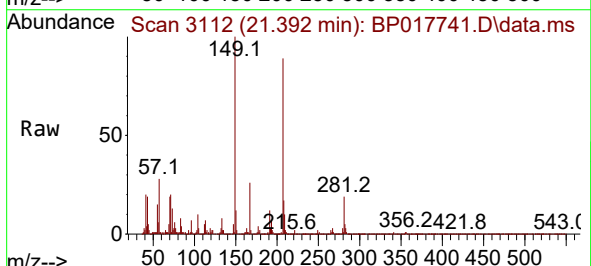
RT: 21.392 min Scan# 3112

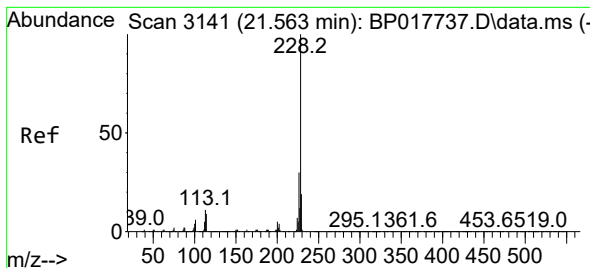
Delta R.T. 0.012 min

Lab File: BP017741.D

Acq: 20 Oct 2023 13:48

Tgt Ion:149 Resp: 50400
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.6 32.4
 279 3.0 3.6 5.4





#87

Chrysene

Concen: 4.905 ng/ul

RT: 21.569 min Scan# 3141

Delta R.T. 0.012 min

Lab File: BP017741.D

Acq: 20 Oct 2023 13:48

Instrument :

BNA_P

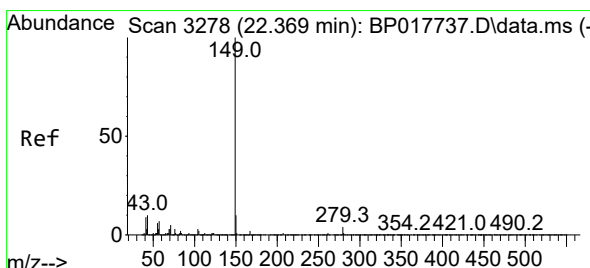
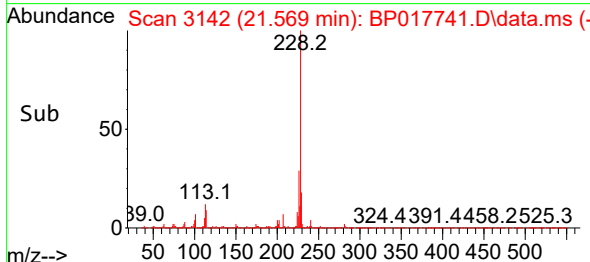
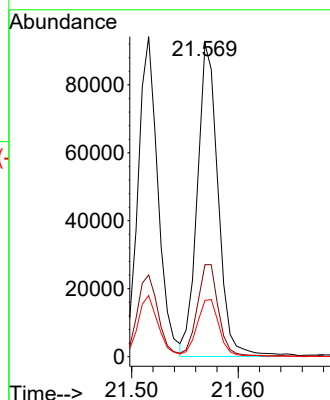
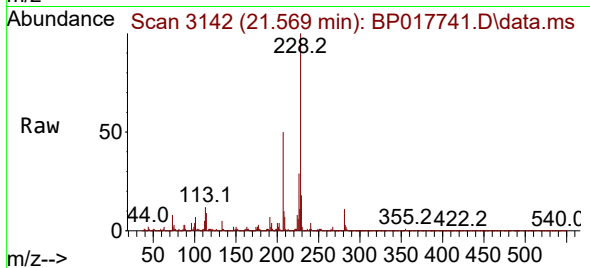
ClientSampleId :

MDL-WATER-QT4-2023-07

Tgt Ion:228 Resp: 125280
 Ion Ratio Lower Upper
 228 100
 226 29.4 24.0 36.0
 229 18.0 15.5 23.3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/23/2023
 Supervised By :mohammad ahmed 10/23/2023



#89

Di-n-octyl phthalate

Concen: 3.756 ng/ul

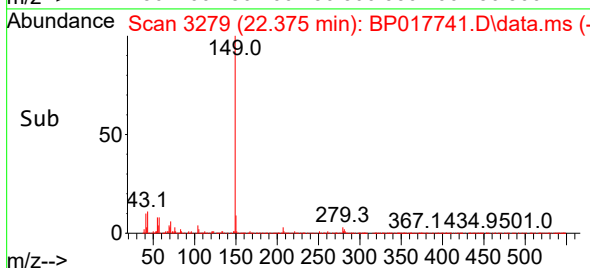
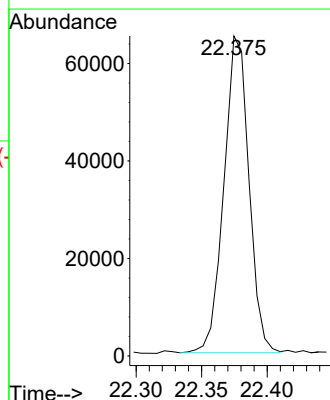
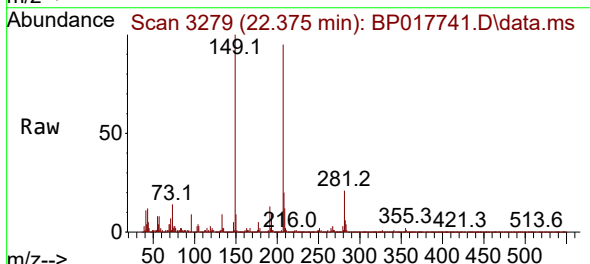
RT: 22.375 min Scan# 3279

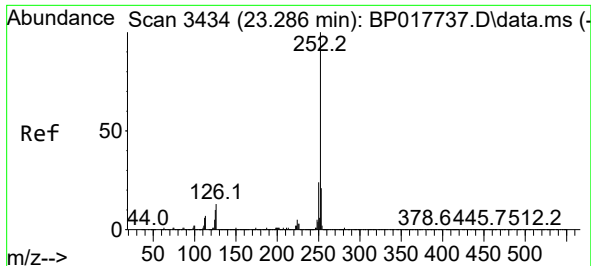
Delta R.T. 0.012 min

Lab File: BP017741.D

Acq: 20 Oct 2023 13:48

Tgt Ion:149 Resp: 86061





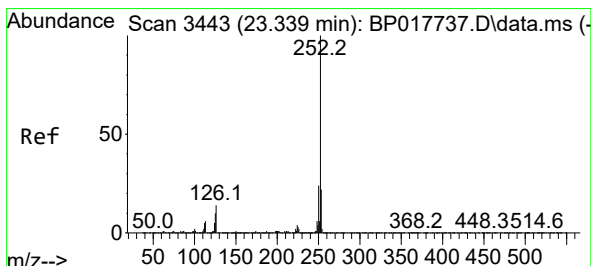
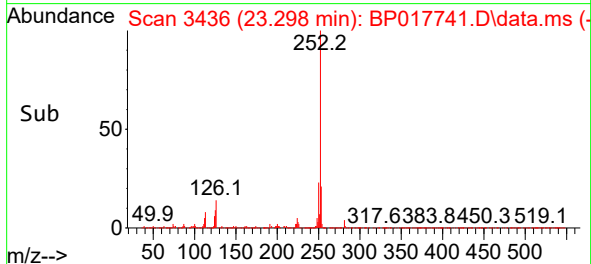
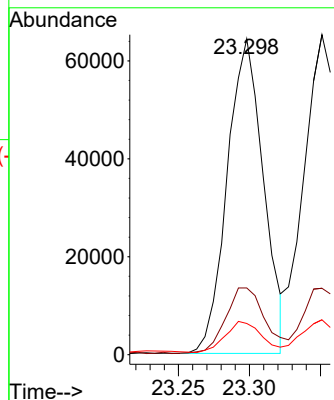
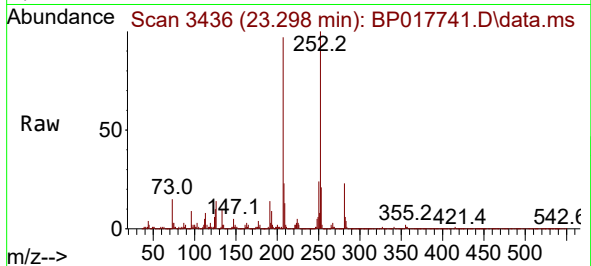
#90
Benzo(b)fluoranthene
Concen: 4.636 ng/ul
RT: 23.298 min Scan# 3436
Delta R.T. 0.024 min
Lab File: BP017741.D
Acq: 20 Oct 2023 13:48

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion:252 Resp: 11414
Ion Ratio Lower Upper
252 100
253 21.1 17.4 26.0
125 9.9 7.1 10.7

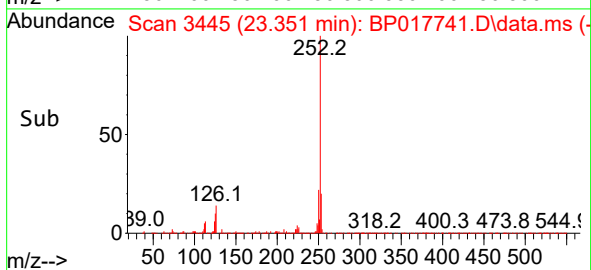
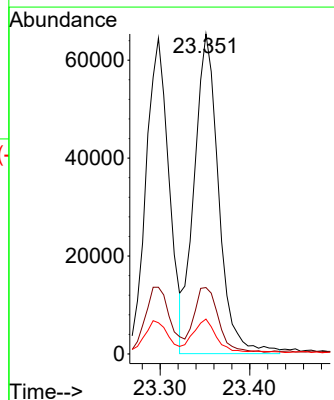
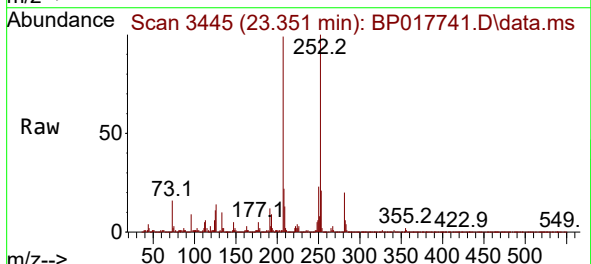
Manual Integrations
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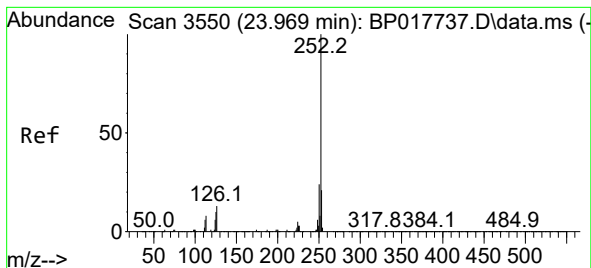
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023



#91
Benzo(k)fluoranthene
Concen: 4.972 ng/ul m
RT: 23.351 min Scan# 3445
Delta R.T. 0.024 min
Lab File: BP017741.D
Acq: 20 Oct 2023 13:48

Tgt Ion:252 Resp: 124076
Ion Ratio Lower Upper
252 100
253 20.8 17.5 26.3
125 10.9 7.0 10.6#





#93

Benzo(a)pyrene

Concen: 4.572 ng/ul

RT: 23.980 min Scan# 3552

Delta R.T. 0.024 min

Lab File: BP017741.D

Acq: 20 Oct 2023 13:48

Instrument :

BNA_P

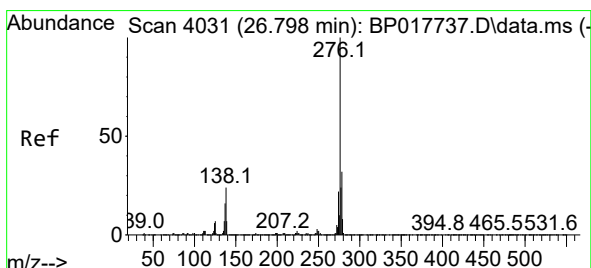
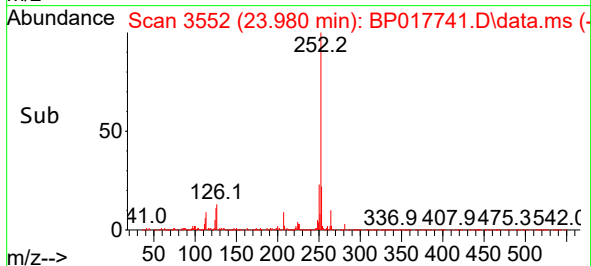
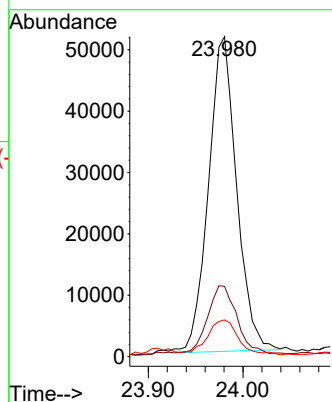
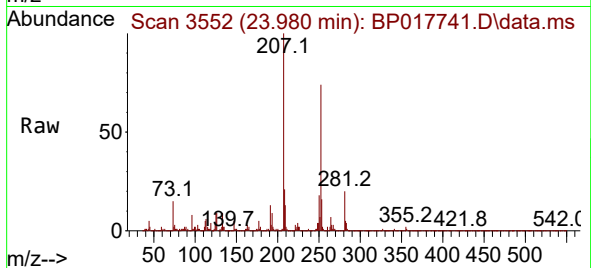
ClientSampleId :

MDL-WATER-QT4-2023-07

Tgt Ion:252 Resp: 105660
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.4 26.2
 125 11.5 7.8 11.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/23/2023
 Supervised By :mohammad ahmed 10/23/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.632 ng/ul

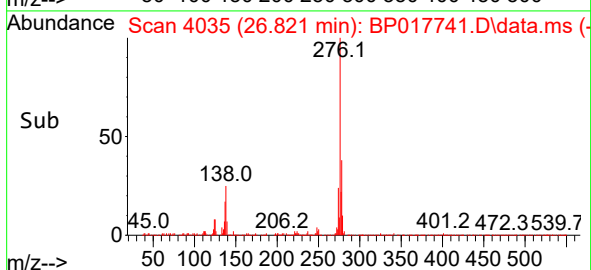
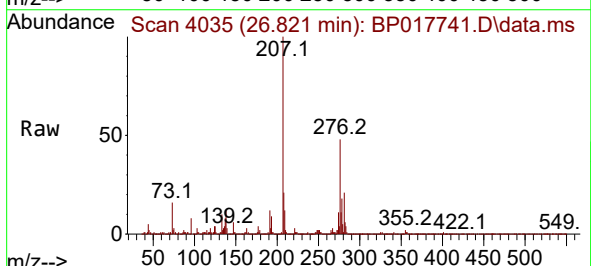
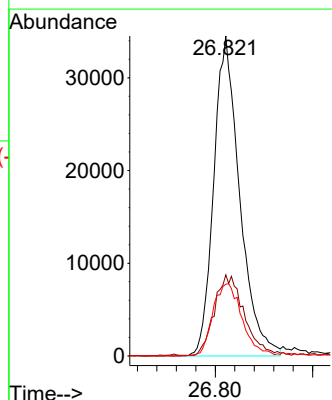
RT: 26.821 min Scan# 4035

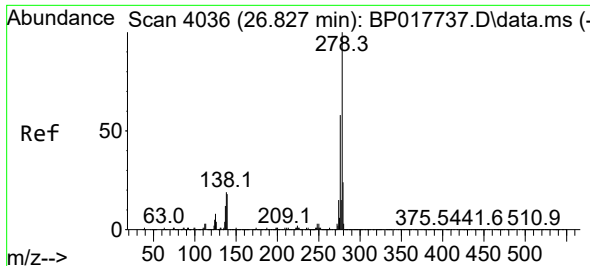
Delta R.T. 0.041 min

Lab File: BP017741.D

Acq: 20 Oct 2023 13:48

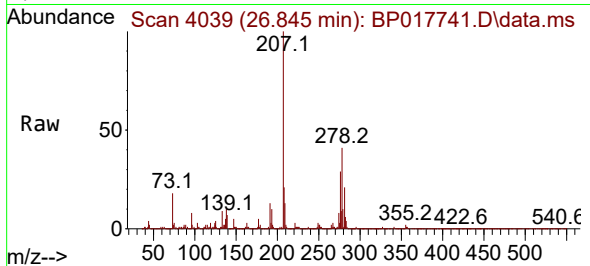
Tgt Ion:276 Resp: 127601
 Ion Ratio Lower Upper
 276 100
 138 25.3 15.6 23.4#
 277 22.4 19.4 29.2





#95
Dibenzo(a,h)anthracene
Concen: 4.561 ng/ul
RT: 26.845 min Scan# 4036
Delta R.T. 0.035 min
Lab File: BP017741.D
Acq: 20 Oct 2023 13:48

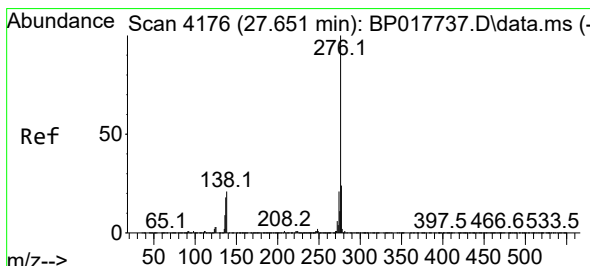
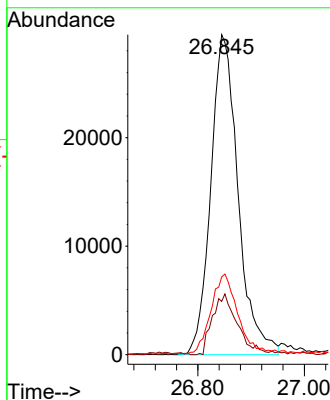
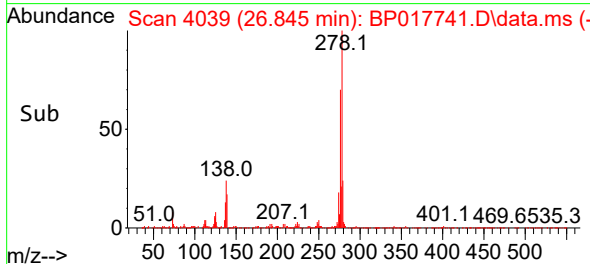
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT4-2023-07



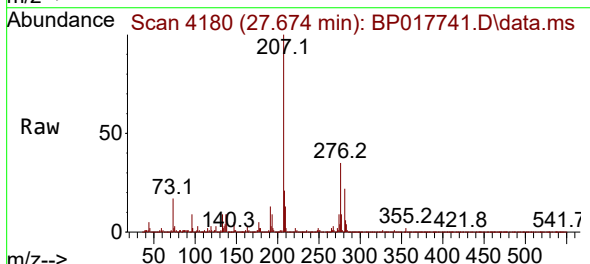
Tgt Ion:278 Resp: 104835
Ion Ratio Lower Upper
278 100
139 16.7 11.4 17.2
279 24.3 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023



#96
Benzo(g,h,i)perylene
Concen: 4.703 ng/ul
RT: 27.674 min Scan# 4180
Delta R.T. 0.047 min
Lab File: BP017741.D
Acq: 20 Oct 2023 13:48



Tgt Ion:276 Resp: 104379
Ion Ratio Lower Upper
276 100
138 25.3 15.0 22.6#
277 25.4 18.5 27.7

